

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

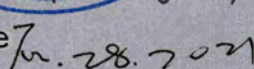


FOR
Mobile Phone

ISSUED TO
vivo Mobile Communication Co., Ltd.

No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong, China



Prepared by: 
Ye Hongji
Date: 
Jun 28, 2021
Approved by: 
Wei Yanguan
(Chief Engineer)
Date: 
Jun. 28, 2021

Report No.: BL-SZ2150618-604
EUT Name: Mobile Phone
Model Name: V2057
Brand Name: vivo
Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)
FCC ID: 2AUCY-V2058

Test Conclusion: Pass
Test Date: May 27, 2021 ~ Jun. 18, 2021
Date of Issue: Jun. 28, 2021

NOTE: This test report of test results only related to testing samples, which can be duplicated completely for the legal use with the approval of the applicant; it shall not be reproduced except in full, without the written approval of Shenzhen BALUN Technology Co., Ltd. Any objections should be raised within thirty days from the date of issue. To validate the report, please contact us.

Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Jun. 28, 2021</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

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

1.3 Laboratory Condition

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

1.4 Announce

- (1) The test report reference to the report template version v4.4.
- (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	vivo Mobile Communication Co., Ltd.
Address	No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong, China

2.2 Manufacturer

Manufacturer	vivo Mobile Communication Co., Ltd.
Address	No.168 Jinghai East Rd., Chang'an, Dongguan, Guangdong, China

2.3 Factory

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	V2057
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	MP_0.1
Software Version	PD2103BF_EX_A_3.6.4
Dimensions (Approx.)	163.96*75.3*8.495mm
Weight (Approx.)	193g

2.5 Technical Information

Network and Wireless connectivity	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	Mobile and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 17.83 dBm U-NII-2A: 17.95 dBm U-NII-2C: 17.78 dBm U-NII-3: 17.66 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	-3.0 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

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

SP MATE	SP MATE		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

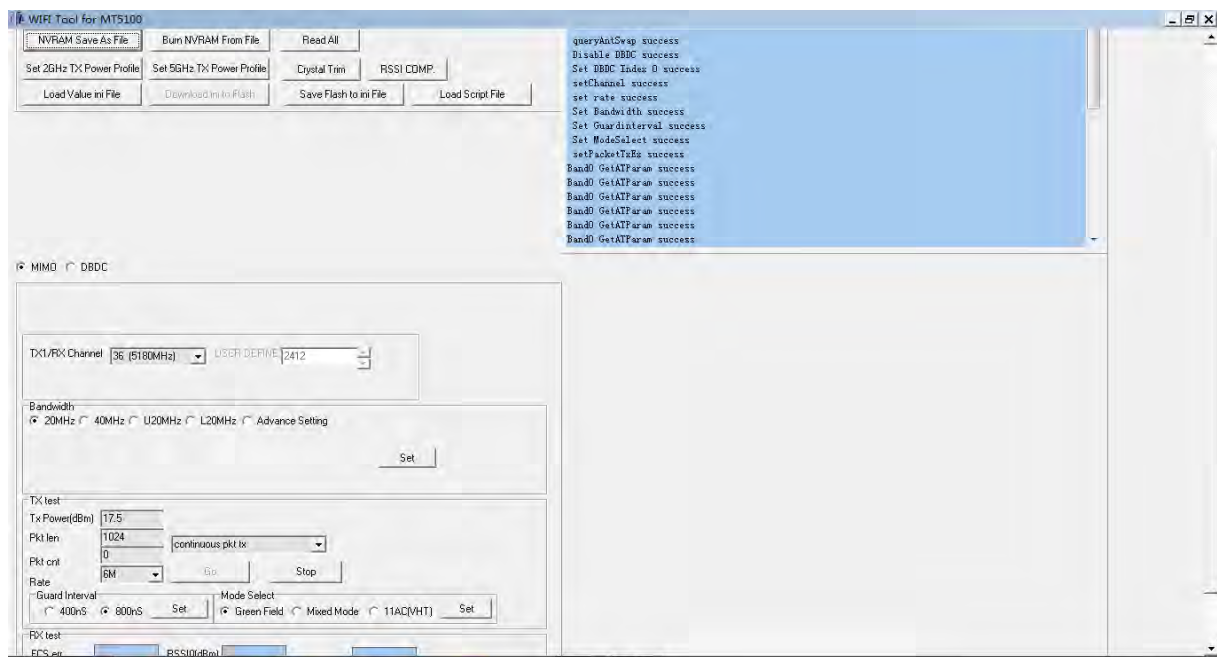
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	15.0
11a	CH44	5220	17.5
11a	CH48	5240	17.5
11n (HT20)	CH36	5180	15.0
11n (HT20)	CH44	5220	16.0
11n (HT20)	CH48	5240	16.0
11n (HT40)	CH38	5190	15.0
11n (HT40)	CH46	5230	15.0
11ac (VHT20)	CH36	5180	15.5
11ac (VHT20)	CH44	5220	15.5
11ac (VHT20)	CH48	5240	15.5
11ac (VHT40)	CH38	5190	14.0
11ac (VHT40)	CH46	5230	14.0
11ac (VHT80)	CH42	5210	13.0

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	17.5
11a	CH60	5300	17.5
11a	CH64	5320	17.0
11n (HT20)	CH52	5260	16.0
11n (HT20)	CH60	5300	16.0
11n (HT20)	CH64	5320	16.0
11n (HT40)	CH54	5270	15.0
11n (HT40)	CH62	5310	13.0
11ac (VHT20)	CH52	5260	15.5
11ac (VHT20)	CH60	5300	15.5
11ac (VHT20)	CH64	5320	15.5
11ac (VHT40)	CH54	5270	14.0
11ac (VHT40)	CH62	5310	13.0
11ac (VHT80)	CH58	5290	12.5

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	16.0
11a	CH116	5580	17.5
11a	CH140	5700	14.5
11a	CH144	5720	17.5
11n (HT20)	CH100	5500	16.0
11n (HT20)	CH116	5580	16.0
11n (HT20)	CH140	5700	14.5
11n (HT20)	CH144	5720	16.0
11n (HT40)	CH102	5510	12.5
11n (HT40)	CH118	5590	15.0
11n (HT40)	CH134	5670	15.0
11n (HT40)	CH142	5710	15.0
11ac (VHT20)	CH100	5500	15.5
11ac (VHT20)	CH116	5580	15.5
11ac (VHT20)	CH140	5700	15.5
11ac (VHT20)	CH144	5720	15.5
11ac (VHT40)	CH102	5510	14.0
11ac (VHT40)	CH118	5590	14.0
11ac (VHT40)	CH134	5670	14.0
11ac (VHT40)	CH142	5710	14.0
11ac (VHT80)	CH106	5530	13.0
11ac (VHT80)	CH122	5610	13.0
11ac (VHT80)	CH138	5690	13.0

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	17.5
11a	CH157	5785	17.5
11a	CH165	5825	17.5
11n (HT20)	CH149	5745	16.0
11n (HT20)	CH157	5785	16.0
11n (HT20)	CH165	5825	16.0
11n (HT40)	CH151	5755	15.0
11n (HT40)	CH159	5795	15.0
11ac (VHT20)	CH149	5745	15.5
11ac (VHT20)	CH157	5785	15.5
11ac (VHT20)	CH165	5825	15.5
11ac (VHT40)	CH151	5755	14.0
11ac (VHT40)	CH159	5795	14.0
11ac (VHT80)	CH155	5775	13.0

Run Software:



2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	138	5690
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	134	5670		
64	5320	142	5710		
100	5500	151	5755		
104	5520	159	5795		
108	5540				
112	5560				
116	5580				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	165	High	5825

For 802.11n(HT40)/ac(VHT40)

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

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	--	5710
110	Mid	5550	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

For 802.11ac(VHT80)

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	138	--	5690
138	High	5690	155	Mid	5775

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted -band)	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/110/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Verdict

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

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

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

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

Note ⁴: The only difference between the EUT (test samples in this report) and testing sample of report BL-SZ2150617-604, which was issued by Shenzhen BALUN Technology Co., Ltd. on Jun. 23, 2021 as below:

1. With different model name(change the model name from V2058 to V2057).
2. With different battery.
3. With different adapter.
4. Change the memory capacity from 8+128GB to 4+128GB(The component is pin-for-pin compatible).
5. With different rear camera(change the rear camera from 64M to 48M).
6. Minor change of the charging circuit(No change of schematic and PCB Layout, just change and move one charging chip from main board to sub-board. The charging specification is from 33W change to 18W. And the component is pin-for-pin compatible).
7. No change in radio parameters has occurred.

There's no change to radio bands' electric/radio characteristics. So all test data originate from the report BL-SZ2150617-604, which was issued by Shenzhen BALUN Technology Co., Ltd. on Jun. 23, 2021.

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)	-10°C
	HT (High Temperature)	+55°C
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2020.06.08	2021.06.07
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2020.06.08	2021.06.07
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2020.06.08	2021.06.07
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.06.01	2022.05.31
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2020.06.08	2021.06.07
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2021.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
Test Antenna-	A-INFO	LB-	J211060273	2021.01.05	2023.01.04

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Horn (18-40 GHz)		180400KF			
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2018.08.08	2021.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

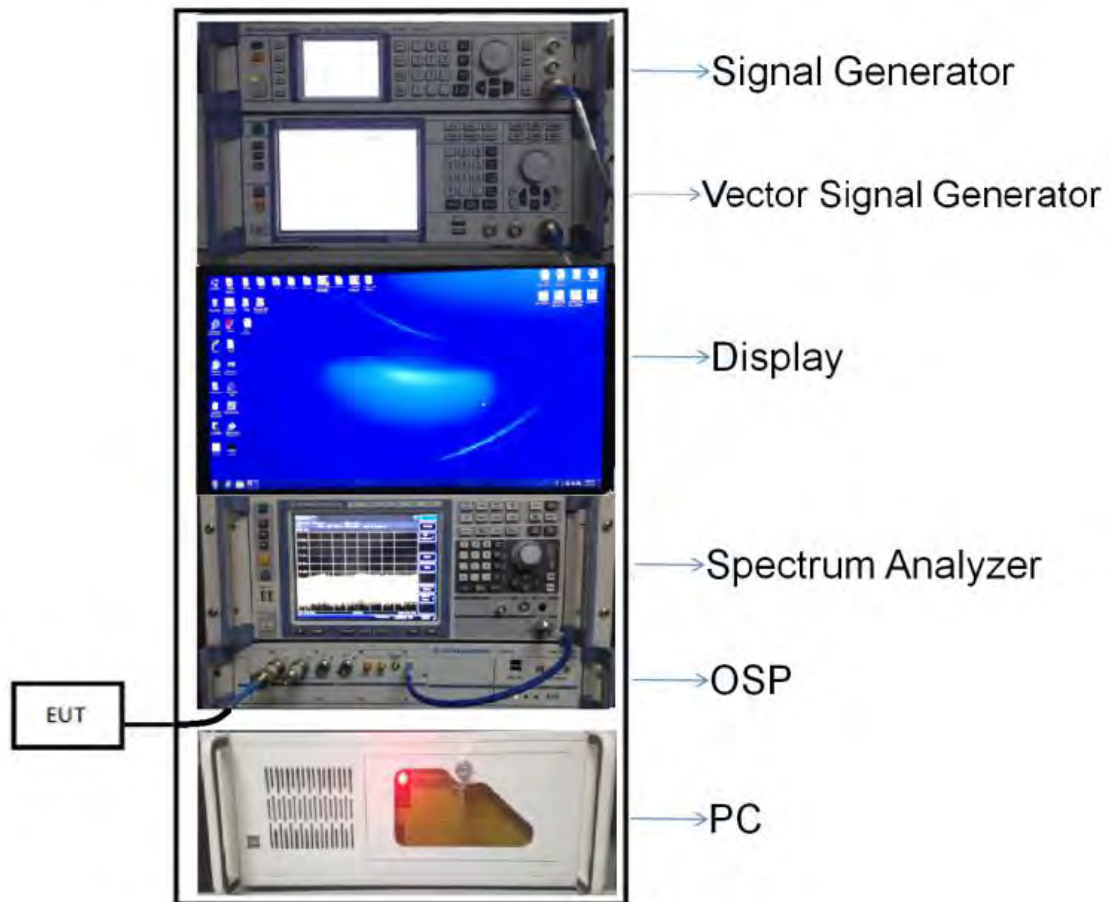
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

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

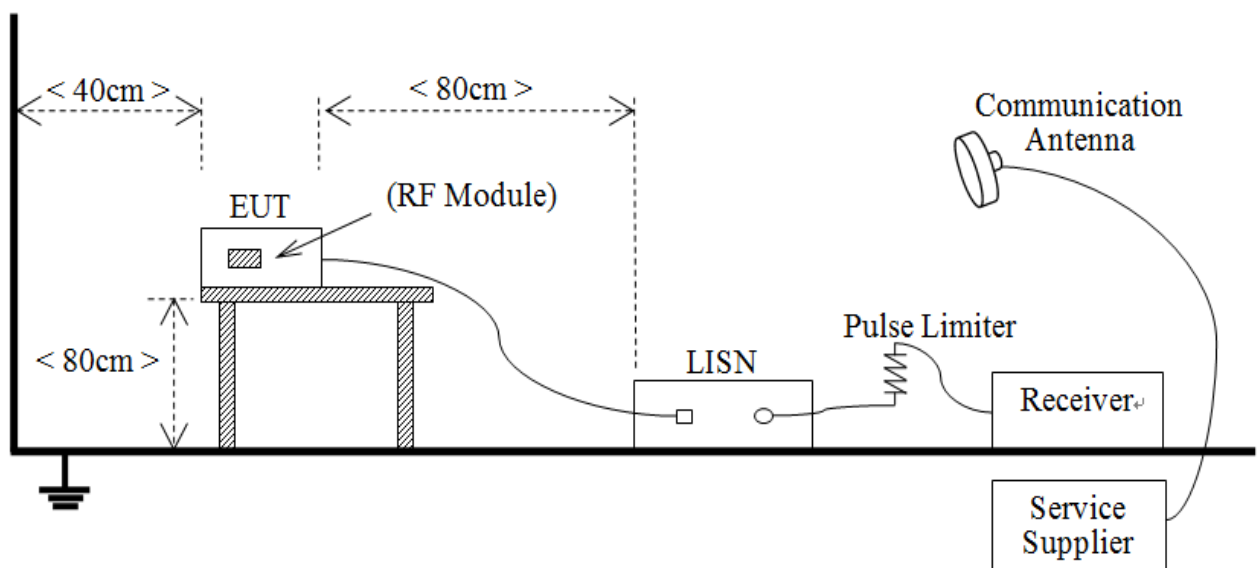
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



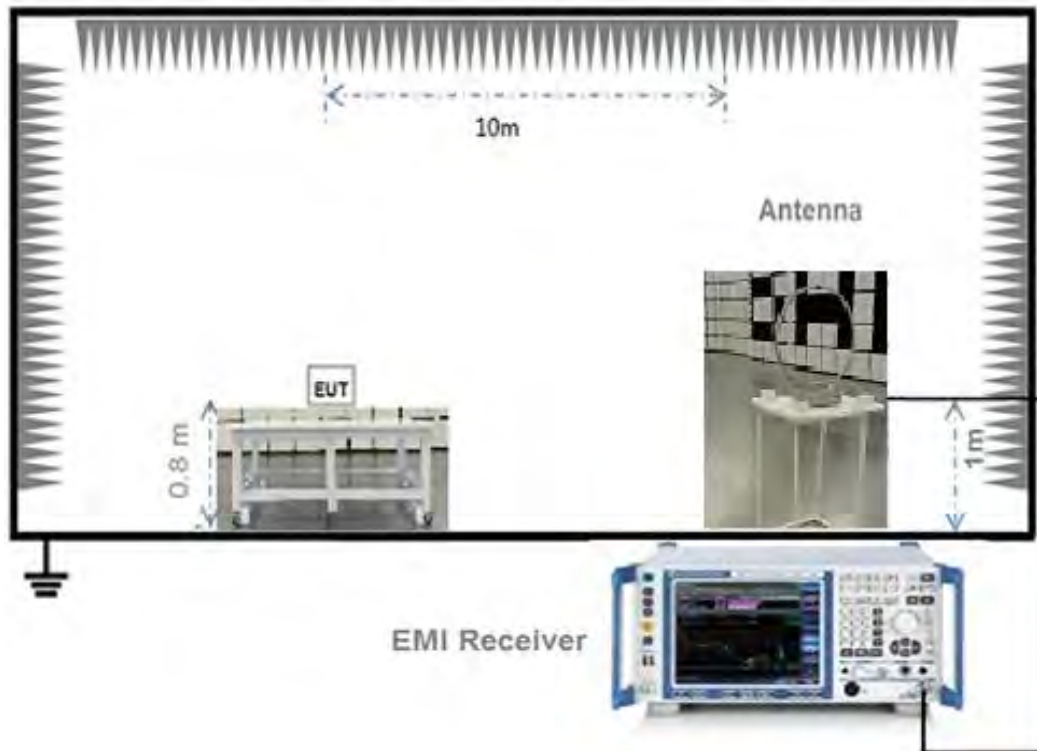
(Diagram 1)

4.4.2 For AC Power Supply Port Test



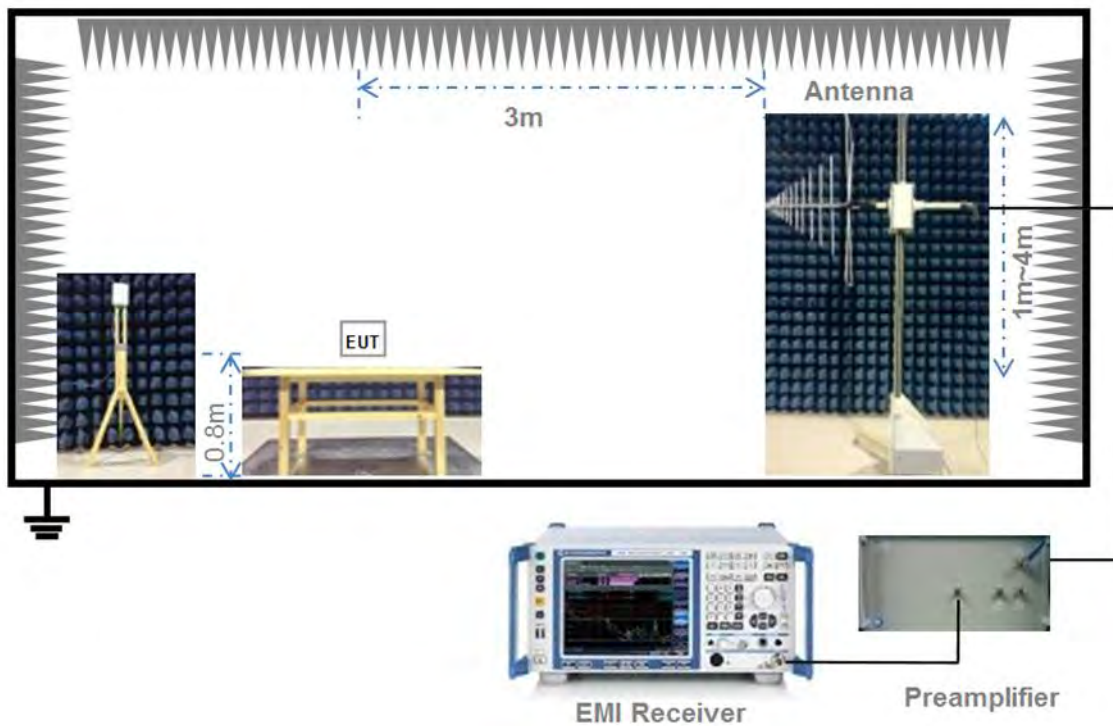
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



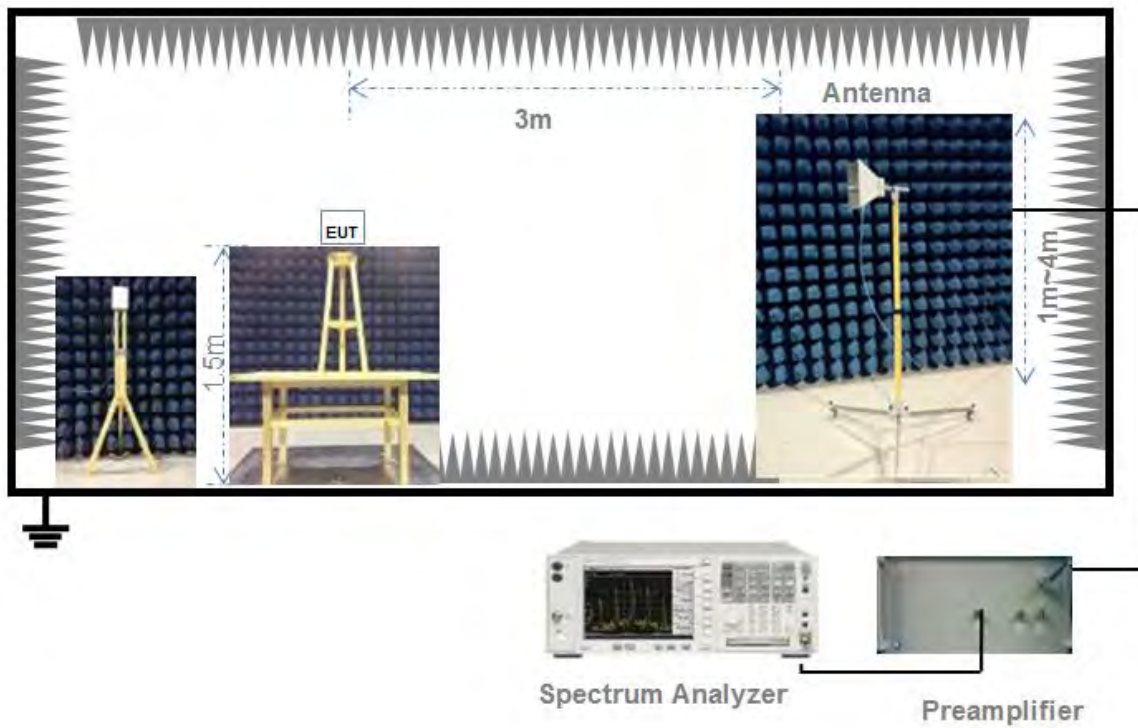
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ 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)

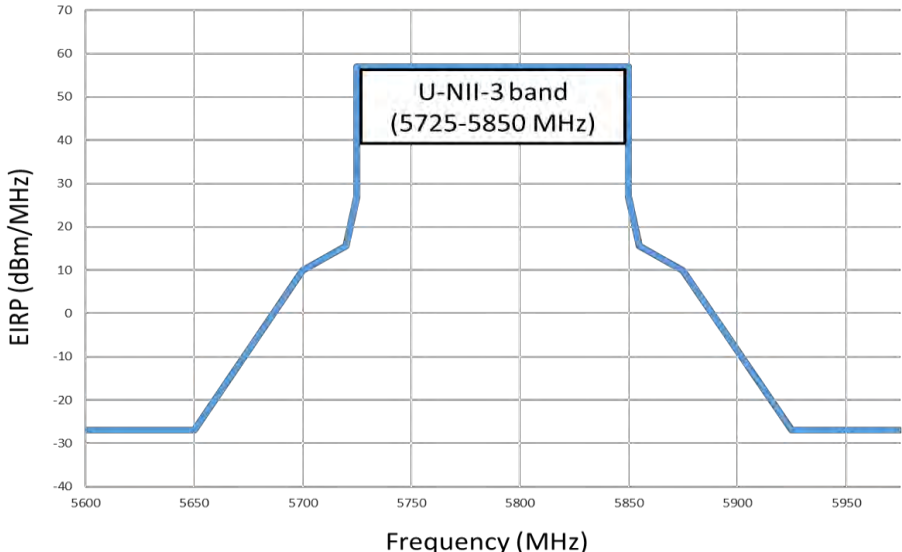
5.5.1 Limit

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.

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.26	33.57	250	Pass
11a	CH44	17.83	60.67	250	Pass
11a	CH48	17.79	60.12	250	Pass
11n (HT20)	CH36	15.27	33.65	250	Pass
11n (HT20)	CH44	16.35	43.15	250	Pass
11n (HT20)	CH48	16.34	43.05	250	Pass
11n (HT40)	CH38	15.34	34.20	250	Pass
11n (HT40)	CH46	15.33	34.12	250	Pass
11ac (VHT20)	CH36	15.89	38.82	250	Pass
11ac (VHT20)	CH44	15.93	39.17	250	Pass
11ac (HVT20)	CH48	15.85	38.46	250	Pass
11ac (VHT40)	CH38	14.33	27.10	250	Pass
11ac (VHT40)	CH46	14.36	27.29	250	Pass
11ac (VHT80)	CH42	13.31	21.43	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.81	60.39	250	Pass
11a	CH60	17.95	62.37	250	Pass
11a	CH64	17.46	55.72	250	Pass
11n (HT20)	CH52	16.31	42.76	250	Pass
11n (HT20)	CH60	16.52	44.87	250	Pass
11n (HT20)	CH64	16.50	44.67	250	Pass
11n (HT40)	CH54	15.38	34.51	250	Pass
11n (HT40)	CH62	13.36	21.68	250	Pass
11ac (VHT20)	CH52	15.81	38.11	250	Pass
11ac (VHT20)	CH60	16.01	39.90	250	Pass
11ac (HVT20)	CH64	16.09	40.64	250	Pass
11ac (VHT40)	CH54	14.41	27.61	250	Pass
11ac (VHT40)	CH62	13.37	21.73	250	Pass
11ac (VHT80)	CH58	12.88	19.41	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	16.20	41.69	250	Pass
11a	CH116	17.78	59.98	250	Pass
11a	CH140	14.72	29.65	250	Pass
11a	CH144	17.46	55.72	250	Pass
11n (HT20)	CH100	16.29	42.56	250	Pass
11n (HT20)	CH116	16.47	44.36	250	Pass
11n (HT20)	CH140	14.63	29.04	250	Pass
11n (HT20)	CH144	16.38	43.45	250	Pass
11n (HT40)	CH102	12.73	18.75	250	Pass
11n (HT40)	CH118	15.34	34.20	250	Pass
11n (HT40)	CH134	15.39	34.59	250	Pass
11n (HT40)	CH142	15.35	34.28	250	Pass
11ac (VHT20)	CH100	15.39	34.59	250	Pass
11ac (VHT20)	CH116	15.93	39.17	250	Pass
11ac (VHT20)	CH140	16.50	44.67	250	Pass
11ac (VHT20)	CH144	15.40	34.67	250	Pass
11ac (VHT40)	CH102	14.48	28.05	250	Pass
11ac (VHT40)	CH118	14.45	27.86	250	Pass
11ac (VHT40)	CH134	14.39	27.48	250	Pass
11ac (VHT40)	CH142	14.36	27.29	250	Pass
11ac (VHT80)	CH106	13.39	21.83	250	Pass
11ac (VHT80)	CH122	13.45	22.13	250	Pass
11ac (VHT80)	CH138	13.29	21.33	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	17.46	55.72	1000	Pass
11a	CH149	17.66	58.34	1000	Pass
11a	CH157	17.55	56.89	1000	Pass
11a	CH165	17.51	56.36	1000	Pass
11n (HT20)	CH144	16.38	43.45	1000	Pass
11n (HT20)	CH149	16.00	39.81	1000	Pass
11n (HT20)	CH157	15.82	38.19	1000	Pass
11n (HT20)	CH165	15.74	37.50	1000	Pass
11n (HT40)	CH142	15.35	34.28	1000	Pass
11n (HT40)	CH151	14.95	31.26	1000	Pass
11n (HT40)	CH159	14.84	30.48	1000	Pass
11ac (VHT20)	CH144	15.40	34.67	1000	Pass
11ac (VHT20)	CH149	15.59	36.22	1000	Pass
11ac (VHT20)	CH157	15.51	35.56	1000	Pass
11ac (VHT20)	CH165	14.87	30.69	1000	Pass
11ac (VHT40)	CH142	14.36	27.29	1000	Pass
11ac (VHT40)	CH151	14.09	25.64	1000	Pass
11ac (VHT40)	CH159	13.89	24.49	1000	Pass
11ac (VHT80)	CH138	13.29	21.33	1000	Pass
11ac (VHT80)	CH155	13.31	21.43	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2150618-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	16.61	16.58
11a	CH44	16.84	16.77
11a	CH48	16.85	16.80
11n (HT20)	CH36	17.70	16.67
11n (HT20)	CH44	17.73	17.70
11n (HT20)	CH48	17.72	17.69
11n (HT40)	CH38	36.13	36.12
11n (HT40)	CH46	36.15	36.11
11ac (VHT20)	CH36	17.68	17.68
11ac (VHT20)	CH44	17.68	17.65
11ac (HVT20)	CH48	17.67	17.64
11ac (VHT40)	CH38	36.00	36.02
11ac (VHT40)	CH46	36.05	36.04
11ac (VHT80)	CH42	75.24	75.31

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	16.81	16.75
11a	CH60	16.83	16.80
11a	CH64	16.86	16.81
11n (HT20)	CH52	17.70	17.70
11n (HT20)	CH60	17.73	17.69
11n (HT20)	CH64	17.73	17.70
11n (HT40)	CH54	36.13	36.14
11n (HT40)	CH62	36.12	36.15
11ac (VHT20)	CH52	17.67	17.65
11ac (VHT20)	CH60	17.69	17.64
11ac (VHT20)	CH64	17.68	17.64
11ac (VHT40)	CH54	36.05	36.05
11ac (VHT40)	CH62	36.01	36.00
11ac (VHT80)	CH58	75.26	75.34

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	16.66	16.66
11a	CH116	16.93	16.81
11a	CH140	16.59	16.56
11a	CH144	16.81	16.76
11n (HT20)	CH100	17.77	17.72
11n (HT20)	CH116	17.73	17.71
11n (HT20)	CH140	17.64	17.63
11n (HT20)	CH144	17.72	17.69
11n (HT40)	CH102	36.07	36.06
11n (HT40)	CH118	36.13	36.14
11n (HT40)	CH134	36.14	36.14
11n (HT40)	CH142	36.16	36.17
11ac (VHT20)	CH100	17.71	17.69
11ac (VHT20)	CH116	17.66	17.63
11ac (VHT20)	CH140	17.69	17.64
11ac (VHT20)	CH144	17.68	17.67
11ac (VHT40)	CH102	36.11	36.02
11ac (VHT40)	CH118	36.10	36.06
11ac (VHT40)	CH134	36.06	36.03
11ac (VHT40)	CH142	36.08	36.01
11ac (VHT80)	CH106	75.28	75.33
11ac (VHT80)	CH122	75.31	75.31
11ac (VHT80)	CH138	75.20	75.25

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	16.60	16.57
11a	CH157	16.63	16.58
11a	CH165	16.59	16.57
11n (HT20)	CH149	17.67	16.68
11n (HT20)	CH157	17.72	17.68
11n (HT20)	CH165	17.67	17.66
11n (HT40)	CH151	36.12	36.11
11n (HT40)	CH159	36.10	36.02
11ac (VHT20)	CH149	17.67	17.64
11ac (VHT20)	CH157	17.69	17.66
11ac (VHT20)	CH165	17.67	17.64
11ac (VHT40)	CH151	35.66	36.00
11ac (VHT40)	CH159	36.07	36.09
11ac (VHT80)	CH155	75.34	75.34

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2150618-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.27	500.00	Pass
11a	CH157	15.12	500.00	Pass
11a	CH165	15.22	500.00	Pass
11n (HT20)	CH149	15.12	500.00	Pass
11n (HT20)	CH157	15.07	500.00	Pass
11n (HT20)	CH165	15.17	500.00	Pass
11n (HT40)	CH151	35.07	500.00	Pass
11n (HT40)	CH159	35.12	500.00	Pass
11ac (VHT20)	CH149	15.17	500.00	Pass
11ac (VHT20)	CH157	15.17	500.00	Pass
11ac (VHT20)	CH165	15.22	500.00	Pass
11ac (VHT40)	CH151	35.22	500.00	Pass
11ac (VHT40)	CH159	35.17	500.00	Pass
11ac (VHT80)	CH155	75.22	500.00	Pass

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ2150618-604 Data Part 3.pdf”.

