TEST REPORT

Applicant:	Hunan Greatwall Computer System Co., Ltd
Address:	Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, China
Equipment Type:	Personal Computer
Model Name:	W16198 (refer to section 2.3)
Brand Name:	Great wall
FCC ID:	2APUQ-W16198
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Sep. 06, 2024
Test Date:	Sep. 15, 2024 - Sep. 27, 2024
Date of Issue:	Oct. 12, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu

Checked by: Ye Hongji

Approved by: Sunny Zou

(Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Oct. 12, 2024	Initial Issue

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Hunan Greatwall Computer System Co., Ltd
Address	Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, China

2.2 Manufacturer Information

Manufacturer	Hunan Greatwall Computer System Co., Ltd
Address	Hunan Greatwall Industrial Park, Tianyi Science and Technology City, Xiangyun Middle Road, Tianyuan District, Zhuzhou, Hunan Province, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Personal Computer
Model Name Under Test	W16198
Series Model Name	W16198MS, W16198AS, W16198MS-X, W16198AS-X, W16198AS-A, W16198AS-B, W16198AS-C, W16198AS-D, W16198AS-E, W16198AS-F, W16198AS-G, W16198AS-F, W16198AS-H, W16198MS-A, W16198MS-B, W16198MS-C, W16198MS-D, W16198MS-E, W16198MS-F, W16198MS-G, W16198MS-F, W16198MS-H, VWNC3A16*****, VWNC5A16*****, VWTC7M16***** (X means different configuration, X might be A, B, C, D, E etc, The "*" in model name can be 0 to 9, A to Z, a to z, "-" or blank.)
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in model name. (this information provided by the applicant)
Hardware Version	EM_MTL728_V3.1
Software Version	Win 11
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax

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

Frequency Range		U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type		☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology		OFDM, OFDMA
Modulation Type		1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK
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 802.11ax up to 1201 Mbps
Channel Bandwidth		802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz, 160MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz, 160MHz
Maximum Output Power		U-NII-1: 30.20 mW U-NII-2A: 30.97 mW U-NII-2C: 31.41 mW U-NII-3: 31.48 mW
Antenna System (eg., MIMO, Smart Antenna)		Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax
Categorization as Correlated or Completely Uncorrelated		Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax
Antenna Type	SISO-Main Antenna	FPC Antenna
	SISO-Aux. Antenna	
Antenna Gain	SISO-Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: -1.03 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.14 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.47 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.91 dBi
	SISO-Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 2.67 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.78 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.62 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.51 dBi
Total	For power	Correlated:

directional gain	spectral density (PSD) measurements	U-NII-1: 5150 MHz to 5250 MHz: 4.03 dBi U-NII-2A: 5250 MHz to 5350 MHz: 5.48 dBi U-NII-2C: 5470 MHz to 5725 MHz: 7.07 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.23 dBi Formulas: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2$ /NANT] dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 1.20 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.47 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.08 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.22 dBi Formulas: Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + ... + 10^{GN/10})$/NANT] dBi
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 4.03 dBi U-NII-2A: 5250 MHz to 5350 MHz: 5.48 dBi U-NII-2C: 5470 MHz to 5725 MHz: 7.07 dBi U-NII-3: 5725 MHz to 5850 MHz: 6.23 dBi Formulas: Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + ... + 10^{GN/20})^2$ /NANT] dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 1.20 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.47 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.08 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.22 dBi Formulas: Directional gain = 10 log[$(10^{G1/10} + 10^{G2/10} + ... + 10^{GN/10})$/NANT] dBi
About the Product		The equipment is Personal Computer, intended for used with information technology equipment.

Mode	Antenna		
	SISO-Main Antenna	SISO-Aux. Antenna	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ac160	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
802.11ax160	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	√	√	√	--	--	--
802.11ax40	√	√	√	√	√	--	--
802.11ax80	√	√	√	√	√	√	--
802.11ax160	√	√	√	√	√	√	√

2.5 Channel List

20 MHz		40 MHz		80 MHz		160 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**	**50**	**5250**
40	5200	**46**	**5230**	**58**	**5290**	**114**	**5570**
44	**5220**	**54**	**5270**	**106**	**5530**		
48	**5240**	**62**	**5310**	**122**	**5610**		
52	**5260**	**102**	**5510**	**155**	**5775**		
56	5280	110	5550				
60	**5300**	**118**	**5590**				
64	**5320**	126	5630				
100	**5500**	**134**	**5670**				
104	5520	**151**	**5755**				
108	5540	**159**	**5795**				
112	5560						
116	**5580**						
120	5600						
124	5620						
128	5640						
132	5660						
136	5680						
140	**5700**						
149	**5745**						
153	5765						
157	**5785**						
161	5805						
165	**5825**						

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

For 802.11a/n(HT20)/ac(VHT20)/ax(HE20)

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

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

For 802.11n(HT40)/ac(VHT40)/ax(HE40)

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)/ax(HE80)

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

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

For 802.11ac(VHT160)/ax(HE160)

U-NII-1 (5150 - 5250 MHz)			U-NII-2C (5470 - 5725 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
50	Mid	5250	114	Mid	5570

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.5		50	/	114	/
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		50	/	114	/
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.5		50	/	114	/
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		50	/	114	/
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
	11ax(80 MHz)	17		N/A	N/A	N/A	155

Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.5		50	/	114	/
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		50	/	114	/
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.5		50	/	114	/
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		50	/	114	/
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		50	/	114	/
	11ac(160 MHz)	58.5		42	58	122/106	155
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		50	/	114	/

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Test 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	47% to 71%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.7℃ to +24.6℃
Working Voltage of the EUT	NV (Normal Voltage)	11.55 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2024.07.04	2025.07.03
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2023.12.27	2024.12.26
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2024.08.01	2025.07.31
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2022.02.23	2025.02.22
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2025.09.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2024.08.01	2025.07.31
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2024.08.01	2025.07.31
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2024.08.01	2025.07.31
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-01162	2023.08.04	2026.08.03
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2023.12.05	2024.12.04
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2024.08.01	2025.07.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.09	2025.05.08
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 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.

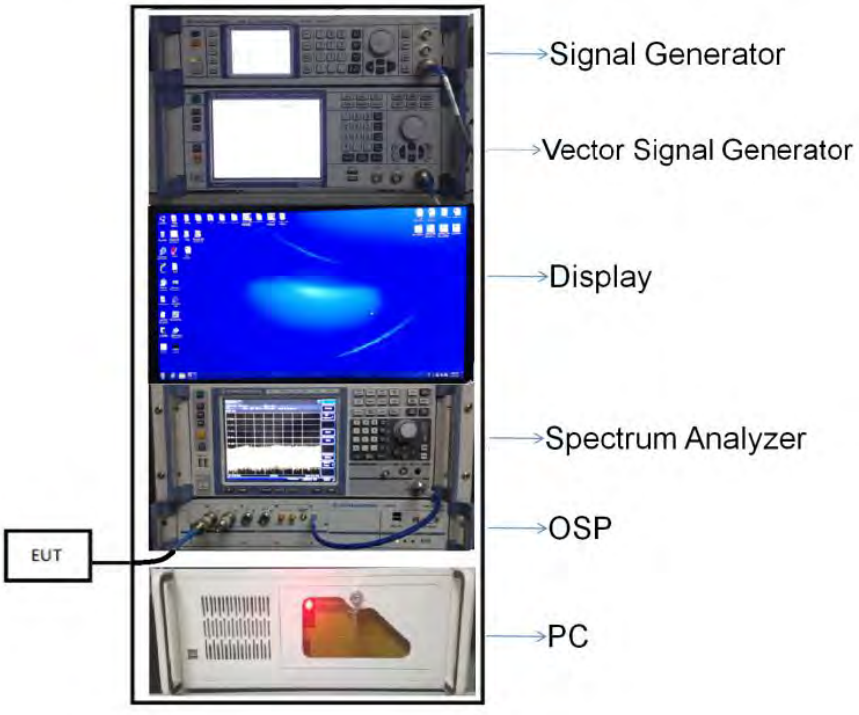
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8℃
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

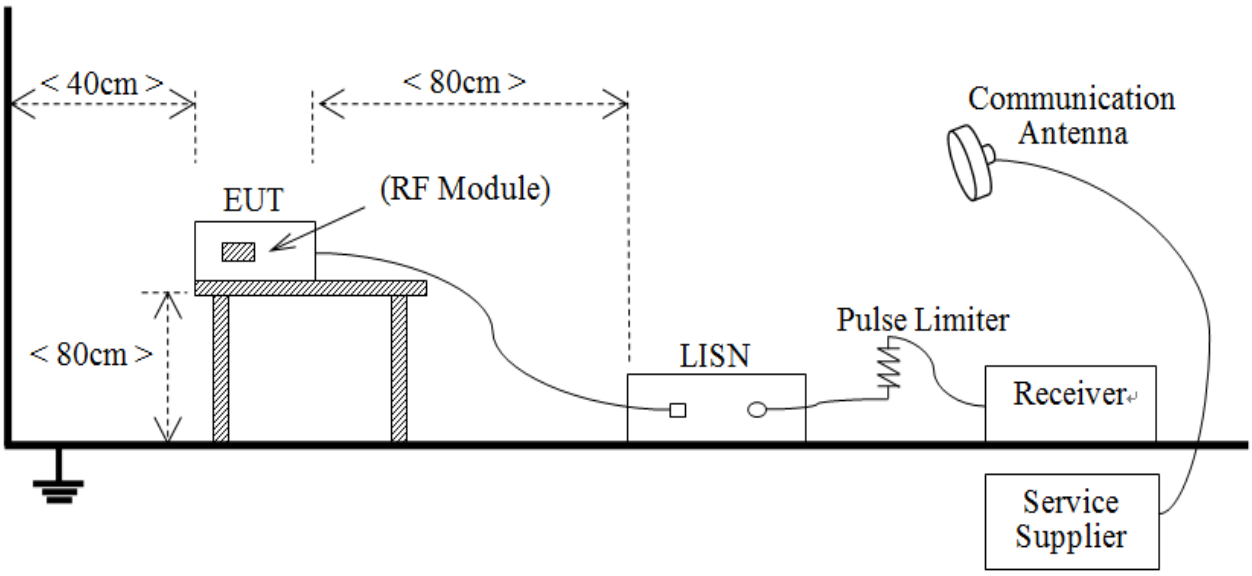
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



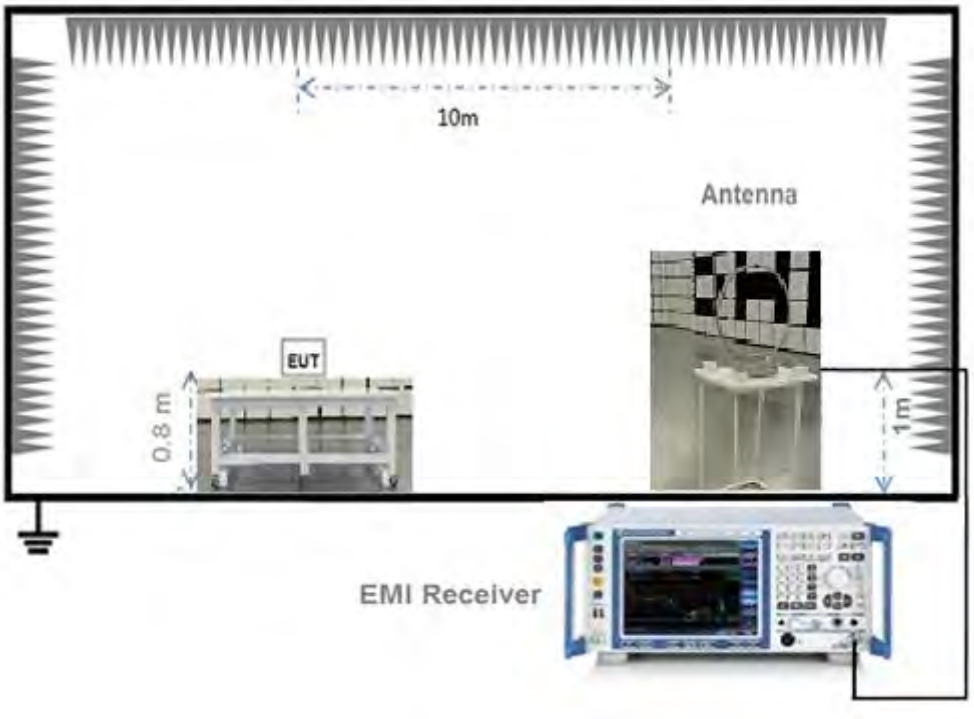
(Diagram 1)

4.5.2 For AC Power Supply Port Test



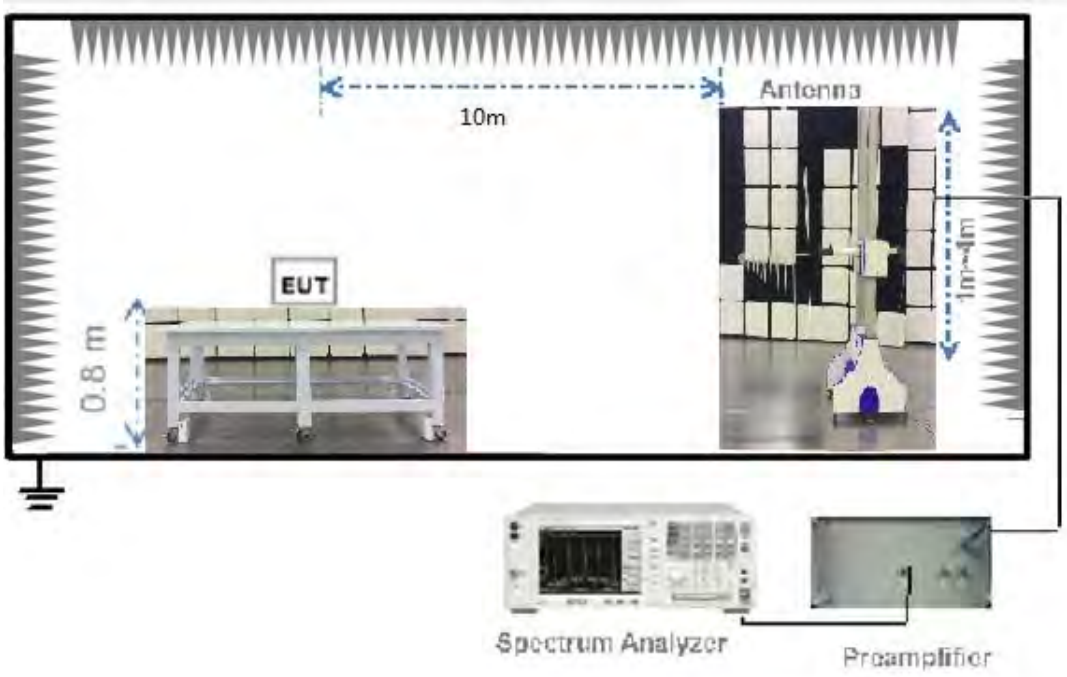
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



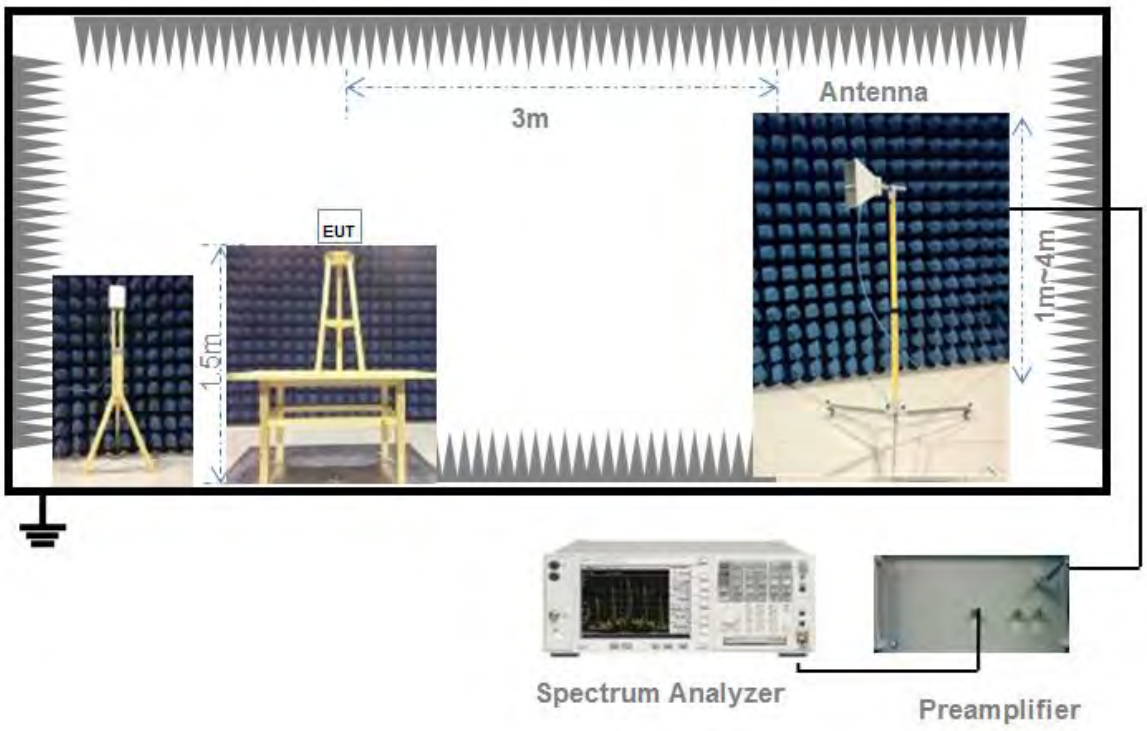
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

The section 4.5.1 (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

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.

3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW ≥ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

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)

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

The section 4.5.1 (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

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 4.5.2 (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)

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.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (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 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).

c) 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).

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

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

f) 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.

Note [2]: All the configurations were pre tested, only the worst configuration has been reported in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.083	2.133	97.66%	0.10
11n(HT20)/11ac(VHT20)	3.969	4.023	98.66%	0.06
11n(HT40)/11ac(VHT40)	3.963	4.019	98.61%	0.06
11ac(VHT80)	3.962	4.018	98.61%	0.06
11ac(VHT160)	3.958	4.007	98.78%	0.05
11ax(HE20)	3.977	4.033	98.61%	0.06
11ax(HE40)	3.974	4.029	98.63%	0.06
11ax(HE80)	3.974	4.029	98.63%	0.06
11ax(HE160)	3.974	4.029	98.63%	0.06

Test Data

Conducted Power

SISO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.75	29.85	250	Pass
11a	CH44	14.61	28.91	250	Pass
11a	CH48	14.76	29.92	250	Pass
11n(HT20)	CH36	14.59	28.77	250	Pass
11n(HT20)	CH44	14.45	27.86	250	Pass
11n(HT20)	CH48	14.58	28.71	250	Pass
11n(HT40)	CH38	14.65	29.17	250	Pass
11n(HT40)	CH46	14.61	28.91	250	Pass
11ac(VHT20)	CH36	14.66	29.24	250	Pass
11ac(VHT20)	CH44	14.49	28.12	250	Pass
11ac(VHT20)	CH48	14.60	28.84	250	Pass
11ac(VHT40)	CH38	14.53	28.38	250	Pass
11ac(VHT40)	CH46	14.46	27.93	250	Pass
11ac(VHT80)	CH42	14.80	30.20	250	Pass
11ac(VHT160)	CH50	12.91	19.54	250	Pass
11ax(HE20) (SU)	CH36	14.59	28.77	250	Pass
11ax(HE20) (SU)	CH44	14.43	27.73	250	Pass
11ax(HE20) (SU)	CH48	14.49	28.12	250	Pass
11ax(HE40) (SU)	CH38	14.51	28.25	250	Pass
11ax(HE40) (SU)	CH46	14.47	27.99	250	Pass
11ax(HE80) (SU)	CH42	14.52	28.31	250	Pass
11ax(HE160) (SU)	CH50	13.78	23.88	250	Pass
11ax(HE20) (RU26)	CH36	9.60	9.12	250	Pass
11ax(HE20) (RU26)	CH44	9.62	9.16	250	Pass
11ax(HE20) (RU26)	CH48	9.71	9.35	250	Pass
11ax(HE40) (RU26)	CH38	9.85	9.66	250	Pass
11ax(HE40) (RU26)	CH46	9.71	9.35	250	Pass
11ax(HE80) (RU26)	CH42	9.74	9.42	250	Pass
11ax(HE160) (RU26)	CH50	9.64	9.20	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.72	29.65	250	Pass
11a	CH60	14.73	29.72	250	Pass
11a	CH64	14.61	28.91	250	Pass
11n(HT20)	CH52	14.42	27.67	250	Pass
11n(HT20)	CH60	14.52	28.31	250	Pass
11n(HT20)	CH64	14.44	27.80	250	Pass
11n(HT40)	CH54	14.63	29.04	250	Pass
11n(HT40)	CH62	14.58	28.71	250	Pass
11ac(VHT20)	CH52	14.45	27.86	250	Pass
11ac(VHT20)	CH60	14.42	27.67	250	Pass
11ac(VHT20)	CH64	14.47	27.99	250	Pass
11ac(VHT40)	CH54	14.46	27.93	250	Pass
11ac(VHT40)	CH62	14.44	27.80	250	Pass
11ac(VHT80)	CH58	14.88	30.76	250	Pass
11ax(HE20) (SU)	CH52	14.29	26.85	250	Pass
11ax(HE20) (SU)	CH60	14.62	28.97	250	Pass
11ax(HE20) (SU)	CH64	14.52	28.31	250	Pass
11ax(HE40) (SU)	CH54	14.86	30.62	250	Pass
11ax(HE40) (SU)	CH62	14.91	30.97	250	Pass
11ax(HE80) (SU)	CH58	14.89	30.83	250	Pass
11ax(HE20) (RU26)	CH52	9.73	9.40	250	Pass
11ax(HE20) (RU26)	CH60	9.82	9.59	250	Pass
11ax(HE20) (RU26)	CH64	9.75	9.44	250	Pass
11ax(HE40) (RU26)	CH54	9.75	9.44	250	Pass
11ax(HE40) (RU26)	CH62	9.96	9.91	250	Pass
11ax(HE80) (RU26)	CH58	9.89	9.75	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.69	29.44	195.43	Pass
11a	CH116	14.80	30.20	195.43	Pass
11a	CH140	14.68	29.38	195.43	Pass
11n(HT20)	CH100	14.77	29.99	250	Pass
11n(HT20)	CH116	14.87	30.69	250	Pass
11n(HT20)	CH140	14.83	30.41	250	Pass
11n(HT40)	CH102	14.88	30.76	250	Pass
11n(HT40)	CH118	14.91	30.97	250	Pass
11n(HT40)	CH134	14.89	30.83	250	Pass
11ac(VHT20)	CH100	14.70	29.51	250	Pass
11ac(VHT20)	CH116	14.73	29.72	250	Pass
11ac(VHT20)	CH140	14.81	30.27	250	Pass
11ac(VHT40)	CH102	14.70	29.51	250	Pass
11ac(VHT40)	CH118	14.84	30.48	250	Pass
11ac(VHT40)	CH134	14.66	29.24	250	Pass
11ac(VHT80)	CH106	14.89	30.83	250	Pass
11ac(VHT80)	CH122	14.91	30.97	250	Pass
11ac(VHT160)	CH114	12.59	18.16	250	Pass
11ax(HE20) (SU)	CH100	14.61	28.91	250	Pass
11ax(HE20) (SU)	CH116	14.69	29.44	250	Pass
11ax(HE20) (SU)	CH140	14.56	28.58	250	Pass
11ax(HE40) (SU)	CH102	14.54	28.44	250	Pass
11ax(HE40) (SU)	CH118	14.62	28.97	250	Pass
11ax(HE40) (SU)	CH134	14.51	28.25	250	Pass
11ax(HE80) (SU)	CH106	14.66	29.24	250	Pass
11ax(HE80) (SU)	CH122	14.73	29.72	250	Pass
11ax(HE160) (SU)	CH114	12.49	17.74	250	Pass
11ax(HE20) (RU26)	CH100	9.46	8.83	250	Pass
11ax(HE20) (RU26)	CH116	9.45	8.81	250	Pass
11ax(HE20) (RU26)	CH140	9.39	8.69	250	Pass
11ax(HE40) (RU26)	CH102	9.80	9.55	250	Pass
11ax(HE40) (RU26)	CH118	9.56	9.04	250	Pass
11ax(HE40) (RU26)	CH134	9.31	8.53	250	Pass
11ax(HE80) (RU26)	CH106	9.62	9.16	250	Pass
11ax(HE80) (RU26)	CH122	9.46	8.83	250	Pass
11ax(HE160) (RU26)	CH114	9.51	8.93	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.41	27.61	948.42	Pass
11a	CH157	14.60	28.84	948.42	Pass
11a	CH165	14.56	28.58	948.42	Pass
11n(HT20)	CH149	14.49	28.12	1000	Pass
11n(HT20)	CH157	14.67	29.31	1000	Pass
11n(HT20)	CH165	14.63	29.04	1000	Pass
11n(HT40)	CH151	14.69	29.44	1000	Pass
11n(HT40)	CH159	14.81	30.27	1000	Pass
11ac(VHT20)	CH149	14.44	27.80	1000	Pass
11ac(VHT20)	CH157	14.62	28.97	1000	Pass
11ac(VHT20)	CH165	14.57	28.64	1000	Pass
11ac(VHT40)	CH151	14.59	28.77	1000	Pass
11ac(VHT40)	CH159	14.64	29.11	1000	Pass
11ac(VHT80)	CH155	14.49	28.12	1000	Pass
11ax(HE20) (SU)	CH149	14.41	27.61	1000	Pass
11ax(HE20) (SU)	CH157	14.36	27.29	1000	Pass
11ax(HE20) (SU)	CH165	14.28	26.79	1000	Pass
11ax(HE40) (SU)	CH151	14.41	27.61	1000	Pass
11ax(HE40) (SU)	CH159	14.51	28.25	1000	Pass
11ax(HE80) (SU)	CH155	14.73	29.72	1000	Pass
11ax(HE20) (RU26)	CH149	9.19	8.30	1000	Pass
11ax(HE20) (RU26)	CH157	9.51	8.93	1000	Pass
11ax(HE20) (RU26)	CH165	9.46	8.83	1000	Pass
11ax(HE40) (RU26)	CH151	9.87	9.71	1000	Pass
11ax(HE40) (RU26)	CH159	9.83	9.62	1000	Pass
11ax(HE80) (RU26)	CH155	9.91	9.79	1000	Pass

