FCC RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Gigabit Home AC Router

ISSUED TO
GL Technologies (Hong Kong) Limited

FLAT/RM 203 2/F BUILDING 19W 19 SCIENCE PARK WEST AVENUE SHATIN NT

Prepared by: Ye Hongji
Date: Jan. 19, 2021

Approved by: Wei Yanquan
(Chief Engineer)
Date: Jan. 19, 2021

Report No.:	BL-SZ20C0477-602
EUT Name:	Gigabit Home AC Router
Model Name:	GL-B1300
Brand Name:	GL.iNET
Test Standard:	47 CFR Part 15 Subpart E
FCC ID:	2AFIW-GLB1300
Test Conclusion:	Pass
Test Date:	Dec. 17, 2020 ~ Jan. 11, 2021
Date of Issue:	Jan. 19, 2021

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Jan. 15, 2021	Initial Issue
Rev. 02	Jan. 19, 2021	Correct 2.4G technical information, power limit and power spectral density limit

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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
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

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

1.4 Announce

(1) The test report reference to the report template version v4.4.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

(6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

(7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	GL Technologies (Hong Kong) Limited
Address	FLAT/RM 203 2/F BUILDING 19W 19 SCIENCE PARK WEST AVENUE SHATIN NT

2.2 Manufacturer

Manufacturer	Shenzhen Guanglianzhitong Tech Co., Ltd
Address	Room 305-306, Skyworth Digital Building, Shiyan Street, Baoan District, Shenzhen, China

2.3 Factory

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Gigabit Home AC Router
Model Name Under Test	GL-B1300
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/HT40), 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/3

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-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 for FCC standard
Transfer Rate (Mbps) (Single RF path)		802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth		802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power		U-NII-1: 19.96 dBm U-NII-3: 19.90 dBm
Antenna System (eg., MIMO, Smart Antenna)		Cyclic Delay Diversity (CDD)
Categorization as Correlated or Completely Uncorrelated		Correlated
Antenna Type	Main Antenna	PCB Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 3.37 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.00 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 4.76 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.83 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Total directional gain	For power spectral density(PSD) measurements	U-NII-1: 5150 MHz to 5250 MHz: 4.76dBi U-NII-3: 5725 MHz to 5850 MHz: 6.00 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain = 10 log(NANT/NSS) dB*. *NSS* =2, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	U-NII-1: 5150 MHz to 5250 MHz: 4.76 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.00 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.
About the Product		The equipment is Gigabit Home AC Router, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

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

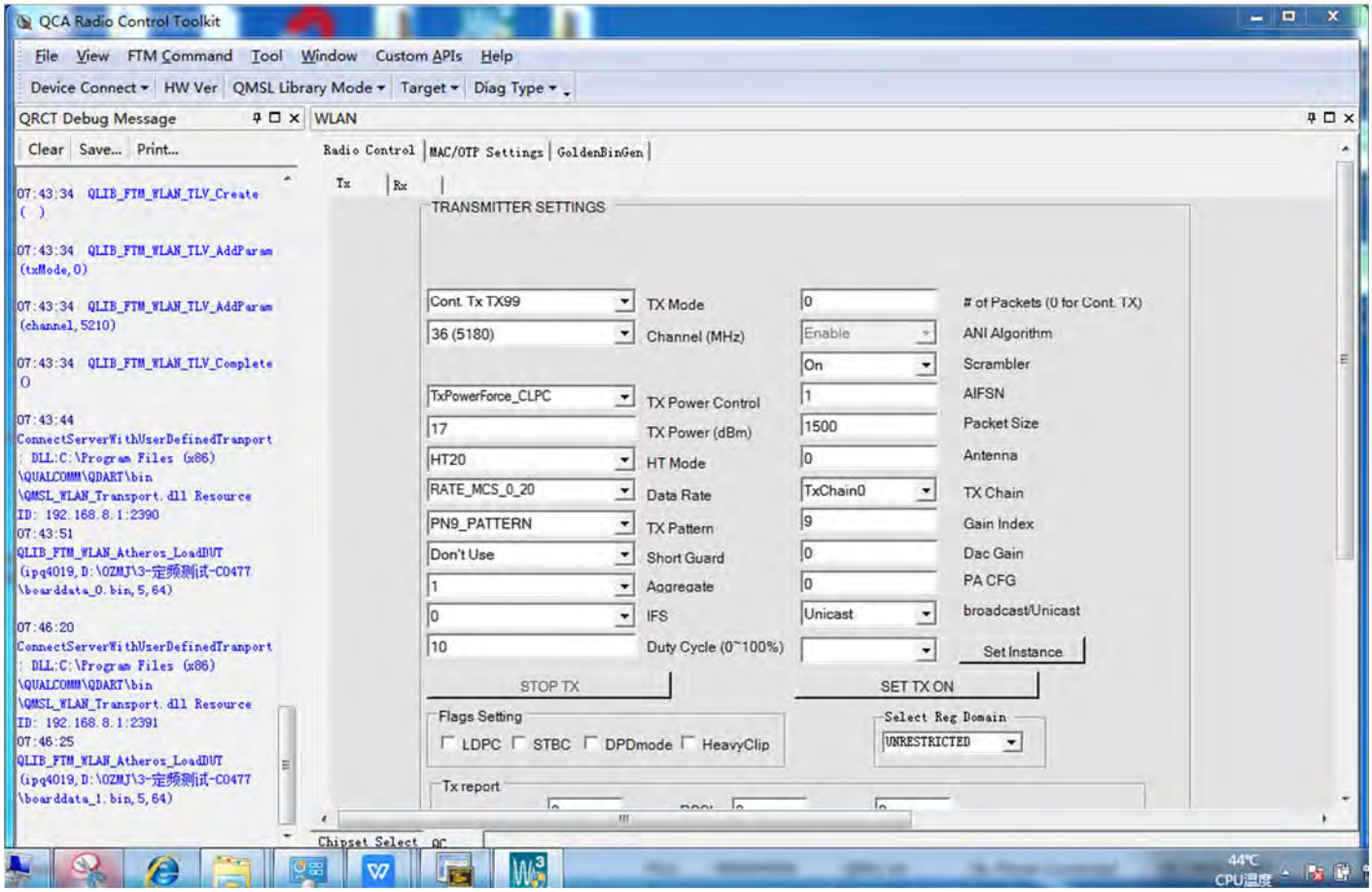
During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final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

Test Software Version	QRCT3		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

U-NII-1 (5150 - 5250 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH36	5180	19.5	20.0	--	--
11a	CH44	5220	21.0	21.0	--	--
11a	CH48	5240	21.0	21.5	--	--
11n (HT20)	CH36	5180	18.5	19.5	18.5	18.5
11n (HT20)	CH44	5220	21.0	21.0	20.5	20.5
11n (HT20)	CH48	5240	21.0	21.5	21.0	21.0
11n (HT40)	CH38	5190	16.5	16.5	15.5	15.5
11n (HT40)	CH46	5230	20.5	21.0	20.5	20.5
11ac (VHT20)	CH36	5180	18.5	19.5	19.0	19.0
11ac (VHT20)	CH44	5220	21.0	21.0	20.5	20.5
11ac (VHT20)	CH48	5240	21.0	21.5	21.0	21.0
11ac (VHT40)	CH38	5190	16.5	16.5	15.5	15.5
11ac (VHT40)	CH46	5230	20.5	21.0	21.0	21.0
11ac (VHT80)	CH42	5210	16.0	16.5	15.0	15.0

U-NII-3 (5725 - 5850 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH149	5745	21.5	22.0	--	--
11a	CH157	5785	21.0	21.5	--	--
11a	CH165	5825	21.0	21.5	--	--
11n (HT20)	CH149	5745	21.5	22.0	21.5	21.5
11n (HT20)	CH157	5785	21.0	21.5	21.5	21.5
11n (HT20)	CH165	5825	21.0	21.5	21.0	21.0
11n (HT40)	CH151	5755	21.5	22.0	21.5	21.5
11n (HT40)	CH159	5795	21.0	21.5	21.5	21.5
11ac (VHT20)	CH149	5745	21.5	22.0	21.5	21.5
11ac (VHT20)	CH157	5785	21.0	21.5	21.5	21.5
11ac (VHT20)	CH165	5825	21.0	21.5	21.5	21.5
11ac (VHT40)	CH151	5755	21.5	22.0	21.5	21.5
11ac (VHT40)	CH159	5795	21.0	21.5	21.5	21.5
11ac (VHT80)	CH155	5775	21.5	22.0	22.0	22.0

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**	**155**	**5775**
44	**5220**	**151**	**5755**		
48	**5240**	**159**	**5795**		
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

Note: Until further notice, devices subject to this section shall not be capable of transmitting in the band 5600-5650 MHz. This restriction is for the protection of weather radars operating in this band.

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

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

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	151	Low	5755
46	High	5230	159	High	5795

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	155	Mid	5775

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1 Channel	U-NII-3 Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E (10-1-16 Edition)	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

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

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22℃ to +25℃
	LT (Low Temperature)	-20℃
	HT (High Temperature)	+40℃
Working Voltage of the EUT	NV (Normal Voltage)	12 V
	LV (Low Voltage)	11.4 V
	HV (High Voltage)	12.6 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2020.06.08	2021.06.07
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2020.06.08	2021.06.07
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2020.06.08	2021.06.07
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
Temperature Chamber	AHK	SP20	1412	2020.06.10	2021.06.09
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2021.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.01.05	2023.01.04
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2018.08.08	2021.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2020.06.08	2021.06.07
Power Amplifier	OPHIR RF	5225F	1037	2020.02.19	2021.02.18
Power Amplifier	OPHIR RF	5273F	1016	2020.02.19	2021.02.18
Directional Coupler	Werlantone	C5982-10	109275	N/A	N/A
Directional Coupler	Werlantone	CHP-273E	S00801z-01	N/A	N/A

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

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2020.06.08	2021.06.07
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2020.06.08	2021.06.07
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2020.06.08	2021.06.07
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
Temperature Chamber	AHK	SP20	1412	2020.06.10	2021.06.09
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2021.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2019.01.06	2021.01.05
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	N/A	2018.08.08	2021.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2020.06.08	2021.06.07
Power Amplifier	OPHIR RF	5225F	1037	2020.02.19	2021.02.18
Power Amplifier	OPHIR RF	5273F	1016	2020.02.19	2021.02.18
Directional Coupler	Werlantone	C5982-10	109275	N/A	N/A
Directional Coupler	Werlantone	CHP-273E	S00801z-01	N/A	N/A
Sound Level Meter	B&K	NL-20	00844023	2020.10.23	2021.10.22
Ear Simulator	B&K	4192-L-001	3038758	2020.02.19	2021.02.18
Audio analyzer	B&K	UPL 16	100129	2020.02.28	2021.02.27

4.3 Measurement Uncertainty

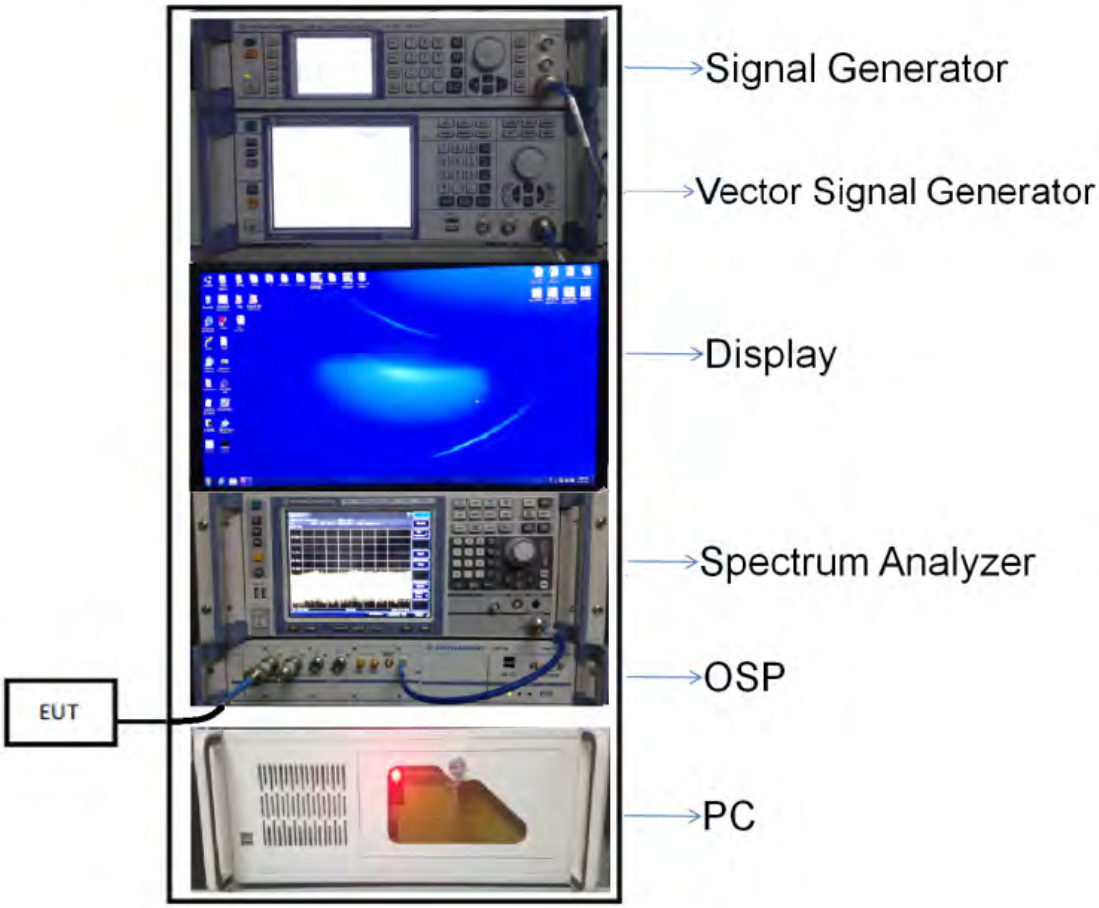
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
Occupied Channel Bandwidth	±4%
RF output power, conducted	±1.4 dB
Power Spectral Density, conducted	±2.5 dB
Unwanted Emissions, conducted	±2.8 dB
All emissions, radiated	±5.4 dB
Temperature	±1°C
Humidity	±4%

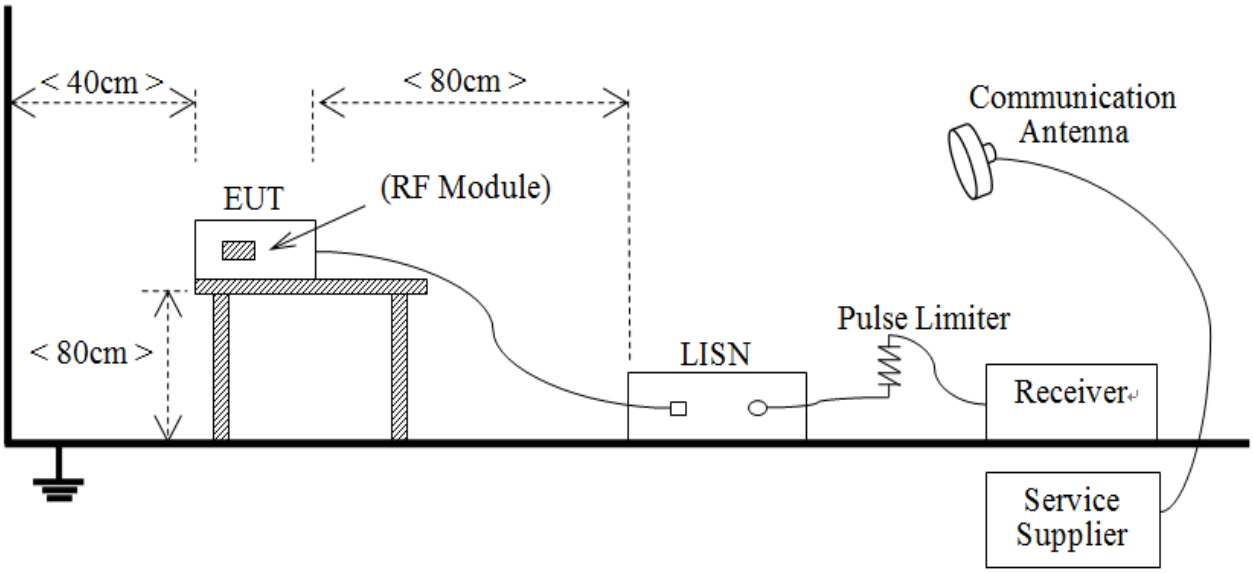
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



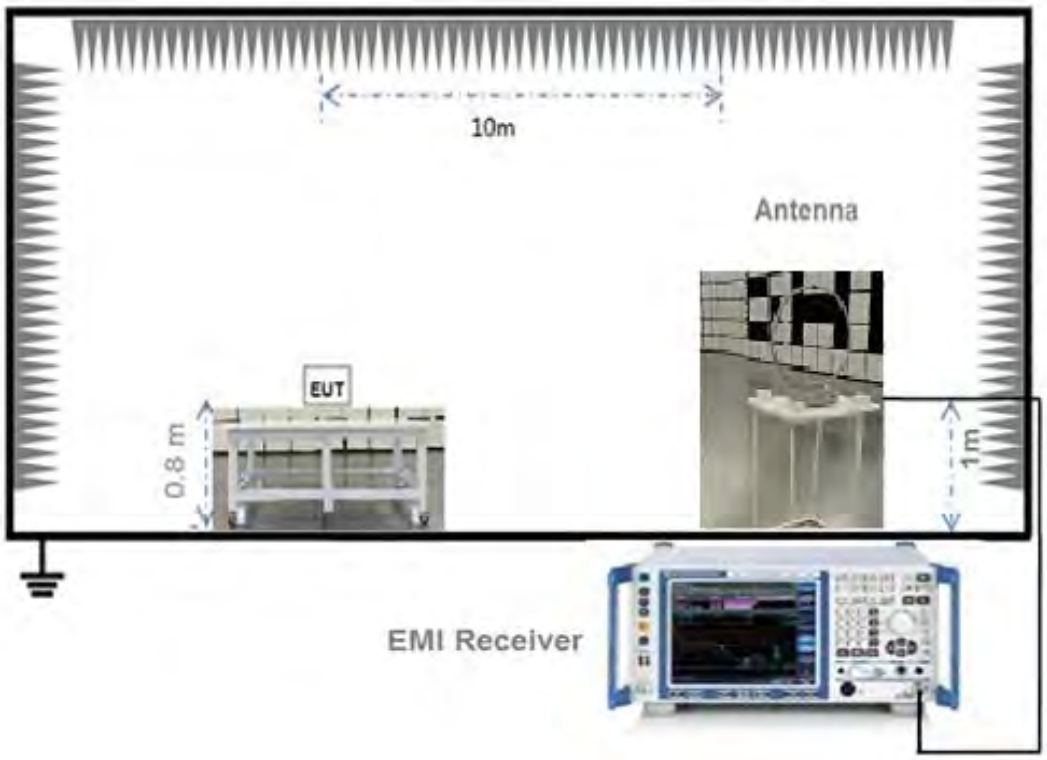
(Diagram 1)

4.4.2 For AC Power Supply Port Test



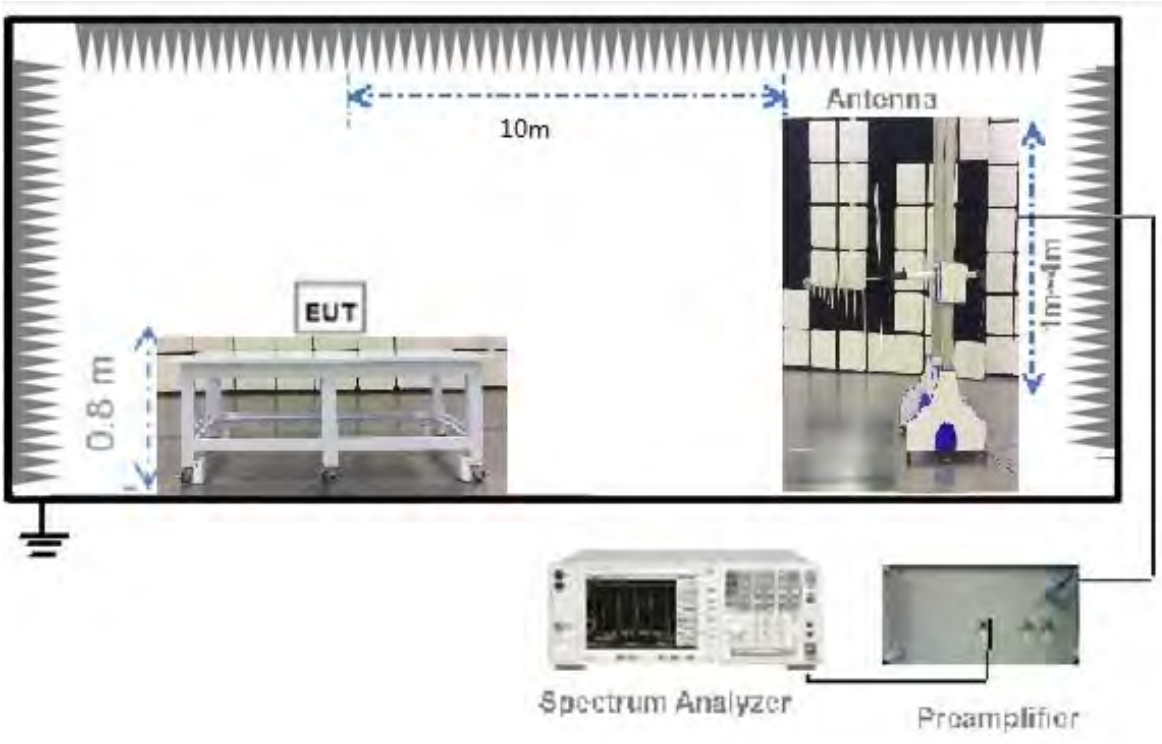
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



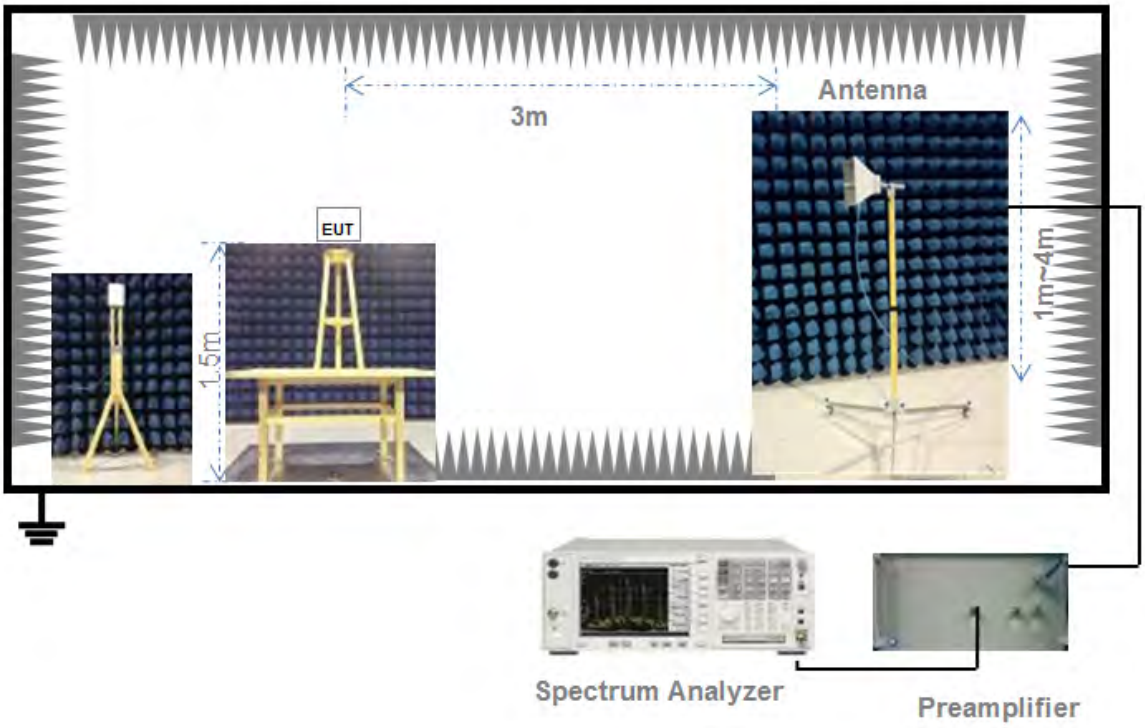
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	17 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

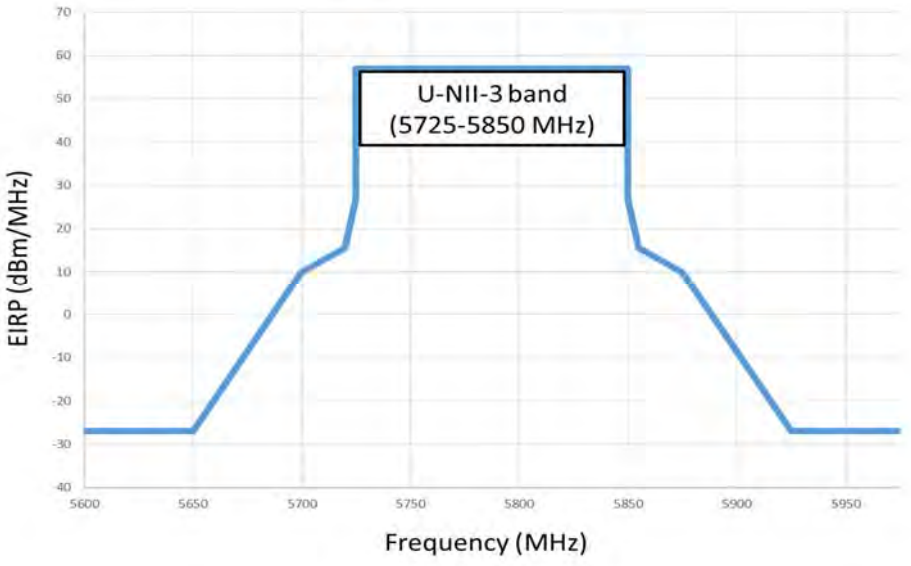
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

The section 4.4.3-4.4.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test

setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

f) Compare the resultant electric field strength level to the applicable limit.

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	18.31	67.76	1000	Pass
11a	CH44	19.96	99.08	1000	Pass
11a	CH48	19.72	93.76	1000	Pass
11n (HT20)	CH36	17.29	53.58	1000	Pass
11n (HT20)	CH44	19.93	98.40	1000	Pass
11n (HT20)	CH48	19.66	92.47	1000	Pass
11n (HT40)	CH38	15.68	36.98	1000	Pass
11n (HT40)	CH46	19.70	93.33	1000	Pass
11ac (VHT20)	CH36	17.62	57.81	1000	Pass
11ac (VHT20)	CH44	19.80	95.50	1000	Pass
11ac (VHT20)	CH48	19.62	91.62	1000	Pass
11ac (VHT40)	CH38	15.54	35.81	1000	Pass
11ac (VHT40)	CH46	19.69	93.11	1000	Pass
11ac (VHT80)	CH42	14.85	30.55	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.78	95.06	1000	Pass
11a	CH157	19.74	94.19	1000	Pass
11a	CH165	19.82	95.94	1000	Pass
11n (HT20)	CH149	19.72	93.76	1000	Pass
11n (HT20)	CH157	19.68	92.90	1000	Pass
11n (HT20)	CH165	19.80	95.50	1000	Pass
11n (HT40)	CH151	19.88	97.27	1000	Pass
11n (HT40)	CH159	19.90	97.72	1000	Pass
11ac (VHT20)	CH149	19.70	93.33	1000	Pass
11ac (VHT20)	CH157	19.66	92.47	1000	Pass
11ac (VHT20)	CH165	19.75	94.41	1000	Pass
11ac (VHT40)	CH151	19.88	97.27	1000	Pass
11ac (VHT40)	CH159	19.90	97.72	1000	Pass
11ac (VHT80)	CH155	19.87	97.05	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	18.78	75.51	1000	Pass
11a	CH44	19.80	95.50	1000	Pass
11a	CH48	19.91	97.95	1000	Pass
11n (HT20)	CH36	18.02	63.39	1000	Pass
11n (HT20)	CH44	19.75	94.41	1000	Pass
11n (HT20)	CH48	19.79	95.28	1000	Pass
11n (HT40)	CH38	15.03	31.84	1000	Pass
11n (HT40)	CH46	19.90	97.72	1000	Pass
11ac (VHT20)	CH36	17.96	62.52	1000	Pass
11ac (VHT20)	CH44	19.75	94.41	1000	Pass
11ac (VHT20)	CH48	19.79	95.28	1000	Pass
11ac (VHT40)	CH38	15.08	32.21	1000	Pass
11ac (VHT40)	CH46	19.90	97.72	1000	Pass
11ac (VHT80)	CH42	14.89	30.83	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.67	92.68	1000	Pass
11a	CH157	19.67	92.68	1000	Pass
11a	CH165	19.68	92.90	1000	Pass
11n (HT20)	CH149	19.67	92.68	1000	Pass
11n (HT20)	CH157	19.60	91.20	1000	Pass
11n (HT20)	CH165	19.59	90.99	1000	Pass
11n (HT40)	CH151	19.90	97.72	1000	Pass
11n (HT40)	CH159	19.77	94.84	1000	Pass
11ac (VHT20)	CH149	19.68	92.90	1000	Pass
11ac (VHT20)	CH157	19.60	91.20	1000	Pass
11ac (VHT20)	CH165	19.63	91.83	1000	Pass
11ac (VHT40)	CH151	19.89	97.50	1000	Pass
11ac (VHT40)	CH159	19.73	93.97	1000	Pass
11ac (VHT80)	CH155	19.86	96.83	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	17.60	57.54	1000	Pass
11n (HT20)	CH44	19.80	95.50	1000	Pass
11n (HT20)	CH48	19.59	90.99	1000	Pass
11n (HT40)	CH38	14.50	28.18	1000	Pass
11n (HT40)	CH46	19.76	94.62	1000	Pass
11ac (VHT20)	CH36	17.94	62.23	1000	Pass
11ac (VHT20)	CH44	19.74	94.19	1000	Pass
11ac (VHT20)	CH48	19.57	90.57	1000	Pass
11ac (VHT40)	CH38	14.41	27.61	1000	Pass
11ac (VHT40)	CH46	19.92	98.17	1000	Pass
11ac (VHT80)	CH42	13.90	24.55	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	19.79	95.28	1000	Pass
11n (HT20)	CH157	19.68	92.90	1000	Pass
11n (HT20)	CH165	19.60	91.20	1000	Pass
11n (HT40)	CH151	19.86	96.83	1000	Pass
11n (HT40)	CH159	19.69	93.11	1000	Pass
11ac (VHT20)	CH149	19.67	92.68	1000	Pass
11ac (VHT20)	CH157	19.60	91.20	1000	Pass
11ac (VHT20)	CH165	19.58	90.78	1000	Pass
11ac (VHT40)	CH151	19.87	97.05	1000	Pass
11ac (VHT40)	CH159	19.68	92.90	1000	Pass
11ac (VHT80)	CH155	19.85	96.61	1000	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	17.56	57.02	1000	Pass
11n (HT20)	CH44	19.75	94.41	1000	Pass
11n (HT20)	CH48	19.78	95.06	1000	Pass
11n (HT40)	CH38	14.95	31.26	1000	Pass
11n (HT40)	CH46	19.69	93.11	1000	Pass
11ac (VHT20)	CH36	17.96	62.52	1000	Pass
11ac (VHT20)	CH44	19.72	93.76	1000	Pass
11ac (VHT20)	CH48	19.77	94.84	1000	Pass
11ac (VHT40)	CH38	15.05	31.99	1000	Pass
11ac (VHT40)	CH46	19.69	93.11	1000	Pass
11ac (VHT80)	CH42	12.91	19.54	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	19.62	91.62	1000	Pass
11n (HT20)	CH157	19.80	95.50	1000	Pass
11n (HT20)	CH165	19.58	90.78	1000	Pass
11n (HT40)	CH151	19.69	93.11	1000	Pass
11n (HT40)	CH159	19.87	97.05	1000	Pass
11ac (VHT20)	CH149	19.59	90.99	1000	Pass
11ac (VHT20)	CH157	19.89	97.50	1000	Pass
11ac (VHT20)	CH165	19.78	95.06	1000	Pass
11ac (VHT40)	CH151	19.72	93.76	1000	Pass
11ac (VHT40)	CH159	19.89	97.50	1000	Pass
11ac (VHT80)	CH155	19.90	97.72	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	20.59	114.56	1000	Pass
11n (HT20)	CH44	22.79	189.91	1000	Pass
11n (HT20)	CH48	22.70	186.05	1000	Pass
11n (HT40)	CH38	17.74	59.44	1000	Pass
11n (HT40)	CH46	22.74	187.73	1000	Pass
11ac (VHT20)	CH36	20.96	124.75	1000	Pass
11ac (VHT20)	CH44	22.74	187.95	1000	Pass
11ac (VHT20)	CH48	22.68	185.42	1000	Pass
11ac (VHT40)	CH38	17.75	59.59	1000	Pass
11ac (VHT40)	CH46	22.82	191.29	1000	Pass
11ac (VHT80)	CH42	16.44	44.09	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	22.72	186.90	1000	Pass
11n (HT20)	CH157	22.75	188.40	1000	Pass
11n (HT20)	CH165	22.60	181.98	1000	Pass
11n (HT40)	CH151	22.79	189.94	1000	Pass
11n (HT40)	CH159	22.79	190.16	1000	Pass
11ac (VHT20)	CH149	22.64	183.67	1000	Pass
11ac (VHT20)	CH157	22.76	188.70	1000	Pass
11ac (VHT20)	CH165	22.69	185.84	1000	Pass
11ac (VHT40)	CH151	22.81	190.81	1000	Pass
11ac (VHT40)	CH159	22.80	190.40	1000	Pass
11ac (VHT80)	CH155	22.89	194.33	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ20C0477-602 Data Part 1.pdf”.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	24.68	17.02
11a	CH44	35.56	20.20
11a	CH48	33.76	19.39
11n (HT20)	CH36	24.40	17.95
11n (HT20)	CH44	36.56	21.13
11n (HT20)	CH48	36.16	20.09
11n (HT40)	CH38	45.30	36.70
11n (HT40)	CH46	82.00	40.64
11ac (VHT20)	CH36	24.40	17.95
11ac (VHT20)	CH44	36.68	21.36
11ac (HVT20)	CH48	35.24	20.43
11ac (VHT40)	CH38	45.60	36.82
11ac (VHT40)	CH46	79.50	40.41
11ac (VHT80)	CH42	90.00	77.11

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	35.16	20.26
11a	CH157	32.24	18.29
11a	CH165	32.88	18.99
11n (HT20)	CH149	36.44	21.36
11n (HT20)	CH157	33.88	19.39
11n (HT20)	CH165	34.36	19.97
11n (HT40)	CH151	84.37	42.84
11n (HT40)	CH159	75.62	39.36
11ac (VHT20)	CH149	36.88	21.19
11ac (VHT20)	CH157	33.12	19.33
11ac (VHT20)	CH165	35.24	20.03
11ac (VHT40)	CH151	85.75	42.84
11ac (VHT40)	CH159	77.37	39.13
11ac (VHT80)	CH155	169.00	86.14

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	26.28	17.19
11a	CH44	33.24	18.87
11a	CH48	34.64	19.57
11n (HT20)	CH36	26.48	18.12
11n (HT20)	CH44	35.20	19.91
11n (HT20)	CH48	35.52	20.38
11n (HT40)	CH38	46.40	36.93
11n (HT40)	CH46	81.37	40.17
11ac (VHT20)	CH36	26.48	18.12
11ac (VHT20)	CH44	34.92	19.86
11ac (HVT20)	CH48	35.28	20.43
11ac (VHT40)	CH38	45.80	36.93
11ac (VHT40)	CH46	73.62	40.41
11ac (VHT80)	CH42	90.40	77.11

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	36.48	21.53
11a	CH157	32.84	18.81
11a	CH165	34.64	19.57
11n (HT20)	CH149	37.80	22.87
11n (HT20)	CH157	34.68	19.74
11n (HT20)	CH165	35.08	20.49
11n (HT40)	CH151	84.50	44.80
11n (HT40)	CH159	79.62	40.17
11ac (VHT20)	CH149	38.20	22.69
11ac (VHT20)	CH157	34.00	19.62
11ac (VHT20)	CH165	36.20	20.49
11ac (VHT40)	CH151	86.37	44.80
11ac (VHT40)	CH159	80.12	40.06
11ac (VHT80)	CH155	179.75	90.07

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ20C0477-602 Data Part 2.pdf”.