Note ²: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.84	11.00	Pass
11a	CH44	7.50	11.00	Pass
11a	CH48	7.54	11.00	Pass
11n (HT20)	CH36	5.36	11.00	Pass
11n (HT20)	CH44	5.77	11.00	Pass
11n (HT20)	CH48	5.83	11.00	Pass
11n (HT40)	CH38	1.44	11.00	Pass
11n (HT40)	CH46	0.94	11.00	Pass
11ac (VHT20)	CH36	4.85	11.00	Pass
11ac (VHT20)	CH44	5.28	11.00	Pass
11ac (VHT20)	CH48	5.46	11.00	Pass
11ac (VHT40)	CH38	0.11	11.00	Pass
11ac (VHT40)	CH46	0.65	11.00	Pass
11ac (VHT80)	CH42	-4.27	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	7.33	11.00	Pass
11a	CH60	7.71	11.00	Pass
11a	CH64	7.58	11.00	Pass
11n (HT20)	CH52	5.81	11.00	Pass
11n (HT20)	CH60	6.23	11.00	Pass
11n (HT20)	CH64	6.11	11.00	Pass
11n (HT40)	CH54	1.81	11.00	Pass
11n (HT40)	CH62	0.67	11.00	Pass
11ac (VHT20)	CH52	5.26	11.00	Pass
11ac (VHT20)	CH60	5.70	11.00	Pass
11ac (VHT20)	CH64	5.50	11.00	Pass
11ac (VHT40)	CH54	0.89	11.00	Pass
11ac (VHT40)	CH62	0.61	11.00	Pass
11ac (VHT80)	CH58	-3.36	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	6.47	11.00	Pass
11a	CH116	7.07	11.00	Pass
11a	CH140	4.45	11.00	Pass
11a	CH144	7.38	11.00	Pass
11n (HT20)	CH100	6.96	11.00	Pass
11n (HT20)	CH116	5.88	11.00	Pass
11n (HT20)	CH140	4.18	11.00	Pass
11n (HT20)	CH144	5.81	11.00	Pass
11n (HT40)	CH102	-0.74	11.00	Pass
11n (HT40)	CH118	1.30	11.00	Pass
11n (HT40)	CH134	1.41	11.00	Pass
11n (HT40)	CH142	1.26	11.00	Pass
11ac (VHT20)	CH100	4.69	11.00	Pass
11ac (VHT20)	CH116	5.36	11.00	Pass
11ac (VHT20)	CH140	4.40	11.00	Pass
11ac (VHT20)	CH144	4.83	11.00	Pass
11ac (VHT40)	CH102	0.20	11.00	Pass
11ac (VHT40)	CH118	1.04	11.00	Pass
11ac (VHT40)	CH134	0.46	11.00	Pass
11ac (VHT40)	CH142	0.13	11.00	Pass
11ac (VHT80)	CH106	-3.75	11.00	Pass
11ac (VHT80)	CH122	-4.02	11.00	Pass
11ac (VHT80)	CH138	-3.91	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	4.26	30.00	Pass
11a	CH149	4.46	30.00	Pass
11a	CH157	3.78	30.00	Pass
11a	CH165	5.03	30.00	Pass
11n (HT20)	CH144	2.88	30.00	Pass
11n (HT20)	CH149	3.13	30.00	Pass
11n (HT20)	CH157	2.42	30.00	Pass
11n (HT20)	CH165	3.26	30.00	Pass
11n (HT40)	CH142	-0.61	30.00	Pass
11n (HT40)	CH151	-1.94	30.00	Pass
11n (HT40)	CH159	-1.81	30.00	Pass
11ac (VHT20)	CH144	2.44	30.00	Pass
11ac (VHT20)	CH149	2.73	30.00	Pass
11ac (VHT20)	CH157	2.02	30.00	Pass
11ac (VHT20)	CH165	2.67	30.00	Pass
11ac (VHT40)	CH142	-2.22	30.00	Pass
11ac (VHT40)	CH151	-1.83	30.00	Pass
11ac (VHT40)	CH159	-2.14	30.00	Pass
11ac (VHT80)	CH138	-7.07	30.00	Pass
11ac (VHT80)	CH155	-7.07	30.00	Pass

A.5 Conducted Emissions

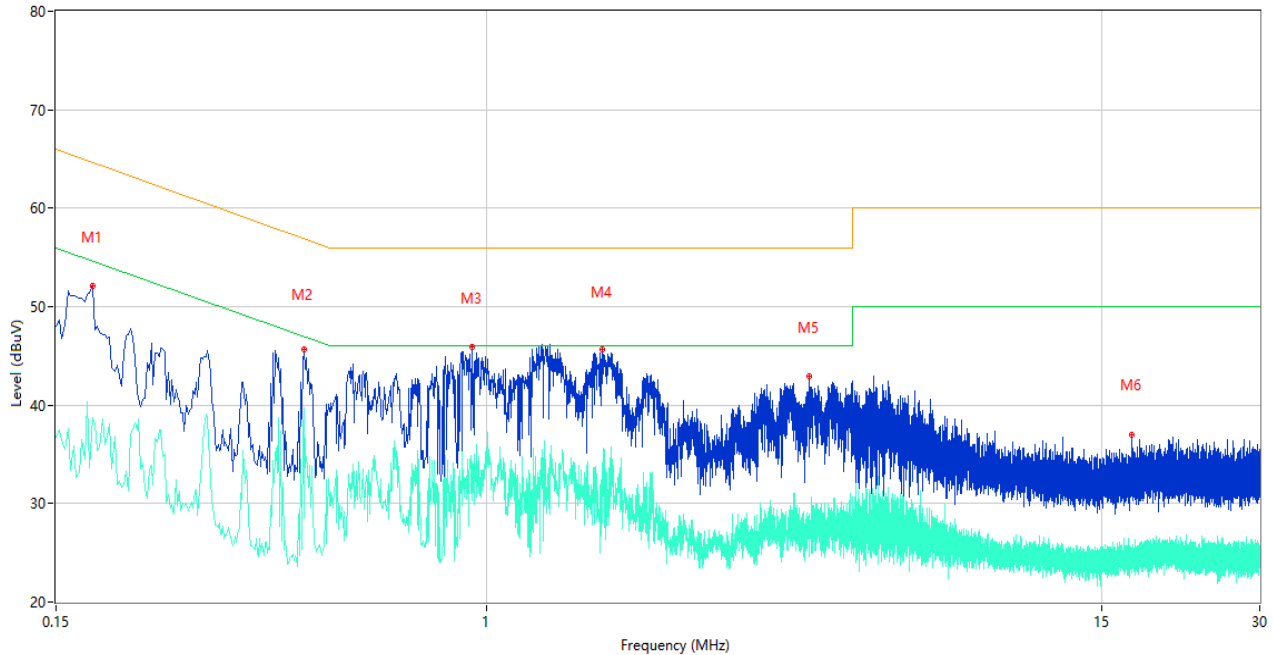
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

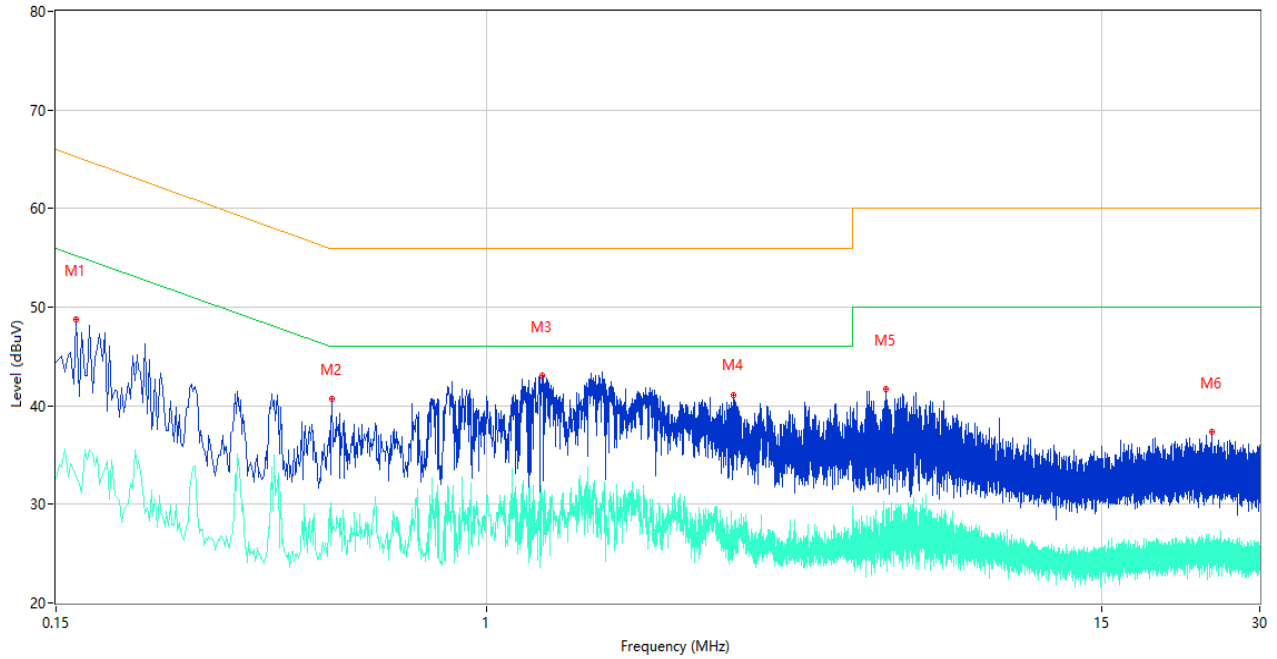
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.176	52.10	10.39	64.67	-12.57	Peak	L	Pass
1**	0.176	38.73	10.39	54.67	-15.94	AV	L	Pass
2	0.448	45.65	10.30	56.91	-11.26	Peak	L	Pass
2**	0.448	39.65	10.30	46.91	-7.26	AV	L	Pass
3	0.938	45.86	10.24	56.00	-10.14	Peak	L	Pass
3**	0.938	34.25	10.24	46.00	-11.75	AV	L	Pass
4	1.664	45.69	10.26	56.00	-10.31	Peak	L	Pass
4**	1.664	34.14	10.26	46.00	-11.86	AV	L	Pass
5	4.126	42.95	10.31	56.00	-13.05	Peak	L	Pass
5**	4.126	28.47	10.31	46.00	-17.53	AV	L	Pass
6	17.058	37.04	10.46	60.00	-22.96	Peak	L	Pass
6**	17.058	25.15	10.46	50.00	-24.85	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	0.164	48.81	10.40	65.26	-16.45	Peak	N	Pass
1**	0.164	32.71	10.40	55.26	-22.55	AV	N	Pass
2	0.506	40.65	10.30	56.00	-15.35	Peak	N	Pass
2**	0.506	27.11	10.30	46.00	-18.89	AV	N	Pass
3	1.274	43.05	10.25	56.00	-12.95	Peak	N	Pass
3**	1.274	31.19	10.25	46.00	-14.81	AV	N	Pass
4	2.960	41.10	10.28	56.00	-14.90	Peak	N	Pass
4**	2.960	27.39	10.28	46.00	-18.61	AV	N	Pass
5	5.800	41.70	10.32	60.00	-18.30	Peak	N	Pass
5**	5.800	27.25	10.32	50.00	-22.75	AV	N	Pass
6	24.312	37.33	10.64	60.00	-22.67	Peak	N	Pass
6**	24.312	25.26	10.64	50.00	-24.74	AV	N	Pass

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

Test Data

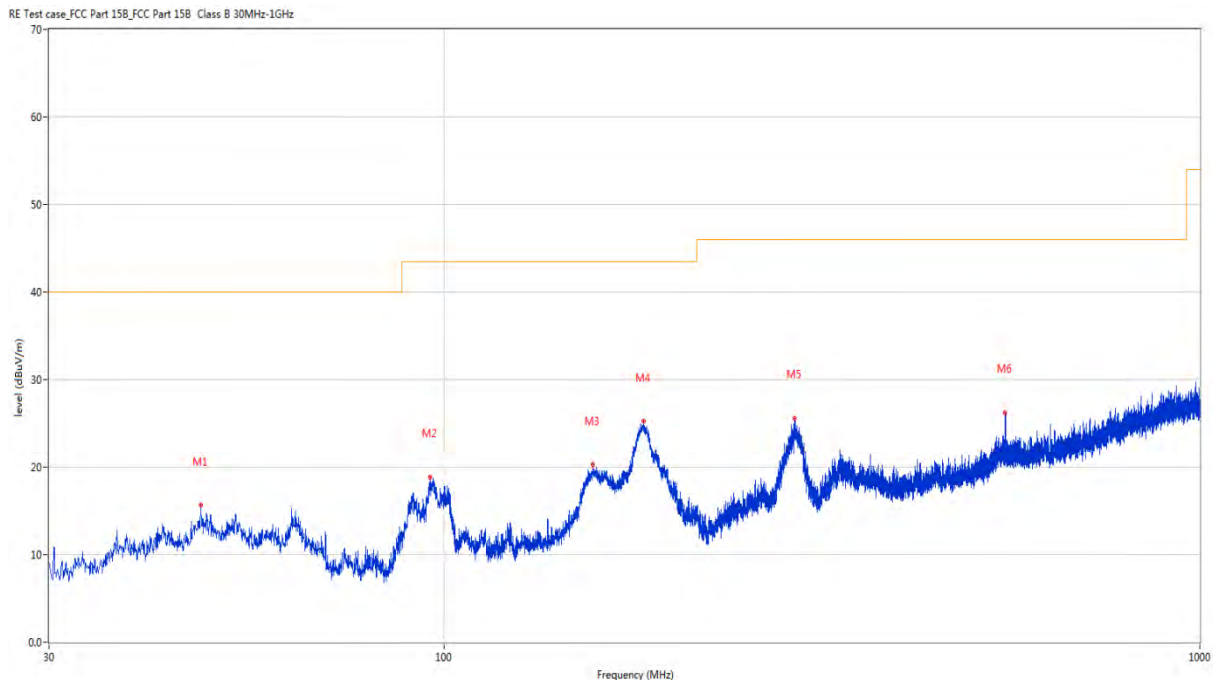
Note¹: The symbol of "--" in the table which means not application.

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.

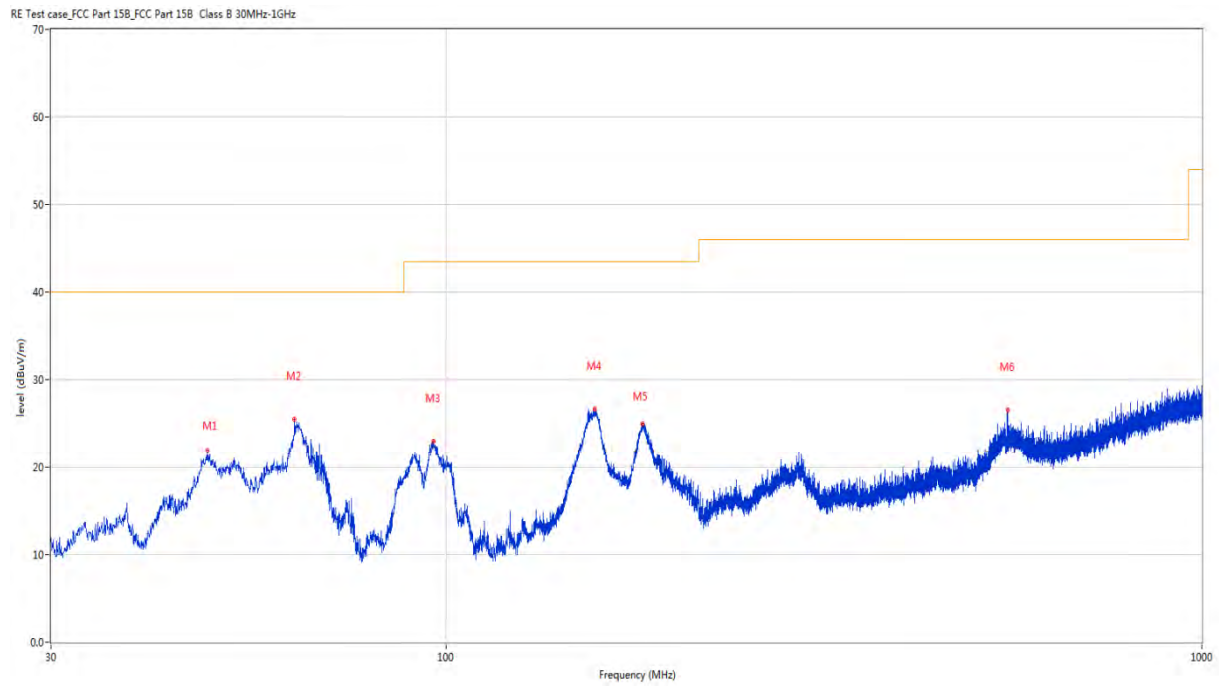
Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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	47.654	15.64	-22.72	40.0	-24.36	Peak	0.00	200	Horizontal	Pass
2	95.717	18.88	-24.79	43.5	-24.62	Peak	290.30	200	Horizontal	Pass
3	157.264	20.27	-27.59	43.5	-23.23	Peak	39.80	200	Horizontal	Pass
4	183.600	25.23	-25.30	43.5	-18.27	Peak	95.50	200	Horizontal	Pass
5	290.978	25.58	-21.62	46.0	-20.42	Peak	101.90	100	Horizontal	Pass
6	552.976	26.22	-15.59	46.0	-19.78	Peak	307.10	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.285	21.92	-22.58	40.0	-18.08	Peak	157.00	100	Vertical	Pass
2	62.980	25.45	-24.77	40.0	-14.55	Peak	97.10	100	Vertical	Pass
3	96.154	22.99	-24.75	43.5	-20.51	Peak	16.50	100	Vertical	Pass
4	157.264	26.64	-27.59	43.5	-16.86	Peak	264.60	100	Vertical	Pass
5	181.950	24.95	-25.62	43.5	-18.55	Peak	67.40	100	Vertical	Pass
6	553.024	26.57	-15.59	46.0	-19.43	Peak	12.30	100	Vertical	Pass

