

RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
PuduBot

ISSUED TO
SHENZHEN PUDU TECHNOLOGY CO., LTD.

Room 501, Building A, Block 1, Phase 1, Shenzhen International Inno Valley, Dashi 1st Road, Nanshan District, Shenzhen, China



Tested by:

Ye Hongji

Date

Sep. 13, 2021

Approved by:

Liao Jianming

(Technical Director)

Date

Sep. 13, 2021

Report No.: BL-SZ2140589-604

EUT Name: PuduBot

Model Name: PD1(refer section 2.4)

Brand Name: PUDU

Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)

FCC ID: 2AV7T-PDI

Test Conclusion: Pass

Test Date: May 01, 2021 ~ Aug. 30, 2021

Date of Issue: Sep. 13, 2021

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Sep. 13, 2021</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

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

1.3 Laboratory Condition

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

1.4 Announce

- (1) The test report reference to the report template version v4.4.
- (2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
- (3) The test report is invalid if there is any evidence and/or falsification.
- (4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
- (5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.
- (6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
- (7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	SHENZHEN PUDU TECHNOLOGY CO., LTD.
Address	Room 501, Building A, Block 1, Phase 1, Shenzhen International Inno Valley, Dashi 1st Road, Nanshan District, Shenzhen, China

2.2 Manufacturer

Manufacturer	SHENZHEN PUDU TECHNOLOGY CO., LTD.
Address	Room 501, Building A, Block 1, Phase 1, Shenzhen International Inno Valley, Dashi 1st Road, Nanshan District, Shenzhen, China

2.3 Factory

Factory	Guangdong Mingji Hi-Tech Electronics Co., Ltd
Address	Room 101, No.88, Pingshan Industrial Road, Tangxia Town, Dongguan, Guangdong, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	PuduBot
Model Name Under Test	PD1
Series Model Name	PD2, PD6, PD8, PD9
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in tray structure.
Hardware Version	20.8.4
Software Version	4.12.0.38
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

	RGBD	Radar	Motor	Battery
Configurations	ASV0240U2HA, Nuwa-XB40	LDS-50C, A2M7, S1, EAI-G7 plus	ZHONGLING, YATENG, MagX 5.5	7S5P, 7S6P

Note: Only the data of the worst configuration RGBD: ASV0240U2HA + Radar: LDS-50C + Motor: YATENG + Battery: 7S5P shown in the report.

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☒ Mobile ☐ Portable ☐ Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Mobile for FCC standard	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 17.70 dBm U-NII-2A: 16.80 dBm U-NII-2C: 17.93 dBm U-NII-3: 18.62 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD)	
Categorization as Correlated or Completely Uncorrelated	Correlated	
Antenna Type	Main Antenna Aux. Antenna	Copper tube Antenna
Antenna Gain	Main Antenna Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 3.11 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.11 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.11 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.55 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Total directional gain	For power spectral density(PSD) measurements	U-NII-1: 5150 MHz to 5250 MHz: 3.11 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.11 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.11 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.55 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log(NANT/NSS)$ dB. NSS =2, GANT set equal to the gain of the antenna having the highest gain.

	For power measurements	U-NII-1: 5150 MHz to 5250 MHz: 3.11 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3.11 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3.11 dBi U-NII-3: 5725 MHz to 5850 MHz: 3.55 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.
About the Product		The equipment is PuduBot, intended for used with information technology equipment.

Mode	Antenna		
	Main Antenna	Aux. Antenna	MIMO
802.11a	√	√	-
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√

Note: All the configurations were tested, but only the worst case was reported in this report.

2.6 Additional Instructions

EUT Software Settings:

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

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

U-NII-1 (5150 - 5250 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH36	5180	70	69	--	--
11a	CH44	5220	70	70	--	--
11a	CH48	5240	70	70	--	--
11n (HT20)	CH36	5180	70	70	60	60
11n (HT20)	CH44	5220	70	70	60	60
11n (HT20)	CH48	5240	70	70	60	60
11n (HT40)	CH38	5190	57	64	43	43
11n (HT40)	CH46	5230	70	70	60	60
11ac (VHT20)	CH36	5180	69	70	60	60
11ac (VHT20)	CH44	5220	70	70	60	60
11ac (VHT20)	CH48	5240	70	70	60	60
11ac (VHT40)	CH38	5190	57	63	43	43
11ac (VHT40)	CH46	5230	70	70	60	60
11ac (VHT80)	CH42	5210	59	68	44	44

U-NII-2A (5250 - 5350 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH52	5260	70	70	--	--
11a	CH60	5300	70	70	--	--
11a	CH64	5320	70	69	--	--
11n (HT20)	CH52	5260	70	70	60	60
11n (HT20)	CH60	5300	70	70	60	60
11n (HT20)	CH64	5320	69	67	60	60
11n (HT40)	CH54	5270	70	70	60	60
11n (HT40)	CH62	5310	58	61	44	44
11ac (VHT20)	CH52	5260	70	70	60	60
11ac (VHT20)	CH60	5300	70	70	60	60
11ac (VHT20)	CH64	5320	70	68	60	60
11ac (VHT40)	CH54	5270	70	70	60	60
11ac (VHT40)	CH62	5310	56	61	52	52
11ac (VHT80)	CH58	5290	62	63	54	54

U-NII-2C (5470 - 5725 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH100	5500	70	65	--	--
11a	CH116	5580	70	70	--	--
11a	CH140	5700	70	65	--	--
11n (HT20)	CH100	5500	70	65	60	60
11n (HT20)	CH116	5580	70	70	60	60
11n (HT20)	CH140	5700	70	66	60	60
11n (HT40)	CH102	5510	64	51	51	51
11n (HT40)	CH118	559	70	70	60	60
11n (HT40)	CH134	5670	70	70	60	60
11ac (VHT20)	CH100	5500	70	66	60	60
11ac (VHT20)	CH116	5580	70	70	60	60
11ac (VHT20)	CH140	5700	70	66	60	60
11ac (VHT40)	CH102	5510	65	52	49	49
11ac (VHT40)	CH118	5590	70	70	60	60
11ac (VHT40)	CH134	5670	70	70	60	60
11ac (VHT80)	CH106	5530	69	54	59	59
11ac (VHT80)	CH122	5610	70	70	60	60

U-NII-3 (5725 - 5850 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			Main Antenna	Aux. Antenna	MIMO-Main Antenna	MIMO-Aux. Antenna
11a	CH149	5745	70	70	--	--
11a	CH157	5785	70	70	--	--
11a	CH165	5825	70	70	--	--
11n (HT20)	CH149	5745	70	70	60	60
11n (HT20)	CH157	5785	70	70	60	60
11n (HT20)	CH165	5825	70	70	60	60
11n (HT40)	CH151	5755	70	70	60	60
11n (HT40)	CH159	5795	70	70	60	60
11ac (VHT20)	CH149	5745	70	70	60	60
11ac (VHT20)	CH157	5785	70	70	60	60
11ac (VHT20)	CH165	5825	70	70	60	60
11ac (VHT40)	CH151	5755	70	70	60	60
11ac (VHT40)	CH159	5795	70	70	60	60
11ac (VHT80)	CH155	5775	70	64	60	60

Run Software:



2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	155	5775
52	5260	102	5510		
56	5280	110	5550		
60	5300	134	5670		
64	5320	151	5755		
100	5500	159	5795		
104	5520				
108	5540				
112	5560				
116	5580				
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)

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

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

3.2 Verdict

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

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	0°C
	HT (High Temperature)	+40°C
Working Voltage of the EUT	NV (Normal Voltage)	26 V
	LV (Low Voltage)	23 V
	HV (High Voltage)	29 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2021.04.01	2022.03.31
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2020.06.08	2021.06.07
Bluetooth Signaling Unit	ROHDE&SCHWARZ	CMW500	142028	2021.06.01	2022.05.31
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2020.06.08	2021.06.07
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2021.06.01	2022.05.31
Vector Signal Generator	ROHDE&SCHWARZ	SMBV100A	260592	2021.01.27	2022.01.26
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2020.06.08	2021.06.07
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2021.06.01	2022.05.31
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2021.06.01	2022.05.31
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2021.06.01	2022.05.31
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2021.06.01	2022.05.31
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2021.06.01	2022.05.31
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2022.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2022.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.01.05	2023.01.04
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2019.08.08	2022.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--

4.3 Measurement Uncertainty

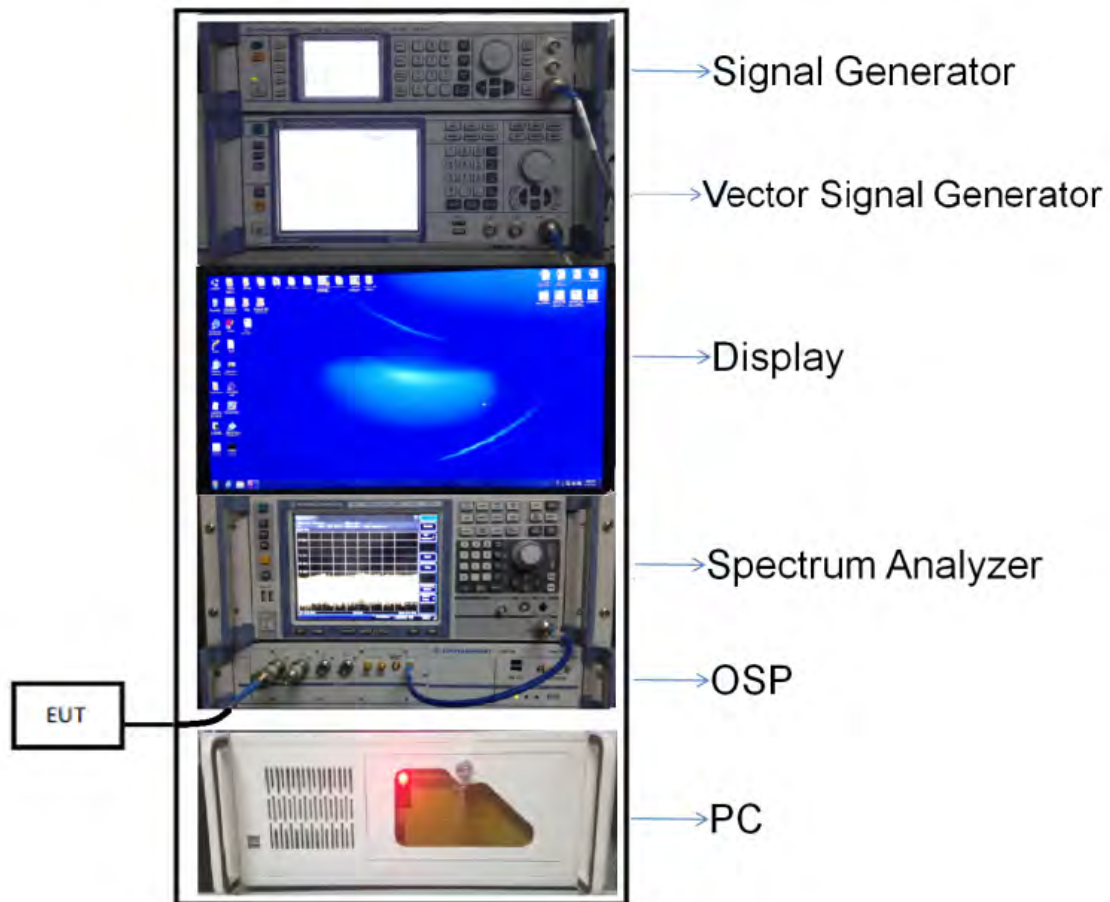
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