SISO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.67	29.31	250	Pass
11a	CH44	14.52	28.31	250	Pass
11a	CH48	14.34	27.16	250	Pass
11n(HT20)	CH36	14.52	28.31	250	Pass
11n(HT20)	CH44	14.25	26.61	250	Pass
11n(HT20)	CH48	14.50	28.18	250	Pass
11n(HT40)	CH38	14.55	28.51	250	Pass
11n(HT40)	CH46	14.41	27.61	250	Pass
11ac(VHT20)	CH36	14.76	29.92	250	Pass
11ac(VHT20)	CH44	14.49	28.12	250	Pass
11ac(VHT20)	CH48	14.50	28.18	250	Pass
11ac(VHT40)	CH38	14.33	27.10	250	Pass
11ac(VHT40)	CH46	14.26	26.67	250	Pass
11ac(VHT80)	CH42	14.40	27.54	250	Pass
11ac(VHT160)	CH50	12.85	19.28	250	Pass
11ax(HE20) (SU)	CH36	14.69	29.44	250	Pass
11ax(HE20) (SU)	CH44	14.13	25.88	250	Pass
11ax(HE20) (SU)	CH48	14.29	26.85	250	Pass
11ax(HE40) (SU)	CH38	14.11	25.76	250	Pass
11ax(HE40) (SU)	CH46	14.37	27.35	250	Pass
11ax(HE80) (SU)	CH42	14.22	26.42	250	Pass
11ax(HE160) (SU)	CH50	13.67	23.28	250	Pass
11ax(HE20) (RU26)	CH36	9.40	8.71	250	Pass
11ax(HE20) (RU26)	CH44	9.22	8.36	250	Pass
11ax(HE20) (RU26)	CH48	9.31	8.53	250	Pass
11ax(HE40) (RU26)	CH38	9.64	9.20	250	Pass
11ax(HE40) (RU26)	CH46	9.71	9.35	250	Pass
11ax(HE80) (RU26)	CH42	9.44	8.79	250	Pass
11ax(HE160) (RU26)	CH50	9.84	9.64	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.52	28.31	250	Pass
11a	CH60	14.33	27.10	250	Pass
11a	CH64	14.61	28.91	250	Pass
11n(HT20)	CH52	14.12	25.82	250	Pass
11n(HT20)	CH60	14.32	27.04	250	Pass
11n(HT20)	CH64	14.14	25.94	250	Pass
11n(HT40)	CH54	14.63	29.04	250	Pass
11n(HT40)	CH62	14.58	28.71	250	Pass
11ac(VHT20)	CH52	14.15	26.00	250	Pass
11ac(VHT20)	CH60	14.02	25.23	250	Pass
11ac(VHT20)	CH64	14.57	28.64	250	Pass
11ac(VHT40)	CH54	14.66	29.24	250	Pass
11ac(VHT40)	CH62	14.14	25.94	250	Pass
11ac(VHT80)	CH58	14.58	28.71	250	Pass
11ax(HE20) (SU)	CH52	14.09	25.64	250	Pass
11ax(HE20) (SU)	CH60	14.72	29.65	250	Pass
11ax(HE20) (SU)	CH64	14.22	26.42	250	Pass
11ax(HE40) (SU)	CH54	14.86	30.62	250	Pass
11ax(HE40) (SU)	CH62	14.37	27.35	250	Pass
11ax(HE80) (SU)	CH58	14.79	30.13	250	Pass
11ax(HE20) (RU26)	CH52	9.53	8.97	250	Pass
11ax(HE20) (RU26)	CH60	9.52	8.95	250	Pass
11ax(HE20) (RU26)	CH64	9.85	9.66	250	Pass
11ax(HE40) (RU26)	CH54	9.35	8.61	250	Pass
11ax(HE40) (RU26)	CH62	9.96	9.91	250	Pass
11ax(HE80) (RU26)	CH58	9.89	9.75	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.69	29.44	195.43	Pass
11a	CH116	14.50	28.18	195.43	Pass
11a	CH140	14.28	26.79	195.43	Pass
11n(HT20)	CH100	14.67	29.31	250	Pass
11n(HT20)	CH116	14.97	31.41	250	Pass
11n(HT20)	CH140	14.83	30.41	250	Pass
11n(HT40)	CH102	14.38	27.42	250	Pass
11n(HT40)	CH118	14.84	30.48	250	Pass
11n(HT40)	CH134	14.49	28.12	250	Pass
11ac(VHT20)	CH100	14.90	30.90	250	Pass
11ac(VHT20)	CH116	14.53	28.38	250	Pass
11ac(VHT20)	CH140	14.61	28.91	250	Pass
11ac(VHT40)	CH102	14.90	30.90	250	Pass
11ac(VHT40)	CH118	14.54	28.44	250	Pass
11ac(VHT40)	CH134	14.76	29.92	250	Pass
11ac(VHT80)	CH106	14.69	29.44	250	Pass
11ac(VHT80)	CH122	14.81	30.27	250	Pass
11ac(VHT160)	CH114	12.45	17.58	250	Pass
11ax(HE20) (SU)	CH100	14.41	27.61	250	Pass
11ax(HE20) (SU)	CH116	14.49	28.12	250	Pass
11ax(HE20) (SU)	CH140	14.76	29.92	250	Pass
11ax(HE40) (SU)	CH102	14.44	27.80	250	Pass
11ax(HE40) (SU)	CH118	14.72	29.65	250	Pass
11ax(HE40) (SU)	CH134	14.41	27.61	250	Pass
11ax(HE80) (SU)	CH106	14.86	30.62	250	Pass
11ax(HE80) (SU)	CH122	14.93	31.12	250	Pass
11ax(HE160) (SU)	CH114	12.38	17.30	250	Pass
11ax(HE20) (RU26)	CH100	9.66	9.25	250	Pass
11ax(HE20) (RU26)	CH116	9.65	9.23	250	Pass
11ax(HE20) (RU26)	CH140	8.99	7.93	250	Pass
11ax(HE40) (RU26)	CH102	9.90	9.77	250	Pass
11ax(HE40) (RU26)	CH118	9.56	9.04	250	Pass
11ax(HE40) (RU26)	CH134	9.11	8.15	250	Pass
11ax(HE80) (RU26)	CH106	9.62	9.16	250	Pass
11ax(HE80) (RU26)	CH122	9.06	8.05	250	Pass
11ax(HE160) (RU26)	CH114	9.61	9.14	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.01	25.18	948.42	Pass
11a	CH157	14.50	28.18	948.42	Pass
11a	CH165	14.26	26.67	948.42	Pass
11n(HT20)	CH149	14.29	26.85	1000	Pass
11n(HT20)	CH157	14.77	29.99	1000	Pass
11n(HT20)	CH165	14.83	30.41	1000	Pass
11n(HT40)	CH151	14.39	27.48	1000	Pass
11n(HT40)	CH159	14.74	29.79	1000	Pass
11ac(VHT20)	CH149	14.24	26.55	1000	Pass
11ac(VHT20)	CH157	14.32	27.04	1000	Pass
11ac(VHT20)	CH165	14.17	26.12	1000	Pass
11ac(VHT40)	CH151	14.19	26.24	1000	Pass
11ac(VHT40)	CH159	14.84	30.48	1000	Pass
11ac(VHT80)	CH155	14.29	26.85	1000	Pass
11ax(HE20) (SU)	CH149	14.21	26.36	1000	Pass
11ax(HE20) (SU)	CH157	14.16	26.06	1000	Pass
11ax(HE20) (SU)	CH165	14.08	25.59	1000	Pass
11ax(HE40) (SU)	CH151	14.61	28.91	1000	Pass
11ax(HE40) (SU)	CH159	14.31	26.98	1000	Pass
11ax(HE80) (SU)	CH155	14.53	28.38	1000	Pass
11ax(HE20) (RU26)	CH149	9.19	8.30	1000	Pass
11ax(HE20) (RU26)	CH157	9.21	8.34	1000	Pass
11ax(HE20) (RU26)	CH165	9.26	8.43	1000	Pass
11ax(HE40) (RU26)	CH151	9.77	9.48	1000	Pass
11ax(HE40) (RU26)	CH159	9.93	9.84	1000	Pass
11ax(HE80) (RU26)	CH155	9.51	8.93	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.35	13.65	250	Pass
11a	CH44	11.31	13.52	250	Pass
11a	CH48	11.56	14.32	250	Pass
11n(HT20)	CH36	11.39	13.77	250	Pass
11n(HT20)	CH44	11.35	13.65	250	Pass
11n(HT20)	CH48	11.88	15.42	250	Pass
11n(HT40)	CH38	11.55	14.29	250	Pass
11n(HT40)	CH46	11.21	13.21	250	Pass
11ac(VHT20)	CH36	11.76	15.00	250	Pass
11ac(VHT20)	CH44	11.59	14.42	250	Pass
11ac(VHT20)	CH48	11.70	14.79	250	Pass
11ac(VHT40)	CH38	11.03	12.68	250	Pass
11ac(VHT40)	CH46	11.06	12.76	250	Pass
11ac(VHT80)	CH42	11.60	14.45	250	Pass
11ac(VHT160)	CH50	9.89	9.75	250	Pass
11ax(HE20) (SU)	CH36	11.69	14.76	250	Pass
11ax(HE20) (SU)	CH44	11.33	13.58	250	Pass
11ax(HE20) (SU)	CH48	11.59	14.42	250	Pass
11ax(HE40) (SU)	CH38	11.01	12.62	250	Pass
11ax(HE40) (SU)	CH46	11.17	13.09	250	Pass
11ax(HE80) (SU)	CH42	11.62	14.52	250	Pass
11ax(HE160) (SU)	CH50	10.92	12.36	250	Pass
11ax(HE20) (RU26)	CH36	6.80	4.79	250	Pass
11ax(HE20) (RU26)	CH44	6.81	4.80	250	Pass
11ax(HE20) (RU26)	CH48	6.95	4.95	250	Pass
11ax(HE40) (RU26)	CH38	6.52	4.49	250	Pass
11ax(HE40) (RU26)	CH46	6.57	4.54	250	Pass
11ax(HE80) (RU26)	CH42	6.49	4.46	250	Pass
11ax(HE160) (RU26)	CH50	6.35	4.32	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	11.52	14.19	250	Pass
11a	CH60	11.23	13.27	250	Pass
11a	CH64	11.41	13.84	250	Pass
11n(HT20)	CH52	11.22	13.24	250	Pass
11n(HT20)	CH60	11.02	12.65	250	Pass
11n(HT20)	CH64	11.14	13.00	250	Pass
11n(HT40)	CH54	11.13	12.97	250	Pass
11n(HT40)	CH62	11.18	13.12	250	Pass
11ac(VHT20)	CH52	11.05	12.74	250	Pass
11ac(VHT20)	CH60	11.12	12.94	250	Pass
11ac(VHT20)	CH64	11.67	14.69	250	Pass
11ac(VHT40)	CH54	11.76	15.00	250	Pass
11ac(VHT40)	CH62	11.63	14.55	250	Pass
11ac(VHT80)	CH58	11.48	14.06	250	Pass
11ax(HE20) (SU)	CH52	11.58	14.39	250	Pass
11ax(HE20) (SU)	CH60	11.52	14.19	250	Pass
11ax(HE20) (SU)	CH64	11.22	13.24	250	Pass
11ax(HE40) (SU)	CH54	11.64	14.59	250	Pass
11ax(HE40) (SU)	CH62	11.47	14.03	250	Pass
11ax(HE80) (SU)	CH58	11.54	14.26	250	Pass
11ax(HE20) (RU26)	CH52	6.61	4.58	250	Pass
11ax(HE20) (RU26)	CH60	6.62	4.59	250	Pass
11ax(HE20) (RU26)	CH64	6.66	4.63	250	Pass
11ax(HE40) (RU26)	CH54	6.63	4.60	250	Pass
11ax(HE40) (RU26)	CH62	6.69	4.67	250	Pass
11ax(HE80) (RU26)	CH58	6.72	4.70	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	11.63	14.55	195.43	Pass
11a	CH116	11.30	13.49	195.43	Pass
11a	CH140	11.18	13.12	195.43	Pass
11n(HT20)	CH100	11.37	13.71	250	Pass
11n(HT20)	CH116	11.34	13.61	250	Pass
11n(HT20)	CH140	11.43	13.90	250	Pass
11n(HT40)	CH102	11.38	13.74	250	Pass
11n(HT40)	CH118	11.94	15.63	250	Pass
11n(HT40)	CH134	11.74	14.93	250	Pass
11ac(VHT20)	CH100	11.70	14.79	250	Pass
11ac(VHT20)	CH116	11.37	13.71	250	Pass
11ac(VHT20)	CH140	11.71	14.83	250	Pass
11ac(VHT40)	CH102	11.39	13.77	250	Pass
11ac(VHT40)	CH118	11.64	14.59	250	Pass
11ac(VHT40)	CH134	11.76	15.00	250	Pass
11ac(VHT80)	CH106	11.59	14.42	250	Pass
11ac(VHT80)	CH122	11.61	14.49	250	Pass
11ac(VHT160)	CH114	9.32	8.55	250	Pass
11ax(HE20) (SU)	CH100	11.71	14.83	250	Pass
11ax(HE20) (SU)	CH116	11.89	15.45	250	Pass
11ax(HE20) (SU)	CH140	11.56	14.32	250	Pass
11ax(HE40) (SU)	CH102	11.34	13.61	250	Pass
11ax(HE40) (SU)	CH118	11.92	15.56	250	Pass
11ax(HE40) (SU)	CH134	11.91	15.52	250	Pass
11ax(HE80) (SU)	CH106	11.83	15.24	250	Pass
11ax(HE80) (SU)	CH122	11.73	14.89	250	Pass
11ax(HE160) (SU)	CH114	9.15	8.22	250	Pass
11ax(HE20) (RU26)	CH100	6.61	4.58	250	Pass
11ax(HE20) (RU26)	CH116	6.59	4.56	250	Pass
11ax(HE20) (RU26)	CH140	6.55	4.52	250	Pass
11ax(HE40) (RU26)	CH102	6.81	4.80	250	Pass
11ax(HE40) (RU26)	CH118	6.73	4.71	250	Pass
11ax(HE40) (RU26)	CH134	6.54	4.51	250	Pass
11ax(HE80) (RU26)	CH106	6.69	4.67	250	Pass
11ax(HE80) (RU26)	CH122	6.53	4.50	250	Pass
11ax(HE160) (RU26)	CH114	6.49	4.46	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.41	13.84	948.42	Pass
11a	CH157	11.20	13.18	948.42	Pass
11a	CH165	11.66	14.66	948.42	Pass
11n(HT20)	CH149	11.19	13.15	1000	Pass
11n(HT20)	CH157	11.67	14.69	1000	Pass
11n(HT20)	CH165	11.56	14.32	1000	Pass
11n(HT40)	CH151	11.49	14.09	1000	Pass
11n(HT40)	CH159	11.64	14.59	1000	Pass
11ac(VHT20)	CH149	11.54	14.26	1000	Pass
11ac(VHT20)	CH157	11.02	12.65	1000	Pass
11ac(VHT20)	CH165	11.34	13.61	1000	Pass
11ac(VHT40)	CH151	11.29	13.46	1000	Pass
11ac(VHT40)	CH159	11.74	14.93	1000	Pass
11ac(VHT80)	CH155	11.39	13.77	1000	Pass
11ax(HE20) (SU)	CH149	11.31	13.52	1000	Pass
11ax(HE20) (SU)	CH157	11.36	13.68	1000	Pass
11ax(HE20) (SU)	CH165	11.27	13.40	1000	Pass
11ax(HE40) (SU)	CH151	11.81	15.17	1000	Pass
11ax(HE40) (SU)	CH159	11.21	13.21	1000	Pass
11ax(HE80) (SU)	CH155	11.03	12.68	1000	Pass
11ax(HE20) (RU26)	CH149	6.31	4.28	1000	Pass
11ax(HE20) (RU26)	CH157	6.42	4.39	1000	Pass
11ax(HE20) (RU26)	CH165	6.55	4.52	1000	Pass
11ax(HE40) (RU26)	CH151	6.69	4.67	1000	Pass
11ax(HE40) (RU26)	CH159	6.86	4.85	1000	Pass
11ax(HE80) (RU26)	CH155	6.78	4.76	1000	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	11.25	13.34	250	Pass
11a	CH44	11.31	13.52	250	Pass
11a	CH48	11.46	14.00	250	Pass
11n(HT20)	CH36	11.09	12.85	250	Pass
11n(HT20)	CH44	11.37	13.71	250	Pass
11n(HT20)	CH48	11.38	13.74	250	Pass
11n(HT40)	CH38	11.25	13.34	250	Pass
11n(HT40)	CH46	11.64	14.59	250	Pass
11ac(VHT20)	CH36	11.26	13.37	250	Pass
11ac(VHT20)	CH44	11.37	13.71	250	Pass
11ac(VHT20)	CH48	11.20	13.18	250	Pass
11ac(VHT40)	CH38	11.53	14.22	250	Pass
11ac(VHT40)	CH46	11.76	15.00	250	Pass
11ac(VHT80)	CH42	11.20	13.18	250	Pass
11ac(VHT160)	CH50	9.86	9.68	250	Pass
11ax(HE20) (SU)	CH36	11.67	14.69	250	Pass
11ax(HE20) (SU)	CH44	11.63	14.55	250	Pass
11ax(HE20) (SU)	CH48	11.49	14.09	250	Pass
11ax(HE40) (SU)	CH38	11.41	13.84	250	Pass
11ax(HE40) (SU)	CH46	11.77	15.03	250	Pass
11ax(HE80) (SU)	CH42	11.24	13.30	250	Pass
11ax(HE160) (SU)	CH50	10.86	12.19	250	Pass
11ax(HE20) (RU26)	CH36	6.50	4.47	250	Pass
11ax(HE20) (RU26)	CH44	6.85	4.84	250	Pass
11ax(HE20) (RU26)	CH48	6.75	4.73	250	Pass
11ax(HE40) (RU26)	CH38	6.12	4.09	250	Pass
11ax(HE40) (RU26)	CH46	6.37	4.34	250	Pass
11ax(HE80) (RU26)	CH42	6.09	4.06	250	Pass
11ax(HE160) (RU26)	CH50	6.15	4.12	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	11.32	13.55	250	Pass
11a	CH60	11.63	14.55	250	Pass
11a	CH64	11.34	13.61	250	Pass
11n(HT20)	CH52	11.81	15.17	250	Pass
11n(HT20)	CH60	11.22	13.24	250	Pass
11n(HT20)	CH64	11.24	13.30	250	Pass
11n(HT40)	CH54	11.33	13.58	250	Pass
11n(HT40)	CH62	11.28	13.43	250	Pass
11ac(VHT20)	CH52	11.15	13.03	250	Pass
11ac(VHT20)	CH60	11.02	12.65	250	Pass
11ac(VHT20)	CH64	11.87	15.38	250	Pass
11ac(VHT40)	CH54	11.56	14.32	250	Pass
11ac(VHT40)	CH62	11.63	14.55	250	Pass
11ac(VHT80)	CH58	11.68	14.72	250	Pass
11ax(HE20) (SU)	CH52	11.64	14.59	250	Pass
11ax(HE20) (SU)	CH60	11.92	15.56	250	Pass
11ax(HE20) (SU)	CH64	11.52	14.19	250	Pass
11ax(HE40) (SU)	CH54	11.80	15.14	250	Pass
11ax(HE40) (SU)	CH62	11.47	14.03	250	Pass
11ax(HE80) (SU)	CH58	11.99	15.81	250	Pass
11ax(HE20) (RU26)	CH52	6.71	4.69	250	Pass
11ax(HE20) (RU26)	CH60	6.72	4.70	250	Pass
11ax(HE20) (RU26)	CH64	6.46	4.43	250	Pass
11ax(HE40) (RU26)	CH54	6.83	4.82	250	Pass
11ax(HE40) (RU26)	CH62	6.89	4.89	250	Pass
11ax(HE80) (RU26)	CH58	6.32	4.29	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	11.99	15.81	195.43	Pass
11a	CH116	11.50	14.13	195.43	Pass
11a	CH140	11.08	12.82	195.43	Pass
11n(HT20)	CH100	11.07	12.79	250	Pass
11n(HT20)	CH116	11.57	14.35	250	Pass
11n(HT20)	CH140	11.13	12.97	250	Pass
11n(HT40)	CH102	11.18	13.12	250	Pass
11n(HT40)	CH118	11.34	13.61	250	Pass
11n(HT40)	CH134	11.69	14.76	250	Pass
11ac(VHT20)	CH100	11.60	14.45	250	Pass
11ac(VHT20)	CH116	11.83	15.24	250	Pass
11ac(VHT20)	CH140	11.31	13.52	250	Pass
11ac(VHT40)	CH102	11.40	13.80	250	Pass
11ac(VHT40)	CH118	11.14	13.00	250	Pass
11ac(VHT40)	CH134	11.06	12.76	250	Pass
11ac(VHT80)	CH106	11.29	13.46	250	Pass
11ac(VHT80)	CH122	11.41	13.84	250	Pass
11ac(VHT160)	CH114	9.31	8.53	250	Pass
11ax(HE20) (SU)	CH100	11.01	12.62	250	Pass
11ax(HE20) (SU)	CH116	11.19	13.15	250	Pass
11ax(HE20) (SU)	CH140	11.67	14.69	250	Pass
11ax(HE40) (SU)	CH102	11.04	12.71	250	Pass
11ax(HE40) (SU)	CH118	11.32	13.55	250	Pass
11ax(HE40) (SU)	CH134	11.21	13.21	250	Pass
11ax(HE80) (SU)	CH106	11.36	13.68	250	Pass
11ax(HE80) (SU)	CH122	11.13	12.97	250	Pass
11ax(HE160) (SU)	CH114	9.11	8.15	250	Pass
11ax(HE20) (RU26)	CH100	6.61	4.58	250	Pass
11ax(HE20) (RU26)	CH116	6.39	4.36	250	Pass
11ax(HE20) (RU26)	CH140	6.15	4.12	250	Pass
11ax(HE40) (RU26)	CH102	6.81	4.80	250	Pass
11ax(HE40) (RU26)	CH118	6.53	4.50	250	Pass
11ax(HE40) (RU26)	CH134	6.64	4.61	250	Pass
11ax(HE80) (RU26)	CH106	6.29	4.26	250	Pass
11ax(HE80) (RU26)	CH122	6.33	4.30	250	Pass
11ax(HE160) (RU26)	CH114	6.69	4.67	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	11.31	13.52	948.42	Pass
11a	CH157	11.20	13.18	948.42	Pass
11a	CH165	11.46	14.00	948.42	Pass
11n(HT20)	CH149	11.09	12.85	1000	Pass
11n(HT20)	CH157	11.87	15.38	1000	Pass
11n(HT20)	CH165	11.83	15.24	1000	Pass
11n(HT40)	CH151	11.49	14.09	1000	Pass
11n(HT40)	CH159	11.94	15.63	1000	Pass
11ac(VHT20)	CH149	11.67	14.69	1000	Pass
11ac(VHT20)	CH157	11.12	12.94	1000	Pass
11ac(VHT20)	CH165	11.64	14.59	1000	Pass
11ac(VHT40)	CH151	11.29	13.46	1000	Pass
11ac(VHT40)	CH159	11.64	14.59	1000	Pass
11ac(VHT80)	CH155	11.19	13.15	1000	Pass
11ax(HE20) (SU)	CH149	11.31	13.52	1000	Pass
11ax(HE20) (SU)	CH157	11.36	13.68	1000	Pass
11ax(HE20) (SU)	CH165	11.18	13.12	1000	Pass
11ax(HE40) (SU)	CH151	11.81	15.17	1000	Pass
11ax(HE40) (SU)	CH159	11.11	12.91	1000	Pass
11ax(HE80) (SU)	CH155	11.33	13.58	1000	Pass
11ax(HE20) (RU26)	CH149	6.41	4.38	1000	Pass
11ax(HE20) (RU26)	CH157	6.52	4.49	1000	Pass
11ax(HE20) (RU26)	CH165	6.25	4.22	1000	Pass
11ax(HE40) (RU26)	CH151	6.49	4.46	1000	Pass
11ax(HE40) (RU26)	CH159	6.86	4.85	1000	Pass
11ax(HE80) (RU26)	CH155	6.88	4.88	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.31	26.98	250	Pass
11a	CH44	14.32	27.04	250	Pass
11a	CH48	14.52	28.32	250	Pass
11n(HT20)	CH36	14.25	26.62	250	Pass
11n(HT20)	CH44	14.37	27.35	250	Pass
11n(HT20)	CH48	14.65	29.16	250	Pass
11n(HT40)	CH38	14.41	27.62	250	Pass
11n(HT40)	CH46	14.44	27.80	250	Pass
11ac(VHT20)	CH36	14.53	28.36	250	Pass
11ac(VHT20)	CH44	14.49	28.13	250	Pass
11ac(VHT20)	CH48	14.47	27.97	250	Pass
11ac(VHT40)	CH38	14.30	26.90	250	Pass
11ac(VHT40)	CH46	14.43	27.76	250	Pass
11ac(VHT80)	CH42	14.41	27.64	250	Pass
11ac(VHT160)	CH50	12.89	19.43	250	Pass
11ax(HE20) (SU)	CH36	14.69	29.45	250	Pass
11ax(HE20) (SU)	CH44	14.49	28.14	250	Pass
11ax(HE20) (SU)	CH48	14.55	28.51	250	Pass
11ax(HE40) (SU)	CH38	14.22	26.45	250	Pass
11ax(HE40) (SU)	CH46	14.49	28.12	250	Pass
11ax(HE80) (SU)	CH42	14.44	27.83	250	Pass
11ax(HE160) (SU)	CH50	13.90	24.55	250	Pass
11ax(HE20) (RU26)	CH36	9.66	9.25	250	Pass
11ax(HE20) (RU26)	CH44	9.84	9.64	250	Pass
11ax(HE20) (RU26)	CH48	9.86	9.69	250	Pass
11ax(HE40) (RU26)	CH38	9.33	8.58	250	Pass
11ax(HE40) (RU26)	CH46	9.48	8.87	250	Pass
11ax(HE80) (RU26)	CH42	9.30	8.52	250	Pass
11ax(HE160) (RU26)	CH50	9.26	8.44	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.43	27.74	250	Pass
11a	CH60	14.44	27.83	250	Pass
11a	CH64	14.39	27.45	250	Pass
11n(HT20)	CH52	14.54	28.41	250	Pass
11n(HT20)	CH60	14.13	25.89	250	Pass
11n(HT20)	CH64	14.20	26.31	250	Pass
11n(HT40)	CH54	14.24	26.55	250	Pass
11n(HT40)	CH62	14.24	26.55	250	Pass
11ac(VHT20)	CH52	14.11	25.77	250	Pass
11ac(VHT20)	CH60	14.08	25.59	250	Pass
11ac(VHT20)	CH64	14.78	30.07	250	Pass
11ac(VHT40)	CH54	14.67	29.32	250	Pass
11ac(VHT40)	CH62	14.64	29.11	250	Pass
11ac(VHT80)	CH58	14.59	28.78	250	Pass
11ax(HE20) (SU)	CH52	14.62	28.98	250	Pass
11ax(HE20) (SU)	CH60	14.73	29.75	250	Pass
11ax(HE20) (SU)	CH64	14.38	27.43	250	Pass
11ax(HE40) (SU)	CH54	14.73	29.72	250	Pass
11ax(HE40) (SU)	CH62	14.48	28.06	250	Pass
11ax(HE80) (SU)	CH58	14.78	30.07	250	Pass
11ax(HE20) (RU26)	CH52	9.67	9.27	250	Pass
11ax(HE20) (RU26)	CH60	9.68	9.29	250	Pass
11ax(HE20) (RU26)	CH64	9.57	9.06	250	Pass
11ax(HE40) (RU26)	CH54	9.74	9.42	250	Pass
11ax(HE40) (RU26)	CH62	9.80	9.55	250	Pass
11ax(HE80) (RU26)	CH58	9.53	8.98	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.82	30.37	195.43	Pass
11a	CH116	14.41	27.62	195.43	Pass
11a	CH140	14.14	25.95	195.43	Pass
11n(HT20)	CH100	14.23	26.50	250	Pass
11n(HT20)	CH116	14.47	27.97	250	Pass
11n(HT20)	CH140	14.29	26.87	250	Pass
11n(HT40)	CH102	14.29	26.86	250	Pass
11n(HT40)	CH118	14.66	29.25	250	Pass
11n(HT40)	CH134	14.73	29.69	250	Pass
11ac(VHT20)	CH100	14.66	29.25	250	Pass
11ac(VHT20)	CH116	14.62	28.95	250	Pass
11ac(VHT20)	CH140	14.52	28.35	250	Pass
11ac(VHT40)	CH102	14.41	27.58	250	Pass
11ac(VHT40)	CH118	14.41	27.59	250	Pass
11ac(VHT40)	CH134	14.43	27.76	250	Pass
11ac(VHT80)	CH106	14.45	27.88	250	Pass
11ac(VHT80)	CH122	14.52	28.32	250	Pass
11ac(VHT160)	CH114	12.33	17.08	250	Pass
11ax(HE20) (SU)	CH100	14.38	27.44	250	Pass
11ax(HE20) (SU)	CH116	14.56	28.60	250	Pass
11ax(HE20) (SU)	CH140	14.63	29.01	250	Pass
11ax(HE40) (SU)	CH102	14.20	26.32	250	Pass
11ax(HE40) (SU)	CH118	14.64	29.11	250	Pass
11ax(HE40) (SU)	CH134	14.58	28.74	250	Pass
11ax(HE80) (SU)	CH106	14.61	28.92	250	Pass
11ax(HE80) (SU)	CH122	14.45	27.87	250	Pass
11ax(HE160) (SU)	CH114	12.14	16.37	250	Pass
11ax(HE20) (RU26)	CH100	9.62	9.16	250	Pass
11ax(HE20) (RU26)	CH116	9.50	8.92	250	Pass
11ax(HE20) (RU26)	CH140	9.36	8.64	250	Pass
11ax(HE40) (RU26)	CH102	9.82	9.59	250	Pass
11ax(HE40) (RU26)	CH118	9.64	9.21	250	Pass
11ax(HE40) (RU26)	CH134	9.60	9.12	250	Pass
11ax(HE80) (RU26)	CH106	9.50	8.92	250	Pass
11ax(HE80) (RU26)	CH122	9.44	8.79	250	Pass
11ax(HE160) (RU26)	CH114	9.60	9.12	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.37	27.36	948.42	Pass
11a	CH157	14.21	26.37	948.42	Pass
11a	CH165	14.57	28.65	948.42	Pass
11n(HT20)	CH149	14.15	26.01	1000	Pass
11n(HT20)	CH157	14.78	30.07	1000	Pass
11n(HT20)	CH165	14.71	29.56	1000	Pass
11n(HT40)	CH151	14.50	28.19	1000	Pass
11n(HT40)	CH159	14.80	30.22	1000	Pass
11ac(VHT20)	CH149	14.62	28.95	1000	Pass
11ac(VHT20)	CH157	14.08	25.59	1000	Pass
11ac(VHT20)	CH165	14.50	28.20	1000	Pass
11ac(VHT40)	CH151	14.30	26.92	1000	Pass
11ac(VHT40)	CH159	14.70	29.52	1000	Pass
11ac(VHT80)	CH155	14.30	26.92	1000	Pass
11ax(HE20) (SU)	CH149	14.32	27.04	1000	Pass
11ax(HE20) (SU)	CH157	14.37	27.35	1000	Pass
11ax(HE20) (SU)	CH165	14.24	26.52	1000	Pass
11ax(HE40) (SU)	CH151	14.82	30.34	1000	Pass
11ax(HE40) (SU)	CH159	14.17	26.13	1000	Pass
11ax(HE80) (SU)	CH155	14.19	26.26	1000	Pass
11ax(HE20) (RU26)	CH149	9.37	8.65	1000	Pass
11ax(HE20) (RU26)	CH157	9.48	8.87	1000	Pass
11ax(HE20) (RU26)	CH165	9.41	8.74	1000	Pass
11ax(HE40) (RU26)	CH151	9.60	9.12	1000	Pass
11ax(HE40) (RU26)	CH159	9.87	9.71	1000	Pass
11ax(HE80) (RU26)	CH155	9.84	9.64	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2490301-604 Data Part 1.pdf”.
Note [2]: All antenna were pre tested, but only the worst case has been reported in this report.
Note [3]: All the configurations were pre tested, only the worst configuration has been reported in this report.
Test Data
SISO-Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.77	16.67
11a	CH44	23.49	16.68
11a	CH48	23.81	16.67
11n(HT20)	CH36	23.86	17.72
11n(HT20)	CH44	23.88	17.72
11n(HT20)	CH48	24.38	17.73
11n(HT40)	CH38	43.81	36.08
11n(HT40)	CH46	43.64	36.11
11ac(VHT20)	CH36	23.66	17.72
11ac(VHT20)	CH44	23.53	17.72
11ac(VHT20)	CH48	23.69	17.72
11ac(VHT40)	CH38	43.28	36.05
11ac(VHT40)	CH46	43.25	36.06
11ac(VHT80)	CH42	86.93	75.20
11ac(VHT160)	CH50	164.40	153.48
11ax(HE20) (SU)	CH36	23.21	18.86
11ax(HE20) (SU)	CH44	23.19	18.87
11ax(HE20) (SU)	CH48	23.23	18.89
11ax(HE40) (SU)	CH38	42.91	37.48
11ax(HE40) (SU)	CH46	42.84	37.48
11ax(HE80) (SU)	CH42	83.49	76.71
11ax(HE160) (SU)	CH50	163.80	154.96

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.57	16.66
11a	CH60	23.64	16.66
11a	CH64	23.44	16.66
11n(HT20)	CH52	23.42	17.73
11n(HT20)	CH60	23.95	17.72
11n(HT20)	CH64	23.56	17.71
11n(HT40)	CH54	43.39	36.06
11n(HT40)	CH62	43.48	36.08
11ac(VHT20)	CH52	23.51	17.73
11ac(VHT20)	CH60	23.44	17.73
11ac(VHT20)	CH64	23.63	17.74
11ac(VHT40)	CH54	43.28	36.07
11ac(VHT40)	CH62	42.98	36.09
11ac(VHT80)	CH58	88.85	75.25
11ax(HE20) (SU)	CH52	23.13	18.88
11ax(HE20) (SU)	CH60	23.16	18.87
11ax(HE20) (SU)	CH64	23.19	18.88
11ax(HE40) (SU)	CH54	42.89	37.50
11ax(HE40) (SU)	CH62	42.80	37.47
11ax(HE80) (SU)	CH58	83.31	76.78

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	23.69	16.68
11a	CH116	23.34	16.67
11a	CH140	23.48	16.70
11n(HT20)	CH100	23.36	17.71
11n(HT20)	CH116	23.67	17.72
11n(HT20)	CH140	23.95	17.73
11n(HT40)	CH102	43.28	36.09
11n(HT40)	CH118	43.36	36.06
11n(HT40)	CH134	43.30	36.06
11ac(VHT20)	CH100	23.20	17.73
11ac(VHT20)	CH116	23.63	17.72
11ac(VHT20)	CH140	24.05	17.73
11ac(VHT40)	CH102	43.75	36.10
11ac(VHT40)	CH118	43.24	36.06
11ac(VHT40)	CH134	44.10	36.07
11ac(VHT80)	CH106	87.06	75.19
11ac(VHT80)	CH122	86.63	75.23
11ac(VHT160)	CH114	163.90	153.56
11ax(HE20) (SU)	CH100	23.19	18.88
11ax(HE20) (SU)	CH116	23.24	18.87
11ax(HE20) (SU)	CH140	23.50	18.87
11ax(HE40) (SU)	CH102	42.80	37.49
11ax(HE40) (SU)	CH118	42.76	37.48
11ax(HE40) (SU)	CH134	42.82	37.48
11ax(HE80) (SU)	CH106	83.34	76.73
11ax(HE80) (SU)	CH122	83.22	76.78
11ax(HE160) (SU)	CH114	163.70	155.08

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.56	16.66
11a	CH157	23.59	16.69
11a	CH165	22.97	16.69
11n(HT20)	CH149	23.63	17.78
11n(HT20)	CH157	23.63	17.78
11n(HT20)	CH165	23.18	17.75
11n(HT40)	CH151	43.46	36.07
11n(HT40)	CH159	43.40	36.08
11ac(VHT20)	CH149	23.55	17.73
11ac(VHT20)	CH157	23.60	17.73
11ac(VHT20)	CH165	23.06	17.73
11ac(VHT40)	CH151	42.97	36.07
11ac(VHT40)	CH159	43.02	36.07
11ac(VHT80)	CH155	86.09	75.21
11ax(HE20) (SU)	CH149	23.24	18.87
11ax(HE20) (SU)	CH157	23.19	18.89
11ax(HE20) (SU)	CH165	23.23	18.88
11ax(HE40) (SU)	CH151	42.83	37.48
11ax(HE40) (SU)	CH159	42.78	37.48
11ax(HE80) (SU)	CH155	83.14	76.68