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.42	500.00	Pass
11a	CH157	16.47	500.00	Pass
11a	CH165	16.42	500.00	Pass
11n (HT20)	CH149	17.67	500.00	Pass
11n (HT20)	CH157	17.67	500.00	Pass
11n (HT20)	CH165	17.67	500.00	Pass
11n (HT40)	CH151	36.42	500.00	Pass
11n (HT40)	CH159	36.12	500.00	Pass
11ac (VHT20)	CH149	17.67	500.00	Pass
11ac (VHT20)	CH157	17.67	500.00	Pass
11ac (VHT20)	CH165	17.72	500.00	Pass
11ac (VHT40)	CH151	36.47	500.00	Pass
11ac (VHT40)	CH159	36.02	500.00	Pass
11ac (VHT80)	CH155	75.82	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.47	500.00	Pass
11a	CH157	16.47	500.00	Pass
11a	CH165	16.42	500.00	Pass
11n (HT20)	CH149	17.67	500.00	Pass
11n (HT20)	CH157	17.67	500.00	Pass
11n (HT20)	CH165	17.67	500.00	Pass
11n (HT40)	CH151	36.37	500.00	Pass
11n (HT40)	CH159	36.42	500.00	Pass
11ac (VHT20)	CH149	17.67	500.00	Pass
11ac (VHT20)	CH157	17.67	500.00	Pass
11ac (VHT20)	CH165	17.67	500.00	Pass
11ac (VHT40)	CH151	36.37	500.00	Pass
11ac (VHT40)	CH159	36.42	500.00	Pass
11ac (VHT80)	CH155	75.82	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ20C0477-602 Data Part 3.pdf”.

Test Data

Note [1]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.69	17.00	Pass
11a	CH44	7.72	17.00	Pass
11a	CH48	7.06	17.00	Pass
11n (HT20)	CH36	4.02	17.00	Pass
11n (HT20)	CH44	7.38	17.00	Pass
11n (HT20)	CH48	7.22	17.00	Pass
11n (HT40)	CH38	-1.20	17.00	Pass
11n (HT40)	CH46	3.90	17.00	Pass
11ac (VHT20)	CH36	4.02	17.00	Pass
11ac (VHT20)	CH44	7.38	17.00	Pass
11ac (VHT20)	CH48	7.20	17.00	Pass
11ac (VHT40)	CH38	-0.92	17.00	Pass
11ac (VHT40)	CH46	3.89	17.00	Pass
11ac (VHT80)	CH42	-6.07	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.84	30.00	Pass
11a	CH157	4.67	30.00	Pass
11a	CH165	4.75	30.00	Pass
11n (HT20)	CH149	4.62	30.00	Pass
11n (HT20)	CH157	4.59	30.00	Pass
11n (HT20)	CH165	4.55	30.00	Pass
11n (HT40)	CH151	1.92	30.00	Pass
11n (HT40)	CH159	1.84	30.00	Pass
11ac (VHT20)	CH149	4.58	30.00	Pass
11ac (VHT20)	CH157	4.64	30.00	Pass
11ac (HVT20)	CH165	4.57	30.00	Pass
11ac (VHT40)	CH151	1.93	30.00	Pass
11ac (VHT40)	CH159	1.67	30.00	Pass
11ac (VHT80)	CH155	-2.22	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.32	17.00	Pass
11a	CH44	7.32	17.00	Pass
11a	CH48	7.49	17.00	Pass
11n (HT20)	CH36	5.03	17.00	Pass
11n (HT20)	CH44	7.29	17.00	Pass
11n (HT20)	CH48	7.51	17.00	Pass
11n (HT40)	CH38	-1.04	17.00	Pass
11n (HT40)	CH46	4.15	17.00	Pass
11ac (VHT20)	CH36	5.09	17.00	Pass
11ac (VHT20)	CH44	7.23	17.00	Pass
11ac (VHT20)	CH48	7.42	17.00	Pass
11ac (VHT40)	CH38	-0.73	17.00	Pass
11ac (VHT40)	CH46	4.54	17.00	Pass
11ac (VHT80)	CH42	-5.26	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.68	30.00	Pass
11a	CH157	4.69	30.00	Pass
11a	CH165	4.60	30.00	Pass
11n (HT20)	CH149	4.59	30.00	Pass
11n (HT20)	CH157	4.53	30.00	Pass
11n (HT20)	CH165	4.51	30.00	Pass
11n (HT40)	CH151	2.01	30.00	Pass
11n (HT40)	CH159	1.49	30.00	Pass
11ac (VHT20)	CH149	4.62	30.00	Pass
11ac (VHT20)	CH157	4.58	30.00	Pass
11ac (HVT20)	CH165	4.48	30.00	Pass
11ac (VHT40)	CH151	2.00	30.00	Pass
11ac (VHT40)	CH159	1.49	30.00	Pass
11ac (VHT80)	CH155	-1.74	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	7.76	17.00	Pass
11a	CH44	7.50	17.00	Pass
11a	CH48	7.29	17.00	Pass
11n (HT20)	CH36	3.81	17.00	Pass
11n (HT20)	CH44	7.41	17.00	Pass
11n (HT20)	CH48	7.04	17.00	Pass
11n (HT40)	CH38	-2.71	17.00	Pass
11n (HT40)	CH46	3.95	17.00	Pass
11ac (VHT20)	CH36	4.57	17.00	Pass
11ac (VHT20)	CH44	7.43	17.00	Pass
11ac (VHT20)	CH48	7.23	17.00	Pass
11ac (VHT40)	CH38	-1.89	17.00	Pass
11ac (VHT40)	CH46	3.84	17.00	Pass
11ac (VHT80)	CH42	-6.95	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	5.00	30.00	Pass
11a	CH157	4.57	30.00	Pass
11a	CH165	4.95	30.00	Pass
11n (HT20)	CH149	4.37	30.00	Pass
11n (HT20)	CH157	4.25	30.00	Pass
11n (HT20)	CH165	4.47	30.00	Pass
11n (HT40)	CH151	1.65	30.00	Pass
11n (HT40)	CH159	1.68	30.00	Pass
11ac (VHT20)	CH149	4.44	30.00	Pass
11ac (VHT20)	CH157	4.23	30.00	Pass
11ac (HVT20)	CH165	4.40	30.00	Pass
11ac (VHT40)	CH151	1.95	30.00	Pass
11ac (VHT40)	CH159	1.61	30.00	Pass
11ac (VHT80)	CH155	-1.63	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	8.16	17.00	Pass
11a	CH44	7.36	17.00	Pass
11a	CH48	7.40	17.00	Pass
11n (HT20)	CH36	4.11	17.00	Pass
11n (HT20)	CH44	7.29	17.00	Pass
11n (HT20)	CH48	7.59	17.00	Pass
11n (HT40)	CH38	-2.27	17.00	Pass
11n (HT40)	CH46	4.45	17.00	Pass
11ac (VHT20)	CH36	4.77	17.00	Pass
11ac (VHT20)	CH44	7.27	17.00	Pass
11ac (VHT20)	CH48	7.55	17.00	Pass
11ac (VHT40)	CH38	-1.53	17.00	Pass
11ac (VHT40)	CH46	4.24	17.00	Pass
11ac (VHT80)	CH42	-6.47	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	4.74	30.00	Pass
11a	CH157	4.47	30.00	Pass
11a	CH165	4.72	30.00	Pass
11n (HT20)	CH149	4.54	30.00	Pass
11n (HT20)	CH157	4.51	30.00	Pass
11n (HT20)	CH165	4.42	30.00	Pass
11n (HT40)	CH151	1.78	30.00	Pass
11n (HT40)	CH159	1.18	30.00	Pass
11ac (VHT20)	CH149	4.48	30.00	Pass
11ac (VHT20)	CH157	4.54	30.00	Pass
11ac (HVT20)	CH165	4.43	30.00	Pass
11ac (VHT40)	CH151	1.86	30.00	Pass
11ac (VHT40)	CH159	1.39	30.00	Pass
11ac (VHT80)	CH155	-2.32	30.00	Pass

MIMO

A.5 U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	10.97	17.00	Pass
11a	CH44	10.44	17.00	Pass
11a	CH48	10.36	17.00	Pass
11n (HT20)	CH36	6.97	17.00	Pass
11n (HT20)	CH44	10.36	17.00	Pass
11n (HT20)	CH48	10.33	17.00	Pass
11n (HT40)	CH38	0.53	17.00	Pass
11n (HT40)	CH46	7.22	17.00	Pass
11ac (VHT20)	CH36	7.68	17.00	Pass
11ac (VHT20)	CH44	10.36	17.00	Pass
11ac (VHT20)	CH48	10.40	17.00	Pass
11ac (VHT40)	CH38	1.30	17.00	Pass
11ac (VHT40)	CH46	7.05	17.00	Pass
11ac (VHT80)	CH42	-3.69	17.00	Pass

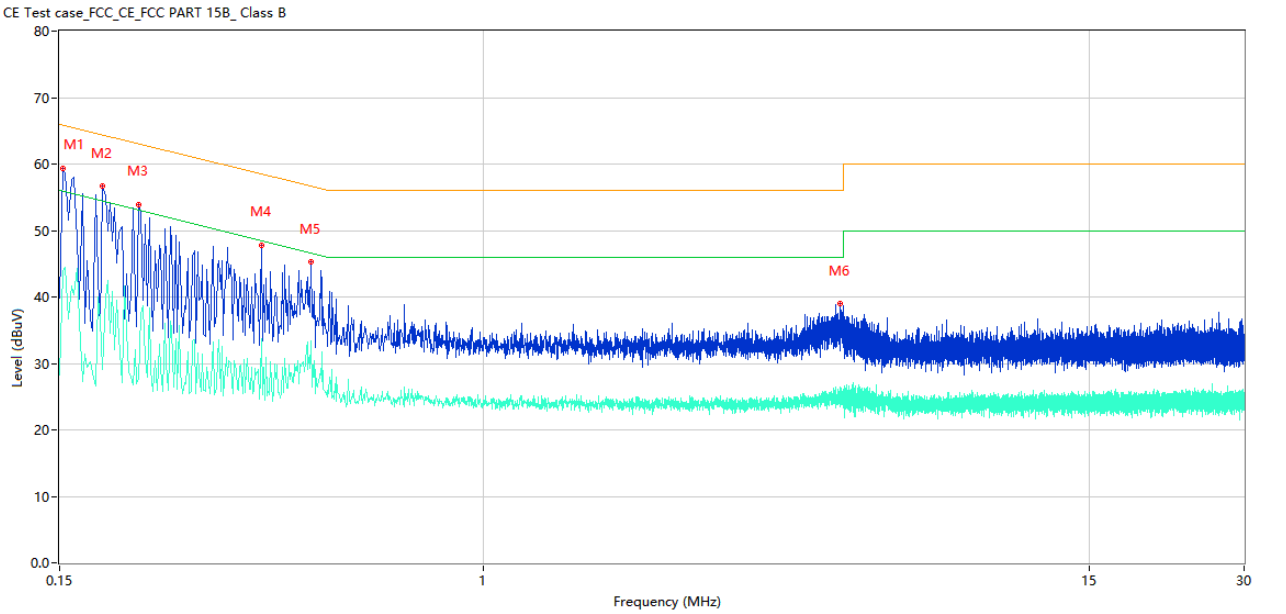
U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	7.88	30.00	Pass
11a	CH157	7.53	30.00	Pass
11a	CH165	7.85	30.00	Pass
11n (HT20)	CH149	7.47	30.00	Pass
11n (HT20)	CH157	7.39	30.00	Pass
11n (HT20)	CH165	7.46	30.00	Pass
11n (HT40)	CH151	4.73	30.00	Pass
11n (HT40)	CH159	4.45	30.00	Pass
11ac (VHT20)	CH149	7.47	30.00	Pass
11ac (VHT20)	CH157	7.40	30.00	Pass
11ac (HVT20)	CH165	7.43	30.00	Pass
11ac (VHT40)	CH151	4.92	30.00	Pass
11ac (VHT40)	CH159	4.51	30.00	Pass
11ac (VHT80)	CH155	1.05	30.00	Pass

A.5 Conducted Emissions

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

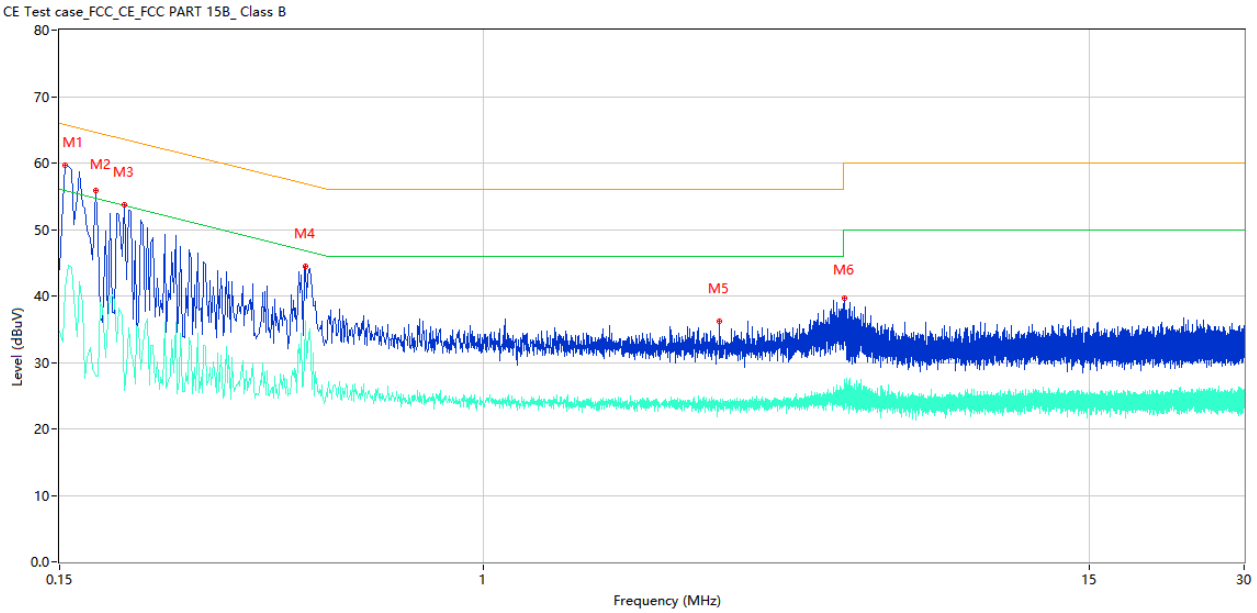
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	39.88	10.41	66.00	-26.12	Peak	L	Pass
1**	0.150	28.25	10.41	56.00	-27.75	AV	L	Pass
2	0.182	56.69	10.39	64.39	-7.70	Peak	L	Pass
2**	0.182	29.15	10.39	54.39	-25.24	AV	L	Pass
3	0.214	53.94	10.38	63.05	-9.11	Peak	L	Pass
3**	0.214	27.63	10.38	53.05	-25.42	AV	L	Pass
4	0.370	47.83	10.30	58.50	-10.67	Peak	L	Pass
4**	0.370	33.68	10.30	48.50	-14.82	AV	L	Pass
5	0.462	45.30	10.30	56.66	-11.36	Peak	L	Pass
5**	0.462	33.34	10.30	46.66	-13.32	AV	L	Pass
6	4.932	39.03	10.31	56.00	-16.97	Peak	L	Pass
6**	4.932	25.49	10.31	46.00	-20.51	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	44.00	10.41	66.00	-22.00	Peak	N	Pass
1**	0.150	34.67	10.41	56.00	-21.33	AV	N	Pass
2	0.176	55.85	10.39	64.67	-8.82	Peak	N	Pass
2**	0.176	27.99	10.39	54.67	-26.68	AV	N	Pass
3	0.200	53.69	10.38	63.61	-9.92	Peak	N	Pass
3**	0.200	25.86	10.38	53.61	-27.75	AV	N	Pass
4	0.450	44.40	10.30	56.88	-12.48	Peak	N	Pass
4**	0.450	36.20	10.30	46.88	-10.68	AV	N	Pass
5	2.870	36.18	10.28	56.00	-19.82	Peak	N	Pass
5**	2.870	23.52	10.28	46.00	-22.48	AV	N	Pass
6	5.018	39.73	10.31	60.00	-20.27	Peak	N	Pass
6**	5.018	23.30	10.31	50.00	-26.70	AV	N	Pass
1	0.150	44.00	10.41	66.00	-22.00	Peak	N	Pass

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

Test Data

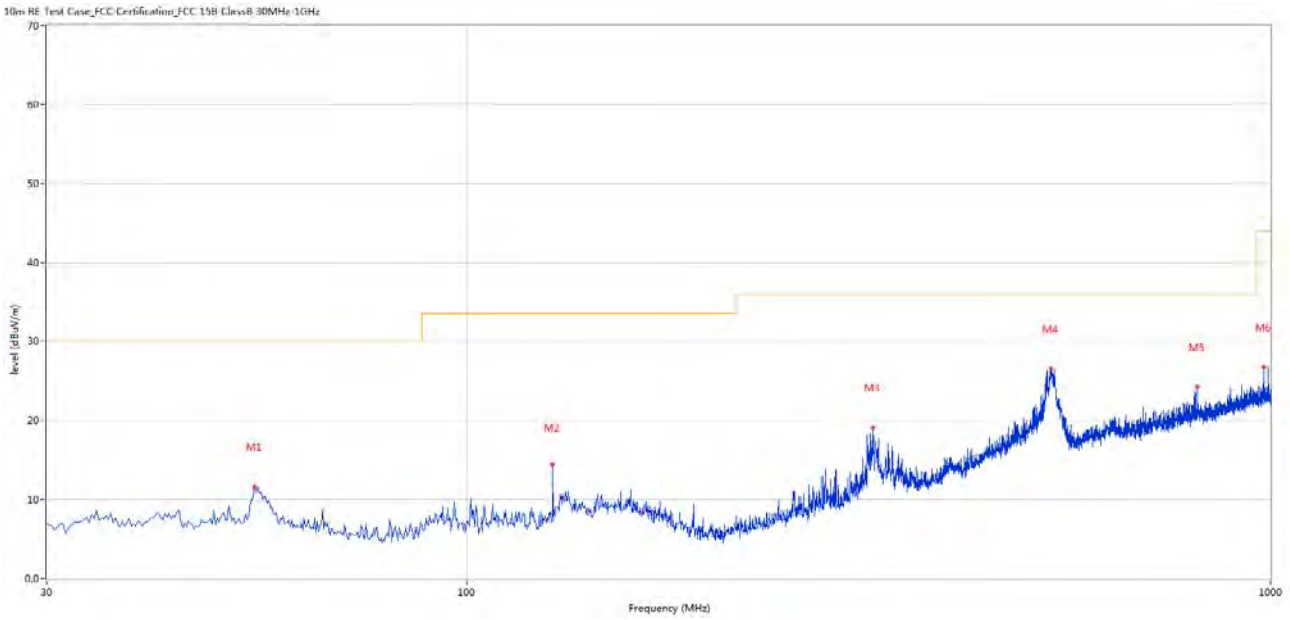
Note [1]: The symbol of "--" in the table which means not application.

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

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

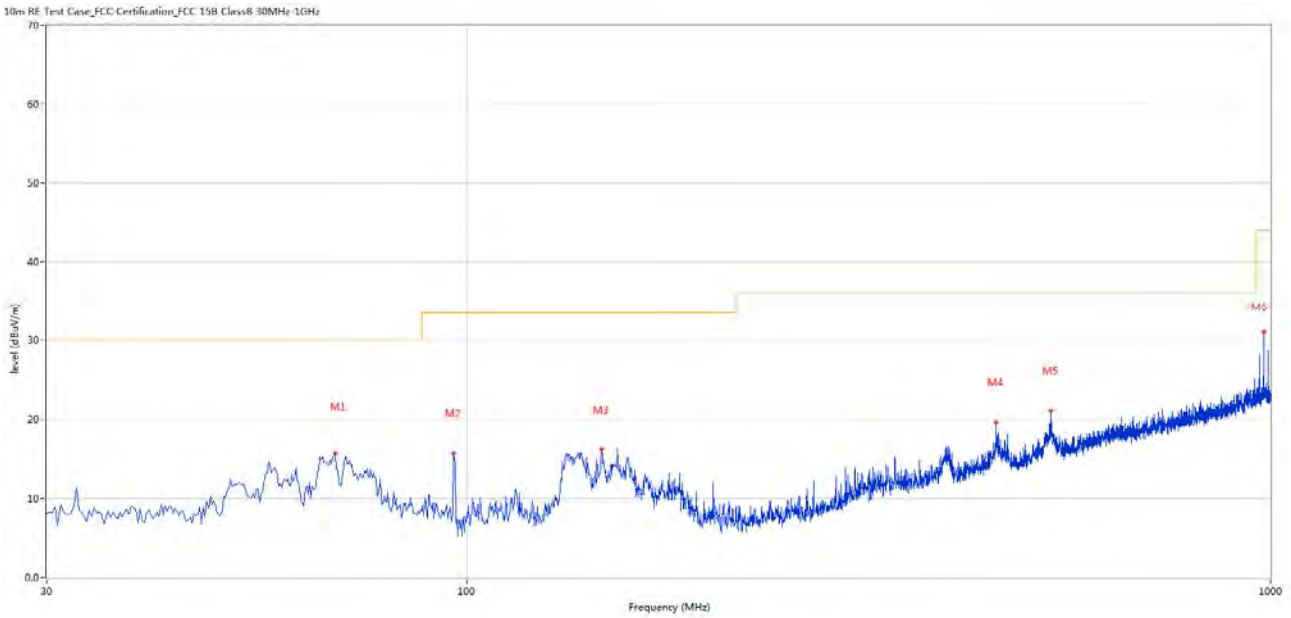
Note [4]: Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	54.486	11.62	-27.56	30.0	-18.38	Peak	0.00	400	Horizontal	Pass
2	127.946	14.45	-27.34	33.5	-19.05	Peak	351.00	100	Horizontal	Pass
3	320.200	19.06	-25.28	36.0	-16.94	Peak	120.00	200	Horizontal	Pass
4	532.334	26.49	-19.73	36.0	-9.51	Peak	221.00	200	Horizontal	Pass
5	810.655	24.16	-13.91	36.0	-11.84	Peak	245.00	100	Horizontal	Pass
6	981.090	26.69	-11.24	44.0	-17.31	Peak	230.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	68.548	15.71	-29.45	30.0	-14.29	Peak	105.00	100	Vertical	Pass
2	96.186	15.72	-30.42	33.5	-17.78	Peak	282.00	100	Vertical	Pass
3	147.098	16.17	-25.94	33.5	-17.33	Peak	235.00	200	Vertical	Pass
4	455.481	19.56	-21.42	36.0	-16.44	Peak	317.00	100	Vertical	Pass
5	532.577	21.10	-19.73	36.0	-14.90	Peak	166.00	100	Vertical	Pass
6	981.090	31.07	-11.24	44.0	-12.93	Peak	94.00	200	Vertical	Pass
1	68.548	15.71	-29.45	30.0	-14.29	Peak	105.00	100	Vertical	Pass
2	96.186	15.72	-30.42	33.5	-17.78	Peak	282.00	100	Vertical	Pass