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	0.82°C
Humidity	4.1%

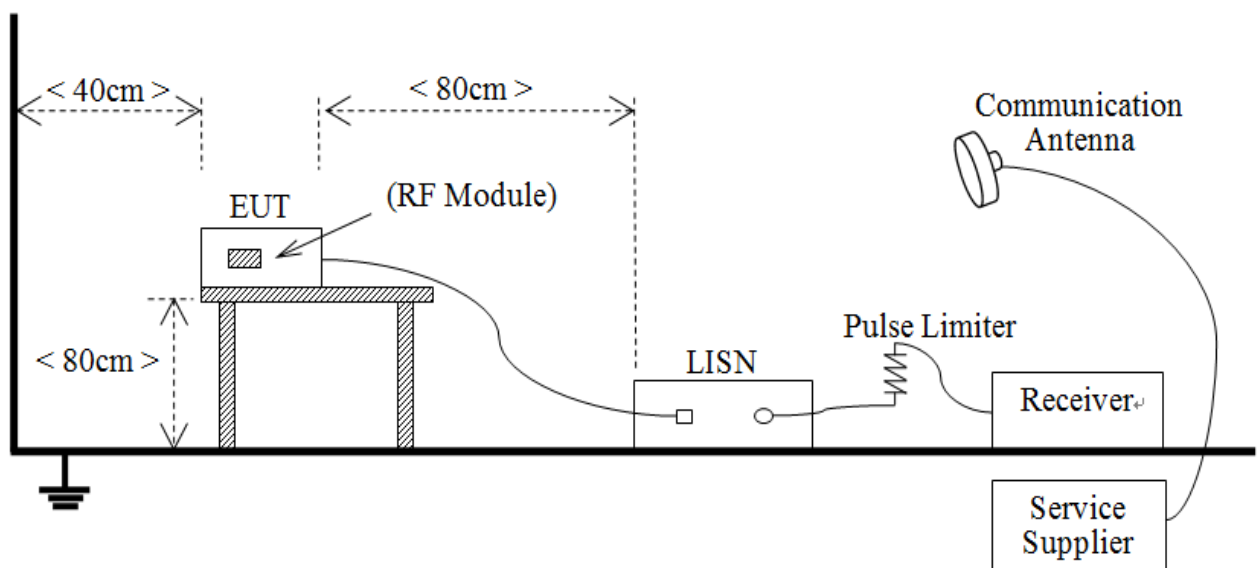
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



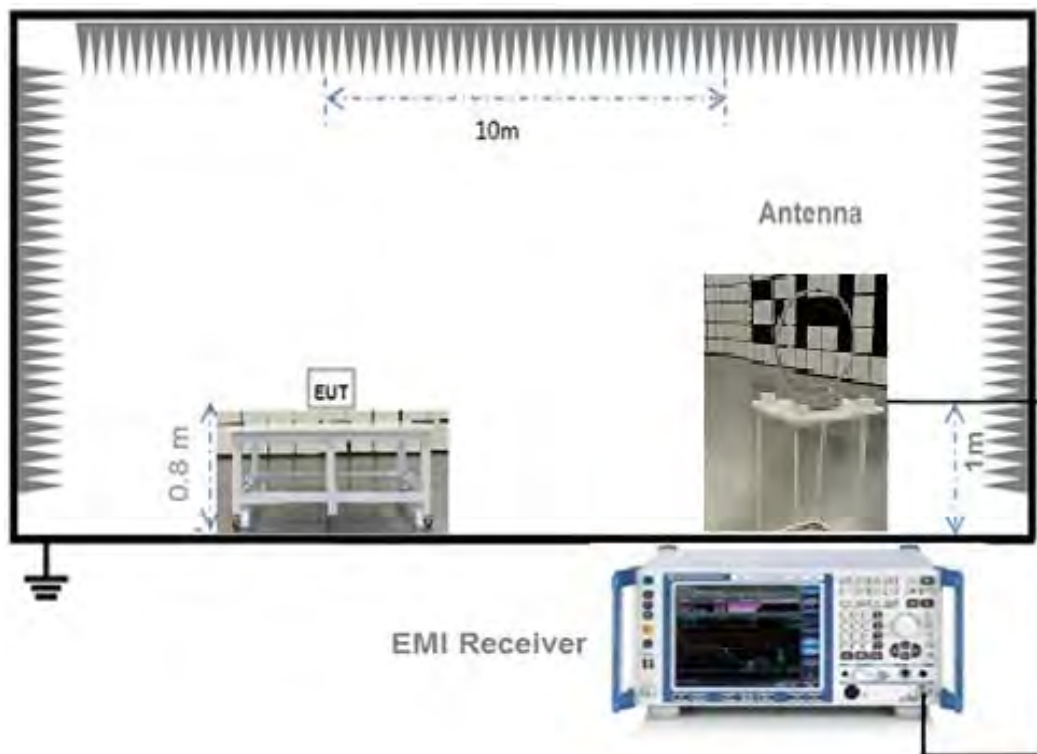
(Diagram 1)

4.4.2 For AC Power Supply Port Test



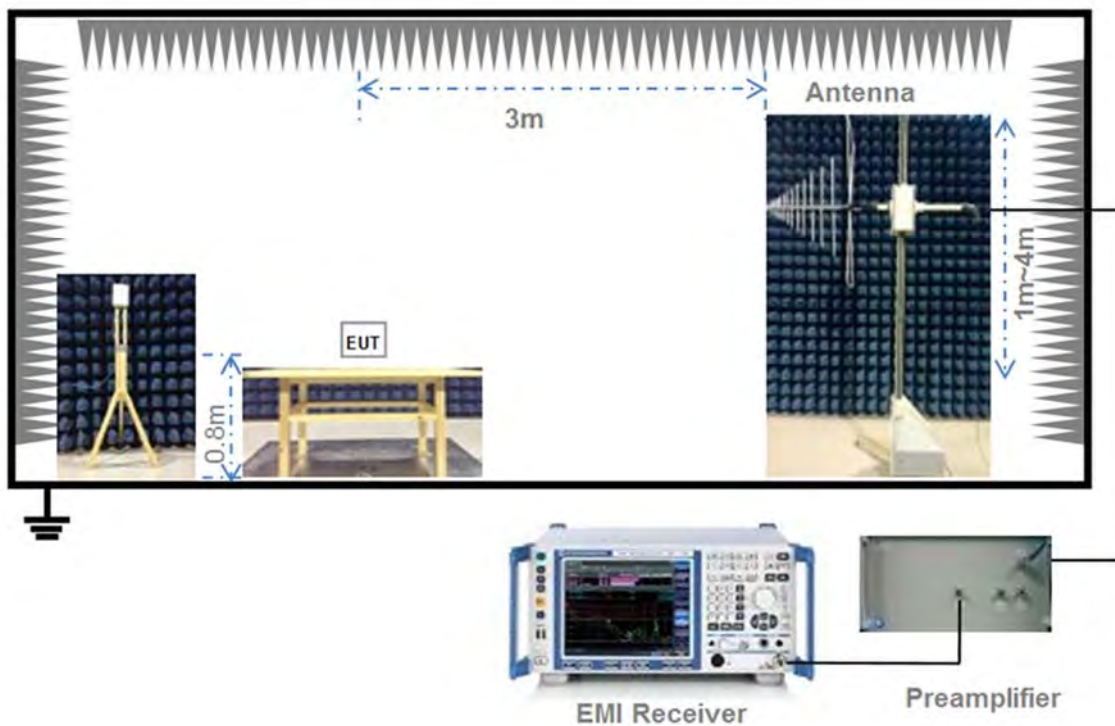
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



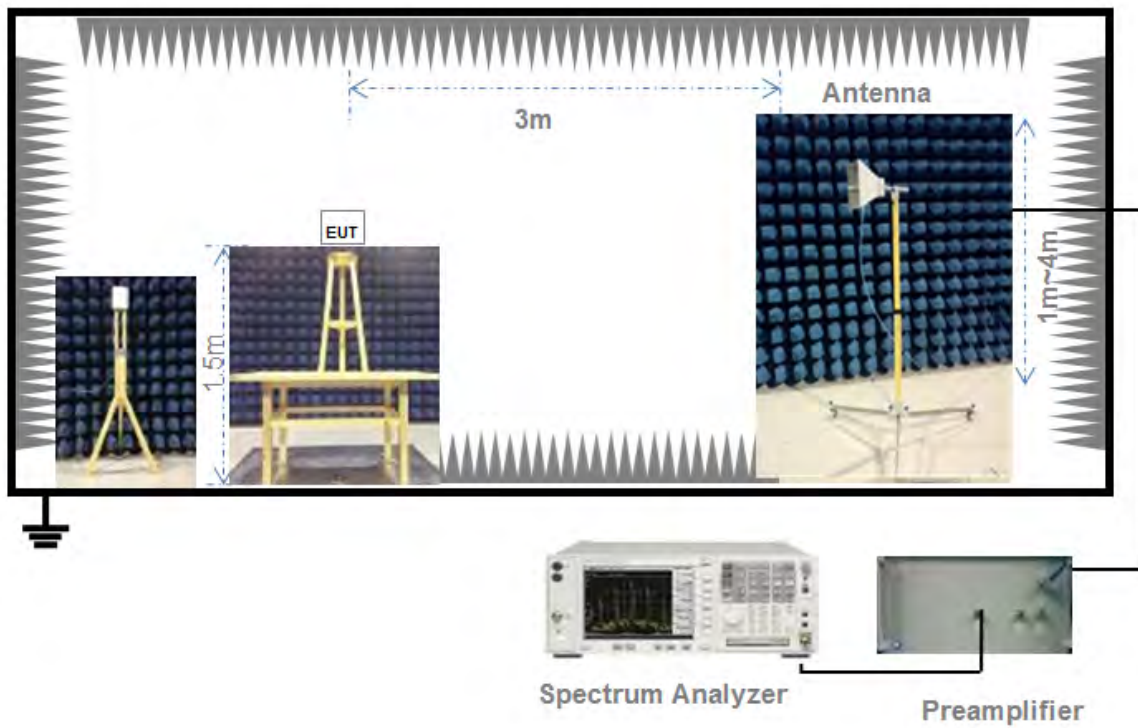
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