A.3 6 dB Bandwidth

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2490301-604 Data Part 2.pdf”.
Note [2]: All antenna were pre tested, but only the worst case has been reported in this report.
Note [3]: All the configurations were pre tested, only the worst configuration has been reported in this report.
Test Data
SISO-Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.50	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	15.30	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.30	500.00	Pass
11n(HT40)	CH151	35.30	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	15.30	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	15.30	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.30	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass
11ax(HE20) (SU)	CH149	16.30	500.00	Pass
11ax(HE20) (SU)	CH157	15.30	500.00	Pass
11ax(HE20) (SU)	CH165	16.30	500.00	Pass
11ax(HE40) (SU)	CH151	35.30	500.00	Pass
11ax(HE40) (SU)	CH159	35.30	500.00	Pass
11ax(HE80) (SU)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ2490301-604 Data Part 3.pdf”.
Note [2]: All antenna were pre tested, but only the worst case has been reported in this report.
Note [3]: All the configurations were pre tested, only the worst configuration has been reported in this report.
Test Data
SISO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	3.53	11.00	Pass
11a	CH44	3.43	11.00	Pass
11a	CH48	3.68	11.00	Pass
11n(HT20)	CH36	3.39	11.00	Pass
11n(HT20)	CH44	3.19	11.00	Pass
11n(HT20)	CH48	3.30	11.00	Pass
11n(HT40)	CH38	1.09	11.00	Pass
11n(HT40)	CH46	0.00	11.00	Pass
11ac(VHT20)	CH36	3.41	11.00	Pass
11ac(VHT20)	CH44	3.18	11.00	Pass
11ac(VHT20)	CH48	3.39	11.00	Pass
11ac(VHT40)	CH38	0.08	11.00	Pass
11ac(VHT40)	CH46	0.10	11.00	Pass
11ac(VHT80)	CH42	-2.75	11.00	Pass
11ac(VHT160)	CH50	-7.25	11.00	Pass
11ax(HE20) (SU)	CH36	3.11	11.00	Pass
11ax(HE20) (SU)	CH44	3.06	11.00	Pass
11ax(HE20) (SU)	CH48	3.28	11.00	Pass
11ax(HE40) (SU)	CH38	-0.15	11.00	Pass
11ax(HE40) (SU)	CH46	-0.34	11.00	Pass
11ax(HE80) (SU)	CH42	-2.91	11.00	Pass
11ax(HE160) (SU)	CH50	-6.60	11.00	Pass
11ax(HE20) (RU26)	CH36	5.89	11.00	Pass
11ax(HE20) (RU26)	CH44	5.68	11.00	Pass
11ax(HE20) (RU26)	CH48	5.68	11.00	Pass
11ax(HE40) (RU26)	CH38	6.02	11.00	Pass
11ax(HE40) (RU26)	CH46	5.79	11.00	Pass
11ax(HE80) (RU26)	CH42	5.88	11.00	Pass
11ax(HE160) (RU26)	CH50	5.46	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	3.65	11.00	Pass
11a	CH60	3.65	11.00	Pass
11a	CH64	3.81	11.00	Pass
11n(HT20)	CH52	3.35	11.00	Pass
11n(HT20)	CH60	3.55	11.00	Pass
11n(HT20)	CH64	3.63	11.00	Pass
11n(HT40)	CH54	0.16	11.00	Pass
11n(HT40)	CH62	0.20	11.00	Pass
11ac(VHT20)	CH52	3.51	11.00	Pass
11ac(VHT20)	CH60	3.41	11.00	Pass
11ac(VHT20)	CH64	3.41	11.00	Pass
11ac(VHT40)	CH54	0.25	11.00	Pass
11ac(VHT40)	CH62	0.19	11.00	Pass
11ac(VHT80)	CH58	-2.66	11.00	Pass
11ax(HE20) (SU)	CH52	3.20	11.00	Pass
11ax(HE20) (SU)	CH60	3.45	11.00	Pass
11ax(HE20) (SU)	CH64	3.38	11.00	Pass
11ax(HE40) (SU)	CH54	-0.07	11.00	Pass
11ax(HE40) (SU)	CH62	-0.04	11.00	Pass
11ax(HE80) (SU)	CH58	-2.68	11.00	Pass
11ax(HE20) (RU26)	CH52	5.81	11.00	Pass
11ax(HE20) (RU26)	CH60	6.07	11.00	Pass
11ax(HE20) (RU26)	CH64	5.97	11.00	Pass
11ax(HE40) (RU26)	CH54	5.75	11.00	Pass
11ax(HE40) (RU26)	CH62	5.98	11.00	Pass
11ax(HE80) (RU26)	CH58	5.77	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	3.77	9.93	Pass
11a	CH116	3.59	9.93	Pass
11a	CH140	2.97	9.93	Pass
11n(HT20)	CH100	3.62	11.00	Pass
11n(HT20)	CH116	3.52	11.00	Pass
11n(HT20)	CH140	2.66	11.00	Pass
11n(HT40)	CH102	0.13	11.00	Pass
11n(HT40)	CH118	0.13	11.00	Pass
11n(HT40)	CH134	-0.56	11.00	Pass
11ac(VHT20)	CH100	3.32	11.00	Pass
11ac(VHT20)	CH116	3.33	11.00	Pass
11ac(VHT20)	CH140	2.60	11.00	Pass
11ac(VHT40)	CH102	0.24	11.00	Pass
11ac(VHT40)	CH118	0.07	11.00	Pass
11ac(VHT40)	CH134	-0.58	11.00	Pass
11ac(VHT80)	CH106	-2.78	11.00	Pass
11ac(VHT80)	CH122	-3.05	11.00	Pass
11ac(VHT160)	CH114	-7.37	11.00	Pass
11ax(HE20) (SU)	CH100	2.89	11.00	Pass
11ax(HE20) (SU)	CH116	2.77	11.00	Pass
11ax(HE20) (SU)	CH140	2.02	11.00	Pass
11ax(HE40) (SU)	CH102	-0.25	11.00	Pass
11ax(HE40) (SU)	CH118	-0.46	11.00	Pass
11ax(HE40) (SU)	CH134	-1.20	11.00	Pass
11ax(HE80) (SU)	CH106	-3.26	11.00	Pass
11ax(HE80) (SU)	CH122	-3.51	11.00	Pass
11ax(HE160) (SU)	CH114	-7.55	11.00	Pass
11ax(HE20) (RU26)	CH100	5.98	11.00	Pass
11ax(HE20) (RU26)	CH116	5.89	11.00	Pass
11ax(HE20) (RU26)	CH140	5.22	11.00	Pass
11ax(HE40) (RU26)	CH102	5.90	11.00	Pass
11ax(HE40) (RU26)	CH118	5.96	11.00	Pass
11ax(HE40) (RU26)	CH134	4.98	11.00	Pass
11ax(HE80) (RU26)	CH106	6.09	11.00	Pass
11ax(HE80) (RU26)	CH122	5.46	11.00	Pass
11ax(HE160) (RU26)	CH114	5.30	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	0.68	29.77	Pass
11a	CH157	0.56	29.77	Pass
11a	CH165	0.48	29.77	Pass
11n(HT20)	CH149	0.48	30.00	Pass
11n(HT20)	CH157	0.45	30.00	Pass
11n(HT20)	CH165	0.85	30.00	Pass
11n(HT40)	CH151	-2.98	30.00	Pass
11n(HT40)	CH159	-2.72	30.00	Pass
11ac(VHT20)	CH149	0.34	30.00	Pass
11ac(VHT20)	CH157	0.36	30.00	Pass
11ac(VHT20)	CH165	0.45	30.00	Pass
11ac(VHT40)	CH151	-2.76	30.00	Pass
11ac(VHT40)	CH159	-2.72	30.00	Pass
11ac(VHT80)	CH155	-5.56	30.00	Pass
11ax(HE20) (SU)	CH149	-0.09	30.00	Pass
11ax(HE20) (SU)	CH157	-0.13	30.00	Pass
11ax(HE20) (SU)	CH165	0.13	30.00	Pass
11ax(HE40) (SU)	CH151	-3.52	30.00	Pass
11ax(HE40) (SU)	CH159	-3.15	30.00	Pass
11ax(HE80) (SU)	CH155	-5.84	30.00	Pass
11ax(HE20) (RU26)	CH149	2.39	30.00	Pass
11ax(HE20) (RU26)	CH157	2.52	30.00	Pass
11ax(HE20) (RU26)	CH165	2.33	30.00	Pass
11ax(HE40) (RU26)	CH151	2.29	30.00	Pass
11ax(HE40) (RU26)	CH159	2.27	30.00	Pass
11ax(HE80) (RU26)	CH155	2.83	30.00	Pass

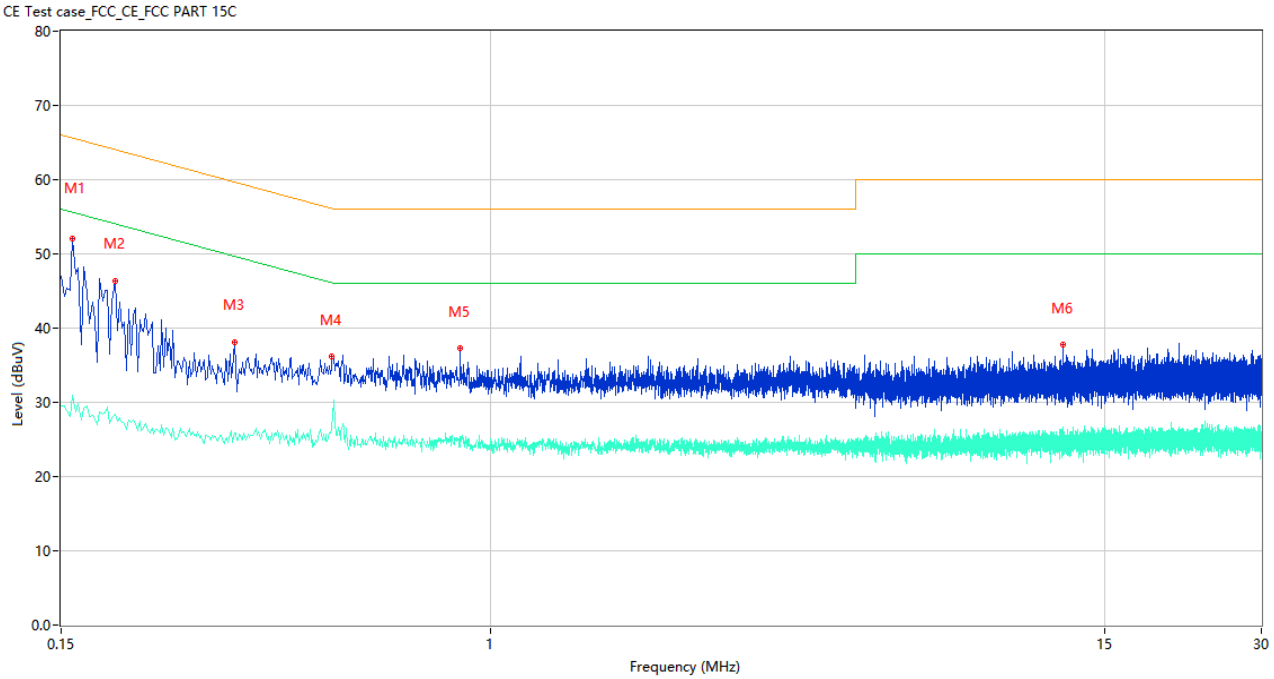
A.5 Conducted Emissions

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.

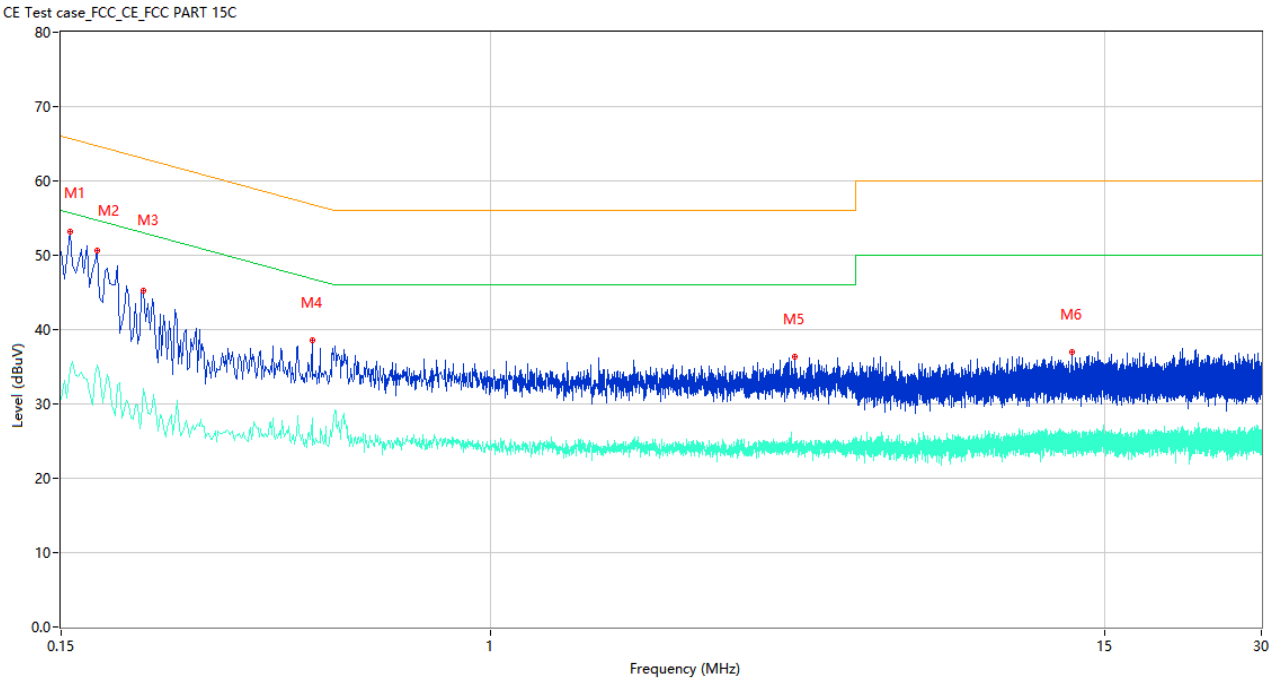
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	52.03	9.78	65.57	13.54	Peak	L	Pass
1**	0.158	30.92	9.78	55.57	24.65	AV	L	Pass
2	0.190	46.35	9.78	64.04	17.69	Peak	L	Pass
2**	0.190	28.37	9.78	54.04	25.67	AV	L	Pass
3	0.322	38.16	10.20	59.66	21.50	Peak	L	Pass
3**	0.322	25.92	10.20	49.66	23.74	AV	L	Pass
4	0.496	36.15	9.98	56.07	19.92	Peak	L	Pass
4**	0.496	26.55	9.98	46.07	19.52	AV	L	Pass
5	0.874	37.26	10.40	56.00	18.74	Peak	L	Pass
5**	0.874	24.04	10.40	46.00	21.96	AV	L	Pass
6	12.500	37.76	10.55	60.00	22.24	Peak	L	Pass
6**	12.500	26.65	10.55	50.00	23.35	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	53.10	9.78	65.67	12.57	Peak	N	Pass
1**	0.156	34.76	9.78	55.67	20.91	AV	N	Pass
2	0.176	50.68	9.78	64.67	13.99	Peak	N	Pass
2**	0.176	35.21	9.78	54.67	19.46	AV	N	Pass
3	0.216	45.21	9.77	62.97	17.76	Peak	N	Pass
3**	0.216	32.04	9.77	52.97	20.93	AV	N	Pass
4	0.454	38.54	10.02	56.80	18.26	Peak	N	Pass
4**	0.454	28.13	10.02	46.80	18.67	AV	N	Pass
5	3.826	36.39	10.31	56.00	19.61	Peak	N	Pass
5**	3.826	24.00	10.31	46.00	22.00	AV	N	Pass
6	12.992	37.03	10.50	60.00	22.97	Peak	N	Pass
6**	12.992	25.10	10.50	50.00	24.90	AV	N	Pass

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

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

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

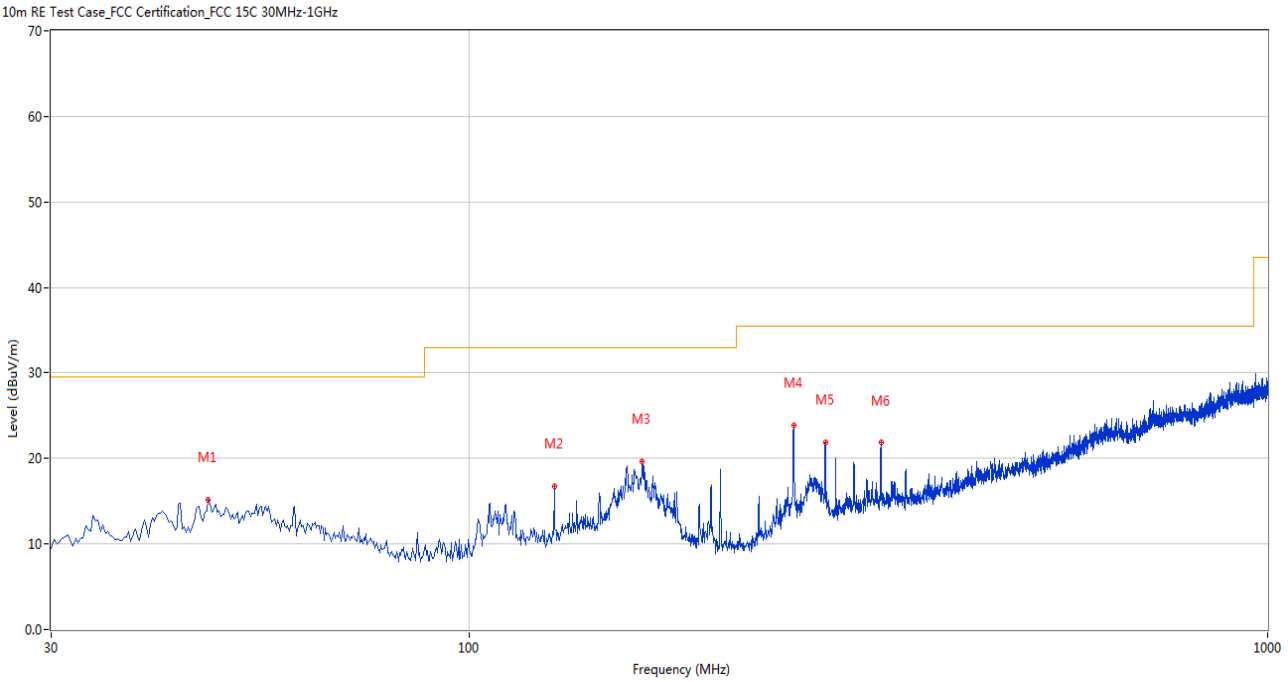
Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Note [5]: For Multiple transmitter output, the quantity *10 log (NANT)* dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding *10 log(NANT)* if the measurements are made relative to the in-band emissions on the individual outputs.

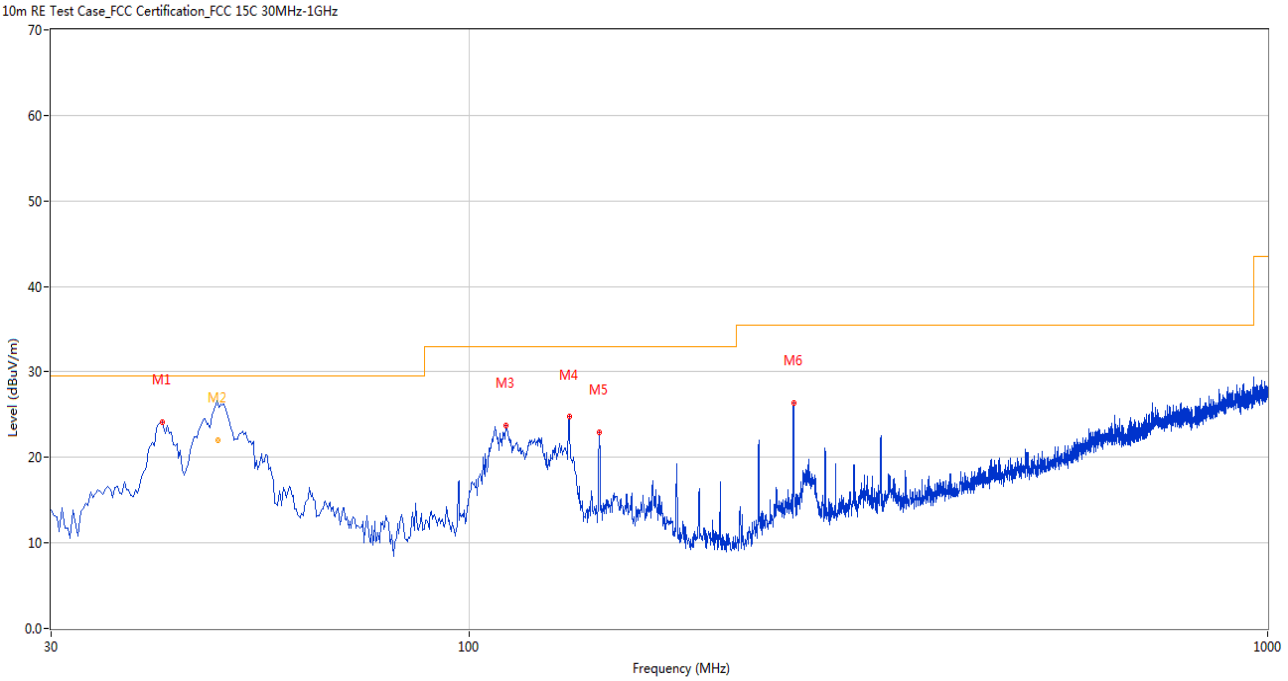
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.213	15.12	-26.18	29.5	14.38	Peak	316.00	200	Horizontal	Pass
2	127.946	16.70	-27.27	33.0	16.30	Peak	0.00	300	Horizontal	Pass
3	164.796	19.67	-25.65	33.0	13.33	Peak	9.00	400	Horizontal	Pass
4	254.984	23.92	-26.74	35.5	11.58	Peak	34.00	300	Horizontal	Pass
5	279.470	21.84	-25.44	35.5	13.66	Peak	220.00	400	Horizontal	Pass
6	327.958	21.82	-23.81	35.5	13.68	Peak	236.00	300	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	41.395	24.11	-26.42	29.5	5.39	Peak	183.00	100	Vertical	Pass
2	48.583	25.54	-26.07	29.5	3.96	Peak	157.00	156	Vertical	N/A
2*	48.583	21.97	-26.07	29.5	7.53	QP	157.00	156	Vertical	Pass
3	111.217	23.74	-28.98	33.0	9.26	Peak	171.00	100	Vertical	Pass
4	133.522	24.72	-26.79	33.0	8.28	Peak	93.00	100	Vertical	Pass
5	145.644	22.94	-25.76	33.0	10.06	Peak	22.00	100	Vertical	Pass
6	254.984	26.31	-26.74	35.5	9.19	Peak	295.00	100	Vertical	Pass

Note [1]: The spurious above 18G is noise only, do not show on the report.

Note [2]: All antenna were pre tested, but only the worst case has been reported in this report.

Note [3]: All the configurations were pre tested, only the worst configuration has been reported in this report.