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

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1698.500	41.83	-15.32	74.0	-32.17	Peak	47.00	150	Horizontal	Pass
1**	1698.500	28.85	-15.32	54.0	-25.15	AV	47.00	150	Horizontal	Pass
2	2798.000	41.83	-8.83	74.0	-32.17	Peak	339.00	150	Horizontal	Pass
2**	2798.000	31.59	-8.83	54.0	-22.41	AV	339.00	150	Horizontal	Pass
3	4152.000	46.74	-3.50	74.0	-27.26	Peak	79.00	150	Horizontal	Pass
3**	4152.000	35.90	-3.50	54.0	-18.10	AV	79.00	150	Horizontal	Pass
4	5183.000	105.73	-0.57	--	--	Peak	143.00	150	Horizontal	N/A
4**	5183.000	98.76	-0.57	--	--	AV	143.00	150	Horizontal	N/A
5	12224.737	50.30	20.44	74.0	-23.70	Peak	324.00	150	Horizontal	Pass
5**	12224.737	38.27	20.44	54.0	-15.73	AV	324.00	150	Horizontal	Pass
6	16084.537	54.92	24.08	74.0	-19.08	Peak	137.00	150	Horizontal	Pass
6**	16084.537	42.47	24.08	54.0	-11.53	AV	137.00	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	1692.600	47.77	-15.18	74.0	-26.23	Peak	155.00	150	Vertical	Pass
1**	1692.600	33.82	-15.18	54.0	-20.18	AV	155.00	150	Vertical	Pass
2	2767.700	41.72	-8.51	74.0	-32.28	Peak	168.00	150	Vertical	Pass
2**	2767.700	31.07	-8.51	54.0	-22.93	AV	168.00	150	Vertical	Pass
3	3812.400	47.91	-5.43	74.0	-26.09	Peak	185.00	150	Vertical	Pass
3**	3812.400	41.15	-5.43	54.0	-12.85	AV	185.00	150	Vertical	Pass
4	5176.000	102.60	-0.54	--	--	Peak	105.00	150	Vertical	N/A
4**	5176.000	96.80	-0.54	--	--	AV	105.00	150	Vertical	N/A
5	11607.187	49.98	20.17	74.0	-24.02	Peak	87.00	150	Vertical	Pass
5**	11607.187	38.72	20.17	54.0	-15.28	AV	87.00	150	Vertical	Pass
6	15361.613	54.91	22.54	74.0	-19.09	Peak	361.00	150	Vertical	Pass
6**	15361.613	42.74	22.54	54.0	-11.26	AV	361.00	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	1692.200	41.09	-15.18	74.0	-32.91	Peak	195.00	150	Horizontal	Pass
1**	1692.200	28.90	-15.18	54.0	-25.10	AV	195.00	150	Horizontal	Pass
2	2859.700	42.62	-7.99	74.0	-31.38	Peak	305.00	150	Horizontal	Pass
2**	2859.700	32.70	-7.99	54.0	-21.30	AV	305.00	150	Horizontal	Pass
3	4055.200	46.49	-3.85	74.0	-27.51	Peak	245.00	150	Horizontal	Pass
3**	4055.200	35.45	-3.85	54.0	-18.55	AV	245.00	150	Horizontal	Pass
4	5222.400	104.92	-0.39	--	--	Peak	232.00	150	Horizontal	N/A
4**	5222.400	98.28	-0.39	--	--	AV	232.00	150	Horizontal	N/A
5	11602.588	50.13	20.14	74.0	-23.87	Peak	75.00	150	Horizontal	Pass
5**	11602.588	39.12	20.14	54.0	-14.88	AV	75.00	150	Horizontal	Pass
6	15624.112	55.93	23.47	74.0	-18.07	Peak	260.00	150	Horizontal	Pass
6**	15624.112	42.46	23.47	54.0	-11.54	AV	260.00	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	1682.400	47.00	-15.24	74.0	-27.00	Peak	350.00	150	Vertical	Pass
1**	1682.400	30.48	-15.24	54.0	-23.52	AV	350.00	150	Vertical	Pass
2	2864.600	42.13	-8.05	74.0	-31.87	Peak	321.00	150	Vertical	Pass
2**	2864.600	33.10	-8.05	54.0	-20.90	AV	321.00	150	Vertical	Pass
3	4041.200	47.06	-3.95	74.0	-26.94	Peak	249.00	150	Vertical	Pass
3**	4041.200	35.48	-3.95	54.0	-18.52	AV	249.00	150	Vertical	Pass
4	5217.600	102.18	-0.27	--	--	Peak	94.00	150	Vertical	N/A
4**	5217.600	96.71	-0.27	--	--	AV	94.00	150	Vertical	N/A
5	11786.588	50.36	18.66	74.0	-23.64	Peak	59.00	150	Vertical	Pass
5**	11786.588	39.60	18.66	54.0	-14.40	AV	59.00	150	Vertical	Pass
6	15880.313	54.88	23.35	74.0	-19.12	Peak	153.00	150	Vertical	Pass
6**	15880.313	43.94	23.35	54.0	-10.06	AV	153.00	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	1680.800	43.36	-15.23	74.0	-30.64	Peak	320.00	150	Horizontal	Pass
1**	1680.800	27.67	-15.23	54.0	-26.33	AV	320.00	150	Horizontal	Pass
2	2728.600	42.34	-8.71	74.0	-31.66	Peak	83.00	150	Horizontal	Pass
2**	2728.600	32.18	-8.71	54.0	-21.82	AV	83.00	150	Horizontal	Pass
3	3957.000	46.76	-4.39	74.0	-27.24	Peak	199.00	150	Horizontal	Pass
3**	3957.000	36.77	-4.39	54.0	-17.23	AV	199.00	150	Horizontal	Pass
4	5238.200	104.51	-0.93	--	--	Peak	213.00	150	Horizontal	N/A
4**	5238.200	97.31	-0.93	--	--	AV	213.00	150	Horizontal	N/A
5	11620.987	50.99	20.24	74.0	-23.01	Peak	230.00	150	Horizontal	Pass
5**	11620.987	38.18	20.24	54.0	-15.82	AV	230.00	150	Horizontal	Pass
6	15631.462	55.09	23.51	74.0	-18.91	Peak	40.00	150	Horizontal	Pass
6**	15631.462	44.02	23.51	54.0	-9.98	AV	40.00	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	1680.200	45.95	-15.22	74.0	-28.05	Peak	308.00	150	Vertical	Pass
1**	1680.200	32.54	-15.22	54.0	-21.46	AV	308.00	150	Vertical	Pass
2	2753.300	42.37	-9.02	74.0	-31.63	Peak	208.00	150	Vertical	Pass
2**	2753.300	32.26	-9.02	54.0	-21.74	AV	208.00	150	Vertical	Pass
3	3749.800	48.60	-4.67	74.0	-25.40	Peak	255.00	150	Vertical	Pass
3**	3749.800	40.02	-4.67	54.0	-13.98	AV	255.00	150	Vertical	Pass
4	5236.800	101.28	-0.83	--	--	Peak	255.00	150	Vertical	N/A
4**	5236.800	94.50	-0.83	--	--	AV	255.00	150	Vertical	N/A
5	11548.250	50.22	19.69	74.0	-23.78	Peak	25.00	150	Vertical	Pass
5**	11548.250	37.94	19.69	54.0	-16.06	AV	25.00	150	Vertical	Pass
6	15545.625	54.73	23.65	74.0	-19.27	Peak	361.00	150	Vertical	Pass
6**	15545.625	43.59	23.65	54.0	-10.41	AV	361.00	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	1680.100	44.96	-15.22	74.0	-29.04	Peak	303.00	150	Horizontal	Pass
1**	1680.100	29.29	-15.22	54.0	-24.71	AV	303.00	150	Horizontal	Pass
2	2817.400	41.84	-8.28	74.0	-32.16	Peak	160.00	150	Horizontal	Pass
2**	2817.400	32.90	-8.28	54.0	-21.10	AV	160.00	150	Horizontal	Pass
3	4150.000	47.17	-3.46	74.0	-26.83	Peak	360.00	150	Horizontal	Pass
3**	4150.000	36.16	-3.46	54.0	-17.84	AV	360.00	150	Horizontal	Pass
4	5176.200	106.03	-0.53	--	--	Peak	159.00	150	Horizontal	N/A
4**	5176.200	98.91	-0.53	--	--	AV	159.00	150	Horizontal	N/A
5	12159.475	50.24	20.04	74.0	-23.76	Peak	304.00	150	Horizontal	Pass
5**	12159.475	39.99	20.04	54.0	-14.01	AV	304.00	150	Horizontal	Pass
6	15638.025	54.67	23.55	74.0	-19.33	Peak	64.00	150	Horizontal	Pass
6**	15638.025	43.38	23.55	54.0	-10.62	AV	64.00	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	1699.600	47.06	-15.29	74.0	-26.94	Peak	0.00	150	Vertical	Pass
1**	1699.600	30.35	-15.29	54.0	-23.65	AV	0.00	150	Vertical	Pass
2	2750.100	41.95	-9.03	74.0	-32.05	Peak	332.00	150	Vertical	Pass
2**	2750.100	33.08	-9.03	54.0	-20.92	AV	332.00	150	Vertical	Pass
3	3749.800	47.79	-4.67	74.0	-26.21	Peak	205.00	150	Vertical	Pass
3**	3749.800	40.16	-4.67	54.0	-13.84	AV	205.00	150	Vertical	Pass
4	5173.600	103.17	-0.60	--	--	Peak	115.00	150	Vertical	N/A
4**	5173.600	95.92	-0.60	--	--	AV	115.00	150	Vertical	N/A
5	11653.763	50.41	20.35	74.0	-23.59	Peak	103.00	150	Vertical	Pass
5**	11653.763	37.66	20.35	54.0	-16.34	AV	103.00	150	Vertical	Pass
6	15948.826	54.94	23.94	74.0	-19.06	Peak	304.00	150	Vertical	Pass
6**	15948.826	43.02	23.94	54.0	-10.98	AV	304.00	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	1678.900	44.10	-15.22	74.0	-29.90	Peak	48.00	150	Horizontal	Pass
1**	1678.900	28.63	-15.22	54.0	-25.37	AV	48.00	150	Horizontal	Pass
2	2770.100	41.73	-8.51	74.0	-32.27	Peak	33.00	150	Horizontal	Pass
2**	2770.100	33.01	-8.51	54.0	-20.99	AV	33.00	150	Horizontal	Pass
3	4255.800	47.41	-3.11	74.0	-26.59	Peak	180.00	150	Horizontal	Pass
3**	4255.800	35.27	-3.11	54.0	-18.73	AV	180.00	150	Horizontal	Pass
4	5221.800	104.66	-0.38	--	--	Peak	134.00	150	Horizontal	N/A
4**	5221.800	98.15	-0.38	--	--	AV	134.00	150	Horizontal	N/A
5	11680.787	49.69	20.06	74.0	-24.31	Peak	189.00	150	Horizontal	Pass
5**	11680.787	38.72	20.06	54.0	-15.28	AV	189.00	150	Horizontal	Pass
6	15713.100	54.76	23.50	74.0	-19.24	Peak	291.00	150	Horizontal	Pass
6**	15713.100	43.22	23.50	54.0	-10.78	AV	291.00	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	1683.300	46.93	-15.25	74.0	-27.07	Peak	145.00	150	Vertical	Pass
1**	1683.300	30.47	-15.25	54.0	-23.53	AV	145.00	150	Vertical	Pass
2	2852.700	41.81	-8.16	74.0	-32.19	Peak	249.00	150	Vertical	Pass
2**	2852.700	33.33	-8.16	54.0	-20.67	AV	249.00	150	Vertical	Pass
3	4031.600	47.64	-3.93	74.0	-26.36	Peak	224.00	150	Vertical	Pass
3**	4031.600	37.03	-3.93	54.0	-16.97	AV	224.00	150	Vertical	Pass
4	5216.200	103.15	-0.29	--	--	Peak	103.00	150	Vertical	N/A
4**	5216.200	96.12	-0.29	--	--	AV	103.00	150	Vertical	N/A
5	11608.050	50.03	20.17	74.0	-23.97	Peak	146.00	150	Vertical	Pass
5**	11608.050	38.84	20.17	54.0	-15.16	AV	146.00	150	Vertical	Pass
6	15633.825	54.88	23.53	74.0	-19.12	Peak	115.00	150	Vertical	Pass
6**	15633.825	43.87	23.53	54.0	-10.13	AV	115.00	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	1679.100	42.67	-15.21	74.0	-31.33	Peak	57.00	150	Horizontal	Pass
1**	1679.100	28.58	-15.21	54.0	-25.42	AV	57.00	150	Horizontal	Pass
2	2700.100	42.23	-8.83	74.0	-31.77	Peak	332.00	150	Horizontal	Pass
2**	2700.100	32.96	-8.83	54.0	-21.04	AV	332.00	150	Horizontal	Pass
3	4021.200	47.41	-4.04	74.0	-26.59	Peak	308.00	150	Horizontal	Pass
3**	4021.200	34.95	-4.04	54.0	-19.05	AV	308.00	150	Horizontal	Pass
4	5242.600	104.09	-0.90	--	--	Peak	214.00	150	Horizontal	N/A
4**	5242.600	98.01	-0.90	--	--	AV	214.00	150	Horizontal	N/A
5	12183.338	50.00	20.29	74.0	-24.00	Peak	360.00	150	Horizontal	Pass
5**	12183.338	39.18	20.29	54.0	-14.82	AV	360.00	150	Horizontal	Pass
6	15457.424	55.10	23.50	74.0	-18.90	Peak	265.00	150	Horizontal	Pass
6**	15457.424	43.19	23.50	54.0	-10.81	AV	265.00	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	1685.100	48.60	-15.29	74.0	-25.40	Peak	360.00	150	Vertical	Pass
1**	1685.100	32.83	-15.29	54.0	-21.17	AV	360.00	150	Vertical	Pass
2	2817.700	41.88	-8.27	74.0	-32.12	Peak	84.00	150	Vertical	Pass
2**	2817.700	32.17	-8.27	54.0	-21.83	AV	84.00	150	Vertical	Pass
3	3749.800	48.41	-4.67	74.0	-25.59	Peak	216.00	150	Vertical	Pass
3**	3749.800	39.69	-4.67	54.0	-14.31	AV	216.00	150	Vertical	Pass
4	5236.400	101.85	-0.80	--	--	Peak	310.00	150	Vertical	N/A
4**	5236.400	95.59	-0.80	--	--	AV	310.00	150	Vertical	N/A
5	11700.050	50.16	19.82	74.0	-23.84	Peak	7.00	150	Vertical	Pass
5**	11700.050	38.69	19.82	54.0	-15.31	AV	7.00	150	Vertical	Pass
6	15663.487	55.07	23.48	74.0	-18.93	Peak	361.00	150	Vertical	Pass
6**	15663.487	43.37	23.48	54.0	-10.63	AV	361.00	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	1679.900	43.91	-15.22	74.0	-30.09	Peak	193.00	150	Horizontal	Pass
1**	1679.900	28.84	-15.22	54.0	-25.16	AV	193.00	150	Horizontal	Pass
2	2716.900	41.91	-8.72	74.0	-32.09	Peak	317.00	150	Horizontal	Pass
2**	2716.900	32.77	-8.72	54.0	-21.23	AV	317.00	150	Horizontal	Pass
3	4183.000	47.51	-3.92	74.0	-26.49	Peak	109.00	150	Horizontal	Pass
3**	4183.000	35.94	-3.92	54.0	-18.06	AV	109.00	150	Horizontal	Pass
4	5178.800	101.66	-0.66	--	--	Peak	157.00	150	Horizontal	N/A
4**	5178.800	95.12	-0.66	--	--	AV	157.00	150	Horizontal	N/A
5	11924.875	49.98	18.14	74.0	-24.02	Peak	197.00	150	Horizontal	Pass
5**	11924.875	37.19	18.14	54.0	-16.81	AV	197.00	150	Horizontal	Pass
6	15986.888	55.42	24.01	74.0	-18.58	Peak	274.00	150	Horizontal	Pass
6**	15986.888	43.51	24.01	54.0	-10.49	AV	274.00	150	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1686.400	47.81	-15.27	74.0	-26.19	Peak	349.00	150	Vertical	Pass
1**	1686.400	33.54	-15.27	54.0	-20.46	AV	349.00	150	Vertical	Pass
2	2837.100	42.01	-8.47	74.0	-31.99	Peak	19.00	150	Vertical	Pass
2**	2837.100	32.51	-8.47	54.0	-21.49	AV	19.00	150	Vertical	Pass
3	3749.800	47.16	-4.67	74.0	-26.84	Peak	188.00	150	Vertical	Pass
3**	3749.800	39.05	-4.67	54.0	-14.95	AV	188.00	150	Vertical	Pass
4	5175.200	99.41	-0.56	--	--	Peak	108.00	150	Vertical	N/A
4**	5175.200	92.62	-0.56	--	--	AV	108.00	150	Vertical	N/A
5	12147.401	50.32	19.90	74.0	-23.68	Peak	55.00	150	Vertical	Pass
5**	12147.401	37.95	19.90	54.0	-16.05	AV	55.00	150	Vertical	Pass
6	15640.651	55.37	23.56	74.0	-18.63	Peak	199.00	150	Vertical	Pass
6**	15640.651	43.85	23.56	54.0	-10.15	AV	199.00	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	1699.300	43.31	-15.30	74.0	-30.69	Peak	58.00	150	Horizontal	Pass
1**	1699.300	32.06	-15.30	54.0	-21.94	AV	58.00	150	Horizontal	Pass
2	2767.200	42.07	-8.50	74.0	-31.93	Peak	121.00	150	Horizontal	Pass
2**	2767.200	33.51	-8.50	54.0	-20.49	AV	121.00	150	Horizontal	Pass
3	4263.000	47.03	-3.25	74.0	-26.97	Peak	360.00	150	Horizontal	Pass
3**	4263.000	37.04	-3.25	54.0	-16.96	AV	360.00	150	Horizontal	Pass
4	5228.600	101.16	-0.49	--	--	Peak	160.00	150	Horizontal	N/A
4**	5228.600	95.03	-0.49	--	--	AV	160.00	150	Horizontal	N/A
5	11683.662	50.06	20.02	74.0	-23.94	Peak	164.00	150	Horizontal	Pass
5**	11683.662	37.79	20.02	54.0	-16.21	AV	164.00	150	Horizontal	Pass
6	15938.326	55.99	23.88	74.0	-18.01	Peak	115.00	150	Horizontal	Pass
6**	15938.326	43.77	23.88	54.0	-10.23	AV	115.00	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	1685.700	46.73	-15.29	74.0	-27.27	Peak	150.00	150	Vertical	Pass
1**	1685.700	36.44	-15.29	54.0	-17.56	AV	150.00	150	Vertical	Pass
2	2833.600	42.03	-8.47	74.0	-31.97	Peak	332.00	150	Vertical	Pass
2**	2833.600	31.97	-8.47	54.0	-22.03	AV	332.00	150	Vertical	Pass
3	3750.200	47.68	-4.65	74.0	-26.32	Peak	202.00	150	Vertical	Pass
3**	3750.200	43.27	-4.65	54.0	-10.73	AV	202.00	150	Vertical	Pass
4	5233.800	98.10	-0.72	--	--	Peak	301.00	150	Vertical	N/A
4**	5233.800	91.51	-0.72	--	--	AV	301.00	150	Vertical	N/A
5	12367.912	50.04	19.54	74.0	-23.96	Peak	211.00	150	Vertical	Pass
5**	12367.912	38.81	19.54	54.0	-15.19	AV	211.00	150	Vertical	Pass
6	15613.875	55.12	23.48	74.0	-18.88	Peak	230.00	150	Vertical	Pass
6**	15613.875	43.61	23.48	54.0	-10.39	AV	230.00	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	1679.800	44.61	-15.22	74.0	-29.39	Peak	281.00	150	Horizontal	Pass
1**	1679.800	28.77	-15.22	54.0	-25.23	AV	281.00	150	Horizontal	Pass
2	2890.800	42.23	-8.08	74.0	-31.77	Peak	81.00	150	Horizontal	Pass
2**	2890.800	33.28	-8.08	54.0	-20.72	AV	81.00	150	Horizontal	Pass
3	4334.400	47.64	-2.95	74.0	-26.36	Peak	255.00	150	Horizontal	Pass
3**	4334.400	35.72	-2.95	54.0	-18.28	AV	255.00	150	Horizontal	Pass
4	5181.600	105.72	-0.58	--	--	Peak	149.00	150	Horizontal	N/A
4**	5181.600	98.79	-0.58	--	--	AV	149.00	150	Horizontal	N/A
5	11688.838	50.28	19.96	74.0	-23.72	Peak	295.00	150	Horizontal	Pass
5**	11688.838	38.46	19.96	54.0	-15.54	AV	295.00	150	Horizontal	Pass
6	15638.025	55.75	23.55	74.0	-18.25	Peak	360.00	150	Horizontal	Pass
6**	15638.025	43.20	23.55	54.0	-10.80	AV	360.00	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	1680.000	48.20	-15.22	74.0	-25.80	Peak	263.00	150	Vertical	Pass
1**	1680.000	34.65	-15.22	54.0	-19.35	AV	263.00	150	Vertical	Pass
2	2835.100	41.83	-8.47	74.0	-32.17	Peak	0.00	150	Vertical	Pass
2**	2835.100	32.17	-8.47	54.0	-21.83	AV	0.00	150	Vertical	Pass
3	4306.800	48.17	-3.44	74.0	-25.83	Peak	360.00	150	Vertical	Pass
3**	4306.800	35.92	-3.44	54.0	-18.08	AV	360.00	150	Vertical	Pass
4	5175.600	102.52	-0.55	--	--	Peak	113.00	150	Vertical	N/A
4**	5175.600	95.83	-0.55	--	--	AV	113.00	150	Vertical	N/A
5	12443.525	50.90	18.72	74.0	-23.10	Peak	0.00	150	Vertical	Pass
5**	12443.525	37.58	18.72	54.0	-16.42	AV	0.00	150	Vertical	Pass
6	15962.213	54.96	23.99	74.0	-19.04	Peak	18.00	150	Vertical	Pass
6**	15962.213	43.48	23.99	54.0	-10.52	AV	18.00	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	1686.000	43.48	-15.28	74.0	-30.52	Peak	48.00	150	Horizontal	Pass
1**	1686.000	34.65	-15.28	54.0	-19.35	AV	48.00	150	Horizontal	Pass
2	2759.800	42.13	-8.87	74.0	-31.87	Peak	0.00	150	Horizontal	Pass
2**	2759.800	32.63	-8.87	54.0	-21.37	AV	0.00	150	Horizontal	Pass
3	4278.600	47.92	-3.48	74.0	-26.08	Peak	0.00	150	Horizontal	Pass
3**	4278.600	37.07	-3.48	54.0	-16.93	AV	0.00	150	Horizontal	Pass
4	5216.200	104.55	-0.29	--	--	Peak	133.00	150	Horizontal	N/A
4**	5216.200	98.41	-0.29	--	--	AV	133.00	150	Horizontal	N/A
5	12399.825	50.64	19.20	74.0	-23.36	Peak	348.00	150	Horizontal	Pass
5**	12399.825	38.56	19.20	54.0	-15.44	AV	348.00	150	Horizontal	Pass
6	15917.325	55.72	23.59	74.0	-18.28	Peak	209.00	150	Horizontal	Pass
6**	15917.325	43.77	23.59	54.0	-10.23	AV	209.00	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	1661.400	47.44	-15.30	74.0	-26.56	Peak	330.00	150	Vertical	Pass
1**	1661.400	29.00	-15.30	54.0	-25.00	AV	330.00	150	Vertical	Pass
2	2869.900	42.26	-8.20	74.0	-31.74	Peak	109.00	150	Vertical	Pass
2**	2869.900	32.83	-8.20	54.0	-21.17	AV	109.00	150	Vertical	Pass
3	3750.000	48.22	-4.66	74.0	-25.78	Peak	239.00	150	Vertical	Pass
3**	3750.000	42.85	-4.66	54.0	-11.15	AV	239.00	150	Vertical	Pass
4	5219.200	102.16	-0.21	--	--	Peak	100.00	150	Vertical	N/A
4**	5219.200	96.05	-0.21	--	--	AV	100.00	150	Vertical	N/A
5	11558.025	50.56	19.76	74.0	-23.44	Peak	63.00	150	Vertical	Pass
5**	11558.025	38.66	19.76	54.0	-15.34	AV	63.00	150	Vertical	Pass
6	15625.425	54.76	23.48	74.0	-19.24	Peak	182.00	150	Vertical	Pass
6**	15625.425	44.08	23.48	54.0	-9.92	AV	182.00	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	1693.400	44.03	-15.19	74.0	-29.97	Peak	51.00	150	Horizontal	Pass
1**	1693.400	29.06	-15.19	54.0	-24.94	AV	51.00	150	Horizontal	Pass
2	2784.900	41.28	-8.71	74.0	-32.72	Peak	260.00	150	Horizontal	Pass
2**	2784.900	31.85	-8.71	54.0	-22.15	AV	260.00	150	Horizontal	Pass
3	4099.800	47.66	-4.30	74.0	-26.34	Peak	208.00	150	Horizontal	Pass
3**	4099.800	34.59	-4.30	54.0	-19.41	AV	208.00	150	Horizontal	Pass
4	5241.600	103.90	-0.93	--	--	Peak	154.00	150	Horizontal	N/A
4**	5241.600	97.37	-0.93	--	--	AV	154.00	150	Horizontal	N/A
5	11773.938	50.43	18.75	74.0	-23.57	Peak	310.00	150	Horizontal	Pass
5**	11773.938	37.61	18.75	54.0	-16.39	AV	310.00	150	Horizontal	Pass
6	16064.326	54.90	24.12	74.0	-19.10	Peak	78.00	150	Horizontal	Pass
6**	16064.326	42.24	24.12	54.0	-11.76	AV	78.00	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	1687.400	48.91	-15.24	74.0	-25.09	Peak	0.00	150	Vertical	Pass
1**	1687.400	33.97	-15.24	54.0	-20.03	AV	0.00	150	Vertical	Pass
2	2868.900	43.32	-8.19	74.0	-30.68	Peak	73.00	150	Vertical	Pass
2**	2868.900	33.12	-8.19	54.0	-20.88	AV	73.00	150	Vertical	Pass
3	3926.000	46.42	-4.62	74.0	-27.58	Peak	0.00	150	Vertical	Pass
3**	3926.000	34.45	-4.62	54.0	-19.55	AV	0.00	150	Vertical	Pass
4	5235.800	101.01	-0.77	--	--	Peak	313.00	150	Vertical	N/A
4**	5235.800	95.05	-0.77	--	--	AV	313.00	150	Vertical	N/A
5	11561.187	50.18	19.78	74.0	-23.82	Peak	348.00	150	Vertical	Pass
5**	11561.187	38.69	19.78	54.0	-15.31	AV	348.00	150	Vertical	Pass
6	15617.287	54.73	23.46	74.0	-19.27	Peak	19.00	150	Vertical	Pass
6**	15617.287	42.97	23.46	54.0	-11.03	AV	19.00	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	1688.700	41.42	-15.25	74.0	-32.58	Peak	189.00	150	Horizontal	Pass
1**	1688.700	27.53	-15.25	54.0	-26.47	AV	189.00	150	Horizontal	Pass
2	2866.200	41.85	-8.06	74.0	-32.15	Peak	85.00	150	Horizontal	Pass
2**	2866.200	33.62	-8.06	54.0	-20.38	AV	85.00	150	Horizontal	Pass
3	4257.800	48.06	-3.30	74.0	-25.94	Peak	49.00	150	Horizontal	Pass
3**	4257.800	35.05	-3.30	54.0	-18.95	AV	49.00	150	Horizontal	Pass
4	5182.200	101.09	-0.57	--	--	Peak	157.00	150	Horizontal	N/A
4**	5182.200	94.96	-0.57	--	--	AV	157.00	150	Horizontal	N/A
5	12277.925	51.88	20.25	74.0	-22.12	Peak	51.00	150	Horizontal	Pass
5**	12277.925	38.83	20.25	54.0	-15.17	AV	51.00	150	Horizontal	Pass
6	15678.451	54.78	23.58	74.0	-19.22	Peak	282.00	150	Horizontal	Pass
6**	15678.451	42.81	23.58	54.0	-11.19	AV	282.00	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	1684.100	46.17	-15.27	74.0	-27.83	Peak	347.00	150	Vertical	Pass
1**	1684.100	32.24	-15.27	54.0	-21.76	AV	347.00	150	Vertical	Pass
2	2869.200	43.29	-8.20	74.0	-30.71	Peak	46.00	150	Vertical	Pass
2**	2869.200	32.91	-8.20	54.0	-21.09	AV	46.00	150	Vertical	Pass
3	3750.000	47.52	-4.66	74.0	-26.48	Peak	194.00	150	Vertical	Pass
3**	3750.000	42.04	-4.66	54.0	-11.96	AV	194.00	150	Vertical	Pass
4	5177.000	99.59	-0.55	--	--	Peak	104.00	150	Vertical	N/A
4**	5177.000	92.77	-0.55	--	--	AV	104.00	150	Vertical	N/A
5	12162.350	49.94	20.07	74.0	-24.06	Peak	217.00	150	Vertical	Pass
5**	12162.350	38.23	20.07	54.0	-15.77	AV	217.00	150	Vertical	Pass
6	15915.225	55.35	23.56	74.0	-18.65	Peak	21.00	150	Vertical	Pass
6**	15915.225	43.28	23.56	54.0	-10.72	AV	21.00	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	1689.400	42.74	-15.26	74.0	-31.26	Peak	56.00	150	Horizontal	Pass
1**	1689.400	32.26	-15.26	54.0	-21.74	AV	56.00	150	Horizontal	Pass
2	2751.100	41.80	-8.98	74.0	-32.20	Peak	56.00	150	Horizontal	Pass
2**	2751.100	32.62	-8.98	54.0	-21.38	AV	56.00	150	Horizontal	Pass
3	4134.000	46.98	-4.15	74.0	-27.02	Peak	240.00	150	Horizontal	Pass
3**	4134.000	35.31	-4.15	54.0	-18.69	AV	240.00	150	Horizontal	Pass
4	5232.800	100.86	-0.61	--	--	Peak	153.00	150	Horizontal	N/A
4**	5232.800	93.88	-0.61	--	--	AV	153.00	150	Horizontal	N/A
5	12208.925	50.10	20.44	74.0	-23.90	Peak	329.00	150	Horizontal	Pass
5**	12208.925	38.34	20.44	54.0	-15.66	AV	329.00	150	Horizontal	Pass
6	15988.987	54.71	24.01	74.0	-19.29	Peak	363.00	150	Horizontal	Pass
6**	15988.987	42.74	24.01	54.0	-11.26	AV	363.00	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	1682.000	48.41	-15.24	74.0	-25.59	Peak	346.00	150	Vertical	Pass
1**	1682.000	31.12	-15.24	54.0	-22.88	AV	346.00	150	Vertical	Pass
2	2817.500	41.44	-8.28	74.0	-32.56	Peak	346.00	150	Vertical	Pass
2**	2817.500	32.00	-8.28	54.0	-22.00	AV	346.00	150	Vertical	Pass
3	3749.800	48.05	-4.67	74.0	-25.95	Peak	224.00	150	Vertical	Pass
3**	3749.800	38.93	-4.67	54.0	-15.07	AV	224.00	150	Vertical	Pass
4	5218.800	97.26	-0.21	--	--	Peak	106.00	150	Vertical	N/A
4**	5218.800	90.25	-0.21	--	--	AV	106.00	150	Vertical	N/A
5	11649.450	50.12	20.39	74.0	-23.88	Peak	346.00	150	Vertical	Pass
5**	11649.450	38.25	20.39	54.0	-15.75	AV	346.00	150	Vertical	Pass
6	15379.200	54.61	22.74	74.0	-19.39	Peak	51.00	150	Vertical	Pass
6**	15379.200	42.57	22.74	54.0	-11.43	AV	51.00	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	1691.200	43.95	-15.19	74.0	-30.05	Peak	53.00	150	Horizontal	Pass
1**	1691.200	28.05	-15.19	54.0	-25.95	AV	53.00	150	Horizontal	Pass
2	2877.800	42.15	-8.32	74.0	-31.85	Peak	308.00	150	Horizontal	Pass
2**	2877.800	32.90	-8.32	54.0	-21.10	AV	308.00	150	Horizontal	Pass
3	4237.800	46.53	-3.33	74.0	-27.47	Peak	360.00	150	Horizontal	Pass
3**	4237.800	35.48	-3.33	54.0	-18.52	AV	360.00	150	Horizontal	Pass
4	5180.200	99.23	-0.60	--	--	Peak	144.00	150	Horizontal	N/A
4**	5180.200	91.43	-0.60	--	--	AV	144.00	150	Horizontal	N/A
5	12349.513	50.56	19.71	74.0	-23.44	Peak	97.00	150	Horizontal	Pass
5**	12349.513	39.13	19.71	54.0	-14.87	AV	97.00	150	Horizontal	Pass
6	15538.537	54.86	23.71	74.0	-19.14	Peak	363.00	150	Horizontal	Pass
6**	15538.537	45.57	23.71	54.0	-8.43	AV	363.00	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	1682.100	48.62	-15.24	74.0	-25.38	Peak	137.00	150	Vertical	Pass
1**	1682.100	30.23	-15.24	54.0	-23.77	AV	137.00	150	Vertical	Pass
2	2870.300	42.48	-8.19	74.0	-31.52	Peak	304.00	150	Vertical	Pass
2**	2870.300	33.10	-8.19	54.0	-20.90	AV	304.00	150	Vertical	Pass
3	3750.200	47.61	-4.65	74.0	-26.39	Peak	223.00	150	Vertical	Pass
3**	3750.200	43.07	-4.65	54.0	-10.93	AV	223.00	150	Vertical	Pass
4	5175.200	96.59	-0.56	--	--	Peak	110.00	150	Vertical	N/A
4**	5175.200	90.40	-0.56	--	--	AV	110.00	150	Vertical	N/A
5	11566.075	50.53	19.81	74.0	-23.47	Peak	209.00	150	Vertical	Pass
5**	11566.075	37.21	19.81	54.0	-16.79	AV	209.00	150	Vertical	Pass
6	15505.200	54.67	23.92	74.0	-19.33	Peak	0.00	150	Vertical	Pass