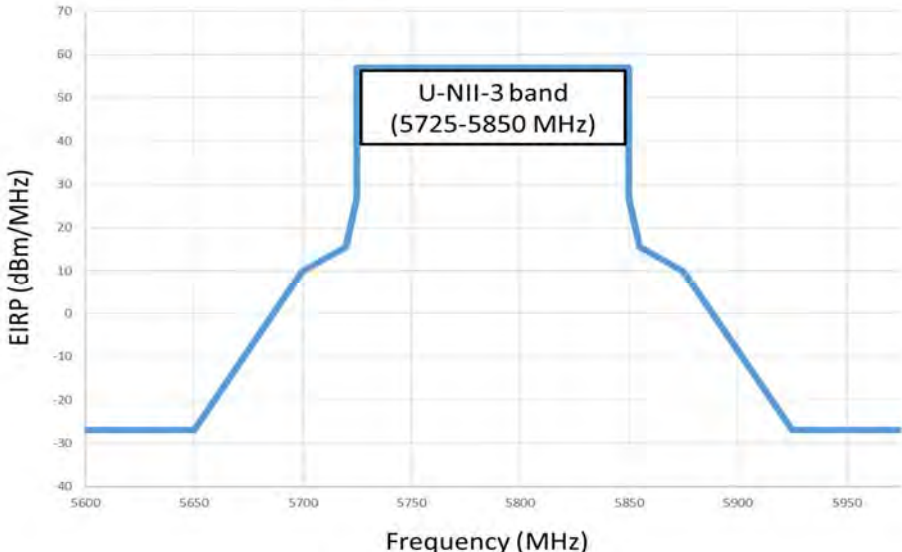
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.33	34.12	250	Pass
11a	CH44	14.97	31.41	250	Pass
11a	CH48	15.21	33.19	250	Pass
11n (HT20)	CH36	15.75	37.58	250	Pass
11n (HT20)	CH44	15.96	39.45	250	Pass
11n (HT20)	CH48	15.96	39.45	250	Pass
11n (HT40)	CH38	13.03	20.09	250	Pass
11n (HT40)	CH46	15.47	35.24	250	Pass
11ac (VHT20)	CH36	14.49	28.12	250	Pass
11ac (VHT20)	CH44	15.91	38.99	250	Pass
11ac (HVT20)	CH48	15.96	39.45	250	Pass
11ac (VHT40)	CH38	14.37	27.35	250	Pass
11ac (VHT40)	CH46	15.55	35.89	250	Pass
11ac (VHT80)	CH42	14.65	29.17	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.11	32.43	250	Pass
11a	CH60	14.91	30.97	250	Pass
11a	CH64	14.79	30.13	250	Pass
11n (HT20)	CH52	15.03	31.84	250	Pass
11n (HT20)	CH60	14.85	30.55	250	Pass
11n (HT20)	CH64	14.40	27.54	250	Pass
11n (HT40)	CH54	15.65	36.73	250	Pass
11n (HT40)	CH62	12.43	17.50	250	Pass
11ac (VHT20)	CH52	15.04	31.92	250	Pass
11ac (VHT20)	CH60	14.83	30.41	250	Pass
11ac (HVT20)	CH64	14.73	29.72	250	Pass
11ac (VHT40)	CH54	15.69	37.07	250	Pass
11ac (VHT40)	CH62	14.48	28.05	250	Pass
11ac (VHT80)	CH58	14.90	30.90	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.87	24.38	250	Pass
11a	CH116	15.00	31.62	250	Pass
11a	CH140	15.00	31.62	250	Pass
11n (HT20)	CH100	13.85	24.27	250	Pass
11n (HT20)	CH116	15.08	32.21	250	Pass
11n (HT20)	CH140	15.58	36.14	250	Pass
11n (HT40)	CH102	10.68	11.69	250	Pass
11n (HT40)	CH118	15.40	34.67	250	Pass
11n (HT40)	CH134	16.49	44.57	250	Pass
11ac (VHT20)	CH100	13.99	25.06	250	Pass
11ac (VHT20)	CH116	15.11	32.43	250	Pass
11ac (VHT20)	CH140	15.69	37.07	250	Pass
11ac (VHT40)	CH102	11.40	13.80	250	Pass
11ac (VHT40)	CH118	16.08	40.55	250	Pass
11ac (VHT40)	CH134	17.03	50.47	250	Pass
11ac (VHT80)	CH106	12.61	18.24	250	Pass
11ac (VHT80)	CH122	15.65	36.73	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	16.61	45.81	1000	Pass
11a	CH157	16.80	47.86	1000	Pass
11a	CH165	16.78	47.64	1000	Pass
11n (HT20)	CH149	16.85	48.42	1000	Pass
11n (HT20)	CH157	16.38	43.45	1000	Pass
11n (HT20)	CH165	16.49	44.57	1000	Pass
11n (HT40)	CH151	17.37	54.58	1000	Pass
11n (HT40)	CH159	17.40	54.95	1000	Pass
11ac (VHT20)	CH149	16.67	46.45	1000	Pass
11ac (VHT20)	CH157	16.31	42.76	1000	Pass
11ac (VHT20)	CH165	16.47	44.36	1000	Pass
11ac (VHT40)	CH151	17.48	55.98	1000	Pass
11ac (VHT40)	CH159	17.53	56.62	1000	Pass
11ac (VHT80)	CH155	16.65	46.24	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.37	43.35	250	Pass
11a	CH44	16.70	46.77	250	Pass
11a	CH48	16.72	46.99	250	Pass
11n (HT20)	CH36	16.65	46.24	250	Pass
11n (HT20)	CH44	16.87	48.64	250	Pass
11n (HT20)	CH48	16.91	49.09	250	Pass
11n (HT40)	CH38	16.12	40.93	250	Pass
11n (HT40)	CH46	17.70	58.88	250	Pass
11ac (VHT20)	CH36	16.57	45.39	250	Pass
11ac (VHT20)	CH44	16.96	49.66	250	Pass
11ac (HVT20)	CH48	16.91	49.09	250	Pass
11ac (VHT40)	CH38	15.72	37.33	250	Pass
11ac (VHT40)	CH46	16.92	49.20	250	Pass
11ac (VHT80)	CH42	16.08	40.55	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.93	39.17	250	Pass
11a	CH60	15.76	37.67	250	Pass
11a	CH64	15.18	32.96	250	Pass
11n (HT20)	CH52	16.02	39.99	250	Pass
11n (HT20)	CH60	15.66	36.81	250	Pass
11n (HT20)	CH64	14.61	28.91	250	Pass
11n (HT40)	CH54	16.80	47.86	250	Pass
11n (HT40)	CH62	13.73	23.60	250	Pass
11ac (VHT20)	CH52	16.03	40.09	250	Pass
11ac (VHT20)	CH60	15.66	36.81	250	Pass
11ac (HVT20)	CH64	15.61	36.39	250	Pass
11ac (VHT40)	CH54	16.67	46.45	250	Pass
11ac (VHT40)	CH62	16.41	43.75	250	Pass
11ac (VHT80)	CH58	16.14	41.11	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.92	24.66	250	Pass
11a	CH116	16.10	40.74	250	Pass
11a	CH140	15.89	38.82	250	Pass
11n (HT20)	CH100	13.84	24.21	250	Pass
11n (HT20)	CH116	15.99	39.72	250	Pass
11n (HT20)	CH140	16.01	39.90	250	Pass
11n (HT40)	CH102	10.71	11.78	250	Pass
11n (HT40)	CH118	17.09	51.17	250	Pass
11n (HT40)	CH134	17.93	62.09	250	Pass
11ac (VHT20)	CH100	14.12	25.82	250	Pass
11ac (VHT20)	CH116	15.99	39.72	250	Pass
11ac (VHT20)	CH140	16.10	40.74	250	Pass
11ac (VHT40)	CH102	11.01	12.62	250	Pass
11ac (VHT40)	CH118	17.12	51.52	250	Pass
11ac (VHT40)	CH134	17.88	61.38	250	Pass
11ac (VHT80)	CH106	11.14	13.00	250	Pass
11ac (VHT80)	CH122	16.60	45.71	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.58	57.28	1000	Pass
11a	CH157	17.63	57.94	1000	Pass
11a	CH165	17.47	55.85	1000	Pass
11n (HT20)	CH149	17.67	58.48	1000	Pass
11n (HT20)	CH157	17.61	57.68	1000	Pass
11n (HT20)	CH165	17.42	55.21	1000	Pass
11n (HT40)	CH151	18.59	72.28	1000	Pass
11n (HT40)	CH159	18.59	72.28	1000	Pass
11ac (VHT20)	CH149	17.54	56.75	1000	Pass
11ac (VHT20)	CH157	17.58	57.28	1000	Pass
11ac (VHT20)	CH165	17.41	55.08	1000	Pass
11ac (VHT40)	CH151	18.62	72.78	1000	Pass
11ac (VHT40)	CH159	18.59	72.28	1000	Pass
11ac (VHT80)	CH155	17.98	62.81	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	12.43	17.50	250	Pass
11n (HT20)	CH44	12.59	18.16	250	Pass
11n (HT20)	CH48	12.51	17.82	250	Pass
11n (HT40)	CH38	8.71	7.43	250	Pass
11n (HT40)	CH46	13.15	20.65	250	Pass
11ac (VHT20)	CH36	12.28	16.90	250	Pass
11ac (VHT20)	CH44	12.52	17.86	250	Pass
11ac (HVT20)	CH48	12.63	18.32	250	Pass
11ac (VHT40)	CH38	8.68	7.38	250	Pass
11ac (VHT40)	CH46	13.32	21.48	250	Pass
11ac (VHT80)	CH42	8.56	7.18	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH52	12.33	17.10	250	Pass
11n (HT20)	CH60	12.24	16.75	250	Pass
11n (HT20)	CH64	12.10	16.22	250	Pass
11n (HT40)	CH54	13.27	21.23	250	Pass
11n (HT40)	CH62	8.68	7.38	250	Pass
11ac (VHT20)	CH52	12.54	17.95	250	Pass
11ac (VHT20)	CH60	12.39	17.34	250	Pass
11ac (HVT20)	CH64	12.08	16.14	250	Pass
11ac (VHT40)	CH54	13.23	21.04	250	Pass
11ac (VHT40)	CH62	10.63	11.56	250	Pass
11ac (VHT80)	CH58	10.89	12.27	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH100	11.17	13.09	250	Pass
11n (HT20)	CH116	11.65	14.62	250	Pass
11n (HT20)	CH140	12.99	19.91	250	Pass
11n (HT40)	CH102	9.33	8.57	250	Pass
11n (HT40)	CH118	12.90	19.50	250	Pass
11n (HT40)	CH134	13.24	21.09	250	Pass
11ac (VHT20)	CH100	11.21	13.21	250	Pass
11ac (VHT20)	CH116	11.69	14.76	250	Pass
11ac (VHT20)	CH140	12.80	19.05	250	Pass
11ac (VHT40)	CH102	8.79	7.57	250	Pass
11ac (VHT40)	CH118	12.37	17.26	250	Pass
11ac (VHT40)	CH134	13.48	22.28	250	Pass
11ac (VHT80)	CH106	10.88	12.25	250	Pass
11ac (VHT80)	CH122	11.95	15.67	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	13.58	22.80	1000	Pass
11n (HT20)	CH157	13.47	22.23	1000	Pass
11n (HT20)	CH165	13.47	22.23	1000	Pass
11n (HT40)	CH151	14.48	28.05	1000	Pass
11n (HT40)	CH159	14.61	28.91	1000	Pass
11ac (VHT20)	CH149	14.24	26.55	1000	Pass
11ac (VHT20)	CH157	13.36	21.68	1000	Pass
11ac (VHT20)	CH165	13.47	22.23	1000	Pass
11ac (VHT40)	CH151	14.46	27.93	1000	Pass
11ac (VHT40)	CH159	14.26	26.67	1000	Pass
11ac (VHT80)	CH155	13.65	23.17	1000	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	14.02	25.23	250	Pass
11n (HT20)	CH44	13.61	22.96	250	Pass
11n (HT20)	CH48	13.49	22.34	250	Pass
11n (HT40)	CH38	10.00	10.00	250	Pass
11n (HT40)	CH46	14.33	27.10	250	Pass
11ac (VHT20)	CH36	14.07	25.53	250	Pass
11ac (VHT20)	CH44	13.68	23.33	250	Pass
11ac (HVT20)	CH48	13.47	22.23	250	Pass
11ac (VHT40)	CH38	10.00	10.00	250	Pass
11ac (VHT40)	CH46	14.26	26.67	250	Pass
11ac (VHT80)	CH42	9.60	9.12	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH52	13.29	21.33	250	Pass
11n (HT20)	CH60	12.96	19.77	250	Pass
11n (HT20)	CH64	12.60	18.20	250	Pass
11n (HT40)	CH54	13.71	23.50	250	Pass
11n (HT40)	CH62	9.37	8.65	250	Pass
11ac (VHT20)	CH52	13.03	20.09	250	Pass
11ac (VHT20)	CH60	12.76	18.88	250	Pass
11ac (HVT20)	CH64	12.58	18.11	250	Pass
11ac (VHT40)	CH54	13.64	23.12	250	Pass
11ac (VHT40)	CH62	11.34	13.61	250	Pass
11ac (VHT80)	CH58	11.39	13.77	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH100	12.17	16.48	250	Pass
11n (HT20)	CH116	13.02	20.04	250	Pass
11n (HT20)	CH140	14.12	25.82	250	Pass
11n (HT40)	CH102	10.43	11.04	250	Pass
11n (HT40)	CH118	13.66	23.23	250	Pass
11n (HT40)	CH134	14.38	27.42	250	Pass
11ac (VHT20)	CH100	12.27	16.87	250	Pass
11ac (VHT20)	CH116	12.81	19.10	250	Pass
11ac (VHT20)	CH140	14.02	25.23	250	Pass
11ac (VHT40)	CH102	10.14	10.33	250	Pass
11ac (VHT40)	CH118	13.60	22.91	250	Pass
11ac (VHT40)	CH134	14.62	28.97	250	Pass
11ac (VHT80)	CH106	12.19	16.56	250	Pass
11ac (VHT80)	CH122	13.09	20.37	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	11n (HT20)	14.69	29.44	1000	Pass
11n (HT20)	11n (HT20)	14.68	29.38	1000	Pass
11n (HT20)	11n (HT20)	14.56	28.58	1000	Pass
11n (HT40)	11n (HT40)	15.57	36.06	1000	Pass
11n (HT40)	11n (HT40)	15.39	34.59	1000	Pass
11ac (VHT20)	11ac (VHT20)	14.79	30.13	1000	Pass
11ac (VHT20)	11ac (VHT20)	14.78	30.06	1000	Pass
11ac (VHT20)	11ac (VHT20)	14.55	28.51	1000	Pass
11ac (VHT40)	11ac (VHT40)	15.47	35.24	1000	Pass
11ac (VHT40)	11ac (VHT40)	15.35	34.28	1000	Pass
11ac (VHT80)	11ac (VHT80)	14.88	30.76	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	16.31	42.73	250	Pass
11n (HT20)	CH44	16.14	41.12	250	Pass
11n (HT20)	CH48	16.04	40.16	250	Pass
11n (HT40)	CH38	12.41	17.43	250	Pass
11n (HT40)	CH46	16.79	47.76	250	Pass
11ac (VHT20)	CH36	16.28	42.43	250	Pass
11ac (VHT20)	CH44	16.15	41.20	250	Pass
11ac (HVT20)	CH48	16.08	40.56	250	Pass
11ac (VHT40)	CH38	12.40	17.38	250	Pass
11ac (VHT40)	CH46	16.83	48.15	250	Pass
11ac (VHT80)	CH42	12.12	16.30	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH52	15.85	38.43	250	Pass
11n (HT20)	CH60	15.63	36.52	250	Pass
11n (HT20)	CH64	15.37	34.42	250	Pass
11n (HT40)	CH54	16.51	44.73	250	Pass
11n (HT40)	CH62	12.05	16.03	250	Pass
11ac (VHT20)	CH52	15.80	38.04	250	Pass
11ac (VHT20)	CH60	15.59	36.22	250	Pass
11ac (HVT20)	CH64	15.35	34.26	250	Pass
11ac (VHT40)	CH54	16.45	44.16	250	Pass
11ac (VHT40)	CH62	14.01	25.18	250	Pass
11ac (VHT80)	CH58	14.16	26.05	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH100	14.71	29.57	250	Pass
11n (HT20)	CH116	15.40	34.67	250	Pass
11n (HT20)	CH140	16.60	45.73	250	Pass
11n (HT40)	CH102	12.93	19.61	250	Pass
11n (HT40)	CH118	16.31	42.73	250	Pass
11n (HT40)	CH134	16.86	48.50	250	Pass
11ac (VHT20)	CH100	14.78	30.08	250	Pass
11ac (VHT20)	CH116	15.30	33.86	250	Pass
11ac (VHT20)	CH140	16.46	44.29	250	Pass
11ac (VHT40)	CH102	12.53	17.90	250	Pass
11ac (VHT40)	CH118	16.04	40.17	250	Pass
11ac (VHT40)	CH134	17.10	51.26	250	Pass
11ac (VHT80)	CH106	14.59	28.80	250	Pass
11ac (VHT80)	CH122	15.57	36.04	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH149	17.18	52.25	1000	Pass
11n (HT20)	CH157	17.13	51.61	1000	Pass
11n (HT20)	CH165	17.06	50.81	1000	Pass
11n (HT40)	CH151	18.07	64.11	1000	Pass
11n (HT40)	CH159	18.03	63.50	1000	Pass
11ac (VHT20)	CH149	17.53	56.68	1000	Pass
11ac (VHT20)	CH157	17.14	51.74	1000	Pass
11ac (VHT20)	CH165	17.05	50.74	1000	Pass
11ac (VHT40)	CH151	18.00	63.16	1000	Pass
11ac (VHT40)	CH159	17.85	60.95	1000	Pass
11ac (VHT80)	CH155	17.32	53.93	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2140589-604 Data Part 1.pdf”.