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

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1004.800	35.01	-18.19	74.0	-38.99	Peak	280.00	150	Horizontal	Pass
1**	1004.800	28.07	-18.19	54.0	-25.93	AV	280.00	150	Horizontal	Pass
2	1581.600	38.96	-17.55	74.0	-35.04	Peak	146.00	150	Horizontal	Pass
2**	1581.600	30.27	-17.55	54.0	-23.73	AV	146.00	150	Horizontal	Pass
3	4267.600	48.63	-4.81	74.0	-25.37	Peak	340.00	150	Horizontal	Pass
3**	4267.600	38.69	-4.81	54.0	-15.31	AV	340.00	150	Horizontal	Pass
4	5179.000	107.79	-3.15	--	--	Peak	172.00	150	Horizontal	N/A
4**	5179.000	100.82	-3.15	--	--	AV	172.00	150	Horizontal	N/A
5	7576.437	49.19	-2.14	74.0	-24.81	Peak	307.00	150	Horizontal	Pass
5**	7576.437	39.36	-2.14	54.0	-14.64	AV	307.00	150	Horizontal	Pass
6	11688.549	51.48	2.40	74.0	-22.52	Peak	280.00	150	Horizontal	Pass
6**	11688.549	41.73	2.40	54.0	-12.27	AV	280.00	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	1095.700	37.78	-18.58	74.0	-36.22	Peak	131.00	150	Vertical	Pass
1**	1095.700	27.80	-18.58	54.0	-26.20	AV	131.00	150	Vertical	Pass
2	1601.600	39.11	-17.75	74.0	-34.89	Peak	198.00	150	Vertical	Pass
2**	1601.600	29.88	-17.75	54.0	-24.12	AV	198.00	150	Vertical	Pass
3	4311.400	49.51	-5.00	74.0	-24.49	Peak	62.00	150	Vertical	Pass
3**	4311.400	39.33	-5.00	54.0	-14.67	AV	62.00	150	Vertical	Pass
4	5178.200	100.03	-3.14	--	--	Peak	193.00	150	Vertical	N/A
4**	5178.200	92.37	-3.14	--	--	AV	193.00	150	Vertical	N/A
5	7409.688	49.83	-1.76	74.0	-24.17	Peak	116.00	150	Vertical	Pass
5**	7409.688	41.03	-1.76	54.0	-12.97	AV	116.00	150	Vertical	Pass
6	11681.937	50.82	2.43	74.0	-23.18	Peak	235.00	150	Vertical	Pass
6**	11681.937	42.56	2.43	54.0	-11.44	AV	235.00	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	1142.400	37.83	-18.38	74.0	-36.17	Peak	64.00	150	Horizontal	Pass
1**	1142.400	28.08	-18.38	54.0	-25.92	AV	64.00	150	Horizontal	Pass
2	1521.900	38.73	-17.67	74.0	-35.27	Peak	42.00	150	Horizontal	Pass
2**	1521.900	29.98	-17.67	54.0	-24.02	AV	42.00	150	Horizontal	Pass
3	4090.000	48.63	-5.03	74.0	-25.37	Peak	289.00	150	Horizontal	Pass
3**	4090.000	39.30	-5.03	54.0	-14.70	AV	289.00	150	Horizontal	Pass
4	5221.200	108.87	-3.42	--	--	Peak	208.00	150	Horizontal	N/A
4**	5221.200	101.13	-3.42	--	--	AV	208.00	150	Horizontal	N/A
5	7406.813	49.45	-1.73	74.0	-24.55	Peak	326.00	150	Horizontal	Pass
5**	7406.813	39.80	-1.73	54.0	-14.20	AV	326.00	150	Horizontal	Pass
6	11666.125	50.85	2.49	74.0	-23.15	Peak	76.00	150	Horizontal	Pass
6**	11666.125	42.31	2.49	54.0	-11.69	AV	76.00	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	1100.300	37.27	-18.48	74.0	-36.73	Peak	120.00	150	Vertical	Pass
1**	1100.300	27.21	-18.48	54.0	-26.79	AV	120.00	150	Vertical	Pass
2	1463.300	39.11	-17.69	74.0	-34.89	Peak	109.00	150	Vertical	Pass
2**	1463.300	29.62	-17.69	54.0	-24.38	AV	109.00	150	Vertical	Pass
3	4280.000	48.73	-4.82	74.0	-25.27	Peak	300.00	150	Vertical	Pass
3**	4280.000	38.76	-4.82	54.0	-15.24	AV	300.00	150	Vertical	Pass
4	5221.800	100.45	-3.43	--	--	Peak	191.00	150	Vertical	N/A
4**	5221.800	92.89	-3.43	--	--	AV	191.00	150	Vertical	N/A
5	7407.100	49.82	-1.73	74.0	-24.18	Peak	316.00	150	Vertical	Pass
5**	7407.100	40.04	-1.73	54.0	-13.96	AV	316.00	150	Vertical	Pass
6	11664.400	50.98	2.50	74.0	-23.02	Peak	17.00	150	Vertical	Pass
6**	11664.400	41.89	2.50	54.0	-12.11	AV	17.00	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	1187.200	37.86	-18.31	74.0	-36.14	Peak	201.00	150	Horizontal	Pass
1**	1187.200	28.77	-18.31	54.0	-25.23	AV	201.00	150	Horizontal	Pass
2	1453.100	39.16	-17.62	74.0	-34.84	Peak	124.00	150	Horizontal	Pass
2**	1453.100	29.07	-17.62	54.0	-24.93	AV	124.00	150	Horizontal	Pass
3	4314.800	49.24	-5.03	74.0	-24.76	Peak	0.00	150	Horizontal	Pass
3**	4314.800	40.27	-5.03	54.0	-13.73	AV	0.00	150	Horizontal	Pass
4	5241.200	109.11	-3.70	--	--	Peak	210.00	150	Horizontal	N/A
4**	5241.200	101.65	-3.70	--	--	AV	210.00	150	Horizontal	N/A
5	7405.663	48.64	-1.74	74.0	-25.36	Peak	234.00	150	Horizontal	Pass
5**	7405.663	39.81	-1.74	54.0	-14.19	AV	234.00	150	Horizontal	Pass
6	11696.600	50.79	2.33	74.0	-23.21	Peak	112.00	150	Horizontal	Pass
6**	11696.600	42.08	2.33	54.0	-11.92	AV	112.00	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	1045.800	37.52	-18.43	74.0	-36.48	Peak	285.00	150	Vertical	Pass
1**	1045.800	27.82	-18.43	54.0	-26.18	AV	285.00	150	Vertical	Pass
2	1467.900	38.85	-17.69	74.0	-35.15	Peak	81.00	150	Vertical	Pass
2**	1467.900	29.58	-17.69	54.0	-24.42	AV	81.00	150	Vertical	Pass
3	4249.600	48.65	-4.72	74.0	-25.35	Peak	210.00	150	Vertical	Pass
3**	4249.600	40.10	-4.72	54.0	-13.90	AV	210.00	150	Vertical	Pass
4	5241.800	100.19	-3.71	--	--	Peak	188.00	150	Vertical	N/A
4**	5241.800	93.21	-3.71	--	--	AV	188.00	150	Vertical	N/A
5	7426.075	49.09	-2.12	74.0	-24.91	Peak	178.00	150	Vertical	Pass
5**	7426.075	39.54	-2.12	54.0	-14.46	AV	178.00	150	Vertical	Pass
6	11690.849	51.15	2.38	74.0	-22.85	Peak	0.00	150	Vertical	Pass
6**	11690.849	41.45	2.38	54.0	-12.55	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1139.800	38.24	-18.36	74.0	-35.76	Peak	308.00	150	Horizontal	Pass
1**	1139.800	27.73	-18.36	54.0	-26.27	AV	308.00	150	Horizontal	Pass
2	1479.900	38.75	-17.76	74.0	-35.25	Peak	341.00	150	Horizontal	Pass
2**	1479.900	29.28	-17.76	54.0	-24.72	AV	341.00	150	Horizontal	Pass
3	4076.600	49.46	-5.23	74.0	-24.54	Peak	47.00	150	Horizontal	Pass
3**	4076.600	39.02	-5.23	54.0	-14.98	AV	47.00	150	Horizontal	Pass
4	5179.200	106.56	-3.15	--	--	Peak	210.00	150	Horizontal	N/A
4**	5179.200	99.46	-3.15	--	--	AV	210.00	150	Horizontal	N/A
5	7409.400	48.83	-1.75	74.0	-25.17	Peak	28.00	150	Horizontal	Pass
5**	7409.400	40.39	-1.75	54.0	-13.61	AV	28.00	150	Horizontal	Pass
6	11681.937	51.00	2.43	74.0	-23.00	Peak	355.00	150	Horizontal	Pass
6**	11681.937	41.83	2.43	54.0	-12.17	AV	355.00	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	1106.700	37.47	-18.39	74.0	-36.53	Peak	270.00	150	Vertical	Pass
1**	1106.700	28.38	-18.39	54.0	-25.62	AV	270.00	150	Vertical	Pass
2	1555.300	39.01	-17.77	74.0	-34.99	Peak	159.00	150	Vertical	Pass
2**	1555.300	29.44	-17.77	54.0	-24.56	AV	159.00	150	Vertical	Pass
3	4229.800	49.31	-4.95	74.0	-24.69	Peak	129.00	150	Vertical	Pass
3**	4229.800	38.97	-4.95	54.0	-15.03	AV	129.00	150	Vertical	Pass
4	5177.400	97.56	-3.15	--	--	Peak	203.00	150	Vertical	N/A
4**	5177.400	89.88	-3.15	--	--	AV	203.00	150	Vertical	N/A
5	7394.737	49.32	-1.59	74.0	-24.68	Peak	223.00	150	Vertical	Pass
5**	7394.737	40.40	-1.59	54.0	-13.60	AV	223.00	150	Vertical	Pass
6	11687.687	50.84	2.40	74.0	-23.16	Peak	289.00	150	Vertical	Pass
6**	11687.687	41.78	2.40	54.0	-12.22	AV	289.00	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	1148.500	38.02	-18.39	74.0	-35.98	Peak	140.00	150	Horizontal	Pass
1**	1148.500	28.37	-18.39	54.0	-25.63	AV	140.00	150	Horizontal	Pass
2	1544.400	39.10	-17.79	74.0	-34.90	Peak	84.00	150	Horizontal	Pass
2**	1544.400	29.34	-17.79	54.0	-24.66	AV	84.00	150	Horizontal	Pass
3	4845.600	50.70	-3.51	74.0	-23.30	Peak	160.00	150	Horizontal	Pass
3**	4845.600	40.71	-3.51	54.0	-13.29	AV	160.00	150	Horizontal	Pass
4	5218.600	107.63	-3.47	--	--	Peak	211.00	150	Horizontal	N/A
4**	5218.600	99.43	-3.47	--	--	AV	211.00	150	Horizontal	N/A
5	7408.538	50.16	-1.74	74.0	-23.84	Peak	360.00	150	Horizontal	Pass
5**	7408.538	40.11	-1.74	54.0	-13.89	AV	360.00	150	Horizontal	Pass
6	11685.100	50.49	2.42	74.0	-23.51	Peak	252.00	150	Horizontal	Pass
6**	11685.100	42.31	2.42	54.0	-11.69	AV	252.00	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	1095.000	37.33	-18.57	74.0	-36.67	Peak	124.00	150	Vertical	Pass
1**	1095.000	28.14	-18.57	54.0	-25.86	AV	124.00	150	Vertical	Pass
2	1490.000	38.59	-17.72	74.0	-35.41	Peak	185.00	150	Vertical	Pass
2**	1490.000	29.67	-17.72	54.0	-24.33	AV	185.00	150	Vertical	Pass
3	4017.800	48.79	-5.77	74.0	-25.21	Peak	328.00	150	Vertical	Pass
3**	4017.800	38.42	-5.77	54.0	-15.58	AV	328.00	150	Vertical	Pass
4	5219.000	98.65	-3.48	--	--	Peak	188.00	150	Vertical	N/A
4**	5219.000	91.43	-3.48	--	--	AV	188.00	150	Vertical	N/A
5	7418.025	49.38	-2.02	74.0	-24.62	Peak	345.00	150	Vertical	Pass
5**	7418.025	39.20	-2.02	54.0	-14.80	AV	345.00	150	Vertical	Pass
6	11694.588	50.64	2.35	74.0	-23.36	Peak	64.00	150	Vertical	Pass
6**	11694.588	41.61	2.35	54.0	-12.39	AV	64.00	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	1162.200	37.28	-18.41	74.0	-36.72	Peak	272.00	150	Horizontal	Pass
1**	1162.200	27.63	-18.41	54.0	-26.37	AV	272.00	150	Horizontal	Pass
2	1509.400	38.81	-17.81	74.0	-35.19	Peak	30.00	150	Horizontal	Pass
2**	1509.400	29.11	-17.81	54.0	-24.89	AV	30.00	150	Horizontal	Pass
3	4194.400	49.33	-5.29	74.0	-24.67	Peak	194.00	150	Horizontal	Pass
3**	4194.400	39.87	-5.29	54.0	-14.13	AV	194.00	150	Horizontal	Pass
4	5238.200	106.15	-3.65	--	--	Peak	186.00	150	Horizontal	N/A
4**	5238.200	98.50	-3.65	--	--	AV	186.00	150	Horizontal	N/A
5	7439.875	49.32	-2.34	74.0	-24.68	Peak	307.00	150	Horizontal	Pass
5**	7439.875	38.83	-2.34	54.0	-15.17	AV	307.00	150	Horizontal	Pass
6	11219.925	50.62	0.31	74.0	-23.38	Peak	271.00	150	Horizontal	Pass
6**	11219.925	41.15	0.31	54.0	-12.85	AV	271.00	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	1116.700	37.13	-18.44	74.0	-36.87	Peak	197.00	150	Vertical	Pass
1**	1116.700	28.54	-18.44	54.0	-25.46	AV	197.00	150	Vertical	Pass
2	1448.400	39.08	-17.66	74.0	-34.92	Peak	185.00	150	Vertical	Pass
2**	1448.400	29.07	-17.66	54.0	-24.93	AV	185.00	150	Vertical	Pass
3	4059.200	48.67	-5.49	74.0	-25.33	Peak	26.00	150	Vertical	Pass
3**	4059.200	39.39	-5.49	54.0	-14.61	AV	26.00	150	Vertical	Pass
4	5238.200	100.07	-3.65	--	--	Peak	189.00	150	Vertical	N/A
4**	5238.200	92.43	-3.65	--	--	AV	189.00	150	Vertical	N/A
5	7395.025	49.57	-1.57	74.0	-24.43	Peak	41.00	150	Vertical	Pass
5**	7395.025	40.09	-1.57	54.0	-13.91	AV	41.00	150	Vertical	Pass
6	11754.675	51.14	1.50	74.0	-22.86	Peak	202.00	150	Vertical	Pass
6**	11754.675	40.99	1.50	54.0	-13.01	AV	202.00	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	1116.700	37.13	-18.44	74.0	-36.87	Peak	197.00	150	Vertical	Pass
1**	1116.700	28.54	-18.44	54.0	-25.46	AV	197.00	150	Vertical	Pass
2	1448.400	39.08	-17.66	74.0	-34.92	Peak	185.00	150	Vertical	Pass
2**	1448.400	29.07	-17.66	54.0	-24.93	AV	185.00	150	Vertical	Pass
3	4059.200	48.67	-5.49	74.0	-25.33	Peak	26.00	150	Vertical	Pass
3**	4059.200	39.39	-5.49	54.0	-14.61	AV	26.00	150	Vertical	Pass
4	5238.200	100.07	-3.65	--	--	Peak	189.00	150	Vertical	N/A
4**	5238.200	92.43	-3.65	--	--	AV	189.00	150	Vertical	N/A
5	7395.025	49.57	-1.57	74.0	-24.43	Peak	41.00	150	Vertical	Pass
5**	7395.025	40.09	-1.57	54.0	-13.91	AV	41.00	150	Vertical	Pass
6	11754.675	51.14	1.50	74.0	-22.86	Peak	202.00	150	Vertical	Pass
6**	11754.675	40.99	1.50	54.0	-13.01	AV	202.00	150	Vertical	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	1041.400	37.77	-18.57	74.0	-36.23	Peak	32.00	150	Vertical	Pass
1**	1041.400	26.97	-18.57	54.0	-27.03	AV	32.00	150	Vertical	Pass
2	1528.200	38.43	-17.73	74.0	-35.57	Peak	49.00	150	Vertical	Pass
2**	1528.200	28.67	-17.73	54.0	-25.33	AV	49.00	150	Vertical	Pass
3	4218.600	48.85	-4.76	74.0	-25.15	Peak	128.00	150	Vertical	Pass
3**	4218.600	39.20	-4.76	54.0	-14.80	AV	128.00	150	Vertical	Pass
4	5193.000	97.02	-3.29	--	--	Peak	180.00	150	Vertical	N/A
4**	5193.000	89.01	-3.29	--	--	AV	180.00	150	Vertical	N/A
5	7421.475	48.88	-2.07	74.0	-25.12	Peak	5.00	150	Vertical	Pass
5**	7421.475	39.71	-2.07	54.0	-14.29	AV	5.00	150	Vertical	Pass
6	11679.925	51.24	2.44	74.0	-22.76	Peak	241.00	150	Vertical	Pass
6**	11679.925	42.30	2.44	54.0	-11.70	AV	241.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1154.400	38.19	-18.41	74.0	-35.81	Peak	126.00	150	Horizontal	Pass
1**	1154.400	28.00	-18.41	54.0	-26.00	AV	126.00	150	Horizontal	Pass
2	1515.400	39.07	-17.77	74.0	-34.93	Peak	286.00	150	Horizontal	Pass
2**	1515.400	29.37	-17.77	54.0	-24.63	AV	286.00	150	Horizontal	Pass
3	4087.600	48.74	-4.97	74.0	-25.26	Peak	264.00	150	Horizontal	Pass
3**	4087.600	39.33	-4.97	54.0	-14.67	AV	264.00	150	Horizontal	Pass
4	5227.600	103.17	-3.50	--	-100.83	Peak	204.00	150	Horizontal	N/A
4**	5227.600	94.89	-3.50	--	94.89	AV	204.00	150	Horizontal	N/A
5	7551.138	49.31	-1.58	74.0	-24.69	Peak	290.00	150	Horizontal	Pass
5**	7551.138	39.86	-1.58	54.0	-14.14	AV	290.00	150	Horizontal	Pass
6	11677.338	52.44	2.45	74.0	-21.56	Peak	196.00	150	Horizontal	Pass
6**	11677.338	42.90	2.45	54.0	-11.10	AV	196.00	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	1107.200	36.93	-18.37	74.0	-37.07	Peak	360.00	150	Vertical	Pass
1**	1107.200	27.93	-18.37	54.0	-26.07	AV	360.00	150	Vertical	Pass
2	1489.900	38.87	-17.72	74.0	-35.13	Peak	73.00	150	Vertical	Pass
2**	1489.900	29.76	-17.72	54.0	-24.24	AV	73.00	150	Vertical	Pass
3	3660.000	47.71	-6.92	74.0	-26.29	Peak	86.00	150	Vertical	Pass
3**	3660.000	38.82	-6.92	54.0	-15.18	AV	86.00	150	Vertical	Pass
4	5233.800	96.29	-3.62	--	--	Peak	176.00	150	Vertical	N/A
4**	5233.800	88.68	-3.62	--	--	AV	176.00	150	Vertical	N/A
5	7406.237	49.13	-1.74	74.0	-24.87	Peak	91.00	150	Vertical	Pass
5**	7406.237	41.13	-1.74	54.0	-12.87	AV	91.00	150	Vertical	Pass
6	11689.125	50.91	2.39	74.0	-23.09	Peak	101.00	150	Vertical	Pass
6**	11689.125	41.76	2.39	54.0	-12.24	AV	101.00	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	1031.400	37.55	-18.42	74.0	-36.45	Peak	135.00	150	Horizontal	Pass
1**	1031.400	27.65	-18.42	54.0	-26.35	AV	135.00	150	Horizontal	Pass
2	1464.700	39.43	-17.69	74.0	-34.57	Peak	239.00	150	Horizontal	Pass
2**	1464.700	29.60	-17.69	54.0	-24.40	AV	239.00	150	Horizontal	Pass
3	4224.800	48.83	-4.80	74.0	-25.17	Peak	0.00	150	Horizontal	Pass
3**	4224.800	40.21	-4.80	54.0	-13.79	AV	0.00	150	Horizontal	Pass
4	5178.400	105.91	-3.14	--	--	Peak	190.00	150	Horizontal	N/A
4**	5178.400	98.38	-3.14	--	--	AV	190.00	150	Horizontal	N/A
5	7422.913	49.35	-2.12	74.0	-24.65	Peak	55.00	150	Horizontal	Pass
5**	7422.913	40.08	-2.12	54.0	-13.92	AV	55.00	150	Horizontal	Pass
6	11673.600	51.77	2.46	74.0	-22.23	Peak	355.00	150	Horizontal	Pass
6**	11673.600	41.98	2.46	54.0	-12.02	AV	355.00	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	1216.100	38.61	-17.98	74.0	-35.39	Peak	109.00	150	Vertical	Pass
1**	1216.100	28.37	-17.98	54.0	-25.63	AV	109.00	150	Vertical	Pass
2	1525.300	38.62	-17.73	74.0	-35.38	Peak	87.00	150	Vertical	Pass
2**	1525.300	29.66	-17.73	54.0	-24.34	AV	87.00	150	Vertical	Pass
3	4014.800	48.20	-5.77	74.0	-25.80	Peak	182.00	150	Vertical	Pass
3**	4014.800	38.19	-5.77	54.0	-15.81	AV	182.00	150	Vertical	Pass
4	5177.600	98.19	-3.15	--	--	Peak	182.00	150	Vertical	N/A
4**	5177.600	91.08	-3.15	--	--	AV	182.00	150	Vertical	N/A
5	7342.987	49.04	-2.52	74.0	-24.96	Peak	271.00	150	Vertical	Pass
5**	7342.987	39.90	-2.52	54.0	-14.10	AV	271.00	150	Vertical	Pass
6	12193.974	51.03	2.47	74.0	-22.97	Peak	336.00	150	Vertical	Pass
6**	12193.974	41.18	2.47	54.0	-12.82	AV	336.00	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	1042.300	37.06	-18.54	74.0	-36.94	Peak	186.00	150	Horizontal	Pass
1**	1042.300	28.49	-18.54	54.0	-25.51	AV	186.00	150	Horizontal	Pass
2	1534.000	39.50	-17.80	74.0	-34.50	Peak	340.00	150	Horizontal	Pass
2**	1534.000	29.24	-17.80	54.0	-24.76	AV	340.00	150	Horizontal	Pass
3	4291.600	49.13	-4.76	74.0	-24.87	Peak	20.00	150	Horizontal	Pass
3**	4291.600	39.75	-4.76	54.0	-14.25	AV	20.00	150	Horizontal	Pass
4	5218.400	106.58	-3.46	--	--	Peak	211.00	150	Horizontal	N/A
4**	5218.400	99.39	-3.46	--	--	AV	211.00	150	Horizontal	N/A
5	7386.975	49.04	-1.73	74.0	-24.96	Peak	83.00	150	Horizontal	Pass
5**	7386.975	40.06	-1.73	54.0	-13.94	AV	83.00	150	Horizontal	Pass
6	11681.075	51.57	2.43	74.0	-22.43	Peak	289.00	150	Horizontal	Pass
6**	11681.075	43.03	2.43	54.0	-10.97	AV	289.00	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	1092.900	38.19	-18.62	74.0	-35.81	Peak	51.00	150	Vertical	Pass
1**	1092.900	27.92	-18.62	54.0	-26.08	AV	51.00	150	Vertical	Pass
2	1553.400	38.66	-17.71	74.0	-35.34	Peak	0.00	150	Vertical	Pass
2**	1553.400	29.75	-17.71	54.0	-24.25	AV	0.00	150	Vertical	Pass
3	4003.600	48.05	-5.59	74.0	-25.95	Peak	210.00	150	Vertical	Pass
3**	4003.600	38.30	-5.59	54.0	-15.70	AV	210.00	150	Vertical	Pass
4	5222.400	98.73	-3.45	--	--	Peak	210.00	150	Vertical	N/A
4**	5222.400	91.28	-3.45	--	--	AV	210.00	150	Vertical	N/A
5	7437.287	49.16	-2.34	74.0	-24.84	Peak	316.00	150	Vertical	Pass
5**	7437.287	38.99	-2.34	54.0	-15.01	AV	316.00	150	Vertical	Pass
6	12233.362	51.56	2.63	74.0	-22.44	Peak	270.00	150	Vertical	Pass
6**	12233.362	41.54	2.63	54.0	-12.46	AV	270.00	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	1064.700	37.43	-18.58	74.0	-36.57	Peak	10.00	150	Horizontal	Pass
1**	1064.700	27.48	-18.58	54.0	-26.52	AV	10.00	150	Horizontal	Pass
2	1516.000	39.63	-17.76	74.0	-34.37	Peak	226.00	150	Horizontal	Pass
2**	1516.000	30.07	-17.76	54.0	-23.93	AV	226.00	150	Horizontal	Pass
3	4285.200	49.37	-4.71	74.0	-24.63	Peak	0.00	150	Horizontal	Pass
3**	4285.200	39.62	-4.71	54.0	-14.38	AV	0.00	150	Horizontal	Pass
4	5241.200	105.54	-3.70	--	--	Peak	188.00	150	Horizontal	N/A
4**	5241.200	98.12	-3.70	--	--	AV	188.00	150	Horizontal	N/A
5	7387.262	49.69	-1.73	74.0	-24.31	Peak	2.00	150	Horizontal	Pass
5**	7387.262	39.81	-1.73	54.0	-14.19	AV	2.00	150	Horizontal	Pass
6	11702.925	51.46	2.26	74.0	-22.54	Peak	210.00	150	Horizontal	Pass
6**	11702.925	41.89	2.26	54.0	-12.11	AV	210.00	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	1109.500	37.82	-18.51	74.0	-36.18	Peak	155.00	150	Vertical	Pass
1**	1109.500	27.69	-18.51	54.0	-26.31	AV	155.00	150	Vertical	Pass
2	1532.800	38.33	-17.77	74.0	-35.67	Peak	21.00	150	Vertical	Pass
2**	1532.800	29.06	-17.77	54.0	-24.94	AV	21.00	150	Vertical	Pass
3	4000.800	48.64	-5.67	74.0	-25.36	Peak	355.00	150	Vertical	Pass
3**	4000.800	38.14	-5.67	54.0	-15.86	AV	355.00	150	Vertical	Pass
4	5238.400	99.37	-3.65	--	--	Peak	184.00	150	Vertical	N/A
4**	5238.400	91.39	-3.65	--	--	AV	184.00	150	Vertical	N/A
5	7426.362	48.75	-2.12	74.0	-25.25	Peak	316.00	150	Vertical	Pass
5**	7426.362	39.86	-2.12	54.0	-14.14	AV	316.00	150	Vertical	Pass
6	11675.900	51.49	2.45	74.0	-22.51	Peak	316.00	150	Vertical	Pass
6**	11675.900	42.76	2.45	54.0	-11.24	AV	316.00	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	1128.400	37.82	-18.41	74.0	-36.18	Peak	0.00	150	Horizontal	Pass
1**	1128.400	28.29	-18.41	54.0	-25.71	AV	0.00	150	Horizontal	Pass
2	1511.900	38.63	-17.80	74.0	-35.37	Peak	97.00	150	Horizontal	Pass
2**	1511.900	29.87	-17.80	54.0	-24.13	AV	97.00	150	Horizontal	Pass
3	4320.200	48.99	-4.91	74.0	-25.01	Peak	89.00	150	Horizontal	Pass
3**	4320.200	39.10	-4.91	54.0	-14.90	AV	89.00	150	Horizontal	Pass
4	5192.000	100.96	-3.25	--	--	Peak	189.00	150	Horizontal	N/A
4**	5192.000	93.84	-3.25	--	--	AV	189.00	150	Horizontal	N/A
5	7408.538	49.78	-1.74	74.0	-24.22	Peak	325.00	150	Horizontal	Pass
5**	7408.538	40.97	-1.74	54.0	-13.03	AV	325.00	150	Horizontal	Pass
6	12235.662	51.47	2.63	74.0	-22.53	Peak	56.00	150	Horizontal	Pass
6**	12235.662	41.55	2.63	54.0	-12.45	AV	56.00	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	1162.300	37.37	-18.41	74.0	-36.63	Peak	271.00	150	Vertical	Pass
1**	1162.300	28.66	-18.41	54.0	-25.34	AV	271.00	150	Vertical	Pass
2	1530.900	39.06	-17.77	74.0	-34.94	Peak	79.00	150	Vertical	Pass
2**	1530.900	29.67	-17.77	54.0	-24.33	AV	79.00	150	Vertical	Pass
3	4034.800	48.77	-5.35	74.0	-25.23	Peak	35.00	150	Vertical	Pass
3**	4034.800	38.52	-5.35	54.0	-15.48	AV	35.00	150	Vertical	Pass
4	5193.200	93.55	-3.29	--	--	Peak	184.00	150	Vertical	N/A
4**	5193.200	85.49	-3.29	--	--	AV	184.00	150	Vertical	N/A
5	7382.950	48.89	-1.73	74.0	-25.11	Peak	180.00	150	Vertical	Pass
5**	7382.950	39.53	-1.73	54.0	-14.47	AV	180.00	150	Vertical	Pass
6	11657.500	51.07	2.53	74.0	-22.93	Peak	189.00	150	Vertical	Pass
6**	11657.500	42.09	2.53	54.0	-11.91	AV	189.00	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	1130.800	37.30	-18.34	74.0	-36.70	Peak	360.00	150	Horizontal	Pass
1**	1130.800	28.73	-18.34	54.0	-25.27	AV	360.00	150	Horizontal	Pass
2	1463.600	38.74	-17.68	74.0	-35.26	Peak	169.00	150	Horizontal	Pass
2**	1463.600	28.71	-17.68	54.0	-25.29	AV	169.00	150	Horizontal	Pass
3	3688.800	47.03	-7.32	74.0	-26.97	Peak	123.00	150	Horizontal	Pass
3**	3688.800	37.60	-7.32	54.0	-16.40	AV	123.00	150	Horizontal	Pass
4	5225.200	101.09	-3.48	--	--	Peak	182.00	150	Horizontal	N/A
4**	5225.200	93.77	-3.48	--	--	AV	182.00	150	Horizontal	N/A
5	7425.212	49.51	-2.11	74.0	-24.49	Peak	274.00	150	Horizontal	Pass
5**	7425.212	40.17	-2.11	54.0	-13.83	AV	274.00	150	Horizontal	Pass
6	11676.763	50.79	2.45	74.0	-23.21	Peak	274.00	150	Horizontal	Pass
6**	11676.763	41.93	2.45	54.0	-12.07	AV	274.00	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	1129.000	37.68	-18.39	74.0	-36.32	Peak	155.00	150	Vertical	Pass
1**	1129.000	28.59	-18.39	54.0	-25.41	AV	155.00	150	Vertical	Pass
2	1503.100	39.07	-17.75	74.0	-34.93	Peak	269.00	150	Vertical	Pass
2**	1503.100	29.39	-17.75	54.0	-24.61	AV	269.00	150	Vertical	Pass
3	4212.400	49.66	-4.92	74.0	-24.34	Peak	161.00	150	Vertical	Pass
3**	4212.400	39.06	-4.92	54.0	-14.94	AV	161.00	150	Vertical	Pass
4	5232.400	94.83	-3.60	--	--	Peak	190.00	150	Vertical	N/A
4**	5232.400	87.79	-3.60	--	--	AV	190.00	150	Vertical	N/A
5	7422.913	49.17	-2.12	74.0	-24.83	Peak	0.00	150	Vertical	Pass
5**	7422.913	40.31	-2.12	54.0	-13.69	AV	0.00	150	Vertical	Pass
6	11693.725	51.23	2.35	74.0	-22.77	Peak	24.00	150	Vertical	Pass
6**	11693.725	41.72	2.35	54.0	-12.28	AV	24.00	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	1118.200	37.60	-18.38	74.0	-36.40	Peak	192.00	150	Horizontal	Pass
1**	1118.200	28.36	-18.38	54.0	-25.64	AV	192.00	150	Horizontal	Pass
2	1523.400	38.43	-17.67	74.0	-35.57	Peak	1.00	150	Horizontal	Pass
2**	1523.400	29.74	-17.67	54.0	-24.26	AV	1.00	150	Horizontal	Pass
3	4031.400	47.94	-5.38	74.0	-26.06	Peak	17.00	150	Horizontal	Pass
3**	4031.400	38.69	-5.38	54.0	-15.31	AV	17.00	150	Horizontal	Pass
4	5216.000	97.18	-3.41	--	--	Peak	191.00	150	Horizontal	N/A
4**	5216.000	89.08	-3.41	--	--	AV	191.00	150	Horizontal	N/A
5	7477.538	48.82	-1.96	74.0	-25.18	Peak	217.00	150	Horizontal	Pass
5**	7477.538	39.50	-1.96	54.0	-14.50	AV	217.00	150	Horizontal	Pass
6	11695.162	51.09	2.34	74.0	-22.91	Peak	61.00	150	Horizontal	Pass
6**	11695.162	42.47	2.34	54.0	-11.53	AV	61.00	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	1167.200	37.61	-18.50	74.0	-36.39	Peak	342.00	150	Vertical	Pass
1**	1167.200	28.78	-18.50	54.0	-25.22	AV	342.00	150	Vertical	Pass
2	1462.200	38.39	-17.71	74.0	-35.61	Peak	239.00	150	Vertical	Pass
2**	1462.200	28.74	-17.71	54.0	-25.26	AV	239.00	150	Vertical	Pass
3	4263.600	49.33	-4.81	74.0	-24.67	Peak	359.00	150	Vertical	Pass
3**	4263.600	39.37	-4.81	54.0	-14.63	AV	359.00	150	Vertical	Pass
4	5213.800	89.80	-3.42	--	--	Peak	183.00	150	Vertical	N/A
4**	5213.800	81.48	-3.42	--	--	AV	183.00	150	Vertical	N/A
5	7487.600	48.76	-1.85	74.0	-25.24	Peak	173.00	150	Vertical	Pass
5**	7487.600	39.67	-1.85	54.0	-14.33	AV	173.00	150	Vertical	Pass
6	11650.600	50.82	2.55	74.0	-23.18	Peak	99.00	150	Vertical	Pass
6**	11650.600	42.24	2.55	54.0	-11.76	AV	99.00	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	1104.800	37.15	-18.46	74.0	-36.85	Peak	360.00	150	Horizontal	Pass
1**	1104.800	27.85	-18.46	54.0	-26.15	AV	360.00	150	Horizontal	Pass
2	1524.200	38.37	-17.69	74.0	-35.63	Peak	269.00	150	Horizontal	Pass
2**	1524.200	28.83	-17.69	54.0	-25.17	AV	269.00	150	Horizontal	Pass
3	4126.200	48.15	-5.62	74.0	-25.85	Peak	279.00	150	Horizontal	Pass
3**	4126.200	39.17	-5.62	54.0	-14.83	AV	279.00	150	Horizontal	Pass
4	5261.000	106.96	-3.81	--	--	Peak	214.00	150	Horizontal	N/A
4**	5261.000	99.66	-3.81	--	--	AV	214.00	150	Horizontal	N/A
5	7540.500	49.18	-1.66	74.0	-24.82	Peak	23.00	150	Horizontal	Pass
5**	7540.500	39.26	-1.66	54.0	-14.74	AV	23.00	150	Horizontal	Pass
6	11694.300	51.74	2.35	74.0	-22.26	Peak	0.00	150	Horizontal	Pass
6**	11694.300	42.10	2.35	54.0	-11.90	AV	0.00	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	1152.600	37.87	-18.34	74.0	-36.13	Peak	331.00	150	Vertical	Pass
1**	1152.600	28.07	-18.34	54.0	-25.93	AV	331.00	150	Vertical	Pass
2	1493.800	38.38	-17.80	74.0	-35.62	Peak	195.00	150	Vertical	Pass
2**	1493.800	29.53	-17.80	54.0	-24.47	AV	195.00	150	Vertical	Pass
3	4162.400	48.61	-5.09	74.0	-25.39	Peak	18.00	150	Vertical	Pass
3**	4162.400	38.86	-5.09	54.0	-15.14	AV	18.00	150	Vertical	Pass
4	5259.200	100.43	-3.81	--	--	Peak	189.00	150	Vertical	N/A
4**	5259.200	92.96	-3.81	--	--	AV	189.00	150	Vertical	N/A
5	7428.663	49.31	-2.20	74.0	-24.69	Peak	309.00	150	Vertical	Pass
5**	7428.663	39.27	-2.20	54.0	-14.73	AV	309.00	150	Vertical	Pass
6	11672.450	51.57	2.47	74.0	-22.43	Peak	71.00	150	Vertical	Pass
6**	11672.450	42.28	2.47	54.0	-11.72	AV	71.00	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	1131.900	37.34	-18.34	74.0	-36.66	Peak	85.00	150	Horizontal	Pass
1**	1131.900	28.25	-18.34	54.0	-25.75	AV	85.00	150	Horizontal	Pass
2	1548.200	38.92	-17.72	74.0	-35.08	Peak	241.00	150	Horizontal	Pass
2**	1548.200	29.73	-17.72	54.0	-24.27	AV	241.00	150	Horizontal	Pass
3	4106.800	48.34	-5.35	74.0	-25.66	Peak	299.00	150	Horizontal	Pass
3**	4106.800	39.32	-5.35	54.0	-14.68	AV	299.00	150	Horizontal	Pass
4	5298.600	108.29	-3.35	--	--	Peak	210.00	150	Horizontal	N/A
4**	5298.600	100.54	-3.35	--	--	AV	210.00	150	Horizontal	N/A
5	7399.337	49.30	-1.60	74.0	-24.70	Peak	149.00	150	Horizontal	Pass
5**	7399.337	40.53	-1.60	54.0	-13.47	AV	149.00	150	Horizontal	Pass
6	11655.487	51.38	2.53	74.0	-22.62	Peak	0.00	150	Horizontal	Pass
6**	11655.487	41.84	2.53	54.0	-12.16	AV	0.00	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	1061.700	37.10	-18.64	74.0	-36.90	Peak	360.00	150	Vertical	Pass
1**	1061.700	28.46	-18.64	54.0	-25.54	AV	360.00	150	Vertical	Pass
2	1544.100	38.80	-17.77	74.0	-35.20	Peak	250.00	150	Vertical	Pass
2**	1544.100	28.98	-17.77	54.0	-25.02	AV	250.00	150	Vertical	Pass
3	4107.200	48.30	-5.36	74.0	-25.70	Peak	181.00	150	Vertical	Pass
3**	4107.200	38.34	-5.36	54.0	-15.66	AV	181.00	150	Vertical	Pass
4	5298.800	102.11	-3.34	--	--	Peak	192.00	150	Vertical	N/A
4**	5298.800	94.84	-3.34	--	--	AV	192.00	150	Vertical	N/A
5	7474.950	49.34	-1.96	74.0	-24.66	Peak	39.00	150	Vertical	Pass
5**	7474.950	39.99	-1.96	54.0	-14.01	AV	39.00	150	Vertical	Pass
6	10996.250	51.26	0.69	74.0	-22.74	Peak	215.00	150	Vertical	Pass
6**	10996.250	40.25	0.69	54.0	-13.75	AV	215.00	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	1209.600	37.88	-18.12	74.0	-36.12	Peak	280.00	150	Horizontal	Pass
1**	1209.600	28.12	-18.12	54.0	-25.88	AV	280.00	150	Horizontal	Pass
2	1513.800	38.68	-17.80	74.0	-35.32	Peak	221.00	150	Horizontal	Pass
2**	1513.800	29.86	-17.80	54.0	-24.14	AV	221.00	150	Horizontal	Pass
3	4258.600	49.14	-4.77	74.0	-24.86	Peak	8.00	150	Horizontal	Pass