6**	15505.200	43.72	23.92	54.0	-10.28	AV	0.00	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	1687.200	43.99	-15.25	74.0	-30.01	Peak	326.00	150	Horizontal	Pass
1**	1687.200	28.01	-15.25	54.0	-25.99	AV	326.00	150	Horizontal	Pass
2	2844.900	41.91	-8.46	74.0	-32.09	Peak	107.00	150	Horizontal	Pass
2**	2844.900	32.32	-8.46	54.0	-21.68	AV	107.00	150	Horizontal	Pass
3	3830.200	47.00	-5.41	74.0	-27.00	Peak	201.00	150	Horizontal	Pass
3**	3830.200	42.52	-5.41	54.0	-11.48	AV	201.00	150	Horizontal	Pass
4	5742.600	102.46	0.07	--	--	Peak	147.00	150	Horizontal	N/A
4**	5742.600	96.11	0.07	--	--	AV	147.00	150	Horizontal	N/A
5	12212.662	50.06	20.44	74.0	-23.94	Peak	292.00	150	Horizontal	Pass
5**	12212.662	39.07	20.44	54.0	-14.93	AV	292.00	150	Horizontal	Pass
6	15988.463	54.67	24.01	74.0	-19.33	Peak	361.00	150	Horizontal	Pass
6**	15988.463	43.79	24.01	54.0	-10.21	AV	361.00	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	1686.500	46.52	-15.27	74.0	-27.48	Peak	299.00	150	Vertical	Pass
1**	1686.500	30.10	-15.27	54.0	-23.90	AV	299.00	150	Vertical	Pass
2	2786.000	41.73	-8.75	74.0	-32.27	Peak	182.00	150	Vertical	Pass
2**	2786.000	33.73	-8.75	54.0	-20.27	AV	182.00	150	Vertical	Pass
3	3829.800	49.43	-5.46	74.0	-24.57	Peak	257.00	150	Vertical	Pass
3**	3829.800	43.29	-5.46	54.0	-10.71	AV	257.00	150	Vertical	Pass
4	5739.200	104.14	-0.05	--	--	Peak	104.00	150	Vertical	N/A
4**	5739.200	97.40	-0.05	--	--	AV	104.00	150	Vertical	N/A
5	12269.587	50.18	20.31	74.0	-23.82	Peak	328.00	150	Vertical	Pass
5**	12269.587	37.82	20.31	54.0	-16.18	AV	328.00	150	Vertical	Pass
6	16069.049	54.85	24.09	74.0	-19.15	Peak	347.00	150	Vertical	Pass
6**	16069.049	42.99	24.09	54.0	-11.01	AV	347.00	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	1683.200	42.71	-15.25	74.0	-31.29	Peak	227.00	150	Horizontal	Pass
1**	1683.200	28.92	-15.25	54.0	-25.08	AV	227.00	150	Horizontal	Pass
2	2721.100	42.69	-8.72	74.0	-31.31	Peak	149.00	150	Horizontal	Pass
2**	2721.100	32.59	-8.72	54.0	-21.41	AV	149.00	150	Horizontal	Pass
3	3856.800	47.93	-5.35	74.0	-26.07	Peak	329.00	150	Horizontal	Pass
3**	3856.800	45.39	-5.35	54.0	-8.61	AV	329.00	150	Horizontal	Pass
4	5791.800	101.64	0.99	--	--	Peak	194.00	150	Horizontal	N/A
4**	5791.800	94.36	0.99	--	--	AV	194.00	150	Horizontal	N/A
5	11659.513	51.13	20.28	74.0	-22.87	Peak	353.00	150	Horizontal	Pass
5**	11659.513	38.18	20.28	54.0	-15.82	AV	353.00	150	Horizontal	Pass
6	15911.812	55.28	23.49	74.0	-18.72	Peak	301.00	150	Horizontal	Pass
6**	15911.812	44.46	23.49	54.0	-9.54	AV	301.00	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	1681.300	46.97	-15.23	74.0	-27.03	Peak	289.00	150	Vertical	Pass
1**	1681.300	31.69	-15.23	54.0	-22.31	AV	289.00	150	Vertical	Pass
2	2834.700	41.38	-8.47	74.0	-32.62	Peak	360.00	150	Vertical	Pass
2**	2834.700	32.07	-8.47	54.0	-21.93	AV	360.00	150	Vertical	Pass
3	3856.600	50.50	-5.35	74.0	-23.50	Peak	241.00	150	Vertical	Pass
3**	3856.600	47.44	-5.35	54.0	-6.56	AV	241.00	150	Vertical	Pass
4	5783.000	104.65	0.93	--	--	Peak	105.00	150	Vertical	N/A
4**	5783.000	97.63	0.93	--	--	AV	105.00	150	Vertical	N/A
5	12156.313	50.41	20.00	74.0	-23.59	Peak	315.00	150	Vertical	Pass
5**	12156.313	37.95	20.00	54.0	-16.05	AV	315.00	150	Vertical	Pass
6	15885.825	55.21	23.33	74.0	-18.79	Peak	0.00	150	Vertical	Pass
6**	15885.825	43.67	23.33	54.0	-10.33	AV	0.00	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	1689.800	39.97	-15.25	74.0	-34.03	Peak	105.00	150	Horizontal	Pass
1**	1689.800	28.65	-15.25	54.0	-25.35	AV	105.00	150	Horizontal	Pass
2	2870.900	41.87	-8.19	74.0	-32.13	Peak	215.00	150	Horizontal	Pass
2**	2870.900	32.80	-8.19	54.0	-21.20	AV	215.00	150	Horizontal	Pass
3	3883.400	48.85	-5.22	74.0	-25.15	Peak	326.00	150	Horizontal	Pass
3**	3883.400	46.03	-5.22	54.0	-7.97	AV	326.00	150	Horizontal	Pass
4	5826.600	101.64	0.80	--	--	Peak	140.00	150	Horizontal	N/A
4**	5826.600	95.96	0.80	--	--	AV	140.00	150	Horizontal	N/A
5	11601.438	49.57	20.14	74.0	-24.43	Peak	0.00	150	Horizontal	Pass
5**	11601.438	38.68	20.14	54.0	-15.32	AV	0.00	150	Horizontal	Pass
6	15878.213	54.87	23.35	74.0	-19.13	Peak	146.00	150	Horizontal	Pass
6**	15878.213	43.48	23.35	54.0	-10.52	AV	146.00	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	1678.600	50.37	-15.23	74.0	-23.63	Peak	277.00	150	Vertical	Pass
1**	1678.600	31.18	-15.23	54.0	-22.82	AV	277.00	150	Vertical	Pass
2	2806.700	41.54	-8.70	74.0	-32.46	Peak	28.00	150	Vertical	Pass
2**	2806.700	31.90	-8.70	54.0	-22.10	AV	28.00	150	Vertical	Pass
3	3883.400	51.59	-5.22	74.0	-22.41	Peak	259.00	150	Vertical	Pass
3**	3883.400	49.88	-5.22	54.0	-4.12	AV	259.00	150	Vertical	Pass
4	5821.400	105.08	0.90	--	--	Peak	96.00	150	Vertical	N/A
4**	5821.400	98.46	0.90	--	--	AV	96.00	150	Vertical	N/A
5	11605.750	50.61	20.16	74.0	-23.39	Peak	353.00	150	Vertical	Pass
5**	11605.750	39.19	20.16	54.0	-14.81	AV	353.00	150	Vertical	Pass
6	15530.662	55.26	23.74	74.0	-18.74	Peak	0.00	150	Vertical	Pass
6**	15530.662	43.26	23.74	54.0	-10.74	AV	0.00	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	1698.500	42.98	-15.32	74.0	-31.02	Peak	58.00	150	Horizontal	Pass
1**	1698.500	30.05	-15.32	54.0	-23.95	AV	58.00	150	Horizontal	Pass
2	2783.100	42.20	-8.69	74.0	-31.80	Peak	330.00	150	Horizontal	Pass
2**	2783.100	32.32	-8.69	54.0	-21.68	AV	330.00	150	Horizontal	Pass
3	3829.800	46.94	-5.46	74.0	-27.06	Peak	192.00	150	Horizontal	Pass
3**	3829.800	39.36	-5.46	54.0	-14.64	AV	192.00	150	Horizontal	Pass
4	5741.200	102.07	0.00	--	--	Peak	192.00	150	Horizontal	N/A
4**	5741.200	95.36	0.00	--	--	AV	192.00	150	Horizontal	N/A
5	12191.100	50.57	20.36	74.0	-23.43	Peak	139.00	150	Horizontal	Pass
5**	12191.100	38.71	20.36	54.0	-15.29	AV	139.00	150	Horizontal	Pass
6	15599.175	54.82	23.55	74.0	-19.18	Peak	93.00	150	Horizontal	Pass
6**	15599.175	42.97	23.55	54.0	-11.03	AV	93.00	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	1686.000	46.38	-15.28	74.0	-27.62	Peak	273.00	150	Vertical	Pass
1**	1686.000	32.03	-15.28	54.0	-21.97	AV	273.00	150	Vertical	Pass
2	2721.900	42.73	-8.68	74.0	-31.27	Peak	169.00	150	Vertical	Pass
2**	2721.900	32.48	-8.68	54.0	-21.52	AV	169.00	150	Vertical	Pass
3	3830.000	49.46	-5.43	74.0	-24.54	Peak	217.00	150	Vertical	Pass
3**	3830.000	46.30	-5.43	54.0	-7.70	AV	217.00	150	Vertical	Pass
4	5748.800	104.75	0.28	--	--	Peak	97.00	150	Vertical	N/A
4**	5748.800	98.33	0.28	--	--	AV	97.00	150	Vertical	N/A
5	12135.326	50.39	19.80	74.0	-23.61	Peak	315.00	150	Vertical	Pass
5**	12135.326	38.34	19.80	54.0	-15.66	AV	315.00	150	Vertical	Pass
6	15989.512	54.94	24.01	74.0	-19.06	Peak	228.00	150	Vertical	Pass
6**	15989.512	42.95	24.01	54.0	-11.05	AV	228.00	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	1681.700	42.29	-15.24	74.0	-31.71	Peak	172.00	150	Horizontal	Pass
1**	1681.700	28.56	-15.24	54.0	-25.44	AV	172.00	150	Horizontal	Pass
2	2775.600	41.76	-8.58	74.0	-32.24	Peak	278.00	150	Horizontal	Pass
2**	2775.600	32.35	-8.58	54.0	-21.65	AV	278.00	150	Horizontal	Pass
3	3856.600	47.65	-5.35	74.0	-26.35	Peak	333.00	150	Horizontal	Pass
3**	3856.600	43.29	-5.35	54.0	-10.71	AV	333.00	150	Horizontal	Pass
4	5788.800	101.56	1.01	--	--	Peak	137.00	150	Horizontal	N/A
4**	5788.800	94.67	1.01	--	--	AV	137.00	150	Horizontal	N/A
5	12413.338	50.56	19.03	74.0	-23.44	Peak	230.00	150	Horizontal	Pass
5**	12413.338	39.15	19.03	54.0	-14.85	AV	230.00	150	Horizontal	Pass
6	15480.001	54.88	23.65	74.0	-19.12	Peak	194.00	150	Horizontal	Pass
6**	15480.001	43.20	23.65	54.0	-10.80	AV	194.00	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	1686.800	48.77	-15.26	74.0	-25.23	Peak	344.00	150	Vertical	Pass
1**	1686.800	35.52	-15.26	54.0	-18.48	AV	344.00	150	Vertical	Pass
2	2783.500	41.94	-8.68	74.0	-32.06	Peak	360.00	150	Vertical	Pass
2**	2783.500	31.70	-8.68	54.0	-22.30	AV	360.00	150	Vertical	Pass
3	3856.600	50.91	-5.35	74.0	-23.09	Peak	246.00	150	Vertical	Pass
3**	3856.600	47.07	-5.35	54.0	-6.93	AV	246.00	150	Vertical	Pass
4	5786.600	105.91	0.79	--	--	Peak	98.00	150	Vertical	N/A
4**	5786.600	98.11	0.79	--	--	AV	98.00	150	Vertical	N/A
5	11548.826	50.45	19.69	74.0	-23.55	Peak	167.00	150	Vertical	Pass
5**	11548.826	37.78	19.69	54.0	-16.22	AV	167.00	150	Vertical	Pass
6	15953.812	55.06	23.96	74.0	-18.94	Peak	359.00	150	Vertical	Pass
6**	15953.812	42.84	23.96	54.0	-11.16	AV	359.00	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	1697.400	40.64	-15.30	74.0	-33.36	Peak	207.00	150	Horizontal	Pass
1**	1697.400	29.03	-15.30	54.0	-24.97	AV	207.00	150	Horizontal	Pass
2	2720.300	41.85	-8.75	74.0	-32.15	Peak	240.00	150	Horizontal	Pass
2**	2720.300	31.83	-8.75	54.0	-22.17	AV	240.00	150	Horizontal	Pass
3	3883.400	49.72	-5.22	74.0	-24.28	Peak	210.00	150	Horizontal	Pass
3**	3883.400	46.24	-5.22	54.0	-7.76	AV	210.00	150	Horizontal	Pass
4	5826.600	102.25	0.80	--	--	Peak	134.00	150	Horizontal	N/A
4**	5826.600	94.66	0.80	--	--	AV	134.00	150	Horizontal	N/A
5	11601.724	49.65	20.14	74.0	-24.35	Peak	267.00	150	Horizontal	Pass
5**	11601.724	38.87	20.14	54.0	-15.13	AV	267.00	150	Horizontal	Pass
6	15536.175	54.55	23.72	74.0	-19.45	Peak	360.00	150	Horizontal	Pass
6**	15536.175	43.67	23.72	54.0	-10.33	AV	360.00	150	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1679.400	50.02	-15.22	74.0	-23.98	Peak	350.00	150	Vertical	Pass
1**	1679.400	32.12	-15.22	54.0	-21.88	AV	350.00	150	Vertical	Pass
2	2793.300	41.61	-8.86	74.0	-32.39	Peak	269.00	150	Vertical	Pass
2**	2793.300	31.69	-8.86	54.0	-22.31	AV	269.00	150	Vertical	Pass
3	3883.200	52.19	-5.21	74.0	-21.81	Peak	256.00	150	Vertical	Pass
3**	3883.200	47.79	-5.21	54.0	-6.21	AV	256.00	150	Vertical	Pass
4	5824.200	104.72	0.81	--	--	Peak	108.00	150	Vertical	N/A
4**	5824.200	97.42	0.81	--	--	AV	108.00	150	Vertical	N/A
5	12645.925	51.00	19.00	74.0	-23.00	Peak	21.00	150	Vertical	Pass
5**	12645.925	37.93	19.00	54.0	-16.07	AV	21.00	150	Vertical	Pass
6	15939.375	54.77	23.90	74.0	-19.23	Peak	136.00	150	Vertical	Pass
6**	15939.375	43.50	23.90	54.0	-10.50	AV	136.00	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	1125.000	38.29	-15.29	74.0	-35.71	Peak	157.00	150	Horizontal	Pass
1**	1125.000	34.18	-15.29	54.0	-19.82	AV	157.00	150	Horizontal	Pass
2	2771.100	41.51	-8.48	74.0	-32.49	Peak	357.00	150	Horizontal	Pass
2**	2771.100	31.88	-8.48	54.0	-22.12	AV	357.00	150	Horizontal	Pass
3	3836.400	46.85	-5.30	74.0	-27.15	Peak	194.00	150	Horizontal	Pass
3**	3836.400	38.24	-5.30	54.0	-15.76	AV	194.00	150	Horizontal	Pass
4	5768.400	99.10	0.90	--	--	Peak	148.00	150	Horizontal	N/A
4**	5768.400	92.73	0.90	--	--	AV	148.00	150	Horizontal	N/A
5	12133.313	49.98	19.78	74.0	-24.02	Peak	54.00	150	Horizontal	Pass
5**	12133.313	38.47	19.78	54.0	-15.53	AV	54.00	150	Horizontal	Pass
6	15643.800	54.88	23.55	74.0	-19.12	Peak	155.00	150	Horizontal	Pass
6**	15643.800	43.32	23.55	54.0	-10.68	AV	155.00	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	1666.100	47.60	-15.21	74.0	-26.40	Peak	351.00	150	Vertical	Pass
1**	1666.100	32.00	-15.21	54.0	-22.00	AV	351.00	150	Vertical	Pass
2	2768.200	41.77	-8.52	74.0	-32.23	Peak	164.00	150	Vertical	Pass
2**	2768.200	33.03	-8.52	54.0	-20.97	AV	164.00	150	Vertical	Pass
3	3836.600	50.68	-5.29	74.0	-23.32	Peak	277.00	150	Vertical	Pass
3**	3836.600	46.33	-5.29	54.0	-7.67	AV	277.00	150	Vertical	Pass
4	5752.600	101.66	0.51	--	--	Peak	97.00	150	Vertical	N/A
4**	5752.600	95.57	0.51	--	--	AV	97.00	150	Vertical	N/A
5	11565.500	49.97	19.81	74.0	-24.03	Peak	0.00	150	Vertical	Pass
5**	11565.500	37.69	19.81	54.0	-16.31	AV	0.00	150	Vertical	Pass
6	15983.475	55.17	24.01	74.0	-18.83	Peak	314.00	150	Vertical	Pass
6**	15983.475	42.48	24.01	54.0	-11.52	AV	314.00	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	1018.600	38.65	-14.38	74.0	-35.35	Peak	47.00	150	Horizontal	Pass
1**	1018.600	31.77	-14.38	54.0	-22.23	AV	47.00	150	Horizontal	Pass
2	2781.200	41.76	-8.66	74.0	-32.24	Peak	115.00	150	Horizontal	Pass
2**	2781.200	33.01	-8.66	54.0	-20.99	AV	115.00	150	Horizontal	Pass
3	3863.200	48.32	-5.11	74.0	-25.68	Peak	211.00	150	Horizontal	Pass
3**	3863.200	43.13	-5.11	54.0	-10.87	AV	211.00	150	Horizontal	Pass
4	5793.000	98.28	1.06	--	--	Peak	144.00	150	Horizontal	N/A
4**	5793.000	91.76	1.06	--	--	AV	144.00	150	Horizontal	N/A
5	11596.550	50.12	20.09	74.0	-23.88	Peak	226.00	150	Horizontal	Pass
5**	11596.550	38.57	20.09	54.0	-15.43	AV	226.00	150	Horizontal	Pass
6	15910.237	55.47	23.46	74.0	-18.53	Peak	241.00	150	Horizontal	Pass
6**	15910.237	42.46	23.46	54.0	-11.54	AV	241.00	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	1677.500	48.64	-15.29	74.0	-25.36	Peak	357.00	150	Vertical	Pass
1**	1677.500	36.47	-15.29	54.0	-17.53	AV	357.00	150	Vertical	Pass
2	2781.000	42.29	-8.64	74.0	-31.71	Peak	70.00	150	Vertical	Pass
2**	2781.000	33.07	-8.64	54.0	-20.93	AV	70.00	150	Vertical	Pass
3	3863.400	51.04	-5.09	74.0	-22.96	Peak	246.00	150	Vertical	Pass
3**	3863.400	49.22	-5.09	54.0	-4.78	AV	246.00	150	Vertical	Pass
4	5807.600	101.28	0.85	--	--	Peak	94.00	150	Vertical	N/A
4**	5807.600	93.85	0.85	--	--	AV	94.00	150	Vertical	N/A
5	12152.863	49.91	19.95	74.0	-24.09	Peak	270.00	150	Vertical	Pass
5**	12152.863	38.82	19.95	54.0	-15.18	AV	270.00	150	Vertical	Pass
6	15478.688	54.63	23.64	74.0	-19.37	Peak	131.00	150	Vertical	Pass
6**	15478.688	42.98	23.64	54.0	-11.02	AV	131.00	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	1686.500	44.40	-15.27	74.0	-29.60	Peak	54.00	150	Horizontal	Pass
1**	1686.500	26.98	-15.27	54.0	-27.02	AV	54.00	150	Horizontal	Pass
2	2866.800	42.46	-8.07	74.0	-31.54	Peak	219.00	150	Horizontal	Pass
2**	2866.800	33.95	-8.07	54.0	-20.05	AV	219.00	150	Horizontal	Pass
3	3830.000	46.86	-5.43	74.0	-27.14	Peak	202.00	150	Horizontal	Pass
3**	3830.000	42.67	-5.43	54.0	-11.33	AV	202.00	150	Horizontal	Pass
4	5751.000	102.06	0.38	--	--	Peak	192.00	150	Horizontal	N/A
4**	5751.000	95.47	0.38	--	--	AV	192.00	150	Horizontal	N/A
5	11771.638	49.74	18.77	74.0	-24.26	Peak	68.00	150	Horizontal	Pass
5**	11771.638	37.76	18.77	54.0	-16.24	AV	68.00	150	Horizontal	Pass
6	15535.912	55.39	23.72	74.0	-18.61	Peak	266.00	150	Horizontal	Pass
6**	15535.912	43.31	23.72	54.0	-10.69	AV	266.00	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	1680.500	49.71	-15.23	74.0	-24.29	Peak	273.00	150	Vertical	Pass
1**	1680.500	30.83	-15.23	54.0	-23.17	AV	273.00	150	Vertical	Pass
2	2721.500	41.46	-8.70	74.0	-32.54	Peak	54.00	150	Vertical	Pass
2**	2721.500	31.70	-8.70	54.0	-22.30	AV	54.00	150	Vertical	Pass
3	3830.200	49.43	-5.41	74.0	-24.57	Peak	248.00	150	Vertical	Pass
3**	3830.200	46.95	-5.41	54.0	-7.05	AV	248.00	150	Vertical	Pass
4	5738.600	105.13	-0.05	--	--	Peak	104.00	150	Vertical	N/A
4**	5738.600	98.04	-0.05	--	--	AV	104.00	150	Vertical	N/A
5	11665.838	50.35	20.21	74.0	-23.65	Peak	38.00	150	Vertical	Pass
5**	11665.838	37.52	20.21	54.0	-16.48	AV	38.00	150	Vertical	Pass
6	16013.662	56.20	23.98	74.0	-17.80	Peak	90.00	150	Vertical	Pass
6**	16013.662	43.53	23.98	54.0	-10.47	AV	90.00	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	1687.700	41.46	-15.24	74.0	-32.54	Peak	199.00	150	Horizontal	Pass
1**	1687.700	28.83	-15.24	54.0	-25.17	AV	199.00	150	Horizontal	Pass
2	2722.300	42.16	-8.66	74.0	-31.84	Peak	66.00	150	Horizontal	Pass
2**	2722.300	32.07	-8.66	54.0	-21.93	AV	66.00	150	Horizontal	Pass
3	3856.800	48.54	-5.35	74.0	-25.46	Peak	204.00	150	Horizontal	Pass
3**	3856.800	45.31	-5.35	54.0	-8.69	AV	204.00	150	Horizontal	Pass
4	5792.400	101.40	1.04	--	--	Peak	195.00	150	Horizontal	N/A
4**	5792.400	95.15	1.04	--	--	AV	195.00	150	Horizontal	N/A
5	11679.350	50.76	20.07	74.0	-23.24	Peak	124.00	150	Horizontal	Pass
5**	11679.350	37.86	20.07	54.0	-16.14	AV	124.00	150	Horizontal	Pass
6	15612.037	55.01	23.49	74.0	-18.99	Peak	360.00	150	Horizontal	Pass
6**	15612.037	45.41	23.49	54.0	-8.59	AV	360.00	150	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1685.100	48.27	-15.29	74.0	-25.73	Peak	350.00	150	Vertical	Pass
1**	1685.100	33.46	-15.29	54.0	-20.54	AV	350.00	150	Vertical	Pass
2	2869.900	42.57	-8.20	74.0	-31.43	Peak	336.00	150	Vertical	Pass
2**	2869.900	33.17	-8.20	54.0	-20.83	AV	336.00	150	Vertical	Pass
3	3856.600	50.72	-5.35	74.0	-23.28	Peak	260.00	150	Vertical	Pass
3**	3856.600	47.47	-5.35	54.0	-6.53	AV	260.00	150	Vertical	Pass
4	5789.000	105.12	1.00	--	--	Peak	104.00	150	Vertical	N/A
4**	5789.000	97.89	1.00	--	--	AV	104.00	150	Vertical	N/A
5	12176.151	49.99	20.22	74.0	-24.01	Peak	147.00	150	Vertical	Pass
5**	12176.151	38.19	20.22	54.0	-15.81	AV	147.00	150	Vertical	Pass
6	15548.775	55.27	23.62	74.0	-18.73	Peak	54.00	150	Vertical	Pass
6**	15548.775	44.48	23.62	54.0	-9.52	AV	54.00	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	1682.900	40.00	-15.25	74.0	-34.00	Peak	54.00	150	Horizontal	Pass
1**	1682.900	30.34	-15.25	54.0	-23.66	AV	54.00	150	Horizontal	Pass
2	3883.400	48.58	-5.22	74.0	-25.42	Peak	207.00	150	Horizontal	Pass
2**	3883.400	46.09	-5.22	54.0	-7.91	AV	207.00	150	Horizontal	Pass
3	5085.200	50.72	0.17	74.0	-23.28	Peak	243.00	150	Horizontal	Pass
3**	5085.200	39.85	0.17	54.0	-14.15	AV	243.00	150	Horizontal	Pass
4	5826.800	101.90	0.80	--	--	Peak	146.00	150	Horizontal	N/A
4**	5826.800	94.91	0.80	--	--	AV	146.00	150	Horizontal	N/A
5	12344.912	49.46	19.75	74.0	-24.54	Peak	15.00	150	Horizontal	Pass
5**	12344.912	37.22	19.75	54.0	-16.78	AV	15.00	150	Horizontal	Pass
6	15921.000	53.51	23.66	74.0	-20.49	Peak	197.00	150	Horizontal	Pass
6**	15921.000	42.31	23.66	54.0	-11.69	AV	197.00	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	1698.700	49.53	-15.32	74.0	-24.47	Peak	332.00	150	Vertical	Pass
1**	1698.700	27.34	-15.32	54.0	-26.66	AV	332.00	150	Vertical	Pass
2	3883.400	52.16	-5.22	74.0	-21.84	Peak	253.00	150	Vertical	Pass
2**	3883.400	50.08	-5.22	54.0	-3.92	AV	253.00	150	Vertical	Pass
3	4850.000	51.56	-1.26	74.0	-22.44	Peak	166.00	150	Vertical	Pass
3**	4850.000	38.56	-1.26	54.0	-15.44	AV	166.00	150	Vertical	Pass
4	5824.000	104.18	0.82	--	--	Peak	105.00	150	Vertical	N/A
4**	5824.000	98.63	0.82	--	--	AV	105.00	150	Vertical	N/A
5	11684.237	49.20	20.01	74.0	-24.80	Peak	46.00	150	Vertical	Pass
5**	11684.237	36.88	20.01	54.0	-17.12	AV	46.00	150	Vertical	Pass
6	15946.988	54.47	23.93	74.0	-19.53	Peak	194.00	150	Vertical	Pass
6**	15946.988	42.63	23.93	54.0	-11.37	AV	194.00	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	1678.900	42.36	-15.22	74.0	-31.64	Peak	54.00	150	Horizontal	Pass
1**	1678.900	34.91	-15.22	54.0	-19.09	AV	54.00	150	Horizontal	Pass
2	3836.600	46.40	-5.29	74.0	-27.60	Peak	223.00	150	Horizontal	Pass
2**	3836.600	41.45	-5.29	54.0	-12.55	AV	223.00	150	Horizontal	Pass
3	5058.000	49.75	-0.65	74.0	-24.25	Peak	29.00	150	Horizontal	Pass
3**	5058.000	38.09	-0.65	54.0	-15.91	AV	29.00	150	Horizontal	Pass
4	5750.000	99.02	0.31	--	--	Peak	153.00	150	Horizontal	N/A
4**	5750.000	92.54	0.31	--	--	AV	153.00	150	Horizontal	N/A
5	12383.725	49.66	19.36	74.0	-24.34	Peak	257.00	150	Horizontal	Pass
5**	12383.725	37.68	19.36	54.0	-16.32	AV	257.00	150	Horizontal	Pass
6	16116.563	53.94	24.02	74.0	-20.06	Peak	176.00	150	Horizontal	Pass
6**	16116.563	41.60	24.02	54.0	-12.40	AV	176.00	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	1690.100	47.00	-15.24	74.0	-27.00	Peak	340.00	150	Vertical	Pass
1**	1690.100	27.62	-15.24	54.0	-26.38	AV	340.00	150	Vertical	Pass
2	3836.600	49.27	-5.29	74.0	-24.73	Peak	258.00	150	Vertical	Pass
2**	3836.600	46.03	-5.29	54.0	-7.97	AV	258.00	150	Vertical	Pass
3	4833.800	49.83	-1.33	74.0	-24.17	Peak	20.00	150	Vertical	Pass
3**	4833.800	37.44	-1.33	54.0	-16.56	AV	20.00	150	Vertical	Pass
4	5752.200	100.79	0.49	--	--	Peak	116.00	150	Vertical	N/A
4**	5752.200	94.18	0.49	--	--	AV	116.00	150	Vertical	N/A
5	12261.250	48.49	20.38	74.0	-25.51	Peak	113.00	150	Vertical	Pass
5**	12261.250	36.44	20.38	54.0	-17.56	AV	113.00	150	Vertical	Pass
6	15570.037	54.02	23.58	74.0	-19.98	Peak	142.00	150	Vertical	Pass
6**	15570.037	41.92	23.58	54.0	-12.08	AV	142.00	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	1668.300	39.53	-15.22	74.0	-34.47	Peak	254.00	150	Horizontal	Pass
1**	1668.300	26.87	-15.22	54.0	-27.13	AV	254.00	150	Horizontal	Pass
2	2867.300	42.97	-8.10	74.0	-31.03	Peak	360.00	150	Horizontal	Pass
2**	2867.300	32.51	-8.10	54.0	-21.49	AV	360.00	150	Horizontal	Pass
3	3863.200	48.92	-5.11	74.0	-25.08	Peak	202.00	150	Horizontal	Pass
3**	3863.200	42.08	-5.11	54.0	-11.92	AV	202.00	150	Horizontal	Pass
4	5799.200	98.53	0.88	--	--	Peak	141.00	150	Horizontal	N/A
4**	5799.200	91.54	0.88	--	--	AV	141.00	150	Horizontal	N/A
5	11740.013	49.35	19.10	74.0	-24.65	Peak	193.00	150	Horizontal	Pass
5**	11740.013	36.87	19.10	54.0	-17.13	AV	193.00	150	Horizontal	Pass
6	16146.487	53.96	24.08	74.0	-20.04	Peak	43.00	150	Horizontal	Pass
6**	16146.487	42.65	24.08	54.0	-11.35	AV	43.00	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	1680.700	50.64	-15.23	74.0	-23.36	Peak	322.00	150	Vertical	Pass
1**	1680.700	30.34	-15.23	54.0	-23.66	AV	322.00	150	Vertical	Pass
2	3863.200	50.66	-5.11	74.0	-23.34	Peak	248.00	150	Vertical	Pass
2**	3863.200	46.28	-5.11	54.0	-7.72	AV	248.00	150	Vertical	Pass
3	5084.800	50.58	0.16	74.0	-23.42	Peak	73.00	150	Vertical	Pass
3**	5084.800	38.47	0.16	54.0	-15.53	AV	73.00	150	Vertical	Pass
4	5801.600	100.34	0.87	--	--	Peak	116.00	150	Vertical	N/A
4**	5801.600	93.69	0.87	--	--	AV	116.00	150	Vertical	N/A
5	12279.075	49.56	20.24	74.0	-24.44	Peak	360.00	150	Vertical	Pass
5**	12279.075	38.14	20.24	54.0	-15.86	AV	360.00	150	Vertical	Pass
6	15530.662	53.27	23.74	74.0	-20.73	Peak	-1.00	150	Vertical	Pass
6**	15530.662	42.52	23.74	54.0	-11.48	AV	-1.00	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	1686.300	41.17	-15.27	74.0	-32.83	Peak	360.00	150	Horizontal	Pass
1**	1686.300	27.35	-15.27	54.0	-26.65	AV	360.00	150	Horizontal	Pass
2	3850.000	47.07	-5.23	74.0	-26.93	Peak	226.00	150	Horizontal	Pass
2**	3850.000	43.25	-5.23	54.0	-10.75	AV	226.00	150	Horizontal	Pass
3	5052.400	49.66	-0.93	74.0	-24.34	Peak	271.00	150	Horizontal	Pass
3**	5052.400	37.73	-0.93	54.0	-16.27	AV	271.00	150	Horizontal	Pass
4	5798.600	95.27	0.85	--	--	Peak	200.00	150	Horizontal	N/A
4**	5798.600	87.93	0.85	--	--	AV	200.00	150	Horizontal	N/A
5	11696.312	48.47	19.87	74.0	-25.53	Peak	180.00	150	Horizontal	Pass
5**	11696.312	37.10	19.87	54.0	-16.90	AV	180.00	150	Horizontal	Pass
6	15929.662	53.06	23.77	74.0	-20.94	Peak	314.00	150	Horizontal	Pass
6**	15929.662	41.98	23.77	54.0	-12.02	AV	314.00	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	1680.100	45.90	-15.22	74.0	-28.10	Peak	330.00	150	Vertical	Pass
1**	1680.100	28.32	-15.22	54.0	-25.68	AV	330.00	150	Vertical	Pass
2	3849.800	50.10	-5.22	74.0	-23.90	Peak	268.00	150	Vertical	Pass
2**	3849.800	44.38	-5.22	54.0	-9.62	AV	268.00	150	Vertical	Pass
3	4845.000	48.97	-1.24	74.0	-25.03	Peak	127.00	150	Vertical	Pass
3**	4845.000	37.45	-1.24	54.0	-16.55	AV	127.00	150	Vertical	Pass
4	5754.600	97.88	0.46	--	--	Peak	118.00	150	Vertical	N/A
4**	5754.600	90.57	0.46	--	--	AV	118.00	150	Vertical	N/A
5	11731.675	48.10	19.24	74.0	-25.90	Peak	2.00	150	Vertical	Pass
5**	11731.675	36.88	19.24	54.0	-17.12	AV	2.00	150	Vertical	Pass
6	15794.213	53.03	23.16	74.0	-20.97	Peak	362.00	150	Vertical	Pass
6**	15794.213	41.23	23.16	54.0	-12.77	AV	362.00	150	Vertical	Pass

Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.700	39.80	-15.24	74.0	-34.20	Peak	199.00	150	Horizontal	Pass
1**	1687.700	27.97	-15.24	54.0	-26.03	AV	199.00	150	Horizontal	Pass
2	2834.400	41.78	-8.47	74.0	-32.22	Peak	293.00	150	Horizontal	Pass
2**	2834.400	33.50	-8.47	54.0	-20.50	AV	293.00	150	Horizontal	Pass
3	4133.000	45.91	-4.14	74.0	-28.09	Peak	307.00	150	Horizontal	Pass
3**	4133.000	34.45	-4.14	54.0	-19.55	AV	307.00	150	Horizontal	Pass
4	5183.200	101.32	-0.58	--	--	Peak	329.00	150	Horizontal	N/A
4**	5183.200	95.27	-0.58	--	--	AV	329.00	150	Horizontal	N/A
5	11771.062	48.39	18.77	74.0	-25.61	Peak	125.00	150	Horizontal	Pass
5**	11771.062	36.73	18.77	54.0	-17.27	AV	125.00	150	Horizontal	Pass
6	15555.338	53.69	23.59	74.0	-20.31	Peak	182.00	150	Horizontal	Pass
6**	15555.338	41.37	23.59	54.0	-12.63	AV	182.00	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	1699.300	50.52	-15.30	74.0	-23.48	Peak	336.00	150	Vertical	Pass
1**	1699.300	28.52	-15.30	54.0	-25.48	AV	336.00	150	Vertical	Pass
2	3749.600	46.93	-4.68	74.0	-27.07	Peak	190.00	150	Vertical	Pass
2**	3749.600	36.49	-4.68	54.0	-17.51	AV	190.00	150	Vertical	Pass
3	4837.000	49.85	-1.28	74.0	-24.15	Peak	190.00	150	Vertical	Pass
3**	4837.000	37.93	-1.28	54.0	-16.07	AV	190.00	150	Vertical	Pass
4	5184.400	102.93	-0.64	--	--	Peak	289.00	150	Vertical	N/A
4**	5184.400	96.63	-0.64	--	--	AV	289.00	150	Vertical	N/A
5	12286.550	49.33	20.15	74.0	-24.67	Peak	45.00	150	Vertical	Pass
5**	12286.550	37.11	20.15	54.0	-16.89	AV	45.00	150	Vertical	Pass
6	15572.138	53.37	23.58	74.0	-20.63	Peak	183.00	150	Vertical	Pass
6**	15572.138	42.37	23.58	54.0	-11.63	AV	183.00	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	1679.500	42.01	-15.22	74.0	-31.99	Peak	125.00	150	Horizontal	Pass
1**	1679.500	33.93	-15.22	54.0	-20.07	AV	125.00	150	Horizontal	Pass
2	2783.400	42.19	-8.68	74.0	-31.81	Peak	236.00	150	Horizontal	Pass
2**	2783.400	31.73	-8.68	54.0	-22.27	AV	236.00	150	Horizontal	Pass
3	3989.000	46.23	-4.33	74.0	-27.77	Peak	234.00	150	Horizontal	Pass
3**	3989.000	35.21	-4.33	54.0	-18.79	AV	234.00	150	Horizontal	Pass
4	5216.400	104.46	-0.30	--	--	Peak	293.00	150	Horizontal	N/A
4**	5216.400	97.17	-0.30	--	--	AV	293.00	150	Horizontal	N/A
5	11610.925	48.53	20.19	74.0	-25.47	Peak	360.00	150	Horizontal	Pass
5**	11610.925	37.35	20.19	54.0	-16.65	AV	360.00	150	Horizontal	Pass
6	15670.575	53.40	23.53	74.0	-20.60	Peak	164.00	150	Horizontal	Pass
6**	15670.575	43.19	23.53	54.0	-10.81	AV	164.00	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	1681.600	48.52	-15.24	74.0	-25.48	Peak	336.00	150	Vertical	Pass
1**	1681.600	27.55	-15.24	54.0	-26.45	AV	336.00	150	Vertical	Pass
2	2811.900	42.23	-8.41	74.0	-31.77	Peak	361.00	150	Vertical	Pass
2**	2811.900	32.22	-8.41	54.0	-21.78	AV	361.00	150	Vertical	Pass
3	3750.000	46.68	-4.66	74.0	-27.32	Peak	239.00	150	Vertical	Pass
3**	3750.000	41.94	-4.66	54.0	-12.06	AV	239.00	150	Vertical	Pass
4	5216.200	104.44	-0.29	--	--	Peak	286.00	150	Vertical	N/A
4**	5216.200	97.42	-0.29	--	--	AV	286.00	150	Vertical	N/A
5	12540.987	48.56	18.54	74.0	-25.44	Peak	220.00	150	Vertical	Pass
5**	12540.987	35.66	18.54	54.0	-18.34	AV	220.00	150	Vertical	Pass
6	16011.563	53.58	23.99	74.0	-20.42	Peak	46.00	150	Vertical	Pass
6**	16011.563	41.06	23.99	54.0	-12.94	AV	46.00	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	1680.500	41.53	-15.23	74.0	-32.47	Peak	140.00	150	Horizontal	Pass
1**	1680.500	27.17	-15.23	54.0	-26.83	AV	140.00	150	Horizontal	Pass
2	2850.400	42.72	-8.20	74.0	-31.28	Peak	221.00	150	Horizontal	Pass
2**	2850.400	31.40	-8.20	54.0	-22.60	AV	221.00	150	Horizontal	Pass
3	4202.200	46.58	-4.08	74.0	-27.42	Peak	211.00	150	Horizontal	Pass
3**	4202.200	34.51	-4.08	54.0	-19.49	AV	211.00	150	Horizontal	Pass
4	5238.400	104.20	-0.94	--	--	Peak	-1.00	150	Horizontal	N/A
4**	5238.400	98.14	-0.94	--	--	AV	-1.00	150	Horizontal	N/A
5	11615.526	48.07	20.21	74.0	-25.93	Peak	300.00	150	Horizontal	Pass
5**	11615.526	37.53	20.21	54.0	-16.47	AV	300.00	150	Horizontal	Pass
6	15807.863	54.05	23.20	74.0	-19.95	Peak	300.00	150	Horizontal	Pass
6**	15807.863	41.79	23.20	54.0	-12.21	AV	300.00	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	1698.100	46.20	-15.33	74.0	-27.80	Peak	237.00	150	Vertical	Pass
1**	1698.100	31.52	-15.33	54.0	-22.48	AV	237.00	150	Vertical	Pass
2	2785.300	41.92	-8.72	74.0	-32.08	Peak	206.00	150	Vertical	Pass
2**	2785.300	31.54	-8.72	54.0	-22.46	AV	206.00	150	Vertical	Pass
3	3750.000	46.96	-4.66	74.0	-27.04	Peak	207.00	150	Vertical	Pass
3**	3750.000	42.66	-4.66	54.0	-11.34	AV	207.00	150	Vertical	Pass
4	5241.000	103.21	-0.95	--	--	Peak	277.00	150	Vertical	N/A
4**	5241.000	97.52	-0.95	--	--	AV	277.00	150	Vertical	N/A
5	11536.463	48.66	19.59	74.0	-25.34	Peak	250.00	150	Vertical	Pass
5**	11536.463	37.92	19.59	54.0	-16.08	AV	250.00	150	Vertical	Pass
6	15677.662	52.97	23.58	74.0	-21.03	Peak	0.00	150	Vertical	Pass
6**	15677.662	43.30	23.58	54.0	-10.70	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	1682.000	44.29	-15.24	74.0	-29.71	Peak	187.00	150	Horizontal	Pass
1**	1682.000	35.32	-15.24	54.0	-18.68	AV	187.00	150	Horizontal	Pass
2	2880.800	42.40	-8.28	74.0	-31.60	Peak	48.00	150	Horizontal	Pass
2**	2880.800	32.45	-8.28	54.0	-21.55	AV	48.00	150	Horizontal	Pass
3	3980.400	46.81	-4.04	74.0	-27.19	Peak	0.00	150	Horizontal	Pass
3**	3980.400	34.37	-4.04	54.0	-19.63	AV	0.00	150	Horizontal	Pass
4	5183.600	101.58	-0.60	--	--	Peak	329.00	150	Horizontal	N/A
4**	5183.600	95.36	-0.60	--	--	AV	329.00	150	Horizontal	N/A
5	12335.138	48.71	19.82	74.0	-25.29	Peak	258.00	150	Horizontal	Pass
5**	12335.138	37.15	19.82	54.0	-16.85	AV	258.00	150	Horizontal	Pass
6	15365.550	53.35	22.59	74.0	-20.65	Peak	161.00	150	Horizontal	Pass
6**	15365.550	41.25	22.59	54.0	-12.75	AV	161.00	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	1678.900	48.39	-15.22	74.0	-25.61	Peak	330.00	150	Vertical	Pass
1**	1678.900	39.34	-15.22	54.0	-14.66	AV	330.00	150	Vertical	Pass
2	2780.000	42.01	-8.54	74.0	-31.99	Peak	119.00	150	Vertical	Pass
2**	2780.000	32.47	-8.54	54.0	-21.53	AV	119.00	150	Vertical	Pass
3	3750.000	48.17	-4.66	74.0	-25.83	Peak	206.00	150	Vertical	Pass
3**	3750.000	43.67	-4.66	54.0	-10.33	AV	206.00	150	Vertical	Pass
4	5181.000	102.54	-0.58	--	--	Peak	295.00	150	Vertical	N/A
4**	5181.000	97.26	-0.58	--	--	AV	295.00	150	Vertical	N/A
5	12143.375	48.23	19.87	74.0	-25.77	Peak	184.00	150	Vertical	Pass
5**	12143.375	37.30	19.87	54.0	-16.70	AV	184.00	150	Vertical	Pass
6	15990.038	52.86	24.01	74.0	-21.14	Peak	290.00	150	Vertical	Pass
6**	15990.038	41.06	24.01	54.0	-12.94	AV	290.00	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	1675.200	42.08	-15.25	74.0	-31.92	Peak	330.00	150	Horizontal	Pass
1**	1675.200	32.20	-15.25	54.0	-21.80	AV	330.00	150	Horizontal	Pass
2	2872.600	41.95	-8.25	74.0	-32.05	Peak	176.00	150	Horizontal	Pass
2**	2872.600	32.22	-8.25	54.0	-21.78	AV	176.00	150	Horizontal	Pass
3	4138.000	46.32	-4.05	74.0	-27.68	Peak	307.00	150	Horizontal	Pass
3**	4138.000	33.38	-4.05	54.0	-20.62	AV	307.00	150	Horizontal	Pass
4	5218.000	103.87	-0.25	--	--	Peak	290.00	150	Horizontal	N/A
4**	5218.000	96.38	-0.25	--	--	AV	290.00	150	Horizontal	N/A
5	11795.500	48.34	18.58	74.0	-25.66	Peak	361.00	150	Horizontal	Pass
5**	11795.500	36.77	18.58	54.0	-17.23	AV	361.00	150	Horizontal	Pass
6	15593.400	53.75	23.56	74.0	-20.25	Peak	65.00	150	Horizontal	Pass
6**	15593.400	41.43	23.56	54.0	-12.57	AV	65.00	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	1678.300	46.94	-15.25	74.0	-27.06	Peak	329.00	150	Vertical	Pass
1**	1678.300	28.49	-15.25	54.0	-25.51	AV	329.00	150	Vertical	Pass
2	2866.500	41.90	-8.06	74.0	-32.10	Peak	107.00	150	Vertical	Pass
2**	2866.500	32.50	-8.06	54.0	-21.50	AV	107.00	150	Vertical	Pass
3	3750.000	46.62	-4.66	74.0	-27.38	Peak	199.00	150	Vertical	Pass
3**	3750.000	41.93	-4.66	54.0	-12.07	AV	199.00	150	Vertical	Pass
4	5218.800	103.63	-0.21	--	--	Peak	284.00	150	Vertical	N/A
4**	5218.800	96.89	-0.21	--	--	AV	284.00	150	Vertical	N/A
5	12178.450	48.51	20.24	74.0	-25.49	Peak	69.00	150	Vertical	Pass
5**	12178.450	37.46	20.24	54.0	-16.54	AV	69.00	150	Vertical	Pass
6	15746.962	53.22	23.39	74.0	-20.78	Peak	172.00	150	Vertical	Pass
6**	15746.962	41.85	23.39	54.0	-12.15	AV	172.00	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	1697.100	42.24	-15.29	74.0	-31.76	Peak	144.00	150	Horizontal	Pass
1**	1697.100	28.72	-15.29	54.0	-25.28	AV	144.00	150	Horizontal	Pass
2	2871.500	41.76	-8.21	74.0	-32.24	Peak	144.00	150	Horizontal	Pass
2**	2871.500	32.74	-8.21	54.0	-21.26	AV	144.00	150	Horizontal	Pass
3	4247.800	46.87	-3.18	74.0	-27.13	Peak	75.00	150	Horizontal	Pass
3**	4247.800	35.15	-3.18	54.0	-18.85	AV	75.00	150	Horizontal	Pass
4	5236.400	104.59	-0.80	--	--	Peak	362.00	150	Horizontal	N/A
4**	5236.400	98.16	-0.80	--	--	AV	362.00	150	Horizontal	N/A
5	12396.088	48.98	19.24	74.0	-25.02	Peak	333.00	150	Horizontal	Pass
5**	12396.088	36.97	19.24	54.0	-17.03	AV	333.00	150	Horizontal	Pass
6	15678.451	53.49	23.58	74.0	-20.51	Peak	338.00	150	Horizontal	Pass
6**	15678.451	43.36	23.58	54.0	-10.64	AV	338.00	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	1679.600	47.43	-15.22	74.0	-26.57	Peak	247.00	150	Vertical	Pass
1**	1679.600	27.81	-15.22	54.0	-26.19	AV	247.00	150	Vertical	Pass
2	2721.400	41.66	-8.70	74.0	-32.34	Peak	215.00	150	Vertical	Pass
2**	2721.400	31.46	-8.70	54.0	-22.54	AV	215.00	150	Vertical	Pass
3	3749.600	46.50	-4.68	74.0	-27.50	Peak	264.00	150	Vertical	Pass
3**	3749.600	34.77	-4.68	54.0	-19.23	AV	264.00	150	Vertical	Pass
4	5238.600	102.98	-0.94	--	--	Peak	281.00	150	Vertical	N/A
4**	5238.600	96.29	-0.94	--	--	AV	281.00	150	Vertical	N/A
5	11678.200	48.21	20.08	74.0	-25.79	Peak	159.00	150	Vertical	Pass
5**	11678.200	35.79	20.08	54.0	-18.21	AV	159.00	150	Vertical	Pass
6	15469.237	53.78	23.59	74.0	-20.22	Peak	125.00	150	Vertical	Pass
6**	15469.237	42.25	23.59	54.0	-11.75	AV	125.00	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	1682.100	45.02	-15.24	74.0	-28.98	Peak	350.00	150	Horizontal	Pass
1**	1682.100	28.61	-15.24	54.0	-25.39	AV	350.00	150	Horizontal	Pass
2	2836.600	42.54	-8.47	74.0	-31.46	Peak	350.00	150	Horizontal	Pass
2**	2836.600	33.33	-8.47	54.0	-20.67	AV	350.00	150	Horizontal	Pass
3	3923.400	46.42	-4.56	74.0	-27.58	Peak	31.00	150	Horizontal	Pass
3**	3923.400	33.75	-4.56	54.0	-20.25	AV	31.00	150	Horizontal	Pass
4	5205.800	100.08	-0.43	--	--	Peak	287.00	150	Horizontal	N/A
4**	5205.800	92.08	-0.43	--	--	AV	287.00	150	Horizontal	N/A
5	11651.174	47.69	20.38	74.0	-26.31	Peak	105.00	150	Horizontal	Pass
5**	11651.174	36.21	20.38	54.0	-17.79	AV	105.00	150	Horizontal	Pass
6	15660.075	53.60	23.46	74.0	-20.40	Peak	105.00	150	Horizontal	Pass
6**	15660.075	41.39	23.46	54.0	-12.61	AV	105.00	150	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1668.500	45.85	-15.22	74.0	-28.15	Peak	326.00	150	Vertical	Pass
1**	1668.500	28.76	-15.22	54.0	-25.24	AV	326.00	150	Vertical	Pass
2	2828.100	41.67	-8.26	74.0	-32.33	Peak	58.00	150	Vertical	Pass
2**	2828.100	32.20	-8.26	54.0	-21.80	AV	58.00	150	Vertical	Pass
3	3750.000	47.54	-4.66	74.0	-26.46	Peak	229.00	150	Vertical	Pass
3**	3750.000	41.42	-4.66	54.0	-12.58	AV	229.00	150	Vertical	Pass
4	5183.600	100.36	-0.60	--	--	Peak	285.00	150	Vertical	N/A
4**	5183.600	93.34	-0.60	--	--	AV	285.00	150	Vertical	N/A
5	12417.362	48.82	18.97	74.0	-25.18	Peak	49.00	150	Vertical	Pass
5**	12417.362	36.78	18.97	54.0	-17.22	AV	49.00	150	Vertical	Pass
6	15972.712	53.29	24.00	74.0	-20.71	Peak	10.00	150	Vertical	Pass
6**	15972.712	41.62	24.00	54.0	-12.38	AV	10.00	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	1697.000	43.15	-15.29	74.0	-30.85	Peak	347.00	150	Horizontal	Pass
1**	1697.000	27.51	-15.29	54.0	-26.49	AV	347.00	150	Horizontal	Pass
2	2779.100	41.81	-8.51	74.0	-32.19	Peak	286.00	150	Horizontal	Pass
2**	2779.100	32.16	-8.51	54.0	-21.84	AV	286.00	150	Horizontal	Pass
3	4007.400	46.30	-4.51	74.0	-27.70	Peak	105.00	150	Horizontal	Pass
3**	4007.400	34.52	-4.51	54.0	-19.48	AV	105.00	150	Horizontal	Pass
4	5233.000	100.73	-0.63	--	--	Peak	293.00	150	Horizontal	N/A
4**	5233.000	93.85	-0.63	--	--	AV	293.00	150	Horizontal	N/A
5	12066.612	48.92	19.09	74.0	-25.08	Peak	157.00	150	Horizontal	Pass
5**	12066.612	36.26	19.09	54.0	-17.74	AV	157.00	150	Horizontal	Pass
6	15838.312	53.81	23.43	74.0	-20.19	Peak	0.00	150	Horizontal	Pass
6**	15838.312	41.69	23.43	54.0	-12.31	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1695.700	46.66	-15.24	74.0	-27.34	Peak	122.00	150	Vertical	Pass
1**	1695.700	31.96	-15.24	54.0	-22.04	AV	122.00	150	Vertical	Pass
2	3749.800	46.48	-4.67	74.0	-27.52	Peak	240.00	150	Vertical	Pass
2**	3749.800	39.18	-4.67	54.0	-14.82	AV	240.00	150	Vertical	Pass
3	4840.600	50.58	-1.31	74.0	-23.42	Peak	183.00	150	Vertical	Pass
3**	4840.600	36.99	-1.31	54.0	-17.01	AV	183.00	150	Vertical	Pass
4	5223.400	101.16	-0.40	--	--	Peak	278.00	150	Vertical	Pass
4**	5223.400	95.73	-0.40	--	--	AV	278.00	150	Vertical	N/A
5	12333.125	48.78	19.83	74.0	-25.22	Peak	361.00	150	Vertical	Pass
5**	12333.125	36.67	19.83	54.0	-17.33	AV	361.00	150	Vertical	Pass
6	15942.525	53.28	23.91	74.0	-20.72	Peak	362.00	150	Vertical	Pass
6**	15942.525	41.20	23.91	54.0	-12.80	AV	362.00	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	1705.700	43.34	-15.07	74.0	-30.66	Peak	346.00	150	Horizontal	Pass
1**	1705.700	28.96	-15.07	54.0	-25.04	AV	346.00	150	Horizontal	Pass
2	2866.400	41.83	-8.06	74.0	-32.17	Peak	-1.00	150	Horizontal	Pass
2**	2866.400	32.41	-8.06	54.0	-21.59	AV	-1.00	150	Horizontal	Pass
3	4299.400	47.49	-3.60	74.0	-26.51	Peak	167.00	150	Horizontal	Pass
3**	4299.400	35.51	-3.60	54.0	-18.49	AV	167.00	150	Horizontal	Pass
4	5183.600	101.48	-0.60	--	--	Peak	343.00	150	Horizontal	N/A
4**	5183.600	94.75	-0.60	--	--	AV	343.00	150	Horizontal	N/A
5	11567.799	49.28	19.82	74.0	-24.72	Peak	69.00	150	Horizontal	Pass
5**	11567.799	36.17	19.82	54.0	-17.83	AV	69.00	150	Horizontal	Pass
6	15528.563	52.97	23.74	74.0	-21.03	Peak	74.00	150	Horizontal	Pass
6**	15528.563	42.14	23.74	54.0	-11.86	AV	74.00	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	1679.500	49.07	-15.22	74.0	-24.93	Peak	312.00	150	Vertical	Pass
1**	1679.500	31.09	-15.22	54.0	-22.91	AV	312.00	150	Vertical	Pass
2	3750.200	47.64	-4.65	74.0	-26.36	Peak	184.00	150	Vertical	Pass
2**	3750.200	42.84	-4.65	54.0	-11.16	AV	184.00	150	Vertical	Pass
3	4835.400	49.48	-1.29	74.0	-24.52	Peak	184.00	150	Vertical	Pass
3**	4835.400	38.26	-1.29	54.0	-15.74	AV	184.00	150	Vertical	Pass
4	5183.600	103.07	-0.60	--	--	Peak	280.00	150	Vertical	N/A
4**	5183.600	95.77	-0.60	--	--	AV	280.00	150	Vertical	N/A
5	11660.375	48.01	20.27	74.0	-25.99	Peak	134.00	150	Vertical	Pass
5**	11660.375	36.48	20.27	54.0	-17.52	AV	134.00	150	Vertical	Pass
6	15703.650	53.34	23.55	74.0	-20.66	Peak	73.00	150	Vertical	Pass
6**	15703.650	41.02	23.55	54.0	-12.98	AV	73.00	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	1701.600	42.10	-15.22	74.0	-31.90	Peak	-2.00	150	Horizontal	Pass
1**	1701.600	27.30	-15.22	54.0	-26.70	AV	-2.00	150	Horizontal	Pass
2	2814.500	41.76	-8.34	74.0	-32.24	Peak	9.00	150	Horizontal	Pass
2**	2814.500	32.50	-8.34	54.0	-21.50	AV	9.00	150	Horizontal	Pass
3	4165.000	47.06	-3.76	74.0	-26.94	Peak	34.00	150	Horizontal	Pass
3**	4165.000	35.23	-3.76	54.0	-18.77	AV	34.00	150	Horizontal	Pass
4	5221.400	104.43	-0.38	--	--	Peak	321.00	150	Horizontal	N/A
4**	5221.400	97.54	-0.38	--	--	AV	321.00	150	Horizontal	N/A
5	12366.763	48.42	19.56	74.0	-25.58	Peak	228.00	150	Horizontal	Pass
5**	12366.763	37.03	19.56	54.0	-16.97	AV	228.00	150	Horizontal	Pass
6	15656.662	54.33	23.48	74.0	-19.67	Peak	160.00	150	Horizontal	Pass
6**	15656.662	42.38	23.48	54.0	-11.62	AV	160.00	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	1680.100	50.53	-15.22	74.0	-23.47	Peak	321.00	150	Vertical	Pass
1**	1680.100	34.69	-15.22	54.0	-19.31	AV	321.00	150	Vertical	Pass
2	2809.900	41.70	-8.52	74.0	-32.30	Peak	194.00	150	Vertical	Pass
2**	2809.900	31.67	-8.52	54.0	-22.33	AV	194.00	150	Vertical	Pass
3	3750.000	47.45	-4.66	74.0	-26.55	Peak	232.00	150	Vertical	Pass
3**	3750.000	42.16	-4.66	54.0	-11.84	AV	232.00	150	Vertical	Pass
4	5223.800	104.49	-0.41	--	--	Peak	294.00	150	Vertical	N/A
4**	5223.800	96.77	-0.41	--	--	AV	294.00	150	Vertical	N/A
5	12262.688	48.30	20.37	74.0	-25.70	Peak	204.00	150	Vertical	Pass
5**	12262.688	36.74	20.37	54.0	-17.26	AV	204.00	150	Vertical	Pass
6	15599.700	53.35	23.55	74.0	-20.65	Peak	-1.00	150	Vertical	Pass
6**	15599.700	41.46	23.55	54.0	-12.54	AV	-1.00	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	1695.900	44.04	-15.24	74.0	-29.96	Peak	48.00	150	Horizontal	Pass
1**	1695.900	28.89	-15.24	54.0	-25.11	AV	48.00	150	Horizontal	Pass
2	2817.800	41.48	-8.27	74.0	-32.52	Peak	-2.00	150	Horizontal	Pass
2**	2817.800	33.14	-8.27	54.0	-20.86	AV	-2.00	150	Horizontal	Pass
3	4256.600	46.56	-3.14	74.0	-27.44	Peak	317.00	150	Horizontal	Pass
3**	4256.600	34.62	-3.14	54.0	-19.38	AV	317.00	150	Horizontal	Pass
4	5241.800	104.65	-0.93	--	--	Peak	14.00	150	Horizontal	N/A
4**	5241.800	97.69	-0.93	--	--	AV	14.00	150	Horizontal	N/A
5	12330.825	48.44	19.85	74.0	-25.56	Peak	190.00	150	Horizontal	Pass
5**	12330.825	36.59	19.85	54.0	-17.41	AV	190.00	150	Horizontal	Pass
6	16116.037	53.31	24.02	74.0	-20.69	Peak	37.00	150	Horizontal	Pass
6**	16116.037	41.64	24.02	54.0	-12.36	AV	37.00	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	1669.900	47.80	-15.23	74.0	-26.20	Peak	321.00	150	Vertical	Pass
1**	1669.900	30.02	-15.23	54.0	-23.98	AV	321.00	150	Vertical	Pass
2	2800.300	41.69	-8.78	74.0	-32.31	Peak	154.00	150	Vertical	Pass
2**	2800.300	31.46	-8.78	54.0	-22.54	AV	154.00	150	Vertical	Pass
3	3750.000	47.00	-4.66	74.0	-27.00	Peak	248.00	150	Vertical	Pass
3**	3750.000	42.05	-4.66	54.0	-11.95	AV	248.00	150	Vertical	Pass
4	5236.400	102.87	-0.80	--	--	Peak	292.00	150	Vertical	N/A
4**	5236.400	96.83	-0.80	--	--	AV	292.00	150	Vertical	N/A
5	11629.325	48.26	20.30	74.0	-25.74	Peak	61.00	150	Vertical	Pass
5**	11629.325	37.29	20.30	54.0	-16.71	AV	61.00	150	Vertical	Pass
6	15832.275	53.76	23.38	74.0	-20.24	Peak	362.00	150	Vertical	Pass
6**	15832.275	41.63	23.38	54.0	-12.37	AV	362.00	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	1679.300	44.25	-15.22	74.0	-29.75	Peak	187.00	150	Horizontal	Pass
1**	1679.300	27.55	-15.22	54.0	-26.45	AV	187.00	150	Horizontal	Pass
2	2792.900	42.08	-8.85	74.0	-31.92	Peak	208.00	150	Horizontal	Pass
2**	2792.900	32.06	-8.85	54.0	-21.94	AV	208.00	150	Horizontal	Pass
3	3969.400	46.51	-4.16	74.0	-27.49	Peak	125.00	150	Horizontal	Pass
3**	3969.400	34.44	-4.16	54.0	-19.56	AV	125.00	150	Horizontal	Pass
4	5194.400	98.83	-0.65	--	--	Peak	299.00	150	Horizontal	N/A
4**	5194.400	92.36	-0.65	--	--	AV	299.00	150	Horizontal	N/A
5	11802.401	48.10	18.53	74.0	-25.90	Peak	344.00	150	Horizontal	Pass
5**	11802.401	35.61	18.53	54.0	-18.39	AV	344.00	150	Horizontal	Pass
6	15544.313	53.37	23.66	74.0	-20.63	Peak	172.00	150	Horizontal	Pass
6**	15544.313	41.76	23.66	54.0	-12.24	AV	172.00	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	1690.000	48.33	-15.24	74.0	-25.67	Peak	320.00	150	Vertical	Pass
1**	1690.000	31.66	-15.24	54.0	-22.34	AV	320.00	150	Vertical	Pass
2	2760.200	41.93	-8.85	74.0	-32.07	Peak	15.00	150	Vertical	Pass
2**	2760.200	31.26	-8.85	54.0	-22.74	AV	15.00	150	Vertical	Pass
3	4021.600	46.62	-4.04	74.0	-27.38	Peak	0.00	150	Vertical	Pass
3**	4021.600	34.23	-4.04	54.0	-19.77	AV	0.00	150	Vertical	Pass
4	5185.200	99.95	-0.67	--	--	Peak	282.00	150	Vertical	N/A
4**	5185.200	92.94	-0.67	--	--	AV	282.00	150	Vertical	N/A
5	11630.474	48.22	20.30	74.0	-25.78	Peak	133.00	150	Vertical	Pass
5**	11630.474	36.10	20.30	54.0	-17.90	AV	133.00	150	Vertical	Pass
6	15770.063	53.70	23.24	74.0	-20.30	Peak	107.00	150	Vertical	Pass
6**	15770.063	40.38	23.24	54.0	-13.62	AV	107.00	150	Vertical	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1695.500	42.50	-15.24	74.0	-31.50	Peak	28.00	150	Horizontal	Pass
1**	1695.500	26.84	-15.24	54.0	-27.16	AV	28.00	150	Horizontal	Pass
2	2859.600	41.96	-8.00	74.0	-32.04	Peak	184.00	150	Horizontal	Pass
2**	2859.600	31.92	-8.00	54.0	-22.08	AV	184.00	150	Horizontal	Pass
3	4095.400	46.57	-4.44	74.0	-27.43	Peak	14.00	150	Horizontal	Pass
3**	4095.400	33.89	-4.44	54.0	-20.11	AV	14.00	150	Horizontal	Pass
4	5234.000	101.01	-0.74	--	--	Peak	362.00	150	Horizontal	N/A
4**	5234.000	94.22	-0.74	--	--	AV	362.00	150	Horizontal	N/A
5	12304.088	48.72	19.96	74.0	-25.28	Peak	-2.00	150	Horizontal	Pass
5**	12304.088	36.52	19.96	54.0	-17.48	AV	-2.00	150	Horizontal	Pass
6	15607.576	52.67	23.51	74.0	-21.33	Peak	325.00	150	Horizontal	Pass
6**	15607.576	41.59	23.51	54.0	-12.41	AV	325.00	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	1705.600	49.00	-15.07	74.0	-25.00	Peak	320.00	150	Vertical	Pass
1**	1705.600	27.30	-15.07	54.0	-26.70	AV	320.00	150	Vertical	Pass
2	2833.900	42.59	-8.47	74.0	-31.41	Peak	122.00	150	Vertical	Pass
2**	2833.900	32.54	-8.47	54.0	-21.46	AV	122.00	150	Vertical	Pass
3	3749.800	46.94	-4.67	74.0	-27.06	Peak	194.00	150	Vertical	Pass
3**	3749.800	38.72	-4.67	54.0	-15.28	AV	194.00	150	Vertical	Pass
4	5231.600	100.67	-0.51	--	--	Peak	283.00	150	Vertical	N/A
4**	5231.600	93.80	-0.51	--	--	AV	283.00	150	Vertical	N/A
5	12354.400	48.05	19.68	74.0	-25.95	Peak	361.00	150	Vertical	Pass
5**	12354.400	37.03	19.68	54.0	-16.97	AV	361.00	150	Vertical	Pass
6	15939.900	54.39	23.90	74.0	-19.61	Peak	135.00	150	Vertical	Pass
6**	15939.900	41.98	23.90	54.0	-12.02	AV	135.00	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	1679.800	44.22	-15.22	74.0	-29.78	Peak	35.00	150	Horizontal	Pass
1**	1679.800	26.96	-15.22	54.0	-27.04	AV	35.00	150	Horizontal	Pass
2	2863.500	42.26	-8.04	74.0	-31.74	Peak	195.00	150	Horizontal	Pass
2**	2863.500	32.83	-8.04	54.0	-21.17	AV	195.00	150	Horizontal	Pass
3	4267.000	47.24	-3.27	74.0	-26.76	Peak	131.00	150	Horizontal	Pass
3**	4267.000	35.74	-3.27	54.0	-18.26	AV	131.00	150	Horizontal	Pass
4	5222.800	97.34	-0.39	--	--	Peak	362.00	150	Horizontal	N/A
4**	5222.800	90.88	-0.39	--	--	AV	362.00	150	Horizontal	N/A
5	12368.487	48.33	19.53	74.0	-25.67	Peak	-2.00	150	Horizontal	Pass
5**	12368.487	36.37	19.53	54.0	-17.63	AV	-2.00	150	Horizontal	Pass
6	15457.424	53.19	23.50	74.0	-20.81	Peak	63.00	150	Horizontal	Pass
6**	15457.424	42.32	23.50	54.0	-11.68	AV	63.00	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	1681.600	52.45	-15.24	74.0	-21.55	Peak	319.00	150	Vertical	Pass
1**	1681.600	32.64	-15.24	54.0	-21.36	AV	319.00	150	Vertical	Pass
2	2837.300	41.50	-8.47	74.0	-32.50	Peak	-2.00	150	Vertical	Pass
2**	2837.300	31.94	-8.47	54.0	-22.06	AV	-2.00	150	Vertical	Pass
3	3750.000	47.72	-4.66	74.0	-26.28	Peak	226.00	150	Vertical	Pass
3**	3750.000	42.69	-4.66	54.0	-11.31	AV	226.00	150	Vertical	Pass
4	5180.200	97.82	-0.60	--	--	Peak	295.00	150	Vertical	N/A
4**	5180.200	90.40	-0.60	--	--	AV	295.00	150	Vertical	N/A
5	11720.750	48.44	19.44	74.0	-25.56	Peak	248.00	150	Vertical	Pass
5**	11720.750	36.06	19.44	54.0	-17.94	AV	248.00	150	Vertical	Pass
6	15491.025	53.01	23.83	74.0	-20.99	Peak	136.00	150	Vertical	Pass