SISO-Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.992	39.44	74.0	34.56	Peak	282.00	200	Horizontal	Pass
1**	1510.992	28.51	54.0	25.49	AV	282.00	200	Horizontal	Pass
2	2352.526	43.17	74.0	30.83	Peak	95.00	400	Horizontal	Pass
2**	2352.526	34.27	54.0	19.73	AV	95.00	400	Horizontal	Pass
3	4208.095	44.13	74.0	29.87	Peak	16.00	200	Horizontal	Pass
3**	4208.095	37.03	54.0	16.97	AV	16.00	200	Horizontal	Pass
4	7433.024	50.55	74.0	23.45	Peak	311.00	100	Horizontal	Pass
4**	7433.024	41.73	54.0	12.27	AV	311.00	100	Horizontal	Pass
5	12515.559	51.78	74.0	22.22	Peak	121.00	100	Horizontal	Pass
5**	12515.559	45.66	54.0	8.34	AV	121.00	100	Horizontal	Pass
6	16142.488	56.71	74.0	17.29	Peak	130.00	100	Horizontal	Pass
6**	16142.488	44.28	54.0	9.72	AV	130.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.983	37.19	74.0	36.81	Peak	125.00	100	Vertical	Pass
1**	1573.983	28.96	54.0	25.04	AV	125.00	100	Vertical	Pass
2	2348.584	41.84	74.0	32.16	Peak	151.00	300	Vertical	Pass
2**	2348.584	34.65	54.0	19.35	AV	151.00	300	Vertical	Pass
3	3921.413	43.93	74.0	30.07	Peak	175.00	200	Vertical	Pass
3**	3921.413	33.83	54.0	20.17	AV	175.00	200	Vertical	Pass
4	7679.581	51.29	74.0	22.71	Peak	90.00	100	Vertical	Pass
4**	7679.581	45.32	54.0	8.68	AV	90.00	100	Vertical	Pass
5	12523.917	52.59	74.0	21.41	Peak	208.00	400	Vertical	Pass
5**	12523.917	44.19	54.0	9.81	AV	208.00	400	Vertical	Pass
6	15382.883	51.52	74.0	22.48	Peak	14.00	200	Vertical	Pass
6**	15382.883	41.64	54.0	12.36	AV	14.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.870	38.28	74.0	35.72	Peak	212.00	300	Horizontal	Pass
1**	1511.870	31.32	54.0	22.68	AV	212.00	300	Horizontal	Pass
2	2352.851	46.79	74.0	27.21	Peak	135.00	100	Horizontal	Pass
2**	2352.851	33.13	54.0	20.87	AV	135.00	100	Horizontal	Pass
3	4209.263	48.19	74.0	25.81	Peak	200.00	200	Horizontal	Pass
3**	4209.263	36.62	54.0	17.38	AV	200.00	200	Horizontal	Pass
4	7433.206	52.04	74.0	21.96	Peak	135.00	200	Horizontal	Pass
4**	7433.206	45.10	54.0	8.90	AV	135.00	200	Horizontal	Pass
5	12512.843	53.17	74.0	20.83	Peak	68.00	100	Horizontal	Pass
5**	12512.843	46.05	54.0	7.95	AV	68.00	100	Horizontal	Pass
6	16143.641	53.75	74.0	20.25	Peak	304.00	400	Horizontal	Pass
6**	16143.641	47.25	54.0	6.75	AV	304.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.398	37.46	74.0	36.54	Peak	323.00	400	Vertical	Pass
1**	1568.398	27.47	54.0	26.53	AV	323.00	400	Vertical	Pass
2	2345.917	42.72	74.0	31.28	Peak	6.00	200	Vertical	Pass
2**	2345.917	37.16	54.0	16.84	AV	6.00	200	Vertical	Pass
3	3916.761	44.46	74.0	29.54	Peak	66.00	200	Vertical	Pass
3**	3916.761	33.98	54.0	20.02	AV	66.00	200	Vertical	Pass
4	7676.168	51.76	74.0	22.24	Peak	298.00	400	Vertical	Pass
4**	7676.168	45.54	54.0	8.46	AV	298.00	400	Vertical	Pass
5	12522.906	50.48	74.0	23.52	Peak	89.00	100	Vertical	Pass
5**	12522.906	45.31	54.0	8.69	AV	89.00	100	Vertical	Pass
6	15380.963	52.24	74.0	21.76	Peak	250.00	400	Vertical	Pass
6**	15380.963	43.30	54.0	10.70	AV	250.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.704	39.62	74.0	34.38	Peak	339.00	200	Horizontal	Pass
1**	1511.704	29.57	54.0	24.43	AV	339.00	200	Horizontal	Pass
2	2348.453	44.87	74.0	29.13	Peak	226.00	300	Horizontal	Pass
2**	2348.453	37.48	54.0	16.52	AV	226.00	300	Horizontal	Pass
3	4205.394	47.78	74.0	26.22	Peak	34.00	200	Horizontal	Pass
3**	4205.394	37.82	54.0	16.18	AV	34.00	200	Horizontal	Pass
4	7434.386	54.32	74.0	19.68	Peak	348.00	400	Horizontal	Pass
4**	7434.386	42.85	54.0	11.15	AV	348.00	400	Horizontal	Pass
5	12518.026	55.66	74.0	18.34	Peak	149.00	200	Horizontal	Pass
5**	12518.026	47.04	54.0	6.96	AV	149.00	200	Horizontal	Pass
6	16147.297	54.47	74.0	19.53	Peak	192.00	200	Horizontal	Pass
6**	16147.297	43.77	54.0	10.23	AV	192.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.484	36.54	74.0	37.46	Peak	312.00	100	Vertical	Pass
1**	1570.484	26.77	54.0	27.23	AV	312.00	100	Vertical	Pass
2	2347.069	44.94	74.0	29.06	Peak	230.00	300	Vertical	Pass
2**	2347.069	33.37	54.0	20.63	AV	230.00	300	Vertical	Pass
3	3917.091	44.76	74.0	29.24	Peak	258.00	200	Vertical	Pass
3**	3917.091	36.21	54.0	17.79	AV	258.00	200	Vertical	Pass
4	7680.446	52.09	74.0	21.91	Peak	282.00	300	Vertical	Pass
4**	7680.446	44.01	54.0	9.99	AV	282.00	300	Vertical	Pass
5	12529.731	55.75	74.0	18.25	Peak	275.00	100	Vertical	Pass
5**	12529.731	42.76	54.0	11.24	AV	275.00	100	Vertical	Pass
6	15382.236	53.18	74.0	20.82	Peak	348.00	400	Vertical	Pass
6**	15382.236	44.57	54.0	9.43	AV	348.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.433	38.79	74.0	35.21	Peak	68.00	200	Horizontal	Pass
1**	1510.433	30.68	54.0	23.32	AV	68.00	200	Horizontal	Pass
2	2350.265	43.23	74.0	30.77	Peak	37.00	300	Horizontal	Pass
2**	2350.265	33.61	54.0	20.39	AV	37.00	300	Horizontal	Pass
3	4204.489	45.63	74.0	28.37	Peak	57.00	200	Horizontal	Pass
3**	4204.489	35.54	54.0	18.46	AV	57.00	200	Horizontal	Pass
4	7435.140	53.84	74.0	20.16	Peak	334.00	100	Horizontal	Pass
4**	7435.140	43.83	54.0	10.17	AV	334.00	100	Horizontal	Pass
5	12514.216	53.96	74.0	20.04	Peak	280.00	400	Horizontal	Pass
5**	12514.216	45.43	54.0	8.57	AV	280.00	400	Horizontal	Pass
6	16147.021	54.33	74.0	19.67	Peak	192.00	400	Horizontal	Pass
6**	16147.021	43.46	54.0	10.54	AV	192.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.389	38.31	74.0	35.69	Peak	86.00	400	Vertical	Pass
1**	1571.389	26.55	54.0	27.45	AV	86.00	400	Vertical	Pass
2	2347.812	45.02	74.0	28.98	Peak	178.00	300	Vertical	Pass
2**	2347.812	35.03	54.0	18.97	AV	178.00	300	Vertical	Pass
3	3917.839	47.94	74.0	26.06	Peak	339.00	200	Vertical	Pass
3**	3917.839	35.37	54.0	18.63	AV	339.00	200	Vertical	Pass
4	7681.943	50.52	74.0	23.48	Peak	288.00	200	Vertical	Pass
4**	7681.943	44.47	54.0	9.53	AV	288.00	200	Vertical	Pass
5	12524.339	54.51	74.0	19.49	Peak	283.00	100	Vertical	Pass
5**	12524.339	41.84	54.0	12.16	AV	283.00	100	Vertical	Pass
6	15376.385	53.21	74.0	20.79	Peak	226.00	300	Vertical	Pass
6**	15376.385	41.72	54.0	12.28	AV	226.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.532	36.27	74.0	37.73	Peak	161.00	200	Horizontal	Pass
1**	1513.532	27.86	54.0	26.14	AV	161.00	200	Horizontal	Pass
2	2351.203	44.73	74.0	29.27	Peak	31.00	300	Horizontal	Pass
2**	2351.203	34.88	54.0	19.12	AV	31.00	300	Horizontal	Pass
3	4210.966	44.58	74.0	29.42	Peak	185.00	200	Horizontal	Pass
3**	4210.966	39.52	54.0	14.48	AV	185.00	200	Horizontal	Pass
4	7433.324	53.31	74.0	20.69	Peak	178.00	200	Horizontal	Pass
4**	7433.324	40.62	54.0	13.38	AV	178.00	200	Horizontal	Pass
5	12512.404	51.47	74.0	22.53	Peak	353.00	200	Horizontal	Pass
5**	12512.404	44.56	54.0	9.44	AV	353.00	200	Horizontal	Pass
6	16140.337	54.35	74.0	19.65	Peak	33.00	300	Horizontal	Pass
6**	16140.337	47.54	54.0	6.46	AV	33.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.752	36.59	74.0	37.41	Peak	325.00	100	Vertical	Pass
1**	1568.752	26.84	54.0	27.16	AV	325.00	100	Vertical	Pass
2	2346.177	45.47	74.0	28.53	Peak	211.00	400	Vertical	Pass
2**	2346.177	32.61	54.0	21.39	AV	211.00	400	Vertical	Pass
3	3919.958	48.09	74.0	25.91	Peak	274.00	200	Vertical	Pass
3**	3919.958	35.25	54.0	18.75	AV	274.00	200	Vertical	Pass
4	7675.772	54.78	74.0	19.22	Peak	101.00	400	Vertical	Pass
4**	7675.772	40.83	54.0	13.17	AV	101.00	400	Vertical	Pass
5	12526.295	55.26	74.0	18.74	Peak	139.00	300	Vertical	Pass
5**	12526.295	41.72	54.0	12.28	AV	139.00	300	Vertical	Pass
6	15380.859	52.17	74.0	21.83	Peak	68.00	100	Vertical	Pass
6**	15380.859	44.98	54.0	9.02	AV	68.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.090	40.30	74.0	33.70	Peak	2.00	400	Horizontal	Pass
1**	1514.090	30.75	54.0	23.25	AV	2.00	400	Horizontal	Pass
2	2349.810	42.48	74.0	31.52	Peak	76.00	400	Horizontal	Pass
2**	2349.810	38.51	54.0	15.49	AV	76.00	400	Horizontal	Pass
3	4204.987	46.14	74.0	27.86	Peak	130.00	200	Horizontal	Pass
3**	4204.987	40.38	54.0	13.62	AV	130.00	200	Horizontal	Pass
4	7437.318	52.92	74.0	21.08	Peak	321.00	400	Horizontal	Pass
4**	7437.318	45.99	54.0	8.01	AV	321.00	400	Horizontal	Pass
5	12514.249	53.29	74.0	20.71	Peak	27.00	400	Horizontal	Pass
5**	12514.249	44.43	54.0	9.57	AV	27.00	400	Horizontal	Pass
6	16143.858	55.52	74.0	18.48	Peak	220.00	400	Horizontal	Pass
6**	16143.858	44.62	54.0	9.38	AV	220.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.684	36.94	74.0	37.06	Peak	120.00	100	Vertical	Pass
1**	1569.684	28.29	54.0	25.71	AV	120.00	100	Vertical	Pass
2	2352.229	42.33	74.0	31.67	Peak	145.00	400	Vertical	Pass
2**	2352.229	34.41	54.0	19.59	AV	145.00	400	Vertical	Pass
3	3920.287	47.16	74.0	26.84	Peak	191.00	200	Vertical	Pass
3**	3920.287	33.78	54.0	20.22	AV	191.00	200	Vertical	Pass
4	7682.071	53.00	74.0	21.00	Peak	275.00	200	Vertical	Pass
4**	7682.071	41.87	54.0	12.13	AV	275.00	200	Vertical	Pass
5	12527.641	51.54	74.0	22.46	Peak	255.00	200	Vertical	Pass
5**	12527.641	45.56	54.0	8.44	AV	255.00	200	Vertical	Pass
6	15382.347	56.54	74.0	17.46	Peak	70.00	200	Vertical	Pass
6**	15382.347	43.41	54.0	10.59	AV	70.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.458	40.68	74.0	33.32	Peak	237.00	300	Horizontal	Pass
1**	1511.458	27.25	54.0	26.75	AV	237.00	300	Horizontal	Pass
2	2350.665	43.28	74.0	30.72	Peak	75.00	200	Horizontal	Pass
2**	2350.665	33.99	54.0	20.01	AV	75.00	200	Horizontal	Pass
3	4206.023	44.43	74.0	29.57	Peak	131.00	200	Horizontal	Pass
3**	4206.023	38.60	54.0	15.40	AV	131.00	200	Horizontal	Pass
4	7440.687	52.02	74.0	21.98	Peak	18.00	300	Horizontal	Pass
4**	7440.687	40.97	54.0	13.03	AV	18.00	300	Horizontal	Pass
5	12519.280	51.41	74.0	22.59	Peak	357.00	200	Horizontal	Pass
5**	12519.280	44.54	54.0	9.46	AV	357.00	200	Horizontal	Pass
6	16146.190	51.14	74.0	22.86	Peak	209.00	200	Horizontal	Pass
6**	16146.190	46.35	54.0	7.65	AV	209.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.396	38.38	74.0	35.62	Peak	220.00	100	Vertical	Pass
1**	1572.396	30.04	54.0	23.96	AV	220.00	100	Vertical	Pass
2	2351.676	44.30	74.0	29.70	Peak	168.00	300	Vertical	Pass
2**	2351.676	34.13	54.0	19.87	AV	168.00	300	Vertical	Pass
3	3917.833	44.09	74.0	29.91	Peak	187.00	200	Vertical	Pass
3**	3917.833	36.80	54.0	17.20	AV	187.00	200	Vertical	Pass
4	7674.975	50.27	74.0	23.73	Peak	142.00	300	Vertical	Pass
4**	7674.975	42.13	54.0	11.87	AV	142.00	300	Vertical	Pass
5	12527.164	52.16	74.0	21.84	Peak	330.00	100	Vertical	Pass
5**	12527.164	42.58	54.0	11.42	AV	330.00	100	Vertical	Pass
6	15377.063	54.96	74.0	19.04	Peak	88.00	400	Vertical	Pass
6**	15377.063	43.38	54.0	10.62	AV	88.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.923	40.35	74.0	33.65	Peak	184.00	300	Horizontal	Pass
1**	1514.923	32.35	54.0	21.65	AV	184.00	300	Horizontal	Pass
2	2347.172	45.81	74.0	28.19	Peak	331.00	100	Horizontal	Pass
2**	2347.172	38.13	54.0	15.87	AV	331.00	100	Horizontal	Pass
3	4204.516	44.45	74.0	29.55	Peak	176.00	200	Horizontal	Pass
3**	4204.516	36.79	54.0	17.21	AV	176.00	200	Horizontal	Pass
4	7434.348	51.38	74.0	22.62	Peak	282.00	100	Horizontal	Pass
4**	7434.348	45.13	54.0	8.87	AV	282.00	100	Horizontal	Pass
5	12512.031	54.49	74.0	19.51	Peak	223.00	400	Horizontal	Pass
5**	12512.031	45.81	54.0	8.19	AV	223.00	400	Horizontal	Pass
6	16145.712	55.44	74.0	18.56	Peak	291.00	400	Horizontal	Pass
6**	16145.712	47.29	54.0	6.71	AV	291.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.977	35.69	74.0	38.31	Peak	79.00	100	Vertical	Pass
1**	1573.977	26.56	54.0	27.44	AV	79.00	100	Vertical	Pass
2	2349.491	45.21	74.0	28.79	Peak	301.00	300	Vertical	Pass
2**	2349.491	35.50	54.0	18.50	AV	301.00	300	Vertical	Pass
3	3921.300	43.43	74.0	30.57	Peak	56.00	200	Vertical	Pass
3**	3921.300	33.68	54.0	20.32	AV	56.00	200	Vertical	Pass
4	7682.098	52.99	74.0	21.01	Peak	182.00	400	Vertical	Pass
4**	7682.098	46.58	54.0	7.42	AV	182.00	400	Vertical	Pass
5	12522.157	51.72	74.0	22.28	Peak	65.00	100	Vertical	Pass
5**	12522.157	45.02	54.0	8.98	AV	65.00	100	Vertical	Pass
6	15382.957	53.47	74.0	20.53	Peak	166.00	300	Vertical	Pass
6**	15382.957	45.11	54.0	8.89	AV	166.00	300	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.921	37.60	74.0	36.40	Peak	277.00	400	Horizontal	Pass
1**	1508.921	28.88	54.0	25.12	AV	277.00	400	Horizontal	Pass
2	2348.021	42.51	74.0	31.49	Peak	60.00	200	Horizontal	Pass
2**	2348.021	37.58	54.0	16.42	AV	60.00	200	Horizontal	Pass
3	4204.354	46.46	74.0	27.54	Peak	72.00	200	Horizontal	Pass
3**	4204.354	35.16	54.0	18.84	AV	72.00	200	Horizontal	Pass
4	7435.523	50.51	74.0	23.49	Peak	37.00	200	Horizontal	Pass
4**	7435.523	41.31	54.0	12.69	AV	37.00	200	Horizontal	Pass
5	12512.796	52.29	74.0	21.71	Peak	87.00	200	Horizontal	Pass
5**	12512.796	45.66	54.0	8.34	AV	87.00	200	Horizontal	Pass
6	16146.864	54.33	74.0	19.67	Peak	329.00	300	Horizontal	Pass
6**	16146.864	46.27	54.0	7.73	AV	329.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.128	35.40	74.0	38.60	Peak	178.00	400	Vertical	Pass
1**	1574.128	30.86	54.0	23.14	AV	178.00	400	Vertical	Pass
2	2346.777	42.70	74.0	31.30	Peak	271.00	200	Vertical	Pass
2**	2346.777	36.25	54.0	17.75	AV	271.00	200	Vertical	Pass
3	3918.929	48.77	74.0	25.23	Peak	22.00	200	Vertical	Pass
3**	3918.929	35.46	54.0	18.54	AV	22.00	200	Vertical	Pass
4	7681.375	53.69	74.0	20.31	Peak	336.00	200	Vertical	Pass
4**	7681.375	42.55	54.0	11.45	AV	336.00	200	Vertical	Pass
5	12527.551	52.67	74.0	21.33	Peak	314.00	100	Vertical	Pass
5**	12527.551	43.71	54.0	10.29	AV	314.00	100	Vertical	Pass
6	15377.909	56.46	74.0	17.54	Peak	312.00	400	Vertical	Pass
6**	15377.909	46.61	54.0	7.39	AV	312.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.840	36.97	74.0	37.03	Peak	236.00	400	Horizontal	Pass
1**	1515.840	32.40	54.0	21.60	AV	236.00	400	Horizontal	Pass
2	2352.267	45.68	74.0	28.32	Peak	101.00	400	Horizontal	Pass
2**	2352.267	37.66	54.0	16.34	AV	101.00	400	Horizontal	Pass
3	4208.926	46.35	74.0	27.65	Peak	121.00	200	Horizontal	Pass
3**	4208.926	37.95	54.0	16.05	AV	121.00	200	Horizontal	Pass
4	7439.201	51.68	74.0	22.32	Peak	272.00	200	Horizontal	Pass
4**	7439.201	40.16	54.0	13.84	AV	272.00	200	Horizontal	Pass
5	12511.454	54.19	74.0	19.81	Peak	311.00	400	Horizontal	Pass
5**	12511.454	41.79	54.0	12.21	AV	311.00	400	Horizontal	Pass
6	16141.345	53.99	74.0	20.01	Peak	203.00	300	Horizontal	Pass
6**	16141.345	46.52	54.0	7.48	AV	203.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.958	39.40	74.0	34.60	Peak	294.00	200	Vertical	Pass
1**	1569.958	26.28	54.0	27.72	AV	294.00	200	Vertical	Pass
2	2350.818	43.92	74.0	30.08	Peak	240.00	200	Vertical	Pass
2**	2350.818	33.51	54.0	20.49	AV	240.00	200	Vertical	Pass
3	3921.839	46.56	74.0	27.44	Peak	339.00	200	Vertical	Pass
3**	3921.839	34.38	54.0	19.62	AV	339.00	200	Vertical	Pass
4	7678.885	54.04	74.0	19.96	Peak	106.00	300	Vertical	Pass
4**	7678.885	43.50	54.0	10.50	AV	106.00	300	Vertical	Pass
5	12528.571	50.63	74.0	23.37	Peak	325.00	100	Vertical	Pass
5**	12528.571	42.36	54.0	11.64	AV	325.00	100	Vertical	Pass
6	15380.347	54.68	74.0	19.32	Peak	331.00	100	Vertical	Pass
6**	15380.347	44.53	54.0	9.47	AV	331.00	100	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.484	36.17	74.0	37.83	Peak	21.00	200	Horizontal	Pass
1**	1513.484	30.18	54.0	23.82	AV	21.00	200	Horizontal	Pass
2	2349.180	43.66	74.0	30.34	Peak	64.00	100	Horizontal	Pass
2**	2349.180	37.84	54.0	16.16	AV	64.00	100	Horizontal	Pass
3	4210.168	44.26	74.0	29.74	Peak	200.00	200	Horizontal	Pass
3**	4210.168	37.38	54.0	16.62	AV	200.00	200	Horizontal	Pass
4	7435.181	53.64	74.0	20.36	Peak	108.00	200	Horizontal	Pass
4**	7435.181	43.68	54.0	10.32	AV	108.00	200	Horizontal	Pass
5	12514.387	51.70	74.0	22.30	Peak	337.00	100	Horizontal	Pass
5**	12514.387	44.68	54.0	9.32	AV	337.00	100	Horizontal	Pass
6	16141.471	56.34	74.0	17.66	Peak	200.00	100	Horizontal	Pass
6**	16141.471	46.54	54.0	7.46	AV	200.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.809	36.51	74.0	37.49	Peak	211.00	200	Vertical	Pass
1**	1571.809	27.30	54.0	26.70	AV	211.00	200	Vertical	Pass
2	2348.618	45.05	74.0	28.95	Peak	174.00	400	Vertical	Pass
2**	2348.618	33.65	54.0	20.35	AV	174.00	400	Vertical	Pass
3	3918.229	46.48	74.0	27.52	Peak	63.00	200	Vertical	Pass
3**	3918.229	37.15	54.0	16.85	AV	63.00	200	Vertical	Pass
4	7680.859	53.08	74.0	20.92	Peak	302.00	400	Vertical	Pass
4**	7680.859	46.56	54.0	7.44	AV	302.00	400	Vertical	Pass
5	12528.619	50.70	74.0	23.30	Peak	45.00	100	Vertical	Pass
5**	12528.619	44.21	54.0	9.79	AV	45.00	100	Vertical	Pass
6	15379.997	53.19	74.0	20.81	Peak	189.00	400	Vertical	Pass
6**	15379.997	46.00	54.0	8.00	AV	189.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.668	40.06	74.0	33.94	Peak	231.00	200	Horizontal	Pass
1**	1510.668	29.88	54.0	24.12	AV	231.00	200	Horizontal	Pass
2	2347.481	46.21	74.0	27.79	Peak	57.00	400	Horizontal	Pass
2**	2347.481	37.71	54.0	16.29	AV	57.00	400	Horizontal	Pass
3	4204.669	47.48	74.0	26.52	Peak	92.00	200	Horizontal	Pass
3**	4204.669	35.47	54.0	18.53	AV	92.00	200	Horizontal	Pass
4	7434.373	52.17	74.0	21.83	Peak	228.00	300	Horizontal	Pass
4**	7434.373	40.14	54.0	13.86	AV	228.00	300	Horizontal	Pass
5	12516.028	55.92	74.0	18.08	Peak	50.00	400	Horizontal	Pass
5**	12516.028	42.63	54.0	11.37	AV	50.00	400	Horizontal	Pass
6	16145.313	52.95	74.0	21.05	Peak	96.00	200	Horizontal	Pass
6**	16145.313	43.18	54.0	10.82	AV	96.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.356	39.43	74.0	34.57	Peak	99.00	300	Vertical	Pass
1**	1574.356	27.33	54.0	26.67	AV	99.00	300	Vertical	Pass
2	2349.776	45.51	74.0	28.49	Peak	280.00	300	Vertical	Pass
2**	2349.776	37.77	54.0	16.23	AV	280.00	300	Vertical	Pass
3	3918.822	47.08	74.0	26.92	Peak	334.00	200	Vertical	Pass
3**	3918.822	36.36	54.0	17.64	AV	334.00	200	Vertical	Pass
4	7682.099	51.02	74.0	22.98	Peak	211.00	200	Vertical	Pass
4**	7682.099	40.72	54.0	13.28	AV	211.00	200	Vertical	Pass
5	12529.811	53.28	74.0	20.72	Peak	335.00	100	Vertical	Pass
5**	12529.811	43.98	54.0	10.02	AV	335.00	100	Vertical	Pass
6	15381.913	56.12	74.0	17.88	Peak	223.00	100	Vertical	Pass
6**	15381.913	41.68	54.0	12.32	AV	223.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.475	39.28	74.0	34.72	Peak	210.00	100	Horizontal	Pass
1**	1509.475	31.26	54.0	22.74	AV	210.00	100	Horizontal	Pass
2	2346.449	48.01	74.0	25.99	Peak	39.00	100	Horizontal	Pass
2**	2346.449	35.80	54.0	18.20	AV	39.00	100	Horizontal	Pass
3	4204.777	44.34	74.0	29.66	Peak	326.00	200	Horizontal	Pass
3**	4204.777	39.61	54.0	14.39	AV	326.00	200	Horizontal	Pass
4	7440.662	55.15	74.0	18.85	Peak	29.00	100	Horizontal	Pass
4**	7440.662	43.61	54.0	10.39	AV	29.00	100	Horizontal	Pass
5	12516.752	51.02	74.0	22.98	Peak	113.00	100	Horizontal	Pass
5**	12516.752	41.27	54.0	12.73	AV	113.00	100	Horizontal	Pass
6	16140.004	56.44	74.0	17.56	Peak	226.00	300	Horizontal	Pass
6**	16140.004	45.22	54.0	8.78	AV	226.00	300	Horizontal	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.648	41.17	74.0	32.83	Peak	306.00	300	Vertical	Pass
1**	1570.648	29.09	54.0	24.91	AV	306.00	300	Vertical	Pass
2	2348.516	41.96	74.0	32.04	Peak	150.00	400	Vertical	Pass
2**	2348.516	35.86	54.0	18.14	AV	150.00	400	Vertical	Pass
3	3922.763	47.92	74.0	26.08	Peak	148.00	200	Vertical	Pass
3**	3922.763	37.70	54.0	16.30	AV	148.00	200	Vertical	Pass
4	7676.740	54.96	74.0	19.04	Peak	130.00	100	Vertical	Pass
4**	7676.740	42.05	54.0	11.95	AV	130.00	100	Vertical	Pass
5	12524.706	55.18	74.0	18.82	Peak	91.00	100	Vertical	Pass
5**	12524.706	42.19	54.0	11.81	AV	91.00	100	Vertical	Pass
6	15380.040	52.09	74.0	21.91	Peak	119.00	100	Vertical	Pass
6**	15380.040	44.79	54.0	9.21	AV	119.00	100	Vertical	Pass

11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.206	36.98	74.0	37.02	Peak	146.00	100	Horizontal	Pass
1**	1516.206	31.84	54.0	22.16	AV	146.00	100	Horizontal	Pass
2	2349.247	43.03	74.0	30.97	Peak	259.00	400	Horizontal	Pass
2**	2349.247	36.02	54.0	17.98	AV	259.00	400	Horizontal	Pass
3	4204.707	45.12	74.0	28.88	Peak	344.00	200	Horizontal	Pass
3**	4204.707	40.08	54.0	13.92	AV	344.00	200	Horizontal	Pass
4	7437.218	55.55	74.0	18.45	Peak	2.00	200	Horizontal	Pass
4**	7437.218	40.32	54.0	13.68	AV	2.00	200	Horizontal	Pass
5	12516.580	51.83	74.0	22.17	Peak	309.00	300	Horizontal	Pass
5**	12516.580	46.12	54.0	7.88	AV	309.00	300	Horizontal	Pass
6	16147.608	54.48	74.0	19.52	Peak	150.00	400	Horizontal	Pass
6**	16147.608	44.50	54.0	9.50	AV	150.00	400	Horizontal	Pass

11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.933	37.59	74.0	36.41	Peak	136.00	200	Vertical	Pass
1**	1572.933	27.75	54.0	26.25	AV	136.00	200	Vertical	Pass
2	2350.617	43.80	74.0	30.20	Peak	310.00	100	Vertical	Pass
2**	2350.617	33.87	54.0	20.13	AV	310.00	100	Vertical	Pass
3	3918.214	45.22	74.0	28.78	Peak	246.00	200	Vertical	Pass
3**	3918.214	36.59	54.0	17.41	AV	246.00	200	Vertical	Pass
4	7677.367	50.82	74.0	23.18	Peak	21.00	400	Vertical	Pass
4**	7677.367	46.50	54.0	7.50	AV	21.00	400	Vertical	Pass
5	12527.804	53.12	74.0	20.88	Peak	233.00	400	Vertical	Pass
5**	12527.804	43.91	54.0	10.09	AV	233.00	400	Vertical	Pass
6	15382.520	52.84	74.0	21.16	Peak	141.00	400	Vertical	Pass
6**	15382.520	42.38	54.0	11.62	AV	141.00	400	Vertical	Pass

11ac160, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.774	40.32	74.0	33.68	Peak	330.00	400	Horizontal	Pass
1**	1513.774	32.45	54.0	21.55	AV	330.00	400	Horizontal	Pass
2	2350.669	48.12	74.0	25.88	Peak	38.00	400	Horizontal	Pass
2**	2350.669	37.35	54.0	16.65	AV	38.00	400	Horizontal	Pass
3	4204.110	44.77	74.0	29.23	Peak	150.00	200	Horizontal	Pass
3**	4204.110	38.37	54.0	15.63	AV	150.00	200	Horizontal	Pass
4	7439.644	50.23	74.0	23.77	Peak	139.00	200	Horizontal	Pass
4**	7439.644	41.57	54.0	12.43	AV	139.00	200	Horizontal	Pass
5	12516.683	56.46	74.0	17.54	Peak	155.00	200	Horizontal	Pass
5**	12516.683	45.44	54.0	8.56	AV	155.00	200	Horizontal	Pass
6	16141.855	55.76	74.0	18.24	Peak	306.00	100	Horizontal	Pass
6**	16141.855	46.95	54.0	7.05	AV	306.00	100	Horizontal	Pass

11ac160, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.395	40.83	74.0	33.17	Peak	228.00	300	Vertical	Pass
1**	1513.395	31.41	54.0	22.59	AV	228.00	300	Vertical	Pass
2	2345.443	46.21	74.0	27.79	Peak	162.00	100	Vertical	Pass
2**	2345.443	36.63	54.0	17.37	AV	162.00	100	Vertical	Pass
3	4205.053	50.39	74.0	23.61	Peak	50.00	200	Vertical	Pass
3**	4205.053	38.03	54.0	15.97	AV	50.00	200	Vertical	Pass
4	7431.665	53.19	74.0	20.81	Peak	137.00	100	Vertical	Pass
4**	7431.665	43.33	54.0	10.67	AV	137.00	100	Vertical	Pass
5	12517.422	55.33	74.0	18.67	Peak	261.00	300	Vertical	Pass
5**	12517.422	45.02	54.0	8.98	AV	261.00	300	Vertical	Pass
6	16144.370	53.66	74.0	20.34	Peak	186.00	300	Vertical	Pass
6**	16144.370	45.41	54.0	8.59	AV	186.00	300	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.639	35.57	74.0	38.43	Peak	266.00	300	Horizontal	Pass
1**	1567.639	25.13	54.0	28.87	AV	266.00	300	Horizontal	Pass
2	2345.021	46.61	74.0	27.39	Peak	314.00	100	Horizontal	Pass
2**	2345.021	33.91	54.0	20.09	AV	314.00	100	Horizontal	Pass
3	3914.549	42.58	74.0	31.42	Peak	9.00	200	Horizontal	Pass
3**	3914.549	38.31	54.0	15.69	AV	9.00	200	Horizontal	Pass
4	7678.646	49.92	74.0	24.08	Peak	329.00	400	Horizontal	Pass
4**	7678.646	44.44	54.0	9.56	AV	329.00	400	Horizontal	Pass
5	12531.286	57.66	74.0	16.34	Peak	117.00	400	Horizontal	Pass
5**	12531.286	45.07	54.0	8.93	AV	117.00	400	Horizontal	Pass
6	15380.429	52.29	74.0	21.71	Peak	334.00	400	Horizontal	Pass
6**	15380.429	42.63	54.0	11.37	AV	334.00	400	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.806	39.21	74.0	34.79	Peak	273.00	100	Vertical	Pass
1**	1572.806	29.65	54.0	24.35	AV	273.00	100	Vertical	Pass
2	2345.554	47.21	74.0	26.79	Peak	117.00	300	Vertical	Pass
2**	2345.554	37.62	54.0	16.38	AV	117.00	300	Vertical	Pass
3	3923.094	47.10	74.0	26.90	Peak	255.00	200	Vertical	Pass
3**	3923.094	37.65	54.0	16.35	AV	255.00	200	Vertical	Pass
4	7674.297	50.67	74.0	23.33	Peak	60.00	300	Vertical	Pass
4**	7674.297	45.24	54.0	8.76	AV	60.00	300	Vertical	Pass
5	12525.665	52.23	74.0	21.77	Peak	337.00	400	Vertical	Pass
5**	12525.665	40.72	54.0	13.28	AV	337.00	400	Vertical	Pass
6	15376.260	51.16	74.0	22.84	Peak	290.00	200	Vertical	Pass
6**	15376.260	46.52	54.0	7.48	AV	290.00	200	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.627	36.88	74.0	37.12	Peak	124.00	100	Horizontal	Pass
1**	1511.627	32.26	54.0	21.74	AV	124.00	100	Horizontal	Pass
2	2350.529	46.20	74.0	27.80	Peak	305.00	100	Horizontal	Pass
2**	2350.529	33.69	54.0	20.31	AV	305.00	100	Horizontal	Pass
3	4208.380	45.78	74.0	28.22	Peak	141.00	200	Horizontal	Pass
3**	4208.380	34.99	54.0	19.01	AV	141.00	200	Horizontal	Pass
4	7434.201	54.29	74.0	19.71	Peak	251.00	100	Horizontal	Pass
4**	7434.201	40.37	54.0	13.63	AV	251.00	100	Horizontal	Pass
5	12513.457	52.23	74.0	21.77	Peak	152.00	100	Horizontal	Pass
5**	12513.457	44.57	54.0	9.43	AV	152.00	100	Horizontal	Pass
6	16140.845	56.35	74.0	17.65	Peak	347.00	300	Horizontal	Pass
6**	16140.845	44.36	54.0	9.64	AV	347.00	300	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.439	40.83	74.0	33.17	Peak	319.00	100	Vertical	Pass
1**	1575.439	29.69	54.0	24.31	AV	319.00	100	Vertical	Pass
2	2348.318	44.89	74.0	29.11	Peak	312.00	300	Vertical	Pass
2**	2348.318	35.71	54.0	18.29	AV	312.00	300	Vertical	Pass
3	3918.901	46.03	74.0	27.97	Peak	113.00	200	Vertical	Pass
3**	3918.901	34.85	54.0	19.15	AV	113.00	200	Vertical	Pass
4	7677.020	50.38	74.0	23.62	Peak	32.00	100	Vertical	Pass
4**	7677.020	42.23	54.0	11.77	AV	32.00	100	Vertical	Pass
5	12525.910	54.90	74.0	19.10	Peak	30.00	200	Vertical	Pass
5**	12525.910	43.08	54.0	10.92	AV	30.00	200	Vertical	Pass
6	15376.053	52.14	74.0	21.86	Peak	110.00	300	Vertical	Pass
6**	15376.053	47.39	54.0	6.61	AV	110.00	300	Vertical	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.485	36.37	74.0	37.63	Peak	166.00	200	Horizontal	Pass
1**	1515.485	29.25	54.0	24.75	AV	166.00	200	Horizontal	Pass
2	2349.700	48.26	74.0	25.74	Peak	101.00	200	Horizontal	Pass
2**	2349.700	34.62	54.0	19.38	AV	101.00	200	Horizontal	Pass
3	4206.519	47.27	74.0	26.73	Peak	322.00	200	Horizontal	Pass
3**	4206.519	39.36	54.0	14.64	AV	322.00	200	Horizontal	Pass
4	7437.823	53.80	74.0	20.20	Peak	249.00	400	Horizontal	Pass
4**	7437.823	44.47	54.0	9.53	AV	249.00	400	Horizontal	Pass
5	12512.510	50.90	74.0	23.10	Peak	0.00	100	Horizontal	Pass
5**	12512.510	45.64	54.0	8.36	AV	0.00	100	Horizontal	Pass
6	16140.661	51.05	74.0	22.95	Peak	42.00	100	Horizontal	Pass
6**	16140.661	46.27	54.0	7.73	AV	42.00	100	Horizontal	Pass

11ax20 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.309	36.01	74.0	37.99	Peak	349.00	400	Vertical	Pass
1**	1574.309	27.45	54.0	26.55	AV	349.00	400	Vertical	Pass
2	2349.242	42.24	74.0	31.76	Peak	66.00	200	Vertical	Pass
2**	2349.242	32.76	54.0	21.24	AV	66.00	200	Vertical	Pass
3	3920.749	44.15	74.0	29.85	Peak	265.00	200	Vertical	Pass
3**	3920.749	36.69	54.0	17.31	AV	265.00	200	Vertical	Pass
4	7678.630	49.78	74.0	24.22	Peak	236.00	200	Vertical	Pass
4**	7678.630	46.41	54.0	7.59	AV	236.00	200	Vertical	Pass
5	12527.458	56.26	74.0	17.74	Peak	172.00	300	Vertical	Pass
5**	12527.458	45.01	54.0	8.99	AV	172.00	300	Vertical	Pass
6	15380.662	51.53	74.0	22.47	Peak	236.00	400	Vertical	Pass
6**	15380.662	45.23	54.0	8.77	AV	236.00	400	Vertical	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.531	37.20	74.0	36.80	Peak	321.00	400	Horizontal	Pass
1**	1513.531	30.23	54.0	23.77	AV	321.00	400	Horizontal	Pass
2	2350.526	47.09	74.0	26.91	Peak	64.00	300	Horizontal	Pass
2**	2350.526	33.10	54.0	20.90	AV	64.00	300	Horizontal	Pass
3	4203.652	46.05	74.0	27.95	Peak	356.00	200	Horizontal	Pass
3**	4203.652	39.47	54.0	14.53	AV	356.00	200	Horizontal	Pass
4	7434.950	50.98	74.0	23.02	Peak	214.00	300	Horizontal	Pass
4**	7434.950	45.52	54.0	8.48	AV	214.00	300	Horizontal	Pass
5	12518.860	52.40	74.0	21.60	Peak	315.00	400	Horizontal	Pass
5**	12518.860	47.04	54.0	6.96	AV	315.00	400	Horizontal	Pass
6	16143.082	53.57	74.0	20.43	Peak	344.00	400	Horizontal	Pass
6**	16143.082	45.23	54.0	8.77	AV	344.00	400	Horizontal	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.953	37.47	74.0	36.53	Peak	226.00	400	Vertical	Pass
1**	1572.953	29.29	54.0	24.71	AV	226.00	400	Vertical	Pass
2	2345.638	46.20	74.0	27.80	Peak	330.00	300	Vertical	Pass
2**	2345.638	35.05	54.0	18.95	AV	330.00	300	Vertical	Pass
3	3921.295	46.65	74.0	27.35	Peak	166.00	200	Vertical	Pass
3**	3921.295	33.54	54.0	20.46	AV	166.00	200	Vertical	Pass
4	7681.546	54.75	74.0	19.25	Peak	193.00	100	Vertical	Pass
4**	7681.546	45.86	54.0	8.14	AV	193.00	100	Vertical	Pass
5	12524.017	54.80	74.0	19.20	Peak	128.00	200	Vertical	Pass
5**	12524.017	44.12	54.0	9.88	AV	128.00	200	Vertical	Pass
6	15377.599	52.56	74.0	21.44	Peak	223.00	300	Vertical	Pass
6**	15377.599	43.06	54.0	10.94	AV	223.00	300	Vertical	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.165	41.32	74.0	32.68	Peak	39.00	100	Horizontal	Pass
1**	1515.165	27.76	54.0	26.24	AV	39.00	100	Horizontal	Pass
2	2348.965	48.11	74.0	25.89	Peak	211.00	200	Horizontal	Pass
2**	2348.965	36.39	54.0	17.61	AV	211.00	200	Horizontal	Pass
3	4206.742	45.24	74.0	28.76	Peak	81.00	200	Horizontal	Pass
3**	4206.742	35.93	54.0	18.07	AV	81.00	200	Horizontal	Pass
4	7436.368	51.97	74.0	22.03	Peak	209.00	400	Horizontal	Pass
4**	7436.368	43.64	54.0	10.36	AV	209.00	400	Horizontal	Pass
5	12518.238	53.67	74.0	20.33	Peak	198.00	100	Horizontal	Pass
5**	12518.238	45.65	54.0	8.35	AV	198.00	100	Horizontal	Pass
6	16141.863	53.32	74.0	20.68	Peak	14.00	200	Horizontal	Pass
6**	16141.863	44.10	54.0	9.90	AV	14.00	200	Horizontal	Pass

11ax40 (SU), U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.501	40.22	74.0	33.78	Peak	77.00	100	Vertical	Pass
1**	1569.501	31.05	54.0	22.95	AV	77.00	100	Vertical	Pass
2	2346.623	46.91	74.0	27.09	Peak	68.00	100	Vertical	Pass
2**	2346.623	32.80	54.0	21.20	AV	68.00	100	Vertical	Pass
3	3919.140	46.91	74.0	27.09	Peak	267.00	200	Vertical	Pass
3**	3919.140	34.71	54.0	19.29	AV	267.00	200	Vertical	Pass
4	7676.226	53.21	74.0	20.79	Peak	0.00	200	Vertical	Pass
4**	7676.226	42.92	54.0	11.08	AV	0.00	200	Vertical	Pass
5	12527.695	51.07	74.0	22.93	Peak	172.00	300	Vertical	Pass
5**	12527.695	43.77	54.0	10.23	AV	172.00	300	Vertical	Pass
6	15379.620	52.65	74.0	21.35	Peak	72.00	200	Vertical	Pass
6**	15379.620	42.17	54.0	11.83	AV	72.00	200	Vertical	Pass