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.80	16.96
11a	CH44	21.80	17.02
11a	CH48	21.64	16.96
11n (HT20)	CH36	21.80	18.12
11n (HT20)	CH44	21.92	18.18
11n (HT20)	CH48	21.80	18.12
11n (HT40)	CH38	40.60	36.47
11n (HT40)	CH46	56.70	37.16
11ac (VHT20)	CH36	21.92	18.12
11ac (VHT20)	CH44	21.96	18.12
11ac (VHT20)	CH48	21.92	18.06
11ac (VHT40)	CH38	40.60	36.47
11ac (VHT40)	CH46	57.80	37.28
11ac (VHT80)	CH42	83.20	76.41

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.48	16.90
11a	CH60	21.60	16.96
11a	CH64	21.52	16.90
11n (HT20)	CH52	21.84	18.06
11n (HT20)	CH60	21.92	18.12
11n (HT20)	CH64	22.00	18.00
11n (HT40)	CH54	41.30	36.82
11n (HT40)	CH62	40.70	36.58
11ac (VHT20)	CH52	21.92	18.00
11ac (VHT20)	CH60	21.96	18.00
11ac (VHT20)	CH64	21.92	18.12
11ac (VHT40)	CH54	47.80	36.82
11ac (VHT40)	CH62	40.70	36.70
11ac (VHT80)	CH58	83.00	76.41

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.72	16.96
11a	CH116	21.56	16.90
11a	CH140	21.64	16.90
11n (HT20)	CH100	21.96	18.12
11n (HT20)	CH116	21.92	18.06
11n (HT20)	CH140	21.76	18.06
11n (HT40)	CH118	40.70	36.58
11n (HT40)	CH134	49.70	36.93
11n (HT40)	CH142	41.80	36.93
11ac (VHT20)	CH100	22.04	18.06
11ac (VHT20)	CH116	22.00	18.12
11ac (VHT20)	CH140	21.88	18.06
11ac (VHT40)	CH102	40.80	36.70
11ac (VHT40)	CH118	55.10	37.05
11ac (VHT40)	CH134	66.00	37.16
11ac (VHT80)	CH106	83.40	76.18
11ac (VHT80)	CH122	83.20	76.41

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.88	17.19
11a	CH157	21.88	17.19
11a	CH165	21.84	17.25
11n (HT20)	CH149	22.12	18.29
11n (HT20)	CH157	22.08	18.23
11n (HT20)	CH165	22.12	18.23
11n (HT40)	CH151	84.37	38.90
11n (HT40)	CH159	85.75	39.02
11ac (VHT20)	CH149	27.42	18.52
11ac (VHT20)	CH157	22.80	18.41
11ac (VHT20)	CH165	26.76	18.47
11ac (VHT40)	CH151	86.12	40.64
11ac (VHT40)	CH159	89.00	41.68
11ac (VHT80)	CH155	123.75	76.87

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.72	17.02
11a	CH44	21.76	17.13
11a	CH48	21.64	17.08
11n (HT20)	CH36	22.04	18.23
11n (HT20)	CH44	22.12	18.23
11n (HT20)	CH48	21.84	18.18
11n (HT40)	CH38	41.00	36.82
11n (HT40)	CH46	65.00	37.97
11ac (VHT20)	CH36	22.32	18.23
11ac (VHT20)	CH44	22.04	18.12
11ac (VHT20)	CH48	21.96	18.18
11ac (VHT40)	CH38	40.70	36.70
11ac (VHT40)	CH46	79.37	37.97
11ac (VHT80)	CH42	108.00	76.64

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.52	16.96
11a	CH60	21.64	17.08
11a	CH64	21.56	17.02
11n (HT20)	CH52	21.96	18.06
11n (HT20)	CH60	21.92	18.12
11n (HT20)	CH64	21.92	18.06
11n (HT40)	CH54	67.40	37.28
11n (HT40)	CH62	40.60	36.70
11ac (VHT20)	CH52	21.96	18.06
11ac (VHT20)	CH60	22.00	18.12
11ac (VHT20)	CH64	21.92	18.06
11ac (VHT40)	CH54	70.20	37.28
11ac (VHT40)	CH62	40.70	36.70
11ac (VHT80)	CH58	83.20	76.18

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.52	16.90
11a	CH116	21.76	17.13
11a	CH140	21.48	16.90
11n (HT20)	CH100	21.88	18.06
11n (HT20)	CH116	22.04	18.18
11n (HT20)	CH140	21.80	18.06
11n (HT40)	CH102	40.70	36.70
11n (HT40)	CH118	85.12	38.67
11n (HT40)	CH134	88.50	46.66
11ac (VHT20)	CH100	21.80	18.00
11ac (VHT20)	CH116	21.92	18.12
11ac (VHT20)	CH140	22.20	18.29
11ac (VHT40)	CH102	40.70	36.70
11ac (VHT40)	CH118	87.75	40.64
11ac (VHT40)	CH134	91.00	45.62
11ac (VHT80)	CH106	82.80	76.41
11ac (VHT80)	CH122	127.40	76.87

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.04	18.18
11a	CH157	21.96	17.54
11a	CH165	28.80	18.18
11n (HT20)	CH149	30.68	18.87
11n (HT20)	CH157	22.76	18.58
11n (HT20)	CH165	33.80	19.10
11n (HT40)	CH151	93.50	51.52
11n (HT40)	CH159	96.87	53.49
11ac (VHT20)	CH149	29.60	18.58
11ac (VHT20)	CH157	22.56	18.41
11ac (VHT20)	CH165	36.80	19.10
11ac (VHT40)	CH151	94.37	51.52
11ac (VHT40)	CH159	97.00	52.68
11ac (VHT80)	CH155	82.60	76.41

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2140589-604 Data Part 2.pdf”.

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.42	500.00	Pass
11a	CH157	16.42	500.00	Pass
11a	CH165	16.42	500.00	Pass
11n (HT20)	CH149	17.72	500.00	Pass
11n (HT20)	CH157	17.72	500.00	Pass
11n (HT20)	CH165	17.72	500.00	Pass
11n (HT40)	CH151	36.42	500.00	Pass
11n (HT40)	CH159	36.42	500.00	Pass
11ac (VHT20)	CH149	17.72	500.00	Pass
11ac (VHT20)	CH157	17.67	500.00	Pass
11ac (VHT20)	CH165	17.67	500.00	Pass
11ac (VHT40)	CH151	36.42	500.00	Pass
11ac (VHT40)	CH159	36.42	500.00	Pass
11ac (VHT80)	CH155	75.22	500.00	Pass

Aux. Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.42	500.00	Pass
11a	CH157	16.42	500.00	Pass
11a	CH165	16.42	500.00	Pass
11n (HT20)	CH149	17.72	500.00	Pass
11n (HT20)	CH157	17.67	500.00	Pass
11n (HT20)	CH165	17.67	500.00	Pass
11n (HT40)	CH151	36.42	500.00	Pass
11n (HT40)	CH159	36.42	500.00	Pass
11ac (VHT20)	CH149	17.72	500.00	Pass
11ac (VHT20)	CH157	17.67	500.00	Pass
11ac (VHT20)	CH165	17.72	500.00	Pass
11ac (VHT40)	CH151	36.42	500.00	Pass
11ac (VHT40)	CH159	36.42	500.00	Pass
11ac (VHT80)	CH155	75.42	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document “Annex No.: BL-SZ2140589-604 Data Part 3.pdf”.