6**	15491.025	42.82	23.83	54.0	-11.18	AV	136.00	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	1680.500	42.97	-15.23	74.0	-31.03	Peak	53.00	150	Horizontal	Pass
1**	1680.500	28.20	-15.23	54.0	-25.80	AV	53.00	150	Horizontal	Pass
2	3830.000	46.40	-5.43	74.0	-27.60	Peak	-1.00	150	Horizontal	Pass
2**	3830.000	43.10	-5.43	54.0	-10.90	AV	-1.00	150	Horizontal	Pass
3	4804.600	48.98	-1.18	74.0	-25.02	Peak	0.00	150	Horizontal	Pass
3**	4804.600	38.03	-1.18	54.0	-15.97	AV	0.00	150	Horizontal	Pass
4	5747.800	106.51	0.30	--	-183.49	Peak	290.00	150	Horizontal	N/A
4**	5747.800	100.35	0.30	--	100.35	AV	290.00	150	Horizontal	N/A
5	12154.588	48.29	19.98	74.0	-25.71	Peak	-2.00	150	Horizontal	Pass
5**	12154.588	36.96	19.98	54.0	-17.04	AV	-2.00	150	Horizontal	Pass
6	15637.238	53.26	23.55	74.0	-20.74	Peak	71.00	150	Horizontal	Pass
6**	15637.238	41.67	23.55	54.0	-12.33	AV	71.00	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	1695.600	48.50	-15.24	74.0	-25.50	Peak	310.00	150	Vertical	Pass
1**	1695.600	27.34	-15.24	54.0	-26.66	AV	310.00	150	Vertical	Pass
2	3830.000	48.55	-5.43	74.0	-25.45	Peak	74.00	150	Vertical	Pass
2**	3830.000	43.60	-5.43	54.0	-10.40	AV	74.00	150	Vertical	Pass
3	4839.800	50.27	-1.33	74.0	-23.73	Peak	84.00	150	Vertical	Pass
3**	4839.800	37.79	-1.33	54.0	-16.21	AV	84.00	150	Vertical	Pass
4	5745.800	104.63	0.38	--	--	Peak	281.00	150	Vertical	N/A
4**	5745.800	98.42	0.38	--	--	AV	281.00	150	Vertical	N/A
5	12352.963	48.32	19.69	74.0	-25.68	Peak	360.00	150	Vertical	Pass
5**	12352.963	36.57	19.69	54.0	-17.43	AV	360.00	150	Vertical	Pass
6	15655.875	52.69	23.48	74.0	-21.31	Peak	55.00	150	Vertical	Pass
6**	15655.875	41.69	23.48	54.0	-12.31	AV	55.00	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	1683.000	42.65	-15.25	74.0	-31.35	Peak	54.00	150	Horizontal	Pass
1**	1683.000	27.55	-15.25	54.0	-26.45	AV	54.00	150	Horizontal	Pass
2	3856.600	46.69	-5.35	74.0	-27.31	Peak	334.00	150	Horizontal	Pass
2**	3856.600	42.15	-5.35	54.0	-11.85	AV	334.00	150	Horizontal	Pass
3	4793.800	49.37	-1.55	74.0	-24.63	Peak	231.00	150	Horizontal	Pass
3**	4793.800	38.05	-1.55	54.0	-15.95	AV	231.00	150	Horizontal	Pass
4	5788.400	107.95	0.99	--	--	Peak	292.00	150	Horizontal	N/A
4**	5788.400	102.09	0.99	--	--	AV	292.00	150	Horizontal	N/A
5	11890.088	48.07	18.04	74.0	-25.93	Peak	334.00	150	Horizontal	Pass
5**	11890.088	36.45	18.04	54.0	-17.55	AV	334.00	150	Horizontal	Pass
6	15895.276	53.07	23.29	74.0	-20.93	Peak	105.00	150	Horizontal	Pass
6**	15895.276	41.76	23.29	54.0	-12.24	AV	105.00	150	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1679.300	51.95	-15.22	74.0	-22.05	Peak	324.00	150	Vertical	Pass
1**	1679.300	32.61	-15.22	54.0	-21.39	AV	324.00	150	Vertical	Pass
2	3856.600	49.20	-5.35	74.0	-24.80	Peak	75.00	150	Vertical	Pass
2**	3856.600	44.53	-5.35	54.0	-9.47	AV	75.00	150	Vertical	Pass
3	4826.600	49.20	-1.36	74.0	-24.80	Peak	147.00	150	Vertical	Pass
3**	4826.600	37.32	-1.36	54.0	-16.68	AV	147.00	150	Vertical	Pass
4	5789.400	105.78	0.98	--	--	Peak	300.00	150	Vertical	N/A
4**	5789.400	98.37	0.98	--	--	AV	300.00	150	Vertical	N/A
5	12437.200	48.70	18.79	74.0	-25.30	Peak	79.00	150	Vertical	Pass
5**	12437.200	36.97	18.79	54.0	-17.03	AV	79.00	150	Vertical	Pass
6	15496.537	52.88	23.91	74.0	-21.12	Peak	159.00	150	Vertical	Pass
6**	15496.537	41.37	23.91	54.0	-12.63	AV	159.00	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	1682.400	42.35	-15.24	74.0	-31.65	Peak	335.00	150	Horizontal	Pass
1**	1682.400	27.30	-15.24	54.0	-26.70	AV	335.00	150	Horizontal	Pass
2	3883.200	47.32	-5.21	74.0	-26.68	Peak	340.00	150	Horizontal	Pass
2**	3883.200	41.49	-5.21	54.0	-12.51	AV	340.00	150	Horizontal	Pass
3	4984.200	49.25	-1.31	74.0	-24.75	Peak	88.00	150	Horizontal	Pass
3**	4984.200	36.39	-1.31	54.0	-17.61	AV	88.00	150	Horizontal	Pass
4	5823.600	107.27	0.84	--	--	Peak	288.00	150	Horizontal	N/A
4**	5823.600	100.01	0.84	--	--	AV	288.00	150	Horizontal	N/A
5	11744.326	48.46	19.03	74.0	-25.54	Peak	197.00	150	Horizontal	Pass
5**	11744.326	36.25	19.03	54.0	-17.75	AV	197.00	150	Horizontal	Pass
6	15658.762	53.17	23.47	74.0	-20.83	Peak	362.00	150	Horizontal	Pass
6**	15658.762	41.92	23.47	54.0	-12.08	AV	362.00	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	1686.500	45.81	-15.27	74.0	-28.19	Peak	335.00	150	Vertical	Pass
1**	1686.500	33.69	-15.27	54.0	-20.31	AV	335.00	150	Vertical	Pass
2	3883.200	49.47	-5.21	74.0	-24.53	Peak	199.00	150	Vertical	Pass
2**	3883.200	44.23	-5.21	54.0	-9.77	AV	199.00	150	Vertical	Pass
3	5083.600	49.68	0.12	74.0	-24.32	Peak	318.00	150	Vertical	Pass
3**	5083.600	38.63	0.12	54.0	-15.37	AV	318.00	150	Vertical	Pass
4	5818.800	104.83	1.01	--	--	Peak	285.00	150	Vertical	N/A
4**	5818.800	99.28	1.01	--	--	AV	285.00	150	Vertical	N/A
5	12137.050	49.18	19.82	74.0	-24.82	Peak	78.00	150	Vertical	Pass
5**	12137.050	36.38	19.82	54.0	-17.62	AV	78.00	150	Vertical	Pass
6	15668.737	53.12	23.52	74.0	-20.88	Peak	43.00	150	Vertical	Pass
6**	15668.737	41.86	23.52	54.0	-12.14	AV	43.00	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	1680.500	41.79	-15.23	74.0	-32.21	Peak	192.00	150	Horizontal	Pass
1**	1680.500	27.58	-15.23	54.0	-26.42	AV	192.00	150	Horizontal	Pass
2	3829.800	46.31	-5.46	74.0	-27.69	Peak	340.00	150	Horizontal	Pass
2**	3829.800	39.18	-5.46	54.0	-14.82	AV	340.00	150	Horizontal	Pass
3	4817.600	49.31	-1.46	74.0	-24.69	Peak	219.00	150	Horizontal	Pass
3**	4817.600	36.81	-1.46	54.0	-17.19	AV	219.00	150	Horizontal	Pass
4	5748.800	106.36	0.28	--	--	Peak	293.00	150	Horizontal	N/A
4**	5748.800	99.39	0.28	--	--	AV	293.00	150	Horizontal	N/A
5	11556.588	48.11	19.75	74.0	-25.89	Peak	302.00	150	Horizontal	Pass
5**	11556.588	37.38	19.75	54.0	-16.62	AV	302.00	150	Horizontal	Pass
6	15896.325	53.14	23.28	74.0	-20.86	Peak	-1.00	150	Horizontal	Pass
6**	15896.325	41.28	23.28	54.0	-12.72	AV	-1.00	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	1673.800	49.48	-15.33	74.0	-24.52	Peak	325.00	150	Vertical	Pass
1**	1673.800	30.60	-15.33	54.0	-23.40	AV	325.00	150	Vertical	Pass
2	3830.000	48.58	-5.43	74.0	-25.42	Peak	211.00	150	Vertical	Pass
2**	3830.000	43.85	-5.43	54.0	-10.15	AV	211.00	150	Vertical	Pass
3	4999.400	50.48	-0.90	74.0	-23.52	Peak	202.00	150	Vertical	Pass
3**	4999.400	38.87	-0.90	54.0	-15.13	AV	202.00	150	Vertical	Pass
4	5746.200	105.08	0.40	--	--	Peak	283.00	150	Vertical	N/A
4**	5746.200	98.39	0.40	--	--	AV	283.00	150	Vertical	N/A
5	12097.662	48.54	19.38	74.0	-25.46	Peak	192.00	150	Vertical	Pass
5**	12097.662	36.56	19.38	54.0	-17.44	AV	192.00	150	Vertical	Pass
6	15651.675	53.15	23.51	74.0	-20.85	Peak	222.00	150	Vertical	Pass
6**	15651.675	41.30	23.51	54.0	-12.70	AV	222.00	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	1707.200	42.23	-15.07	74.0	-31.77	Peak	196.00	150	Horizontal	Pass
1**	1707.200	28.56	-15.07	54.0	-25.44	AV	196.00	150	Horizontal	Pass
2	3856.600	47.92	-5.35	74.0	-26.08	Peak	330.00	150	Horizontal	Pass
2**	3856.600	42.62	-5.35	54.0	-11.38	AV	330.00	150	Horizontal	Pass
3	5052.800	48.91	-0.92	74.0	-25.09	Peak	330.00	150	Horizontal	Pass
3**	5052.800	36.89	-0.92	54.0	-17.11	AV	330.00	150	Horizontal	Pass
4	5788.800	108.14	1.01	--	--	Peak	287.00	150	Horizontal	N/A
4**	5788.800	101.36	1.01	--	--	AV	287.00	150	Horizontal	N/A
5	12535.525	48.70	18.56	74.0	-25.30	Peak	255.00	150	Horizontal	Pass
5**	12535.525	35.64	18.56	54.0	-18.36	AV	255.00	150	Horizontal	Pass
6	15451.650	52.93	23.41	74.0	-21.07	Peak	155.00	150	Horizontal	Pass
6**	15451.650	42.14	23.41	54.0	-11.86	AV	155.00	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	1686.900	51.27	-15.25	74.0	-22.73	Peak	328.00	150	Vertical	Pass
1**	1686.900	27.75	-15.25	54.0	-26.25	AV	328.00	150	Vertical	Pass
2	3856.600	49.18	-5.35	74.0	-24.82	Peak	200.00	150	Vertical	Pass
2**	3856.600	45.21	-5.35	54.0	-8.79	AV	200.00	150	Vertical	Pass
3	4849.800	49.69	-1.23	74.0	-24.31	Peak	138.00	150	Vertical	Pass
3**	4849.800	38.28	-1.23	54.0	-15.72	AV	138.00	150	Vertical	Pass
4	5788.800	106.34	1.01	--	--	Peak	298.00	150	Vertical	N/A
4**	5788.800	100.86	1.01	--	--	AV	298.00	150	Vertical	N/A
5	12363.888	48.24	19.59	74.0	-25.76	Peak	360.00	150	Vertical	Pass
5**	12363.888	37.10	19.59	54.0	-16.90	AV	360.00	150	Vertical	Pass
6	16090.050	53.41	24.14	74.0	-20.59	Peak	52.00	150	Vertical	Pass
6**	16090.050	41.14	24.14	54.0	-12.86	AV	52.00	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	1678.600	42.18	-15.23	74.0	-31.82	Peak	299.00	150	Horizontal	Pass
1**	1678.600	28.72	-15.23	54.0	-25.28	AV	299.00	150	Horizontal	Pass
2	3883.400	48.00	-5.22	74.0	-26.00	Peak	350.00	150	Horizontal	Pass
2**	3883.400	45.10	-5.22	54.0	-8.90	AV	350.00	150	Horizontal	Pass
3	5101.200	50.08	-0.08	74.0	-23.92	Peak	360.00	150	Horizontal	Pass
3**	5101.200	37.43	-0.08	54.0	-16.57	AV	360.00	150	Horizontal	Pass
4	5826.400	107.83	0.80	--	--	Peak	286.00	150	Horizontal	N/A
4**	5826.400	100.57	0.80	--	--	AV	286.00	150	Horizontal	N/A
5	11657.500	48.42	20.30	74.0	-25.58	Peak	334.00	150	Horizontal	Pass
5**	11657.500	36.96	20.30	54.0	-17.04	AV	334.00	150	Horizontal	Pass
6	15676.613	53.19	23.57	74.0	-20.81	Peak	173.00	150	Horizontal	Pass
6**	15676.613	41.59	23.57	54.0	-12.41	AV	173.00	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	1673.700	49.06	-15.34	74.0	-24.94	Peak	333.00	150	Vertical	Pass
1**	1673.700	32.40	-15.34	54.0	-21.60	AV	333.00	150	Vertical	Pass
2	3883.400	49.47	-5.22	74.0	-24.53	Peak	194.00	150	Vertical	Pass
2**	3883.400	47.24	-5.22	54.0	-6.76	AV	194.00	150	Vertical	Pass
3	4842.400	50.01	-1.29	74.0	-23.99	Peak	176.00	150	Vertical	Pass
3**	4842.400	37.73	-1.29	54.0	-16.27	AV	176.00	150	Vertical	Pass
4	5828.800	105.91	0.94	--	--	Peak	274.00	150	Vertical	N/A
4**	5828.800	98.57	0.94	--	--	AV	274.00	150	Vertical	N/A
5	12206.050	48.92	20.44	74.0	-25.08	Peak	60.00	150	Vertical	Pass
5**	12206.050	36.62	20.44	54.0	-17.38	AV	60.00	150	Vertical	Pass
6	15478.688	53.72	23.64	74.0	-20.28	Peak	235.00	150	Vertical	Pass
6**	15478.688	41.46	23.64	54.0	-12.54	AV	235.00	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	1680.800	42.04	-15.23	74.0	-31.96	Peak	39.00	150	Horizontal	Pass
1**	1680.800	28.63	-15.23	54.0	-25.37	AV	39.00	150	Horizontal	Pass
2	3836.600	46.36	-5.29	74.0	-27.64	Peak	172.00	150	Horizontal	Pass
2**	3836.600	41.57	-5.29	54.0	-12.43	AV	172.00	150	Horizontal	Pass
3	5059.200	49.79	-0.54	74.0	-24.21	Peak	189.00	150	Horizontal	Pass
3**	5059.200	38.33	-0.54	54.0	-15.67	AV	189.00	150	Horizontal	Pass
4	5756.200	103.53	0.58	--	--	Peak	294.00	150	Horizontal	Pass
4**	5756.200	96.66	0.58	--	--	AV	294.00	150	Horizontal	N/A
5	12135.037	48.56	19.80	74.0	-25.44	Peak	-2.00	150	Horizontal	Pass
5**	12135.037	35.82	19.80	54.0	-18.18	AV	-2.00	150	Horizontal	Pass
6	15441.150	53.05	23.27	74.0	-20.95	Peak	362.00	150	Horizontal	Pass
6**	15441.150	41.88	23.27	54.0	-12.12	AV	362.00	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	1686.800	45.97	-15.26	74.0	-28.03	Peak	327.00	150	Vertical	Pass
1**	1686.800	29.58	-15.26	54.0	-24.42	AV	327.00	150	Vertical	Pass
2	3836.800	48.28	-5.29	74.0	-25.72	Peak	74.00	150	Vertical	Pass
2**	3836.800	45.02	-5.29	54.0	-8.98	AV	74.00	150	Vertical	Pass
3	4834.000	49.72	-1.32	74.0	-24.28	Peak	170.00	150	Vertical	Pass
3**	4834.000	37.35	-1.32	54.0	-16.65	AV	170.00	150	Vertical	Pass
4	5753.200	102.24	0.49	--	--	Peak	275.00	150	Vertical	Pass
4**	5753.200	94.82	0.49	--	--	AV	275.00	150	Vertical	N/A
5	12253.776	48.36	20.43	74.0	-25.64	Peak	72.00	150	Vertical	Pass
5**	12253.776	36.11	20.43	54.0	-17.89	AV	72.00	150	Vertical	Pass
6	15543.000	53.59	23.67	74.0	-20.41	Peak	0.00	150	Vertical	Pass
6**	15543.000	41.35	23.67	54.0	-12.65	AV	0.00	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	1688.500	41.84	-15.25	74.0	-32.16	Peak	143.00	150	Horizontal	Pass
1**	1688.500	26.97	-15.25	54.0	-27.03	AV	143.00	150	Horizontal	Pass
2	3863.200	47.63	-5.11	74.0	-26.37	Peak	346.00	150	Horizontal	Pass
2**	3863.200	41.75	-5.11	54.0	-12.25	AV	346.00	150	Horizontal	Pass
3	4916.200	49.26	-1.13	74.0	-24.74	Peak	204.00	150	Horizontal	Pass
3**	4916.200	36.08	-1.13	54.0	-17.92	AV	204.00	150	Horizontal	Pass
4	5791.800	103.71	0.99	--	--	Peak	289.00	150	Horizontal	N/A
4**	5791.800	97.11	0.99	--	--	AV	289.00	150	Horizontal	N/A
5	12155.737	48.43	19.99	74.0	-25.57	Peak	236.00	150	Horizontal	Pass
5**	12155.737	36.70	19.99	54.0	-17.30	AV	236.00	150	Horizontal	Pass
6	15498.112	52.77	23.94	74.0	-21.23	Peak	255.00	150	Horizontal	Pass
6**	15498.112	41.58	23.94	54.0	-12.42	AV	255.00	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	1697.000	46.40	-15.29	74.0	-27.60	Peak	323.00	150	Vertical	Pass
1**	1697.000	27.81	-15.29	54.0	-26.19	AV	323.00	150	Vertical	Pass
2	3863.200	48.98	-5.11	74.0	-25.02	Peak	234.00	150	Vertical	Pass
2**	3863.200	44.32	-5.11	54.0	-9.68	AV	234.00	150	Vertical	Pass
3	4829.000	49.53	-1.44	74.0	-24.47	Peak	146.00	150	Vertical	Pass
3**	4829.000	38.72	-1.44	54.0	-15.28	AV	146.00	150	Vertical	Pass
4	5790.000	103.30	0.95	--	--	Peak	304.00	150	Vertical	N/A
4**	5790.000	97.29	0.95	--	--	AV	304.00	150	Vertical	N/A
5	12335.138	47.99	19.82	74.0	-26.01	Peak	78.00	150	Vertical	Pass
5**	12335.138	36.48	19.82	54.0	-17.52	AV	78.00	150	Vertical	Pass
6	16084.537	53.65	24.08	74.0	-20.35	Peak	50.00	150	Vertical	Pass
6**	16084.537	42.02	24.08	54.0	-11.98	AV	50.00	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	1680.700	41.16	-15.23	74.0	-32.84	Peak	201.00	150	Horizontal	Pass
1**	1680.700	28.33	-15.23	54.0	-25.67	AV	201.00	150	Horizontal	Pass
2	3830.000	46.10	-5.43	74.0	-27.90	Peak	339.00	150	Horizontal	Pass
2**	3830.000	41.71	-5.43	54.0	-12.29	AV	339.00	150	Horizontal	Pass
3	5043.400	49.92	-0.92	74.0	-24.08	Peak	185.00	150	Horizontal	Pass
3**	5043.400	37.21	-0.92	54.0	-16.79	AV	185.00	150	Horizontal	Pass
4	5746.600	106.41	0.38	--	--	Peak	293.00	150	Horizontal	N/A
4**	5746.600	99.43	0.38	--	--	AV	293.00	150	Horizontal	N/A
5	9113.987	48.39	17.95	74.0	-25.61	Peak	208.00	150	Horizontal	Pass
5**	9113.987	35.33	17.95	54.0	-18.67	AV	208.00	150	Horizontal	Pass
6	15714.938	52.96	23.49	74.0	-21.04	Peak	-1.00	150	Horizontal	Pass
6**	15714.938	41.44	23.49	54.0	-12.56	AV	-1.00	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	1678.900	54.79	-15.22	74.0	-19.21	Peak	320.00	150	Vertical	Pass
1**	1678.900	33.92	-15.22	54.0	-20.08	AV	320.00	150	Vertical	Pass
2	3830.000	47.70	-5.43	74.0	-26.30	Peak	220.00	150	Vertical	Pass
2**	3830.000	43.66	-5.43	54.0	-10.34	AV	220.00	150	Vertical	Pass
3	5056.000	50.38	-0.90	74.0	-23.62	Peak	-1.00	150	Vertical	Pass
3**	5056.000	37.12	-0.90	54.0	-16.88	AV	-1.00	150	Vertical	Pass
4	5743.800	105.06	0.15	--	--	Peak	281.00	150	Vertical	N/A
4**	5743.800	97.78	0.15	--	--	AV	281.00	150	Vertical	N/A
5	12218.988	49.14	20.45	74.0	-24.86	Peak	1.00	150	Vertical	Pass
5**	12218.988	36.86	20.45	54.0	-17.14	AV	1.00	150	Vertical	Pass
6	15985.575	52.65	24.01	74.0	-21.35	Peak	302.00	150	Vertical	Pass
6**	15985.575	41.96	24.01	54.0	-12.04	AV	302.00	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	1683.600	42.36	-15.26	74.0	-31.64	Peak	58.00	150	Horizontal	Pass
1**	1683.600	27.12	-15.26	54.0	-26.88	AV	58.00	150	Horizontal	Pass
2	3856.800	46.32	-5.35	74.0	-27.68	Peak	346.00	150	Horizontal	Pass
2**	3856.800	43.72	-5.35	54.0	-10.28	AV	346.00	150	Horizontal	Pass
3	4817.200	49.38	-1.44	74.0	-24.62	Peak	8.00	150	Horizontal	Pass
3**	4817.200	37.58	-1.44	54.0	-16.42	AV	8.00	150	Horizontal	Pass
4	5789.000	107.63	1.00	--	--	Peak	293.00	150	Horizontal	N/A
4**	5789.000	100.80	1.00	--	--	AV	293.00	150	Horizontal	N/A
5	11703.788	47.86	19.75	74.0	-26.14	Peak	46.00	150	Horizontal	Pass
5**	11703.788	36.11	19.75	54.0	-17.89	AV	46.00	150	Horizontal	Pass
6	15711.263	53.16	23.51	74.0	-20.84	Peak	45.00	150	Horizontal	Pass
6**	15711.263	41.66	23.51	54.0	-12.34	AV	45.00	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	1667.600	48.89	-15.21	74.0	-25.11	Peak	321.00	150	Vertical	Pass
1**	1667.600	29.03	-15.21	54.0	-24.97	AV	321.00	150	Vertical	Pass
2	3856.800	48.95	-5.35	74.0	-25.05	Peak	262.00	150	Vertical	Pass
2**	3856.800	45.94	-5.35	54.0	-8.06	AV	262.00	150	Vertical	Pass
3	4842.800	50.37	-1.29	74.0	-23.63	Peak	87.00	150	Vertical	Pass
3**	4842.800	37.16	-1.29	54.0	-16.84	AV	87.00	150	Vertical	Pass
4	5789.800	106.00	0.96	--	--	Peak	297.00	150	Vertical	N/A
4**	5789.800	99.56	0.96	--	--	AV	297.00	150	Vertical	N/A
5	11888.650	48.64	18.05	74.0	-25.36	Peak	142.00	150	Vertical	Pass
5**	11888.650	37.48	18.05	54.0	-16.52	AV	142.00	150	Vertical	Pass
6	16138.350	53.05	24.13	74.0	-20.95	Peak	231.00	150	Vertical	Pass
6**	16138.350	42.18	24.13	54.0	-11.82	AV	231.00	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	1682.500	39.63	-15.24	74.0	-34.37	Peak	330.00	150	Horizontal	Pass
1**	1682.500	28.93	-15.24	54.0	-25.07	AV	330.00	150	Horizontal	Pass
2	3883.400	47.39	-5.22	74.0	-26.61	Peak	348.00	150	Horizontal	Pass
2**	3883.400	44.00	-5.22	54.0	-10.00	AV	348.00	150	Horizontal	Pass
3	4838.600	48.85	-1.35	74.0	-25.15	Peak	24.00	150	Horizontal	Pass
3**	4838.600	37.13	-1.35	54.0	-16.87	AV	24.00	150	Horizontal	Pass
4	5820.600	106.56	0.92	--	--	Peak	292.00	150	Horizontal	N/A
4**	5820.600	99.30	0.92	--	--	AV	292.00	150	Horizontal	N/A
5	12330.825	48.50	19.85	74.0	-25.50	Peak	302.00	150	Horizontal	Pass
5**	12330.825	36.93	19.85	54.0	-17.07	AV	302.00	150	Horizontal	Pass
6	15480.526	52.48	23.66	74.0	-21.52	Peak	131.00	150	Horizontal	Pass
6**	15480.526	42.95	23.66	54.0	-11.05	AV	131.00	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	1686.100	47.08	-15.28	74.0	-26.92	Peak	340.00	150	Vertical	Pass
1**	1686.100	36.39	-15.28	54.0	-17.61	AV	340.00	150	Vertical	Pass
2	3883.200	49.57	-5.21	74.0	-24.43	Peak	247.00	150	Vertical	Pass
2**	3883.200	45.43	-5.21	54.0	-8.57	AV	247.00	150	Vertical	Pass
3	4840.000	49.95	-1.33	74.0	-24.05	Peak	34.00	150	Vertical	Pass
3**	4840.000	37.50	-1.33	54.0	-16.50	AV	34.00	150	Vertical	Pass
4	5820.000	105.45	0.95	--	--	Peak	282.00	150	Vertical	N/A
4**	5820.000	99.07	0.95	--	--	AV	282.00	150	Vertical	N/A
5	11578.438	48.97	19.88	74.0	-25.03	Peak	206.00	150	Vertical	Pass
5**	11578.438	35.98	19.88	54.0	-18.02	AV	206.00	150	Vertical	Pass
6	15922.312	52.97	23.68	74.0	-21.03	Peak	215.00	150	Vertical	Pass
6**	15922.312	41.43	23.68	54.0	-12.57	AV	215.00	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	1682.200	42.73	-15.24	74.0	-31.27	Peak	134.00	150	Horizontal	Pass
1**	1682.200	29.11	-15.24	54.0	-24.89	AV	134.00	150	Horizontal	Pass
2	3836.600	47.00	-5.29	74.0	-27.00	Peak	332.00	150	Horizontal	Pass
2**	3836.600	41.43	-5.29	54.0	-12.57	AV	332.00	150	Horizontal	Pass
3	5049.800	49.76	-0.84	74.0	-24.24	Peak	155.00	150	Horizontal	Pass
3**	5049.800	37.46	-0.84	54.0	-16.54	AV	155.00	150	Horizontal	Pass
4	5756.400	103.51	0.60	--	--	Peak	306.00	150	Horizontal	N/A
4**	5756.400	96.42	0.60	--	--	AV	306.00	150	Horizontal	N/A
5	12154.588	47.93	19.98	74.0	-26.07	Peak	335.00	150	Horizontal	Pass
5**	12154.588	36.86	19.98	54.0	-17.14	AV	335.00	150	Horizontal	Pass
6	15743.025	53.35	23.45	74.0	-20.65	Peak	60.00	150	Horizontal	Pass
6**	15743.025	42.81	23.45	54.0	-11.19	AV	60.00	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	1695.300	47.05	-15.23	74.0	-26.95	Peak	332.00	150	Vertical	Pass
1**	1695.300	32.56	-15.23	54.0	-21.44	AV	332.00	150	Vertical	Pass
2	3836.600	48.20	-5.29	74.0	-25.80	Peak	254.00	150	Vertical	Pass
2**	3836.600	43.70	-5.29	54.0	-10.30	AV	254.00	150	Vertical	Pass
3	4847.600	49.70	-1.31	74.0	-24.30	Peak	183.00	150	Vertical	Pass
3**	4847.600	36.74	-1.31	54.0	-17.26	AV	183.00	150	Vertical	Pass
4	5753.400	102.45	0.49	--	--	Peak	280.00	150	Vertical	N/A
4**	5753.400	95.03	0.49	--	--	AV	280.00	150	Vertical	N/A
5	12339.738	48.42	19.78	74.0	-25.58	Peak	112.00	150	Vertical	Pass
5**	12339.738	37.00	19.78	54.0	-17.00	AV	112.00	150	Vertical	Pass
6	15700.763	53.26	23.57	74.0	-20.74	Peak	349.00	150	Vertical	Pass
6**	15700.763	42.05	23.57	54.0	-11.95	AV	349.00	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	1681.000	43.66	-15.23	74.0	-30.34	Peak	329.00	150	Horizontal	Pass
1**	1681.000	27.11	-15.23	54.0	-26.89	AV	329.00	150	Horizontal	Pass
2	3863.400	46.85	-5.09	74.0	-27.15	Peak	327.00	150	Horizontal	Pass
2**	3863.400	44.04	-5.09	54.0	-9.96	AV	327.00	150	Horizontal	Pass
3	4886.400	49.16	-0.98	74.0	-24.84	Peak	192.00	150	Horizontal	Pass
3**	4886.400	36.99	-0.98	54.0	-17.01	AV	192.00	150	Horizontal	Pass
4	5789.600	104.26	0.97	--	--	Peak	291.00	150	Horizontal	N/A
4**	5789.600	96.81	0.97	--	--	AV	291.00	150	Horizontal	N/A
5	12410.463	48.12	19.06	74.0	-25.88	Peak	-2.00	150	Horizontal	Pass
5**	12410.463	35.63	19.06	54.0	-18.37	AV	-2.00	150	Horizontal	Pass
6	15828.076	53.98	23.34	74.0	-20.02	Peak	362.00	150	Horizontal	Pass
6**	15828.076	41.93	23.34	54.0	-12.07	AV	362.00	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	1676.900	47.45	-15.32	74.0	-26.55	Peak	330.00	150	Vertical	Pass
1**	1676.900	27.35	-15.32	54.0	-26.65	AV	330.00	150	Vertical	Pass
2	3863.400	48.54	-5.09	74.0	-25.46	Peak	263.00	150	Vertical	Pass
2**	3863.400	45.90	-5.09	54.0	-8.10	AV	263.00	150	Vertical	Pass
3	4880.600	49.35	-1.22	74.0	-24.65	Peak	165.00	150	Vertical	Pass
3**	4880.600	36.92	-1.22	54.0	-17.08	AV	165.00	150	Vertical	Pass
4	5790.200	102.75	0.94	--	--	Peak	298.00	150	Vertical	N/A
4**	5790.200	95.44	0.94	--	--	AV	298.00	150	Vertical	N/A
5	12352.099	47.71	19.70	74.0	-26.29	Peak	174.00	150	Vertical	Pass
5**	12352.099	37.18	19.70	54.0	-16.82	AV	174.00	150	Vertical	Pass
6	15947.250	52.81	23.94	74.0	-21.19	Peak	26.00	150	Vertical	Pass
6**	15947.250	41.05	23.94	54.0	-12.95	AV	26.00	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	1679.900	44.24	-15.22	74.0	-29.76	Peak	39.00	150	Horizontal	Pass
1**	1679.900	27.45	-15.22	54.0	-26.55	AV	39.00	150	Horizontal	Pass
2	3850.000	46.84	-5.23	74.0	-27.16	Peak	344.00	150	Horizontal	Pass
2**	3850.000	43.18	-5.23	54.0	-10.82	AV	344.00	150	Horizontal	Pass
3	5074.400	50.32	-0.31	74.0	-23.68	Peak	360.00	150	Horizontal	Pass
3**	5074.400	37.80	-0.31	54.0	-16.20	AV	360.00	150	Horizontal	Pass
4	5781.600	101.51	1.04	--	--	Peak	289.00	150	Horizontal	N/A
4**	5781.600	93.62	1.04	--	--	AV	289.00	150	Horizontal	N/A
5	11791.762	48.18	18.61	74.0	-25.82	Peak	159.00	150	Horizontal	Pass
5**	11791.762	35.70	18.61	54.0	-18.30	AV	159.00	150	Horizontal	Pass
6	15767.437	54.09	23.25	74.0	-19.91	Peak	26.00	150	Horizontal	Pass
6**	15767.437	43.11	23.25	54.0	-10.89	AV	26.00	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	1662.200	49.79	-15.28	74.0	-24.21	Peak	332.00	150	Vertical	Pass
1**	1662.200	38.40	-15.28	54.0	-15.60	AV	332.00	150	Vertical	Pass
2	3850.000	48.59	-5.23	74.0	-25.41	Peak	75.00	150	Vertical	Pass
2**	3850.000	44.56	-5.23	54.0	-9.44	AV	75.00	150	Vertical	Pass
3	5049.800	49.27	-0.84	74.0	-24.73	Peak	157.00	150	Vertical	Pass
3**	5049.800	38.32	-0.84	54.0	-15.68	AV	157.00	150	Vertical	Pass
4	5809.000	99.00	0.80	--	--	Peak	279.00	150	Vertical	N/A
4**	5809.000	93.11	0.80	--	--	AV	279.00	150	Vertical	N/A
5	11742.888	48.71	19.05	74.0	-25.29	Peak	254.00	150	Vertical	Pass
5**	11742.888	35.59	19.05	54.0	-18.41	AV	254.00	150	Vertical	Pass
6	15619.912	53.46	23.45	74.0	-20.54	Peak	9.00	150	Vertical	Pass
6**	15619.912	41.36	23.45	54.0	-12.64	AV	9.00	150	Vertical	Pass