11ax80 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.997	36.33	74.0	37.67	Peak	352.00	300	Horizontal	Pass
1**	1512.997	28.65	54.0	25.35	AV	352.00	300	Horizontal	Pass
2	2348.549	45.98	74.0	28.02	Peak	69.00	400	Horizontal	Pass
2**	2348.549	35.01	54.0	18.99	AV	69.00	400	Horizontal	Pass
3	4205.102	49.34	74.0	24.66	Peak	247.00	200	Horizontal	Pass
3**	4205.102	37.51	54.0	16.49	AV	247.00	200	Horizontal	Pass
4	7439.321	50.45	74.0	23.55	Peak	239.00	100	Horizontal	Pass
4**	7439.321	40.22	54.0	13.78	AV	239.00	100	Horizontal	Pass
5	12518.983	54.91	74.0	19.09	Peak	57.00	300	Horizontal	Pass
5**	12518.983	43.89	54.0	10.11	AV	57.00	300	Horizontal	Pass
6	16143.645	52.31	74.0	21.69	Peak	338.00	400	Horizontal	Pass
6**	16143.645	44.02	54.0	9.98	AV	338.00	400	Horizontal	Pass

11ax80 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.160	36.02	74.0	37.98	Peak	242.00	300	Vertical	Pass
1**	1569.160	28.40	54.0	25.60	AV	242.00	300	Vertical	Pass
2	2349.246	41.91	74.0	32.09	Peak	276.00	100	Vertical	Pass
2**	2349.246	35.09	54.0	18.91	AV	276.00	100	Vertical	Pass
3	3918.434	49.04	74.0	24.96	Peak	343.00	200	Vertical	Pass
3**	3918.434	39.35	54.0	14.65	AV	343.00	200	Vertical	Pass
4	7677.977	51.17	74.0	22.83	Peak	177.00	100	Vertical	Pass
4**	7677.977	41.33	54.0	12.67	AV	177.00	100	Vertical	Pass
5	12527.897	53.47	74.0	20.53	Peak	22.00	200	Vertical	Pass
5**	12527.897	42.28	54.0	11.72	AV	22.00	200	Vertical	Pass
6	15376.107	55.37	74.0	18.63	Peak	85.00	100	Vertical	Pass
6**	15376.107	43.47	54.0	10.53	AV	85.00	100	Vertical	Pass

11ax160 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.876	36.96	74.0	37.04	Peak	178.00	100	Horizontal	Pass
1**	1509.876	28.35	54.0	25.65	AV	178.00	100	Horizontal	Pass
2	2352.296	45.06	74.0	28.94	Peak	306.00	400	Horizontal	Pass
2**	2352.296	38.83	54.0	15.17	AV	306.00	400	Horizontal	Pass
3	4207.738	47.16	74.0	26.84	Peak	187.00	200	Horizontal	Pass
3**	4207.738	39.17	54.0	14.83	AV	187.00	200	Horizontal	Pass
4	7431.750	53.52	74.0	20.48	Peak	343.00	400	Horizontal	Pass
4**	7431.750	42.22	54.0	11.78	AV	343.00	400	Horizontal	Pass
5	12515.857	53.49	74.0	20.51	Peak	308.00	400	Horizontal	Pass
5**	12515.857	45.84	54.0	8.16	AV	308.00	400	Horizontal	Pass
6	16149.937	53.50	74.0	20.50	Peak	153.00	200	Horizontal	Pass
6**	16149.937	43.21	54.0	10.79	AV	153.00	200	Horizontal	Pass

11ax160 (SU), U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.262	34.75	74.0	39.25	Peak	314.00	100	Vertical	Pass
1**	1573.262	27.75	54.0	26.25	AV	314.00	100	Vertical	Pass
2	2351.022	44.49	74.0	29.51	Peak	284.00	400	Vertical	Pass
2**	2351.022	32.35	54.0	21.65	AV	284.00	400	Vertical	Pass
3	3916.628	42.97	74.0	31.03	Peak	320.00	200	Vertical	Pass
3**	3916.628	38.87	54.0	15.13	AV	320.00	200	Vertical	Pass
4	7683.005	52.44	74.0	21.56	Peak	271.00	400	Vertical	Pass
4**	7683.005	43.05	54.0	10.95	AV	271.00	400	Vertical	Pass
5	12529.973	54.54	74.0	19.46	Peak	335.00	300	Vertical	Pass
5**	12529.973	40.52	54.0	13.48	AV	335.00	300	Vertical	Pass
6	15378.876	51.74	74.0	22.26	Peak	322.00	300	Vertical	Pass
6**	15378.876	43.35	54.0	10.65	AV	322.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.305	36.40	74.0	37.60	Peak	334.00	400	Horizontal	Pass
1**	1522.305	28.49	54.0	25.51	AV	334.00	400	Horizontal	Pass
2	2328.922	44.14	74.0	29.86	Peak	72.00	400	Horizontal	Pass
2**	2328.922	33.65	54.0	20.35	AV	72.00	400	Horizontal	Pass
3	4254.304	49.19	74.0	24.81	Peak	313.00	200	Horizontal	Pass
3**	4254.304	35.75	54.0	18.25	AV	313.00	200	Horizontal	Pass
4	7576.106	53.03	74.0	20.97	Peak	29.00	100	Horizontal	Pass
4**	7576.106	46.21	54.0	7.79	AV	29.00	100	Horizontal	Pass
5	12443.117	52.78	74.0	21.22	Peak	353.00	400	Horizontal	Pass
5**	12443.117	46.59	54.0	7.41	AV	353.00	400	Horizontal	Pass
6	15909.531	54.60	74.0	19.40	Peak	336.00	100	Horizontal	Pass
6**	15909.531	44.46	54.0	9.54	AV	336.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.415	37.64	74.0	36.36	Peak	121.00	300	Vertical	Pass
1**	1581.415	29.59	54.0	24.41	AV	121.00	300	Vertical	Pass
2	2308.879	45.72	74.0	28.28	Peak	142.00	300	Vertical	Pass
2**	2308.879	35.36	54.0	18.64	AV	142.00	300	Vertical	Pass
3	4258.175	49.22	74.0	24.78	Peak	64.00	200	Vertical	Pass
3**	4258.175	37.53	54.0	16.47	AV	64.00	200	Vertical	Pass
4	7422.344	54.28	74.0	19.72	Peak	70.00	100	Vertical	Pass
4**	7422.344	45.14	54.0	8.86	AV	70.00	100	Vertical	Pass
5	12478.131	56.09	74.0	17.91	Peak	204.00	200	Vertical	Pass
5**	12478.131	47.83	54.0	6.17	AV	204.00	200	Vertical	Pass
6	16131.010	54.20	74.0	19.80	Peak	2.00	100	Vertical	Pass
6**	16131.010	47.09	54.0	6.91	AV	2.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.084	37.59	74.0	36.41	Peak	75.00	400	Horizontal	Pass
1**	1522.084	29.84	54.0	24.16	AV	75.00	400	Horizontal	Pass
2	2327.793	43.19	74.0	30.81	Peak	40.00	300	Horizontal	Pass
2**	2327.793	37.99	54.0	16.01	AV	40.00	300	Horizontal	Pass
3	4253.947	49.89	74.0	24.11	Peak	241.00	200	Horizontal	Pass
3**	4253.947	38.95	54.0	15.05	AV	241.00	200	Horizontal	Pass
4	7571.556	50.47	74.0	23.53	Peak	136.00	300	Horizontal	Pass
4**	7571.556	45.11	54.0	8.89	AV	136.00	300	Horizontal	Pass
5	12439.973	55.89	74.0	18.11	Peak	257.00	200	Horizontal	Pass
5**	12439.973	41.81	54.0	12.19	AV	257.00	200	Horizontal	Pass
6	15910.923	55.41	74.0	18.59	Peak	93.00	200	Horizontal	Pass
6**	15910.923	42.33	54.0	11.67	AV	93.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.818	38.04	74.0	35.96	Peak	201.00	400	Vertical	Pass
1**	1582.818	27.35	54.0	26.65	AV	201.00	400	Vertical	Pass
2	2309.599	42.59	74.0	31.41	Peak	192.00	100	Vertical	Pass
2**	2309.599	35.61	54.0	18.39	AV	192.00	100	Vertical	Pass
3	4254.130	48.04	74.0	25.96	Peak	297.00	200	Vertical	Pass
3**	4254.130	36.82	54.0	17.18	AV	297.00	200	Vertical	Pass
4	7424.100	54.76	74.0	19.24	Peak	180.00	100	Vertical	Pass
4**	7424.100	44.52	54.0	9.48	AV	180.00	100	Vertical	Pass
5	12477.689	54.94	74.0	19.06	Peak	111.00	300	Vertical	Pass
5**	12477.689	45.65	54.0	8.35	AV	111.00	300	Vertical	Pass
6	16133.389	56.87	74.0	17.13	Peak	146.00	300	Vertical	Pass
6**	16133.389	46.45	54.0	7.55	AV	146.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.807	36.98	74.0	37.02	Peak	13.00	100	Horizontal	Pass
1**	1522.807	29.96	54.0	24.04	AV	13.00	100	Horizontal	Pass
2	2324.180	47.12	74.0	26.88	Peak	220.00	300	Horizontal	Pass
2**	2324.180	36.97	54.0	17.03	AV	220.00	300	Horizontal	Pass
3	4255.733	48.47	74.0	25.53	Peak	39.00	200	Horizontal	Pass
3**	4255.733	39.01	54.0	14.99	AV	39.00	200	Horizontal	Pass
4	7569.850	54.45	74.0	19.55	Peak	22.00	100	Horizontal	Pass
4**	7569.850	47.23	54.0	6.77	AV	22.00	100	Horizontal	Pass
5	12446.245	51.33	74.0	22.67	Peak	130.00	300	Horizontal	Pass
5**	12446.245	42.29	54.0	11.71	AV	130.00	300	Horizontal	Pass
6	15906.013	55.77	74.0	18.23	Peak	344.00	400	Horizontal	Pass
6**	15906.013	45.51	54.0	8.49	AV	344.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.442	36.66	74.0	37.34	Peak	340.00	400	Vertical	Pass
1**	1584.442	30.94	54.0	23.06	AV	340.00	400	Vertical	Pass
2	2314.671	44.49	74.0	29.51	Peak	179.00	100	Vertical	Pass
2**	2314.671	35.44	54.0	18.56	AV	179.00	100	Vertical	Pass
3	4259.686	50.16	74.0	23.84	Peak	246.00	200	Vertical	Pass
3**	4259.686	41.16	54.0	12.84	AV	246.00	200	Vertical	Pass
4	7421.171	53.64	74.0	20.36	Peak	169.00	400	Vertical	Pass
4**	7421.171	45.34	54.0	8.66	AV	169.00	400	Vertical	Pass
5	12474.143	51.82	74.0	22.18	Peak	5.00	200	Vertical	Pass
5**	12474.143	45.25	54.0	8.75	AV	5.00	200	Vertical	Pass
6	16127.776	51.11	74.0	22.89	Peak	149.00	300	Vertical	Pass
6**	16127.776	47.06	54.0	6.94	AV	149.00	300	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.836	40.54	74.0	33.46	Peak	201.00	400	Horizontal	Pass
1**	1523.836	31.27	54.0	22.73	AV	201.00	400	Horizontal	Pass
2	2328.411	44.77	74.0	29.23	Peak	52.00	300	Horizontal	Pass
2**	2328.411	38.79	54.0	15.21	AV	52.00	300	Horizontal	Pass
3	4257.254	49.67	74.0	24.33	Peak	168.00	200	Horizontal	Pass
3**	4257.254	36.05	54.0	17.95	AV	168.00	200	Horizontal	Pass
4	7575.877	53.73	74.0	20.27	Peak	214.00	200	Horizontal	Pass
4**	7575.877	46.80	54.0	7.20	AV	214.00	200	Horizontal	Pass
5	12446.400	56.15	74.0	17.85	Peak	295.00	400	Horizontal	Pass
5**	12446.400	42.93	54.0	11.07	AV	295.00	400	Horizontal	Pass
6	15905.022	51.06	74.0	22.94	Peak	123.00	200	Horizontal	Pass
6**	15905.022	42.03	54.0	11.97	AV	123.00	200	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.668	40.36	74.0	33.64	Peak	333.00	300	Vertical	Pass
1**	1579.668	28.24	54.0	25.76	AV	333.00	300	Vertical	Pass
2	2315.626	43.85	74.0	30.15	Peak	56.00	100	Vertical	Pass
2**	2315.626	34.34	54.0	19.66	AV	56.00	100	Vertical	Pass
3	4260.835	46.01	74.0	27.99	Peak	84.00	200	Vertical	Pass
3**	4260.835	37.73	54.0	16.27	AV	84.00	200	Vertical	Pass
4	7418.130	53.77	74.0	20.23	Peak	45.00	300	Vertical	Pass
4**	7418.130	43.32	54.0	10.68	AV	45.00	300	Vertical	Pass
5	12476.492	51.55	74.0	22.45	Peak	24.00	200	Vertical	Pass
5**	12476.492	43.61	54.0	10.39	AV	24.00	200	Vertical	Pass
6	16131.216	52.51	74.0	21.49	Peak	293.00	300	Vertical	Pass
6**	16131.216	44.39	54.0	9.61	AV	293.00	300	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.410	37.28	74.0	36.72	Peak	358.00	400	Horizontal	Pass
1**	1523.410	26.89	54.0	27.11	AV	358.00	400	Horizontal	Pass
2	2331.096	46.46	74.0	27.54	Peak	81.00	200	Horizontal	Pass
2**	2331.096	37.99	54.0	16.01	AV	81.00	200	Horizontal	Pass
3	4254.953	49.41	74.0	24.59	Peak	286.00	200	Horizontal	Pass
3**	4254.953	37.88	54.0	16.12	AV	286.00	200	Horizontal	Pass
4	7575.593	54.34	74.0	19.66	Peak	48.00	300	Horizontal	Pass
4**	7575.593	42.21	54.0	11.79	AV	48.00	300	Horizontal	Pass
5	12444.548	52.85	74.0	21.15	Peak	2.00	400	Horizontal	Pass
5**	12444.548	44.28	54.0	9.72	AV	2.00	400	Horizontal	Pass
6	15904.606	55.96	74.0	18.04	Peak	287.00	400	Horizontal	Pass
6**	15904.606	45.10	54.0	8.90	AV	287.00	400	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.307	36.24	74.0	37.76	Peak	207.00	400	Vertical	Pass
1**	1583.307	28.09	54.0	25.91	AV	207.00	400	Vertical	Pass
2	2310.490	43.11	74.0	30.89	Peak	353.00	100	Vertical	Pass
2**	2310.490	36.05	54.0	17.95	AV	353.00	100	Vertical	Pass
3	4257.874	46.07	74.0	27.93	Peak	207.00	200	Vertical	Pass
3**	4257.874	37.01	54.0	16.99	AV	207.00	200	Vertical	Pass
4	7416.605	52.97	74.0	21.03	Peak	267.00	200	Vertical	Pass
4**	7416.605	45.76	54.0	8.24	AV	267.00	200	Vertical	Pass
5	12476.117	53.63	74.0	20.37	Peak	15.00	100	Vertical	Pass
5**	12476.117	43.13	54.0	10.87	AV	15.00	100	Vertical	Pass
6	16127.615	54.26	74.0	19.74	Peak	263.00	300	Vertical	Pass
6**	16127.615	44.09	54.0	9.91	AV	263.00	300	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.873	40.97	74.0	33.03	Peak	170.00	100	Horizontal	Pass
1**	1521.873	27.05	54.0	26.95	AV	170.00	100	Horizontal	Pass
2	2325.984	45.97	74.0	28.03	Peak	128.00	200	Horizontal	Pass
2**	2325.984	39.24	54.0	14.76	AV	128.00	200	Horizontal	Pass
3	4254.954	46.37	74.0	27.63	Peak	332.00	200	Horizontal	Pass
3**	4254.954	40.39	54.0	13.61	AV	332.00	200	Horizontal	Pass
4	7573.448	52.44	74.0	21.56	Peak	192.00	100	Horizontal	Pass
4**	7573.448	45.79	54.0	8.21	AV	192.00	100	Horizontal	Pass
5	12445.089	51.72	74.0	22.28	Peak	83.00	400	Horizontal	Pass
5**	12445.089	41.03	54.0	12.97	AV	83.00	400	Horizontal	Pass
6	15907.087	52.12	74.0	21.88	Peak	357.00	300	Horizontal	Pass
6**	15907.087	45.68	54.0	8.32	AV	357.00	300	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.764	37.94	74.0	36.06	Peak	345.00	300	Vertical	Pass
1**	1581.764	26.51	54.0	27.49	AV	345.00	300	Vertical	Pass
2	2308.860	46.39	74.0	27.61	Peak	109.00	400	Vertical	Pass
2**	2308.860	35.46	54.0	18.54	AV	109.00	400	Vertical	Pass
3	4254.504	50.17	74.0	23.83	Peak	147.00	200	Vertical	Pass
3**	4254.504	39.83	54.0	14.17	AV	147.00	200	Vertical	Pass
4	7416.719	56.08	74.0	17.92	Peak	274.00	100	Vertical	Pass
4**	7416.719	45.70	54.0	8.30	AV	274.00	100	Vertical	Pass
5	12475.759	51.08	74.0	22.92	Peak	91.00	400	Vertical	Pass
5**	12475.759	46.95	54.0	7.05	AV	91.00	400	Vertical	Pass
6	16125.828	56.93	74.0	17.07	Peak	63.00	200	Vertical	Pass
6**	16125.828	43.74	54.0	10.26	AV	63.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.594	41.23	74.0	32.77	Peak	223.00	400	Horizontal	Pass
1**	1523.594	26.63	54.0	27.37	AV	223.00	400	Horizontal	Pass
2	2326.873	45.64	74.0	28.36	Peak	94.00	300	Horizontal	Pass
2**	2326.873	37.77	54.0	16.23	AV	94.00	300	Horizontal	Pass
3	4257.593	45.49	74.0	28.51	Peak	283.00	200	Horizontal	Pass
3**	4257.593	39.50	54.0	14.50	AV	283.00	200	Horizontal	Pass
4	7575.510	55.72	74.0	18.28	Peak	199.00	400	Horizontal	Pass
4**	7575.510	44.63	54.0	9.37	AV	199.00	400	Horizontal	Pass
5	12440.763	53.83	74.0	20.17	Peak	353.00	100	Horizontal	Pass
5**	12440.763	44.94	54.0	9.06	AV	353.00	100	Horizontal	Pass
6	15910.772	52.23	74.0	21.77	Peak	167.00	100	Horizontal	Pass
6**	15910.772	41.66	54.0	12.34	AV	167.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.035	35.37	74.0	38.63	Peak	219.00	200	Vertical	Pass
1**	1580.035	28.11	54.0	25.89	AV	219.00	200	Vertical	Pass
2	2310.505	45.42	74.0	28.58	Peak	311.00	200	Vertical	Pass
2**	2310.505	38.34	54.0	15.66	AV	311.00	200	Vertical	Pass
3	4255.131	46.32	74.0	27.68	Peak	213.00	200	Vertical	Pass
3**	4255.131	39.17	54.0	14.83	AV	213.00	200	Vertical	Pass
4	7423.048	51.95	74.0	22.05	Peak	316.00	400	Vertical	Pass
4**	7423.048	46.59	54.0	7.41	AV	316.00	400	Vertical	Pass
5	12479.195	51.75	74.0	22.25	Peak	335.00	400	Vertical	Pass
5**	12479.195	45.56	54.0	8.44	AV	335.00	400	Vertical	Pass
6	16127.230	53.57	74.0	20.43	Peak	123.00	400	Vertical	Pass
6**	16127.230	46.93	54.0	7.07	AV	123.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.173	38.64	74.0	35.36	Peak	293.00	100	Horizontal	Pass
1**	1527.173	28.00	54.0	26.00	AV	293.00	100	Horizontal	Pass
2	2329.502	44.76	74.0	29.24	Peak	235.00	100	Horizontal	Pass
2**	2329.502	35.39	54.0	18.61	AV	235.00	100	Horizontal	Pass
3	4257.125	45.89	74.0	28.11	Peak	9.00	200	Horizontal	Pass
3**	4257.125	36.22	54.0	17.78	AV	9.00	200	Horizontal	Pass
4	7570.945	54.38	74.0	19.62	Peak	226.00	300	Horizontal	Pass
4**	7570.945	44.90	54.0	9.10	AV	226.00	300	Horizontal	Pass
5	12445.749	55.47	74.0	18.53	Peak	179.00	200	Horizontal	Pass
5**	12445.749	46.62	54.0	7.38	AV	179.00	200	Horizontal	Pass
6	15906.497	53.97	74.0	20.03	Peak	339.00	100	Horizontal	Pass
6**	15906.497	46.49	54.0	7.51	AV	339.00	100	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.850	39.10	74.0	34.90	Peak	119.00	200	Vertical	Pass
1**	1580.850	31.74	54.0	22.26	AV	119.00	200	Vertical	Pass
2	2311.788	47.24	74.0	26.76	Peak	80.00	200	Vertical	Pass
2**	2311.788	35.33	54.0	18.67	AV	80.00	200	Vertical	Pass
3	4255.380	49.96	74.0	24.04	Peak	337.00	200	Vertical	Pass
3**	4255.380	39.11	54.0	14.89	AV	337.00	200	Vertical	Pass
4	7423.418	52.30	74.0	21.70	Peak	233.00	300	Vertical	Pass
4**	7423.418	45.12	54.0	8.88	AV	233.00	300	Vertical	Pass
5	12474.085	54.15	74.0	19.85	Peak	150.00	200	Vertical	Pass
5**	12474.085	43.38	54.0	10.62	AV	150.00	200	Vertical	Pass
6	16128.617	55.83	74.0	18.17	Peak	222.00	300	Vertical	Pass
6**	16128.617	44.33	54.0	9.67	AV	222.00	300	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.665	35.87	74.0	38.13	Peak	121.00	400	Horizontal	Pass
1**	1523.665	31.44	54.0	22.56	AV	121.00	400	Horizontal	Pass
2	2328.278	43.96	74.0	30.04	Peak	285.00	100	Horizontal	Pass
2**	2328.278	38.26	54.0	15.74	AV	285.00	100	Horizontal	Pass
3	4255.991	48.59	74.0	25.41	Peak	223.00	200	Horizontal	Pass
3**	4255.991	39.12	54.0	14.88	AV	223.00	200	Horizontal	Pass
4	7575.167	49.96	74.0	24.04	Peak	327.00	300	Horizontal	Pass
4**	7575.167	41.70	54.0	12.30	AV	327.00	300	Horizontal	Pass
5	12441.603	52.60	74.0	21.40	Peak	88.00	200	Horizontal	Pass
5**	12441.603	46.62	54.0	7.38	AV	88.00	200	Horizontal	Pass
6	15906.007	51.58	74.0	22.42	Peak	10.00	300	Horizontal	Pass
6**	15906.007	45.19	54.0	8.81	AV	10.00	300	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1578.842	36.57	74.0	37.43	Peak	339.00	400	Vertical	Pass
1**	1578.842	30.94	54.0	23.06	AV	339.00	400	Vertical	Pass
2	2313.944	46.26	74.0	27.74	Peak	233.00	100	Vertical	Pass
2**	2313.944	34.78	54.0	19.22	AV	233.00	100	Vertical	Pass
3	4257.026	49.63	74.0	24.37	Peak	303.00	200	Vertical	Pass
3**	4257.026	39.99	54.0	14.01	AV	303.00	200	Vertical	Pass
4	7419.648	53.83	74.0	20.17	Peak	4.00	100	Vertical	Pass
4**	7419.648	45.31	54.0	8.69	AV	4.00	100	Vertical	Pass
5	12476.891	51.32	74.0	22.68	Peak	39.00	200	Vertical	Pass
5**	12476.891	47.79	54.0	6.21	AV	39.00	200	Vertical	Pass
6	16126.294	55.83	74.0	18.17	Peak	125.00	400	Vertical	Pass
6**	16126.294	43.88	54.0	10.12	AV	125.00	400	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.260	36.93	74.0	37.07	Peak	198.00	200	Horizontal	Pass
1**	1525.260	27.42	54.0	26.58	AV	198.00	200	Horizontal	Pass
2	2325.734	42.33	74.0	31.67	Peak	221.00	100	Horizontal	Pass
2**	2325.734	34.31	54.0	19.69	AV	221.00	100	Horizontal	Pass
3	4256.698	45.20	74.0	28.80	Peak	120.00	200	Horizontal	Pass
3**	4256.698	37.40	54.0	16.60	AV	120.00	200	Horizontal	Pass
4	7572.708	50.54	74.0	23.46	Peak	209.00	300	Horizontal	Pass
4**	7572.708	42.21	54.0	11.79	AV	209.00	300	Horizontal	Pass
5	12445.902	53.25	74.0	20.75	Peak	195.00	200	Horizontal	Pass
5**	12445.902	46.87	54.0	7.13	AV	195.00	200	Horizontal	Pass
6	15908.204	55.56	74.0	18.44	Peak	224.00	200	Horizontal	Pass
6**	15908.204	42.94	54.0	11.06	AV	224.00	200	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.376	39.21	74.0	34.79	Peak	259.00	400	Vertical	Pass
1**	1584.376	30.26	54.0	23.74	AV	259.00	400	Vertical	Pass
2	2308.479	44.85	74.0	29.15	Peak	50.00	200	Vertical	Pass
2**	2308.479	35.97	54.0	18.03	AV	50.00	200	Vertical	Pass
3	4259.773	50.49	74.0	23.51	Peak	129.00	200	Vertical	Pass
3**	4259.773	37.47	54.0	16.53	AV	129.00	200	Vertical	Pass
4	7419.339	53.17	74.0	20.83	Peak	148.00	200	Vertical	Pass
4**	7419.339	43.22	54.0	10.78	AV	148.00	200	Vertical	Pass
5	12475.275	54.92	74.0	19.08	Peak	208.00	100	Vertical	Pass
5**	12475.275	47.68	54.0	6.32	AV	208.00	100	Vertical	Pass
6	16128.025	55.14	74.0	18.86	Peak	207.00	300	Vertical	Pass
6**	16128.025	46.58	54.0	7.42	AV	207.00	300	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.060	41.26	74.0	32.74	Peak	22.00	200	Horizontal	Pass
1**	1524.060	30.92	54.0	23.08	AV	22.00	200	Horizontal	Pass
2	2330.012	44.68	74.0	29.32	Peak	326.00	200	Horizontal	Pass
2**	2330.012	35.17	54.0	18.83	AV	326.00	200	Horizontal	Pass
3	4254.572	45.91	74.0	28.09	Peak	196.00	200	Horizontal	Pass
3**	4254.572	37.25	54.0	16.75	AV	196.00	200	Horizontal	Pass
4	7572.262	51.68	74.0	22.32	Peak	36.00	100	Horizontal	Pass
4**	7572.262	42.76	54.0	11.24	AV	36.00	100	Horizontal	Pass
5	12439.534	51.84	74.0	22.16	Peak	219.00	300	Horizontal	Pass
5**	12439.534	43.80	54.0	10.20	AV	219.00	300	Horizontal	Pass
6	15909.079	53.08	74.0	20.92	Peak	271.00	400	Horizontal	Pass
6**	15909.079	46.15	54.0	7.85	AV	271.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.854	37.42	74.0	36.58	Peak	200.00	400	Vertical	Pass
1**	1582.854	28.65	54.0	25.35	AV	200.00	400	Vertical	Pass
2	2315.873	47.82	74.0	26.18	Peak	8.00	100	Vertical	Pass
2**	2315.873	38.30	54.0	15.70	AV	8.00	100	Vertical	Pass
3	4255.974	45.83	74.0	28.17	Peak	35.00	200	Vertical	Pass
3**	4255.974	37.16	54.0	16.84	AV	35.00	200	Vertical	Pass
4	7420.924	55.29	74.0	18.71	Peak	144.00	400	Vertical	Pass
4**	7420.924	42.39	54.0	11.61	AV	144.00	400	Vertical	Pass
5	12472.663	52.40	74.0	21.60	Peak	0.00	400	Vertical	Pass
5**	12472.663	47.13	54.0	6.87	AV	0.00	400	Vertical	Pass
6	16133.008	54.95	74.0	19.05	Peak	342.00	400	Vertical	Pass
6**	16133.008	45.17	54.0	8.83	AV	342.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.998	36.40	74.0	37.60	Peak	149.00	400	Horizontal	Pass
1**	1527.998	26.41	54.0	27.59	AV	149.00	400	Horizontal	Pass
2	2330.992	46.73	74.0	27.27	Peak	283.00	400	Horizontal	Pass
2**	2330.992	33.95	54.0	20.05	AV	283.00	400	Horizontal	Pass
3	4258.436	48.38	74.0	25.62	Peak	119.00	200	Horizontal	Pass
3**	4258.436	37.98	54.0	16.02	AV	119.00	200	Horizontal	Pass
4	7574.626	51.32	74.0	22.68	Peak	224.00	300	Horizontal	Pass
4**	7574.626	42.29	54.0	11.71	AV	224.00	300	Horizontal	Pass
5	12441.311	55.20	74.0	18.80	Peak	66.00	100	Horizontal	Pass
5**	12441.311	44.49	54.0	9.51	AV	66.00	100	Horizontal	Pass
6	15906.043	54.20	74.0	19.80	Peak	215.00	400	Horizontal	Pass
6**	15906.043	41.80	54.0	12.20	AV	215.00	400	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.744	40.93	74.0	33.07	Peak	29.00	300	Vertical	Pass
1**	1580.744	27.14	54.0	26.86	AV	29.00	300	Vertical	Pass
2	2312.580	43.26	74.0	30.74	Peak	73.00	100	Vertical	Pass
2**	2312.580	33.39	54.0	20.61	AV	73.00	100	Vertical	Pass
3	4254.802	48.15	74.0	25.85	Peak	356.00	200	Vertical	Pass
3**	4254.802	37.12	54.0	16.88	AV	356.00	200	Vertical	Pass
4	7416.794	50.66	74.0	23.34	Peak	210.00	400	Vertical	Pass
4**	7416.794	46.74	54.0	7.26	AV	210.00	400	Vertical	Pass
5	12475.300	52.15	74.0	21.85	Peak	357.00	100	Vertical	Pass
5**	12475.300	44.32	54.0	9.68	AV	357.00	100	Vertical	Pass
6	16133.206	56.85	74.0	17.15	Peak	141.00	300	Vertical	Pass
6**	16133.206	48.30	54.0	5.70	AV	141.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.541	38.42	74.0	35.58	Peak	311.00	300	Horizontal	Pass
1**	1521.541	30.61	54.0	23.39	AV	311.00	300	Horizontal	Pass
2	2329.068	46.78	74.0	27.22	Peak	265.00	200	Horizontal	Pass
2**	2329.068	38.57	54.0	15.43	AV	265.00	200	Horizontal	Pass
3	4252.472	48.11	74.0	25.89	Peak	204.00	200	Horizontal	Pass
3**	4252.472	40.36	54.0	13.64	AV	204.00	200	Horizontal	Pass
4	7572.573	52.57	74.0	21.43	Peak	351.00	200	Horizontal	Pass
4**	7572.573	45.52	54.0	8.48	AV	351.00	200	Horizontal	Pass
5	12440.313	50.32	74.0	23.68	Peak	292.00	200	Horizontal	Pass
5**	12440.313	42.39	54.0	11.61	AV	292.00	200	Horizontal	Pass
6	15910.368	55.15	74.0	18.85	Peak	248.00	400	Horizontal	Pass
6**	15910.368	43.58	54.0	10.42	AV	248.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.158	40.18	74.0	33.82	Peak	216.00	400	Vertical	Pass
1**	1583.158	31.36	54.0	22.64	AV	216.00	400	Vertical	Pass
2	2313.359	47.64	74.0	26.36	Peak	270.00	100	Vertical	Pass
2**	2313.359	34.82	54.0	19.18	AV	270.00	100	Vertical	Pass
3	4253.768	46.90	74.0	27.10	Peak	178.00	200	Vertical	Pass
3**	4253.768	38.69	54.0	15.31	AV	178.00	200	Vertical	Pass
4	7423.473	52.22	74.0	21.78	Peak	116.00	400	Vertical	Pass
4**	7423.473	45.95	54.0	8.05	AV	116.00	400	Vertical	Pass
5	12475.115	55.50	74.0	18.50	Peak	6.00	300	Vertical	Pass
5**	12475.115	46.40	54.0	7.60	AV	6.00	300	Vertical	Pass
6	16130.038	53.63	74.0	20.37	Peak	172.00	400	Vertical	Pass
6**	16130.038	43.80	54.0	10.20	AV	172.00	400	Vertical	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.926	41.12	74.0	32.88	Peak	50.00	400	Horizontal	Pass
1**	1526.926	31.87	54.0	22.13	AV	50.00	400	Horizontal	Pass
2	2330.699	47.05	74.0	26.95	Peak	131.00	200	Horizontal	Pass
2**	2330.699	34.73	54.0	19.27	AV	131.00	200	Horizontal	Pass
3	4257.562	46.58	74.0	27.42	Peak	70.00	200	Horizontal	Pass
3**	4257.562	35.59	54.0	18.41	AV	70.00	200	Horizontal	Pass
4	7571.038	53.70	74.0	20.30	Peak	188.00	100	Horizontal	Pass
4**	7571.038	46.60	54.0	7.40	AV	188.00	100	Horizontal	Pass
5	12443.780	55.95	74.0	18.05	Peak	254.00	300	Horizontal	Pass
5**	12443.780	41.39	54.0	12.61	AV	254.00	300	Horizontal	Pass
6	15906.773	55.79	74.0	18.21	Peak	276.00	300	Horizontal	Pass
6**	15906.773	42.78	54.0	11.22	AV	276.00	300	Horizontal	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.059	35.68	74.0	38.32	Peak	258.00	400	Vertical	Pass
1**	1586.059	26.10	54.0	27.90	AV	258.00	400	Vertical	Pass
2	2315.566	48.06	74.0	25.94	Peak	162.00	200	Vertical	Pass
2**	2315.566	37.42	54.0	16.58	AV	162.00	200	Vertical	Pass
3	4257.465	49.79	74.0	24.21	Peak	101.00	200	Vertical	Pass
3**	4257.465	40.29	54.0	13.71	AV	101.00	200	Vertical	Pass
4	7420.850	51.60	74.0	22.40	Peak	333.00	100	Vertical	Pass
4**	7420.850	45.84	54.0	8.16	AV	333.00	100	Vertical	Pass
5	12474.283	54.72	74.0	19.28	Peak	45.00	100	Vertical	Pass
5**	12474.283	44.17	54.0	9.83	AV	45.00	100	Vertical	Pass
6	16132.489	54.83	74.0	19.17	Peak	349.00	300	Vertical	Pass
6**	16132.489	46.07	54.0	7.93	AV	349.00	300	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.203	39.22	74.0	34.78	Peak	65.00	400	Horizontal	Pass
1**	1527.203	30.98	54.0	23.02	AV	65.00	400	Horizontal	Pass
2	2329.007	44.56	74.0	29.44	Peak	83.00	200	Horizontal	Pass
2**	2329.007	36.60	54.0	17.40	AV	83.00	200	Horizontal	Pass
3	4255.941	49.67	74.0	24.33	Peak	356.00	200	Horizontal	Pass
3**	4255.941	38.88	54.0	15.12	AV	356.00	200	Horizontal	Pass
4	7574.952	55.10	74.0	18.90	Peak	254.00	200	Horizontal	Pass
4**	7574.952	43.29	54.0	10.71	AV	254.00	200	Horizontal	Pass
5	12441.574	54.34	74.0	19.66	Peak	11.00	100	Horizontal	Pass
5**	12441.574	46.97	54.0	7.03	AV	11.00	100	Horizontal	Pass
6	15910.114	53.37	74.0	20.63	Peak	340.00	100	Horizontal	Pass
6**	15910.114	43.52	54.0	10.48	AV	340.00	100	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.954	40.12	74.0	33.88	Peak	161.00	200	Vertical	Pass
1**	1580.954	28.45	54.0	25.55	AV	161.00	200	Vertical	Pass
2	2316.070	47.73	74.0	26.27	Peak	176.00	200	Vertical	Pass
2**	2316.070	35.13	54.0	18.87	AV	176.00	200	Vertical	Pass
3	4257.306	47.84	74.0	26.16	Peak	80.00	200	Vertical	Pass
3**	4257.306	36.41	54.0	17.59	AV	80.00	200	Vertical	Pass
4	7419.076	53.33	74.0	20.67	Peak	233.00	100	Vertical	Pass
4**	7419.076	42.39	54.0	11.61	AV	233.00	100	Vertical	Pass
5	12476.401	52.52	74.0	21.48	Peak	114.00	300	Vertical	Pass
5**	12476.401	45.86	54.0	8.14	AV	114.00	300	Vertical	Pass
6	16129.019	52.66	74.0	21.34	Peak	135.00	200	Vertical	Pass
6**	16129.019	42.83	54.0	11.17	AV	135.00	200	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.847	40.47	74.0	33.53	Peak	139.00	300	Horizontal	Pass
1**	1528.847	30.87	54.0	23.13	AV	139.00	300	Horizontal	Pass
2	2324.269	46.00	74.0	28.00	Peak	30.00	400	Horizontal	Pass
2**	2324.269	35.68	54.0	18.32	AV	30.00	400	Horizontal	Pass
3	4252.667	49.24	74.0	24.76	Peak	320.00	200	Horizontal	Pass
3**	4252.667	37.25	54.0	16.75	AV	320.00	200	Horizontal	Pass
4	7571.331	53.14	74.0	20.86	Peak	149.00	100	Horizontal	Pass
4**	7571.331	45.49	54.0	8.51	AV	149.00	100	Horizontal	Pass
5	12440.713	54.11	74.0	19.89	Peak	142.00	400	Horizontal	Pass
5**	12440.713	44.81	54.0	9.19	AV	142.00	400	Horizontal	Pass
6	15910.414	55.44	74.0	18.56	Peak	272.00	300	Horizontal	Pass
6**	15910.414	44.59	54.0	9.41	AV	272.00	300	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.080	35.47	74.0	38.53	Peak	123.00	400	Vertical	Pass
1**	1581.080	31.42	54.0	22.58	AV	123.00	400	Vertical	Pass
2	2315.530	43.38	74.0	30.62	Peak	322.00	100	Vertical	Pass
2**	2315.530	36.10	54.0	17.90	AV	322.00	100	Vertical	Pass
3	4255.238	47.17	74.0	26.83	Peak	236.00	200	Vertical	Pass
3**	4255.238	39.38	54.0	14.62	AV	236.00	200	Vertical	Pass
4	7420.148	50.98	74.0	23.02	Peak	11.00	200	Vertical	Pass
4**	7420.148	42.02	54.0	11.98	AV	11.00	200	Vertical	Pass
5	12474.752	52.69	74.0	21.31	Peak	186.00	200	Vertical	Pass
5**	12474.752	43.31	54.0	10.69	AV	186.00	200	Vertical	Pass
6	16131.687	52.83	74.0	21.17	Peak	342.00	300	Vertical	Pass
6**	16131.687	47.15	54.0	6.85	AV	342.00	300	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.483	36.79	74.0	37.21	Peak	120.00	200	Horizontal	Pass
1**	1528.483	31.89	54.0	22.11	AV	120.00	200	Horizontal	Pass
2	2327.532	45.19	74.0	28.81	Peak	168.00	100	Horizontal	Pass
2**	2327.532	36.17	54.0	17.83	AV	168.00	100	Horizontal	Pass
3	4251.362	46.65	74.0	27.35	Peak	265.00	200	Horizontal	Pass
3**	4251.362	36.45	54.0	17.55	AV	265.00	200	Horizontal	Pass
4	7574.929	51.88	74.0	22.12	Peak	107.00	200	Horizontal	Pass
4**	7574.929	44.76	54.0	9.24	AV	107.00	200	Horizontal	Pass
5	12443.043	50.65	74.0	23.35	Peak	250.00	300	Horizontal	Pass
5**	12443.043	44.84	54.0	9.16	AV	250.00	300	Horizontal	Pass
6	15910.336	56.66	74.0	17.34	Peak	291.00	400	Horizontal	Pass
6**	15910.336	43.67	54.0	10.33	AV	291.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.881	36.30	74.0	37.70	Peak	70.00	100	Vertical	Pass
1**	1584.881	30.92	54.0	23.08	AV	70.00	100	Vertical	Pass
2	2309.580	45.94	74.0	28.06	Peak	43.00	200	Vertical	Pass
2**	2309.580	34.54	54.0	19.46	AV	43.00	200	Vertical	Pass
3	4256.044	50.65	74.0	23.35	Peak	334.00	200	Vertical	Pass
3**	4256.044	37.03	54.0	16.97	AV	334.00	200	Vertical	Pass
4	7421.427	50.51	74.0	23.49	Peak	15.00	200	Vertical	Pass
4**	7421.427	47.01	54.0	6.99	AV	15.00	200	Vertical	Pass
5	12477.411	52.33	74.0	21.67	Peak	281.00	300	Vertical	Pass
5**	12477.411	44.44	54.0	9.56	AV	281.00	300	Vertical	Pass
6	16126.108	54.75	74.0	19.25	Peak	154.00	200	Vertical	Pass
6**	16126.108	47.26	54.0	6.74	AV	154.00	200	Vertical	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.025	40.97	74.0	33.03	Peak	31.00	400	Horizontal	Pass
1**	1525.025	30.66	54.0	23.34	AV	31.00	400	Horizontal	Pass
2	2326.032	47.12	74.0	26.88	Peak	307.00	400	Horizontal	Pass
2**	2326.032	35.40	54.0	18.60	AV	307.00	400	Horizontal	Pass
3	4257.276	49.89	74.0	24.11	Peak	21.00	200	Horizontal	Pass
3**	4257.276	36.31	54.0	17.69	AV	21.00	200	Horizontal	Pass
4	7569.937	53.73	74.0	20.27	Peak	233.00	300	Horizontal	Pass
4**	7569.937	42.03	54.0	11.97	AV	233.00	300	Horizontal	Pass
5	12439.484	53.50	74.0	20.50	Peak	58.00	400	Horizontal	Pass
5**	12439.484	43.11	54.0	10.89	AV	58.00	400	Horizontal	Pass
6	15906.871	56.50	74.0	17.50	Peak	234.00	300	Horizontal	Pass
6**	15906.871	46.68	54.0	7.32	AV	234.00	300	Horizontal	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.310	36.21	74.0	37.79	Peak	243.00	300	Vertical	Pass
1**	1585.310	27.00	54.0	27.00	AV	243.00	300	Vertical	Pass
2	2312.529	46.11	74.0	27.89	Peak	115.00	400	Vertical	Pass
2**	2312.529	37.46	54.0	16.54	AV	115.00	400	Vertical	Pass
3	4260.984	45.49	74.0	28.51	Peak	74.00	200	Vertical	Pass
3**	4260.984	40.89	54.0	13.11	AV	74.00	200	Vertical	Pass
4	7422.734	51.45	74.0	22.55	Peak	101.00	300	Vertical	Pass
4**	7422.734	43.35	54.0	10.65	AV	101.00	300	Vertical	Pass
5	12473.555	51.88	74.0	22.12	Peak	360.00	200	Vertical	Pass
5**	12473.555	47.16	54.0	6.84	AV	360.00	200	Vertical	Pass
6	16132.290	51.56	74.0	22.44	Peak	192.00	400	Vertical	Pass
6**	16132.290	43.69	54.0	10.31	AV	192.00	400	Vertical	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.320	39.86	74.0	34.14	Peak	43.00	400	Horizontal	Pass
1**	1523.320	29.64	54.0	24.36	AV	43.00	400	Horizontal	Pass
2	2325.487	42.50	74.0	31.50	Peak	102.00	100	Horizontal	Pass
2**	2325.487	36.50	54.0	17.50	AV	102.00	100	Horizontal	Pass
3	4258.106	48.52	74.0	25.48	Peak	87.00	200	Horizontal	Pass
3**	4258.106	39.30	54.0	14.70	AV	87.00	200	Horizontal	Pass
4	7573.862	54.24	74.0	19.76	Peak	149.00	100	Horizontal	Pass
4**	7573.862	45.58	54.0	8.42	AV	149.00	100	Horizontal	Pass
5	12442.948	50.74	74.0	23.26	Peak	118.00	100	Horizontal	Pass
5**	12442.948	41.94	54.0	12.06	AV	118.00	100	Horizontal	Pass
6	15907.486	56.25	74.0	17.75	Peak	291.00	400	Horizontal	Pass
6**	15907.486	42.19	54.0	11.81	AV	291.00	400	Horizontal	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.267	37.43	74.0	36.57	Peak	346.00	300	Vertical	Pass
1**	1585.267	26.32	54.0	27.68	AV	346.00	300	Vertical	Pass
2	2314.630	43.16	74.0	30.84	Peak	200.00	100	Vertical	Pass
2**	2314.630	38.90	54.0	15.10	AV	200.00	100	Vertical	Pass
3	4253.757	50.96	74.0	23.04	Peak	82.00	200	Vertical	Pass
3**	4253.757	40.98	54.0	13.02	AV	82.00	200	Vertical	Pass
4	7420.814	54.37	74.0	19.63	Peak	209.00	100	Vertical	Pass
4**	7420.814	47.09	54.0	6.91	AV	209.00	100	Vertical	Pass
5	12479.971	55.64	74.0	18.36	Peak	339.00	200	Vertical	Pass
5**	12479.971	42.81	54.0	11.19	AV	339.00	200	Vertical	Pass
6	16132.929	51.92	74.0	22.08	Peak	271.00	400	Vertical	Pass
6**	16132.929	45.70	54.0	8.30	AV	271.00	400	Vertical	Pass