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

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.84	11.00	Pass
11a	CH44	3.04	11.00	Pass
11a	CH48	3.11	11.00	Pass
11n (HT20)	CH36	4.56	11.00	Pass
11n (HT20)	CH44	2.62	11.00	Pass
11n (HT20)	CH48	2.61	11.00	Pass
11n (HT40)	CH38	-1.72	11.00	Pass
11n (HT40)	CH46	-0.36	11.00	Pass
11ac (VHT20)	CH36	4.41	11.00	Pass
11ac (VHT20)	CH44	2.64	11.00	Pass
11ac (VHT20)	CH48	2.75	11.00	Pass
11ac (VHT40)	CH38	-1.71	11.00	Pass
11ac (VHT40)	CH46	0.00	11.00	Pass
11ac (VHT80)	CH42	-5.81	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.57	11.00	Pass
11a	CH60	2.28	11.00	Pass
11a	CH64	2.00	11.00	Pass
11n (HT20)	CH52	3.15	11.00	Pass
11n (HT20)	CH60	2.10	11.00	Pass
11n (HT20)	CH64	0.04	11.00	Pass
11n (HT40)	CH54	0.30	11.00	Pass
11n (HT40)	CH62	-4.09	11.00	Pass
11ac (VHT20)	CH52	3.25	11.00	Pass
11ac (VHT20)	CH60	1.82	11.00	Pass
11ac (VHT20)	CH64	1.72	11.00	Pass
11ac (VHT40)	CH54	0.76	11.00	Pass
11ac (VHT40)	CH62	-4.74	11.00	Pass
11ac (VHT80)	CH58	-6.93	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.56	11.00	Pass
11a	CH116	3.74	11.00	Pass
11a	CH140	3.92	11.00	Pass
11n (HT20)	CH100	2.22	11.00	Pass
11n (HT20)	CH116	3.19	11.00	Pass
11n (HT20)	CH140	3.52	11.00	Pass
11n (HT40)	CH102	-1.83	11.00	Pass
11n (HT40)	CH118	0.69	11.00	Pass
11n (HT40)	CH134	1.80	11.00	Pass
11ac (VHT20)	CH100	1.98	11.00	Pass
11ac (VHT20)	CH116	3.11	11.00	Pass
11ac (VHT20)	CH140	3.30	11.00	Pass
11ac (VHT40)	CH102	-1.62	11.00	Pass
11ac (VHT40)	CH118	0.46	11.00	Pass
11ac (VHT40)	CH134	1.03	11.00	Pass
11ac (VHT80)	CH106	-4.49	11.00	Pass
11ac (VHT80)	CH122	-2.97	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	2.65	30.00	Pass
11a	CH157	1.72	30.00	Pass
11a	CH165	2.69	30.00	Pass
11n (HT20)	CH149	2.43	30.00	Pass
11n (HT20)	CH157	1.30	30.00	Pass
11n (HT20)	CH165	2.24	30.00	Pass
11n (HT40)	CH151	0.17	30.00	Pass
11n (HT40)	CH159	-0.62	30.00	Pass
11ac (VHT20)	CH149	2.31	30.00	Pass
11ac (VHT20)	CH157	1.14	30.00	Pass
11ac (VHT20)	CH165	2.13	30.00	Pass
11ac (VHT40)	CH151	0.44	30.00	Pass
11ac (VHT40)	CH159	-0.83	30.00	Pass
11ac (VHT80)	CH155	-4.42	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.82	11.00	Pass
11a	CH44	4.31	11.00	Pass
11a	CH48	4.30	11.00	Pass
11n (HT20)	CH36	5.64	11.00	Pass
11n (HT20)	CH44	3.99	11.00	Pass
11n (HT20)	CH48	4.08	11.00	Pass
11n (HT40)	CH38	0.93	11.00	Pass
11n (HT40)	CH46	0.74	11.00	Pass
11ac (VHT20)	CH36	5.44	11.00	Pass
11ac (VHT20)	CH44	3.31	11.00	Pass
11ac (VHT20)	CH48	3.52	11.00	Pass
11ac (VHT40)	CH38	0.62	11.00	Pass
11ac (VHT40)	CH46	0.91	11.00	Pass
11ac (VHT80)	CH42	-3.06	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.34	11.00	Pass
11a	CH60	3.26	11.00	Pass
11a	CH64	2.47	11.00	Pass
11n (HT20)	CH52	3.89	11.00	Pass
11n (HT20)	CH60	2.86	11.00	Pass
11n (HT20)	CH64	1.51	11.00	Pass
11n (HT40)	CH54	1.26	11.00	Pass
11n (HT40)	CH62	-2.45	11.00	Pass
11ac (VHT20)	CH52	4.05	11.00	Pass
11ac (VHT20)	CH60	2.91	11.00	Pass
11ac (VHT20)	CH64	1.68	11.00	Pass
11ac (VHT40)	CH54	1.26	11.00	Pass
11ac (VHT40)	CH62	-2.75	11.00	Pass
11ac (VHT80)	CH58	-5.32	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.34	11.00	Pass
11a	CH116	5.06	11.00	Pass
11a	CH140	3.73	11.00	Pass
11n (HT20)	CH100	2.11	11.00	Pass
11n (HT20)	CH116	4.68	11.00	Pass
11n (HT20)	CH140	3.40	11.00	Pass
11n (HT40)	CH102	-4.92	11.00	Pass
11n (HT40)	CH118	2.03	11.00	Pass
11n (HT40)	CH134	2.58	11.00	Pass
11ac (VHT20)	CH100	2.01	11.00	Pass
11ac (VHT20)	CH116	4.19	11.00	Pass
11ac (VHT20)	CH140	4.96	11.00	Pass
11ac (VHT40)	CH102	-4.88	11.00	Pass
11ac (VHT40)	CH118	2.28	11.00	Pass
11ac (VHT40)	CH134	2.50	11.00	Pass
11ac (VHT80)	CH106	-8.03	11.00	Pass
11ac (VHT80)	CH122	-1.53	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.23	30.00	Pass
11a	CH157	2.49	30.00	Pass
11a	CH165	3.45	30.00	Pass
11n (HT20)	CH149	2.89	30.00	Pass
11n (HT20)	CH157	2.41	30.00	Pass
11n (HT20)	CH165	3.10	30.00	Pass
11n (HT40)	CH151	0.14	30.00	Pass
11n (HT40)	CH159	0.07	30.00	Pass
11ac (VHT20)	CH149	2.75	30.00	Pass
11ac (VHT20)	CH157	2.23	30.00	Pass
11ac (VHT20)	CH165	3.04	30.00	Pass
11ac (VHT40)	CH151	0.72	30.00	Pass
11ac (VHT40)	CH159	0.01	30.00	Pass
11ac (VHT80)	CH155	-6.09	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	2.24	11.00	Pass
11n (HT20)	CH44	0.27	11.00	Pass
11n (HT20)	CH48	0.20	11.00	Pass
11n (HT40)	CH38	-5.33	11.00	Pass
11n (HT40)	CH46	-2.39	11.00	Pass
11ac (VHT20)	CH36	2.03	11.00	Pass
11ac (VHT20)	CH44	0.13	11.00	Pass
11ac (VHT20)	CH48	0.44	11.00	Pass
11ac (VHT40)	CH38	-5.05	11.00	Pass
11ac (VHT40)	CH46	-1.95	11.00	Pass
11ac (VHT80)	CH42	-9.56	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	0.79	11.00	Pass
11n (HT20)	CH60	-0.75	11.00	Pass
11n (HT20)	CH64	-1.16	11.00	Pass
11n (HT40)	CH54	-2.09	11.00	Pass
11n (HT40)	CH62	-7.94	11.00	Pass
11ac (VHT20)	CH52	0.84	11.00	Pass
11ac (VHT20)	CH60	-0.61	11.00	Pass
11ac (VHT20)	CH64	-0.90	11.00	Pass
11ac (VHT40)	CH54	-2.04	11.00	Pass
11ac (VHT40)	CH62	-5.84	11.00	Pass
11ac (VHT80)	CH58	-8.28	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	-0.42	11.00	Pass
11n (HT20)	CH116	0.68	11.00	Pass
11n (HT20)	CH140	0.83	11.00	Pass
11n (HT40)	CH102	-5.48	11.00	Pass
11n (HT40)	CH118	-2.15	11.00	Pass
11n (HT40)	CH134	-1.11	11.00	Pass
11ac (VHT20)	CH100	-0.52	11.00	Pass
11ac (VHT20)	CH116	0.67	11.00	Pass
11ac (VHT20)	CH140	0.96	11.00	Pass
11ac (VHT40)	CH102	-6.12	11.00	Pass
11ac (VHT40)	CH118	-2.01	11.00	Pass
11ac (VHT40)	CH134	-1.51	11.00	Pass
11ac (VHT80)	CH106	-7.93	11.00	Pass
11ac (VHT80)	CH122	-6.71	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	-0.43	30.00	Pass
11n (HT20)	CH157	-1.15	30.00	Pass
11n (HT20)	CH165	-0.55	30.00	Pass
11n (HT40)	CH151	-2.72	30.00	Pass
11n (HT40)	CH159	-3.91	30.00	Pass
11ac (VHT20)	CH149	-0.35	30.00	Pass
11ac (VHT20)	CH157	-1.37	30.00	Pass
11ac (VHT20)	CH165	-0.30	30.00	Pass
11ac (VHT40)	CH151	-2.89	30.00	Pass
11ac (VHT40)	CH159	-3.43	30.00	Pass
11ac (VHT80)	CH155	-7.71	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	3.03	11.00	Pass
11n (HT20)	CH44	1.05	11.00	Pass
11n (HT20)	CH48	1.04	11.00	Pass
11n (HT40)	CH38	-4.89	11.00	Pass
11n (HT40)	CH46	-1.84	11.00	Pass
11ac (VHT20)	CH36	2.81	11.00	Pass
11ac (VHT20)	CH44	0.94	11.00	Pass
11ac (VHT20)	CH48	1.06	11.00	Pass
11ac (VHT40)	CH38	-4.53	11.00	Pass
11ac (VHT40)	CH46	-3.93	11.00	Pass
11ac (VHT80)	CH42	-6.57	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	1.56	11.00	Pass
11n (HT20)	CH60	0.47	11.00	Pass
11n (HT20)	CH64	-0.17	11.00	Pass
11n (HT40)	CH54	-3.75	11.00	Pass
11n (HT40)	CH62	-2.87	11.00	Pass
11ac (VHT20)	CH52	1.58	11.00	Pass
11ac (VHT20)	CH60	0.48	11.00	Pass
11ac (VHT20)	CH64	-0.10	11.00	Pass
11ac (VHT40)	CH54	-1.37	11.00	Pass
11ac (VHT40)	CH62	-4.51	11.00	Pass
11ac (VHT80)	CH58	-7.65	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	0.21	11.00	Pass
11n (HT20)	CH116	1.33	11.00	Pass
11n (HT20)	CH140	1.97	11.00	Pass
11n (HT40)	CH102	-4.65	11.00	Pass
11n (HT40)	CH118	-1.11	11.00	Pass
11n (HT40)	CH134	-0.43	11.00	Pass
11ac (VHT20)	CH100	0.25	11.00	Pass
11ac (VHT20)	CH116	1.46	11.00	Pass
11ac (VHT20)	CH140	2.03	11.00	Pass
11ac (VHT40)	CH102	-5.15	11.00	Pass
11ac (VHT40)	CH118	-1.17	11.00	Pass
11ac (VHT40)	CH134	-0.72	11.00	Pass
11ac (VHT80)	CH106	-6.97	11.00	Pass
11ac (VHT80)	CH122	-5.20	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	0.06	30.00	Pass
11n (HT20)	CH157	-0.32	30.00	Pass
11n (HT20)	CH165	0.34	30.00	Pass
11n (HT40)	CH151	-2.11	30.00	Pass
11n (HT40)	CH159	-2.62	30.00	Pass
11ac (VHT20)	CH149	0.05	30.00	Pass
11ac (VHT20)	CH157	-0.51	30.00	Pass
11ac (VHT20)	CH165	0.32	30.00	Pass
11ac (VHT40)	CH151	-2.32	30.00	Pass
11ac (VHT40)	CH159	-3.06	30.00	Pass
11ac (VHT80)	CH155	-6.64	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	5.66	11.00	Pass
11n (HT20)	CH44	3.69	11.00	Pass
11n (HT20)	CH48	3.65	11.00	Pass
11n (HT40)	CH38	-2.09	11.00	Pass
11n (HT40)	CH46	0.90	11.00	Pass
11ac (VHT20)	CH36	5.45	11.00	Pass
11ac (VHT20)	CH44	3.56	11.00	Pass
11ac (VHT20)	CH48	3.77	11.00	Pass
11ac (VHT40)	CH38	-1.77	11.00	Pass
11ac (VHT40)	CH46	0.18	11.00	Pass
11ac (VHT80)	CH42	-4.80	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	4.20	11.00	Pass
11n (HT20)	CH60	2.91	11.00	Pass
11n (HT20)	CH64	2.37	11.00	Pass
11n (HT40)	CH54	0.17	11.00	Pass
11n (HT40)	CH62	-1.69	11.00	Pass
11ac (VHT20)	CH52	4.24	11.00	Pass
11ac (VHT20)	CH60	2.98	11.00	Pass
11ac (VHT20)	CH64	2.53	11.00	Pass
11ac (VHT40)	CH54	1.32	11.00	Pass
11ac (VHT40)	CH62	-2.11	11.00	Pass
11ac (VHT80)	CH58	-4.94	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	2.92	11.00	Pass
11n (HT20)	CH116	4.03	11.00	Pass
11n (HT20)	CH140	4.45	11.00	Pass
11n (HT40)	CH102	-2.03	11.00	Pass
11n (HT40)	CH118	1.41	11.00	Pass
11n (HT40)	CH134	2.25	11.00	Pass
11ac (VHT20)	CH100	2.89	11.00	Pass
11ac (VHT20)	CH116	4.09	11.00	Pass
11ac (VHT20)	CH140	4.54	11.00	Pass
11ac (VHT40)	CH102	-2.60	11.00	Pass
11ac (VHT40)	CH118	1.44	11.00	Pass
11ac (VHT40)	CH134	1.91	11.00	Pass
11ac (VHT80)	CH106	-4.41	11.00	Pass
11ac (VHT80)	CH122	-2.88	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11n (HT20)	CH149	2.83	30.00	Pass
11n (HT20)	CH157	2.30	30.00	Pass
11n (HT20)	CH165	2.93	30.00	Pass
11n (HT40)	CH151	0.61	30.00	Pass
11n (HT40)	CH159	-0.21	30.00	Pass
11ac (VHT20)	CH149	2.86	30.00	Pass
11ac (VHT20)	CH157	2.09	30.00	Pass
11ac (VHT20)	CH165	3.03	30.00	Pass
11ac (VHT40)	CH151	0.41	30.00	Pass
11ac (VHT40)	CH159	-0.23	30.00	Pass
11ac (VHT80)	CH155	-4.13	30.00	Pass