3**	4258.600	39.57	-4.77	54.0	-14.43	AV	8.00	150	Horizontal	Pass
4	5317.400	107.21	-3.23	--	--	Peak	212.00	150	Horizontal	N/A
4**	5317.400	99.90	-3.23	--	--	AV	212.00	150	Horizontal	N/A
5	7388.125	49.59	-1.73	74.0	-24.41	Peak	360.00	150	Horizontal	Pass
5**	7388.125	40.10	-1.73	54.0	-13.90	AV	360.00	150	Horizontal	Pass
6	11712.412	51.72	2.11	74.0	-22.28	Peak	315.00	150	Horizontal	Pass
6**	11712.412	41.97	2.11	54.0	-12.03	AV	315.00	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	1106.400	36.90	-18.40	74.0	-37.10	Peak	352.00	150	Vertical	Pass
1**	1106.400	28.99	-18.40	54.0	-25.01	AV	352.00	150	Vertical	Pass
2	1501.600	39.19	-17.69	74.0	-34.81	Peak	340.00	150	Vertical	Pass
2**	1501.600	29.38	-17.69	54.0	-24.62	AV	340.00	150	Vertical	Pass
3	3783.800	47.99	-5.55	74.0	-26.01	Peak	264.00	150	Vertical	Pass
3**	3783.800	37.74	-5.55	54.0	-16.26	AV	264.00	150	Vertical	Pass
4	5321.000	100.16	-3.24	--	--	Peak	170.00	150	Vertical	N/A
4**	5321.000	93.25	-3.24	--	--	AV	170.00	150	Vertical	N/A
5	7487.025	48.54	-1.85	74.0	-25.46	Peak	0.00	150	Vertical	Pass
5**	7487.025	39.52	-1.85	54.0	-14.48	AV	0.00	150	Vertical	Pass
6	11685.963	51.57	2.41	74.0	-22.43	Peak	267.00	150	Vertical	Pass
6**	11685.963	42.82	2.41	54.0	-11.18	AV	267.00	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	1214.000	37.99	-17.96	74.0	-36.01	Peak	160.00	150	Horizontal	Pass
1**	1214.000	28.80	-17.96	54.0	-25.20	AV	160.00	150	Horizontal	Pass
2	1548.000	38.30	-17.73	74.0	-35.70	Peak	292.00	150	Horizontal	Pass
2**	1548.000	29.12	-17.73	54.0	-24.88	AV	292.00	150	Horizontal	Pass
3	4304.800	48.98	-4.90	74.0	-25.02	Peak	360.00	150	Horizontal	Pass
3**	4304.800	39.31	-4.90	54.0	-14.69	AV	360.00	150	Horizontal	Pass
4	5260.800	104.89	-3.81	--	--	Peak	215.00	150	Horizontal	N/A
4**	5260.800	97.62	-3.81	--	--	AV	215.00	150	Horizontal	N/A
5	7395.888	48.62	-1.61	74.0	-25.38	Peak	44.00	150	Horizontal	Pass
5**	7395.888	40.41	-1.61	54.0	-13.59	AV	44.00	150	Horizontal	Pass
6	11667.276	50.98	2.49	74.0	-23.02	Peak	57.00	150	Horizontal	Pass
6**	11667.276	42.41	2.49	54.0	-11.59	AV	57.00	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	1196.400	38.29	-18.19	74.0	-35.71	Peak	169.00	150	Vertical	Pass
1**	1196.400	28.59	-18.19	54.0	-25.41	AV	169.00	150	Vertical	Pass
2	1535.300	38.24	-17.73	74.0	-35.76	Peak	266.00	150	Vertical	Pass
2**	1535.300	29.33	-17.73	54.0	-24.67	AV	266.00	150	Vertical	Pass
3	3996.600	47.98	-5.70	74.0	-26.02	Peak	270.00	150	Vertical	Pass
3**	3996.600	38.29	-5.70	54.0	-15.71	AV	270.00	150	Vertical	Pass
4	5261.600	99.09	-3.81	--	--	Peak	183.00	150	Vertical	N/A
4**	5261.600	91.67	-3.81	--	--	AV	183.00	150	Vertical	N/A
5	7540.788	49.94	-1.66	74.0	-24.06	Peak	130.00	150	Vertical	Pass
5**	7540.788	40.02	-1.66	54.0	-13.98	AV	130.00	150	Vertical	Pass
6	11747.200	51.73	1.59	74.0	-22.27	Peak	313.00	150	Vertical	Pass
6**	11747.200	41.29	1.59	54.0	-12.71	AV	313.00	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	1141.000	37.57	-18.38	74.0	-36.43	Peak	223.00	150	Horizontal	Pass
1**	1141.000	28.13	-18.38	54.0	-25.87	AV	223.00	150	Horizontal	Pass
2	1541.600	38.44	-17.73	74.0	-35.56	Peak	260.00	150	Horizontal	Pass
2**	1541.600	29.47	-17.73	54.0	-24.53	AV	260.00	150	Horizontal	Pass
3	3790.600	47.79	-5.46	74.0	-26.21	Peak	253.00	150	Horizontal	Pass
3**	3790.600	38.01	-5.46	54.0	-15.99	AV	253.00	150	Horizontal	Pass
4	5301.200	105.64	-3.30	--	--	Peak	202.00	150	Horizontal	N/A
4**	5301.200	98.52	-3.30	--	--	AV	202.00	150	Horizontal	N/A
5	7383.813	49.14	-1.75	74.0	-24.86	Peak	89.00	150	Horizontal	Pass
5**	7383.813	40.11	-1.75	54.0	-13.89	AV	89.00	150	Horizontal	Pass
6	11694.875	51.25	2.34	74.0	-22.75	Peak	337.00	150	Horizontal	Pass
6**	11694.875	41.63	2.34	54.0	-12.37	AV	337.00	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	1144.100	37.69	-18.38	74.0	-36.31	Peak	57.00	150	Vertical	Pass
1**	1144.100	28.74	-18.38	54.0	-25.26	AV	57.00	150	Vertical	Pass
2	1485.400	38.50	-17.75	74.0	-35.50	Peak	287.00	150	Vertical	Pass
2**	1485.400	28.58	-17.75	54.0	-25.42	AV	287.00	150	Vertical	Pass
3	4084.800	49.38	-5.04	74.0	-24.62	Peak	60.00	150	Vertical	Pass
3**	4084.800	38.46	-5.04	54.0	-15.54	AV	60.00	150	Vertical	Pass
4	5299.000	98.07	-3.33	--	--	Peak	22.00	150	Vertical	N/A
4**	5299.000	91.57	-3.33	--	--	AV	22.00	150	Vertical	N/A
5	7428.375	49.16	-2.19	74.0	-24.84	Peak	95.00	150	Vertical	Pass
5**	7428.375	40.33	-2.19	54.0	-13.67	AV	95.00	150	Vertical	Pass
6	11688.838	50.67	2.39	74.0	-23.33	Peak	41.00	150	Vertical	Pass
6**	11688.838	41.79	2.39	54.0	-12.21	AV	41.00	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	1220.000	38.36	-18.01	74.0	-35.64	Peak	182.00	150	Horizontal	Pass
1**	1220.000	28.43	-18.01	54.0	-25.57	AV	182.00	150	Horizontal	Pass
2	1530.200	39.81	-17.78	74.0	-34.19	Peak	207.00	150	Horizontal	Pass
2**	1530.200	29.24	-17.78	54.0	-24.76	AV	207.00	150	Horizontal	Pass
3	4159.200	48.02	-5.10	74.0	-25.98	Peak	141.00	150	Horizontal	Pass
3**	4159.200	39.04	-5.10	54.0	-14.96	AV	141.00	150	Horizontal	Pass
4	5318.600	105.13	-3.27	--	--	Peak	184.00	150	Horizontal	N/A
4**	5318.600	97.64	-3.27	--	--	AV	184.00	150	Horizontal	N/A
5	7416.587	48.71	-2.01	74.0	-25.29	Peak	74.00	150	Horizontal	Pass
5**	7416.587	39.34	-2.01	54.0	-14.66	AV	74.00	150	Horizontal	Pass
6	12261.826	50.82	2.56	74.0	-23.18	Peak	231.00	150	Horizontal	Pass
6**	12261.826	41.12	2.56	54.0	-12.88	AV	231.00	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	1073.400	37.34	-18.75	74.0	-36.66	Peak	112.00	150	Vertical	Pass
1**	1073.400	28.61	-18.75	54.0	-25.39	AV	112.00	150	Vertical	Pass
2	1487.600	38.52	-17.73	74.0	-35.48	Peak	5.00	150	Vertical	Pass
2**	1487.600	29.26	-17.73	54.0	-24.74	AV	5.00	150	Vertical	Pass
3	4271.200	48.97	-4.79	74.0	-25.03	Peak	360.00	150	Vertical	Pass
3**	4271.200	40.08	-4.79	54.0	-13.92	AV	360.00	150	Vertical	Pass
4	5320.800	98.73	-3.24	--	--	Peak	191.00	150	Vertical	N/A
4**	5320.800	92.17	-3.24	--	--	AV	191.00	150	Vertical	N/A
5	7407.388	49.17	-1.73	74.0	-24.83	Peak	336.00	150	Vertical	Pass
5**	7407.388	39.84	-1.73	54.0	-14.16	AV	336.00	150	Vertical	Pass
6	11708.387	51.08	2.18	74.0	-22.92	Peak	254.00	150	Vertical	Pass
6**	11708.387	41.44	2.18	54.0	-12.56	AV	254.00	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	1207.000	37.86	-18.22	74.0	-36.14	Peak	177.00	150	Horizontal	Pass
1**	1207.000	28.81	-18.22	54.0	-25.19	AV	177.00	150	Horizontal	Pass
2	1549.600	38.98	-17.69	74.0	-35.02	Peak	144.00	150	Horizontal	Pass
2**	1549.600	29.61	-17.69	54.0	-24.39	AV	144.00	150	Horizontal	Pass
3	4000.200	48.18	-5.64	74.0	-25.82	Peak	204.00	150	Horizontal	Pass
3**	4000.200	37.89	-5.64	54.0	-16.11	AV	204.00	150	Horizontal	Pass
4	5267.800	101.53	-3.78	--	--	Peak	210.00	150	Horizontal	N/A
4**	5267.800	94.05	-3.78	--	--	AV	210.00	150	Horizontal	N/A
5	7534.750	48.99	-1.75	74.0	-25.01	Peak	316.00	150	Horizontal	Pass
5**	7534.750	39.77	-1.75	54.0	-14.23	AV	316.00	150	Horizontal	Pass
6	11667.562	51.51	2.49	74.0	-22.49	Peak	175.00	150	Horizontal	Pass
6**	11667.562	42.21	2.49	54.0	-11.79	AV	175.00	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	1110.600	37.22	-18.47	74.0	-36.78	Peak	103.00	150	Vertical	Pass
1**	1110.600	27.92	-18.47	54.0	-26.08	AV	103.00	150	Vertical	Pass
2	1543.000	39.41	-17.72	74.0	-34.59	Peak	25.00	150	Vertical	Pass
2**	1543.000	29.86	-17.72	54.0	-24.14	AV	25.00	150	Vertical	Pass
3	4026.600	48.08	-5.49	74.0	-25.92	Peak	0.00	150	Vertical	Pass
3**	4026.600	38.18	-5.49	54.0	-15.82	AV	0.00	150	Vertical	Pass
4	5268.400	93.55	-3.76	--	--	Peak	158.00	150	Vertical	N/A
4**	5268.400	85.96	-3.76	--	--	AV	158.00	150	Vertical	N/A
5	7339.250	49.19	-2.56	74.0	-24.81	Peak	359.00	150	Vertical	Pass
5**	7339.250	39.53	-2.56	54.0	-14.47	AV	359.00	150	Vertical	Pass
6	11657.213	50.86	2.53	74.0	-23.14	Peak	99.00	150	Vertical	Pass
6**	11657.213	41.81	2.53	54.0	-12.19	AV	99.00	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	1118.000	37.31	-18.38	74.0	-36.69	Peak	164.00	150	Horizontal	Pass
1**	1118.000	28.33	-18.38	54.0	-25.67	AV	164.00	150	Horizontal	Pass
2	1525.200	38.75	-17.73	74.0	-35.25	Peak	25.00	150	Horizontal	Pass
2**	1525.200	29.27	-17.73	54.0	-24.73	AV	25.00	150	Horizontal	Pass
3	4060.600	48.71	-5.50	74.0	-25.29	Peak	247.00	150	Horizontal	Pass
3**	4060.600	38.62	-5.50	54.0	-15.38	AV	247.00	150	Horizontal	Pass
4	5307.400	101.20	-3.30	--	--	Peak	209.00	150	Horizontal	N/A
4**	5307.400	93.63	-3.30	--	--	AV	209.00	150	Horizontal	N/A
5	7396.175	49.36	-1.62	74.0	-24.64	Peak	155.00	150	Horizontal	Pass
5**	7396.175	39.87	-1.62	54.0	-14.13	AV	155.00	150	Horizontal	Pass
6	11663.825	51.66	2.50	74.0	-22.34	Peak	296.00	150	Horizontal	Pass
6**	11663.825	42.35	2.50	54.0	-11.65	AV	296.00	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	1106.100	37.05	-18.42	74.0	-36.95	Peak	272.00	150	Vertical	Pass
1**	1106.100	28.50	-18.42	54.0	-25.50	AV	272.00	150	Vertical	Pass
2	1487.900	38.54	-17.73	74.0	-35.46	Peak	155.00	150	Vertical	Pass
2**	1487.900	29.25	-17.73	54.0	-24.75	AV	155.00	150	Vertical	Pass
3	4007.800	48.63	-5.78	74.0	-25.37	Peak	360.00	150	Vertical	Pass
3**	4007.800	38.37	-5.78	54.0	-15.63	AV	360.00	150	Vertical	Pass
4	5313.600	95.62	-3.25	--	--	Peak	187.00	150	Vertical	N/A
4**	5313.600	87.81	-3.25	--	--	AV	187.00	150	Vertical	N/A
5	7375.187	48.98	-1.77	74.0	-25.02	Peak	213.00	150	Vertical	Pass
5**	7375.187	40.52	-1.77	54.0	-13.48	AV	213.00	150	Vertical	Pass
6	11647.725	50.67	2.53	74.0	-23.33	Peak	34.00	150	Vertical	Pass
6**	11647.725	41.07	2.53	54.0	-12.93	AV	34.00	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	1195.700	37.98	-18.19	74.0	-36.02	Peak	103.00	150	Horizontal	Pass
1**	1195.700	28.84	-18.19	54.0	-25.16	AV	103.00	150	Horizontal	Pass
2	1560.600	38.79	-17.63	74.0	-35.21	Peak	120.00	150	Horizontal	Pass
2**	1560.600	29.97	-17.63	54.0	-24.03	AV	120.00	150	Horizontal	Pass
3	4263.600	49.75	-4.81	74.0	-24.25	Peak	10.00	150	Horizontal	Pass
3**	4263.600	39.24	-4.81	54.0	-14.76	AV	10.00	150	Horizontal	Pass
4	5258.200	105.91	-3.82	--	--	Peak	201.00	150	Horizontal	N/A
4**	5258.200	98.31	-3.82	--	--	AV	201.00	150	Horizontal	N/A
5	7391.288	48.82	-1.73	74.0	-25.18	Peak	268.00	150	Horizontal	Pass
5**	7391.288	40.11	-1.73	54.0	-13.89	AV	268.00	150	Horizontal	Pass
6	11676.474	50.90	2.45	74.0	-23.10	Peak	343.00	150	Horizontal	Pass
6**	11676.474	42.85	2.45	54.0	-11.15	AV	343.00	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	1175.900	38.18	-18.48	74.0	-35.82	Peak	259.00	150	Vertical	Pass
1**	1175.900	28.70	-18.48	54.0	-25.30	AV	259.00	150	Vertical	Pass
2	1517.200	38.56	-17.74	74.0	-35.44	Peak	276.00	150	Vertical	Pass
2**	1517.200	29.31	-17.74	54.0	-24.69	AV	276.00	150	Vertical	Pass
3	4256.800	48.82	-4.76	74.0	-25.18	Peak	129.00	150	Vertical	Pass
3**	4256.800	39.63	-4.76	54.0	-14.37	AV	129.00	150	Vertical	Pass
4	5262.000	98.60	-3.80	--	--	Peak	181.00	150	Vertical	N/A
4**	5262.000	90.80	-3.80	--	--	AV	181.00	150	Vertical	N/A
5	7398.475	49.33	-1.62	74.0	-24.67	Peak	304.00	150	Vertical	Pass
5**	7398.475	39.62	-1.62	54.0	-14.38	AV	304.00	150	Vertical	Pass
6	11675.900	50.84	2.45	74.0	-23.16	Peak	360.00	150	Vertical	Pass
6**	11675.900	41.81	2.45	54.0	-12.19	AV	360.00	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	1012.600	37.51	-18.18	74.0	-36.49	Peak	70.00	150	Horizontal	Pass
1**	1012.600	27.25	-18.18	54.0	-26.75	AV	70.00	150	Horizontal	Pass
2	1486.500	38.46	-17.74	74.0	-35.54	Peak	351.00	150	Horizontal	Pass
2**	1486.500	28.94	-17.74	54.0	-25.06	AV	351.00	150	Horizontal	Pass
3	3909.800	47.43	-5.94	74.0	-26.57	Peak	209.00	150	Horizontal	Pass
3**	3909.800	37.47	-5.94	54.0	-16.53	AV	209.00	150	Horizontal	Pass
4	5299.000	105.46	-3.33	--	--	Peak	173.00	150	Horizontal	N/A
4**	5299.000	98.05	-3.33	--	--	AV	173.00	150	Horizontal	N/A
5	7408.825	49.11	-1.75	74.0	-24.89	Peak	285.00	150	Horizontal	Pass
5**	7408.825	40.00	-1.75	54.0	-14.00	AV	285.00	150	Horizontal	Pass
6	11685.963	50.88	2.41	74.0	-23.12	Peak	70.00	150	Horizontal	Pass
6**	11685.963	42.05	2.41	54.0	-11.95	AV	70.00	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	1084.000	37.23	-18.66	74.0	-36.77	Peak	142.00	150	Vertical	Pass
1**	1084.000	27.92	-18.66	54.0	-26.08	AV	142.00	150	Vertical	Pass
2	1515.300	38.56	-17.77	74.0	-35.44	Peak	278.00	150	Vertical	Pass
2**	1515.300	29.21	-17.77	54.0	-24.79	AV	278.00	150	Vertical	Pass
3	4190.400	49.33	-5.29	74.0	-24.67	Peak	156.00	150	Vertical	Pass
3**	4190.400	38.94	-5.29	54.0	-15.06	AV	156.00	150	Vertical	Pass
4	5302.600	98.85	-3.28	--	--	Peak	179.00	150	Vertical	N/A
4**	5302.600	91.35	-3.28	--	--	AV	179.00	150	Vertical	N/A
5	7407.100	49.89	-1.73	74.0	-24.11	Peak	109.00	150	Vertical	Pass
5**	7407.100	39.63	-1.73	54.0	-14.37	AV	109.00	150	Vertical	Pass
6	11683.951	51.21	2.42	74.0	-22.79	Peak	81.00	150	Vertical	Pass
6**	11683.951	42.12	2.42	54.0	-11.88	AV	81.00	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	1139.100	37.39	-18.34	74.0	-36.61	Peak	338.00	150	Horizontal	Pass
1**	1139.100	28.62	-18.34	54.0	-25.38	AV	338.00	150	Horizontal	Pass
2	1468.800	38.93	-17.66	74.0	-35.07	Peak	25.00	150	Horizontal	Pass
2**	1468.800	29.60	-17.66	54.0	-24.40	AV	25.00	150	Horizontal	Pass
3	4244.200	49.55	-4.87	74.0	-24.45	Peak	267.00	150	Horizontal	Pass
3**	4244.200	39.01	-4.87	54.0	-14.99	AV	267.00	150	Horizontal	Pass
4	5321.000	105.46	-3.24	--	--	Peak	208.00	150	Horizontal	N/A
4**	5321.000	97.62	-3.24	--	--	AV	208.00	150	Horizontal	N/A
5	7493.350	49.21	-1.86	74.0	-24.79	Peak	5.00	150	Horizontal	Pass
5**	7493.350	39.71	-1.86	54.0	-14.29	AV	5.00	150	Horizontal	Pass
6	11765.888	50.93	1.39	74.0	-23.07	Peak	348.00	150	Horizontal	Pass
6**	11765.888	41.45	1.39	54.0	-12.55	AV	348.00	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	1150.100	37.63	-18.33	74.0	-36.37	Peak	0.00	150	Vertical	Pass
1**	1150.100	28.02	-18.33	54.0	-25.98	AV	0.00	150	Vertical	Pass
2	1452.800	38.84	-17.63	74.0	-35.16	Peak	243.00	150	Vertical	Pass
2**	1452.800	29.72	-17.63	54.0	-24.28	AV	243.00	150	Vertical	Pass
3	4189.800	48.64	-5.27	74.0	-25.36	Peak	17.00	150	Vertical	Pass
3**	4189.800	39.38	-5.27	54.0	-14.62	AV	17.00	150	Vertical	Pass
4	5318.400	99.38	-3.27	--	--	Peak	165.00	150	Vertical	N/A
4**	5318.400	92.21	-3.27	--	--	AV	165.00	150	Vertical	N/A
5	7507.438	48.59	-1.84	74.0	-25.41	Peak	307.00	150	Vertical	Pass
5**	7507.438	39.17	-1.84	54.0	-14.83	AV	307.00	150	Vertical	Pass
6	11690.276	50.82	2.38	74.0	-23.18	Peak	307.00	150	Vertical	Pass
6**	11690.276	42.28	2.38	54.0	-11.72	AV	307.00	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	1582.400	39.19	-17.59	74.0	-34.81	Peak	91.00	150	Horizontal	Pass
1**	1582.400	29.13	-17.59	54.0	-24.87	AV	91.00	150	Horizontal	Pass
2	2792.200	44.22	-11.15	74.0	-29.78	Peak	85.00	150	Horizontal	Pass
2**	2792.200	35.06	-11.15	54.0	-18.94	AV	85.00	150	Horizontal	Pass
3	4031.600	48.10	-5.38	74.0	-25.90	Peak	268.00	150	Horizontal	Pass
3**	4031.600	38.91	-5.38	54.0	-15.09	AV	268.00	150	Horizontal	Pass
4	5275.200	102.13	-3.64	--	--	Peak	174.00	150	Horizontal	N/A
4**	5275.200	94.75	-3.64	--	--	AV	174.00	150	Horizontal	N/A
5	7392.150	49.36	-1.71	74.0	-24.64	Peak	360.00	150	Horizontal	Pass
5**	7392.150	40.40	-1.71	54.0	-13.60	AV	360.00	150	Horizontal	Pass
6	11688.549	51.68	2.40	74.0	-22.32	Peak	173.00	150	Horizontal	Pass
6**	11688.549	42.12	2.40	54.0	-11.88	AV	173.00	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	1486.900	38.77	-17.74	74.0	-35.23	Peak	192.00	150	Vertical	Pass
1**	1486.900	29.51	-17.74	54.0	-24.49	AV	192.00	150	Vertical	Pass
2	2877.300	45.84	-10.43	74.0	-28.16	Peak	287.00	150	Vertical	Pass
2**	2877.300	35.46	-10.43	54.0	-18.54	AV	287.00	150	Vertical	Pass
3	4309.400	49.38	-5.03	74.0	-24.62	Peak	360.00	150	Vertical	Pass
3**	4309.400	39.02	-5.03	54.0	-14.98	AV	360.00	150	Vertical	Pass
4	5267.800	93.81	-3.78	--	--	Peak	39.00	150	Vertical	N/A
4**	5267.800	86.36	-3.78	--	--	AV	39.00	150	Vertical	N/A
5	7482.713	49.11	-1.83	74.0	-24.89	Peak	359.00	150	Vertical	Pass
5**	7482.713	39.72	-1.83	54.0	-14.28	AV	359.00	150	Vertical	Pass
6	11673.312	51.17	2.46	74.0	-22.83	Peak	90.00	150	Vertical	Pass
6**	11673.312	41.52	2.46	54.0	-12.48	AV	90.00	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	1568.700	39.13	-17.58	74.0	-34.87	Peak	19.00	150	Horizontal	Pass
1**	1568.700	28.97	-17.58	54.0	-25.03	AV	19.00	150	Horizontal	Pass
2	2805.000	44.41	-11.05	74.0	-29.59	Peak	359.00	150	Horizontal	Pass
2**	2805.000	34.83	-11.05	54.0	-19.17	AV	359.00	150	Horizontal	Pass
3	3768.000	47.47	-6.20	74.0	-26.53	Peak	122.00	150	Horizontal	Pass
3**	3768.000	38.04	-6.20	54.0	-15.96	AV	122.00	150	Horizontal	Pass
4	5305.800	101.79	-3.32	--	--	Peak	181.00	150	Horizontal	N/A
4**	5305.800	92.97	-3.32	--	--	AV	181.00	150	Horizontal	N/A
5	7507.438	49.09	-1.84	74.0	-24.91	Peak	126.00	150	Horizontal	Pass
5**	7507.438	38.48	-1.84	54.0	-15.52	AV	126.00	150	Horizontal	Pass
6	11656.637	51.00	2.53	74.0	-23.00	Peak	191.00	150	Horizontal	Pass
6**	11656.637	42.06	2.53	54.0	-11.94	AV	191.00	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	1571.100	39.56	-17.59	74.0	-34.44	Peak	92.00	150	Vertical	Pass
1**	1571.100	29.46	-17.59	54.0	-24.54	AV	92.00	150	Vertical	Pass
2	2738.900	43.92	-10.68	74.0	-30.08	Peak	97.00	150	Vertical	Pass
2**	2738.900	34.62	-10.68	54.0	-19.38	AV	97.00	150	Vertical	Pass
3	3796.600	47.27	-5.69	74.0	-26.73	Peak	203.00	150	Vertical	Pass
3**	3796.600	38.38	-5.69	54.0	-15.62	AV	203.00	150	Vertical	Pass
4	5311.200	94.79	-3.26	--	--	Peak	188.00	150	Vertical	N/A
4**	5311.200	86.96	-3.26	--	--	AV	188.00	150	Vertical	N/A
5	7532.450	49.44	-1.68	74.0	-24.56	Peak	109.00	150	Vertical	Pass
5**	7532.450	39.36	-1.68	54.0	-14.64	AV	109.00	150	Vertical	Pass
6	11235.162	50.42	0.28	74.0	-23.58	Peak	268.00	150	Vertical	Pass
6**	11235.162	40.42	0.28	54.0	-13.58	AV	268.00	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	1149.400	38.35	-18.35	74.0	-35.65	Peak	282.00	150	Horizontal	Pass
1**	1149.400	28.09	-18.35	54.0	-25.91	AV	282.00	150	Horizontal	Pass
2	2858.700	44.83	-10.57	74.0	-29.17	Peak	226.00	150	Horizontal	Pass
2**	2858.700	35.95	-10.57	54.0	-18.05	AV	226.00	150	Horizontal	Pass
3	4090.800	48.39	-5.06	74.0	-25.61	Peak	360.00	150	Horizontal	Pass
3**	4090.800	39.02	-5.06	54.0	-14.98	AV	360.00	150	Horizontal	Pass
4	5283.400	98.03	-3.52	--	--	Peak	172.00	150	Horizontal	N/A
4**	5283.400	89.72	-3.52	--	--	AV	172.00	150	Horizontal	N/A
5	7404.225	48.67	-1.69	74.0	-25.33	Peak	72.00	150	Horizontal	Pass
5**	7404.225	39.92	-1.69	54.0	-14.08	AV	72.00	150	Horizontal	Pass
6	11720.750	51.15	1.99	74.0	-22.85	Peak	34.00	150	Horizontal	Pass
6**	11720.750	41.96	1.99	54.0	-12.04	AV	34.00	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	1354.500	39.05	-17.57	74.0	-34.95	Peak	305.00	150	Vertical	Pass
1**	1354.500	29.26	-17.57	54.0	-24.74	AV	305.00	150	Vertical	Pass
2	2752.200	45.06	-10.86	74.0	-28.94	Peak	222.00	150	Vertical	Pass
2**	2752.200	34.71	-10.86	54.0	-19.29	AV	222.00	150	Vertical	Pass
3	4198.400	49.61	-5.25	74.0	-24.39	Peak	284.00	150	Vertical	Pass
3**	4198.400	39.34	-5.25	54.0	-14.66	AV	284.00	150	Vertical	Pass
4	5292.800	90.85	-3.37	--	--	Peak	188.00	150	Vertical	N/A
4**	5292.800	83.37	-3.37	--	--	AV	188.00	150	Vertical	N/A
5	7475.812	48.62	-1.95	74.0	-25.38	Peak	323.00	150	Vertical	Pass
5**	7475.812	39.52	-1.95	54.0	-14.48	AV	323.00	150	Vertical	Pass
6	11686.537	50.86	2.41	74.0	-23.14	Peak	5.00	150	Vertical	Pass
6**	11686.537	42.30	2.41	54.0	-11.70	AV	5.00	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	1203.100	40.13	-18.11	74.0	-33.87	Peak	41.00	150	Horizontal	Pass
1**	1203.100	28.73	-18.11	54.0	-25.27	AV	41.00	150	Horizontal	Pass
2	2834.400	44.40	-10.77	74.0	-29.60	Peak	179.00	150	Horizontal	Pass
2**	2834.400	34.88	-10.77	54.0	-19.12	AV	179.00	150	Horizontal	Pass
3	4028.000	47.66	-5.47	74.0	-26.34	Peak	48.00	150	Horizontal	Pass
3**	4028.000	38.00	-5.47	54.0	-16.00	AV	48.00	150	Horizontal	Pass
4	5498.000	107.56	-2.81	--	--	Peak	189.00	150	Horizontal	N/A
4**	5498.000	99.57	-2.81	--	--	AV	189.00	150	Horizontal	N/A
5	7541.362	48.10	-1.65	74.0	-25.90	Peak	360.00	150	Horizontal	Pass
5**	7541.362	39.11	-1.65	54.0	-14.89	AV	360.00	150	Horizontal	Pass
6	11637.088	50.44	2.41	74.0	-23.56	Peak	80.00	150	Horizontal	Pass
6**	11637.088	41.33	2.41	54.0	-12.67	AV	80.00	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	1333.500	40.82	-17.75	74.0	-33.18	Peak	351.00	150	Vertical	Pass
1**	1333.500	34.61	-17.75	54.0	-19.39	AV	351.00	150	Vertical	Pass
2	2802.000	44.28	-11.11	74.0	-29.72	Peak	324.00	150	Vertical	Pass
2**	2802.000	34.19	-11.11	54.0	-19.81	AV	324.00	150	Vertical	Pass
3	4044.400	48.32	-5.39	74.0	-25.68	Peak	47.00	150	Vertical	Pass
3**	4044.400	38.63	-5.39	54.0	-15.37	AV	47.00	150	Vertical	Pass
4	5502.000	102.33	-2.88	--	--	Peak	357.00	150	Vertical	N/A
4**	5502.000	94.66	-2.88	--	--	AV	357.00	150	Vertical	N/A
5	7606.050	48.57	-2.29	74.0	-25.43	Peak	177.00	150	Vertical	Pass
5**	7606.050	38.71	-2.29	54.0	-15.29	AV	177.00	150	Vertical	Pass
6	11623.576	51.01	2.26	74.0	-22.99	Peak	360.00	150	Vertical	Pass
6**	11623.576	41.14	2.26	54.0	-12.86	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.600	40.38	-18.18	74.0	-33.62	Peak	22.00	150	Horizontal	Pass
1**	1198.600	29.51	-18.18	54.0	-24.49	AV	22.00	150	Horizontal	Pass
2	2862.100	45.05	-10.60	74.0	-28.95	Peak	145.00	150	Horizontal	Pass
2**	2862.100	34.60	-10.60	54.0	-19.40	AV	145.00	150	Horizontal	Pass
3	4033.800	47.42	-5.36	74.0	-26.58	Peak	41.00	150	Horizontal	Pass
3**	4033.800	38.55	-5.36	54.0	-15.45	AV	41.00	150	Horizontal	Pass
4	5582.600	106.16	-3.26	--	--	Peak	211.00	150	Horizontal	N/A
4**	5582.600	98.37	-3.26	--	--	AV	211.00	150	Horizontal	N/A
5	7545.388	48.78	-1.59	74.0	-25.22	Peak	113.00	150	Horizontal	Pass
5**	7545.388	38.75	-1.59	54.0	-15.25	AV	113.00	150	Horizontal	Pass
6	11630.188	50.63	2.34	74.0	-23.37	Peak	298.00	150	Horizontal	Pass
6**	11630.188	40.80	2.34	54.0	-13.20	AV	298.00	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	1330.800	41.97	-17.71	74.0	-32.03	Peak	0.00	150	Vertical	Pass
1**	1330.800	28.71	-17.71	54.0	-25.29	AV	0.00	150	Vertical	Pass
2	2740.700	44.36	-10.70	74.0	-29.64	Peak	212.00	150	Vertical	Pass
2**	2740.700	35.53	-10.70	54.0	-18.47	AV	212.00	150	Vertical	Pass
3	4045.000	47.79	-5.39	74.0	-26.21	Peak	143.00	150	Vertical	Pass
3**	4045.000	38.42	-5.39	54.0	-15.58	AV	143.00	150	Vertical	Pass
4	5578.600	105.19	-3.15	--	--	Peak	173.00	150	Vertical	N/A
4**	5578.600	96.85	-3.15	--	--	AV	173.00	150	Vertical	N/A
5	7550.562	49.03	-1.60	74.0	-24.97	Peak	102.00	150	Vertical	Pass
5**	7550.562	38.74	-1.60	54.0	-15.26	AV	102.00	150	Vertical	Pass
6	12234.800	50.64	2.63	74.0	-23.36	Peak	344.00	150	Vertical	Pass
6**	12234.800	41.12	2.63	54.0	-12.88	AV	344.00	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	1195.800	40.76	-18.19	74.0	-33.24	Peak	45.00	150	Horizontal	Pass
1**	1195.800	29.28	-18.19	54.0	-24.72	AV	45.00	150	Horizontal	Pass
2	2818.900	44.58	-10.62	74.0	-29.42	Peak	275.00	150	Horizontal	Pass
2**	2818.900	35.43	-10.62	54.0	-18.57	AV	275.00	150	Horizontal	Pass
3	4220.600	48.83	-4.75	74.0	-25.17	Peak	305.00	150	Horizontal	Pass
3**	4220.600	38.95	-4.75	54.0	-15.05	AV	305.00	150	Horizontal	Pass
4	5697.800	107.69	-3.93	--	--	Peak	254.00	150	Horizontal	N/A
4**	5697.800	100.20	-3.93	--	--	AV	254.00	150	Horizontal	N/A
5	7548.837	48.13	-1.59	74.0	-25.87	Peak	120.00	150	Horizontal	Pass
5**	7548.837	39.69	-1.59	54.0	-14.31	AV	120.00	150	Horizontal	Pass
6	11620.700	50.72	2.23	74.0	-23.28	Peak	252.00	150	Horizontal	Pass
6**	11620.700	41.49	2.23	54.0	-12.51	AV	252.00	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	1330.600	43.96	-17.71	74.0	-30.04	Peak	352.00	150	Vertical	Pass
1**	1330.600	28.94	-17.71	54.0	-25.06	AV	352.00	150	Vertical	Pass
2	2877.500	44.77	-10.42	74.0	-29.23	Peak	129.00	150	Vertical	Pass
2**	2877.500	34.62	-10.42	54.0	-19.38	AV	129.00	150	Vertical	Pass
3	4167.000	48.54	-4.92	74.0	-25.46	Peak	174.00	150	Vertical	Pass
3**	4167.000	38.43	-4.92	54.0	-15.57	AV	174.00	150	Vertical	Pass
4	5699.000	103.14	-3.93	--	--	Peak	159.00	150	Vertical	N/A
4**	5699.000	95.57	-3.93	--	--	AV	159.00	150	Vertical	N/A
5	7391.288	47.72	-1.73	74.0	-26.28	Peak	56.00	150	Vertical	Pass
5**	7391.288	38.91	-1.73	54.0	-15.09	AV	56.00	150	Vertical	Pass
6	11002.287	50.42	0.72	74.0	-23.58	Peak	243.00	150	Vertical	Pass
6**	11002.287	40.74	0.72	54.0	-13.26	AV	243.00	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	1201.900	40.14	-18.13	74.0	-33.86	Peak	15.00	150	Horizontal	Pass
1**	1201.900	28.58	-18.13	54.0	-25.42	AV	15.00	150	Horizontal	Pass
2	2730.400	44.49	-10.67	74.0	-29.51	Peak	211.00	150	Horizontal	Pass
2**	2730.400	34.63	-10.67	54.0	-19.37	AV	211.00	150	Horizontal	Pass
3	4207.800	48.96	-5.09	74.0	-25.04	Peak	343.00	150	Horizontal	Pass
3**	4207.800	38.82	-5.09	54.0	-15.18	AV	343.00	150	Horizontal	Pass
4	5722.000	108.32	-3.67	--	--	Peak	255.00	150	Horizontal	N/A
4**	5722.000	101.24	-3.67	--	--	AV	255.00	150	Horizontal	N/A
5	7387.550	48.48	-1.73	74.0	-25.52	Peak	66.00	150	Horizontal	Pass
5**	7387.550	39.51	-1.73	54.0	-14.49	AV	66.00	150	Horizontal	Pass
6	12219.275	50.73	2.60	74.0	-23.27	Peak	234.00	150	Horizontal	Pass
6**	12219.275	41.01	2.60	54.0	-12.99	AV	234.00	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	1328.000	39.86	-17.65	74.0	-34.14	Peak	172.00	150	Vertical	Pass
1**	1328.000	28.84	-17.65	54.0	-25.16	AV	172.00	150	Vertical	Pass
2	2733.900	43.64	-10.77	74.0	-30.36	Peak	150.00	150	Vertical	Pass
2**	2733.900	34.83	-10.77	54.0	-19.17	AV	150.00	150	Vertical	Pass
3	4008.400	47.78	-5.79	74.0	-26.22	Peak	165.00	150	Vertical	Pass
3**	4008.400	38.21	-5.79	54.0	-15.79	AV	165.00	150	Vertical	Pass
4	5722.000	102.66	-3.67	--	--	Peak	165.00	150	Vertical	N/A
4**	5722.000	95.15	-3.67	--	--	AV	165.00	150	Vertical	N/A
5	7543.375	48.10	-1.63	74.0	-25.90	Peak	297.00	150	Vertical	Pass
5**	7543.375	39.60	-1.63	54.0	-14.40	AV	297.00	150	Vertical	Pass
6	11677.625	51.63	2.45	74.0	-22.37	Peak	155.00	150	Vertical	Pass
6**	11677.625	42.06	2.45	54.0	-11.94	AV	155.00	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	1328.000	39.86	-17.65	74.0	-34.14	Peak	172.00	150	Vertical	Pass
1**	1328.000	28.84	-17.65	54.0	-25.16	AV	172.00	150	Vertical	Pass
2	2733.900	43.64	-10.77	74.0	-30.36	Peak	150.00	150	Vertical	Pass
2**	2733.900	34.83	-10.77	54.0	-19.17	AV	150.00	150	Vertical	Pass
3	4008.400	47.78	-5.79	74.0	-26.22	Peak	165.00	150	Vertical	Pass
3**	4008.400	38.21	-5.79	54.0	-15.79	AV	165.00	150	Vertical	Pass
4	5722.000	102.66	-3.67	--	--	Peak	165.00	150	Vertical	N/A
4**	5722.000	95.15	-3.67	--	--	AV	165.00	150	Vertical	N/A
5	7543.375	48.10	-1.63	74.0	-25.90	Peak	297.00	150	Vertical	Pass
5**	7543.375	39.60	-1.63	54.0	-14.40	AV	297.00	150	Vertical	Pass
6	11677.625	51.63	2.45	74.0	-22.37	Peak	155.00	150	Vertical	Pass