11ax80 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.212	38.55	74.0	35.45	Peak	130.00	300	Horizontal	Pass
1**	1521.212	27.52	54.0	26.48	AV	130.00	300	Horizontal	Pass
2	2324.176	43.93	74.0	30.07	Peak	313.00	400	Horizontal	Pass
2**	2324.176	35.49	54.0	18.51	AV	313.00	400	Horizontal	Pass
3	4251.471	47.08	74.0	26.92	Peak	180.00	200	Horizontal	Pass
3**	4251.471	37.25	54.0	16.75	AV	180.00	200	Horizontal	Pass
4	7575.766	50.77	74.0	23.23	Peak	273.00	100	Horizontal	Pass
4**	7575.766	46.27	54.0	7.73	AV	273.00	100	Horizontal	Pass
5	12445.127	54.12	74.0	19.88	Peak	225.00	400	Horizontal	Pass
5**	12445.127	41.75	54.0	12.25	AV	225.00	400	Horizontal	Pass
6	15907.082	56.00	74.0	18.00	Peak	301.00	200	Horizontal	Pass
6**	15907.082	44.87	54.0	9.13	AV	301.00	200	Horizontal	Pass

11ax80 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.594	37.78	74.0	36.22	Peak	147.00	400	Vertical	Pass
1**	1581.594	30.55	54.0	23.45	AV	147.00	400	Vertical	Pass
2	2312.842	47.82	74.0	26.18	Peak	120.00	400	Vertical	Pass
2**	2312.842	38.28	54.0	15.72	AV	120.00	400	Vertical	Pass
3	4253.234	48.62	74.0	25.38	Peak	193.00	200	Vertical	Pass
3**	4253.234	39.57	54.0	14.43	AV	193.00	200	Vertical	Pass
4	7424.179	55.88	74.0	18.12	Peak	143.00	200	Vertical	Pass
4**	7424.179	43.48	54.0	10.52	AV	143.00	200	Vertical	Pass
5	12473.078	52.59	74.0	21.41	Peak	234.00	100	Vertical	Pass
5**	12473.078	46.59	54.0	7.41	AV	234.00	100	Vertical	Pass
6	16126.127	53.60	74.0	20.40	Peak	18.00	200	Vertical	Pass
6**	16126.127	44.52	54.0	9.48	AV	18.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.639	35.70	74.0	38.30	Peak	270.00	400	Horizontal	Pass
1**	1590.639	28.01	54.0	25.99	AV	270.00	400	Horizontal	Pass
2	2263.831	46.71	74.0	27.29	Peak	184.00	400	Horizontal	Pass
2**	2263.831	34.84	54.0	19.16	AV	184.00	400	Horizontal	Pass
3	4270.142	45.53	74.0	28.47	Peak	140.00	200	Horizontal	Pass
3**	4270.142	40.57	54.0	13.43	AV	140.00	200	Horizontal	Pass
4	7585.853	54.17	74.0	19.83	Peak	203.00	100	Horizontal	Pass
4**	7585.853	43.40	54.0	10.60	AV	203.00	100	Horizontal	Pass
5	12512.661	53.03	74.0	20.97	Peak	325.00	300	Horizontal	Pass
5**	12512.661	44.57	54.0	9.43	AV	325.00	300	Horizontal	Pass
6	16095.948	55.83	74.0	18.17	Peak	344.00	400	Horizontal	Pass
6**	16095.948	44.23	54.0	9.77	AV	344.00	400	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.050	39.38	74.0	34.62	Peak	110.00	200	Vertical	Pass
1**	1600.050	27.49	54.0	26.51	AV	110.00	200	Vertical	Pass
2	2229.889	44.60	74.0	29.40	Peak	283.00	100	Vertical	Pass
2**	2229.889	32.15	54.0	21.85	AV	283.00	100	Vertical	Pass
3	4259.084	45.28	74.0	28.72	Peak	42.00	200	Vertical	Pass
3**	4259.084	41.12	54.0	12.88	AV	42.00	200	Vertical	Pass
4	7704.958	50.07	74.0	23.93	Peak	340.00	300	Vertical	Pass
4**	7704.958	45.07	54.0	8.93	AV	340.00	300	Vertical	Pass
5	12493.602	54.82	74.0	19.18	Peak	273.00	100	Vertical	Pass
5**	12493.602	45.03	54.0	8.97	AV	273.00	100	Vertical	Pass
6	15674.789	52.84	74.0	21.16	Peak	317.00	300	Vertical	Pass
6**	15674.789	41.15	54.0	12.85	AV	317.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.197	41.05	74.0	32.95	Peak	259.00	400	Horizontal	Pass
1**	1595.197	29.16	54.0	24.84	AV	259.00	400	Horizontal	Pass
2	2262.031	41.90	74.0	32.10	Peak	178.00	200	Horizontal	Pass
2**	2262.031	31.36	54.0	22.64	AV	178.00	200	Horizontal	Pass
3	4268.936	50.34	74.0	23.66	Peak	345.00	200	Horizontal	Pass
3**	4268.936	35.73	54.0	18.27	AV	345.00	200	Horizontal	Pass
4	7590.829	54.94	74.0	19.06	Peak	347.00	100	Horizontal	Pass
4**	7590.829	41.44	54.0	12.56	AV	347.00	100	Horizontal	Pass
5	12511.201	55.71	74.0	18.29	Peak	208.00	400	Horizontal	Pass
5**	12511.201	47.78	54.0	6.22	AV	208.00	400	Horizontal	Pass
6	16092.951	54.17	74.0	19.83	Peak	178.00	100	Horizontal	Pass
6**	16092.951	45.58	54.0	8.42	AV	178.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.194	40.99	74.0	33.01	Peak	209.00	400	Vertical	Pass
1**	1599.194	27.40	54.0	26.60	AV	209.00	400	Vertical	Pass
2	2224.061	43.50	74.0	30.50	Peak	71.00	300	Vertical	Pass
2**	2224.061	34.94	54.0	19.06	AV	71.00	300	Vertical	Pass
3	4256.816	46.85	74.0	27.15	Peak	157.00	200	Vertical	Pass
3**	4256.816	39.65	54.0	14.35	AV	157.00	200	Vertical	Pass
4	7703.284	51.19	74.0	22.81	Peak	105.00	300	Vertical	Pass
4**	7703.284	43.63	54.0	10.37	AV	105.00	300	Vertical	Pass
5	12498.003	54.35	74.0	19.65	Peak	319.00	300	Vertical	Pass
5**	12498.003	45.10	54.0	8.90	AV	319.00	300	Vertical	Pass
6	15673.351	55.60	74.0	18.40	Peak	4.00	200	Vertical	Pass
6**	15673.351	42.59	54.0	11.41	AV	4.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.526	40.38	74.0	33.62	Peak	30.00	400	Horizontal	Pass
1**	1594.526	31.68	54.0	22.32	AV	30.00	400	Horizontal	Pass
2	2261.388	44.91	74.0	29.09	Peak	77.00	200	Horizontal	Pass
2**	2261.388	35.55	54.0	18.45	AV	77.00	200	Horizontal	Pass
3	4264.620	48.79	74.0	25.21	Peak	12.00	200	Horizontal	Pass
3**	4264.620	36.91	54.0	17.09	AV	12.00	200	Horizontal	Pass
4	7588.141	53.50	74.0	20.50	Peak	317.00	200	Horizontal	Pass
4**	7588.141	43.48	54.0	10.52	AV	317.00	200	Horizontal	Pass
5	12511.247	56.52	74.0	17.48	Peak	119.00	200	Horizontal	Pass
5**	12511.247	42.93	54.0	11.07	AV	119.00	200	Horizontal	Pass
6	16092.674	53.70	74.0	20.30	Peak	18.00	200	Horizontal	Pass
6**	16092.674	45.39	54.0	8.61	AV	18.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.219	38.76	74.0	35.24	Peak	316.00	100	Vertical	Pass
1**	1599.219	28.34	54.0	25.66	AV	316.00	100	Vertical	Pass
2	2224.903	47.01	74.0	26.99	Peak	19.00	100	Vertical	Pass
2**	2224.903	35.04	54.0	18.96	AV	19.00	100	Vertical	Pass
3	4255.001	47.07	74.0	26.93	Peak	93.00	200	Vertical	Pass
3**	4255.001	39.37	54.0	14.63	AV	93.00	200	Vertical	Pass
4	7707.004	53.65	74.0	20.35	Peak	17.00	200	Vertical	Pass
4**	7707.004	42.18	54.0	11.82	AV	17.00	200	Vertical	Pass
5	12494.802	54.90	74.0	19.10	Peak	189.00	300	Vertical	Pass
5**	12494.802	43.47	54.0	10.53	AV	189.00	300	Vertical	Pass
6	15671.002	55.28	74.0	18.72	Peak	246.00	200	Vertical	Pass
6**	15671.002	42.99	54.0	11.01	AV	246.00	200	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.084	36.55	74.0	37.45	Peak	324.00	200	Horizontal	Pass
1**	1592.084	27.95	54.0	26.05	AV	324.00	200	Horizontal	Pass
2	2264.490	42.28	74.0	31.72	Peak	220.00	400	Horizontal	Pass
2**	2264.490	35.28	54.0	18.72	AV	220.00	400	Horizontal	Pass
3	4264.229	50.39	74.0	23.61	Peak	246.00	200	Horizontal	Pass
3**	4264.229	40.43	54.0	13.57	AV	246.00	200	Horizontal	Pass
4	7589.629	51.36	74.0	22.64	Peak	56.00	300	Horizontal	Pass
4**	7589.629	45.86	54.0	8.14	AV	56.00	300	Horizontal	Pass
5	12511.857	56.49	74.0	17.51	Peak	182.00	300	Horizontal	Pass
5**	12511.857	46.50	54.0	7.50	AV	182.00	300	Horizontal	Pass
6	16094.777	53.54	74.0	20.46	Peak	208.00	100	Horizontal	Pass
6**	16094.777	42.02	54.0	11.98	AV	208.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.740	35.39	74.0	38.61	Peak	274.00	200	Vertical	Pass
1**	1598.740	27.09	54.0	26.91	AV	274.00	200	Vertical	Pass
2	2227.458	44.03	74.0	29.97	Peak	268.00	100	Vertical	Pass
2**	2227.458	34.83	54.0	19.17	AV	268.00	100	Vertical	Pass
3	4260.106	47.40	74.0	26.60	Peak	168.00	200	Vertical	Pass
3**	4260.106	37.98	54.0	16.02	AV	168.00	200	Vertical	Pass
4	7705.224	54.63	74.0	19.37	Peak	77.00	100	Vertical	Pass
4**	7705.224	41.64	54.0	12.36	AV	77.00	100	Vertical	Pass
5	12492.861	55.79	74.0	18.21	Peak	198.00	200	Vertical	Pass
5**	12492.861	44.33	54.0	9.67	AV	198.00	200	Vertical	Pass
6	15676.270	54.73	74.0	19.27	Peak	308.00	100	Vertical	Pass
6**	15676.270	45.64	54.0	8.36	AV	308.00	100	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.211	40.15	74.0	33.85	Peak	301.00	100	Horizontal	Pass
1**	1594.211	27.52	54.0	26.48	AV	301.00	100	Horizontal	Pass
2	2263.789	45.59	74.0	28.41	Peak	178.00	400	Horizontal	Pass
2**	2263.789	36.18	54.0	17.82	AV	178.00	400	Horizontal	Pass
3	4264.162	46.42	74.0	27.58	Peak	96.00	200	Horizontal	Pass
3**	4264.162	38.51	54.0	15.49	AV	96.00	200	Horizontal	Pass
4	7587.282	51.94	74.0	22.06	Peak	112.00	300	Horizontal	Pass
4**	7587.282	42.53	54.0	11.47	AV	112.00	300	Horizontal	Pass
5	12514.622	52.64	74.0	21.36	Peak	174.00	100	Horizontal	Pass
5**	12514.622	44.34	54.0	9.66	AV	174.00	100	Horizontal	Pass
6	16095.332	51.58	74.0	22.42	Peak	333.00	200	Horizontal	Pass
6**	16095.332	43.21	54.0	10.79	AV	333.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.768	38.86	74.0	35.14	Peak	224.00	200	Vertical	Pass
1**	1599.768	30.97	54.0	23.03	AV	224.00	200	Vertical	Pass
2	2224.317	42.03	74.0	31.97	Peak	260.00	300	Vertical	Pass
2**	2224.317	36.47	54.0	17.53	AV	260.00	300	Vertical	Pass
3	4259.264	45.94	74.0	28.06	Peak	321.00	200	Vertical	Pass
3**	4259.264	37.92	54.0	16.08	AV	321.00	200	Vertical	Pass
4	7706.863	55.27	74.0	18.73	Peak	98.00	400	Vertical	Pass
4**	7706.863	45.76	54.0	8.24	AV	98.00	400	Vertical	Pass
5	12497.255	54.83	74.0	19.17	Peak	198.00	100	Vertical	Pass
5**	12497.255	47.33	54.0	6.67	AV	198.00	100	Vertical	Pass
6	15669.853	53.51	74.0	20.49	Peak	258.00	400	Vertical	Pass
6**	15669.853	45.13	54.0	8.87	AV	258.00	400	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.519	39.46	74.0	34.54	Peak	329.00	100	Horizontal	Pass
1**	1590.519	28.53	54.0	25.47	AV	329.00	100	Horizontal	Pass
2	2257.188	47.13	74.0	26.87	Peak	334.00	200	Horizontal	Pass
2**	2257.188	37.03	54.0	16.97	AV	334.00	200	Horizontal	Pass
3	4267.097	46.69	74.0	27.31	Peak	151.00	200	Horizontal	Pass
3**	4267.097	36.35	54.0	17.65	AV	151.00	200	Horizontal	Pass
4	7584.698	51.50	74.0	22.50	Peak	235.00	400	Horizontal	Pass
4**	7584.698	42.36	54.0	11.64	AV	235.00	400	Horizontal	Pass
5	12514.825	54.05	74.0	19.95	Peak	324.00	400	Horizontal	Pass
5**	12514.825	48.21	54.0	5.79	AV	324.00	400	Horizontal	Pass
6	16095.698	56.96	74.0	17.04	Peak	291.00	200	Horizontal	Pass
6**	16095.698	41.85	54.0	12.15	AV	291.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.890	38.88	74.0	35.12	Peak	122.00	200	Vertical	Pass
1**	1601.890	30.30	54.0	23.70	AV	122.00	200	Vertical	Pass
2	2229.872	42.75	74.0	31.25	Peak	271.00	400	Vertical	Pass
2**	2229.872	34.22	54.0	19.78	AV	271.00	400	Vertical	Pass
3	4257.061	45.00	74.0	29.00	Peak	286.00	200	Vertical	Pass
3**	4257.061	40.69	54.0	13.31	AV	286.00	200	Vertical	Pass
4	7706.877	52.62	74.0	21.38	Peak	323.00	400	Vertical	Pass
4**	7706.877	42.11	54.0	11.89	AV	323.00	400	Vertical	Pass
5	12497.732	53.73	74.0	20.27	Peak	296.00	300	Vertical	Pass
5**	12497.732	43.15	54.0	10.85	AV	296.00	300	Vertical	Pass
6	15673.673	55.61	74.0	18.39	Peak	354.00	300	Vertical	Pass
6**	15673.673	46.37	54.0	7.63	AV	354.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.629	35.40	74.0	38.60	Peak	337.00	100	Horizontal	Pass
1**	1593.629	27.03	54.0	26.97	AV	337.00	100	Horizontal	Pass
2	2259.893	43.40	74.0	30.60	Peak	206.00	100	Horizontal	Pass
2**	2259.893	31.71	54.0	22.29	AV	206.00	100	Horizontal	Pass
3	4265.031	45.30	74.0	28.70	Peak	4.00	200	Horizontal	Pass
3**	4265.031	35.84	54.0	18.16	AV	4.00	200	Horizontal	Pass
4	7586.115	54.55	74.0	19.45	Peak	197.00	400	Horizontal	Pass
4**	7586.115	43.80	54.0	10.20	AV	197.00	400	Horizontal	Pass
5	12509.631	54.60	74.0	19.40	Peak	338.00	100	Horizontal	Pass
5**	12509.631	43.16	54.0	10.84	AV	338.00	100	Horizontal	Pass
6	16095.732	55.34	74.0	18.66	Peak	247.00	200	Horizontal	Pass
6**	16095.732	43.53	54.0	10.47	AV	247.00	200	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.868	39.02	74.0	34.98	Peak	320.00	200	Vertical	Pass
1**	1600.868	30.36	54.0	23.64	AV	320.00	200	Vertical	Pass
2	2225.677	47.26	74.0	26.74	Peak	303.00	400	Vertical	Pass
2**	2225.677	31.57	54.0	22.43	AV	303.00	400	Vertical	Pass
3	4256.630	47.49	74.0	26.51	Peak	138.00	200	Vertical	Pass
3**	4256.630	38.56	54.0	15.44	AV	138.00	200	Vertical	Pass
4	7704.583	51.05	74.0	22.95	Peak	128.00	300	Vertical	Pass
4**	7704.583	44.42	54.0	9.58	AV	128.00	300	Vertical	Pass
5	12496.198	55.38	74.0	18.62	Peak	57.00	100	Vertical	Pass
5**	12496.198	47.31	54.0	6.69	AV	57.00	100	Vertical	Pass
6	15670.335	55.97	74.0	18.03	Peak	160.00	200	Vertical	Pass
6**	15670.335	44.06	54.0	9.94	AV	160.00	200	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.032	39.23	74.0	34.77	Peak	88.00	200	Horizontal	Pass
1**	1591.032	32.65	54.0	21.35	AV	88.00	200	Horizontal	Pass
2	2258.364	43.43	74.0	30.57	Peak	199.00	400	Horizontal	Pass
2**	2258.364	36.31	54.0	17.69	AV	199.00	400	Horizontal	Pass
3	4263.814	46.48	74.0	27.52	Peak	51.00	200	Horizontal	Pass
3**	4263.814	38.56	54.0	15.44	AV	51.00	200	Horizontal	Pass
4	7591.990	52.91	74.0	21.09	Peak	118.00	100	Horizontal	Pass
4**	7591.990	41.63	54.0	12.37	AV	118.00	100	Horizontal	Pass
5	12508.850	55.56	74.0	18.44	Peak	143.00	300	Horizontal	Pass
5**	12508.850	46.27	54.0	7.73	AV	143.00	300	Horizontal	Pass
6	16096.895	51.37	74.0	22.63	Peak	106.00	300	Horizontal	Pass
6**	16096.895	42.25	54.0	11.75	AV	106.00	300	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.719	37.12	74.0	36.88	Peak	358.00	400	Vertical	Pass
1**	1599.719	30.67	54.0	23.33	AV	358.00	400	Vertical	Pass
2	2229.492	45.81	74.0	28.19	Peak	317.00	300	Vertical	Pass
2**	2229.492	30.76	54.0	23.24	AV	317.00	300	Vertical	Pass
3	4261.356	46.63	74.0	27.37	Peak	169.00	200	Vertical	Pass
3**	4261.356	36.52	54.0	17.48	AV	169.00	200	Vertical	Pass
4	7703.178	55.37	74.0	18.63	Peak	87.00	400	Vertical	Pass
4**	7703.178	46.06	54.0	7.94	AV	87.00	400	Vertical	Pass
5	12492.616	56.15	74.0	17.85	Peak	202.00	100	Vertical	Pass
5**	12492.616	44.54	54.0	9.46	AV	202.00	100	Vertical	Pass
6	15669.123	55.18	74.0	18.82	Peak	237.00	300	Vertical	Pass
6**	15669.123	41.04	54.0	12.96	AV	237.00	300	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.837	40.03	74.0	33.97	Peak	345.00	100	Horizontal	Pass
1**	1590.837	32.04	54.0	21.96	AV	345.00	100	Horizontal	Pass
2	2259.272	44.89	74.0	29.11	Peak	19.00	300	Horizontal	Pass
2**	2259.272	35.20	54.0	18.80	AV	19.00	300	Horizontal	Pass
3	4268.404	50.39	74.0	23.61	Peak	226.00	200	Horizontal	Pass
3**	4268.404	36.24	54.0	17.76	AV	226.00	200	Horizontal	Pass
4	7587.547	54.14	74.0	19.86	Peak	150.00	300	Horizontal	Pass
4**	7587.547	45.51	54.0	8.49	AV	150.00	300	Horizontal	Pass
5	12511.217	55.13	74.0	18.87	Peak	139.00	200	Horizontal	Pass
5**	12511.217	42.64	54.0	11.36	AV	139.00	200	Horizontal	Pass
6	16095.816	56.26	74.0	17.74	Peak	83.00	400	Horizontal	Pass
6**	16095.816	43.60	54.0	10.40	AV	83.00	400	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.294	40.56	74.0	33.44	Peak	13.00	200	Vertical	Pass
1**	1596.294	29.37	54.0	24.63	AV	13.00	200	Vertical	Pass
2	2226.361	42.68	74.0	31.32	Peak	12.00	300	Vertical	Pass
2**	2226.361	33.68	54.0	20.32	AV	12.00	300	Vertical	Pass
3	4262.028	50.97	74.0	23.03	Peak	182.00	200	Vertical	Pass
3**	4262.028	38.76	54.0	15.24	AV	182.00	200	Vertical	Pass
4	7703.289	51.60	74.0	22.40	Peak	251.00	200	Vertical	Pass
4**	7703.289	45.85	54.0	8.15	AV	251.00	200	Vertical	Pass
5	12498.231	54.18	74.0	19.82	Peak	187.00	400	Vertical	Pass
5**	12498.231	42.18	54.0	11.82	AV	187.00	400	Vertical	Pass
6	15670.401	54.51	74.0	19.49	Peak	230.00	100	Vertical	Pass
6**	15670.401	41.67	54.0	12.33	AV	230.00	100	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.794	40.96	74.0	33.04	Peak	116.00	200	Horizontal	Pass
1**	1595.794	29.15	54.0	24.85	AV	116.00	200	Horizontal	Pass
2	2256.843	45.94	74.0	28.06	Peak	290.00	300	Horizontal	Pass
2**	2256.843	35.43	54.0	18.57	AV	290.00	300	Horizontal	Pass
3	4266.176	49.34	74.0	24.66	Peak	220.00	200	Horizontal	Pass
3**	4266.176	38.82	54.0	15.18	AV	220.00	200	Horizontal	Pass
4	7585.453	54.66	74.0	19.34	Peak	184.00	200	Horizontal	Pass
4**	7585.453	41.52	54.0	12.48	AV	184.00	200	Horizontal	Pass
5	12513.831	53.24	74.0	20.76	Peak	0.00	400	Horizontal	Pass
5**	12513.831	42.50	54.0	11.50	AV	0.00	400	Horizontal	Pass
6	16098.797	51.61	74.0	22.39	Peak	206.00	300	Horizontal	Pass
6**	16098.797	43.23	54.0	10.77	AV	206.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.689	37.86	74.0	36.14	Peak	316.00	300	Vertical	Pass
1**	1596.689	31.25	54.0	22.75	AV	316.00	300	Vertical	Pass
2	2228.455	42.57	74.0	31.43	Peak	166.00	400	Vertical	Pass
2**	2228.455	31.13	54.0	22.87	AV	166.00	400	Vertical	Pass
3	4257.893	50.91	74.0	23.09	Peak	290.00	200	Vertical	Pass
3**	4257.893	37.05	54.0	16.95	AV	290.00	200	Vertical	Pass
4	7703.582	51.15	74.0	22.85	Peak	244.00	100	Vertical	Pass
4**	7703.582	43.83	54.0	10.17	AV	244.00	100	Vertical	Pass
5	12499.192	55.21	74.0	18.79	Peak	224.00	400	Vertical	Pass
5**	12499.192	45.97	54.0	8.03	AV	224.00	400	Vertical	Pass
6	15673.378	53.87	74.0	20.13	Peak	157.00	400	Vertical	Pass
6**	15673.378	45.16	54.0	8.84	AV	157.00	400	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.238	39.49	74.0	34.51	Peak	272.00	300	Horizontal	Pass
1**	1593.238	28.60	54.0	25.40	AV	272.00	300	Horizontal	Pass
2	2263.757	42.95	74.0	31.05	Peak	1.00	300	Horizontal	Pass
2**	2263.757	35.45	54.0	18.55	AV	1.00	300	Horizontal	Pass
3	4264.647	49.04	74.0	24.96	Peak	337.00	200	Horizontal	Pass
3**	4264.647	37.72	54.0	16.28	AV	337.00	200	Horizontal	Pass
4	7592.211	53.65	74.0	20.35	Peak	112.00	400	Horizontal	Pass
4**	7592.211	42.56	54.0	11.44	AV	112.00	400	Horizontal	Pass
5	12513.456	53.61	74.0	20.39	Peak	96.00	300	Horizontal	Pass
5**	12513.456	43.60	54.0	10.40	AV	96.00	300	Horizontal	Pass
6	16091.820	52.56	74.0	21.44	Peak	54.00	200	Horizontal	Pass
6**	16091.820	41.63	54.0	12.37	AV	54.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.660	36.53	74.0	37.47	Peak	83.00	300	Vertical	Pass
1**	1597.660	26.09	54.0	27.91	AV	83.00	300	Vertical	Pass
2	2227.008	43.67	74.0	30.33	Peak	177.00	100	Vertical	Pass
2**	2227.008	31.46	54.0	22.54	AV	177.00	100	Vertical	Pass
3	4260.209	45.46	74.0	28.54	Peak	265.00	200	Vertical	Pass
3**	4260.209	37.49	54.0	16.51	AV	265.00	200	Vertical	Pass
4	7706.687	54.15	74.0	19.85	Peak	21.00	100	Vertical	Pass
4**	7706.687	43.69	54.0	10.31	AV	21.00	100	Vertical	Pass
5	12494.384	55.16	74.0	18.84	Peak	23.00	300	Vertical	Pass
5**	12494.384	42.21	54.0	11.79	AV	23.00	300	Vertical	Pass
6	15672.560	55.40	74.0	18.60	Peak	16.00	300	Vertical	Pass
6**	15672.560	41.34	54.0	12.66	AV	16.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.567	39.23	74.0	34.77	Peak	316.00	400	Horizontal	Pass