A.5 Conducted Emissions

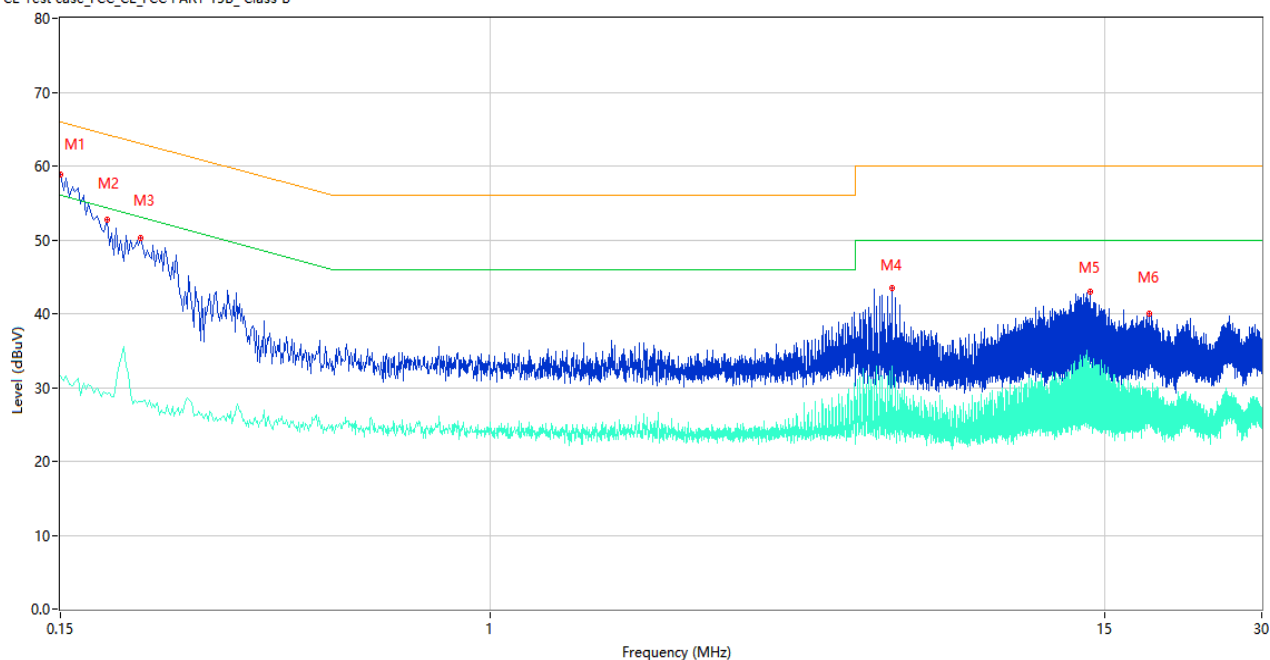
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

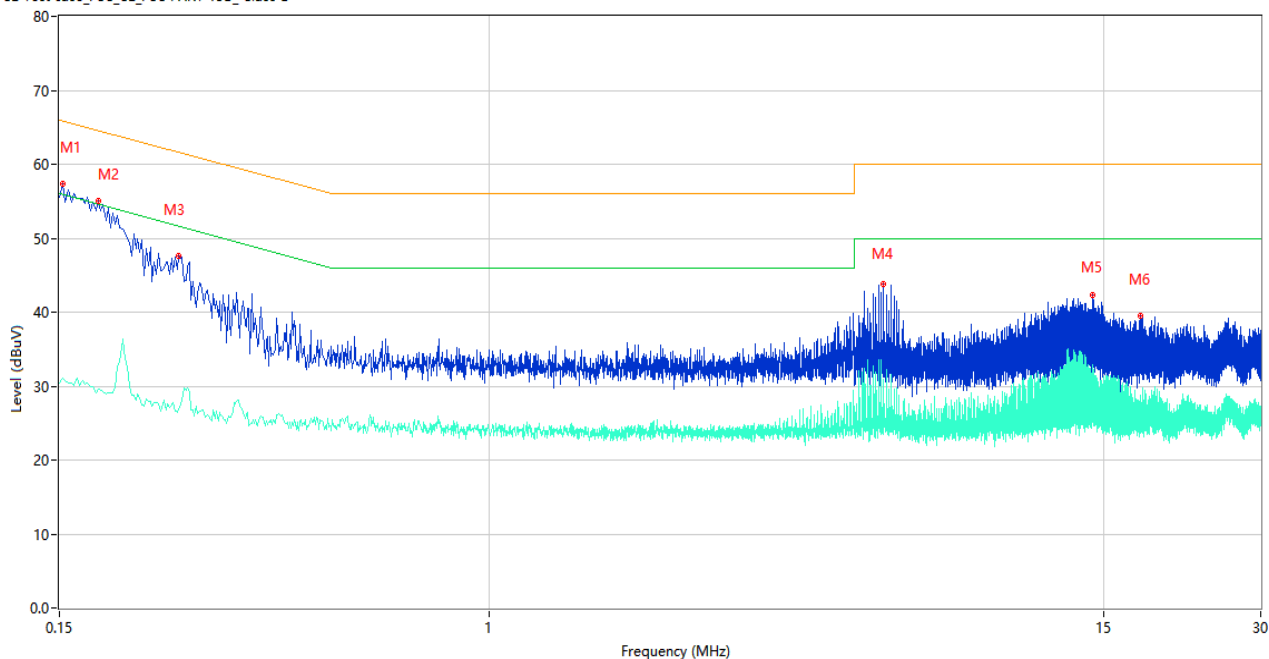
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBUV)	Factor (dB)	Limit (dBUV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	58.90	10.41	66.00	-7.10	Peak	L	Pass
1**	0.150	31.64	10.41	56.00	-24.36	AV	L	Pass
2	0.184	52.79	10.39	64.30	-11.51	Peak	L	Pass
2**	0.184	29.10	10.39	54.30	-25.20	AV	L	Pass
3	0.214	50.28	10.38	63.05	-12.77	Peak	L	Pass
3**	0.214	28.13	10.38	53.05	-24.92	AV	L	Pass
4	5.888	43.39	10.32	60.00	-16.61	Peak	L	Pass
4**	5.888	32.87	10.32	50.00	-17.13	AV	L	Pass
5	14.066	42.90	10.40	60.00	-17.10	Peak	L	Pass
5**	14.066	31.77	10.40	50.00	-18.23	AV	L	Pass
6	18.262	39.92	10.50	60.00	-20.08	Peak	L	Pass
6**	18.262	27.90	10.50	50.00	-22.10	AV	L	Pass
7	15.192	50.31	10.41	60.00	-9.69	Peak	L	Pass
7**	15.192	43.15	10.41	50.00	-6.85	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	55.48	10.41	66.00	-10.52	Peak	N	Pass
1**	0.150	30.47	10.41	56.00	-25.53	AV	N	Pass
2	0.178	55.03	10.39	64.58	-9.55	Peak	N	Pass
2**	0.178	29.66	10.39	54.58	-24.92	AV	N	Pass
3	0.254	47.53	10.34	61.63	-14.10	Peak	N	Pass
3**	0.254	26.75	10.34	51.63	-24.88	AV	N	Pass
4	5.688	43.79	10.31	60.00	-16.21	Peak	N	Pass
4**	5.688	30.92	10.31	50.00	-19.08	AV	N	Pass
5	14.258	42.37	10.40	60.00	-17.63	Peak	N	Pass
5**	14.258	29.45	10.40	50.00	-20.55	AV	N	Pass
6	17.672	39.45	10.48	60.00	-20.55	Peak	N	Pass
6**	17.672	26.38	10.48	50.00	-23.62	AV	N	Pass
7	15.298	54.66	10.42	60.00	-5.34	Peak	N	Pass
7**	15.298	44.98	10.42	50.00	-5.02	AV	N	Pass

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

Test Data

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

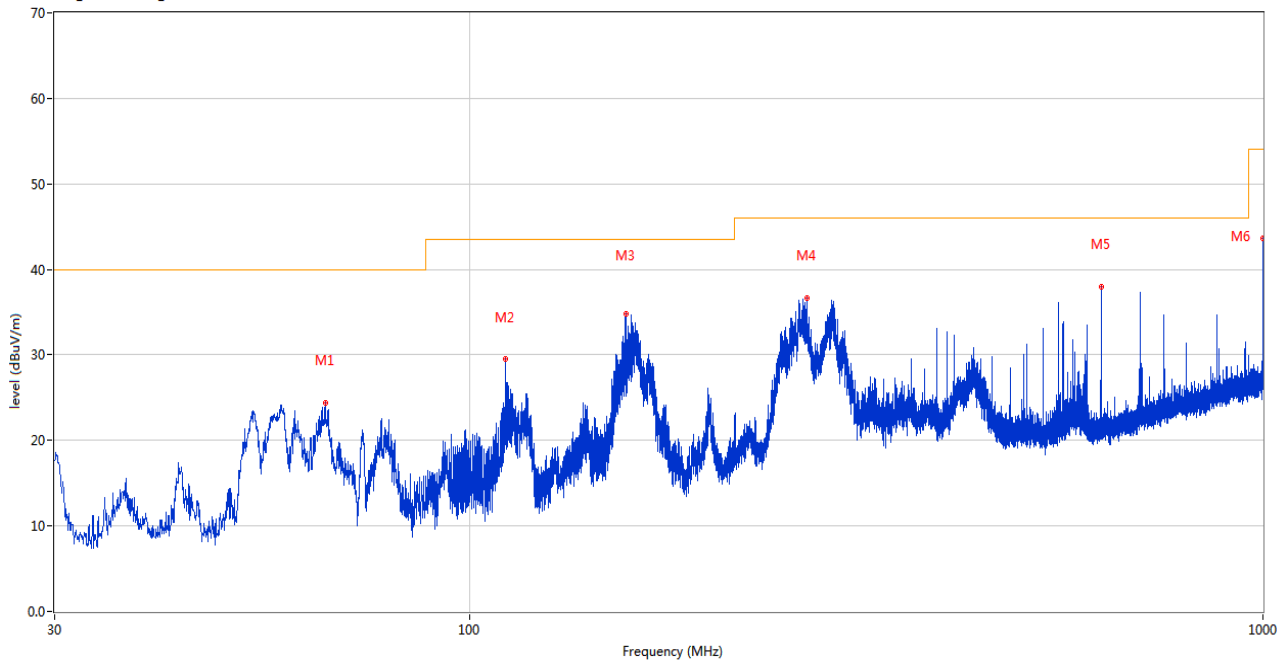
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