6**	11677.625	42.06	2.45	54.0	-11.94	AV	155.00	150	Vertical	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	1327.200	41.67	-17.65	74.0	-32.33	Peak	173.00	150	Vertical	Pass
1**	1327.200	32.04	-17.65	54.0	-21.96	AV	173.00	150	Vertical	Pass
2	2804.500	45.82	-11.06	74.0	-28.18	Peak	360.00	150	Vertical	Pass
2**	2804.500	34.60	-11.06	54.0	-19.40	AV	360.00	150	Vertical	Pass
3	4288.000	48.95	-4.76	74.0	-25.05	Peak	268.00	150	Vertical	Pass
3**	4288.000	38.79	-4.76	54.0	-15.21	AV	268.00	150	Vertical	Pass
4	5502.200	101.14	-2.89	--	--	Peak	356.00	150	Vertical	N/A
4**	5502.200	93.09	-2.89	--	--	AV	356.00	150	Vertical	N/A
5	7552.575	48.60	-1.56	74.0	-25.40	Peak	271.00	150	Vertical	Pass
5**	7552.575	39.14	-1.56	54.0	-14.86	AV	271.00	150	Vertical	Pass
6	11657.500	50.68	2.53	74.0	-23.32	Peak	271.00	150	Vertical	Pass
6**	11657.500	41.56	2.53	54.0	-12.44	AV	271.00	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	1200.100	39.91	-18.16	74.0	-34.09	Peak	28.00	150	Horizontal	Pass
1**	1200.100	27.94	-18.16	54.0	-26.06	AV	28.00	150	Horizontal	Pass
2	2748.200	43.60	-10.79	74.0	-30.40	Peak	168.00	150	Horizontal	Pass
2**	2748.200	34.41	-10.79	54.0	-19.59	AV	168.00	150	Horizontal	Pass
3	4211.000	48.89	-4.97	74.0	-25.11	Peak	197.00	150	Horizontal	Pass
3**	4211.000	40.27	-4.97	54.0	-13.73	AV	197.00	150	Horizontal	Pass
4	5578.400	105.65	-3.15	--	--	Peak	212.00	150	Horizontal	N/A
4**	5578.400	97.51	-3.15	--	--	AV	212.00	150	Horizontal	N/A
5	7388.412	47.99	-1.74	74.0	-26.01	Peak	167.00	150	Horizontal	Pass
5**	7388.412	39.19	-1.74	54.0	-14.81	AV	167.00	150	Horizontal	Pass
6	11659.513	50.79	2.52	74.0	-23.21	Peak	270.00	150	Horizontal	Pass
6**	11659.513	41.28	2.52	54.0	-12.72	AV	270.00	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	1328.300	45.39	-17.65	74.0	-28.61	Peak	357.00	150	Vertical	Pass
1**	1328.300	30.37	-17.65	54.0	-23.63	AV	357.00	150	Vertical	Pass
2	2860.900	44.78	-10.56	74.0	-29.22	Peak	245.00	150	Vertical	Pass
2**	2860.900	34.75	-10.56	54.0	-19.25	AV	245.00	150	Vertical	Pass
3	4105.400	48.22	-5.31	74.0	-25.78	Peak	183.00	150	Vertical	Pass
3**	4105.400	37.96	-5.31	54.0	-16.04	AV	183.00	150	Vertical	Pass
4	5577.600	103.45	-3.15	--	--	Peak	175.00	150	Vertical	N/A
4**	5577.600	95.68	-3.15	--	--	AV	175.00	150	Vertical	N/A
5	7552.288	48.56	-1.56	74.0	-25.44	Peak	0.00	150	Vertical	Pass
5**	7552.288	39.58	-1.56	54.0	-14.42	AV	0.00	150	Vertical	Pass
6	11656.925	50.57	2.53	74.0	-23.43	Peak	232.00	150	Vertical	Pass
6**	11656.925	41.48	2.53	54.0	-12.52	AV	232.00	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	1202.700	39.83	-18.11	74.0	-34.17	Peak	34.00	150	Horizontal	Pass
1**	1202.700	29.10	-18.11	54.0	-24.90	AV	34.00	150	Horizontal	Pass
2	2814.300	43.99	-10.78	74.0	-30.01	Peak	118.00	150	Horizontal	Pass
2**	2814.300	34.62	-10.78	54.0	-19.38	AV	118.00	150	Horizontal	Pass
3	4101.000	47.96	-5.29	74.0	-26.04	Peak	332.00	150	Horizontal	Pass
3**	4101.000	39.26	-5.29	54.0	-14.74	AV	332.00	150	Horizontal	Pass
4	5698.800	106.30	-3.93	--	--	Peak	256.00	150	Horizontal	N/A
4**	5698.800	98.56	-3.93	--	--	AV	256.00	150	Horizontal	N/A
5	7488.750	48.16	-1.84	74.0	-25.84	Peak	360.00	150	Horizontal	Pass
5**	7488.750	38.75	-1.84	54.0	-15.25	AV	360.00	150	Horizontal	Pass
6	10840.713	49.69	0.21	74.0	-24.31	Peak	1.00	150	Horizontal	Pass
6**	10840.713	39.95	0.21	54.0	-14.05	AV	1.00	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	1330.800	41.29	-17.71	74.0	-32.71	Peak	352.00	150	Vertical	Pass
1**	1330.800	29.70	-17.71	54.0	-24.30	AV	352.00	150	Vertical	Pass
2	2747.400	43.73	-10.78	74.0	-30.27	Peak	4.00	150	Vertical	Pass
2**	2747.400	34.47	-10.78	54.0	-19.53	AV	4.00	150	Vertical	Pass
3	4215.800	48.57	-4.81	74.0	-25.43	Peak	219.00	150	Vertical	Pass
3**	4215.800	38.78	-4.81	54.0	-15.22	AV	219.00	150	Vertical	Pass
4	5701.800	101.71	-3.89	--	--	Peak	174.00	150	Vertical	N/A
4**	5701.800	94.10	-3.89	--	--	AV	174.00	150	Vertical	N/A
5	7609.500	48.37	-2.27	74.0	-25.63	Peak	141.00	150	Vertical	Pass
5**	7609.500	38.47	-2.27	54.0	-15.53	AV	141.00	150	Vertical	Pass
6	11625.588	50.62	2.29	74.0	-23.38	Peak	169.00	150	Vertical	Pass
6**	11625.588	41.38	2.29	54.0	-12.62	AV	169.00	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	1329.000	40.98	-17.67	74.0	-33.02	Peak	61.00	150	Horizontal	Pass
1**	1329.000	29.23	-17.67	54.0	-24.77	AV	61.00	150	Horizontal	Pass
2	2851.700	44.34	-10.71	74.0	-29.66	Peak	118.00	150	Horizontal	Pass
2**	2851.700	34.65	-10.71	54.0	-19.35	AV	118.00	150	Horizontal	Pass
3	3973.200	47.13	-5.47	74.0	-26.87	Peak	48.00	150	Horizontal	Pass
3**	3973.200	37.56	-5.47	54.0	-16.44	AV	48.00	150	Horizontal	Pass
4	5719.200	106.71	-3.74	--	--	Peak	249.00	150	Horizontal	N/A
4**	5719.200	100.38	-3.74	--	--	AV	249.00	150	Horizontal	N/A
5	7533.600	48.17	-1.72	74.0	-25.83	Peak	166.00	150	Horizontal	Pass
5**	7533.600	38.43	-1.72	54.0	-15.57	AV	166.00	150	Horizontal	Pass
6	11659.225	50.77	2.52	74.0	-23.23	Peak	307.00	150	Horizontal	Pass
6**	11659.225	41.57	2.52	54.0	-12.43	AV	307.00	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	1331.500	42.22	-17.73	74.0	-31.78	Peak	346.00	150	Vertical	Pass
1**	1331.500	28.99	-17.73	54.0	-25.01	AV	346.00	150	Vertical	Pass
2	2779.300	44.31	-11.19	74.0	-29.69	Peak	194.00	150	Vertical	Pass
2**	2779.300	33.98	-11.19	54.0	-20.02	AV	194.00	150	Vertical	Pass
3	4033.400	47.71	-5.36	74.0	-26.29	Peak	26.00	150	Vertical	Pass
3**	4033.400	38.48	-5.36	54.0	-15.52	AV	26.00	150	Vertical	Pass
4	5719.000	100.24	-3.75	--	--	Peak	161.00	150	Vertical	N/A
4**	5719.000	93.34	-3.75	--	--	AV	161.00	150	Vertical	N/A
5	7545.675	47.84	-1.58	74.0	-26.16	Peak	223.00	150	Vertical	Pass
5**	7545.675	39.57	-1.58	54.0	-14.43	AV	223.00	150	Vertical	Pass
6	11654.625	51.06	2.54	74.0	-22.94	Peak	270.00	150	Vertical	Pass
6**	11654.625	41.75	2.54	54.0	-12.25	AV	270.00	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	1202.300	39.83	-18.12	74.0	-34.17	Peak	27.00	150	Horizontal	Pass
1**	1202.300	28.37	-18.12	54.0	-25.63	AV	27.00	150	Horizontal	Pass
2	2796.200	43.83	-11.15	74.0	-30.17	Peak	298.00	150	Horizontal	Pass
2**	2796.200	34.82	-11.15	54.0	-19.18	AV	298.00	150	Horizontal	Pass
3	4176.200	48.54	-4.86	74.0	-25.46	Peak	307.00	150	Horizontal	Pass
3**	4176.200	39.18	-4.86	54.0	-14.82	AV	307.00	150	Horizontal	Pass
4	5506.200	101.94	-2.95	--	--	Peak	190.00	150	Horizontal	N/A
4**	5506.200	94.21	-2.95	--	--	AV	190.00	150	Horizontal	N/A
5	7487.312	47.99	-1.85	74.0	-26.01	Peak	271.00	150	Horizontal	Pass
5**	7487.312	38.26	-1.85	54.0	-15.74	AV	271.00	150	Horizontal	Pass
6	11617.250	50.47	2.19	74.0	-23.53	Peak	289.00	150	Horizontal	Pass
6**	11617.250	40.68	2.19	54.0	-13.32	AV	289.00	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	1331.100	40.68	-17.72	74.0	-33.32	Peak	358.00	150	Vertical	Pass
1**	1331.100	31.87	-17.72	54.0	-22.13	AV	358.00	150	Vertical	Pass
2	2735.600	44.23	-10.77	74.0	-29.77	Peak	69.00	150	Vertical	Pass
2**	2735.600	34.44	-10.77	54.0	-19.56	AV	69.00	150	Vertical	Pass
3	3775.400	47.72	-5.87	74.0	-26.28	Peak	56.00	150	Vertical	Pass
3**	3775.400	37.89	-5.87	54.0	-16.11	AV	56.00	150	Vertical	Pass
4	5508.600	97.50	-2.95	--	--	Peak	145.00	150	Vertical	N/A
4**	5508.600	89.63	-2.95	--	--	AV	145.00	150	Vertical	N/A
5	7545.100	48.74	-1.60	74.0	-25.26	Peak	165.00	150	Vertical	Pass
5**	7545.100	38.88	-1.60	54.0	-15.12	AV	165.00	150	Vertical	Pass
6	11639.099	50.68	2.44	74.0	-23.32	Peak	241.00	150	Vertical	Pass
6**	11639.099	41.09	2.44	54.0	-12.91	AV	241.00	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	1204.500	40.17	-18.16	74.0	-33.83	Peak	298.00	150	Horizontal	Pass
1**	1204.500	30.40	-18.16	54.0	-23.60	AV	298.00	150	Horizontal	Pass
2	2832.700	44.17	-10.72	74.0	-29.83	Peak	96.00	150	Horizontal	Pass
2**	2832.700	34.38	-10.72	54.0	-19.62	AV	96.00	150	Horizontal	Pass
3	4076.400	48.50	-5.24	74.0	-25.50	Peak	79.00	150	Horizontal	Pass
3**	4076.400	38.21	-5.24	54.0	-15.79	AV	79.00	150	Horizontal	Pass
4	5588.000	102.09	-3.23	--	--	Peak	237.00	150	Horizontal	N/A
4**	5588.000	94.03	-3.23	--	--	AV	237.00	150	Horizontal	N/A
5	7556.025	48.65	-1.63	74.0	-25.35	Peak	243.00	150	Horizontal	Pass
5**	7556.025	39.33	-1.63	54.0	-14.67	AV	243.00	150	Horizontal	Pass
6	11644.562	50.27	2.50	74.0	-23.73	Peak	131.00	150	Horizontal	Pass
6**	11644.562	41.17	2.50	54.0	-12.83	AV	131.00	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	1595.300	41.87	-17.83	74.0	-32.13	Peak	95.00	150	Vertical	Pass
1**	1595.300	30.39	-17.83	54.0	-23.61	AV	95.00	150	Vertical	Pass
2	2796.600	45.97	-11.13	74.0	-28.03	Peak	120.00	150	Vertical	Pass
2**	2796.600	34.49	-11.13	54.0	-19.51	AV	120.00	150	Vertical	Pass
3	4201.400	48.30	-5.23	74.0	-25.70	Peak	42.00	150	Vertical	Pass
3**	4201.400	38.83	-5.23	54.0	-15.17	AV	42.00	150	Vertical	Pass
4	5587.000	100.13	-3.22	--	--	Peak	176.00	150	Vertical	N/A
4**	5587.000	92.74	-3.22	--	--	AV	176.00	150	Vertical	N/A
5	7414.000	48.54	-1.88	74.0	-25.46	Peak	181.00	150	Vertical	Pass
5**	7414.000	39.01	-1.88	54.0	-14.99	AV	181.00	150	Vertical	Pass
6	11646.287	50.85	2.51	74.0	-23.15	Peak	190.00	150	Vertical	Pass
6**	11646.287	42.70	2.51	54.0	-11.30	AV	190.00	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	1199.800	39.57	-18.17	74.0	-34.43	Peak	24.00	150	Horizontal	Pass
1**	1199.800	29.89	-18.17	54.0	-24.11	AV	24.00	150	Horizontal	Pass
2	2799.600	44.23	-11.13	74.0	-29.77	Peak	245.00	150	Horizontal	Pass
2**	2799.600	34.75	-11.13	54.0	-19.25	AV	245.00	150	Horizontal	Pass
3	3890.800	46.89	-6.45	74.0	-27.11	Peak	0.00	150	Horizontal	Pass
3**	3890.800	38.05	-6.45	54.0	-15.95	AV	0.00	150	Horizontal	Pass
4	5675.600	101.71	-3.78	--	--	Peak	254.00	150	Horizontal	N/A
4**	5675.600	95.16	-3.78	--	--	AV	254.00	150	Horizontal	N/A
5	7411.412	48.18	-1.85	74.0	-25.82	Peak	231.00	150	Horizontal	Pass
5**	7411.412	38.74	-1.85	54.0	-15.26	AV	231.00	150	Horizontal	Pass
6	11668.712	50.44	2.48	74.0	-23.56	Peak	297.00	150	Horizontal	Pass
6**	11668.712	41.55	2.48	54.0	-12.45	AV	297.00	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	1332.800	46.14	-17.75	74.0	-27.86	Peak	360.00	150	Vertical	Pass
1**	1332.800	33.07	-17.75	54.0	-20.93	AV	360.00	150	Vertical	Pass
2	2793.900	44.28	-11.20	74.0	-29.72	Peak	284.00	150	Vertical	Pass
2**	2793.900	33.97	-11.20	54.0	-20.03	AV	284.00	150	Vertical	Pass
3	4136.800	47.86	-5.54	74.0	-26.14	Peak	150.00	150	Vertical	Pass
3**	4136.800	38.71	-5.54	54.0	-15.29	AV	150.00	150	Vertical	Pass
4	5672.800	98.02	-3.72	--	--	Peak	166.00	150	Vertical	N/A
4**	5672.800	90.29	-3.72	--	--	AV	166.00	150	Vertical	N/A
5	7276.000	47.80	-2.52	74.0	-26.20	Peak	53.00	150	Vertical	Pass
5**	7276.000	38.56	-2.52	54.0	-15.44	AV	53.00	150	Vertical	Pass
6	11657.787	51.02	2.52	74.0	-22.98	Peak	287.00	150	Vertical	Pass
6**	11657.787	41.96	2.52	54.0	-12.04	AV	287.00	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	1209.100	40.29	-18.16	74.0	-33.71	Peak	36.00	150	Horizontal	Pass
1**	1209.100	29.95	-18.16	54.0	-24.05	AV	36.00	150	Horizontal	Pass
2	2852.200	45.22	-10.70	74.0	-28.78	Peak	169.00	150	Horizontal	Pass
2**	2852.200	34.84	-10.70	54.0	-19.16	AV	169.00	150	Horizontal	Pass
3	3768.600	47.38	-6.17	74.0	-26.62	Peak	309.00	150	Horizontal	Pass
3**	3768.600	37.51	-6.17	54.0	-16.49	AV	309.00	150	Horizontal	Pass
4	5713.200	102.31	-3.76	--	--	Peak	253.00	150	Horizontal	N/A
4**	5713.200	94.66	-3.76	--	--	AV	253.00	150	Horizontal	N/A
5	7527.850	48.39	-1.63	74.0	-25.61	Peak	336.00	150	Horizontal	Pass
5**	7527.850	38.46	-1.63	54.0	-15.54	AV	336.00	150	Horizontal	Pass
6	11683.088	51.05	2.42	74.0	-22.95	Peak	66.00	150	Horizontal	Pass
6**	11683.088	41.85	2.42	54.0	-12.15	AV	66.00	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	1332.700	42.15	-17.75	74.0	-31.85	Peak	293.00	150	Vertical	Pass
1**	1332.700	29.31	-17.75	54.0	-24.69	AV	293.00	150	Vertical	Pass
2	2762.900	43.30	-11.12	74.0	-30.70	Peak	196.00	150	Vertical	Pass
2**	2762.900	34.21	-11.12	54.0	-19.79	AV	196.00	150	Vertical	Pass
3	4655.200	49.43	-4.19	74.0	-24.57	Peak	256.00	150	Vertical	Pass
3**	4655.200	40.35	-4.19	54.0	-13.65	AV	256.00	150	Vertical	Pass
4	5708.000	98.22	-3.80	--	--	Peak	180.00	150	Vertical	N/A
4**	5708.000	90.17	-3.80	--	--	AV	180.00	150	Vertical	N/A
5	7548.263	48.51	-1.59	74.0	-25.49	Peak	80.00	150	Vertical	Pass
5**	7548.263	39.29	-1.59	54.0	-14.71	AV	80.00	150	Vertical	Pass
6	11651.174	50.61	2.55	74.0	-23.39	Peak	108.00	150	Vertical	Pass
6**	11651.174	40.98	2.55	54.0	-13.02	AV	108.00	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	1200.100	39.82	-18.16	74.0	-34.18	Peak	28.00	150	Horizontal	Pass
1**	1200.100	29.13	-18.16	54.0	-24.87	AV	28.00	150	Horizontal	Pass
2	2738.400	44.17	-10.70	74.0	-29.83	Peak	102.00	150	Horizontal	Pass
2**	2738.400	34.75	-10.70	54.0	-19.25	AV	102.00	150	Horizontal	Pass
3	4257.800	49.44	-4.77	74.0	-24.56	Peak	359.00	150	Horizontal	Pass
3**	4257.800	39.09	-4.77	54.0	-14.91	AV	359.00	150	Horizontal	Pass
4	5501.200	105.53	-2.86	--	--	Peak	187.00	150	Horizontal	N/A
4**	5501.200	98.47	-2.86	--	--	AV	187.00	150	Horizontal	N/A
5	7589.663	48.16	-2.31	74.0	-25.84	Peak	281.00	150	Horizontal	Pass
5**	7589.663	38.63	-2.31	54.0	-15.37	AV	281.00	150	Horizontal	Pass
6	11668.712	51.42	2.48	74.0	-22.58	Peak	231.00	150	Horizontal	Pass
6**	11668.712	41.72	2.48	54.0	-12.28	AV	231.00	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	1594.800	40.71	-17.82	74.0	-33.29	Peak	83.00	150	Vertical	Pass
1**	1594.800	29.67	-17.82	54.0	-24.33	AV	83.00	150	Vertical	Pass
2	2767.400	44.51	-11.24	74.0	-29.49	Peak	303.00	150	Vertical	Pass
2**	2767.400	34.93	-11.24	54.0	-19.07	AV	303.00	150	Vertical	Pass
3	4220.800	48.47	-4.74	74.0	-25.53	Peak	153.00	150	Vertical	Pass
3**	4220.800	38.82	-4.74	54.0	-15.18	AV	153.00	150	Vertical	Pass
4	5501.600	100.83	-2.86	--	--	Peak	153.00	150	Vertical	N/A
4**	5501.600	92.67	-2.86	--	--	AV	153.00	150	Vertical	N/A
5	7414.000	48.24	-1.88	74.0	-25.76	Peak	165.00	150	Vertical	Pass
5**	7414.000	38.61	-1.88	54.0	-15.39	AV	165.00	150	Vertical	Pass
6	11680.787	50.41	2.43	74.0	-23.59	Peak	52.00	150	Vertical	Pass
6**	11680.787	41.44	2.43	54.0	-12.56	AV	52.00	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	1208.200	41.82	-18.19	74.0	-32.18	Peak	49.00	150	Horizontal	Pass
1**	1208.200	29.27	-18.19	54.0	-24.73	AV	49.00	150	Horizontal	Pass
2	2804.500	43.96	-11.06	74.0	-30.04	Peak	175.00	150	Horizontal	Pass
2**	2804.500	34.29	-11.06	54.0	-19.71	AV	175.00	150	Horizontal	Pass
3	4084.200	48.80	-5.06	74.0	-25.20	Peak	243.00	150	Horizontal	Pass
3**	4084.200	38.28	-5.06	54.0	-15.72	AV	243.00	150	Horizontal	Pass
4	5578.400	103.87	-3.15	--	--	Peak	206.00	150	Horizontal	N/A
4**	5578.400	96.57	-3.15	--	--	AV	206.00	150	Horizontal	N/A
5	7415.150	47.79	-1.94	74.0	-26.21	Peak	64.00	150	Horizontal	Pass
5**	7415.150	39.33	-1.94	54.0	-14.67	AV	64.00	150	Horizontal	Pass
6	11617.825	50.44	2.20	74.0	-23.56	Peak	74.00	150	Horizontal	Pass
6**	11617.825	41.07	2.20	54.0	-12.93	AV	74.00	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	1327.900	44.80	-17.65	74.0	-29.20	Peak	356.00	150	Vertical	Pass
1**	1327.900	29.11	-17.65	54.0	-24.89	AV	356.00	150	Vertical	Pass
2	2802.700	44.37	-11.10	74.0	-29.63	Peak	310.00	150	Vertical	Pass
2**	2802.700	35.34	-11.10	54.0	-18.66	AV	310.00	150	Vertical	Pass
3	4290.400	48.65	-4.78	74.0	-25.35	Peak	77.00	150	Vertical	Pass
3**	4290.400	38.91	-4.78	54.0	-15.09	AV	77.00	150	Vertical	Pass
4	5578.800	102.58	-3.16	--	--	Peak	174.00	150	Vertical	N/A
4**	5578.800	94.95	-3.16	--	--	AV	174.00	150	Vertical	N/A
5	7404.800	48.51	-1.71	74.0	-25.49	Peak	116.00	150	Vertical	Pass
5**	7404.800	39.06	-1.71	54.0	-14.94	AV	116.00	150	Vertical	Pass
6	11622.425	51.12	2.25	74.0	-22.88	Peak	203.00	150	Vertical	Pass
6**	11622.425	40.85	2.25	54.0	-13.15	AV	203.00	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	1204.300	39.63	-18.15	74.0	-34.37	Peak	296.00	150	Horizontal	Pass
1**	1204.300	29.51	-18.15	54.0	-24.49	AV	296.00	150	Horizontal	Pass
2	2745.800	43.73	-10.77	74.0	-30.27	Peak	77.00	150	Horizontal	Pass
2**	2745.800	34.80	-10.77	54.0	-19.20	AV	77.00	150	Horizontal	Pass
3	4281.200	49.12	-4.76	74.0	-24.88	Peak	0.00	150	Horizontal	Pass
3**	4281.200	39.36	-4.76	54.0	-14.64	AV	0.00	150	Horizontal	Pass
4	5696.400	105.16	-3.92	--	--	Peak	255.00	150	Horizontal	N/A
4**	5696.400	96.59	-3.92	--	--	AV	255.00	150	Horizontal	N/A
5	7409.400	48.82	-1.75	74.0	-25.18	Peak	0.00	150	Horizontal	Pass
5**	7409.400	38.74	-1.75	54.0	-15.26	AV	0.00	150	Horizontal	Pass
6	11631.337	50.74	2.35	74.0	-23.26	Peak	158.00	150	Horizontal	Pass
6**	11631.337	41.21	2.35	54.0	-12.79	AV	158.00	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	1329.700	41.56	-17.69	74.0	-32.44	Peak	360.00	150	Vertical	Pass
1**	1329.700	32.71	-17.69	54.0	-21.29	AV	360.00	150	Vertical	Pass
2	2813.300	44.27	-10.82	74.0	-29.73	Peak	208.00	150	Vertical	Pass
2**	2813.300	35.26	-10.82	54.0	-18.74	AV	208.00	150	Vertical	Pass
3	4034.400	47.79	-5.35	74.0	-26.21	Peak	337.00	150	Vertical	Pass
3**	4034.400	38.46	-5.35	54.0	-15.54	AV	337.00	150	Vertical	Pass
4	5698.600	101.06	-3.93	--	--	Peak	166.00	150	Vertical	N/A
4**	5698.600	93.58	-3.93	--	--	AV	166.00	150	Vertical	N/A
5	7488.750	48.06	-1.84	74.0	-25.94	Peak	49.00	150	Vertical	Pass
5**	7488.750	38.79	-1.84	54.0	-15.21	AV	49.00	150	Vertical	Pass
6	11652.612	50.91	2.55	74.0	-23.09	Peak	252.00	150	Vertical	Pass
6**	11652.612	41.35	2.55	54.0	-12.65	AV	252.00	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	1202.800	40.09	-18.10	74.0	-33.91	Peak	17.00	150	Horizontal	Pass
1**	1202.800	28.90	-18.10	54.0	-25.10	AV	17.00	150	Horizontal	Pass
2	2812.500	44.32	-10.82	74.0	-29.68	Peak	135.00	150	Horizontal	Pass
2**	2812.500	34.40	-10.82	54.0	-19.60	AV	135.00	150	Horizontal	Pass
3	4167.200	48.23	-4.91	74.0	-25.77	Peak	11.00	150	Horizontal	Pass
3**	4167.200	39.23	-4.91	54.0	-14.77	AV	11.00	150	Horizontal	Pass
4	5720.600	105.51	-3.70	--	--	Peak	256.00	150	Horizontal	N/A
4**	5720.600	97.64	-3.70	--	--	AV	256.00	150	Horizontal	N/A
5	7621.862	48.81	-2.17	74.0	-25.19	Peak	56.00	150	Horizontal	Pass
5**	7621.862	41.19	-2.17	54.0	-12.81	AV	56.00	150	Horizontal	Pass
6	11675.037	51.42	2.46	74.0	-22.58	Peak	102.00	150	Horizontal	Pass
6**	11675.037	42.09	2.46	54.0	-11.91	AV	102.00	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	1511.300	38.90	-17.80	74.0	-35.10	Peak	240.00	150	Vertical	Pass
1**	1511.300	29.13	-17.80	54.0	-24.87	AV	240.00	150	Vertical	Pass
2	2729.100	44.41	-10.68	74.0	-29.59	Peak	318.00	150	Vertical	Pass
2**	2729.100	34.93	-10.68	54.0	-19.07	AV	318.00	150	Vertical	Pass
3	4171.400	48.48	-4.90	74.0	-25.52	Peak	59.00	150	Vertical	Pass
3**	4171.400	38.85	-4.90	54.0	-15.15	AV	59.00	150	Vertical	Pass
4	5721.200	99.37	-3.69	--	--	Peak	163.00	150	Vertical	N/A
4**	5721.200	91.82	-3.69	--	--	AV	163.00	150	Vertical	N/A
5	7550.562	48.01	-1.60	74.0	-25.99	Peak	0.00	150	Vertical	Pass
5**	7550.562	39.31	-1.60	54.0	-14.69	AV	0.00	150	Vertical	Pass
6	11654.912	50.54	2.54	74.0	-23.46	Peak	360.00	150	Vertical	Pass
6**	11654.912	41.32	2.54	54.0	-12.68	AV	360.00	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	1193.500	41.05	-18.18	74.0	-32.95	Peak	44.00	150	Horizontal	Pass
1**	1193.500	28.41	-18.18	54.0	-25.59	AV	44.00	150	Horizontal	Pass
2	2799.200	44.40	-11.14	74.0	-29.60	Peak	324.00	150	Horizontal	Pass
2**	2799.200	34.02	-11.14	54.0	-19.98	AV	324.00	150	Horizontal	Pass
3	4005.000	47.98	-5.68	74.0	-26.02	Peak	197.00	150	Horizontal	Pass
3**	4005.000	38.45	-5.68	54.0	-15.55	AV	197.00	150	Horizontal	Pass
4	5511.400	100.88	-2.90	--	--	Peak	190.00	150	Horizontal	N/A
4**	5511.400	93.00	-2.90	--	--	AV	190.00	150	Horizontal	N/A
5	7561.775	48.38	-1.81	74.0	-25.62	Peak	63.00	150	Horizontal	Pass
5**	7561.775	39.16	-1.81	54.0	-14.84	AV	63.00	150	Horizontal	Pass
6	12229.913	50.24	2.62	74.0	-23.76	Peak	232.00	150	Horizontal	Pass
6**	12229.913	41.44	2.62	54.0	-12.56	AV	232.00	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	1332.600	41.08	-17.75	74.0	-32.92	Peak	358.00	150	Vertical	Pass
1**	1332.600	28.68	-17.75	54.0	-25.32	AV	358.00	150	Vertical	Pass
2	2785.100	44.11	-11.12	74.0	-29.89	Peak	107.00	150	Vertical	Pass
2**	2785.100	34.29	-11.12	54.0	-19.71	AV	107.00	150	Vertical	Pass
3	3788.600	47.81	-5.50	74.0	-26.19	Peak	48.00	150	Vertical	Pass
3**	3788.600	37.78	-5.50	54.0	-16.22	AV	48.00	150	Vertical	Pass
4	5511.400	96.68	-2.90	--	--	Peak	144.00	150	Vertical	N/A
4**	5511.400	88.89	-2.90	--	--	AV	144.00	150	Vertical	N/A
5	7555.450	48.37	-1.61	74.0	-25.63	Peak	56.00	150	Vertical	Pass
5**	7555.450	39.34	-1.61	54.0	-14.66	AV	56.00	150	Vertical	Pass
6	12170.401	50.43	2.15	74.0	-23.57	Peak	243.00	150	Vertical	Pass
6**	12170.401	40.75	2.15	54.0	-13.25	AV	243.00	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	1199.800	39.62	-18.17	74.0	-34.38	Peak	17.00	150	Horizontal	Pass
1**	1199.800	28.33	-18.17	54.0	-25.67	AV	17.00	150	Horizontal	Pass
2	2801.800	44.33	-11.11	74.0	-29.67	Peak	269.00	150	Horizontal	Pass
2**	2801.800	34.54	-11.11	54.0	-19.46	AV	269.00	150	Horizontal	Pass
3	4303.200	48.45	-4.92	74.0	-25.55	Peak	84.00	150	Horizontal	Pass
3**	4303.200	39.04	-4.92	54.0	-14.96	AV	84.00	150	Horizontal	Pass
4	5587.600	100.34	-3.23	--	--	Peak	218.00	150	Horizontal	N/A
4**	5587.600	93.83	-3.23	--	--	AV	218.00	150	Horizontal	N/A
5	7558.900	48.12	-1.69	74.0	-25.88	Peak	159.00	150	Horizontal	Pass
5**	7558.900	39.39	-1.69	54.0	-14.61	AV	159.00	150	Horizontal	Pass
6	11683.951	50.24	2.42	74.0	-23.76	Peak	0.00	150	Horizontal	Pass
6**	11683.951	41.75	2.42	54.0	-12.25	AV	0.00	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	1194.600	41.74	-18.19	74.0	-32.26	Peak	89.00	150	Vertical	Pass
1**	1194.600	28.44	-18.19	54.0	-25.56	AV	89.00	150	Vertical	Pass
2	2792.300	44.47	-11.16	74.0	-29.53	Peak	207.00	150	Vertical	Pass
2**	2792.300	34.54	-11.16	54.0	-19.46	AV	207.00	150	Vertical	Pass
3	4245.600	48.84	-4.87	74.0	-25.16	Peak	100.00	150	Vertical	Pass
3**	4245.600	38.46	-4.87	54.0	-15.54	AV	100.00	150	Vertical	Pass
4	5587.600	98.91	-3.23	--	--	Peak	175.00	150	Vertical	N/A
4**	5587.600	91.77	-3.23	--	--	AV	175.00	150	Vertical	N/A
5	7380.362	48.55	-1.74	74.0	-25.45	Peak	27.00	150	Vertical	Pass
5**	7380.362	38.39	-1.74	54.0	-15.61	AV	27.00	150	Vertical	Pass
6	12216.974	50.56	2.59	74.0	-23.44	Peak	186.00	150	Vertical	Pass
6**	12216.974	41.05	2.59	54.0	-12.95	AV	186.00	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	1198.200	41.06	-18.18	74.0	-32.94	Peak	297.00	150	Horizontal	Pass
1**	1198.200	31.01	-18.18	54.0	-22.99	AV	297.00	150	Horizontal	Pass
2	2732.700	43.97	-10.75	74.0	-30.03	Peak	360.00	150	Horizontal	Pass
2**	2732.700	34.47	-10.75	54.0	-19.53	AV	360.00	150	Horizontal	Pass
3	4202.800	48.75	-5.20	74.0	-25.25	Peak	86.00	150	Horizontal	Pass
3**	4202.800	38.67	-5.20	54.0	-15.33	AV	86.00	150	Horizontal	Pass
4	5671.600	100.82	-3.72	--	--	Peak	248.00	150	Horizontal	N/A
4**	5671.600	92.96	-3.72	--	--	AV	248.00	150	Horizontal	N/A
5	7406.813	49.14	-1.73	74.0	-24.86	Peak	186.00	150	Horizontal	Pass
5**	7406.813	39.27	-1.73	54.0	-14.73	AV	186.00	150	Horizontal	Pass
6	12238.537	51.34	2.64	74.0	-22.66	Peak	336.00	150	Horizontal	Pass
6**	12238.537	41.58	2.64	54.0	-12.42	AV	336.00	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	1330.800	42.74	-17.71	74.0	-31.26	Peak	1.00	150	Vertical	Pass
1**	1330.800	29.60	-17.71	54.0	-24.40	AV	1.00	150	Vertical	Pass
2	2737.900	44.09	-10.72	74.0	-29.91	Peak	290.00	150	Vertical	Pass
2**	2737.900	34.27	-10.72	54.0	-19.73	AV	290.00	150	Vertical	Pass
3	3889.400	47.36	-6.44	74.0	-26.64	Peak	99.00	150	Vertical	Pass
3**	3889.400	37.22	-6.44	54.0	-16.78	AV	99.00	150	Vertical	Pass
4	5667.400	96.88	-3.57	--	--	Peak	188.00	150	Vertical	N/A
4**	5667.400	89.03	-3.57	--	--	AV	188.00	150	Vertical	N/A
5	7425.500	48.04	-2.11	74.0	-25.96	Peak	42.00	150	Vertical	Pass
5**	7425.500	38.54	-2.11	54.0	-15.46	AV	42.00	150	Vertical	Pass
6	11658.937	50.46	2.52	74.0	-23.54	Peak	163.00	150	Vertical	Pass
6**	11658.937	42.16	2.52	54.0	-11.84	AV	163.00	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	1592.900	40.25	-17.80	74.0	-33.75	Peak	226.00	150	Horizontal	Pass
1**	1592.900	29.46	-17.80	54.0	-24.54	AV	226.00	150	Horizontal	Pass
2	2739.500	44.10	-10.67	74.0	-29.90	Peak	157.00	150	Horizontal	Pass
2**	2739.500	34.14	-10.67	54.0	-19.86	AV	157.00	150	Horizontal	Pass
3	4219.400	48.35	-4.76	74.0	-25.65	Peak	167.00	150	Horizontal	Pass
3**	4219.400	38.79	-4.76	54.0	-15.21	AV	167.00	150	Horizontal	Pass
4	5713.200	101.85	-3.76	--	--	Peak	248.00	150	Horizontal	N/A
4**	5713.200	94.32	-3.76	--	--	AV	248.00	150	Horizontal	N/A
5	7539.638	47.81	-1.68	74.0	-26.19	Peak	56.00	150	Horizontal	Pass
5**	7539.638	38.60	-1.68	54.0	-15.40	AV	56.00	150	Horizontal	Pass
6	12341.463	51.30	2.08	74.0	-22.70	Peak	299.00	150	Horizontal	Pass
6**	12341.463	39.78	2.08	54.0	-14.22	AV	299.00	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	1331.300	42.44	-17.72	74.0	-31.56	Peak	161.00	150	Vertical	Pass
1**	1331.300	30.95	-17.72	54.0	-23.05	AV	161.00	150	Vertical	Pass
2	2736.400	44.39	-10.77	74.0	-29.61	Peak	167.00	150	Vertical	Pass
2**	2736.400	34.64	-10.77	54.0	-19.36	AV	167.00	150	Vertical	Pass
3	4856.600	50.77	-3.46	74.0	-23.23	Peak	143.00	150	Vertical	Pass
3**	4856.600	40.49	-3.46	54.0	-13.51	AV	143.00	150	Vertical	Pass
4	5711.600	96.80	-3.78	--	--	Peak	173.00	150	Vertical	N/A
4**	5711.600	89.00	-3.78	--	--	AV	173.00	150	Vertical	N/A
5	7411.987	48.12	-1.89	74.0	-25.88	Peak	297.00	150	Vertical	Pass
5**	7411.987	38.59	-1.89	54.0	-15.41	AV	297.00	150	Vertical	Pass
6	11180.537	50.07	0.41	74.0	-23.93	Peak	7.00	150	Vertical	Pass
6**	11180.537	40.10	0.41	54.0	-13.90	AV	7.00	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	1206.800	40.22	-18.21	74.0	-33.78	Peak	23.00	150	Horizontal	Pass
1**	1206.800	29.16	-18.21	54.0	-24.84	AV	23.00	150	Horizontal	Pass
2	2743.800	44.43	-10.67	74.0	-29.57	Peak	263.00	150	Horizontal	Pass
2**	2743.800	34.46	-10.67	54.0	-19.54	AV	263.00	150	Horizontal	Pass
3	4012.600	47.88	-5.80	74.0	-26.12	Peak	73.00	150	Horizontal	Pass
3**	4012.600	37.69	-5.80	54.0	-16.31	AV	73.00	150	Horizontal	Pass
4	5535.800	96.58	-2.88	--	--	Peak	192.00	150	Horizontal	N/A
4**	5535.800	88.31	-2.88	--	--	AV	192.00	150	Horizontal	N/A
5	7539.638	48.30	-1.68	74.0	-25.70	Peak	214.00	150	Horizontal	Pass
5**	7539.638	38.68	-1.68	54.0	-15.32	AV	214.00	150	Horizontal	Pass
6	12198.575	50.70	2.54	74.0	-23.30	Peak	56.00	150	Horizontal	Pass
6**	12198.575	40.94	2.54	54.0	-13.06	AV	56.00	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	1195.700	41.71	-18.19	74.0	-32.29	Peak	226.00	150	Vertical	Pass
1**	1195.700	28.23	-18.19	54.0	-25.77	AV	226.00	150	Vertical	Pass
2	2833.100	44.12	-10.74	74.0	-29.88	Peak	149.00	150	Vertical	Pass
2**	2833.100	34.50	-10.74	54.0	-19.50	AV	149.00	150	Vertical	Pass
3	4189.200	48.07	-5.25	74.0	-25.93	Peak	175.00	150	Vertical	Pass