1**	1592.567	27.83	54.0	26.17	AV	316.00	400	Horizontal	Pass
2	2258.774	44.05	74.0	29.95	Peak	305.00	300	Horizontal	Pass
2**	2258.774	32.16	54.0	21.84	AV	305.00	300	Horizontal	Pass
3	4265.369	48.97	74.0	25.03	Peak	8.00	200	Horizontal	Pass
3**	4265.369	36.22	54.0	17.78	AV	8.00	200	Horizontal	Pass
4	7585.410	52.08	74.0	21.92	Peak	326.00	300	Horizontal	Pass
4**	7585.410	42.91	54.0	11.09	AV	326.00	300	Horizontal	Pass
5	12513.418	56.03	74.0	17.97	Peak	70.00	200	Horizontal	Pass
5**	12513.418	47.79	54.0	6.21	AV	70.00	200	Horizontal	Pass
6	16094.960	55.01	74.0	18.99	Peak	182.00	200	Horizontal	Pass
6**	16094.960	47.05	54.0	6.95	AV	182.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.661	38.58	74.0	35.42	Peak	298.00	400	Vertical	Pass
1**	1596.661	28.56	54.0	25.44	AV	298.00	400	Vertical	Pass
2	2227.243	44.08	74.0	29.92	Peak	96.00	100	Vertical	Pass
2**	2227.243	31.92	54.0	22.08	AV	96.00	100	Vertical	Pass
3	4262.290	46.00	74.0	28.00	Peak	309.00	200	Vertical	Pass
3**	4262.290	37.20	54.0	16.80	AV	309.00	200	Vertical	Pass
4	7700.721	51.39	74.0	22.61	Peak	229.00	100	Vertical	Pass
4**	7700.721	44.36	54.0	9.64	AV	229.00	100	Vertical	Pass
5	12492.774	52.07	74.0	21.93	Peak	148.00	400	Vertical	Pass
5**	12492.774	43.51	54.0	10.49	AV	148.00	400	Vertical	Pass
6	15669.415	55.69	74.0	18.31	Peak	263.00	200	Vertical	Pass
6**	15669.415	46.30	54.0	7.70	AV	263.00	200	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.518	35.40	74.0	38.60	Peak	125.00	200	Horizontal	Pass
1**	1592.518	31.73	54.0	22.27	AV	125.00	200	Horizontal	Pass
2	2257.110	45.19	74.0	28.81	Peak	89.00	200	Horizontal	Pass
2**	2257.110	32.16	54.0	21.84	AV	89.00	200	Horizontal	Pass
3	4263.908	46.45	74.0	27.55	Peak	22.00	200	Horizontal	Pass
3**	4263.908	37.00	54.0	17.00	AV	22.00	200	Horizontal	Pass
4	7587.804	55.81	74.0	18.19	Peak	224.00	300	Horizontal	Pass
4**	7587.804	41.80	54.0	12.20	AV	224.00	300	Horizontal	Pass
5	12512.261	52.87	74.0	21.13	Peak	116.00	200	Horizontal	Pass
5**	12512.261	43.92	54.0	10.08	AV	116.00	200	Horizontal	Pass
6	16093.206	53.48	74.0	20.52	Peak	13.00	200	Horizontal	Pass
6**	16093.206	43.92	54.0	10.08	AV	13.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.005	41.25	74.0	32.75	Peak	63.00	100	Vertical	Pass
1**	1602.005	30.26	54.0	23.74	AV	63.00	100	Vertical	Pass
2	2228.137	41.33	74.0	32.67	Peak	86.00	200	Vertical	Pass
2**	2228.137	32.01	54.0	21.99	AV	86.00	200	Vertical	Pass
3	4257.446	47.35	74.0	26.65	Peak	247.00	200	Vertical	Pass
3**	4257.446	38.98	54.0	15.02	AV	247.00	200	Vertical	Pass
4	7704.100	54.58	74.0	19.42	Peak	275.00	300	Vertical	Pass
4**	7704.100	44.91	54.0	9.09	AV	275.00	300	Vertical	Pass
5	12496.328	55.18	74.0	18.82	Peak	108.00	100	Vertical	Pass
5**	12496.328	43.01	54.0	10.99	AV	108.00	100	Vertical	Pass
6	15668.778	54.47	74.0	19.53	Peak	89.00	200	Vertical	Pass
6**	15668.778	42.45	54.0	11.55	AV	89.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.218	39.42	74.0	34.58	Peak	186.00	200	Horizontal	Pass
1**	1591.218	29.37	54.0	24.63	AV	186.00	200	Horizontal	Pass
2	2263.044	47.34	74.0	26.66	Peak	211.00	200	Horizontal	Pass
2**	2263.044	34.06	54.0	19.94	AV	211.00	200	Horizontal	Pass
3	4267.139	48.73	74.0	25.27	Peak	262.00	200	Horizontal	Pass
3**	4267.139	36.92	54.0	17.08	AV	262.00	200	Horizontal	Pass
4	7584.920	50.12	74.0	23.88	Peak	273.00	400	Horizontal	Pass
4**	7584.920	42.48	54.0	11.52	AV	273.00	400	Horizontal	Pass
5	12514.942	52.94	74.0	21.06	Peak	252.00	200	Horizontal	Pass
5**	12514.942	46.29	54.0	7.71	AV	252.00	200	Horizontal	Pass
6	16097.889	53.62	74.0	20.38	Peak	241.00	100	Horizontal	Pass
6**	16097.889	45.24	54.0	8.76	AV	241.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.812	40.58	74.0	33.42	Peak	190.00	200	Vertical	Pass
1**	1600.812	31.19	54.0	22.81	AV	190.00	200	Vertical	Pass
2	2231.618	43.86	74.0	30.14	Peak	317.00	300	Vertical	Pass
2**	2231.618	31.55	54.0	22.45	AV	317.00	300	Vertical	Pass
3	4257.205	45.41	74.0	28.59	Peak	20.00	200	Vertical	Pass
3**	4257.205	40.43	54.0	13.57	AV	20.00	200	Vertical	Pass
4	7703.515	54.11	74.0	19.89	Peak	137.00	200	Vertical	Pass
4**	7703.515	42.39	54.0	11.61	AV	137.00	200	Vertical	Pass
5	12497.617	55.90	74.0	18.10	Peak	213.00	200	Vertical	Pass
5**	12497.617	42.29	54.0	11.71	AV	213.00	200	Vertical	Pass
6	15675.296	54.74	74.0	19.26	Peak	269.00	400	Vertical	Pass
6**	15675.296	43.00	54.0	11.00	AV	269.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.364	36.09	74.0	37.91	Peak	322.00	100	Horizontal	Pass
1**	1594.364	31.50	54.0	22.50	AV	322.00	100	Horizontal	Pass
2	2258.444	47.15	74.0	26.85	Peak	198.00	300	Horizontal	Pass
2**	2258.444	34.71	54.0	19.29	AV	198.00	300	Horizontal	Pass
3	4267.478	50.82	74.0	23.18	Peak	63.00	200	Horizontal	Pass
3**	4267.478	40.78	54.0	13.22	AV	63.00	200	Horizontal	Pass
4	7591.831	53.41	74.0	20.59	Peak	309.00	200	Horizontal	Pass
4**	7591.831	44.90	54.0	9.10	AV	309.00	200	Horizontal	Pass
5	12513.439	52.99	74.0	21.01	Peak	35.00	200	Horizontal	Pass
5**	12513.439	47.43	54.0	6.57	AV	35.00	200	Horizontal	Pass
6	16092.055	51.46	74.0	22.54	Peak	263.00	200	Horizontal	Pass
6**	16092.055	41.78	54.0	12.22	AV	263.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.592	38.50	74.0	35.50	Peak	295.00	300	Vertical	Pass
1**	1596.592	30.54	54.0	23.46	AV	295.00	300	Vertical	Pass
2	2225.405	43.18	74.0	30.82	Peak	235.00	300	Vertical	Pass
2**	2225.405	35.83	54.0	18.17	AV	235.00	300	Vertical	Pass
3	4255.850	45.05	74.0	28.95	Peak	266.00	200	Vertical	Pass
3**	4255.850	39.45	54.0	14.55	AV	266.00	200	Vertical	Pass
4	7702.780	51.44	74.0	22.56	Peak	338.00	300	Vertical	Pass
4**	7702.780	45.91	54.0	8.09	AV	338.00	300	Vertical	Pass
5	12497.380	54.96	74.0	19.04	Peak	169.00	400	Vertical	Pass
5**	12497.380	43.28	54.0	10.72	AV	169.00	400	Vertical	Pass
6	15675.811	53.67	74.0	20.33	Peak	159.00	200	Vertical	Pass
6**	15675.811	42.80	54.0	11.20	AV	159.00	200	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.145	35.78	74.0	38.22	Peak	308.00	200	Horizontal	Pass
1**	1594.145	28.01	54.0	25.99	AV	308.00	200	Horizontal	Pass
2	2259.512	46.37	74.0	27.63	Peak	221.00	100	Horizontal	Pass
2**	2259.512	35.09	54.0	18.91	AV	221.00	100	Horizontal	Pass
3	4266.283	49.60	74.0	24.40	Peak	240.00	200	Horizontal	Pass
3**	4266.283	35.80	54.0	18.20	AV	240.00	200	Horizontal	Pass
4	7587.549	55.31	74.0	18.69	Peak	114.00	100	Horizontal	Pass
4**	7587.549	42.26	54.0	11.74	AV	114.00	100	Horizontal	Pass
5	12513.344	54.08	74.0	19.92	Peak	54.00	300	Horizontal	Pass
5**	12513.344	44.64	54.0	9.36	AV	54.00	300	Horizontal	Pass
6	16096.191	52.78	74.0	21.22	Peak	245.00	300	Horizontal	Pass
6**	16096.191	45.42	54.0	8.58	AV	245.00	300	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.399	37.43	74.0	36.57	Peak	260.00	200	Vertical	Pass
1**	1598.399	26.61	54.0	27.39	AV	260.00	200	Vertical	Pass
2	2231.196	41.91	74.0	32.09	Peak	317.00	200	Vertical	Pass
2**	2231.196	31.79	54.0	22.21	AV	317.00	200	Vertical	Pass
3	4255.802	45.82	74.0	28.18	Peak	136.00	200	Vertical	Pass
3**	4255.802	37.86	54.0	16.14	AV	136.00	200	Vertical	Pass
4	7707.210	53.25	74.0	20.75	Peak	334.00	400	Vertical	Pass
4**	7707.210	45.76	54.0	8.24	AV	334.00	400	Vertical	Pass
5	12496.449	52.44	74.0	21.56	Peak	79.00	400	Vertical	Pass
5**	12496.449	46.59	54.0	7.41	AV	79.00	400	Vertical	Pass
6	15672.012	55.93	74.0	18.07	Peak	284.00	400	Vertical	Pass
6**	15672.012	45.43	54.0	8.57	AV	284.00	400	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.420	39.31	74.0	34.69	Peak	15.00	300	Horizontal	Pass
1**	1590.420	29.41	54.0	24.59	AV	15.00	300	Horizontal	Pass
2	2258.634	41.87	74.0	32.13	Peak	224.00	200	Horizontal	Pass
2**	2258.634	31.98	54.0	22.02	AV	224.00	200	Horizontal	Pass
3	4265.820	48.79	74.0	25.21	Peak	358.00	200	Horizontal	Pass
3**	4265.820	40.60	54.0	13.40	AV	358.00	200	Horizontal	Pass
4	7584.265	50.71	74.0	23.29	Peak	27.00	300	Horizontal	Pass
4**	7584.265	45.59	54.0	8.41	AV	27.00	300	Horizontal	Pass
5	12512.689	55.34	74.0	18.66	Peak	225.00	200	Horizontal	Pass
5**	12512.689	48.01	54.0	5.99	AV	225.00	200	Horizontal	Pass
6	16091.833	51.48	74.0	22.52	Peak	91.00	400	Horizontal	Pass
6**	16091.833	43.14	54.0	10.86	AV	91.00	400	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.741	41.29	74.0	32.71	Peak	58.00	100	Vertical	Pass
1**	1595.741	30.04	54.0	23.96	AV	58.00	100	Vertical	Pass
2	2224.003	44.55	74.0	29.45	Peak	12.00	300	Vertical	Pass
2**	2224.003	31.70	54.0	22.30	AV	12.00	300	Vertical	Pass
3	4256.715	46.15	74.0	27.85	Peak	111.00	200	Vertical	Pass
3**	4256.715	41.26	54.0	12.74	AV	111.00	200	Vertical	Pass
4	7708.225	51.96	74.0	22.04	Peak	174.00	300	Vertical	Pass
4**	7708.225	44.97	54.0	9.03	AV	174.00	300	Vertical	Pass
5	12494.211	52.24	74.0	21.76	Peak	211.00	300	Vertical	Pass
5**	12494.211	42.44	54.0	11.56	AV	211.00	300	Vertical	Pass
6	15670.497	58.35	74.0	15.65	Peak	330.00	100	Vertical	Pass
6**	15670.497	45.23	54.0	8.77	AV	330.00	100	Vertical	Pass

11ac160, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.609	40.74	74.0	33.26	Peak	103.00	200	Horizontal	Pass
1**	1592.609	28.83	54.0	25.17	AV	103.00	200	Horizontal	Pass
2	2257.396	43.01	74.0	30.99	Peak	297.00	400	Horizontal	Pass
2**	2257.396	33.09	54.0	20.91	AV	297.00	400	Horizontal	Pass
3	4264.817	45.50	74.0	28.50	Peak	69.00	200	Horizontal	Pass
3**	4264.817	40.33	54.0	13.67	AV	69.00	200	Horizontal	Pass
4	7589.077	53.54	74.0	20.46	Peak	198.00	100	Horizontal	Pass
4**	7589.077	41.47	54.0	12.53	AV	198.00	100	Horizontal	Pass
5	12510.694	52.56	74.0	21.44	Peak	97.00	100	Horizontal	Pass
5**	12510.694	43.04	54.0	10.96	AV	97.00	100	Horizontal	Pass
6	16095.205	56.77	74.0	17.23	Peak	282.00	100	Horizontal	Pass
6**	16095.205	43.72	54.0	10.28	AV	282.00	100	Horizontal	Pass

11ac160, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.080	37.18	74.0	36.82	Peak	133.00	200	Vertical	Pass
1**	1597.080	25.83	54.0	28.17	AV	133.00	200	Vertical	Pass
2	2224.930	45.52	74.0	28.48	Peak	115.00	400	Vertical	Pass
2**	2224.930	34.37	54.0	19.63	AV	115.00	400	Vertical	Pass
3	4259.362	46.13	74.0	27.87	Peak	111.00	200	Vertical	Pass
3**	4259.362	41.25	54.0	12.75	AV	111.00	200	Vertical	Pass
4	7703.087	52.12	74.0	21.88	Peak	204.00	200	Vertical	Pass
4**	7703.087	44.57	54.0	9.43	AV	204.00	200	Vertical	Pass
5	12491.418	53.41	74.0	20.59	Peak	303.00	400	Vertical	Pass
5**	12491.418	43.06	54.0	10.94	AV	303.00	400	Vertical	Pass
6	15670.502	53.07	74.0	20.93	Peak	80.00	400	Vertical	Pass
6**	15670.502	43.71	54.0	10.29	AV	80.00	400	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.858	36.00	74.0	38.00	Peak	337.00	100	Horizontal	Pass
1**	1591.858	30.04	54.0	23.96	AV	337.00	100	Horizontal	Pass
2	2257.394	42.12	74.0	31.88	Peak	152.00	300	Horizontal	Pass
2**	2257.394	35.20	54.0	18.80	AV	152.00	300	Horizontal	Pass
3	4269.436	45.74	74.0	28.26	Peak	285.00	200	Horizontal	Pass
3**	4269.436	37.74	54.0	16.26	AV	285.00	200	Horizontal	Pass
4	7591.235	51.70	74.0	22.30	Peak	62.00	300	Horizontal	Pass
4**	7591.235	42.29	54.0	11.71	AV	62.00	300	Horizontal	Pass
5	12510.847	55.92	74.0	18.08	Peak	174.00	200	Horizontal	Pass
5**	12510.847	47.51	54.0	6.49	AV	174.00	200	Horizontal	Pass
6	16097.186	56.92	74.0	17.08	Peak	94.00	400	Horizontal	Pass
6**	16097.186	44.77	54.0	9.23	AV	94.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1600.640	39.55	74.0	34.45	Peak	232.00	300	Vertical	Pass
1**	1600.640	28.79	54.0	25.21	AV	232.00	300	Vertical	Pass
2	2225.852	46.58	74.0	27.42	Peak	209.00	300	Vertical	Pass
2**	2225.852	31.52	54.0	22.48	AV	209.00	300	Vertical	Pass
3	4255.608	47.57	74.0	26.43	Peak	288.00	200	Vertical	Pass
3**	4255.608	39.14	54.0	14.86	AV	288.00	200	Vertical	Pass
4	7703.124	55.71	74.0	18.29	Peak	61.00	200	Vertical	Pass
4**	7703.124	41.80	54.0	12.20	AV	61.00	200	Vertical	Pass
5	12496.290	56.14	74.0	17.86	Peak	180.00	300	Vertical	Pass
5**	12496.290	44.37	54.0	9.63	AV	180.00	300	Vertical	Pass
6	15674.914	52.53	74.0	21.47	Peak	247.00	300	Vertical	Pass
6**	15674.914	46.33	54.0	7.67	AV	247.00	300	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.763	36.89	74.0	37.11	Peak	343.00	200	Horizontal	Pass
1**	1597.763	32.05	54.0	21.95	AV	343.00	200	Horizontal	Pass
2	2264.551	41.53	74.0	32.47	Peak	161.00	400	Horizontal	Pass
2**	2264.551	32.00	54.0	22.00	AV	161.00	400	Horizontal	Pass
3	4266.226	49.20	74.0	24.80	Peak	98.00	200	Horizontal	Pass
3**	4266.226	38.59	54.0	15.41	AV	98.00	200	Horizontal	Pass
4	7590.918	53.36	74.0	20.64	Peak	200.00	100	Horizontal	Pass
4**	7590.918	42.05	54.0	11.95	AV	200.00	100	Horizontal	Pass
5	12513.488	50.90	74.0	23.10	Peak	59.00	300	Horizontal	Pass
5**	12513.488	46.50	54.0	7.50	AV	59.00	300	Horizontal	Pass
6	16092.527	54.76	74.0	19.24	Peak	223.00	300	Horizontal	Pass
6**	16092.527	46.23	54.0	7.77	AV	223.00	300	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.540	37.32	74.0	36.68	Peak	146.00	200	Vertical	Pass
1**	1599.540	31.24	54.0	22.76	AV	146.00	200	Vertical	Pass
2	2227.849	42.27	74.0	31.73	Peak	90.00	200	Vertical	Pass
2**	2227.849	31.25	54.0	22.75	AV	90.00	200	Vertical	Pass
3	4256.832	46.90	74.0	27.10	Peak	212.00	200	Vertical	Pass
3**	4256.832	39.06	54.0	14.94	AV	212.00	200	Vertical	Pass
4	7705.803	50.56	74.0	23.44	Peak	12.00	100	Vertical	Pass
4**	7705.803	41.45	54.0	12.55	AV	12.00	100	Vertical	Pass
5	12495.624	55.10	74.0	18.90	Peak	174.00	400	Vertical	Pass
5**	12495.624	44.21	54.0	9.79	AV	174.00	400	Vertical	Pass
6	15671.376	54.24	74.0	19.76	Peak	18.00	200	Vertical	Pass
6**	15671.376	45.40	54.0	8.60	AV	18.00	200	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.605	38.19	74.0	35.81	Peak	271.00	100	Horizontal	Pass
1**	1597.605	28.11	54.0	25.89	AV	271.00	100	Horizontal	Pass
2	2261.219	45.71	74.0	28.29	Peak	4.00	300	Horizontal	Pass
2**	2261.219	36.31	54.0	17.69	AV	4.00	300	Horizontal	Pass
3	4265.238	46.27	74.0	27.73	Peak	6.00	200	Horizontal	Pass
3**	4265.238	37.47	54.0	16.53	AV	6.00	200	Horizontal	Pass
4	7586.240	54.00	74.0	20.00	Peak	195.00	400	Horizontal	Pass
4**	7586.240	44.26	54.0	9.74	AV	195.00	400	Horizontal	Pass
5	12515.248	51.38	74.0	22.62	Peak	45.00	400	Horizontal	Pass
5**	12515.248	48.02	54.0	5.98	AV	45.00	400	Horizontal	Pass
6	16098.286	51.62	74.0	22.38	Peak	225.00	400	Horizontal	Pass
6**	16098.286	43.71	54.0	10.29	AV	225.00	400	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.434	39.85	74.0	34.15	Peak	82.00	100	Vertical	Pass
1**	1595.434	31.47	54.0	22.53	AV	82.00	100	Vertical	Pass
2	2225.167	42.30	74.0	31.70	Peak	74.00	300	Vertical	Pass
2**	2225.167	36.48	54.0	17.52	AV	74.00	300	Vertical	Pass
3	4257.708	49.58	74.0	24.42	Peak	137.00	200	Vertical	Pass
3**	4257.708	40.18	54.0	13.82	AV	137.00	200	Vertical	Pass
4	7703.189	50.45	74.0	23.55	Peak	332.00	400	Vertical	Pass
4**	7703.189	42.32	54.0	11.68	AV	332.00	400	Vertical	Pass
5	12492.972	51.27	74.0	22.73	Peak	64.00	300	Vertical	Pass
5**	12492.972	44.77	54.0	9.23	AV	64.00	300	Vertical	Pass
6	15676.273	52.56	74.0	21.44	Peak	211.00	300	Vertical	Pass
6**	15676.273	41.27	54.0	12.73	AV	211.00	300	Vertical	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.899	35.70	74.0	38.30	Peak	107.00	400	Horizontal	Pass
1**	1592.899	28.98	54.0	25.02	AV	107.00	400	Horizontal	Pass
2	2262.345	41.79	74.0	32.21	Peak	129.00	300	Horizontal	Pass
2**	2262.345	33.65	54.0	20.35	AV	129.00	300	Horizontal	Pass
3	4262.954	46.18	74.0	27.82	Peak	82.00	200	Horizontal	Pass
3**	4262.954	38.08	54.0	15.92	AV	82.00	200	Horizontal	Pass
4	7584.878	50.17	74.0	23.83	Peak	64.00	200	Horizontal	Pass
4**	7584.878	42.48	54.0	11.52	AV	64.00	200	Horizontal	Pass
5	12510.789	53.84	74.0	20.16	Peak	224.00	200	Horizontal	Pass
5**	12510.789	48.36	54.0	5.64	AV	224.00	200	Horizontal	Pass
6	16095.789	53.12	74.0	20.88	Peak	125.00	100	Horizontal	Pass
6**	16095.789	44.92	54.0	9.08	AV	125.00	100	Horizontal	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.641	36.97	74.0	37.03	Peak	232.00	300	Vertical	Pass
1**	1598.641	30.68	54.0	23.32	AV	232.00	300	Vertical	Pass
2	2227.870	46.30	74.0	27.70	Peak	239.00	100	Vertical	Pass
2**	2227.870	34.63	54.0	19.37	AV	239.00	100	Vertical	Pass
3	4258.410	50.45	74.0	23.55	Peak	226.00	200	Vertical	Pass
3**	4258.410	39.71	54.0	14.29	AV	226.00	200	Vertical	Pass
4	7701.778	55.31	74.0	18.69	Peak	159.00	200	Vertical	Pass
4**	7701.778	44.26	54.0	9.74	AV	159.00	200	Vertical	Pass
5	12494.762	55.98	74.0	18.02	Peak	219.00	300	Vertical	Pass
5**	12494.762	42.13	54.0	11.87	AV	219.00	300	Vertical	Pass
6	15671.336	53.34	74.0	20.66	Peak	296.00	400	Vertical	Pass
6**	15671.336	41.26	54.0	12.74	AV	296.00	400	Vertical	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.821	41.04	74.0	32.96	Peak	12.00	400	Horizontal	Pass
1**	1596.821	27.40	54.0	26.60	AV	12.00	400	Horizontal	Pass
2	2262.782	41.94	74.0	32.06	Peak	139.00	400	Horizontal	Pass
2**	2262.782	32.47	54.0	21.53	AV	139.00	400	Horizontal	Pass
3	4263.797	46.29	74.0	27.71	Peak	336.00	200	Horizontal	Pass
3**	4263.797	37.45	54.0	16.55	AV	336.00	200	Horizontal	Pass
4	7586.096	55.08	74.0	18.92	Peak	28.00	100	Horizontal	Pass
4**	7586.096	43.04	54.0	10.96	AV	28.00	100	Horizontal	Pass
5	12508.776	56.18	74.0	17.82	Peak	195.00	100	Horizontal	Pass
5**	12508.776	46.90	54.0	7.10	AV	195.00	100	Horizontal	Pass
6	16098.279	54.07	74.0	19.93	Peak	246.00	400	Horizontal	Pass
6**	16098.279	44.69	54.0	9.31	AV	246.00	400	Horizontal	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.767	36.34	74.0	37.66	Peak	171.00	200	Vertical	Pass
1**	1597.767	27.84	54.0	26.16	AV	171.00	200	Vertical	Pass
2	2226.202	42.84	74.0	31.16	Peak	287.00	400	Vertical	Pass
2**	2226.202	35.71	54.0	18.29	AV	287.00	400	Vertical	Pass
3	4257.500	50.21	74.0	23.79	Peak	7.00	200	Vertical	Pass
3**	4257.500	35.81	54.0	18.19	AV	7.00	200	Vertical	Pass
4	7703.726	51.88	74.0	22.12	Peak	267.00	400	Vertical	Pass
4**	7703.726	44.57	54.0	9.43	AV	267.00	400	Vertical	Pass
5	12498.319	55.55	74.0	18.45	Peak	245.00	100	Vertical	Pass
5**	12498.319	42.72	54.0	11.28	AV	245.00	100	Vertical	Pass
6	15672.267	53.46	74.0	20.54	Peak	19.00	100	Vertical	Pass
6**	15672.267	44.57	54.0	9.43	AV	19.00	100	Vertical	Pass