30 MHz to 1 GHz, ANT H

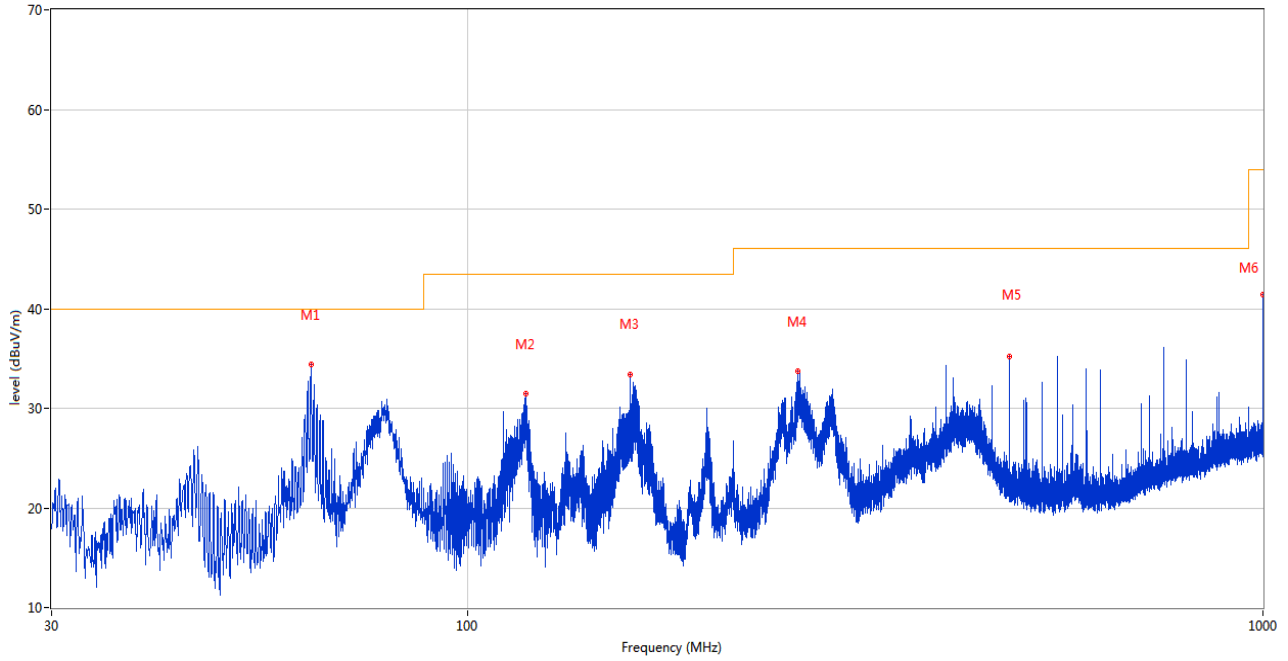
RE Test case_FCC Part 15B_FCC Part 15B Class B 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	65.841	24.38	-28.28	40.0	-15.62	Peak	278.00	100	Horizontal	Pass
2	110.995	29.46	-28.24	43.5	-14.04	Peak	41.00	200	Horizontal	Pass
3	157.312	34.83	-24.71	43.5	-8.67	Peak	226.00	100	Horizontal	Pass
4	266.534	36.70	-25.57	46.0	-9.30	Peak	150.00	100	Horizontal	Pass
5	625.047	37.96	-15.59	46.0	-8.04	Peak	278.00	100	Horizontal	Pass
6	1000.000	43.58	-10.49	54.0	-10.42	Peak	88.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.562	34.35	-27.91	40.0	-5.65	Peak	177.00	100	Vertical	Pass
2	118.270	31.49	-27.36	43.5	-12.01	Peak	157.00	100	Vertical	Pass
3	159.980	33.45	-24.54	43.5	-10.05	Peak	203.00	200	Vertical	Pass
4	259.793	33.74	-25.78	46.0	-12.26	Peak	163.00	200	Vertical	Pass
5	479.983	35.18	-19.01	46.0	-10.82	Peak	322.00	100	Vertical	Pass
6	1000.000	41.44	-10.49	54.0	-12.56	Peak	105.00	200	Vertical	Pass