3**	4189.200	38.46	-5.25	54.0	-15.54	AV	175.00	150	Vertical	Pass
4	5536.200	93.52	-2.87	--	--	Peak	145.00	150	Vertical	N/A
4**	5536.200	85.30	-2.87	--	--	AV	145.00	150	Vertical	N/A
5	7545.100	47.78	-1.60	74.0	-26.22	Peak	299.00	150	Vertical	Pass
5**	7545.100	39.59	-1.60	54.0	-14.41	AV	299.00	150	Vertical	Pass
6	11690.849	50.61	2.38	74.0	-23.39	Peak	195.00	150	Vertical	Pass
6**	11690.849	40.90	2.38	54.0	-13.10	AV	195.00	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	1199.500	41.49	-18.17	74.0	-32.51	Peak	316.00	150	Horizontal	Pass
1**	1199.500	29.07	-18.17	54.0	-24.93	AV	316.00	150	Horizontal	Pass
2	2828.500	44.90	-10.61	74.0	-29.10	Peak	238.00	150	Horizontal	Pass
2**	2828.500	34.76	-10.61	54.0	-19.24	AV	238.00	150	Horizontal	Pass
3	4029.600	47.98	-5.45	74.0	-26.02	Peak	53.00	150	Horizontal	Pass
3**	4029.600	38.98	-5.45	54.0	-15.02	AV	53.00	150	Horizontal	Pass
4	5616.400	96.94	-3.09	--	--	Peak	231.00	150	Horizontal	N/A
4**	5616.400	89.15	-3.09	--	--	AV	231.00	150	Horizontal	N/A
5	7335.513	47.99	-2.57	74.0	-26.01	Peak	71.00	150	Horizontal	Pass
5**	7335.513	38.32	-2.57	54.0	-15.68	AV	71.00	150	Horizontal	Pass
6	11637.088	50.74	2.41	74.0	-23.26	Peak	240.00	150	Horizontal	Pass
6**	11637.088	41.02	2.41	54.0	-12.98	AV	240.00	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	1327.900	45.93	-17.65	74.0	-28.07	Peak	352.00	150	Vertical	Pass
1**	1327.900	30.65	-17.65	54.0	-23.35	AV	352.00	150	Vertical	Pass
2	2813.000	44.24	-10.82	74.0	-29.76	Peak	329.00	150	Vertical	Pass
2**	2813.000	34.88	-10.82	54.0	-19.12	AV	329.00	150	Vertical	Pass
3	3954.400	47.80	-5.86	74.0	-26.20	Peak	0.00	150	Vertical	Pass
3**	3954.400	38.21	-5.86	54.0	-15.79	AV	0.00	150	Vertical	Pass
4	5615.800	93.98	-3.07	--	--	Peak	170.00	150	Vertical	N/A
4**	5615.800	86.43	-3.07	--	--	AV	170.00	150	Vertical	N/A
5	7544.525	48.66	-1.61	74.0	-25.34	Peak	71.00	150	Vertical	Pass
5**	7544.525	39.55	-1.61	54.0	-14.45	AV	71.00	150	Vertical	Pass
6	12202.599	51.09	2.56	74.0	-22.91	Peak	5.00	150	Vertical	Pass
6**	12202.599	41.55	2.56	54.0	-12.45	AV	5.00	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	1204.300	42.49	-18.15	74.0	-31.51	Peak	312.00	150	Horizontal	Pass
1**	1204.300	28.87	-18.15	54.0	-25.13	AV	312.00	150	Horizontal	Pass
2	2799.500	43.64	-11.13	74.0	-30.36	Peak	178.00	150	Horizontal	Pass
2**	2799.500	33.95	-11.13	54.0	-20.05	AV	178.00	150	Horizontal	Pass
3	4016.600	47.66	-5.78	74.0	-26.34	Peak	288.00	150	Horizontal	Pass
3**	4016.600	38.45	-5.78	54.0	-15.55	AV	288.00	150	Horizontal	Pass
4	5696.000	96.88	-3.92	--	--	Peak	236.00	150	Horizontal	N/A
4**	5696.000	89.42	-3.92	--	--	AV	236.00	150	Horizontal	N/A
5	7544.237	48.08	-1.62	74.0	-25.92	Peak	194.00	150	Horizontal	Pass
5**	7544.237	39.28	-1.62	54.0	-14.72	AV	194.00	150	Horizontal	Pass
6	11695.162	51.16	2.34	74.0	-22.84	Peak	204.00	150	Horizontal	Pass
6**	11695.162	41.82	2.34	54.0	-12.18	AV	204.00	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	1327.200	42.48	-17.65	74.0	-31.52	Peak	0.00	150	Vertical	Pass
1**	1327.200	29.11	-17.65	54.0	-24.89	AV	0.00	150	Vertical	Pass
2	2742.500	44.31	-10.68	74.0	-29.69	Peak	261.00	150	Vertical	Pass
2**	2742.500	34.27	-10.68	54.0	-19.73	AV	261.00	150	Vertical	Pass
3	4048.200	48.24	-5.43	74.0	-25.76	Peak	260.00	150	Vertical	Pass
3**	4048.200	37.54	-5.43	54.0	-16.46	AV	260.00	150	Vertical	Pass
4	5682.800	91.22	-3.85	--	--	Peak	125.00	150	Vertical	N/A
4**	5682.800	84.75	-3.85	--	--	AV	125.00	150	Vertical	N/A
5	7552.862	48.01	-1.56	74.0	-25.99	Peak	278.00	150	Vertical	Pass
5**	7552.862	39.17	-1.56	54.0	-14.83	AV	278.00	150	Vertical	Pass
6	12360.724	50.74	1.98	74.0	-23.26	Peak	119.00	150	Vertical	Pass
6**	12360.724	40.27	1.98	54.0	-13.73	AV	119.00	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	1483.700	36.58	-17.50	74.0	-37.42	Peak	272.00	150	Horizontal	Pass
1**	1483.700	28.21	-17.50	54.0	-25.79	AV	272.00	150	Horizontal	Pass
2	2810.600	42.33	-10.21	74.0	-31.67	Peak	102.00	150	Horizontal	Pass
2**	2810.600	32.81	-10.21	54.0	-21.19	AV	102.00	150	Horizontal	Pass
3	4065.000	45.87	-5.30	74.0	-28.13	Peak	13.00	150	Horizontal	Pass
3**	4065.000	38.24	-5.30	54.0	-15.76	AV	13.00	150	Horizontal	Pass
4	5743.400	103.34	-2.28	--	--	Peak	134.00	150	Horizontal	N/A
4**	5743.400	97.32	-2.28	--	--	AV	134.00	150	Horizontal	N/A
5	11315.662	49.66	0.47	74.0	-24.34	Peak	54.00	150	Horizontal	Pass
5**	11315.662	41.74	0.47	54.0	-12.26	AV	54.00	150	Horizontal	Pass
6	15604.950	53.25	1.10	74.0	-20.75	Peak	62.00	150	Horizontal	Pass
6**	15604.950	43.85	1.10	54.0	-10.15	AV	62.00	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	1545.900	36.68	-17.51	74.0	-37.32	Peak	363.00	150	Vertical	Pass
1**	1545.900	27.00	-17.51	54.0	-27.00	AV	363.00	150	Vertical	Pass
2	2773.900	42.52	-10.48	74.0	-31.48	Peak	151.00	150	Vertical	Pass
2**	2773.900	34.91	-10.48	54.0	-19.09	AV	151.00	150	Vertical	Pass
3	4090.600	46.66	-5.58	74.0	-27.34	Peak	61.00	150	Vertical	Pass
3**	4090.600	37.46	-5.58	54.0	-16.54	AV	61.00	150	Vertical	Pass
4	5747.000	97.06	-2.34	--	--	Peak	73.00	150	Vertical	N/A
4**	5747.000	91.14	-2.34	--	--	AV	73.00	150	Vertical	N/A
5	12128.713	50.74	0.41	74.0	-23.26	Peak	232.00	150	Vertical	Pass
5**	12128.713	39.70	0.41	54.0	-14.30	AV	232.00	150	Vertical	Pass
6	15803.400	53.33	2.29	74.0	-20.67	Peak	243.00	150	Vertical	Pass
6**	15803.400	46.46	2.29	54.0	-7.54	AV	243.00	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	1528.800	36.86	-17.48	74.0	-37.14	Peak	362.00	150	Horizontal	Pass
1**	1528.800	28.20	-17.48	54.0	-25.80	AV	362.00	150	Horizontal	Pass
2	2800.400	42.34	-10.55	74.0	-31.66	Peak	40.00	150	Horizontal	Pass
2**	2800.400	33.62	-10.55	54.0	-20.38	AV	40.00	150	Horizontal	Pass
3	4055.200	46.58	-4.89	74.0	-27.42	Peak	328.00	150	Horizontal	Pass
3**	4055.200	37.57	-4.89	54.0	-16.43	AV	328.00	150	Horizontal	Pass
4	5784.000	103.74	-2.30	--	--	Peak	145.00	150	Horizontal	N/A
4**	5784.000	97.37	-2.30	--	--	AV	145.00	150	Horizontal	N/A
5	11487.300	50.38	0.07	74.0	-23.62	Peak	279.00	150	Horizontal	Pass
5**	11487.300	40.76	0.07	54.0	-13.24	AV	279.00	150	Horizontal	Pass
6	15803.400	53.25	2.29	74.0	-20.75	Peak	360.00	150	Horizontal	Pass
6**	15803.400	43.45	2.29	54.0	-10.55	AV	360.00	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	1549.200	35.99	-17.50	74.0	-38.01	Peak	328.00	150	Vertical	Pass
1**	1549.200	27.25	-17.50	54.0	-26.75	AV	328.00	150	Vertical	Pass
2	2780.600	43.03	-10.41	74.0	-30.97	Peak	52.00	150	Vertical	Pass
2**	2780.600	33.40	-10.41	54.0	-20.60	AV	52.00	150	Vertical	Pass
3	4012.400	46.63	-5.12	74.0	-27.37	Peak	132.00	150	Vertical	Pass
3**	4012.400	37.21	-5.12	54.0	-16.79	AV	132.00	150	Vertical	Pass
4	5786.400	95.08	-2.46	--	--	Peak	96.00	150	Vertical	N/A
4**	5786.400	88.67	-2.46	--	--	AV	96.00	150	Vertical	N/A
5	11727.651	49.41	0.86	74.0	-24.59	Peak	267.00	150	Vertical	Pass
5**	11727.651	40.36	0.86	54.0	-13.64	AV	267.00	150	Vertical	Pass
6	15793.688	53.04	2.13	74.0	-20.96	Peak	244.00	150	Vertical	Pass
6**	15793.688	44.87	2.13	54.0	-9.13	AV	244.00	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	1490.600	36.06	-17.48	74.0	-37.94	Peak	0.00	150	Horizontal	Pass
1**	1490.600	27.48	-17.48	54.0	-26.52	AV	0.00	150	Horizontal	Pass
2	2797.700	40.92	-10.60	74.0	-33.08	Peak	44.00	150	Horizontal	Pass
2**	2797.700	32.19	-10.60	54.0	-21.81	AV	44.00	150	Horizontal	Pass
3	4139.400	46.34	-4.85	74.0	-27.66	Peak	112.00	150	Horizontal	Pass
3**	4139.400	37.36	-4.85	54.0	-16.64	AV	112.00	150	Horizontal	Pass
4	5823.800	104.78	-2.41	--	--	Peak	149.00	150	Horizontal	N/A
4**	5823.800	98.40	-2.41	--	--	AV	149.00	150	Horizontal	N/A
5	11903.887	49.65	1.63	74.0	-24.35	Peak	184.00	150	Horizontal	Pass
5**	11903.887	40.77	1.63	54.0	-13.23	AV	184.00	150	Horizontal	Pass
6	15783.975	53.03	1.75	74.0	-20.97	Peak	198.00	150	Horizontal	Pass
6**	15783.975	44.35	1.75	54.0	-9.65	AV	198.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.400	36.97	-17.54	74.0	-37.03	Peak	314.00	150	Vertical	Pass
1**	1541.400	28.20	-17.54	54.0	-25.80	AV	314.00	150	Vertical	Pass
2	2804.100	42.20	-10.39	74.0	-31.80	Peak	0.00	150	Vertical	Pass
2**	2804.100	32.41	-10.39	54.0	-21.59	AV	0.00	150	Vertical	Pass
3	4157.000	47.52	-4.99	74.0	-26.48	Peak	206.00	150	Vertical	Pass
3**	4157.000	37.67	-4.99	54.0	-16.33	AV	206.00	150	Vertical	Pass
4	5823.600	95.05	-2.41	--	--	Peak	46.00	150	Vertical	N/A
4**	5823.600	88.74	-2.41	--	--	AV	46.00	150	Vertical	N/A
5	11269.088	49.40	-0.27	74.0	-24.60	Peak	174.00	150	Vertical	Pass
5**	11269.088	40.43	-0.27	54.0	-13.57	AV	174.00	150	Vertical	Pass
6	15782.138	53.17	1.65	74.0	-20.83	Peak	214.00	150	Vertical	Pass
6**	15782.138	44.06	1.65	54.0	-9.94	AV	214.00	150	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.400	36.60	-17.34	74.0	-37.40	Peak	104.00	150	Horizontal	Pass
1**	1551.400	27.72	-17.34	54.0	-26.28	AV	104.00	150	Horizontal	Pass
2	2781.400	42.22	-10.39	74.0	-31.78	Peak	313.00	150	Horizontal	Pass
2**	2781.400	33.11	-10.39	54.0	-20.89	AV	313.00	150	Horizontal	Pass
3	4054.600	46.49	-4.89	74.0	-27.51	Peak	360.00	150	Horizontal	Pass
3**	4054.600	37.57	-4.89	54.0	-16.43	AV	360.00	150	Horizontal	Pass
4	5749.400	102.13	-2.16	--	--	Peak	148.00	150	Horizontal	N/A
4**	5749.400	94.60	-2.16	--	--	AV	148.00	150	Horizontal	N/A
5	11950.175	49.90	1.39	74.0	-24.10	Peak	0.00	150	Horizontal	Pass
5**	11950.175	40.63	1.39	54.0	-13.37	AV	0.00	150	Horizontal	Pass
6	15805.763	53.28	2.25	74.0	-20.72	Peak	214.00	150	Horizontal	Pass
6**	15805.763	44.37	2.25	54.0	-9.63	AV	214.00	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	1545.000	38.22	-17.49	74.0	-35.78	Peak	362.00	150	Vertical	Pass
1**	1545.000	27.68	-17.49	54.0	-26.32	AV	362.00	150	Vertical	Pass
2	2793.800	42.55	-10.61	74.0	-31.45	Peak	197.00	150	Vertical	Pass
2**	2793.800	32.48	-10.61	54.0	-21.52	AV	197.00	150	Vertical	Pass
3	4045.200	46.23	-4.86	74.0	-27.77	Peak	254.00	150	Vertical	Pass
3**	4045.200	36.87	-4.86	54.0	-17.13	AV	254.00	150	Vertical	Pass
4	5744.600	95.43	-2.35	--	--	Peak	43.00	150	Vertical	N/A
4**	5744.600	89.11	-2.35	--	--	AV	43.00	150	Vertical	N/A
5	12045.912	49.83	0.94	74.0	-24.17	Peak	209.00	150	Vertical	Pass
5**	12045.912	40.63	0.94	54.0	-13.37	AV	209.00	150	Vertical	Pass
6	15797.363	53.07	2.25	74.0	-20.93	Peak	219.00	150	Vertical	Pass
6**	15797.363	45.01	2.25	54.0	-8.99	AV	219.00	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	1499.700	36.41	-17.56	74.0	-37.59	Peak	241.00	150	Horizontal	Pass
1**	1499.700	26.41	-17.56	54.0	-27.59	AV	241.00	150	Horizontal	Pass
2	2812.100	42.46	-10.12	74.0	-31.54	Peak	117.00	150	Horizontal	Pass
2**	2812.100	33.80	-10.12	54.0	-20.20	AV	117.00	150	Horizontal	Pass
3	4059.400	46.99	-4.93	74.0	-27.01	Peak	139.00	150	Horizontal	Pass
3**	4059.400	38.35	-4.93	54.0	-15.65	AV	139.00	150	Horizontal	Pass
4	5786.200	102.77	-2.45	--	--	Peak	152.00	150	Horizontal	N/A
4**	5786.200	96.24	-2.45	--	--	AV	152.00	150	Horizontal	N/A
5	11502.537	49.17	-0.02	74.0	-24.83	Peak	33.00	150	Horizontal	Pass
5**	11502.537	41.19	-0.02	54.0	-12.81	AV	33.00	150	Horizontal	Pass
6	15806.812	53.40	2.23	74.0	-20.60	Peak	210.00	150	Horizontal	Pass
6**	15806.812	44.30	2.23	54.0	-9.70	AV	210.00	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	1503.100	36.53	-17.52	74.0	-37.47	Peak	5.00	150	Vertical	Pass
1**	1503.100	27.67	-17.52	54.0	-26.33	AV	5.00	150	Vertical	Pass
2	2809.500	41.91	-10.27	74.0	-32.09	Peak	361.00	150	Vertical	Pass
2**	2809.500	33.54	-10.27	54.0	-20.46	AV	361.00	150	Vertical	Pass
3	4060.800	46.57	-5.05	74.0	-27.43	Peak	89.00	150	Vertical	Pass
3**	4060.800	38.10	-5.05	54.0	-15.90	AV	89.00	150	Vertical	Pass
4	5787.600	94.35	-2.46	--	--	Peak	52.00	150	Vertical	N/A
4**	5787.600	87.63	-2.46	--	--	AV	52.00	150	Vertical	N/A
5	11573.838	49.71	-0.40	74.0	-24.29	Peak	218.00	150	Vertical	Pass
5**	11573.838	40.04	-0.40	54.0	-13.96	AV	218.00	150	Vertical	Pass
6	15800.250	53.16	2.33	74.0	-20.84	Peak	33.00	150	Vertical	Pass
6**	15800.250	45.44	2.33	54.0	-8.56	AV	33.00	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	1489.500	36.87	-17.51	74.0	-37.13	Peak	262.00	150	Horizontal	Pass
1**	1489.500	28.70	-17.51	54.0	-25.30	AV	262.00	150	Horizontal	Pass
2	2776.000	42.76	-10.47	74.0	-31.24	Peak	363.00	150	Horizontal	Pass
2**	2776.000	33.35	-10.47	54.0	-20.65	AV	363.00	150	Horizontal	Pass
3	4058.600	46.21	-4.89	74.0	-27.79	Peak	360.00	150	Horizontal	Pass
3**	4058.600	36.81	-4.89	54.0	-17.19	AV	360.00	150	Horizontal	Pass
4	5824.000	103.21	-2.40	--	--	Peak	135.00	150	Horizontal	N/A
4**	5824.000	97.06	-2.40	--	--	AV	135.00	150	Horizontal	N/A
5	12274.763	50.27	1.61	74.0	-23.73	Peak	141.00	150	Horizontal	Pass
5**	12274.763	41.34	1.61	54.0	-12.66	AV	141.00	150	Horizontal	Pass
6	15797.100	53.33	2.24	74.0	-20.67	Peak	4.00	150	Horizontal	Pass
6**	15797.100	45.09	2.24	54.0	-8.91	AV	4.00	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	1550.600	36.64	-17.40	74.0	-37.36	Peak	360.00	150	Vertical	Pass
1**	1550.600	27.65	-17.40	54.0	-26.35	AV	360.00	150	Vertical	Pass
2	2788.700	42.02	-10.57	74.0	-31.98	Peak	340.00	150	Vertical	Pass
2**	2788.700	32.71	-10.57	54.0	-21.29	AV	340.00	150	Vertical	Pass
3	4202.200	47.83	-5.13	74.0	-26.17	Peak	309.00	150	Vertical	Pass
3**	4202.200	36.77	-5.13	54.0	-17.23	AV	309.00	150	Vertical	Pass
4	5821.400	93.24	-2.51	--	--	Peak	110.00	150	Vertical	N/A
4**	5821.400	86.98	-2.51	--	--	AV	110.00	150	Vertical	N/A
5	11449.925	49.56	-0.05	74.0	-24.44	Peak	34.00	150	Vertical	Pass
5**	11449.925	40.67	-0.05	54.0	-13.33	AV	34.00	150	Vertical	Pass
6	15838.312	52.95	1.45	74.0	-21.05	Peak	33.00	150	Vertical	Pass
6**	15838.312	44.92	1.45	54.0	-9.08	AV	33.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.400	38.55	-17.76	74.0	-35.45	Peak	287.00	150	Horizontal	Pass
1**	1532.400	29.47	-17.76	54.0	-24.53	AV	287.00	150	Horizontal	Pass
2	2833.600	43.95	-10.75	74.0	-30.05	Peak	199.00	150	Horizontal	Pass
2**	2833.600	34.19	-10.75	54.0	-19.81	AV	199.00	150	Horizontal	Pass
3	3792.200	46.59	-5.52	74.0	-27.41	Peak	360.00	150	Horizontal	Pass
3**	3792.200	37.16	-5.52	54.0	-16.84	AV	360.00	150	Horizontal	Pass
4	5752.000	102.46	-3.52	--	--	Peak	252.00	150	Horizontal	N/A
4**	5752.000	96.23	-3.52	--	--	AV	252.00	150	Horizontal	N/A
5	7401.638	48.70	-1.64	74.0	-25.30	Peak	15.00	150	Horizontal	Pass
5**	7401.638	40.18	-1.64	54.0	-13.82	AV	15.00	150	Horizontal	Pass
6	11654.912	51.31	2.54	74.0	-22.69	Peak	360.00	150	Horizontal	Pass
6**	11654.912	42.38	2.54	54.0	-11.62	AV	360.00	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	1364.800	38.64	-17.51	74.0	-35.36	Peak	45.00	150	Vertical	Pass
1**	1364.800	28.80	-17.51	54.0	-25.20	AV	45.00	150	Vertical	Pass
2	2823.100	43.24	-10.52	74.0	-30.76	Peak	163.00	150	Vertical	Pass
2**	2823.100	34.39	-10.52	54.0	-19.61	AV	163.00	150	Vertical	Pass
3	4319.600	48.46	-4.92	74.0	-25.54	Peak	188.00	150	Vertical	Pass
3**	4319.600	38.84	-4.92	54.0	-15.16	AV	188.00	150	Vertical	Pass
4	5752.200	96.13	-3.52	--	--	Peak	188.00	150	Vertical	N/A
4**	5752.200	88.36	-3.52	--	--	AV	188.00	150	Vertical	N/A
5	7537.337	48.61	-1.70	74.0	-25.39	Peak	147.00	150	Vertical	Pass
5**	7537.337	40.02	-1.70	54.0	-13.98	AV	147.00	150	Vertical	Pass
6	11661.813	51.47	2.51	74.0	-22.53	Peak	100.00	150	Vertical	Pass
6**	11661.813	42.11	2.51	54.0	-11.89	AV	100.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.61	-17.70	74.0	-35.39	Peak	345.00	150	Horizontal	Pass
1**	1500.100	29.57	-17.70	54.0	-24.43	AV	345.00	150	Horizontal	Pass
2	2735.000	43.76	-10.78	74.0	-30.24	Peak	65.00	150	Horizontal	Pass
2**	2735.000	33.60	-10.78	54.0	-20.40	AV	65.00	150	Horizontal	Pass
3	4785.400	49.84	-3.67	74.0	-24.16	Peak	259.00	150	Horizontal	Pass
3**	4785.400	40.48	-3.67	54.0	-13.52	AV	259.00	150	Horizontal	Pass
4	5797.000	103.07	-2.72	--	--	Peak	99.00	150	Horizontal	N/A
4**	5797.000	95.87	-2.72	--	--	AV	99.00	150	Horizontal	N/A
5	7403.075	49.26	-1.66	74.0	-24.74	Peak	0.00	150	Horizontal	Pass
5**	7403.075	40.20	-1.66	54.0	-13.80	AV	0.00	150	Horizontal	Pass
6	11622.425	50.83	2.25	74.0	-23.17	Peak	289.00	150	Horizontal	Pass
6**	11622.425	41.41	2.25	54.0	-12.59	AV	289.00	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	1520.600	38.51	-17.70	74.0	-35.49	Peak	187.00	150	Vertical	Pass
1**	1520.600	28.67	-17.70	54.0	-25.33	AV	187.00	150	Vertical	Pass
2	2736.000	43.33	-10.77	74.0	-30.67	Peak	73.00	150	Vertical	Pass
2**	2736.000	33.89	-10.77	54.0	-20.11	AV	73.00	150	Vertical	Pass
3	4151.600	47.92	-5.20	74.0	-26.08	Peak	238.00	150	Vertical	Pass
3**	4151.600	38.89	-5.20	54.0	-15.11	AV	238.00	150	Vertical	Pass
4	5792.000	94.75	-2.85	--	--	Peak	128.00	150	Vertical	N/A
4**	5792.000	87.79	-2.85	--	--	AV	128.00	150	Vertical	N/A
5	7408.250	48.78	-1.74	74.0	-25.22	Peak	91.00	150	Vertical	Pass
5**	7408.250	40.24	-1.74	54.0	-13.76	AV	91.00	150	Vertical	Pass
6	11678.775	51.28	2.44	74.0	-22.72	Peak	261.00	150	Vertical	Pass
6**	11678.775	41.99	2.44	54.0	-12.01	AV	261.00	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	1378.700	38.55	-17.52	74.0	-35.45	Peak	115.00	150	Horizontal	Pass
1**	1378.700	28.27	-17.52	54.0	-25.73	AV	115.00	150	Horizontal	Pass
2	2839.200	43.44	-10.80	74.0	-30.56	Peak	64.00	150	Horizontal	Pass
2**	2839.200	33.76	-10.80	54.0	-20.24	AV	64.00	150	Horizontal	Pass
3	5111.800	51.34	-3.15	74.0	-22.66	Peak	76.00	150	Horizontal	Pass
3**	5111.800	40.69	-3.15	54.0	-13.31	AV	76.00	150	Horizontal	Pass
4	5743.600	105.47	-3.60	--	--	Peak	245.00	150	Horizontal	N/A
4**	5743.600	98.00	-3.60	--	--	AV	245.00	150	Horizontal	N/A
5	7422.625	48.98	-2.12	74.0	-25.02	Peak	257.00	150	Horizontal	Pass
5**	7422.625	41.22	-2.12	54.0	-12.78	AV	257.00	150	Horizontal	Pass
6	11698.900	51.69	2.31	74.0	-22.31	Peak	285.00	150	Horizontal	Pass
6**	11698.900	41.54	2.31	54.0	-12.46	AV	285.00	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	1377.700	39.06	-17.56	74.0	-34.94	Peak	153.00	150	Vertical	Pass
1**	1377.700	28.69	-17.56	54.0	-25.31	AV	153.00	150	Vertical	Pass
2	2778.800	43.69	-11.19	74.0	-30.31	Peak	283.00	150	Vertical	Pass
2**	2778.800	34.15	-11.19	54.0	-19.85	AV	283.00	150	Vertical	Pass
3	4841.600	49.88	-3.52	74.0	-24.12	Peak	0.00	150	Vertical	Pass
3**	4841.600	40.15	-3.52	54.0	-13.85	AV	0.00	150	Vertical	Pass
4	5747.200	98.76	-3.59	--	--	Peak	174.00	150	Vertical	N/A
4**	5747.200	91.41	-3.59	--	--	AV	174.00	150	Vertical	N/A
5	7403.075	49.20	-1.66	74.0	-24.80	Peak	286.00	150	Vertical	Pass
5**	7403.075	39.75	-1.66	54.0	-14.25	AV	286.00	150	Vertical	Pass
6	11653.188	50.99	2.54	74.0	-23.01	Peak	89.00	150	Vertical	Pass
6**	11653.188	41.98	2.54	54.0	-12.02	AV	89.00	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	1490.600	39.15	-17.73	74.0	-34.85	Peak	130.00	150	Horizontal	Pass
1**	1490.600	28.21	-17.73	54.0	-25.79	AV	130.00	150	Horizontal	Pass
2	2808.900	42.80	-10.87	74.0	-31.20	Peak	141.00	150	Horizontal	Pass
2**	2808.900	34.61	-10.87	54.0	-19.39	AV	141.00	150	Horizontal	Pass
3	4319.200	48.45	-4.94	74.0	-25.55	Peak	268.00	150	Horizontal	Pass
3**	4319.200	38.64	-4.94	54.0	-15.36	AV	268.00	150	Horizontal	Pass
4	5783.600	105.68	-3.05	--	--	Peak	261.00	150	Horizontal	N/A
4**	5783.600	98.31	-3.05	--	--	AV	261.00	150	Horizontal	N/A
5	7382.087	49.11	-1.72	74.0	-24.89	Peak	277.00	150	Horizontal	Pass
5**	7382.087	40.14	-1.72	54.0	-13.86	AV	277.00	150	Horizontal	Pass
6	11664.113	51.29	2.50	74.0	-22.71	Peak	230.00	150	Horizontal	Pass
6**	11664.113	42.91	2.50	54.0	-11.09	AV	230.00	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	1479.000	38.59	-17.77	74.0	-35.41	Peak	2.00	150	Vertical	Pass
1**	1479.000	29.22	-17.77	54.0	-24.78	AV	2.00	150	Vertical	Pass
2	2813.700	42.89	-10.81	74.0	-31.11	Peak	120.00	150	Vertical	Pass
2**	2813.700	35.05	-10.81	54.0	-18.95	AV	120.00	150	Vertical	Pass
3	4658.400	49.33	-4.31	74.0	-24.67	Peak	360.00	150	Vertical	Pass
3**	4658.400	39.67	-4.31	54.0	-14.33	AV	360.00	150	Vertical	Pass
4	5783.800	99.69	-3.04	--	--	Peak	127.00	150	Vertical	N/A
4**	5783.800	92.24	-3.04	--	--	AV	127.00	150	Vertical	N/A
5	7414.862	49.00	-1.92	74.0	-25.00	Peak	229.00	150	Vertical	Pass
5**	7414.862	39.33	-1.92	54.0	-14.67	AV	229.00	150	Vertical	Pass
6	11687.975	51.28	2.40	74.0	-22.72	Peak	15.00	150	Vertical	Pass
6**	11687.975	42.25	2.40	54.0	-11.75	AV	15.00	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	1480.000	38.16	-17.76	74.0	-35.84	Peak	166.00	150	Horizontal	Pass
1**	1480.000	29.17	-17.76	54.0	-24.83	AV	166.00	150	Horizontal	Pass
2	2723.400	43.13	-10.86	74.0	-30.87	Peak	54.00	150	Horizontal	Pass
2**	2723.400	33.71	-10.86	54.0	-20.29	AV	54.00	150	Horizontal	Pass
3	3759.400	46.20	-6.68	74.0	-27.80	Peak	90.00	150	Horizontal	Pass
3**	3759.400	37.51	-6.68	54.0	-16.49	AV	90.00	150	Horizontal	Pass
4	5823.600	106.34	-2.75	--	--	Peak	237.00	150	Horizontal	N/A
4**	5823.600	98.66	-2.75	--	--	AV	237.00	150	Horizontal	N/A
5	7391.575	48.74	-1.72	74.0	-25.26	Peak	359.00	150	Horizontal	Pass
5**	7391.575	40.54	-1.72	54.0	-13.46	AV	359.00	150	Horizontal	Pass
6	12241.125	51.37	2.64	74.0	-22.63	Peak	89.00	150	Horizontal	Pass
6**	12241.125	41.55	2.64	54.0	-12.45	AV	89.00	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	1378.900	38.42	-17.51	74.0	-35.58	Peak	47.00	150	Vertical	Pass
1**	1378.900	28.35	-17.51	54.0	-25.65	AV	47.00	150	Vertical	Pass
2	2758.200	43.11	-10.96	74.0	-30.89	Peak	204.00	150	Vertical	Pass
2**	2758.200	34.06	-10.96	54.0	-19.94	AV	204.00	150	Vertical	Pass
3	4789.400	50.30	-3.67	74.0	-23.70	Peak	320.00	150	Vertical	Pass
3**	4789.400	40.70	-3.67	54.0	-13.30	AV	320.00	150	Vertical	Pass
4	5823.400	98.48	-2.75	--	--	Peak	129.00	150	Vertical	N/A
4**	5823.400	91.47	-2.75	--	--	AV	129.00	150	Vertical	N/A
5	7408.825	49.02	-1.75	74.0	-24.98	Peak	52.00	150	Vertical	Pass
5**	7408.825	39.93	-1.75	54.0	-14.07	AV	52.00	150	Vertical	Pass
6	12209.787	50.73	2.58	74.0	-23.27	Peak	258.00	150	Vertical	Pass
6**	12209.787	41.21	2.58	54.0	-12.79	AV	258.00	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	1346.800	38.55	-17.67	74.0	-35.45	Peak	1.00	150	Horizontal	Pass
1**	1346.800	28.70	-17.67	54.0	-25.30	AV	1.00	150	Horizontal	Pass
2	2843.000	43.51	-10.82	74.0	-30.49	Peak	58.00	150	Horizontal	Pass
2**	2843.000	33.61	-10.82	54.0	-20.39	AV	58.00	150	Horizontal	Pass
3	4041.800	47.78	-5.38	74.0	-26.22	Peak	0.00	150	Horizontal	Pass
3**	4041.800	37.97	-5.38	54.0	-16.03	AV	0.00	150	Horizontal	Pass
4	5753.400	101.54	-3.50	--	--	Peak	238.00	150	Horizontal	N/A
4**	5753.400	93.95	-3.50	--	--	AV	238.00	150	Horizontal	N/A
5	7395.313	48.94	-1.58	74.0	-25.06	Peak	6.00	150	Horizontal	Pass
5**	7395.313	40.01	-1.58	54.0	-13.99	AV	6.00	150	Horizontal	Pass
6	11785.437	50.76	1.20	74.0	-23.24	Peak	81.00	150	Horizontal	Pass
6**	11785.437	40.73	1.20	54.0	-13.27	AV	81.00	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	1381.800	38.79	-17.51	74.0	-35.21	Peak	36.00	150	Vertical	Pass
1**	1381.800	28.31	-17.51	54.0	-25.69	AV	36.00	150	Vertical	Pass
2	2860.200	43.69	-10.55	74.0	-30.31	Peak	143.00	150	Vertical	Pass
2**	2860.200	33.85	-10.55	54.0	-20.15	AV	143.00	150	Vertical	Pass
3	4232.000	48.20	-5.03	74.0	-25.80	Peak	123.00	150	Vertical	Pass
3**	4232.000	38.86	-5.03	54.0	-15.14	AV	123.00	150	Vertical	Pass
4	5757.000	94.39	-3.51	--	--	Peak	188.00	150	Vertical	N/A
4**	5757.000	87.19	-3.51	--	--	AV	188.00	150	Vertical	N/A
5	7421.188	49.00	-2.06	74.0	-25.00	Peak	61.00	150	Vertical	Pass
5**	7421.188	39.33	-2.06	54.0	-14.67	AV	61.00	150	Vertical	Pass
6	11663.825	51.04	2.50	74.0	-22.96	Peak	24.00	150	Vertical	Pass
6**	11663.825	41.74	2.50	54.0	-12.26	AV	24.00	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	1534.900	38.53	-17.77	74.0	-35.47	Peak	58.00	150	Horizontal	Pass
1**	1534.900	29.27	-17.77	54.0	-24.73	AV	58.00	150	Horizontal	Pass
2	2737.700	42.73	-10.73	74.0	-31.27	Peak	42.00	150	Horizontal	Pass
2**	2737.700	33.36	-10.73	54.0	-20.64	AV	42.00	150	Horizontal	Pass
3	3979.800	47.54	-5.82	74.0	-26.46	Peak	196.00	150	Horizontal	Pass
3**	3979.800	37.44	-5.82	54.0	-16.56	AV	196.00	150	Horizontal	Pass
4	5792.200	101.66	-2.85	--	--	Peak	239.00	150	Horizontal	N/A
4**	5792.200	93.86	-2.85	--	--	AV	239.00	150	Horizontal	N/A
5	7473.800	48.95	-1.97	74.0	-25.05	Peak	202.00	150	Horizontal	Pass
5**	7473.800	38.94	-1.97	54.0	-15.06	AV	202.00	150	Horizontal	Pass
6	11693.725	51.40	2.35	74.0	-22.60	Peak	175.00	150	Horizontal	Pass
6**	11693.725	42.32	2.35	54.0	-11.68	AV	175.00	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	1539.400	38.68	-17.75	74.0	-35.32	Peak	1.00	150	Vertical	Pass
1**	1539.400	28.75	-17.75	54.0	-25.25	AV	1.00	150	Vertical	Pass
2	2874.500	44.25	-10.58	74.0	-29.75	Peak	360.00	150	Vertical	Pass
2**	2874.500	34.40	-10.58	54.0	-19.60	AV	360.00	150	Vertical	Pass
3	4161.400	48.20	-5.11	74.0	-25.80	Peak	343.00	150	Vertical	Pass
3**	4161.400	38.33	-5.11	54.0	-15.67	AV	343.00	150	Vertical	Pass
4	5790.600	93.96	-2.87	--	--	Peak	128.00	150	Vertical	N/A
4**	5790.600	86.50	-2.87	--	--	AV	128.00	150	Vertical	N/A
5	7541.650	49.35	-1.64	74.0	-24.65	Peak	15.00	150	Vertical	Pass
5**	7541.650	40.43	-1.64	54.0	-13.57	AV	15.00	150	Vertical	Pass
6	11704.362	50.66	2.24	74.0	-23.34	Peak	248.00	150	Vertical	Pass
6**	11704.362	42.94	2.24	54.0	-11.06	AV	248.00	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	1590.100	38.57	-17.73	74.0	-35.43	Peak	181.00	150	Horizontal	Pass
1**	1590.100	28.70	-17.73	54.0	-25.30	AV	181.00	150	Horizontal	Pass
2	2817.900	44.30	-10.61	74.0	-29.70	Peak	25.00	150	Horizontal	Pass
2**	2817.900	33.84	-10.61	54.0	-20.16	AV	25.00	150	Horizontal	Pass
3	3683.400	46.35	-7.30	74.0	-27.65	Peak	33.00	150	Horizontal	Pass
3**	3683.400	36.45	-7.30	54.0	-17.55	AV	33.00	150	Horizontal	Pass
4	5768.200	98.70	-3.38	--	--	Peak	261.00	150	Horizontal	N/A
4**	5768.200	90.22	-3.38	--	--	AV	261.00	150	Horizontal	N/A
5	7428.375	48.68	-2.19	74.0	-25.32	Peak	267.00	150	Horizontal	Pass
5**	7428.375	39.38	-2.19	54.0	-14.62	AV	267.00	150	Horizontal	Pass
6	11652.901	51.26	2.54	74.0	-22.74	Peak	331.00	150	Horizontal	Pass
6**	11652.901	41.99	2.54	54.0	-12.01	AV	331.00	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	1558.600	38.68	-17.67	74.0	-35.32	Peak	230.00	150	Vertical	Pass
1**	1558.600	29.04	-17.67	54.0	-24.96	AV	230.00	150	Vertical	Pass
2	2790.300	42.94	-11.10	74.0	-31.06	Peak	150.00	150	Vertical	Pass
2**	2790.300	34.03	-11.10	54.0	-19.97	AV	150.00	150	Vertical	Pass
3	4255.600	48.22	-4.74	74.0	-25.78	Peak	217.00	150	Vertical	Pass
3**	4255.600	38.72	-4.74	54.0	-15.28	AV	217.00	150	Vertical	Pass
4	5777.600	90.99	-3.17	--	--	Peak	129.00	150	Vertical	N/A
4**	5777.600	83.53	-3.17	--	--	AV	129.00	150	Vertical	N/A
5	7334.362	49.32	-2.64	74.0	-24.68	Peak	341.00	150	Vertical	Pass
5**	7334.362	38.14	-2.64	54.0	-15.86	AV	341.00	150	Vertical	Pass
6	11660.375	51.77	2.51	74.0	-22.23	Peak	164.00	150	Vertical	Pass
6**	11660.375	42.17	2.51	54.0	-11.83	AV	164.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