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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	1681.000	42.59	-15.23	74.0	-31.41	Peak	34.00	150	Horizontal	Pass
1**	1681.000	28.55	-15.23	54.0	-25.45	AV	34.00	150	Horizontal	Pass
2	2862.400	41.67	-8.03	74.0	-32.33	Peak	150.00	150	Horizontal	Pass
2**	2862.400	32.35	-8.03	54.0	-21.65	AV	150.00	150	Horizontal	Pass
3	3991.600	46.22	-4.47	74.0	-27.78	Peak	349.00	150	Horizontal	Pass
3**	3991.600	36.51	-4.47	54.0	-17.49	AV	349.00	150	Horizontal	Pass
4	5176.200	106.95	-0.53	--	--	Peak	0.00	150	Horizontal	N/A
4**	5176.200	100.85	-0.53	--	--	AV	0.00	150	Horizontal	N/A
5	12401.263	49.26	19.18	74.0	-24.74	Peak	221.00	150	Horizontal	Pass
5**	12401.263	35.95	19.18	54.0	-18.05	AV	221.00	150	Horizontal	Pass
6	15469.500	53.32	23.59	74.0	-20.68	Peak	315.00	150	Horizontal	Pass
6**	15469.500	42.09	23.59	54.0	-11.91	AV	315.00	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	1678.700	47.30	-15.23	74.0	-26.70	Peak	320.00	150	Vertical	Pass
1**	1678.700	33.31	-15.23	54.0	-20.69	AV	320.00	150	Vertical	Pass
2	2752.500	42.25	-8.96	74.0	-31.75	Peak	251.00	150	Vertical	Pass
2**	2752.500	32.28	-8.96	54.0	-21.72	AV	251.00	150	Vertical	Pass
3	3750.000	47.54	-4.66	74.0	-26.46	Peak	253.00	150	Vertical	Pass
3**	3750.000	41.87	-4.66	54.0	-12.13	AV	253.00	150	Vertical	Pass
4	5176.000	105.12	-0.54	--	--	Peak	277.00	150	Vertical	N/A
4**	5176.000	98.32	-0.54	--	--	AV	277.00	150	Vertical	N/A
5	11560.901	48.23	19.78	74.0	-25.77	Peak	220.00	150	Vertical	Pass
5**	11560.901	36.82	19.78	54.0	-17.18	AV	220.00	150	Vertical	Pass
6	15534.338	54.67	23.72	74.0	-19.33	Peak	17.00	150	Vertical	Pass
6**	15534.338	41.68	23.72	54.0	-12.32	AV	17.00	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	1677.800	43.25	-15.27	74.0	-30.75	Peak	193.00	150	Horizontal	Pass
1**	1677.800	28.37	-15.27	54.0	-25.63	AV	193.00	150	Horizontal	Pass
2	2731.300	41.53	-8.66	74.0	-32.47	Peak	167.00	150	Horizontal	Pass
2**	2731.300	32.44	-8.66	54.0	-21.56	AV	167.00	150	Horizontal	Pass
3	4156.000	47.18	-3.51	74.0	-26.82	Peak	232.00	150	Horizontal	Pass
3**	4156.000	34.08	-3.51	54.0	-19.92	AV	232.00	150	Horizontal	Pass
4	5216.200	108.24	-0.29	--	--	Peak	302.00	150	Horizontal	N/A
4**	5216.200	101.73	-0.29	--	--	AV	302.00	150	Horizontal	N/A
5	12316.738	48.19	19.93	74.0	-25.81	Peak	75.00	150	Horizontal	Pass
5**	12316.738	36.31	19.93	54.0	-17.69	AV	75.00	150	Horizontal	Pass
6	16151.474	53.31	24.01	74.0	-20.69	Peak	340.00	150	Horizontal	Pass
6**	16151.474	41.63	24.01	54.0	-12.37	AV	340.00	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	1679.300	49.85	-15.22	74.0	-24.15	Peak	318.00	150	Vertical	Pass
1**	1679.300	31.25	-15.22	54.0	-22.75	AV	318.00	150	Vertical	Pass
2	2865.600	41.99	-8.05	74.0	-32.01	Peak	-2.00	150	Vertical	Pass
2**	2865.600	32.30	-8.05	54.0	-21.70	AV	-2.00	150	Vertical	Pass
3	3750.000	47.16	-4.66	74.0	-26.84	Peak	210.00	150	Vertical	Pass
3**	3750.000	41.57	-4.66	54.0	-12.43	AV	210.00	150	Vertical	Pass
4	5216.400	106.52	-0.30	--	--	Peak	282.00	150	Vertical	N/A
4**	5216.400	100.74	-0.30	--	--	AV	282.00	150	Vertical	N/A
5	12311.562	49.95	19.95	74.0	-24.05	Peak	46.00	150	Vertical	Pass
5**	12311.562	36.94	19.95	54.0	-17.06	AV	46.00	150	Vertical	Pass
6	15963.787	53.74	23.99	74.0	-20.26	Peak	362.00	150	Vertical	Pass
6**	15963.787	41.92	23.99	54.0	-12.08	AV	362.00	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	1699.400	42.50	-15.30	74.0	-31.50	Peak	193.00	150	Horizontal	Pass
1**	1699.400	28.67	-15.30	54.0	-25.33	AV	193.00	150	Horizontal	Pass
2	2866.600	42.46	-8.06	74.0	-31.54	Peak	340.00	150	Horizontal	Pass
2**	2866.600	33.48	-8.06	54.0	-20.52	AV	340.00	150	Horizontal	Pass
3	3979.200	46.78	-4.05	74.0	-27.22	Peak	285.00	150	Horizontal	Pass
3**	3979.200	34.29	-4.05	54.0	-19.71	AV	285.00	150	Horizontal	Pass
4	5236.200	109.40	-0.78	--	--	Peak	362.00	150	Horizontal	N/A
4**	5236.200	102.61	-0.78	--	--	AV	362.00	150	Horizontal	N/A
5	11619.262	48.15	20.23	74.0	-25.85	Peak	230.00	150	Horizontal	Pass
5**	11619.262	36.85	20.23	54.0	-17.15	AV	230.00	150	Horizontal	Pass
6	15740.401	52.86	23.48	74.0	-21.14	Peak	354.00	150	Horizontal	Pass
6**	15740.401	41.64	23.48	54.0	-12.36	AV	354.00	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	1680.900	47.77	-15.23	74.0	-26.23	Peak	235.00	150	Vertical	Pass
1**	1680.900	30.81	-15.23	54.0	-23.19	AV	235.00	150	Vertical	Pass
2	2884.200	41.78	-8.32	74.0	-32.22	Peak	235.00	150	Vertical	Pass
2**	2884.200	32.41	-8.32	54.0	-21.59	AV	235.00	150	Vertical	Pass
3	3750.000	46.53	-4.66	74.0	-27.47	Peak	188.00	150	Vertical	Pass
3**	3750.000	41.55	-4.66	54.0	-12.45	AV	188.00	150	Vertical	Pass
4	5233.000	106.61	-0.63	--	--	Peak	286.00	150	Vertical	N/A
4**	5233.000	100.21	-0.63	--	--	AV	286.00	150	Vertical	N/A
5	11858.175	48.28	18.09	74.0	-25.72	Peak	340.00	150	Vertical	Pass
5**	11858.175	36.56	18.09	54.0	-17.44	AV	340.00	150	Vertical	Pass
6	15523.838	52.93	23.76	74.0	-21.07	Peak	300.00	150	Vertical	Pass
6**	15523.838	42.56	23.76	54.0	-11.44	AV	300.00	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	1685.300	42.01	-15.30	74.0	-31.99	Peak	49.00	150	Horizontal	Pass
1**	1685.300	27.22	-15.30	54.0	-26.78	AV	49.00	150	Horizontal	Pass
2	2835.200	42.63	-8.47	74.0	-31.37	Peak	244.00	150	Horizontal	Pass
2**	2835.200	32.40	-8.47	54.0	-21.60	AV	244.00	150	Horizontal	Pass
3	4201.600	46.06	-4.04	74.0	-27.94	Peak	18.00	150	Horizontal	Pass
3**	4201.600	35.80	-4.04	54.0	-18.20	AV	18.00	150	Horizontal	Pass
4	5206.600	105.10	-0.39	--	--	Peak	362.00	150	Horizontal	N/A
4**	5206.600	98.07	-0.39	--	--	AV	362.00	150	Horizontal	N/A
5	11569.237	48.11	19.83	74.0	-25.89	Peak	63.00	150	Horizontal	Pass
5**	11569.237	35.80	19.83	54.0	-18.20	AV	63.00	150	Horizontal	Pass
6	15753.000	53.13	23.33	74.0	-20.87	Peak	350.00	150	Horizontal	Pass
6**	15753.000	41.92	23.33	54.0	-12.08	AV	350.00	150	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1685.000	46.27	-15.29	74.0	-27.73	Peak	244.00	150	Vertical	Pass
1**	1685.000	35.48	-15.29	54.0	-18.52	AV	244.00	150	Vertical	Pass
2	2747.400	41.77	-8.83	74.0	-32.23	Peak	0.00	150	Vertical	Pass
2**	2747.400	31.96	-8.83	54.0	-22.04	AV	0.00	150	Vertical	Pass
3	3750.000	47.05	-4.66	74.0	-26.95	Peak	269.00	150	Vertical	Pass
3**	3750.000	41.85	-4.66	54.0	-12.15	AV	269.00	150	Vertical	Pass
4	5201.800	103.17	-0.46	--	--	Peak	294.00	150	Vertical	N/A
4**	5201.800	96.35	-0.46	--	--	AV	294.00	150	Vertical	N/A
5	11573.550	49.04	19.85	74.0	-24.96	Peak	35.00	150	Vertical	Pass
5**	11573.550	36.66	19.85	54.0	-17.34	AV	35.00	150	Vertical	Pass
6	15974.287	53.23	24.00	74.0	-20.77	Peak	-1.00	150	Vertical	Pass
6**	15974.287	40.92	24.00	54.0	-13.08	AV	-1.00	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	1694.600	42.35	-15.22	74.0	-31.65	Peak	341.00	150	Horizontal	Pass
1**	1694.600	27.53	-15.22	54.0	-26.47	AV	341.00	150	Horizontal	Pass
2	2817.200	42.54	-8.29	74.0	-31.46	Peak	114.00	150	Horizontal	Pass
2**	2817.200	31.11	-8.29	54.0	-22.89	AV	114.00	150	Horizontal	Pass
3	4127.000	46.90	-3.95	74.0	-27.10	Peak	-1.00	150	Horizontal	Pass
3**	4127.000	35.93	-3.95	54.0	-18.07	AV	-1.00	150	Horizontal	Pass
4	5224.800	105.25	-0.45	--	--	Peak	362.00	150	Horizontal	N/A
4**	5224.800	99.30	-0.45	--	--	AV	362.00	150	Horizontal	N/A
5	12324.500	48.59	19.89	74.0	-25.41	Peak	187.00	150	Horizontal	Pass
5**	12324.500	37.73	19.89	54.0	-16.27	AV	187.00	150	Horizontal	Pass
6	15879.262	53.13	23.35	74.0	-20.87	Peak	255.00	150	Horizontal	Pass
6**	15879.262	43.00	23.35	54.0	-11.00	AV	255.00	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	1689.300	46.78	-15.25	74.0	-27.22	Peak	318.00	150	Vertical	Pass
1**	1689.300	36.01	-15.25	54.0	-17.99	AV	318.00	150	Vertical	Pass
2	2878.600	42.58	-8.30	74.0	-31.42	Peak	193.00	150	Vertical	Pass
2**	2878.600	31.67	-8.30	54.0	-22.33	AV	193.00	150	Vertical	Pass
3	3749.800	47.34	-4.67	74.0	-26.66	Peak	220.00	150	Vertical	Pass
3**	3749.800	38.13	-4.67	54.0	-15.87	AV	220.00	150	Vertical	Pass
4	5225.000	104.73	-0.45	--	--	Peak	294.00	150	Vertical	N/A
4**	5225.000	98.23	-0.45	--	--	AV	294.00	150	Vertical	N/A
5	12218.700	48.33	20.45	74.0	-25.67	Peak	187.00	150	Vertical	Pass
5**	12218.700	37.32	20.45	54.0	-16.68	AV	187.00	150	Vertical	Pass
6	15558.750	54.29	23.58	74.0	-19.71	Peak	227.00	150	Vertical	Pass
6**	15558.750	42.89	23.58	54.0	-11.11	AV	227.00	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	1679.300	41.90	-15.22	74.0	-32.10	Peak	341.00	150	Horizontal	Pass
1**	1679.300	30.14	-15.22	54.0	-23.86	AV	341.00	150	Horizontal	Pass
2	2821.500	41.72	-8.39	74.0	-32.28	Peak	239.00	150	Horizontal	Pass
2**	2821.500	33.87	-8.39	54.0	-20.13	AV	239.00	150	Horizontal	Pass
3	3977.600	46.62	-4.09	74.0	-27.38	Peak	177.00	150	Horizontal	Pass
3**	3977.600	34.94	-4.09	54.0	-19.06	AV	177.00	150	Horizontal	Pass
4	5176.200	106.36	-0.53	--	--	Peak	-1.00	150	Horizontal	N/A
4**	5176.200	99.81	-0.53	--	--	AV	-1.00	150	Horizontal	N/A
5	11692.862	48.80	19.91	74.0	-25.20	Peak	174.00	150	Horizontal	Pass
5**	11692.862	38.11	19.91	54.0	-15.89	AV	174.00	150	Horizontal	Pass
6	15669.526	53.35	23.52	74.0	-20.65	Peak	0.00	150	Horizontal	Pass
6**	15669.526	41.83	23.52	54.0	-12.17	AV	0.00	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	1678.800	49.34	-15.22	74.0	-24.66	Peak	311.00	150	Vertical	Pass
1**	1678.800	34.63	-15.22	54.0	-19.37	AV	311.00	150	Vertical	Pass
2	2886.200	42.07	-8.19	74.0	-31.93	Peak	105.00	150	Vertical	Pass
2**	2886.200	33.28	-8.19	54.0	-20.72	AV	105.00	150	Vertical	Pass
3	4306.400	47.90	-3.42	74.0	-26.10	Peak	362.00	150	Vertical	Pass
3**	4306.400	36.10	-3.42	54.0	-17.90	AV	362.00	150	Vertical	Pass
4	5176.200	106.01	-0.53	--	--	Peak	306.00	150	Vertical	N/A
4**	5176.200	98.85	-0.53	--	--	AV	306.00	150	Vertical	N/A
5	12212.662	48.84	20.44	74.0	-25.16	Peak	-2.00	150	Vertical	Pass
5**	12212.662	37.29	20.44	54.0	-16.71	AV	-2.00	150	Vertical	Pass
6	15975.599	53.72	24.00	74.0	-20.28	Peak	209.00	150	Vertical	Pass
6**	15975.599	41.94	24.00	54.0	-12.06	AV	209.00	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	1696.000	43.49	-15.25	74.0	-30.51	Peak	49.00	150	Horizontal	Pass
1**	1696.000	26.68	-15.25	54.0	-27.32	AV	49.00	150	Horizontal	Pass
2	2745.300	42.23	-8.85	74.0	-31.77	Peak	75.00	150	Horizontal	Pass
2**	2745.300	33.47	-8.85	54.0	-20.53	AV	75.00	150	Horizontal	Pass
3	4245.200	46.17	-3.27	74.0	-27.83	Peak	176.00	150	Horizontal	Pass
3**	4245.200	35.34	-3.27	54.0	-18.66	AV	176.00	150	Horizontal	Pass
4	5216.200	109.33	-0.29	--	--	Peak	362.00	150	Horizontal	N/A
4**	5216.200	102.50	-0.29	--	--	AV	362.00	150	Horizontal	N/A
5	11678.775	48.72	20.08	74.0	-25.28	Peak	74.00	150	Horizontal	Pass
5**	11678.775	36.65	20.08	54.0	-17.35	AV	74.00	150	Horizontal	Pass
6	15985.313	53.39	24.01	74.0	-20.61	Peak	47.00	150	Horizontal	Pass
6**	15985.313	42.08	24.01	54.0	-11.92	AV	47.00	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	1681.200	46.52	-15.23	74.0	-27.48	Peak	312.00	150	Vertical	Pass
1**	1681.200	32.23	-15.23	54.0	-21.77	AV	312.00	150	Vertical	Pass
2	2873.900	42.58	-8.30	74.0	-31.42	Peak	235.00	150	Vertical	Pass
2**	2873.900	31.93	-8.30	54.0	-22.07	AV	235.00	150	Vertical	Pass
3	3750.000	46.89	-4.66	74.0	-27.11	Peak	227.00	150	Vertical	Pass
3**	3750.000	40.99	-4.66	54.0	-13.01	AV	227.00	150	Vertical	Pass
4	5215.000	106.23	-0.27	--	--	Peak	279.00	150	Vertical	N/A
4**	5215.000	100.42	-0.27	--	--	AV	279.00	150	Vertical	N/A
5	12078.687	48.74	19.22	74.0	-25.26	Peak	47.00	150	Vertical	Pass
5**	12078.687	37.51	19.22	54.0	-16.49	AV	47.00	150	Vertical	Pass
6	15980.849	53.31	24.01	74.0	-20.69	Peak	19.00	150	Vertical	Pass
6**	15980.849	44.28	24.01	54.0	-9.72	AV	19.00	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	1680.700	40.80	-15.23	74.0	-33.20	Peak	287.00	150	Horizontal	Pass
1**	1680.700	26.81	-15.23	54.0	-27.19	AV	287.00	150	Horizontal	Pass
2	2844.600	42.12	-8.47	74.0	-31.88	Peak	26.00	150	Horizontal	Pass
2**	2844.600	31.36	-8.47	54.0	-22.64	AV	26.00	150	Horizontal	Pass
3	4298.000	47.38	-3.60	74.0	-26.62	Peak	0.00	150	Horizontal	Pass
3**	4298.000	34.04	-3.60	54.0	-19.96	AV	0.00	150	Horizontal	Pass
4	5236.000	108.98	-0.78	--	--	Peak	0.00	150	Horizontal	N/A
4**	5236.000	102.61	-0.78	--	--	AV	0.00	150	Horizontal	N/A
5	12223.875	48.63	20.44	74.0	-25.37	Peak	361.00	150	Horizontal	Pass
5**	12223.875	37.99	20.44	54.0	-16.01	AV	361.00	150	Horizontal	Pass
6	16060.125	53.33	24.14	74.0	-20.67	Peak	158.00	150	Horizontal	Pass
6**	16060.125	42.26	24.14	54.0	-11.74	AV	158.00	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	1680.500	50.15	-15.23	74.0	-23.85	Peak	311.00	150	Vertical	Pass
1**	1680.500	28.78	-15.23	54.0	-25.22	AV	311.00	150	Vertical	Pass
2	2873.700	42.17	-8.29	74.0	-31.83	Peak	311.00	150	Vertical	Pass
2**	2873.700	32.77	-8.29	54.0	-21.23	AV	311.00	150	Vertical	Pass
3	3749.800	47.31	-4.67	74.0	-26.69	Peak	209.00	150	Vertical	Pass
3**	3749.800	38.09	-4.67	54.0	-15.91	AV	209.00	150	Vertical	Pass
4	5233.800	107.97	-0.72	--	--	Peak	290.00	150	Vertical	N/A
4**	5233.800	99.97	-0.72	--	--	AV	290.00	150	Vertical	N/A
5	12418.224	49.13	18.96	74.0	-24.87	Peak	309.00	150	Vertical	Pass
5**	12418.224	36.06	18.96	54.0	-17.94	AV	309.00	150	Vertical	Pass
6	15920.737	53.16	23.65	74.0	-20.84	Peak	362.00	150	Vertical	Pass
6**	15920.737	41.07	23.65	54.0	-12.93	AV	362.00	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	1683.100	41.80	-15.25	74.0	-32.20	Peak	197.00	150	Horizontal	Pass
1**	1683.100	28.20	-15.25	54.0	-25.80	AV	197.00	150	Horizontal	Pass
2	2799.700	42.17	-8.80	74.0	-31.83	Peak	357.00	150	Horizontal	Pass
2**	2799.700	31.28	-8.80	54.0	-22.72	AV	357.00	150	Horizontal	Pass
3	4234.200	47.12	-3.47	74.0	-26.88	Peak	130.00	150	Horizontal	Pass
3**	4234.200	35.38	-3.47	54.0	-18.62	AV	130.00	150	Horizontal	Pass
4	5206.200	105.62	-0.40	--	--	Peak	14.00	150	Horizontal	N/A
4**	5206.200	99.11	-0.40	--	--	AV	14.00	150	Horizontal	N/A
5	12409.026	49.43	19.08	74.0	-24.57	Peak	258.00	150	Horizontal	Pass
5**	12409.026	38.18	19.08	54.0	-15.82	AV	258.00	150	Horizontal	Pass
6	15420.937	55.57	23.16	74.0	-18.43	Peak	92.00	150	Horizontal	Pass
6**	15420.937	42.41	23.16	54.0	-11.59	AV	92.00	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	1694.100	47.67	-15.21	74.0	-26.33	Peak	327.00	150	Vertical	Pass
1**	1694.100	37.32	-15.21	54.0	-16.68	AV	327.00	150	Vertical	Pass
2	2851.500	43.12	-8.18	74.0	-30.88	Peak	360.00	150	Vertical	Pass
2**	2851.500	32.15	-8.18	54.0	-21.85	AV	360.00	150	Vertical	Pass
3	3750.000	47.39	-4.66	74.0	-26.61	Peak	247.00	150	Vertical	Pass
3**	3750.000	42.50	-4.66	54.0	-11.50	AV	247.00	150	Vertical	Pass
4	5202.200	104.64	-0.43	--	--	Peak	308.00	150	Vertical	N/A
4**	5202.200	97.85	-0.43	--	--	AV	308.00	150	Vertical	N/A
5	12118.938	50.48	19.62	74.0	-23.52	Peak	31.00	150	Vertical	Pass
5**	12118.938	36.90	19.62	54.0	-17.10	AV	31.00	150	Vertical	Pass
6	15820.987	54.92	23.28	74.0	-19.08	Peak	240.00	150	Vertical	Pass
6**	15820.987	42.99	23.28	54.0	-11.01	AV	240.00	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	1699.600	41.94	-15.29	74.0	-32.06	Peak	350.00	150	Horizontal	Pass
1**	1699.600	27.59	-15.29	54.0	-26.41	AV	350.00	150	Horizontal	Pass
2	2787.400	42.03	-8.83	74.0	-31.97	Peak	257.00	150	Horizontal	Pass
2**	2787.400	32.76	-8.83	54.0	-21.24	AV	257.00	150	Horizontal	Pass
3	4137.200	46.38	-4.07	74.0	-27.62	Peak	271.00	150	Horizontal	Pass
3**	4137.200	35.25	-4.07	54.0	-18.75	AV	271.00	150	Horizontal	Pass
4	5225.000	106.67	-0.45	--	--	Peak	360.00	150	Horizontal	N/A
4**	5225.000	100.10	-0.45	--	--	AV	360.00	150	Horizontal	N/A
5	12271.600	49.96	20.30	74.0	-24.04	Peak	74.00	150	Horizontal	Pass
5**	12271.600	37.53	20.30	54.0	-16.47	AV	74.00	150	Horizontal	Pass
6	15928.350	54.73	23.75	74.0	-19.27	Peak	361.00	150	Horizontal	Pass
6**	15928.350	42.33	23.75	54.0	-11.67	AV	361.00	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	1685.200	50.19	-15.30	74.0	-23.81	Peak	330.00	150	Vertical	Pass
1**	1685.200	28.38	-15.30	54.0	-25.62	AV	330.00	150	Vertical	Pass
2	2828.000	41.77	-8.27	74.0	-32.23	Peak	25.00	150	Vertical	Pass
2**	2828.000	33.24	-8.27	54.0	-20.76	AV	25.00	150	Vertical	Pass
3	3750.000	48.12	-4.66	74.0	-25.88	Peak	236.00	150	Vertical	Pass
3**	3750.000	43.01	-4.66	54.0	-10.99	AV	236.00	150	Vertical	Pass
4	5223.000	105.30	-0.40	--	--	Peak	272.00	150	Vertical	N/A
4**	5223.000	98.80	-0.40	--	--	AV	272.00	150	Vertical	N/A
5	11628.750	49.64	20.29	74.0	-24.36	Peak	279.00	150	Vertical	Pass
5**	11628.750	37.27	20.29	54.0	-16.73	AV	279.00	150	Vertical	Pass
6	15946.200	54.65	23.93	74.0	-19.35	Peak	52.00	150	Vertical	Pass
6**	15946.200	42.95	23.93	54.0	-11.05	AV	52.00	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	1698.800	42.63	-15.32	74.0	-31.37	Peak	52.00	150	Horizontal	Pass
1**	1698.800	31.68	-15.32	54.0	-22.32	AV	52.00	150	Horizontal	Pass
2	2830.800	42.00	-8.31	74.0	-32.00	Peak	298.00	150	Horizontal	Pass
2**	2830.800	33.03	-8.31	54.0	-20.97	AV	298.00	150	Horizontal	Pass
3	4224.400	46.95	-3.57	74.0	-27.05	Peak	318.00	150	Horizontal	Pass
3**	4224.400	36.05	-3.57	54.0	-17.95	AV	318.00	150	Horizontal	Pass
4	5245.400	103.27	-0.85	--	--	Peak	0.00	150	Horizontal	N/A
4**	5245.400	95.70	-0.85	--	--	AV	0.00	150	Horizontal	N/A
5	12271.025	49.69	20.30	74.0	-24.31	Peak	192.00	150	Horizontal	Pass
5**	12271.025	37.62	20.30	54.0	-16.38	AV	192.00	150	Horizontal	Pass
6	15903.674	54.96	23.34	74.0	-19.04	Peak	193.00	150	Horizontal	Pass
6**	15903.674	43.23	23.34	54.0	-10.77	AV	193.00	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	1672.100	47.73	-15.41	74.0	-26.27	Peak	336.00	150	Vertical	Pass
1**	1672.100	31.52	-15.41	54.0	-22.48	AV	336.00	150	Vertical	Pass
2	2818.200	42.43	-8.28	74.0	-31.57	Peak	268.00	150	Vertical	Pass
2**	2818.200	32.40	-8.28	54.0	-21.60	AV	268.00	150	Vertical	Pass
3	3749.800	47.27	-4.67	74.0	-26.73	Peak	217.00	150	Vertical	Pass
3**	3749.800	39.13	-4.67	54.0	-14.87	AV	217.00	150	Vertical	Pass
4	5223.200	101.51	-0.40	--	--	Peak	281.00	150	Vertical	N/A
4**	5223.200	95.36	-0.40	--	--	AV	281.00	150	Vertical	N/A
5	12387.174	49.55	19.32	74.0	-24.45	Peak	107.00	150	Vertical	Pass
5**	12387.174	37.16	19.32	54.0	-16.84	AV	107.00	150	Vertical	Pass
6	15714.150	54.55	23.49	74.0	-19.45	Peak	213.00	150	Vertical	Pass
6**	15714.150	41.68	23.49	54.0	-12.32	AV	213.00	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	1680.800	42.93	-15.23	74.0	-31.07	Peak	344.00	150	Horizontal	Pass
1**	1680.800	27.70	-15.23	54.0	-26.30	AV	344.00	150	Horizontal	Pass
2	2785.500	42.00	-8.73	74.0	-32.00	Peak	211.00	150	Horizontal	Pass
2**	2785.500	31.88	-8.73	54.0	-22.12	AV	211.00	150	Horizontal	Pass
3	3830.000	47.50	-5.43	74.0	-26.50	Peak	221.00	150	Horizontal	Pass
3**	3830.000	43.10	-5.43	54.0	-10.90	AV	221.00	150	Horizontal	Pass
4	5738.800	107.99	-0.05	--	--	Peak	15.00	150	Horizontal	N/A
4**	5738.800	100.83	-0.05	--	--	AV	15.00	150	Horizontal	N/A
5	12364.463	50.27	19.58	74.0	-23.73	Peak	91.00	150	Horizontal	Pass
5**	12364.463	37.94	19.58	54.0	-16.06	AV	91.00	150	Horizontal	Pass
6	15558.750	54.95	23.58	74.0	-19.05	Peak	360.00	150	Horizontal	Pass
6**	15558.750	45.71	23.58	54.0	-8.29	AV	360.00	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	1678.100	47.95	-15.26	74.0	-26.05	Peak	345.00	150	Vertical	Pass
1**	1678.100	27.53	-15.26	54.0	-26.47	AV	345.00	150	Vertical	Pass
2	2865.800	42.17	-8.06	74.0	-31.83	Peak	185.00	150	Vertical	Pass
2**	2865.800	32.55	-8.06	54.0	-21.45	AV	185.00	150	Vertical	Pass
3	3829.800	51.04	-5.46	74.0	-22.96	Peak	258.00	150	Vertical	Pass
3**	3829.800	44.19	-5.46	54.0	-9.81	AV	258.00	150	Vertical	Pass
4	5743.800	109.03	0.15	--	--	Peak	108.00	150	Vertical	N/A
4**	5743.800	101.19	0.15	--	--	AV	108.00	150	Vertical	N/A
5	12607.400	50.26	18.74	74.0	-23.74	Peak	341.00	150	Vertical	Pass
5**	12607.400	37.53	18.74	54.0	-16.47	AV	341.00	150	Vertical	Pass
6	15550.088	54.36	23.61	74.0	-19.64	Peak	74.00	150	Vertical	Pass
6**	15550.088	42.86	23.61	54.0	-11.14	AV	74.00	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	1681.000	41.65	-15.23	74.0	-32.35	Peak	197.00	150	Horizontal	Pass
1**	1681.000	28.39	-15.23	54.0	-25.61	AV	197.00	150	Horizontal	Pass
2	2713.600	41.88	-8.72	74.0	-32.12	Peak	309.00	150	Horizontal	Pass
2**	2713.600	32.19	-8.72	54.0	-21.81	AV	309.00	150	Horizontal	Pass
3	3856.800	48.72	-5.35	74.0	-25.28	Peak	220.00	150	Horizontal	Pass
3**	3856.800	46.07	-5.35	54.0	-7.93	AV	220.00	150	Horizontal	Pass
4	5790.000	108.58	0.95	--	--	Peak	305.00	150	Horizontal	N/A
4**	5790.000	100.93	0.95	--	--	AV	305.00	150	Horizontal	N/A
5	12231.638	50.21	20.44	74.0	-23.79	Peak	360.00	150	Horizontal	Pass
5**	12231.638	37.46	20.44	54.0	-16.54	AV	360.00	150	Horizontal	Pass
6	15891.075	54.96	23.30	74.0	-19.04	Peak	339.00	150	Horizontal	Pass
6**	15891.075	43.15	23.30	54.0	-10.85	AV	339.00	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	1679.000	51.00	-15.21	74.0	-23.00	Peak	336.00	150	Vertical	Pass
1**	1679.000	33.03	-15.21	54.0	-20.97	AV	336.00	150	Vertical	Pass
2	2766.700	41.94	-8.52	74.0	-32.06	Peak	72.00	150	Vertical	Pass
2**	2766.700	32.00	-8.52	54.0	-22.00	AV	72.00	150	Vertical	Pass
3	3856.800	52.14	-5.35	74.0	-21.86	Peak	260.00	150	Vertical	Pass
3**	3856.800	50.37	-5.35	54.0	-3.63	AV	260.00	150	Vertical	Pass
4	5791.400	109.88	0.96	--	--	Peak	297.00	150	Vertical	N/A
4**	5791.400	102.73	0.96	--	--	AV	297.00	150	Vertical	N/A
5	12384.874	49.83	19.35	74.0	-24.17	Peak	0.00	150	Vertical	Pass
5**	12384.874	37.33	19.35	54.0	-16.67	AV	0.00	150	Vertical	Pass
6	16173.000	54.80	23.74	74.0	-19.20	Peak	74.00	150	Vertical	Pass
6**	16173.000	42.58	23.74	54.0	-11.42	AV	74.00	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	1678.500	45.23	-15.24	74.0	-28.77	Peak	57.00	150	Horizontal	Pass
1**	1678.500	29.40	-15.24	54.0	-24.60	AV	57.00	150	Horizontal	Pass
2	2723.300	42.25	-8.66	74.0	-31.75	Peak	304.00	150	Horizontal	Pass
2**	2723.300	33.19	-8.66	54.0	-20.81	AV	304.00	150	Horizontal	Pass
3	3883.400	49.35	-5.22	74.0	-24.65	Peak	226.00	150	Horizontal	Pass
3**	3883.400	46.30	-5.22	54.0	-7.70	AV	226.00	150	Horizontal	Pass
4	5820.000	108.13	0.95	--	--	Peak	4.00	150	Horizontal	N/A
4**	5820.000	101.46	0.95	--	--	AV	4.00	150	Horizontal	N/A
5	11674.750	49.45	20.12	74.0	-24.55	Peak	75.00	150	Horizontal	Pass
5**	11674.750	37.13	20.12	54.0	-16.87	AV	75.00	150	Horizontal	Pass
6	15535.912	55.71	23.72	74.0	-18.29	Peak	287.00	150	Horizontal	Pass
6**	15535.912	42.59	23.72	54.0	-11.41	AV	287.00	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	1662.400	48.62	-15.28	74.0	-25.38	Peak	330.00	150	Vertical	Pass
1**	1662.400	28.43	-15.28	54.0	-25.57	AV	330.00	150	Vertical	Pass
2	2844.900	41.88	-8.46	74.0	-32.12	Peak	19.00	150	Vertical	Pass
2**	2844.900	33.88	-8.46	54.0	-20.12	AV	19.00	150	Vertical	Pass
3	3883.400	52.96	-5.22	74.0	-21.04	Peak	263.00	150	Vertical	Pass
3**	3883.400	51.56	-5.22	54.0	-2.44	AV	263.00	150	Vertical	Pass
4	5831.400	108.02	0.90	--	--	Peak	119.00	150	Vertical	N/A
4**	5831.400	101.29	0.90	--	--	AV	119.00	150	Vertical	N/A
5	11538.763	49.72	19.61	74.0	-24.28	Peak	60.00	150	Vertical	Pass
5**	11538.763	37.26	19.61	54.0	-16.74	AV	60.00	150	Vertical	Pass
6	15984.000	54.71	24.01	74.0	-19.29	Peak	0.00	150	Vertical	Pass
6**	15984.000	43.63	24.01	54.0	-10.37	AV	0.00	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	1682.000	42.65	-15.24	74.0	-31.35	Peak	330.00	150	Horizontal	Pass
1**	1682.000	27.83	-15.24	54.0	-26.17	AV	330.00	150	Horizontal	Pass
2	2835.100	41.87	-8.47	74.0	-32.13	Peak	66.00	150	Horizontal	Pass
2**	2835.100	32.39	-8.47	54.0	-21.61	AV	66.00	150	Horizontal	Pass
3	3836.800	47.90	-5.29	74.0	-26.10	Peak	208.00	150	Horizontal	Pass
3**	3836.800	44.62	-5.29	54.0	-9.38	AV	208.00	150	Horizontal	Pass
4	5750.800	105.48	0.36	--	--	Peak	0.00	150	Horizontal	N/A
4**	5750.800	98.93	0.36	--	--	AV	0.00	150	Horizontal	N/A
5	11083.076	49.74	18.89	74.0	-24.26	Peak	263.00	150	Horizontal	Pass
5**	11083.076	37.18	18.89	54.0	-16.82	AV	263.00	150	Horizontal	Pass
6	15997.388	54.91	24.02	74.0	-19.09	Peak	361.00	150	Horizontal	Pass
6**	15997.388	43.30	24.02	54.0	-10.70	AV	361.00	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	1678.800	47.13	-15.22	74.0	-26.87	Peak	331.00	150	Vertical	Pass
1**	1678.800	34.72	-15.22	54.0	-19.28	AV	331.00	150	Vertical	Pass
2	2856.400	42.06	-8.06	74.0	-31.94	Peak	19.00	150	Vertical	Pass
2**	2856.400	32.00	-8.06	54.0	-22.00	AV	19.00	150	Vertical	Pass
3	3836.800	51.15	-5.29	74.0	-22.85	Peak	265.00	150	Vertical	Pass
3**	3836.800	49.41	-5.29	54.0	-4.59	AV	265.00	150	Vertical	Pass
4	5753.600	105.72	0.48	--	--	Peak	111.00	150	Vertical	N/A
4**	5753.600	99.16	0.48	--	--	AV	111.00	150	Vertical	N/A
5	10937.600	49.28	18.56	74.0	-24.72	Peak	23.00	150	Vertical	Pass
5**	10937.600	36.42	18.56	54.0	-17.58	AV	23.00	150	Vertical	Pass
6	15487.612	54.31	23.77	74.0	-19.69	Peak	271.00	150	Vertical	Pass
6**	15487.612	42.72	23.77	54.0	-11.28	AV	271.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1685.000	40.96	-15.29	74.0	-33.04	Peak	137.00	150	Horizontal	Pass
1**	1685.000	28.03	-15.29	54.0	-25.97	AV	137.00	150	Horizontal	Pass
2	2782.700	42.01	-8.70	74.0	-31.99	Peak	84.00	150	Horizontal	Pass
2**	2782.700	31.77	-8.70	54.0	-22.23	AV	84.00	150	Horizontal	Pass
3	3863.400	48.45	-5.09	74.0	-25.55	Peak	222.00	150	Horizontal	Pass
3**	3863.400	45.73	-5.09	54.0	-8.27	AV	222.00	150	Horizontal	Pass
4	5790.800	107.05	0.92	--	--	Peak	14.00	150	Horizontal	N/A
4**	5790.800	99.23	0.92	--	--	AV	14.00	150	Horizontal	N/A
5	12203.175	50.21	20.44	74.0	-23.79	Peak	136.00	150	Horizontal	Pass
5**	12203.175	38.29	20.44	54.0	-15.71	AV	136.00	150	Horizontal	Pass
6	15919.950	54.43	23.64	74.0	-19.57	Peak	363.00	150	Horizontal	Pass
6**	15919.950	42.81	23.64	54.0	-11.19	AV	363.00	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	1681.400	48.46	-15.24	74.0	-25.54	Peak	255.00	150	Vertical	Pass
1**	1681.400	27.33	-15.24	54.0	-26.67	AV	255.00	150	Vertical	Pass
2	2877.400	42.58	-8.34	74.0	-31.42	Peak	309.00	150	Vertical	Pass
2**	2877.400	32.89	-8.34	54.0	-21.11	AV	309.00	150	Vertical	Pass
3	3863.400	52.81	-5.09	74.0	-21.19	Peak	258.00	150	Vertical	Pass
3**	3863.400	49.76	-5.09	54.0	-4.24	AV	258.00	150	Vertical	Pass
4	5789.400	106.07	0.98	--	--	Peak	102.00	150	Vertical	N/A
4**	5789.400	99.39	0.98	--	--	AV	102.00	150	Vertical	N/A
5	11675.325	49.70	20.11	74.0	-24.30	Peak	326.00	150	Vertical	Pass
5**	11675.325	37.76	20.11	54.0	-16.24	AV	326.00	150	Vertical	Pass
6	16014.713	54.63	23.98	74.0	-19.37	Peak	350.00	150	Vertical	Pass
6**	16014.713	42.57	23.98	54.0	-11.43	AV	350.00	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	1696.300	43.88	-15.26	74.0	-30.12	Peak	47.00	150	Horizontal	Pass
1**	1696.300	28.46	-15.26	54.0	-25.54	AV	47.00	150	Horizontal	Pass
2	2779.500	42.80	-8.51	74.0	-31.20	Peak	242.00	150	Horizontal	Pass
2**	2779.500	32.62	-8.51	54.0	-21.38	AV	242.00	150	Horizontal	Pass
3	3829.800	47.34	-5.46	74.0	-26.66	Peak	225.00	150	Horizontal	Pass
3**	3829.800	39.95	-5.46	54.0	-14.05	AV	225.00	150	Horizontal	Pass
4	5743.400	107.41	0.12	--	--	Peak	25.00	150	Horizontal	N/A
4**	5743.400	100.81	0.12	--	--	AV	25.00	150	Horizontal	N/A
5	12169.538	49.56	20.15	74.0	-24.44	Peak	233.00	150	Horizontal	Pass
5**	12169.538	37.06	20.15	54.0	-16.94	AV	233.00	150	Horizontal	Pass
6	15929.138	54.30	23.76	74.0	-19.70	Peak	223.00	150	Horizontal	Pass
6**	15929.138	42.94	23.76	54.0	-11.06	AV	223.00	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	1681.500	48.62	-15.24	74.0	-25.38	Peak	314.00	150	Vertical	Pass
1**	1681.500	32.49	-15.24	54.0	-21.51	AV	314.00	150	Vertical	Pass
2	2865.100	42.48	-8.05	74.0	-31.52	Peak	20.00	150	Vertical	Pass
2**	2865.100	33.02	-8.05	54.0	-20.98	AV	20.00	150	Vertical	Pass
3	3830.000	50.74	-5.43	74.0	-23.26	Peak	261.00	150	Vertical	Pass
3**	3830.000	47.47	-5.43	54.0	-6.53	AV	261.00	150	Vertical	Pass
4	5752.600	108.76	0.51	--	--	Peak	300.00	150	Vertical	N/A
4**	5752.600	101.31	0.51	--	--	AV	300.00	150	Vertical	N/A
5	11616.099	49.15	20.22	74.0	-24.85	Peak	312.00	150	Vertical	Pass
5**	11616.099	38.12	20.22	54.0	-15.88	AV	312.00	150	Vertical	Pass
6	15909.188	54.02	23.44	74.0	-19.98	Peak	97.00	150	Vertical	Pass
6**	15909.188	42.13	23.44	54.0	-11.87	AV	97.00	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	1696.400	42.73	-15.26	74.0	-31.27	Peak	210.00	150	Horizontal	Pass
1**	1696.400	27.61	-15.26	54.0	-26.39	AV	210.00	150	Horizontal	Pass
2	2732.200	41.81	-8.74	74.0	-32.19	Peak	15.00	150	Horizontal	Pass
2**	2732.200	32.85	-8.74	54.0	-21.15	AV	15.00	150	Horizontal	Pass
3	3856.600	48.41	-5.35	74.0	-25.59	Peak	245.00	150	Horizontal	Pass
3**	3856.600	43.94	-5.35	54.0	-10.06	AV	245.00	150	Horizontal	Pass
4	5781.200	109.61	1.04	--	--	Peak	294.00	150	Horizontal	N/A
4**	5781.200	103.54	1.04	--	--	AV	294.00	150	Horizontal	N/A
5	12344.050	50.20	19.75	74.0	-23.80	Peak	262.00	150	Horizontal	Pass
5**	12344.050	38.58	19.75	54.0	-15.42	AV	262.00	150	Horizontal	Pass
6	15419.888	54.36	23.15	74.0	-19.64	Peak	142.00	150	Horizontal	Pass
6**	15419.888	42.36	23.15	54.0	-11.64	AV	142.00	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	1668.300	49.18	-15.22	74.0	-24.82	Peak	332.00	150	Vertical	Pass
1**	1668.300	32.42	-15.22	54.0	-21.58	AV	332.00	150	Vertical	Pass
2	2734.000	42.41	-8.72	74.0	-31.59	Peak	317.00	150	Vertical	Pass
2**	2734.000	32.24	-8.72	54.0	-21.76	AV	317.00	150	Vertical	Pass
3	3856.600	52.21	-5.35	74.0	-21.79	Peak	254.00	150	Vertical	Pass
3**	3856.600	48.58	-5.35	54.0	-5.42	AV	254.00	150	Vertical	Pass
4	5791.400	109.08	0.96	--	--	Peak	122.00	150	Vertical	N/A
4**	5791.400	102.42	0.96	--	--	AV	122.00	150	Vertical	N/A
5	12202.599	50.07	20.44	74.0	-23.93	Peak	273.00	150	Vertical	Pass
5**	12202.599	37.61	20.44	54.0	-16.39	AV	273.00	150	Vertical	Pass
6	15476.588	54.99	23.63	74.0	-19.01	Peak	99.00	150	Vertical	Pass
6**	15476.588	43.24	23.63	54.0	-10.76	AV	99.00	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	1681.800	45.87	-15.24	74.0	-28.13	Peak	46.00	150	Horizontal	Pass
1**	1681.800	30.05	-15.24	54.0	-23.95	AV	46.00	150	Horizontal	Pass
2	2869.900	42.32	-8.20	74.0	-31.68	Peak	283.00	150	Horizontal	Pass
2**	2869.900	32.25	-8.20	54.0	-21.75	AV	283.00	150	Horizontal	Pass
3	3883.400	49.07	-5.22	74.0	-24.93	Peak	208.00	150	Horizontal	Pass
3**	3883.400	46.38	-5.22	54.0	-7.62	AV	208.00	150	Horizontal	Pass
4	5818.800	109.06	1.01	--	--	Peak	0.00	150	Horizontal	N/A
4**	5818.800	103.44	1.01	--	--	AV	0.00	150	Horizontal	N/A
5	11604.312	49.76	20.15	74.0	-24.24	Peak	234.00	150	Horizontal	Pass
5**	11604.312	38.03	20.15	54.0	-15.97	AV	234.00	150	Horizontal	Pass
6	15975.599	54.83	24.00	74.0	-19.17	Peak	226.00	150	Horizontal	Pass
6**	15975.599	43.20	24.00	54.0	-10.80	AV	226.00	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	1682.100	50.38	-15.24	74.0	-23.62	Peak	335.00	150	Vertical	Pass
1**	1682.100	35.02	-15.24	54.0	-18.98	AV	335.00	150	Vertical	Pass
2	2871.500	42.36	-8.21	74.0	-31.64	Peak	115.00	150	Vertical	Pass
2**	2871.500	32.68	-8.21	54.0	-21.32	AV	115.00	150	Vertical	Pass
3	3883.400	52.79	-5.22	74.0	-21.21	Peak	244.00	150	Vertical	Pass
3**	3883.400	50.73	-5.22	54.0	-3.27	AV	244.00	150	Vertical	Pass
4	5832.600	109.10	0.99	--	--	Peak	120.00	150	Vertical	N/A
4**	5832.600	102.33	0.99	--	--	AV	120.00	150	Vertical	N/A
5	12325.650	50.19	19.88	74.0	-23.81	Peak	222.00	150	Vertical	Pass
5**	12325.650	38.53	19.88	54.0	-15.47	AV	222.00	150	Vertical	Pass
6	15419.099	55.27	23.14	74.0	-18.73	Peak	361.00	150	Vertical	Pass
6**	15419.099	43.88	23.14	54.0	-10.12	AV	361.00	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	1682.000	42.33	-15.24	74.0	-31.67	Peak	52.00	150	Horizontal	Pass
1**	1682.000	27.79	-15.24	54.0	-26.21	AV	52.00	150	Horizontal	Pass
2	2808.700	42.41	-8.60	74.0	-31.59	Peak	297.00	150	Horizontal	Pass
2**	2808.700	32.58	-8.60	54.0	-21.42	AV	297.00	150	Horizontal	Pass
3	3836.600	48.28	-5.29	74.0	-25.72	Peak	224.00	150	Horizontal	Pass
3**	3836.600	42.02	-5.29	54.0	-11.98	AV	224.00	150	Horizontal	Pass
4	5747.600	105.42	0.31	--	--	Peak	6.00	150	Horizontal	N/A
4**	5747.600	100.00	0.31	--	--	AV	6.00	150	Horizontal	N/A
5	12106.287	49.91	19.47	74.0	-24.09	Peak	0.00	150	Horizontal	Pass
5**	12106.287	36.96	19.47	54.0	-17.04	AV	0.00	150	Horizontal	Pass
6	15624.901	54.51	23.48	74.0	-19.49	Peak	269.00	150	Horizontal	Pass
6**	15624.901	43.06	23.48	54.0	-10.94	AV	269.00	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	1686.500	48.12	-15.27	74.0	-25.88	Peak	340.00	150	Vertical	Pass
1**	1686.500	32.04	-15.27	54.0	-21.96	AV	340.00	150	Vertical	Pass
2	2889.200	42.62	-8.14	74.0	-31.38	Peak	360.00	150	Vertical	Pass
2**	2889.200	32.37	-8.14	54.0	-21.63	AV	360.00	150	Vertical	Pass
3	3836.800	51.10	-5.29	74.0	-22.90	Peak	253.00	150	Vertical	Pass
3**	3836.800	49.19	-5.29	54.0	-4.81	AV	253.00	150	Vertical	Pass
4	5760.000	105.87	0.65	--	--	Peak	308.00	150	Vertical	N/A
4**	5760.000	98.73	0.65	--	--	AV	308.00	150	Vertical	N/A
5	12186.213	49.96	20.31	74.0	-24.04	Peak	19.00	150	Vertical	Pass
5**	12186.213	37.81	20.31	54.0	-16.19	AV	19.00	150	Vertical	Pass
6	15481.838	54.44	23.68	74.0	-19.56	Peak	342.00	150	Vertical	Pass
6**	15481.838	44.18	23.68	54.0	-9.82	AV	342.00	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	1700.900	41.29	-15.25	74.0	-32.71	Peak	346.00	150	Horizontal	Pass
1**	1700.900	30.27	-15.25	54.0	-23.73	AV	346.00	150	Horizontal	Pass
2	2740.200	41.82	-8.78	74.0	-32.18	Peak	8.00	150	Horizontal	Pass
2**	2740.200	32.36	-8.78	54.0	-21.64	AV	8.00	150	Horizontal	Pass
3	3863.200	48.99	-5.11	74.0	-25.01	Peak	237.00	150	Horizontal	Pass
3**	3863.200	41.81	-5.11	54.0	-12.19	AV	237.00	150	Horizontal	Pass
4	5806.200	105.93	0.83	--	--	Peak	15.00	150	Horizontal	N/A
4**	5806.200	98.21	0.83	--	--	AV	15.00	150	Horizontal	N/A
5	11804.412	49.33	18.51	74.0	-24.67	Peak	0.00	150	Horizontal	Pass
5**	11804.412	37.91	18.51	54.0	-16.09	AV	0.00	150	Horizontal	Pass
6	15674.250	54.29	23.55	74.0	-19.71	Peak	276.00	150	Horizontal	Pass
6**	15674.250	42.85	23.55	54.0	-11.15	AV	276.00	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	1678.000	47.70	-15.26	74.0	-26.30	Peak	328.00	150	Vertical	Pass
1**	1678.000	38.84	-15.26	54.0	-15.16	AV	328.00	150	Vertical	Pass
2	2886.200	42.59	-8.19	74.0	-31.41	Peak	328.00	150	Vertical	Pass
2**	2886.200	32.26	-8.19	54.0	-21.74	AV	328.00	150	Vertical	Pass
3	3863.400	52.55	-5.09	74.0	-21.45	Peak	258.00	150	Vertical	Pass
3**	3863.400	50.22	-5.09	54.0	-3.78	AV	258.00	150	Vertical	Pass
4	5790.000	106.57	0.95	--	--	Peak	103.00	150	Vertical	N/A
4**	5790.000	99.08	0.95	--	--	AV	103.00	150	Vertical	N/A
5	12164.938	49.75	20.10	74.0	-24.25	Peak	325.00	150	Vertical	Pass
5**	12164.938	37.51	20.10	54.0	-16.49	AV	325.00	150	Vertical	Pass
6	15861.412	54.42	23.34	74.0	-19.58	Peak	227.00	150	Vertical	Pass
6**	15861.412	42.34	23.34	54.0	-11.66	AV	227.00	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	1697.300	40.99	-15.30	74.0	-33.01	Peak	354.00	150	Horizontal	Pass
1**	1697.300	28.98	-15.30	54.0	-25.02	AV	354.00	150	Horizontal	Pass
2	2832.400	42.98	-8.44	74.0	-31.02	Peak	0.00	150	Horizontal	Pass
2**	2832.400	32.98	-8.44	54.0	-21.02	AV	0.00	150	Horizontal	Pass
3	3850.000	48.12	-5.23	74.0	-25.88	Peak	243.00	150	Horizontal	Pass
3**	3850.000	44.07	-5.23	54.0	-9.93	AV	243.00	150	Horizontal	Pass
4	5806.600	102.16	0.83	--	--	Peak	0.00	150	Horizontal	N/A
4**	5806.600	95.45	0.83	--	--	AV	0.00	150	Horizontal	N/A
5	12383.438	49.35	19.36	74.0	-24.65	Peak	234.00	150	Horizontal	Pass
5**	12383.438	37.44	19.36	54.0	-16.56	AV	234.00	150	Horizontal	Pass
6	15980.588	54.13	24.01	74.0	-19.87	Peak	338.00	150	Horizontal	Pass
6**	15980.588	43.14	24.01	54.0	-10.86	AV	338.00	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	1683.800	52.98	-15.26	74.0	-21.02	Peak	326.00	150	Vertical	Pass
1**	1683.800	35.07	-15.26	54.0	-18.93	AV	326.00	150	Vertical	Pass
2	2870.000	42.08	-8.20	74.0	-31.92	Peak	41.00	150	Vertical	Pass
2**	2870.000	32.82	-8.20	54.0	-21.18	AV	41.00	150	Vertical	Pass
3	3850.000	51.84	-5.23	74.0	-22.16	Peak	251.00	150	Vertical	Pass
3**	3850.000	49.36	-5.23	54.0	-4.64	AV	251.00	150	Vertical	Pass
4	5763.000	103.30	0.74	--	--	Peak	129.00	150	Vertical	N/A
4**	5763.000	94.98	0.74	--	--	AV	129.00	150	Vertical	N/A
5	12341.175	49.44	19.77	74.0	-24.56	Peak	179.00	150	Vertical	Pass
5**	12341.175	37.36	19.77	54.0	-16.64	AV	179.00	150	Vertical	Pass
6	16071.412	54.58	24.08	74.0	-19.42	Peak	363.00	150	Vertical	Pass
6**	16071.412	42.70	24.08	54.0	-11.30	AV	363.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Main Antenna/ Aux. Antenna