11ax80 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.699	35.34	74.0	38.66	Peak	135.00	300	Horizontal	Pass
1**	1595.699	28.14	54.0	25.86	AV	135.00	300	Horizontal	Pass
2	2260.228	42.53	74.0	31.47	Peak	135.00	100	Horizontal	Pass
2**	2260.228	33.70	54.0	20.30	AV	135.00	100	Horizontal	Pass
3	4269.665	47.52	74.0	26.48	Peak	282.00	200	Horizontal	Pass
3**	4269.665	41.45	54.0	12.55	AV	282.00	200	Horizontal	Pass
4	7585.352	55.22	74.0	18.78	Peak	101.00	400	Horizontal	Pass
4**	7585.352	43.52	54.0	10.48	AV	101.00	400	Horizontal	Pass
5	12513.323	54.17	74.0	19.83	Peak	60.00	200	Horizontal	Pass
5**	12513.323	45.18	54.0	8.82	AV	60.00	200	Horizontal	Pass
6	16093.290	54.76	74.0	19.24	Peak	74.00	400	Horizontal	Pass
6**	16093.290	44.24	54.0	9.76	AV	74.00	400	Horizontal	Pass

11ax80 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.059	36.65	74.0	37.35	Peak	267.00	200	Vertical	Pass
1**	1595.059	27.31	54.0	26.69	AV	267.00	200	Vertical	Pass
2	2226.241	42.91	74.0	31.09	Peak	271.00	200	Vertical	Pass
2**	2226.241	31.18	54.0	22.82	AV	271.00	200	Vertical	Pass
3	4258.803	48.77	74.0	25.23	Peak	185.00	200	Vertical	Pass
3**	4258.803	39.45	54.0	14.55	AV	185.00	200	Vertical	Pass
4	7706.732	50.07	74.0	23.93	Peak	149.00	200	Vertical	Pass
4**	7706.732	44.40	54.0	9.60	AV	149.00	200	Vertical	Pass
5	12492.215	51.99	74.0	22.01	Peak	295.00	300	Vertical	Pass
5**	12492.215	41.95	54.0	12.05	AV	295.00	300	Vertical	Pass
6	15675.717	53.95	74.0	20.05	Peak	196.00	100	Vertical	Pass
6**	15675.717	43.77	54.0	10.23	AV	196.00	100	Vertical	Pass

11ax80 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.579	35.45	74.0	38.55	Peak	123.00	400	Horizontal	Pass
1**	1595.579	29.42	54.0	24.58	AV	123.00	400	Horizontal	Pass
2	2262.768	45.63	74.0	28.37	Peak	287.00	100	Horizontal	Pass
2**	2262.768	35.64	54.0	18.36	AV	287.00	100	Horizontal	Pass
3	4265.561	46.54	74.0	27.46	Peak	139.00	200	Horizontal	Pass
3**	4265.561	39.93	54.0	14.07	AV	139.00	200	Horizontal	Pass
4	7585.487	53.03	74.0	20.97	Peak	189.00	400	Horizontal	Pass
4**	7585.487	44.90	54.0	9.10	AV	189.00	400	Horizontal	Pass
5	12508.922	53.67	74.0	20.33	Peak	316.00	100	Horizontal	Pass
5**	12508.922	45.21	54.0	8.79	AV	316.00	100	Horizontal	Pass
6	16097.092	55.51	74.0	18.49	Peak	287.00	100	Horizontal	Pass
6**	16097.092	43.87	54.0	10.13	AV	287.00	100	Horizontal	Pass

11ax80 (SU), U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.437	40.13	74.0	33.87	Peak	261.00	200	Vertical	Pass
1**	1598.437	25.91	54.0	28.09	AV	261.00	200	Vertical	Pass
2	2227.378	41.37	74.0	32.63	Peak	195.00	400	Vertical	Pass
2**	2227.378	31.44	54.0	22.56	AV	195.00	400	Vertical	Pass
3	4258.221	47.85	74.0	26.15	Peak	44.00	200	Vertical	Pass
3**	4258.221	38.30	54.0	15.70	AV	44.00	200	Vertical	Pass
4	7708.462	55.63	74.0	18.37	Peak	73.00	100	Vertical	Pass
4**	7708.462	42.44	54.0	11.56	AV	73.00	100	Vertical	Pass
5	12498.631	53.54	74.0	20.46	Peak	330.00	100	Vertical	Pass
5**	12498.631	43.17	54.0	10.83	AV	330.00	100	Vertical	Pass
6	15672.533	55.63	74.0	18.37	Peak	17.00	100	Vertical	Pass
6**	15672.533	42.64	54.0	11.36	AV	17.00	100	Vertical	Pass

11ax160 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1591.812	36.00	74.0	38.00	Peak	231.00	100	Horizontal	Pass
1**	1591.812	30.39	54.0	23.61	AV	231.00	100	Horizontal	Pass
2	2264.499	47.92	74.0	26.08	Peak	342.00	300	Horizontal	Pass
2**	2264.499	33.70	54.0	20.30	AV	342.00	300	Horizontal	Pass
3	4262.521	47.28	74.0	26.72	Peak	42.00	200	Horizontal	Pass
3**	4262.521	37.93	54.0	16.07	AV	42.00	200	Horizontal	Pass
4	7586.003	53.62	74.0	20.38	Peak	231.00	200	Horizontal	Pass
4**	7586.003	44.41	54.0	9.59	AV	231.00	200	Horizontal	Pass
5	12506.314	52.50	74.0	21.50	Peak	240.00	400	Horizontal	Pass
5**	12506.314	44.66	54.0	9.34	AV	240.00	400	Horizontal	Pass
6	16097.789	54.82	74.0	19.18	Peak	156.00	300	Horizontal	Pass
6**	16097.789	46.04	54.0	7.96	AV	156.00	300	Horizontal	Pass

11ax160 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.015	39.54	74.0	34.46	Peak	254.00	200	Vertical	Pass
1**	1599.015	27.70	54.0	26.30	AV	254.00	200	Vertical	Pass
2	2224.260	38.47	74.0	35.53	Peak	246.00	100	Vertical	Pass
2**	2224.260	33.19	54.0	20.81	AV	246.00	100	Vertical	Pass
3	4255.189	50.72	74.0	23.28	Peak	30.00	200	Vertical	Pass
3**	4255.189	36.47	54.0	17.53	AV	30.00	200	Vertical	Pass
4	7705.661	53.25	74.0	20.75	Peak	122.00	400	Vertical	Pass
4**	7705.661	40.15	54.0	13.85	AV	122.00	400	Vertical	Pass
5	12499.759	53.11	74.0	20.89	Peak	326.00	300	Vertical	Pass
5**	12499.759	44.83	54.0	9.17	AV	326.00	300	Vertical	Pass
6	15673.934	54.64	74.0	19.36	Peak	216.00	300	Vertical	Pass
6**	15673.934	44.53	54.0	9.47	AV	216.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.750	37.96	74.0	36.04	Peak	4.00	100	Horizontal	Pass
1**	1622.750	29.75	54.0	24.25	AV	4.00	100	Horizontal	Pass
2	2326.696	44.18	74.0	29.82	Peak	226.00	200	Horizontal	Pass
2**	2326.696	39.30	54.0	14.70	AV	226.00	200	Horizontal	Pass
3	4147.301	44.26	74.0	29.74	Peak	38.00	200	Horizontal	Pass
3**	4147.301	35.06	54.0	18.94	AV	38.00	200	Horizontal	Pass
4	7609.325	50.37	74.0	23.63	Peak	260.00	100	Horizontal	Pass
4**	7609.325	42.94	54.0	11.06	AV	260.00	100	Horizontal	Pass
5	12465.454	51.65	74.0	22.35	Peak	53.00	100	Horizontal	Pass
5**	12465.454	42.67	54.0	11.33	AV	53.00	100	Horizontal	Pass
6	15863.807	57.37	74.0	16.63	Peak	143.00	300	Horizontal	Pass
6**	15863.807	41.82	54.0	12.18	AV	143.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.071	40.20	74.0	33.80	Peak	61.00	400	Vertical	Pass
1**	1612.071	28.89	54.0	25.11	AV	61.00	400	Vertical	Pass
2	2310.675	42.75	74.0	31.25	Peak	330.00	100	Vertical	Pass
2**	2310.675	34.79	54.0	19.21	AV	330.00	100	Vertical	Pass
3	4313.205	46.60	74.0	27.40	Peak	352.00	200	Vertical	Pass
3**	4313.205	39.34	54.0	14.66	AV	352.00	200	Vertical	Pass
4	7712.587	53.23	74.0	20.77	Peak	5.00	300	Vertical	Pass
4**	7712.587	45.86	54.0	8.14	AV	5.00	300	Vertical	Pass
5	12470.308	56.19	74.0	17.81	Peak	105.00	400	Vertical	Pass
5**	12470.308	44.87	54.0	9.13	AV	105.00	400	Vertical	Pass
6	15930.428	56.21	74.0	17.79	Peak	137.00	300	Vertical	Pass
6**	15930.428	43.08	54.0	10.92	AV	137.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.096	40.45	74.0	33.55	Peak	242.00	300	Horizontal	Pass
1**	1625.096	30.16	54.0	23.84	AV	242.00	300	Horizontal	Pass
2	2323.835	43.91	74.0	30.09	Peak	317.00	400	Horizontal	Pass
2**	2323.835	33.72	54.0	20.28	AV	317.00	400	Horizontal	Pass
3	4151.141	47.05	74.0	26.95	Peak	280.00	200	Horizontal	Pass
3**	4151.141	36.81	54.0	17.19	AV	280.00	200	Horizontal	Pass
4	7605.944	50.88	74.0	23.12	Peak	135.00	300	Horizontal	Pass
4**	7605.944	45.73	54.0	8.27	AV	135.00	300	Horizontal	Pass
5	12463.139	55.04	74.0	18.96	Peak	207.00	200	Horizontal	Pass
5**	12463.139	41.17	54.0	12.83	AV	207.00	200	Horizontal	Pass
6	15871.356	56.59	74.0	17.41	Peak	349.00	300	Horizontal	Pass
6**	15871.356	43.22	54.0	10.78	AV	349.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.034	39.60	74.0	34.40	Peak	11.00	200	Vertical	Pass
1**	1607.034	29.06	54.0	24.94	AV	11.00	200	Vertical	Pass
2	2313.964	44.65	74.0	29.35	Peak	114.00	200	Vertical	Pass
2**	2313.964	36.72	54.0	17.28	AV	114.00	200	Vertical	Pass
3	4313.264	46.09	74.0	27.91	Peak	152.00	200	Vertical	Pass
3**	4313.264	35.26	54.0	18.74	AV	152.00	200	Vertical	Pass
4	7706.054	55.27	74.0	18.73	Peak	267.00	100	Vertical	Pass
4**	7706.054	44.91	54.0	9.09	AV	267.00	100	Vertical	Pass
5	12469.154	53.17	74.0	20.83	Peak	244.00	200	Vertical	Pass
5**	12469.154	44.79	54.0	9.21	AV	244.00	200	Vertical	Pass
6	15932.775	55.56	74.0	18.44	Peak	254.00	100	Vertical	Pass
6**	15932.775	42.60	54.0	11.40	AV	254.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.625	40.39	74.0	33.61	Peak	272.00	400	Horizontal	Pass
1**	1620.625	27.44	54.0	26.56	AV	272.00	400	Horizontal	Pass
2	2328.536	45.55	74.0	28.45	Peak	8.00	400	Horizontal	Pass
2**	2328.536	37.00	54.0	17.00	AV	8.00	400	Horizontal	Pass
3	4145.297	46.92	74.0	27.08	Peak	155.00	200	Horizontal	Pass
3**	4145.297	38.25	54.0	15.75	AV	155.00	200	Horizontal	Pass
4	7610.914	53.01	74.0	20.99	Peak	280.00	200	Horizontal	Pass
4**	7610.914	46.85	54.0	7.15	AV	280.00	200	Horizontal	Pass
5	12464.155	55.48	74.0	18.52	Peak	248.00	200	Horizontal	Pass
5**	12464.155	43.05	54.0	10.95	AV	248.00	200	Horizontal	Pass
6	15870.120	51.98	74.0	22.02	Peak	144.00	400	Horizontal	Pass
6**	15870.120	46.24	54.0	7.76	AV	144.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.719	39.74	74.0	34.26	Peak	72.00	400	Vertical	Pass
1**	1609.719	31.20	54.0	22.80	AV	72.00	400	Vertical	Pass
2	2313.172	47.18	74.0	26.82	Peak	156.00	200	Vertical	Pass
2**	2313.172	35.39	54.0	18.61	AV	156.00	200	Vertical	Pass
3	4316.835	48.82	74.0	25.18	Peak	144.00	200	Vertical	Pass
3**	4316.835	38.83	54.0	15.17	AV	144.00	200	Vertical	Pass
4	7709.349	55.19	74.0	18.81	Peak	47.00	400	Vertical	Pass
4**	7709.349	45.77	54.0	8.23	AV	47.00	400	Vertical	Pass
5	12473.721	51.04	74.0	22.96	Peak	271.00	200	Vertical	Pass
5**	12473.721	42.18	54.0	11.82	AV	271.00	200	Vertical	Pass
6	15928.717	55.79	74.0	18.21	Peak	251.00	100	Vertical	Pass
6**	15928.717	45.85	54.0	8.15	AV	251.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.946	41.01	74.0	32.99	Peak	171.00	400	Horizontal	Pass
1**	1623.946	32.31	54.0	21.69	AV	171.00	400	Horizontal	Pass
2	2326.801	44.83	74.0	29.17	Peak	48.00	200	Horizontal	Pass
2**	2326.801	34.96	54.0	19.04	AV	48.00	200	Horizontal	Pass
3	4146.089	47.74	74.0	26.26	Peak	171.00	200	Horizontal	Pass
3**	4146.089	40.63	54.0	13.37	AV	171.00	200	Horizontal	Pass
4	7612.347	52.19	74.0	21.81	Peak	319.00	100	Horizontal	Pass
4**	7612.347	43.63	54.0	10.37	AV	319.00	100	Horizontal	Pass
5	12468.692	55.55	74.0	18.45	Peak	131.00	100	Horizontal	Pass
5**	12468.692	41.69	54.0	12.31	AV	131.00	100	Horizontal	Pass
6	15866.010	54.45	74.0	19.55	Peak	189.00	200	Horizontal	Pass
6**	15866.010	46.38	54.0	7.62	AV	189.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.314	38.56	74.0	35.44	Peak	86.00	400	Vertical	Pass
1**	1607.314	27.33	54.0	26.67	AV	86.00	400	Vertical	Pass
2	2310.218	46.93	74.0	27.07	Peak	293.00	300	Vertical	Pass
2**	2310.218	33.77	54.0	20.23	AV	293.00	300	Vertical	Pass
3	4314.042	46.87	74.0	27.13	Peak	320.00	200	Vertical	Pass
3**	4314.042	39.82	54.0	14.18	AV	320.00	200	Vertical	Pass
4	7707.128	55.35	74.0	18.65	Peak	152.00	400	Vertical	Pass
4**	7707.128	45.41	54.0	8.59	AV	152.00	400	Vertical	Pass
5	12470.728	51.70	74.0	22.30	Peak	49.00	200	Vertical	Pass
5**	12470.728	45.03	54.0	8.97	AV	49.00	200	Vertical	Pass
6	15930.878	56.45	74.0	17.55	Peak	27.00	400	Vertical	Pass
6**	15930.878	46.59	54.0	7.41	AV	27.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1620.342	37.34	74.0	36.66	Peak	258.00	400	Horizontal	Pass
1**	1620.342	32.74	54.0	21.26	AV	258.00	400	Horizontal	Pass
2	2328.403	45.79	74.0	28.21	Peak	74.00	300	Horizontal	Pass
2**	2328.403	35.96	54.0	18.04	AV	74.00	300	Horizontal	Pass
3	4148.557	45.04	74.0	28.96	Peak	230.00	200	Horizontal	Pass
3**	4148.557	36.08	54.0	17.92	AV	230.00	200	Horizontal	Pass
4	7612.550	50.67	74.0	23.33	Peak	190.00	100	Horizontal	Pass
4**	7612.550	45.12	54.0	8.88	AV	190.00	100	Horizontal	Pass
5	12468.265	53.79	74.0	20.21	Peak	273.00	100	Horizontal	Pass
5**	12468.265	45.35	54.0	8.65	AV	273.00	100	Horizontal	Pass
6	15868.715	56.97	74.0	17.03	Peak	178.00	100	Horizontal	Pass
6**	15868.715	42.10	54.0	11.90	AV	178.00	100	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.608	41.63	74.0	32.37	Peak	112.00	300	Vertical	Pass
1**	1608.608	26.82	54.0	27.18	AV	112.00	300	Vertical	Pass
2	2315.150	42.60	74.0	31.40	Peak	80.00	100	Vertical	Pass
2**	2315.150	33.97	54.0	20.03	AV	80.00	100	Vertical	Pass
3	4313.478	48.47	74.0	25.53	Peak	167.00	200	Vertical	Pass
3**	4313.478	39.81	54.0	14.19	AV	167.00	200	Vertical	Pass
4	7709.425	52.41	74.0	21.59	Peak	290.00	200	Vertical	Pass
4**	7709.425	44.87	54.0	9.13	AV	290.00	200	Vertical	Pass
5	12470.020	52.07	74.0	21.93	Peak	163.00	300	Vertical	Pass
5**	12470.020	46.01	54.0	7.99	AV	163.00	300	Vertical	Pass
6	15932.487	52.14	74.0	21.86	Peak	168.00	200	Vertical	Pass
6**	15932.487	41.98	54.0	12.02	AV	168.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.950	38.00	74.0	36.00	Peak	192.00	100	Horizontal	Pass
1**	1621.950	31.95	54.0	22.05	AV	192.00	100	Horizontal	Pass
2	2324.513	46.47	74.0	27.53	Peak	282.00	200	Horizontal	Pass
2**	2324.513	36.51	54.0	17.49	AV	282.00	200	Horizontal	Pass
3	4153.149	49.17	74.0	24.83	Peak	279.00	200	Horizontal	Pass
3**	4153.149	39.61	54.0	14.39	AV	279.00	200	Horizontal	Pass
4	7612.949	50.94	74.0	23.06	Peak	133.00	200	Horizontal	Pass
4**	7612.949	41.26	54.0	12.74	AV	133.00	200	Horizontal	Pass
5	12469.693	52.26	74.0	21.74	Peak	303.00	200	Horizontal	Pass
5**	12469.693	42.76	54.0	11.24	AV	303.00	200	Horizontal	Pass
6	15870.771	51.92	74.0	22.08	Peak	199.00	300	Horizontal	Pass
6**	15870.771	41.89	54.0	12.11	AV	199.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1611.155	36.61	74.0	37.39	Peak	356.00	100	Vertical	Pass
1**	1611.155	31.34	54.0	22.66	AV	356.00	100	Vertical	Pass
2	2312.568	43.60	74.0	30.40	Peak	314.00	300	Vertical	Pass
2**	2312.568	34.86	54.0	19.14	AV	314.00	300	Vertical	Pass
3	4315.503	47.84	74.0	26.16	Peak	185.00	200	Vertical	Pass
3**	4315.503	35.24	54.0	18.76	AV	185.00	200	Vertical	Pass
4	7706.873	52.67	74.0	21.33	Peak	308.00	300	Vertical	Pass
4**	7706.873	44.65	54.0	9.35	AV	308.00	300	Vertical	Pass
5	12473.639	52.81	74.0	21.19	Peak	251.00	100	Vertical	Pass
5**	12473.639	42.54	54.0	11.46	AV	251.00	100	Vertical	Pass
6	15933.903	54.84	74.0	19.16	Peak	176.00	300	Vertical	Pass
6**	15933.903	43.54	54.0	10.46	AV	176.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1626.329	36.53	74.0	37.47	Peak	262.00	300	Horizontal	Pass
1**	1626.329	32.97	54.0	21.03	AV	262.00	300	Horizontal	Pass
2	2324.080	42.63	74.0	31.37	Peak	133.00	400	Horizontal	Pass
2**	2324.080	33.45	54.0	20.55	AV	133.00	400	Horizontal	Pass
3	4151.237	48.12	74.0	25.88	Peak	247.00	200	Horizontal	Pass
3**	4151.237	35.91	54.0	18.09	AV	247.00	200	Horizontal	Pass
4	7609.792	53.39	74.0	20.61	Peak	167.00	400	Horizontal	Pass
4**	7609.792	46.87	54.0	7.13	AV	167.00	400	Horizontal	Pass
5	12464.357	54.05	74.0	19.95	Peak	289.00	100	Horizontal	Pass
5**	12464.357	45.84	54.0	8.16	AV	289.00	100	Horizontal	Pass
6	15870.811	53.27	74.0	20.73	Peak	81.00	400	Horizontal	Pass
6**	15870.811	41.19	54.0	12.81	AV	81.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.207	40.49	74.0	33.51	Peak	146.00	200	Vertical	Pass
1**	1608.207	28.31	54.0	25.69	AV	146.00	200	Vertical	Pass
2	2309.218	44.12	74.0	29.88	Peak	0.00	300	Vertical	Pass
2**	2309.218	35.93	54.0	18.07	AV	0.00	300	Vertical	Pass
3	4312.700	49.90	74.0	24.10	Peak	342.00	200	Vertical	Pass
3**	4312.700	37.30	54.0	16.70	AV	342.00	200	Vertical	Pass
4	7711.240	53.59	74.0	20.41	Peak	308.00	200	Vertical	Pass
4**	7711.240	45.54	54.0	8.46	AV	308.00	200	Vertical	Pass
5	12470.783	52.56	74.0	21.44	Peak	135.00	400	Vertical	Pass
5**	12470.783	42.97	54.0	11.03	AV	135.00	400	Vertical	Pass
6	15932.552	53.65	74.0	20.35	Peak	10.00	100	Vertical	Pass
6**	15932.552	42.07	54.0	11.93	AV	10.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.027	38.20	74.0	35.80	Peak	327.00	100	Horizontal	Pass
1**	1624.027	31.77	54.0	22.23	AV	327.00	100	Horizontal	Pass
2	2328.051	47.05	74.0	26.95	Peak	280.00	400	Horizontal	Pass
2**	2328.051	38.17	54.0	15.83	AV	280.00	400	Horizontal	Pass
3	4146.107	46.82	74.0	27.18	Peak	257.00	200	Horizontal	Pass
3**	4146.107	39.12	54.0	14.88	AV	257.00	200	Horizontal	Pass
4	7611.141	50.77	74.0	23.23	Peak	10.00	300	Horizontal	Pass
4**	7611.141	45.70	54.0	8.30	AV	10.00	300	Horizontal	Pass
5	12465.791	52.44	74.0	21.56	Peak	322.00	400	Horizontal	Pass
5**	12465.791	41.95	54.0	12.05	AV	322.00	400	Horizontal	Pass
6	15867.776	52.59	74.0	21.41	Peak	254.00	200	Horizontal	Pass
6**	15867.776	44.80	54.0	9.20	AV	254.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1607.574	35.78	74.0	38.22	Peak	78.00	200	Vertical	Pass
1**	1607.574	30.56	54.0	23.44	AV	78.00	200	Vertical	Pass
2	2312.331	46.95	74.0	27.05	Peak	86.00	400	Vertical	Pass
2**	2312.331	33.45	54.0	20.55	AV	86.00	400	Vertical	Pass
3	4310.861	49.66	74.0	24.34	Peak	232.00	200	Vertical	Pass
3**	4310.861	39.00	54.0	15.00	AV	232.00	200	Vertical	Pass
4	7713.590	53.68	74.0	20.32	Peak	235.00	200	Vertical	Pass
4**	7713.590	42.54	54.0	11.46	AV	235.00	200	Vertical	Pass
5	12467.164	55.70	74.0	18.30	Peak	201.00	100	Vertical	Pass
5**	12467.164	46.02	54.0	7.98	AV	201.00	100	Vertical	Pass
6	15931.821	54.11	74.0	19.89	Peak	269.00	400	Vertical	Pass
6**	15931.821	42.65	54.0	11.35	AV	269.00	400	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.998	41.74	74.0	32.26	Peak	76.00	200	Horizontal	Pass
1**	1621.998	32.39	54.0	21.61	AV	76.00	200	Horizontal	Pass
2	2329.969	41.54	74.0	32.46	Peak	73.00	100	Horizontal	Pass
2**	2329.969	38.09	54.0	15.91	AV	73.00	100	Horizontal	Pass
3	4150.541	47.44	74.0	26.56	Peak	158.00	200	Horizontal	Pass
3**	4150.541	40.29	54.0	13.71	AV	158.00	200	Horizontal	Pass
4	7609.067	53.55	74.0	20.45	Peak	181.00	400	Horizontal	Pass
4**	7609.067	45.25	54.0	8.75	AV	181.00	400	Horizontal	Pass
5	12467.341	56.81	74.0	17.19	Peak	127.00	400	Horizontal	Pass
5**	12467.341	43.19	54.0	10.81	AV	127.00	400	Horizontal	Pass
6	15870.358	55.55	74.0	18.45	Peak	0.00	100	Horizontal	Pass
6**	15870.358	42.63	54.0	11.37	AV	0.00	100	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.752	37.00	74.0	37.00	Peak	328.00	400	Vertical	Pass
1**	1606.752	31.56	54.0	22.44	AV	328.00	400	Vertical	Pass
2	2311.007	46.61	74.0	27.39	Peak	269.00	100	Vertical	Pass
2**	2311.007	35.96	54.0	18.04	AV	269.00	100	Vertical	Pass
3	4317.440	49.00	74.0	25.00	Peak	233.00	200	Vertical	Pass
3**	4317.440	35.21	54.0	18.79	AV	233.00	200	Vertical	Pass
4	7708.179	52.83	74.0	21.17	Peak	23.00	400	Vertical	Pass
4**	7708.179	41.15	54.0	12.85	AV	23.00	400	Vertical	Pass
5	12470.435	52.62	74.0	21.38	Peak	41.00	300	Vertical	Pass
5**	12470.435	43.25	54.0	10.75	AV	41.00	300	Vertical	Pass
6	15932.337	52.48	74.0	21.52	Peak	172.00	200	Vertical	Pass
6**	15932.337	47.20	54.0	6.80	AV	172.00	200	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.671	41.54	74.0	32.46	Peak	210.00	400	Horizontal	Pass
1**	1621.671	27.17	54.0	26.83	AV	210.00	400	Horizontal	Pass
2	2327.950	43.81	74.0	30.19	Peak	2.00	200	Horizontal	Pass
2**	2327.950	36.94	54.0	17.06	AV	2.00	200	Horizontal	Pass
3	4151.159	48.26	74.0	25.74	Peak	193.00	200	Horizontal	Pass
3**	4151.159	37.12	54.0	16.88	AV	193.00	200	Horizontal	Pass
4	7611.190	52.50	74.0	21.50	Peak	211.00	300	Horizontal	Pass
4**	7611.190	44.24	54.0	9.76	AV	211.00	300	Horizontal	Pass
5	12466.826	53.61	74.0	20.39	Peak	251.00	200	Horizontal	Pass
5**	12466.826	46.01	54.0	7.99	AV	251.00	200	Horizontal	Pass
6	15870.977	52.76	74.0	21.24	Peak	49.00	100	Horizontal	Pass
6**	15870.977	41.25	54.0	12.75	AV	49.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.081	38.28	74.0	35.72	Peak	71.00	100	Vertical	Pass
1**	1605.081	26.86	54.0	27.14	AV	71.00	100	Vertical	Pass
2	2310.973	44.74	74.0	29.26	Peak	268.00	300	Vertical	Pass
2**	2310.973	38.40	54.0	15.60	AV	268.00	300	Vertical	Pass
3	4317.480	50.51	74.0	23.49	Peak	30.00	200	Vertical	Pass
3**	4317.480	38.30	54.0	15.70	AV	30.00	200	Vertical	Pass
4	7706.731	54.11	74.0	19.89	Peak	292.00	400	Vertical	Pass
4**	7706.731	44.93	54.0	9.07	AV	292.00	400	Vertical	Pass
5	12467.825	51.68	74.0	22.32	Peak	272.00	400	Vertical	Pass
5**	12467.825	41.43	54.0	12.57	AV	272.00	400	Vertical	Pass
6	15928.834	56.90	74.0	17.10	Peak	204.00	400	Vertical	Pass
6**	15928.834	41.50	54.0	12.50	AV	204.00	400	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1621.895	36.29	74.0	37.71	Peak	44.00	100	Horizontal	Pass
1**	1621.895	30.67	54.0	23.33	AV	44.00	100	Horizontal	Pass
2	2328.642	44.55	74.0	29.45	Peak	310.00	300	Horizontal	Pass
2**	2328.642	38.08	54.0	15.92	AV	310.00	300	Horizontal	Pass
3	4152.655	47.83	74.0	26.17	Peak	239.00	200	Horizontal	Pass
3**	4152.655	35.82	54.0	18.18	AV	239.00	200	Horizontal	Pass
4	7606.067	52.06	74.0	21.94	Peak	110.00	200	Horizontal	Pass
4**	7606.067	43.85	54.0	10.15	AV	110.00	200	Horizontal	Pass
5	12467.952	56.44	74.0	17.56	Peak	189.00	200	Horizontal	Pass
5**	12467.952	41.35	54.0	12.65	AV	189.00	200	Horizontal	Pass
6	15868.984	56.57	74.0	17.43	Peak	50.00	400	Horizontal	Pass
6**	15868.984	44.96	54.0	9.04	AV	50.00	400	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.059	39.93	74.0	34.07	Peak	139.00	100	Vertical	Pass
1**	1612.059	30.49	54.0	23.51	AV	139.00	100	Vertical	Pass
2	2309.308	45.56	74.0	28.44	Peak	344.00	400	Vertical	Pass
2**	2309.308	39.04	54.0	14.96	AV	344.00	400	Vertical	Pass
3	4313.626	50.52	74.0	23.48	Peak	68.00	200	Vertical	Pass
3**	4313.626	38.50	54.0	15.50	AV	68.00	200	Vertical	Pass
4	7711.264	54.43	74.0	19.57	Peak	63.00	100	Vertical	Pass
4**	7711.264	45.28	54.0	8.72	AV	63.00	100	Vertical	Pass
5	12473.690	55.68	74.0	18.32	Peak	294.00	100	Vertical	Pass
5**	12473.690	47.02	54.0	6.98	AV	294.00	100	Vertical	Pass
6	15931.522	51.77	74.0	22.23	Peak	147.00	300	Vertical	Pass
6**	15931.522	45.93	54.0	8.07	AV	147.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.765	38.95	74.0	35.05	Peak	161.00	200	Horizontal	Pass
1**	1624.765	29.04	54.0	24.96	AV	161.00	200	Horizontal	Pass
2	2328.201	44.06	74.0	29.94	Peak	321.00	300	Horizontal	Pass
2**	2328.201	37.39	54.0	16.61	AV	321.00	300	Horizontal	Pass
3	4149.797	46.19	74.0	27.81	Peak	142.00	200	Horizontal	Pass
3**	4149.797	36.11	54.0	17.89	AV	142.00	200	Horizontal	Pass
4	7605.844	51.30	74.0	22.70	Peak	280.00	100	Horizontal	Pass
4**	7605.844	41.66	54.0	12.34	AV	280.00	100	Horizontal	Pass
5	12464.240	54.44	74.0	19.56	Peak	78.00	100	Horizontal	Pass
5**	12464.240	43.51	54.0	10.49	AV	78.00	100	Horizontal	Pass
6	15868.253	55.20	74.0	18.80	Peak	309.00	300	Horizontal	Pass
6**	15868.253	46.60	54.0	7.40	AV	309.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.552	38.97	74.0	35.03	Peak	281.00	100	Vertical	Pass
1**	1608.552	27.72	54.0	26.28	AV	281.00	100	Vertical	Pass
2	2309.540	45.62	74.0	28.38	Peak	230.00	100	Vertical	Pass
2**	2309.540	38.59	54.0	15.41	AV	230.00	100	Vertical	Pass
3	4309.878	48.56	74.0	25.44	Peak	10.00	200	Vertical	Pass
3**	4309.878	37.20	54.0	16.80	AV	10.00	200	Vertical	Pass
4	7707.398	50.60	74.0	23.40	Peak	285.00	200	Vertical	Pass
4**	7707.398	45.64	54.0	8.36	AV	285.00	200	Vertical	Pass
5	12473.602	52.44	74.0	21.56	Peak	347.00	100	Vertical	Pass
5**	12473.602	46.94	54.0	7.06	AV	347.00	100	Vertical	Pass
6	15931.549	52.74	74.0	21.26	Peak	101.00	100	Vertical	Pass
6**	15931.549	43.29	54.0	10.71	AV	101.00	100	Vertical	Pass