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

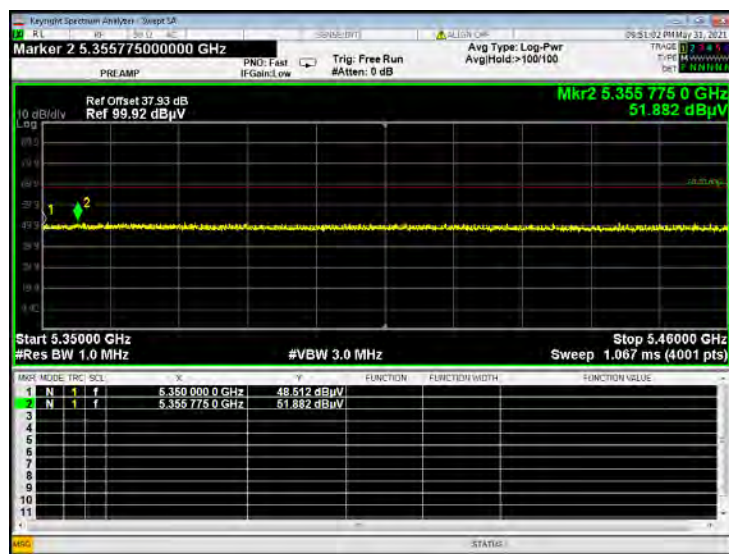
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Plots

U-NII-1 11a CH36 Peak



U-NII-1 11a CH48 Peak



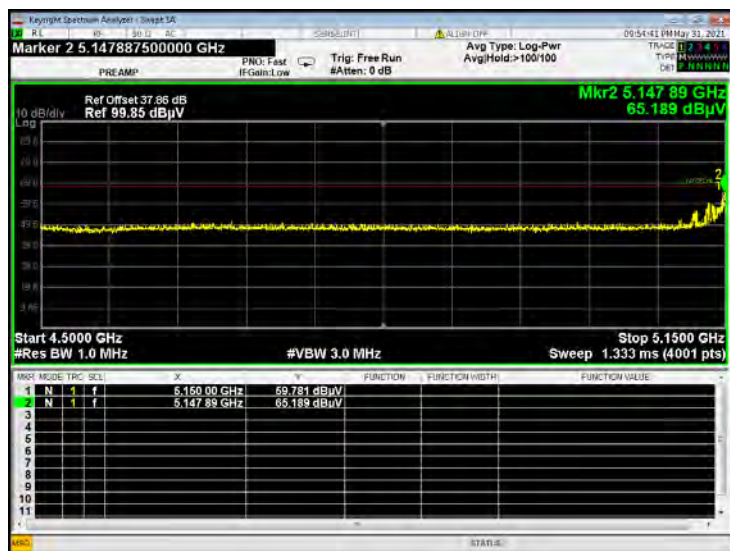
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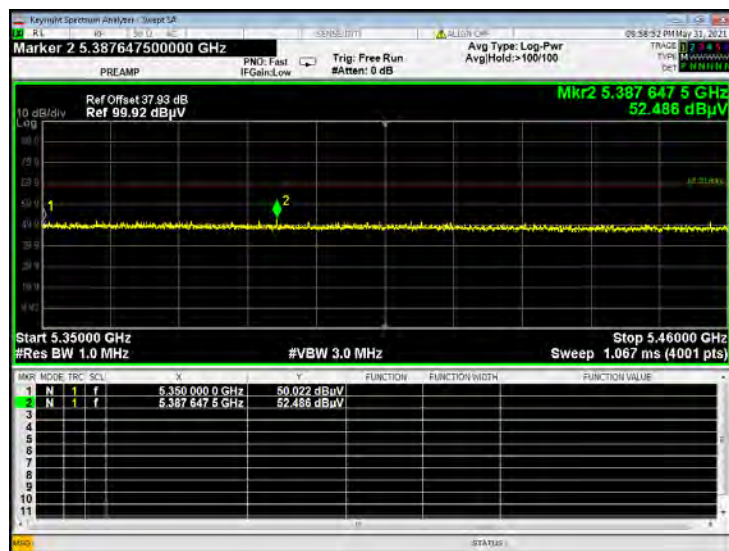
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U-NII-1 11n20 CH36 Peak



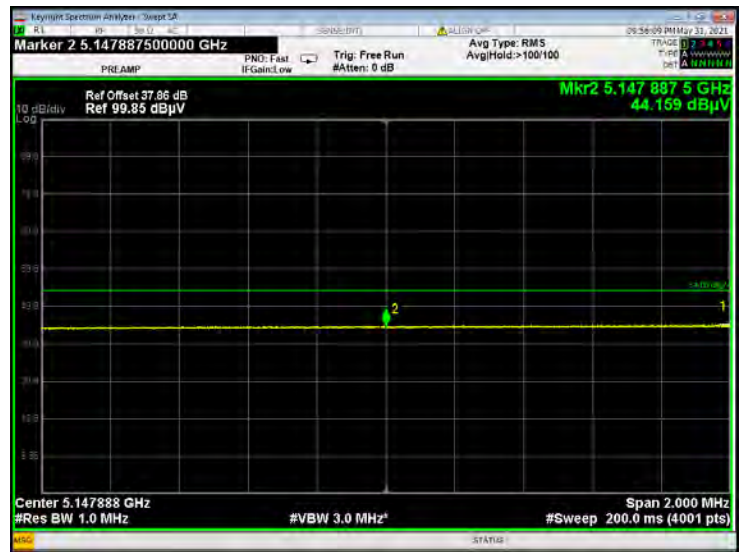
U-NII-1 11n20 CH48 Peak



U-NII-1 11n20 CH36 AV



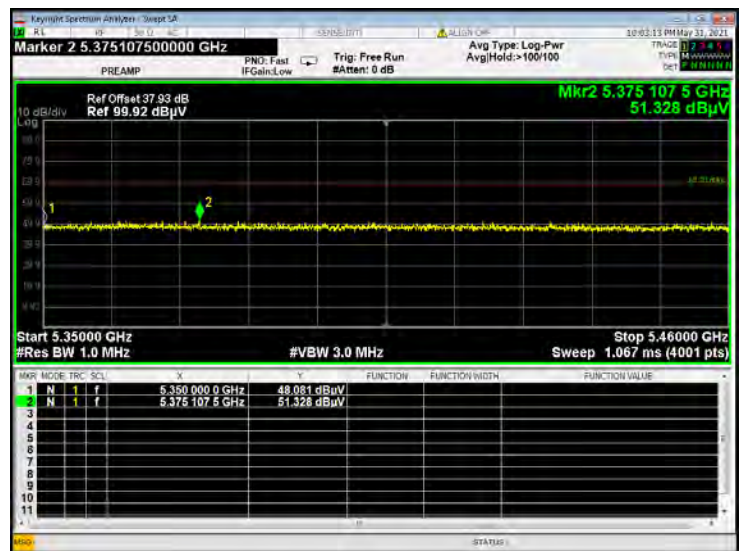
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U-NII-1 11n40 CH38 Peak



U-NII-1 11n40 CH46 Peak



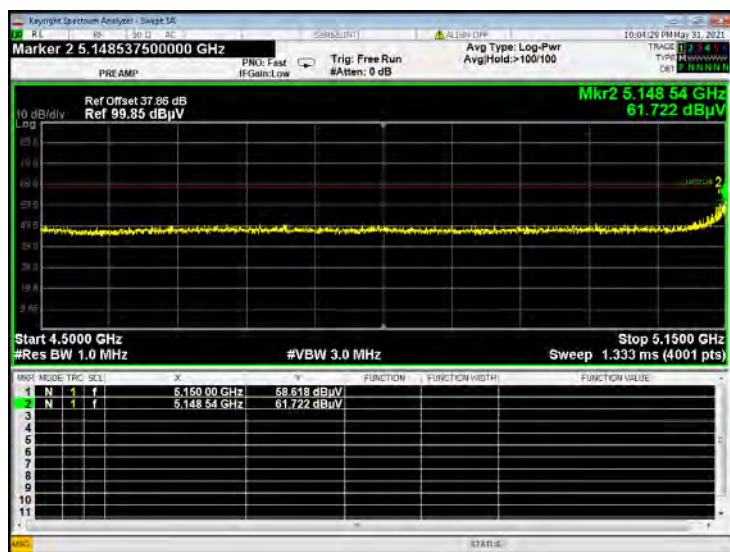
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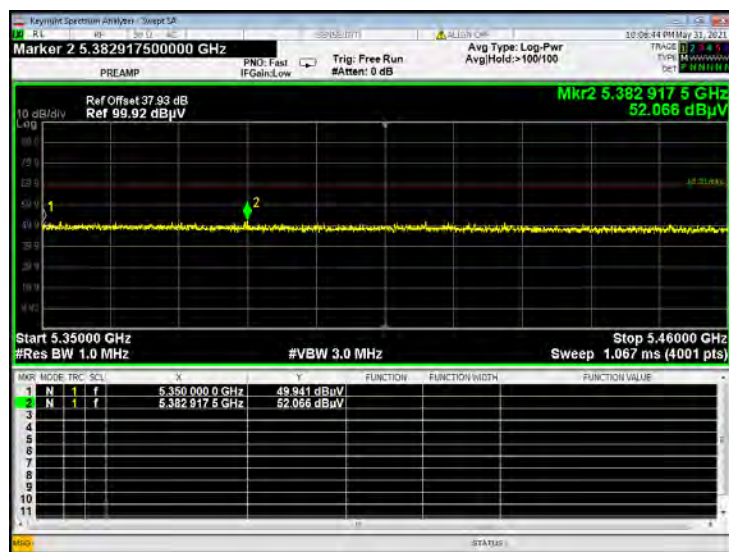
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U-NII-1 11ac20 CH36 Peak



U-NII-1 11ac20 CH48 Peak



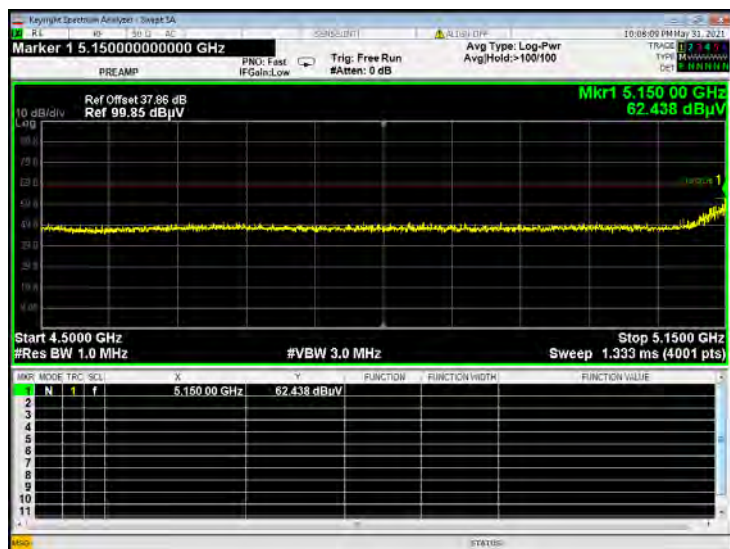
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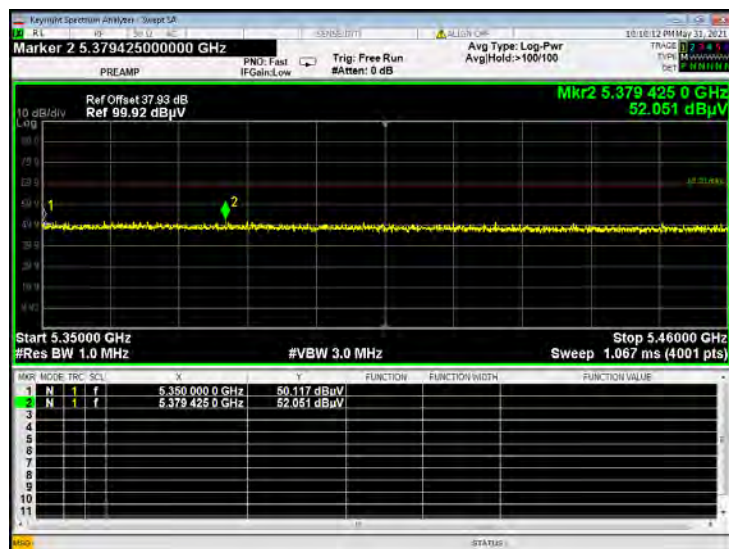
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U-NII-1 11ac40 CH38 Peak



U-NII-1 11ac40 CH46 Peak



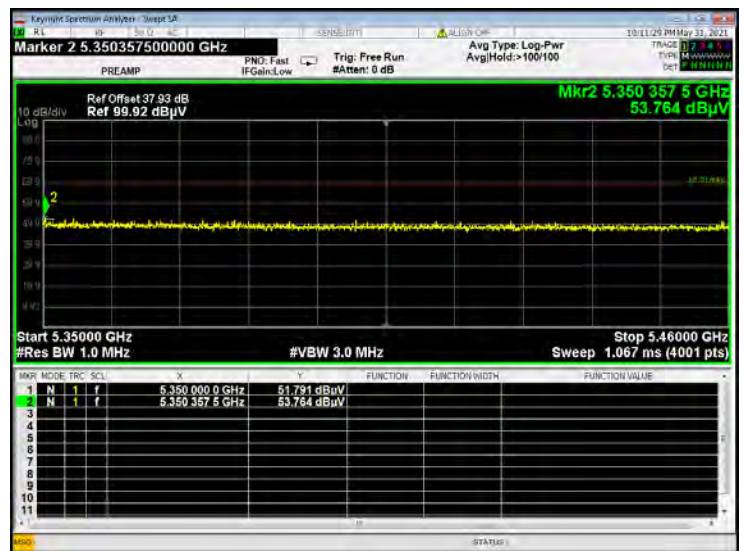
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U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 Peak



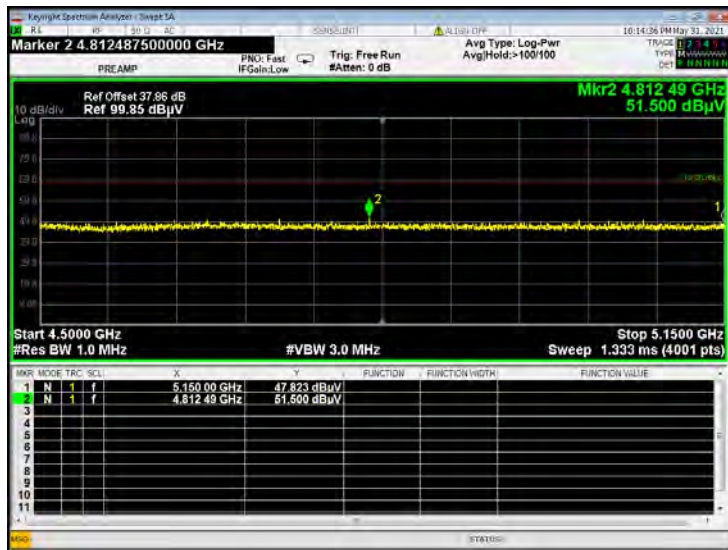
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U-NII-1 11ac80 CH42 AV



U-NII-2A 11a CH52 Peak



U-NII-2A 11a CH64 Peak



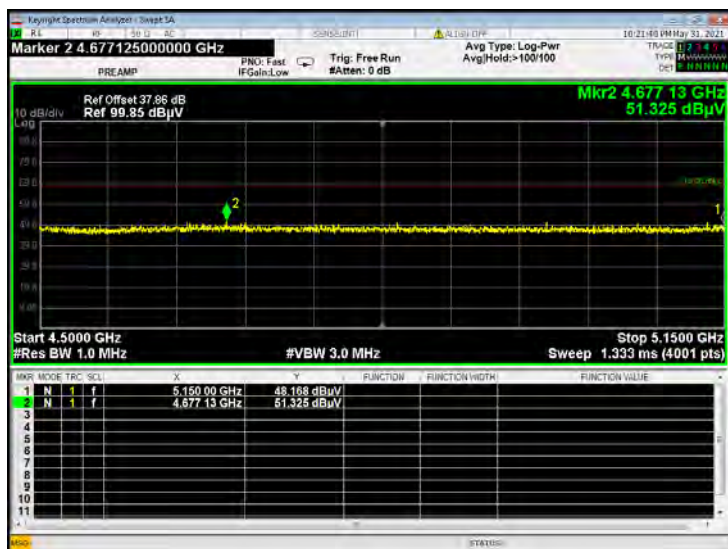
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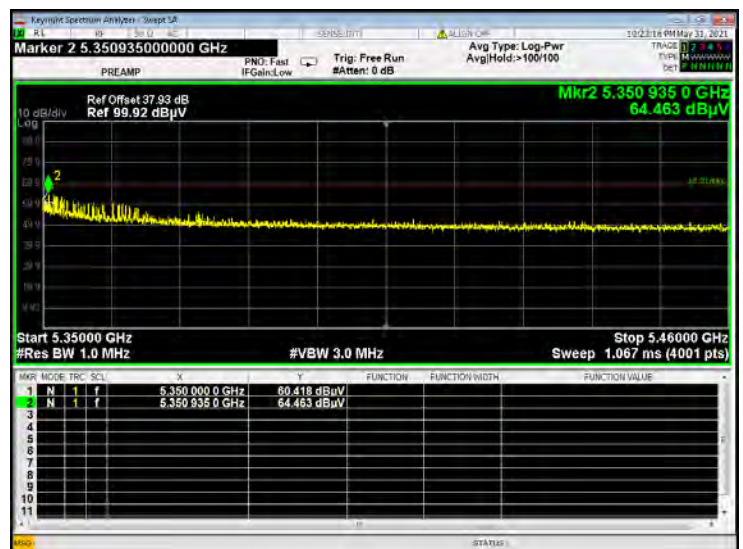
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U-NII-2A 11n20 CH52 Peak



U-NII-2A 11n20 CH64 Peak



U-NII-2A 11n20 CH64 AV



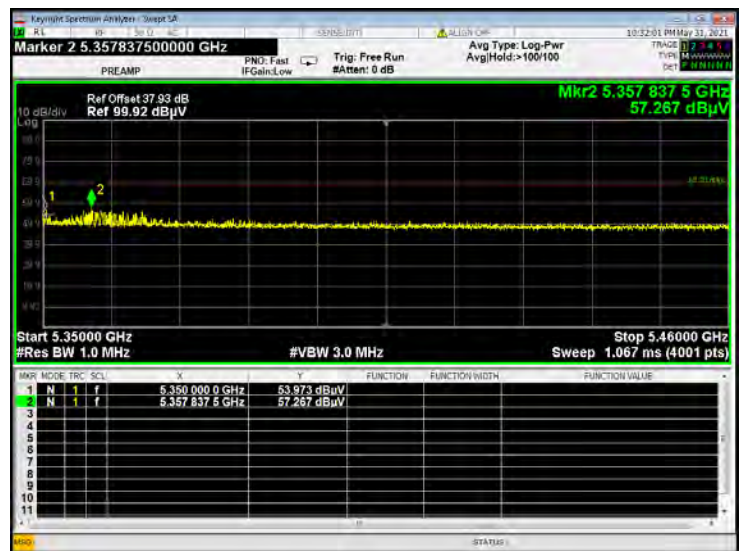
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U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH54 Peak



U-NII-2A 11n40 CH54 AV



U-NII-2A 11n40 CH62 Peak



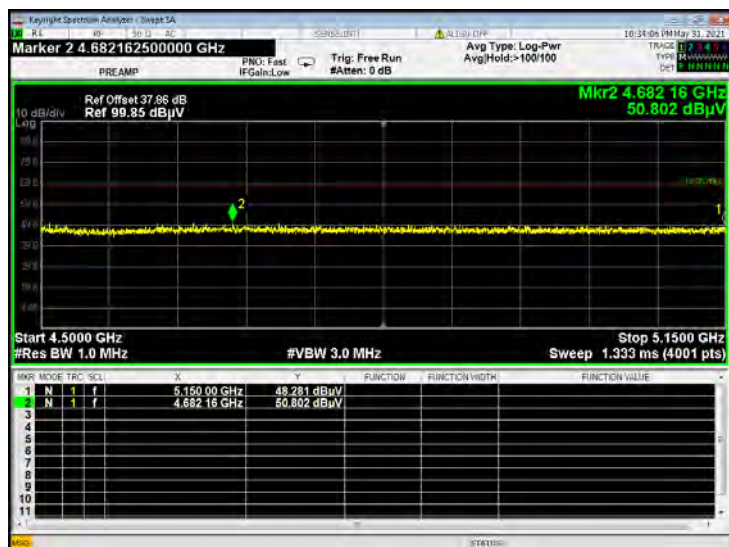
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U-NII-2A 11n40 CH62 AV



U-NII-2A 11ac20 CH52 Peak



U-NII-2A 11ac20 CH64 Peak



U-NII-2A 11ac20 CH64 AV



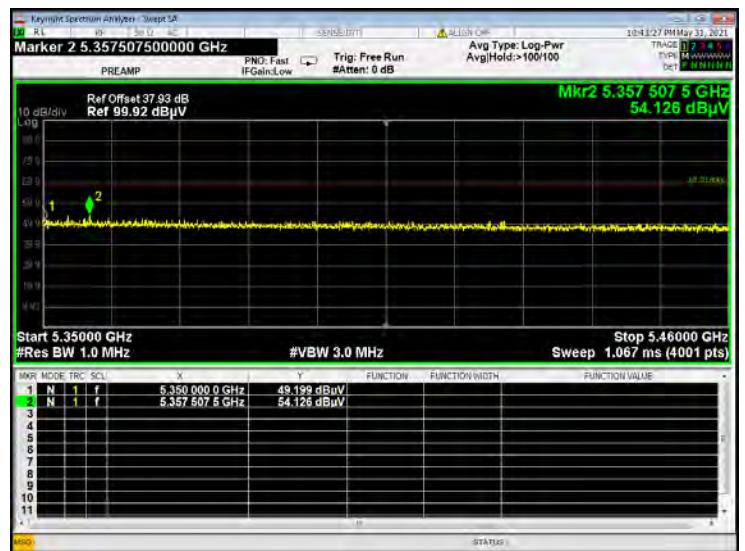
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U-NII-2A 11ac40 CH54 Peak