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-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

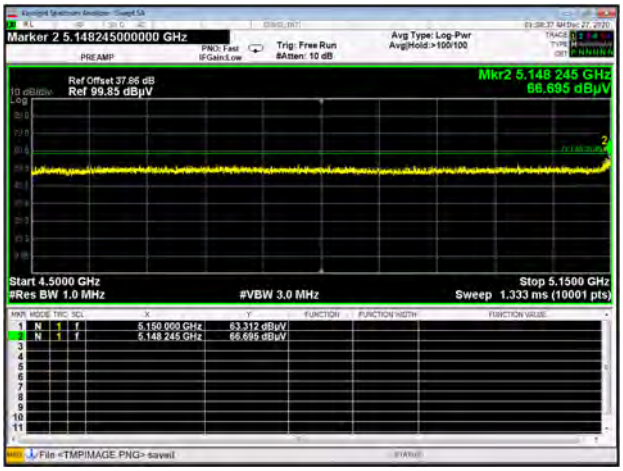
MIMO

Test Band	Mode	Channel	Verdict
U-NII-1	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-3	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

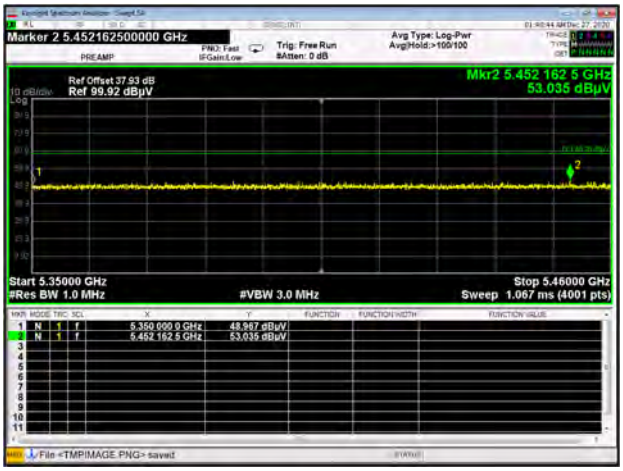
Test Plots

Main Antenna

U-NII-1 11a CH36 Peak



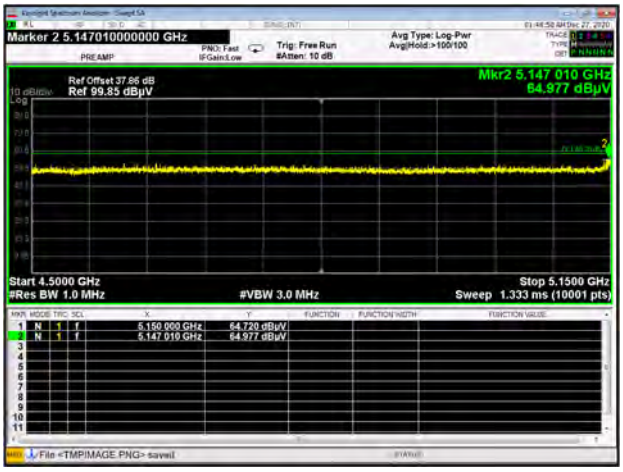
U-NII-1 11a CH48 Peak



U-NII-1 11a CH36 AV

U-NII-1 11a CH36 AV

U-NII-1 11n20 CH36 Peak



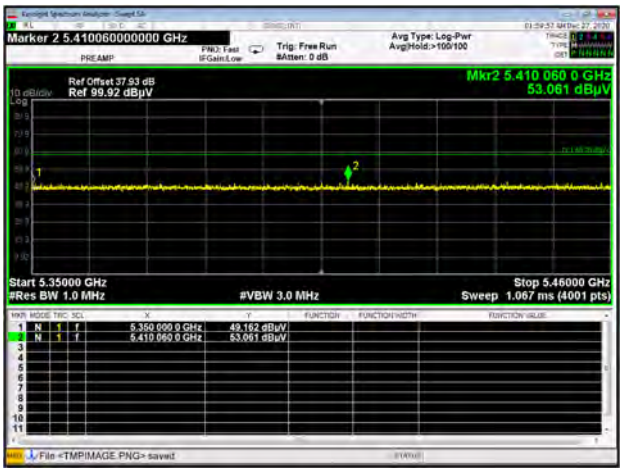
U-NII-1 11n20 CH48 Peak

U-NII-1 11n20 CH36 AV

U-NII-1 11n20 CH36 AV

U-NII-1 11n40 CH38 Peak

U-NII-1 11n40 CH46 Peak

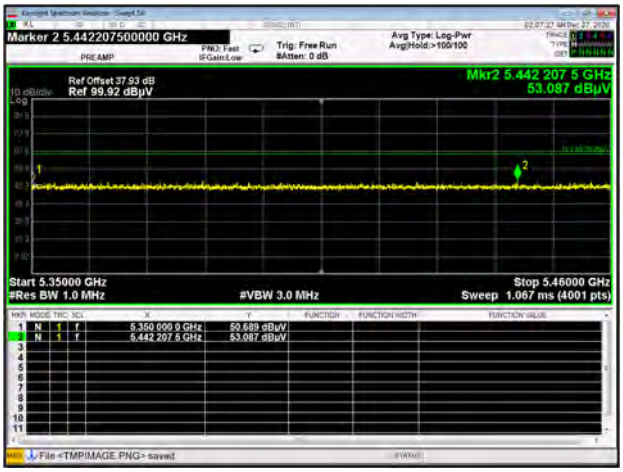


U-NII-1 11n40 CH38 AV

U-NII-1 11n40 CH38 AV

U-NII-1 11ac20 CH36 Peak

U-NII-1 11ac20 CH48 Peak

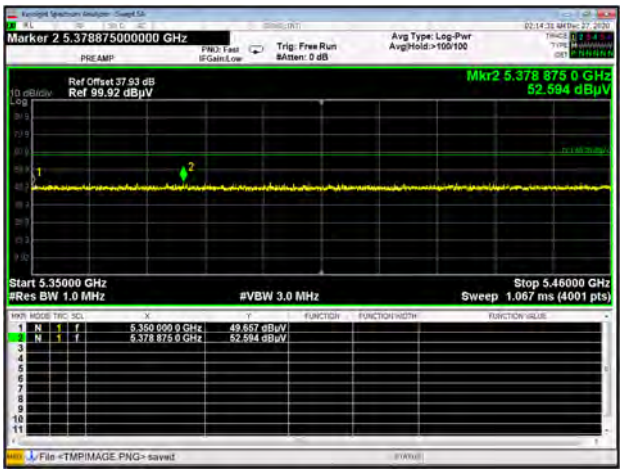


U-NII-1 11ac20 CH36 AV

U-NII-1 11ac20 CH36 AV

U-NII-1 11ac40 CH38 Peak

U-NII-1 11ac40 CH46 Peak

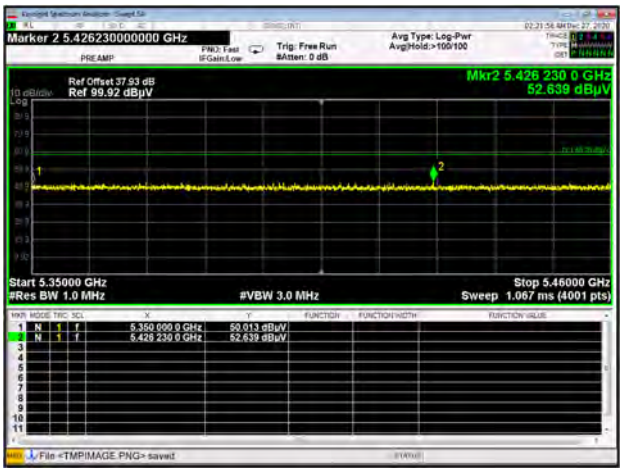


U-NII-1 11ac40 CH38 AV

U-NII-1 11ac40 CH38 AV

U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 Peak



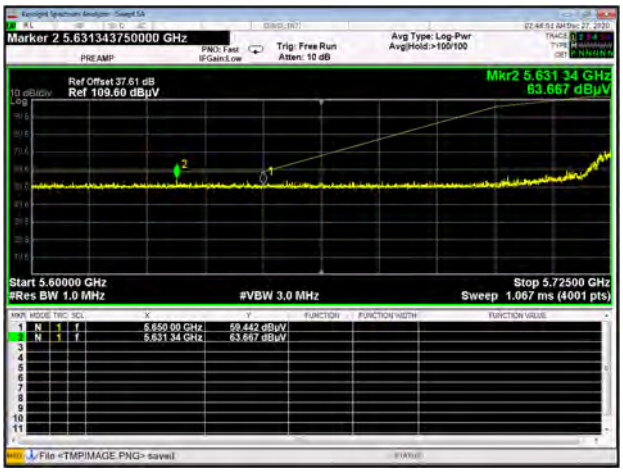
U-NII-1 11ac80 CH42 AV

U-NII-1 11ac80 CH42 AV

U-NII-3 11a CH149 Peak

U-NII-3 11a CH165 Peak

U-NII-3 11n20 CH149 Peak



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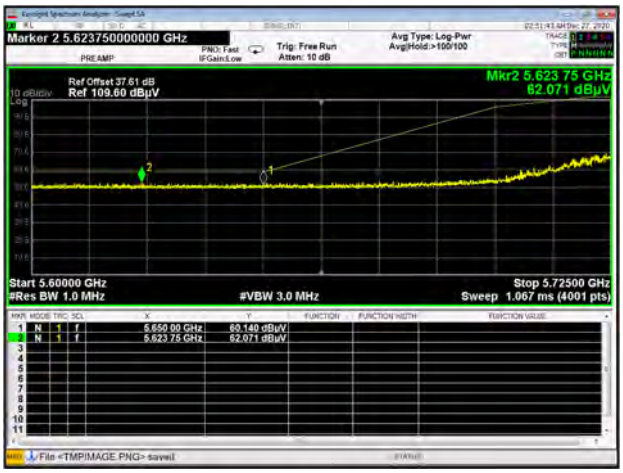
U-NII-3 11n40 CH151 Peak



U-NII-3 11n40 CH159 Peak

U-NII-3 11ac20 CH149 Peak

U-NII-3 11ac20 CH165 Peak

U-NII-3 11ac40 CH151 Peak

U-NII-3 11ac40 CH159 Peak

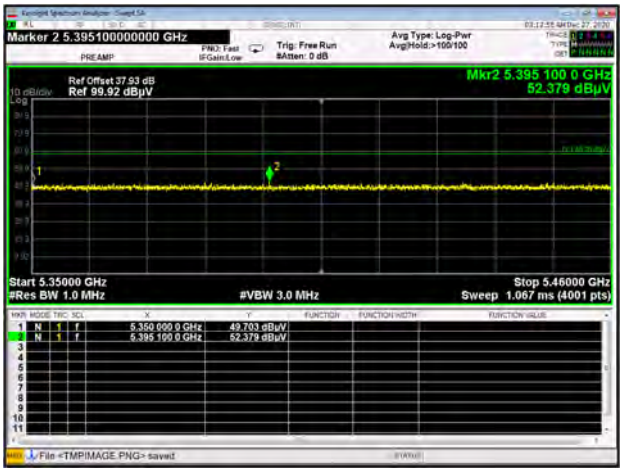
U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH155 Peak

Aux. Antenna

U-NII-1 11a CH36 Peak

U-NII-1 11a CH48 Peak



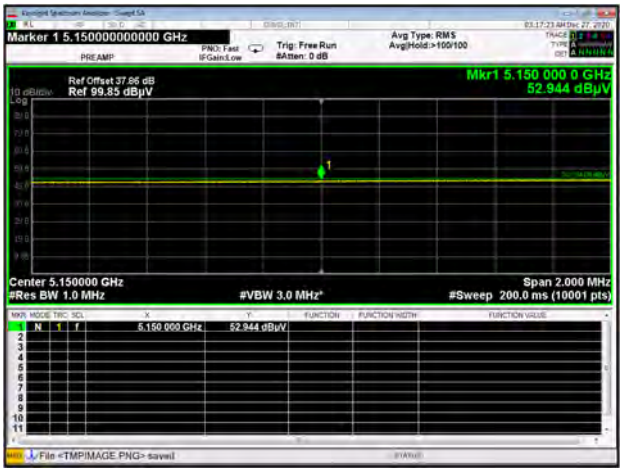
U-NII-1 11a CH36 AV

U-NII-1 11a CH48 AV

U-NII-1 11n20 CH36 Peak

U-NII-1 11n20 CH48 Peak

U-NII-1 11n20 CH36 AV



U-NII-1 11n20 CH36 AV

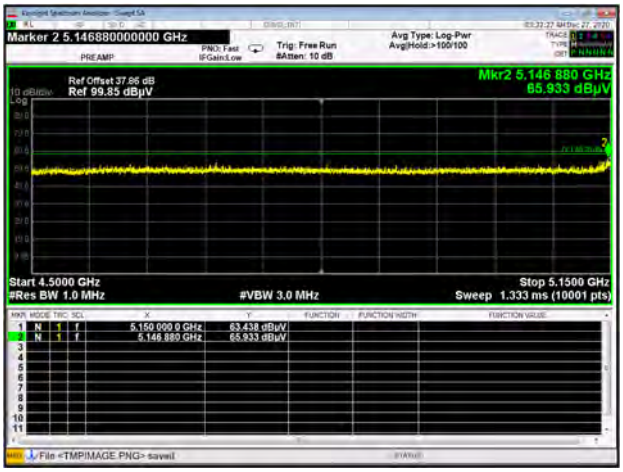
U-NII-1 11n40 CH38 Peak

U-NII-1 11n40 CH46 Peak

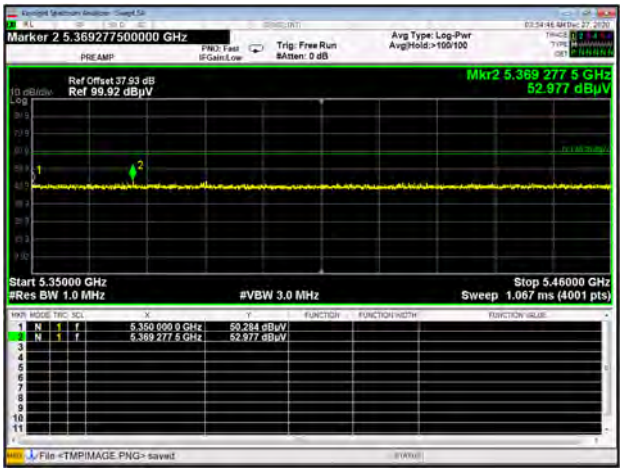
U-NII-1 11n40 CH38 AV

U-NII-1 11n40 CH38 AV

U-NII-1 11ac20 CH36 Peak



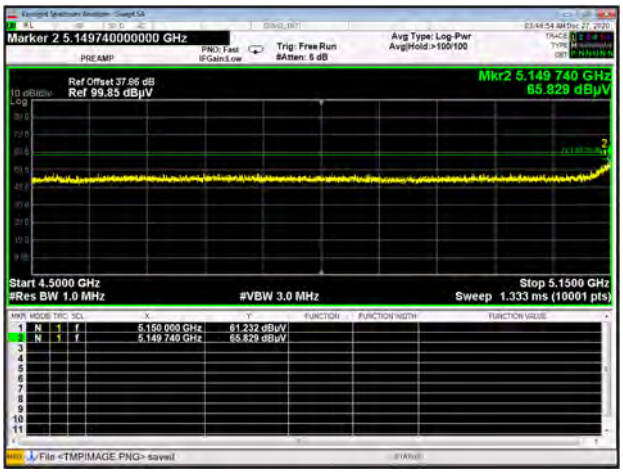
U-NII-1 11ac20 CH48 Peak



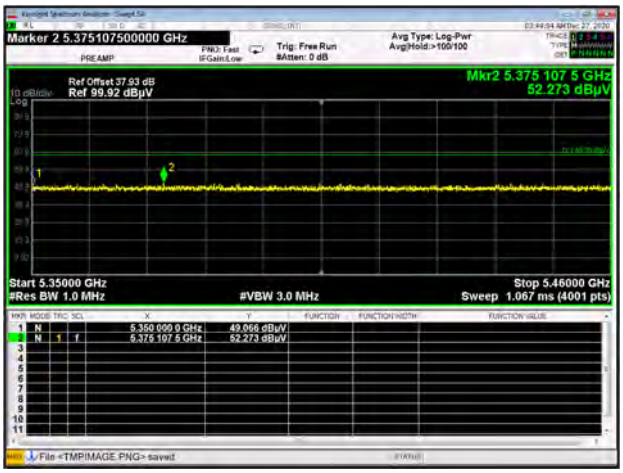
U-NII-1 11ac20 CH36 AV

U-NII-1 11ac20 CH36 AV

U-NII-1 11ac40 CH38 Peak



U-NII-1 11ac40 CH46 Peak



U-NII-1 11ac40 CH38 AV

U-NII-1 11ac40 CH38 AV

U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 AV

U-NII-1 11ac80 CH42 AV

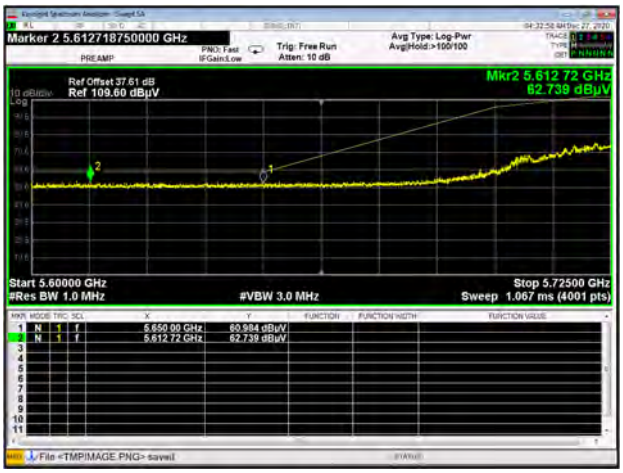
U-NII-3 11a CH149 Peak

U-NII-3 11a CH165 Peak

U-NII-3 11n20 CH149 Peak

U-NII-3 11n20 CH165 Peak

U-NII-3 11n40 CH151 Peak



U-NII-3 11n40 CH159 Peak

U-NII-3 11ac20 CH149 Peak

U-NII-3 11ac20 CH165 Peak

U-NII-3 11ac40 CH151 Peak

U-NII-3 11ac40 CH159 Peak

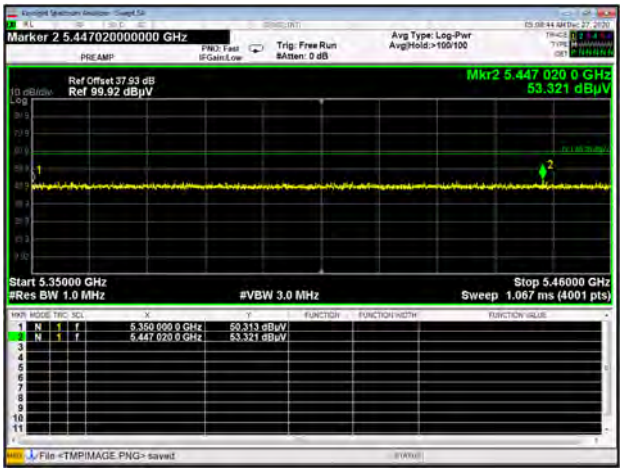
U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH155 Peak

MIMO

U-NII-1 11n20 CH36 Peak

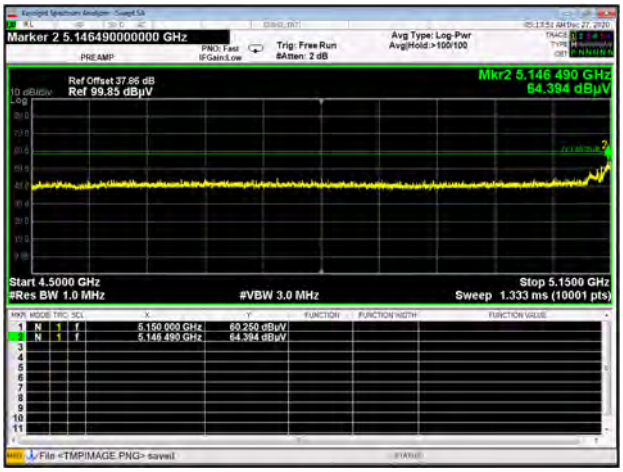
U-NII-1 11n20 CH48 Peak



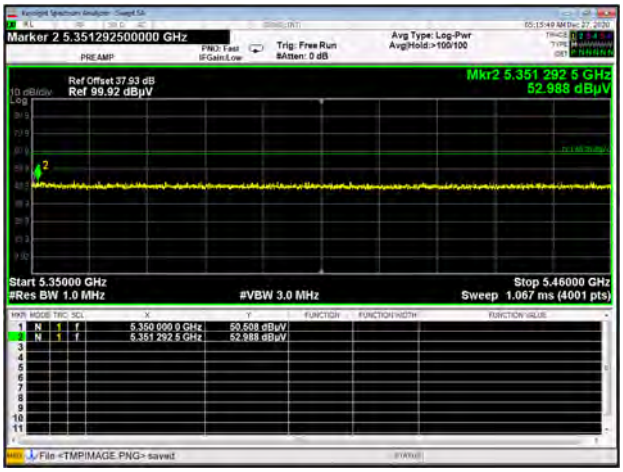
U-NII-1 11n20 CH36 AV

U-NII-1 11n20 CH36 AV

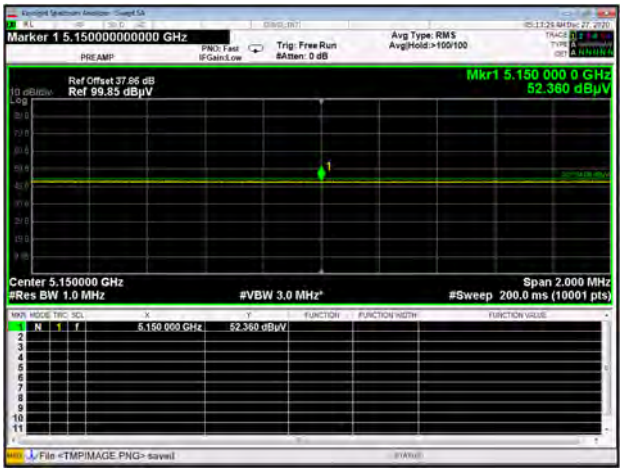
U-NII-1 11n40 CH38 Peak



U-NII-1 11n40 CH46 Peak



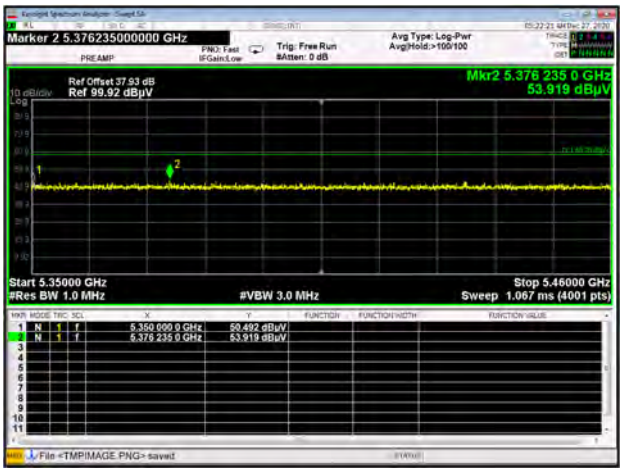
U-NII-1 11n40 CH38 AV



U-NII-1 11n40 CH38 AV

U-NII-1 11ac20 CH36 Peak

U-NII-1 11ac20 CH48 Peak

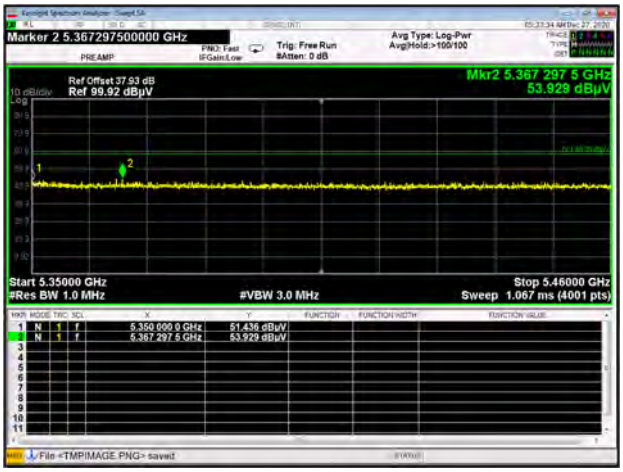


U-NII-1 11ac20 CH36 AV

U-NII-1 11ac20 CH36 AV

U-NII-1 11ac40 CH38 Peak

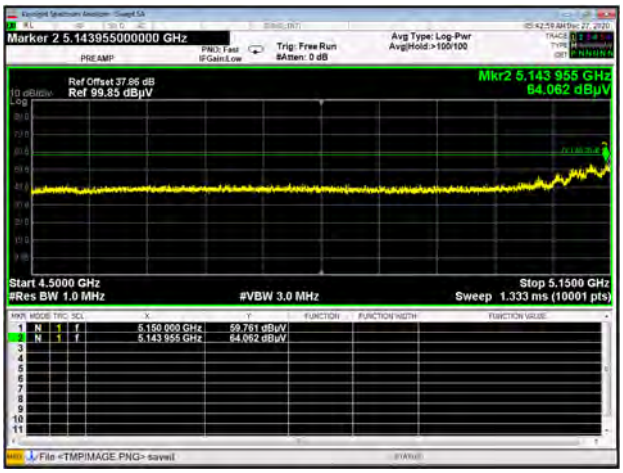
U-NII-1 11ac40 CH46 Peak



U-NII-1 11ac40 CH38 AV

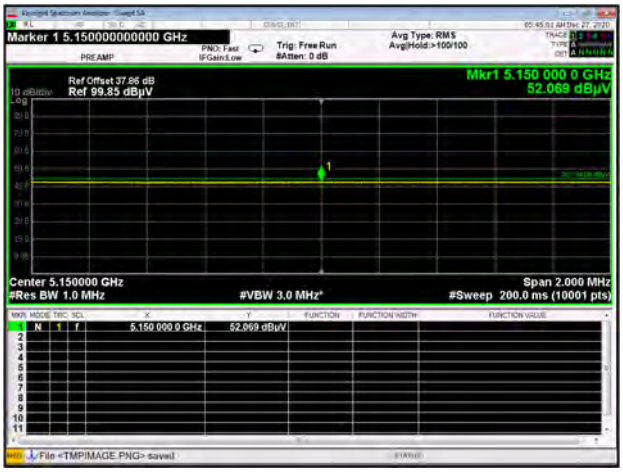
U-NII-1 11ac40 CH38 AV

U-NII-1 11ac80 CH42 Peak



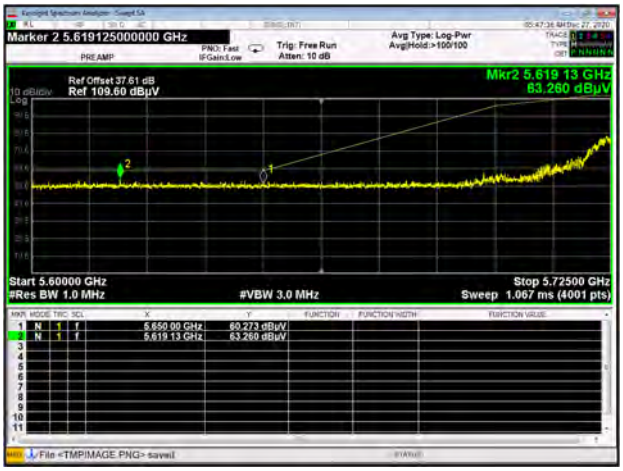
U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 AV



U-NII-1 11ac80 CH42 AV

U-NII-3 11n20 CH149 Peak



U-NII-3 11n20 CH165 Peak

U-NII-3 11n40 CH151 Peak

U-NII-3 11n40 CH159 Peak

U-NII-3 11ac20 CH149 Peak

U-NII-3 11ac20 CH165 Peak

U-NII-3 11ac40 CH151 Peak

U-NII-3 11ac40 CH159 Peak

U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH155 Peak

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ20C0477-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ20C0477-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ20C0477-AI.PDF”.

--END OF REPORT--