U-NII-2A 11ac40 CH54 Peak



U-NII-2A 11ac40 CH54 AV



U-NII-2A 11ac40 CH62 Peak



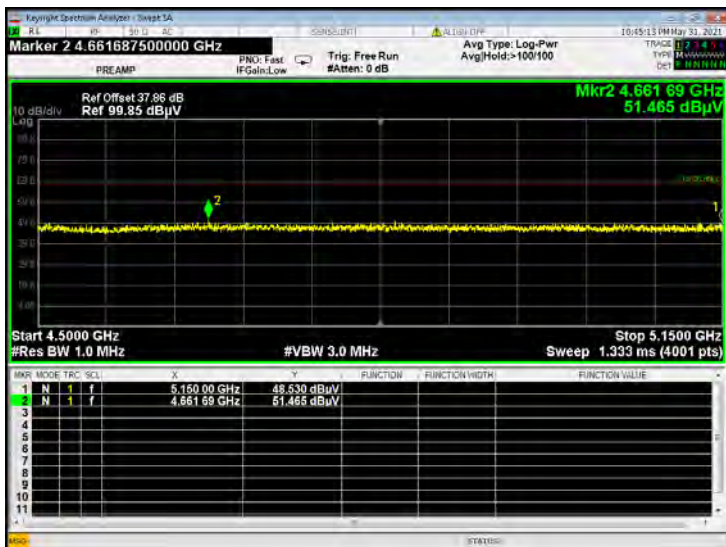
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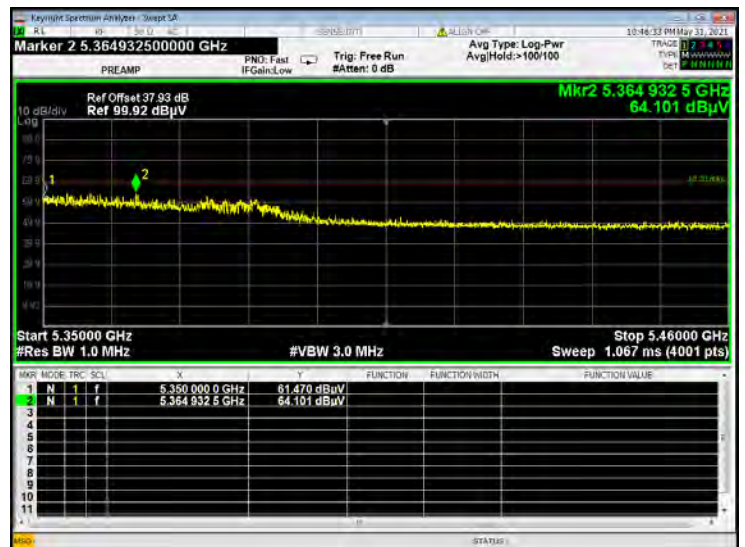
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U-NII-2A 11ac80 CH58 Peak



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



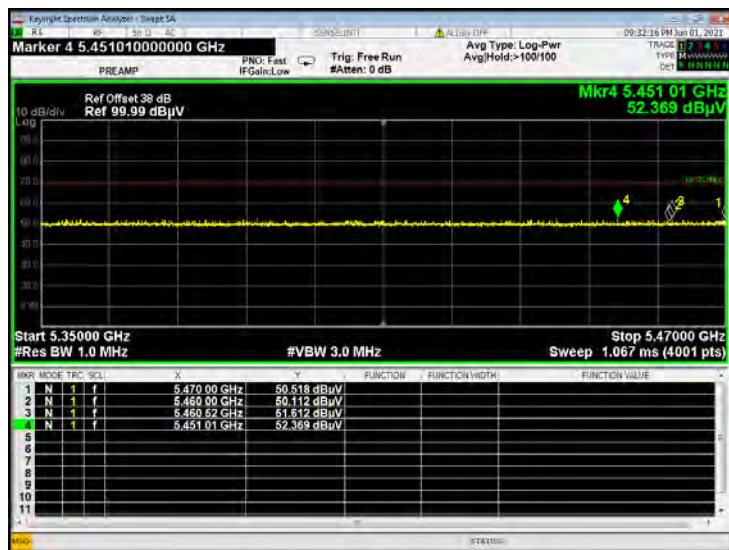
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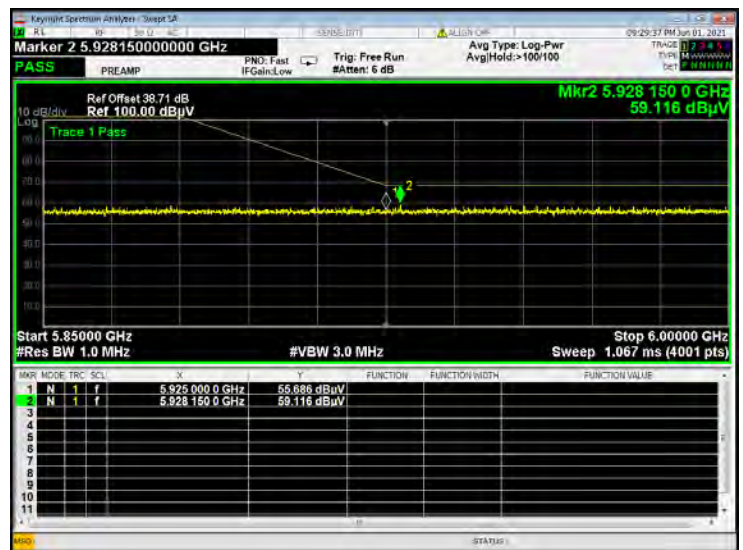
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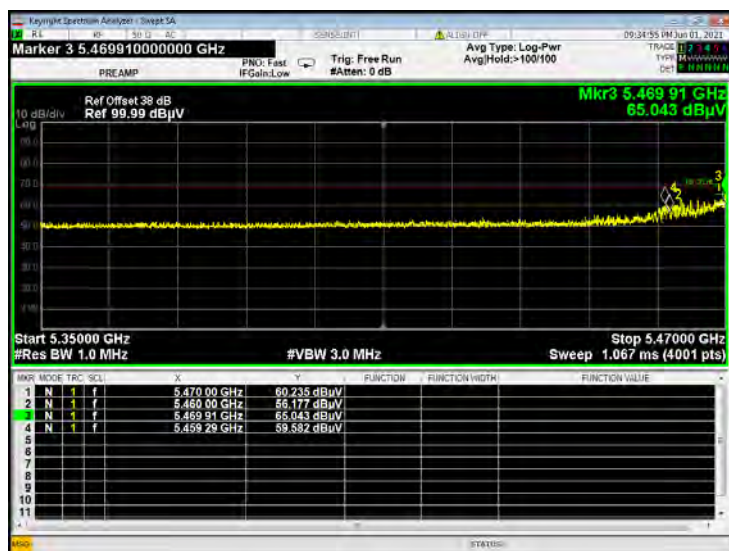
U-NII-2C 11a CH144 Peak



U-NII-2C 11a CH144 Peak



U-NII-2C 11n20 CH100 Peak



U-NII-2C 11n20 CH140 Peak



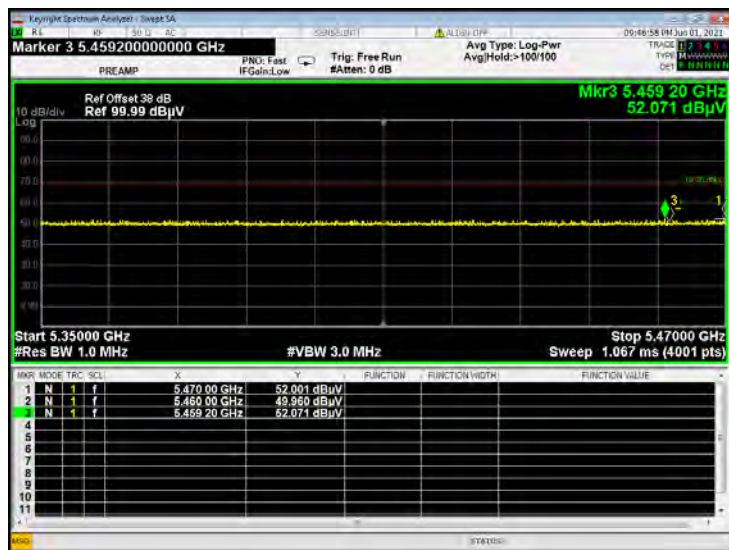
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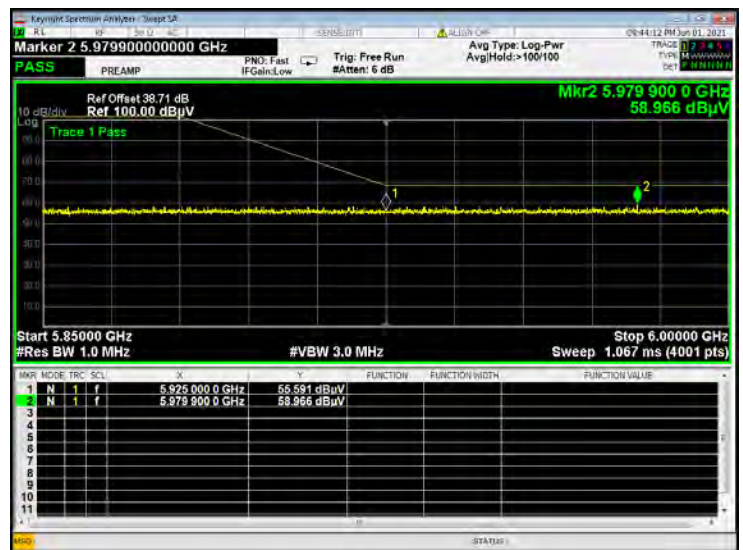
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U-NII-2C 11n20 CH144 Peak



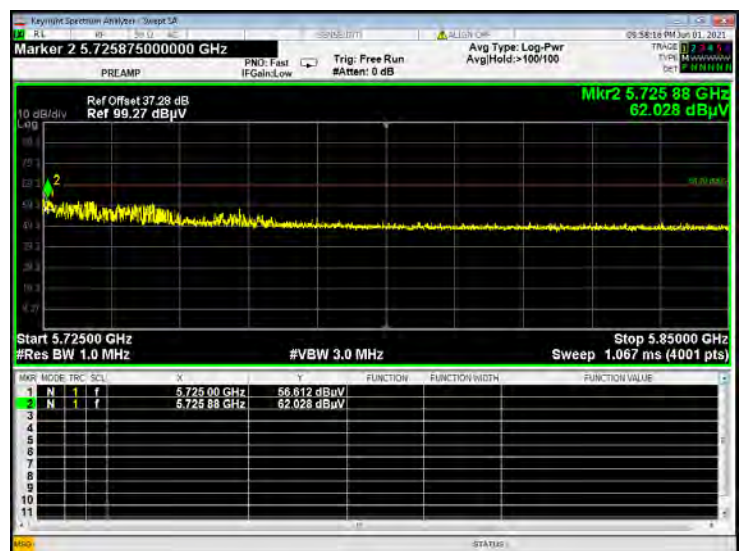
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U-NII-2C 11n40 CH102 Peak



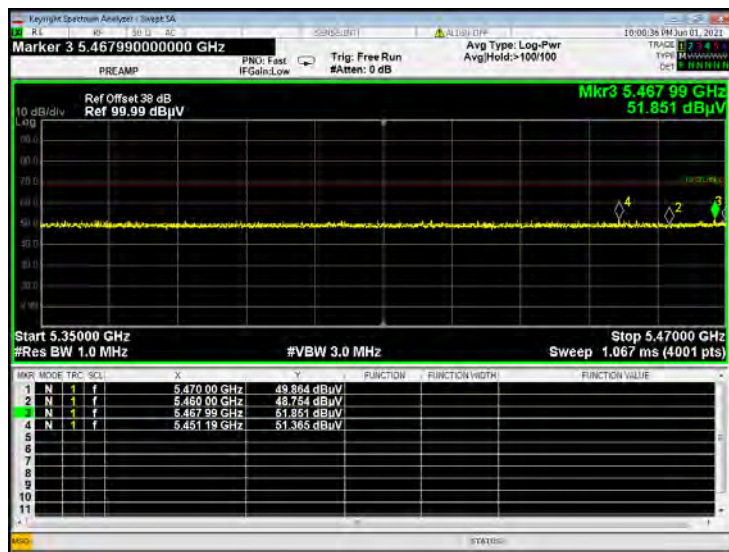
U-NII-2C 11n40 CH134 Peak



U-NII-2C 11n40 CH102 AV



U-NII-2C 11n40 CH142 Peak



U-NII-2C 11n40 CH142 Peak



U-NII-2C 11ac20 CH100 Peak



U-NII-2C 11ac20 CH140 Peak



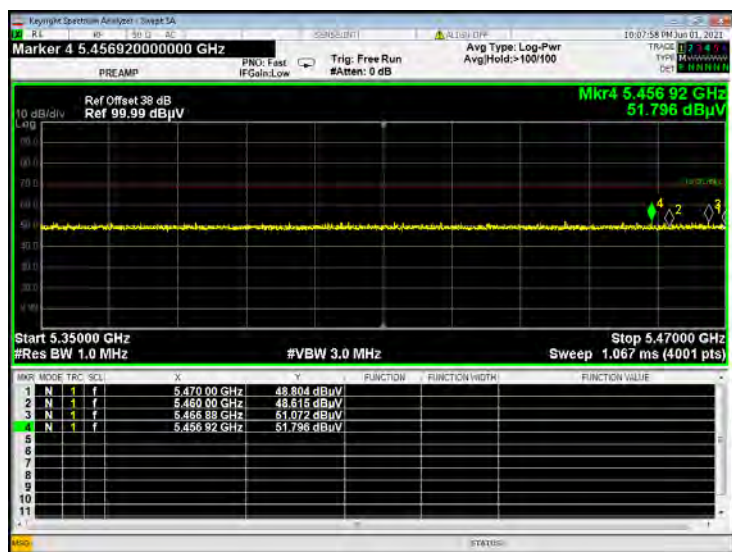
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U-NII-2C 11ac20 CH100 AV



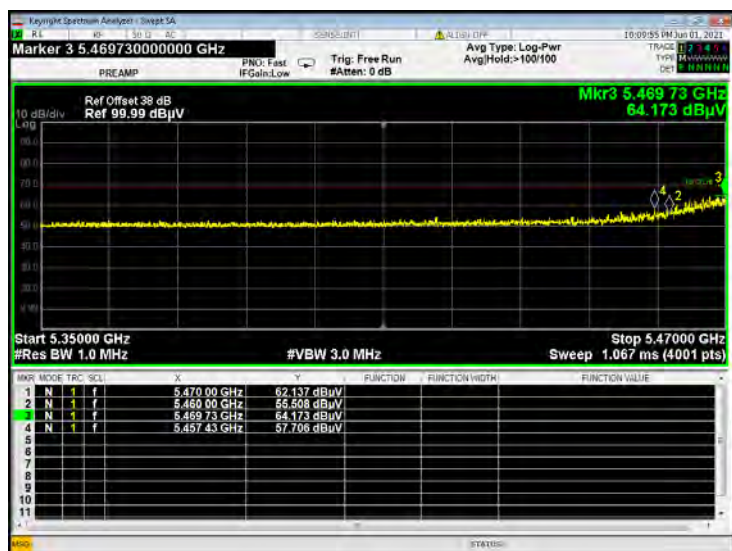
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U-NII-2C 11ac20 CH144 Peak



U-NII-2C 11ac40 CH102 Peak



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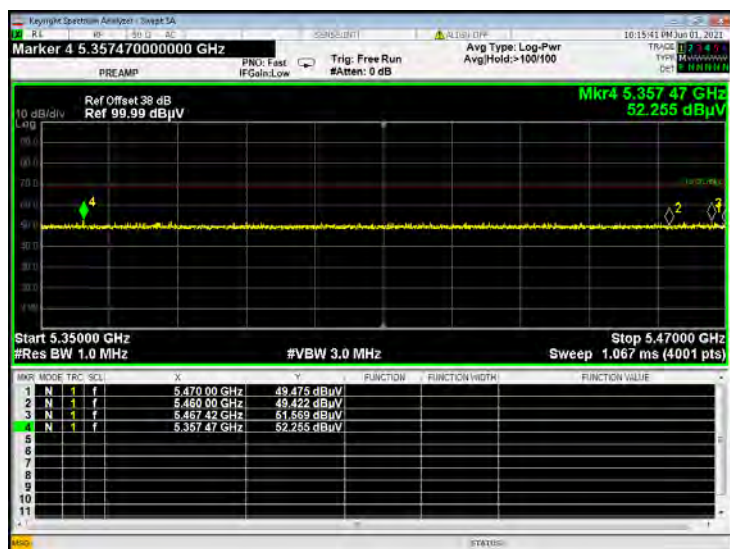
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U-NII-2C 11ac40 CH102 AV



U-NII-2C 11ac40 CH142 Peak



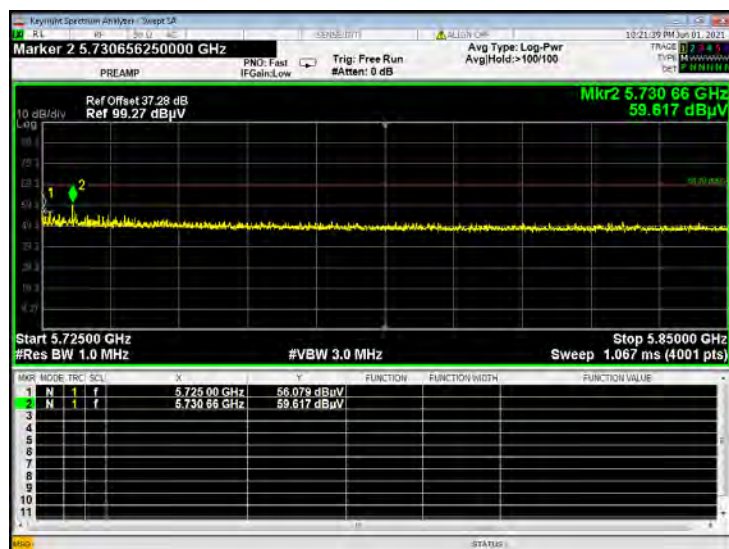
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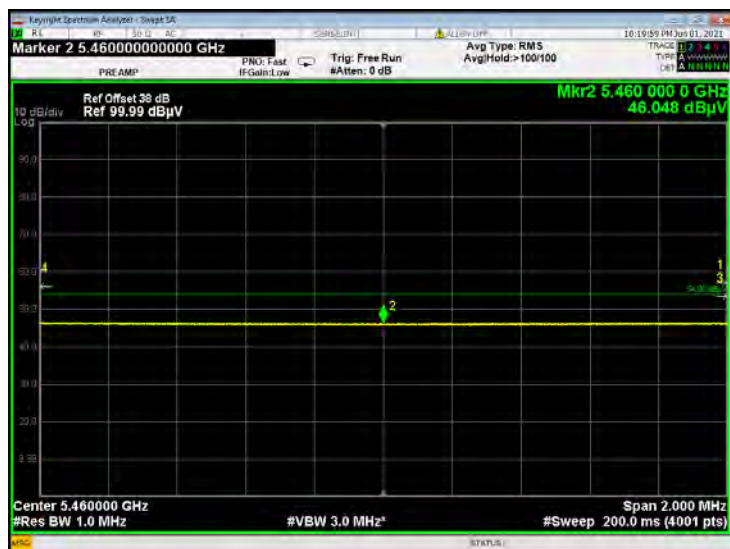
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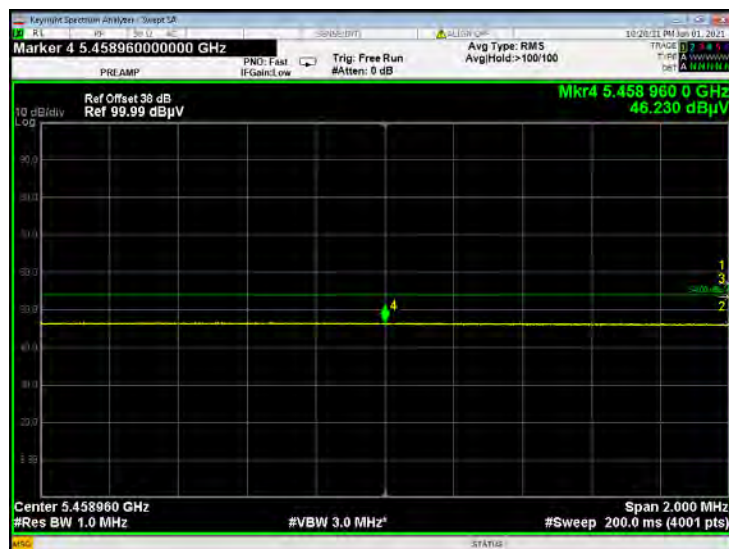
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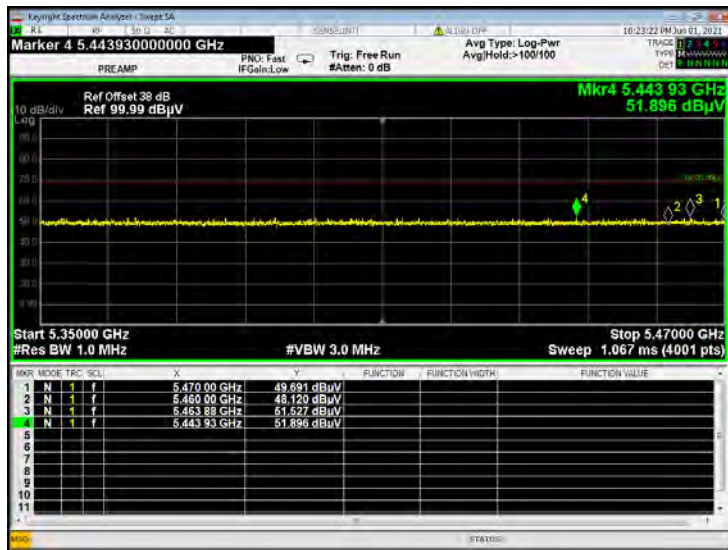
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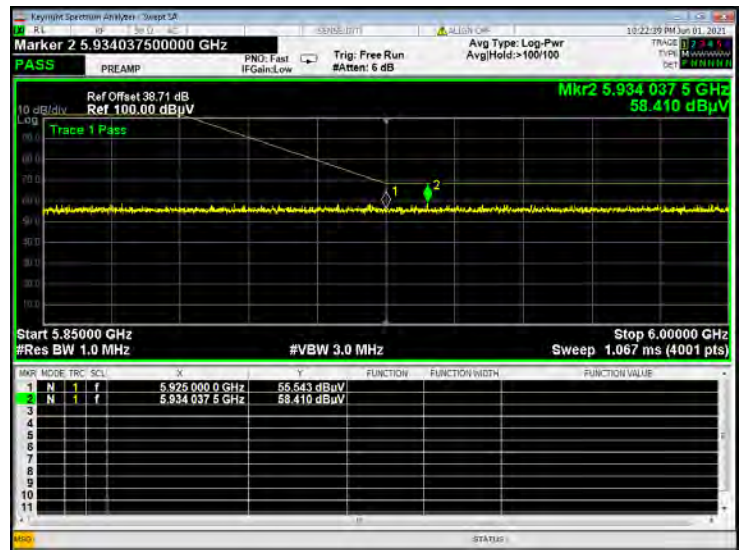
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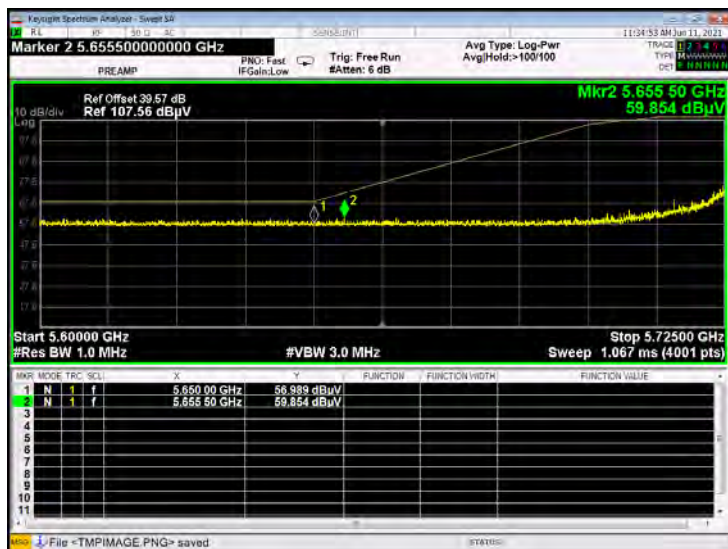
U-NII-2C 11ac80 CH138 Peak



U-NII-2C 11ac80 CH138 Peak



U-NII-3 11a CH149 Peak



U-NII-3 11a CH165 Peak



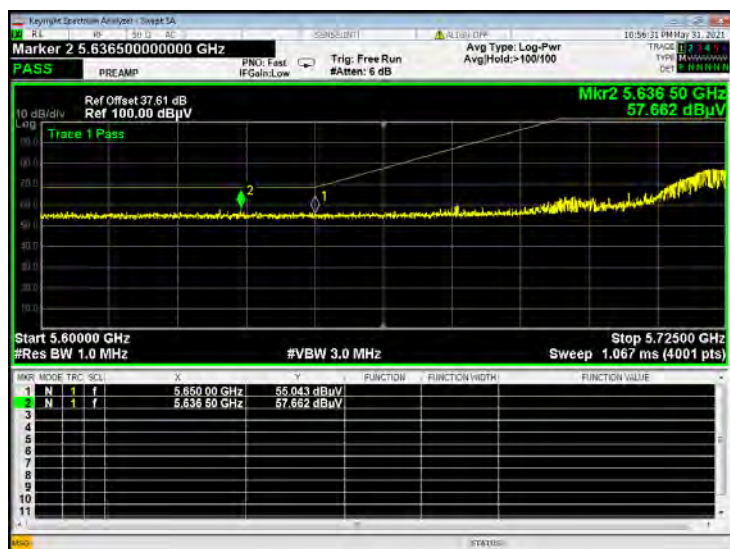
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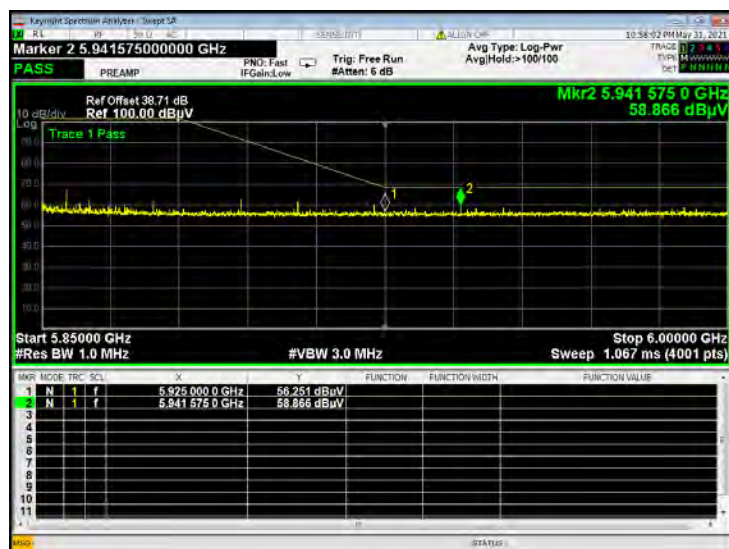
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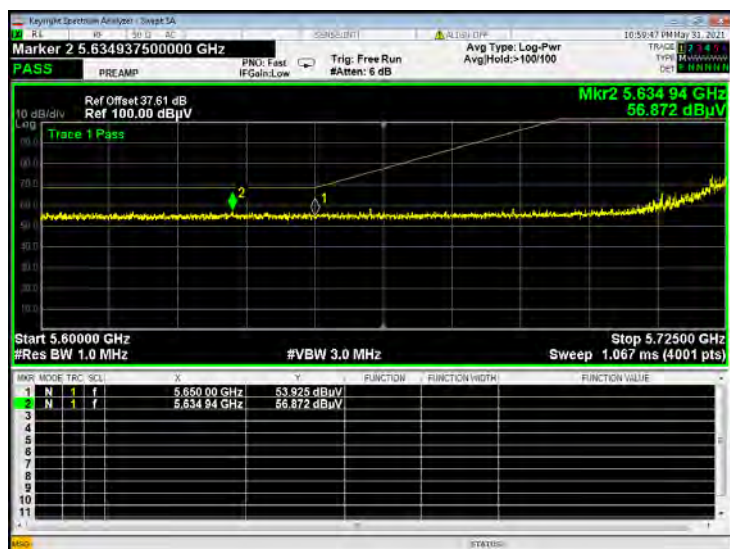
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U-NII-3 11n40 CH159 Peak



U-NII-3 11ac20 CH149 Peak



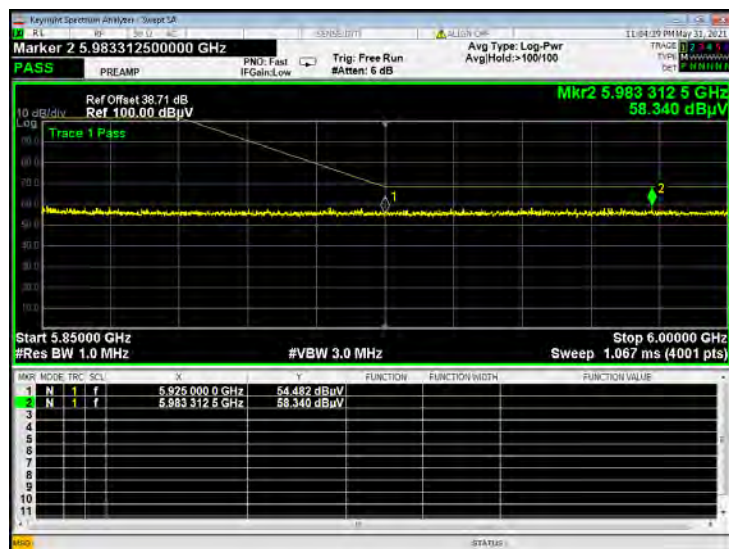
U-NII-3 11ac20 CH165 Peak



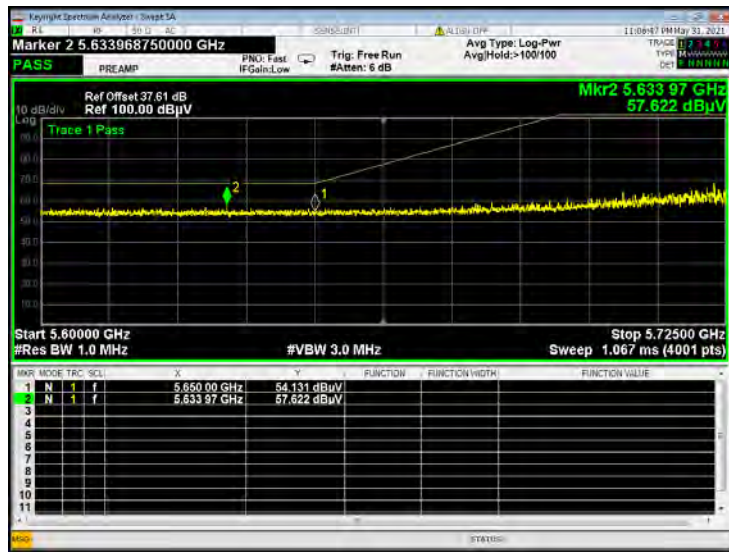
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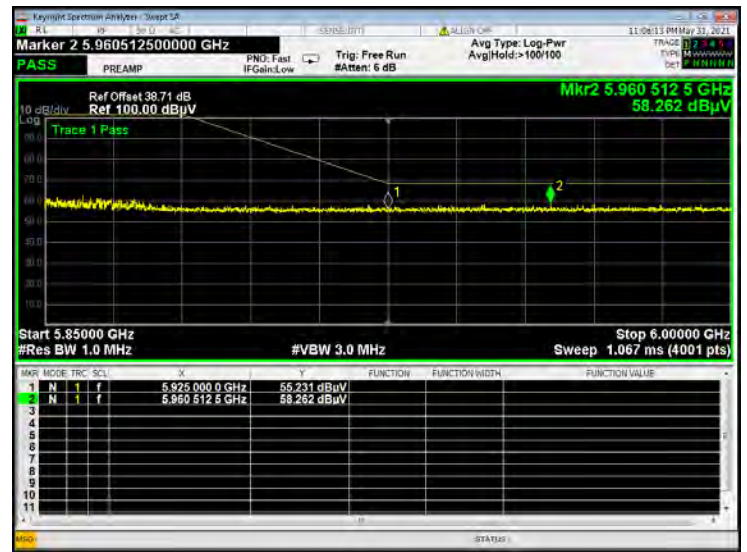
U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH155 Peak



U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2150618-AR.pdf".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2150618-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2150618-AI.PDF".

--END OF REPORT--