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

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.400	49.69	-15.18	74.0	-24.31	Peak	181.00	150	Horizontal	Pass
1**	1499.400	33.59	-15.18	54.0	-20.41	AV	181.00	150	Horizontal	Pass
2	2090.100	50.63	-11.87	68.2	-17.57	Peak	300.00	150	Horizontal	Pass
2**	2090.100	31.87	-11.87	--	--	AV	300.00	150	Horizontal	N/A
3	3989.400	46.93	-4.35	74.0	-27.07	Peak	63.00	150	Horizontal	Pass
3**	3989.400	35.21	-4.35	54.0	-18.79	AV	63.00	150	Horizontal	Pass
4	5181.000	103.87	-0.58	--	--	Peak	9.00	150	Horizontal	N/A
4**	5181.000	98.24	-0.58	--	--	AV	9.00	150	Horizontal	N/A
5	11640.250	49.63	20.36	74.0	-24.37	Peak	188.00	150	Horizontal	Pass
5**	11640.250	37.79	20.36	54.0	-16.21	AV	188.00	150	Horizontal	Pass
6	15646.950	55.75	23.53	74.0	-18.25	Peak	220.00	150	Horizontal	Pass
6**	15646.950	44.11	23.53	54.0	-9.89	AV	220.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.400	51.97	-15.16	74.0	-22.03	Peak	173.00	150	Vertical	Pass
1**	1498.400	31.78	-15.16	54.0	-22.22	AV	173.00	150	Vertical	Pass
2	2090.000	49.73	-11.87	68.2	-18.47	Peak	361.00	150	Vertical	Pass
2**	2090.000	33.07	-11.87	--	--	AV	361.00	150	Vertical	N/A
3	4050.400	46.50	-3.83	74.0	-27.50	Peak	150.00	150	Vertical	Pass
3**	4050.400	34.52	-3.83	54.0	-19.48	AV	150.00	150	Vertical	Pass
4	5178.000	103.40	-0.61	--	--	Peak	106.00	150	Vertical	N/A
4**	5178.000	96.74	-0.61	--	--	AV	106.00	150	Vertical	N/A
5	11538.187	49.87	19.60	74.0	-24.13	Peak	311.00	150	Vertical	Pass
5**	11538.187	38.22	19.60	54.0	-15.78	AV	311.00	150	Vertical	Pass
6	15669.787	54.91	23.52	74.0	-19.09	Peak	277.00	150	Vertical	Pass
6**	15669.787	43.73	23.52	54.0	-10.27	AV	277.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	50.03	-15.19	74.0	-23.97	Peak	361.00	150	Horizontal	Pass
1**	1500.400	40.94	-15.19	54.0	-13.06	AV	361.00	150	Horizontal	Pass
2	2099.400	48.35	-11.62	68.2	-19.85	Peak	154.00	150	Horizontal	Pass
2**	2099.400	31.41	-11.62	--	--	AV	154.00	150	Horizontal	N/A
3	4172.600	47.48	-3.85	74.0	-26.52	Peak	343.00	150	Horizontal	Pass
3**	4172.600	34.85	-3.85	54.0	-19.15	AV	343.00	150	Horizontal	Pass
4	5217.600	104.13	-0.27	--	--	Peak	11.00	150	Horizontal	N/A
4**	5217.600	97.93	-0.27	--	--	AV	11.00	150	Horizontal	N/A
5	11619.262	50.56	20.23	74.0	-23.44	Peak	360.00	150	Horizontal	Pass
5**	11619.262	38.34	20.23	54.0	-15.66	AV	360.00	150	Horizontal	Pass
6	15458.213	55.03	23.51	74.0	-18.97	Peak	75.00	150	Horizontal	Pass
6**	15458.213	44.02	23.51	54.0	-9.98	AV	75.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	44.50	-15.20	74.0	-29.50	Peak	118.00	150	Vertical	Pass
1**	1500.200	36.34	-15.20	54.0	-17.66	AV	118.00	150	Vertical	Pass
2	2089.700	50.65	-11.88	68.2	-17.55	Peak	363.00	150	Vertical	Pass
2**	2089.700	30.89	-11.88	--	--	AV	363.00	150	Vertical	N/A
3	4116.600	46.60	-4.04	74.0	-27.40	Peak	45.00	150	Vertical	Pass
3**	4116.600	35.43	-4.04	54.0	-18.57	AV	45.00	150	Vertical	Pass
4	5215.800	105.04	-0.28	--	--	Peak	106.00	150	Vertical	N/A
4**	5215.800	97.98	-0.28	--	--	AV	106.00	150	Vertical	N/A
5	12117.787	50.44	19.61	74.0	-23.56	Peak	112.00	150	Vertical	Pass
5**	12117.787	38.95	19.61	54.0	-15.05	AV	112.00	150	Vertical	Pass
6	15913.650	54.79	23.53	74.0	-19.21	Peak	360.00	150	Vertical	Pass
6**	15913.650	43.66	23.53	54.0	-10.34	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	49.16	-15.18	74.0	-24.84	Peak	361.00	150	Horizontal	Pass
1**	1500.500	38.58	-15.18	54.0	-15.42	AV	361.00	150	Horizontal	Pass
2	2101.300	45.46	-11.40	68.2	-22.74	Peak	177.00	150	Horizontal	Pass
2**	2101.300	33.51	-11.40	--	--	AV	177.00	150	Horizontal	N/A
3	4026.000	46.59	-3.86	74.0	-27.41	Peak	43.00	150	Horizontal	Pass
3**	4026.000	35.04	-3.86	54.0	-18.96	AV	43.00	150	Horizontal	Pass
4	5238.400	104.90	-0.94	--	--	Peak	6.00	150	Horizontal	N/A
4**	5238.400	96.98	-0.94	--	--	AV	6.00	150	Horizontal	N/A
5	11687.113	49.80	19.98	74.0	-24.20	Peak	240.00	150	Horizontal	Pass
5**	11687.113	38.50	19.98	54.0	-15.50	AV	240.00	150	Horizontal	Pass
6	15620.437	55.24	23.45	74.0	-18.76	Peak	310.00	150	Horizontal	Pass
6**	15620.437	43.13	23.45	54.0	-10.87	AV	310.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.500	47.07	-14.95	74.0	-26.93	Peak	187.00	150	Vertical	Pass
1**	1520.500	35.49	-14.95	54.0	-18.51	AV	187.00	150	Vertical	Pass
2	2096.800	47.95	-11.45	68.2	-20.25	Peak	173.00	150	Vertical	Pass
2**	2096.800	31.69	-11.45	--	--	AV	173.00	150	Vertical	N/A
3	4152.600	47.24	-3.52	74.0	-26.76	Peak	192.00	150	Vertical	Pass
3**	4152.600	34.56	-3.52	54.0	-19.44	AV	192.00	150	Vertical	Pass
4	5237.400	104.62	-0.87	--	--	Peak	110.00	150	Vertical	N/A
4**	5237.400	98.71	-0.87	--	--	AV	110.00	150	Vertical	N/A
5	12143.375	50.37	19.87	74.0	-23.63	Peak	360.00	150	Vertical	Pass
5**	12143.375	38.36	19.87	54.0	-15.64	AV	360.00	150	Vertical	Pass
6	15699.974	55.81	23.57	74.0	-18.19	Peak	288.00	150	Vertical	Pass
6**	15699.974	43.21	23.57	54.0	-10.79	AV	288.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	56.44	-15.19	74.0	-17.56	Peak	40.00	150	Horizontal	Pass
1**	1500.400	43.56	-15.19	54.0	-10.44	AV	40.00	150	Horizontal	Pass
2	2104.900	44.75	-11.64	68.2	-23.45	Peak	180.00	150	Horizontal	Pass
2**	2104.900	31.88	-11.64	--	--	AV	180.00	150	Horizontal	N/A
3	3998.400	47.35	-4.54	74.0	-26.65	Peak	44.00	150	Horizontal	Pass
3**	3998.400	34.72	-4.54	54.0	-19.28	AV	44.00	150	Horizontal	Pass
4	5181.000	106.67	-0.58	--	--	Peak	345.00	150	Horizontal	N/A
4**	5181.000	100.25	-0.58	--	--	AV	345.00	150	Horizontal	N/A
5	12194.263	49.27	20.38	74.0	-24.73	Peak	101.00	150	Horizontal	Pass
5**	12194.263	38.60	20.38	54.0	-15.40	AV	101.00	150	Horizontal	Pass
6	15644.063	55.53	23.55	74.0	-18.47	Peak	360.00	150	Horizontal	Pass
6**	15644.063	43.29	23.55	54.0	-10.71	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	48.28	-15.10	74.0	-25.72	Peak	96.00	150	Vertical	Pass
1**	1497.600	36.44	-15.10	54.0	-17.56	AV	96.00	150	Vertical	Pass
2	2100.600	49.44	-11.50	68.2	-18.76	Peak	22.00	150	Vertical	Pass
2**	2100.600	32.51	-11.50	--	--	AV	22.00	150	Vertical	N/A
3	4132.400	47.26	-4.13	74.0	-26.74	Peak	222.00	150	Vertical	Pass
3**	4132.400	35.00	-4.13	54.0	-19.00	AV	222.00	150	Vertical	Pass
4	5182.200	104.23	-0.57	--	--	Peak	102.00	150	Vertical	N/A
4**	5182.200	97.52	-0.57	--	--	AV	102.00	150	Vertical	N/A
5	11896.412	49.89	18.03	74.0	-24.11	Peak	195.00	150	Vertical	Pass
5**	11896.412	37.81	18.03	54.0	-16.19	AV	195.00	150	Vertical	Pass
6	15673.987	54.81	23.55	74.0	-19.19	Peak	149.00	150	Vertical	Pass
6**	15673.987	44.02	23.55	54.0	-9.98	AV	149.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.600	52.37	-15.03	74.0	-21.63	Peak	42.00	150	Horizontal	Pass
1**	1508.600	30.97	-15.03	54.0	-23.03	AV	42.00	150	Horizontal	Pass
2	2102.200	46.84	-11.43	68.2	-21.36	Peak	289.00	150	Horizontal	Pass
2**	2102.200	36.30	-11.43	--	--	AV	289.00	150	Horizontal	N/A
3	3978.400	46.74	-4.07	74.0	-27.26	Peak	134.00	150	Horizontal	Pass
3**	3978.400	35.30	-4.07	54.0	-18.70	AV	134.00	150	Horizontal	Pass
4	5215.200	107.55	-0.27	--	--	Peak	302.00	150	Horizontal	N/A
4**	5215.200	102.80	-0.27	--	--	AV	302.00	150	Horizontal	N/A
5	11681.362	49.65	20.05	74.0	-24.35	Peak	138.00	150	Horizontal	Pass
5**	11681.362	38.55	20.05	54.0	-15.45	AV	138.00	150	Horizontal	Pass
6	15627.787	55.57	23.49	74.0	-18.43	Peak	351.00	150	Horizontal	Pass
6**	15627.787	43.87	23.49	54.0	-10.13	AV	351.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	45.59	-15.07	74.0	-28.41	Peak	70.00	150	Vertical	Pass
1**	1501.700	32.02	-15.07	54.0	-21.98	AV	70.00	150	Vertical	Pass
2	2102.100	45.92	-11.41	68.2	-22.28	Peak	177.00	150	Vertical	Pass
2**	2102.100	34.19	-11.41	--	--	AV	177.00	150	Vertical	N/A
3	4047.200	46.67	-3.88	74.0	-27.33	Peak	281.00	150	Vertical	Pass
3**	4047.200	35.17	-3.88	54.0	-18.83	AV	281.00	150	Vertical	Pass
4	5218.200	106.23	-0.24	--	--	Peak	98.00	150	Vertical	N/A
4**	5218.200	99.54	-0.24	--	--	AV	98.00	150	Vertical	N/A
5	11642.263	50.11	20.37	74.0	-23.89	Peak	114.00	150	Vertical	Pass
5**	11642.263	37.94	20.37	54.0	-16.06	AV	114.00	150	Vertical	Pass
6	15624.375	55.22	23.47	74.0	-18.78	Peak	294.00	150	Vertical	Pass
6**	15624.375	42.52	23.47	54.0	-11.48	AV	294.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.900	54.00	-15.10	74.0	-20.00	Peak	31.00	150	Horizontal	Pass
1**	1505.900	40.75	-15.10	54.0	-13.25	AV	31.00	150	Horizontal	Pass
2	2099.900	47.49	-11.60	68.2	-20.71	Peak	154.00	150	Horizontal	Pass
2**	2099.900	35.57	-11.60	--	--	AV	154.00	150	Horizontal	N/A
3	4128.800	47.06	-4.06	74.0	-26.94	Peak	337.00	150	Horizontal	Pass
3**	4128.800	35.57	-4.06	54.0	-18.43	AV	337.00	150	Horizontal	Pass
4	5241.000	108.12	-0.95	--	--	Peak	300.00	150	Horizontal	N/A
4**	5241.000	101.76	-0.95	--	--	AV	300.00	150	Horizontal	N/A
5	12154.013	50.01	19.97	74.0	-23.99	Peak	35.00	150	Horizontal	Pass
5**	12154.013	38.45	19.97	54.0	-15.55	AV	35.00	150	Horizontal	Pass
6	15981.901	55.90	24.01	74.0	-18.10	Peak	195.00	150	Horizontal	Pass
6**	15981.901	44.62	24.01	54.0	-9.38	AV	195.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.400	49.05	-15.10	74.0	-24.95	Peak	306.00	150	Vertical	Pass
1**	1501.400	35.61	-15.10	54.0	-18.39	AV	306.00	150	Vertical	Pass
2	2090.300	48.73	-11.86	68.2	-19.47	Peak	363.00	150	Vertical	Pass
2**	2090.300	30.74	-11.86	--	--	AV	363.00	150	Vertical	N/A
3	4340.800	48.18	-3.00	74.0	-25.82	Peak	140.00	150	Vertical	Pass
3**	4340.800	34.57	-3.00	54.0	-19.43	AV	140.00	150	Vertical	Pass
4	5245.600	105.18	-0.86	--	--	Peak	99.00	150	Vertical	N/A
4**	5245.600	99.29	-0.86	--	--	AV	99.00	150	Vertical	N/A
5	11650.600	50.24	20.38	74.0	-23.76	Peak	169.00	150	Vertical	Pass
5**	11650.600	38.61	20.38	54.0	-15.39	AV	169.00	150	Vertical	Pass
6	15988.987	54.79	24.01	74.0	-19.21	Peak	346.00	150	Vertical	Pass
6**	15988.987	45.24	24.01	54.0	-8.76	AV	346.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.500	51.65	-15.09	74.0	-22.35	Peak	118.00	150	Horizontal	Pass
1**	1501.500	32.48	-15.09	54.0	-21.52	AV	118.00	150	Horizontal	Pass
2	2099.800	48.03	-11.61	68.2	-20.17	Peak	11.00	150	Horizontal	Pass
2**	2099.800	43.99	-11.61	--	--	AV	11.00	150	Horizontal	N/A
3	4146.200	46.86	-3.67	74.0	-27.14	Peak	7.00	150	Horizontal	Pass
3**	4146.200	36.39	-3.67	54.0	-17.61	AV	7.00	150	Horizontal	Pass
4	5202.400	102.28	-0.44	--	--	Peak	21.00	150	Horizontal	N/A
4**	5202.400	95.74	-0.44	--	--	AV	21.00	150	Horizontal	N/A
5	12425.700	50.21	18.89	74.0	-23.79	Peak	1.00	150	Horizontal	Pass
5**	12425.700	38.34	18.89	54.0	-15.66	AV	1.00	150	Horizontal	Pass
6	15925.987	55.40	23.72	74.0	-18.60	Peak	187.00	150	Horizontal	Pass
6**	15925.987	43.60	23.72	54.0	-10.40	AV	187.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.700	44.86	-15.16	74.0	-29.14	Peak	61.00	150	Vertical	Pass
1**	1500.700	37.05	-15.16	54.0	-16.95	AV	61.00	150	Vertical	Pass
2	2100.500	54.11	-11.51	68.2	-14.09	Peak	360.00	150	Vertical	Pass
2**	2100.500	34.41	-11.51	--	--	AV	360.00	150	Vertical	N/A
3	4043.800	46.34	-3.88	74.0	-27.66	Peak	69.00	150	Vertical	Pass
3**	4043.800	35.13	-3.88	54.0	-18.87	AV	69.00	150	Vertical	Pass
4	5203.800	101.95	-0.52	--	--	Peak	115.00	150	Vertical	N/A
4**	5203.800	95.26	-0.52	--	--	AV	115.00	150	Vertical	N/A
5	11623.000	51.04	20.26	74.0	-22.96	Peak	326.00	150	Vertical	Pass
5**	11623.000	38.49	20.26	54.0	-15.51	AV	326.00	150	Vertical	Pass
6	15947.775	55.78	23.94	74.0	-18.22	Peak	155.00	150	Vertical	Pass
6**	15947.775	44.47	23.94	54.0	-9.53	AV	155.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.600	49.72	-15.16	74.0	-24.28	Peak	347.00	150	Horizontal	Pass
1**	1498.600	42.90	-15.16	54.0	-11.10	AV	347.00	150	Horizontal	Pass
2	2100.200	46.73	-11.56	68.2	-21.47	Peak	71.00	150	Horizontal	Pass
2**	2100.200	34.06	-11.56	--	--	AV	71.00	150	Horizontal	N/A
3	4109.400	48.08	-4.22	74.0	-25.92	Peak	263.00	150	Horizontal	Pass
3**	4109.400	35.95	-4.22	54.0	-18.05	AV	263.00	150	Horizontal	Pass
4	5216.800	102.60	-0.30	--	--	Peak	21.00	150	Horizontal	N/A
4**	5216.800	95.04	-0.30	--	--	AV	21.00	150	Horizontal	N/A
5	12349.799	51.38	19.71	74.0	-22.62	Peak	334.00	150	Horizontal	Pass
5**	12349.799	38.95	19.71	54.0	-15.05	AV	334.00	150	Horizontal	Pass
6	15945.675	55.34	23.93	74.0	-18.66	Peak	226.00	150	Horizontal	Pass
6**	15945.675	43.41	23.93	54.0	-10.59	AV	226.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.100	49.67	-15.13	74.0	-24.33	Peak	28.00	150	Vertical	Pass
1**	1490.100	27.70	-15.13	54.0	-26.30	AV	28.00	150	Vertical	Pass
2	2100.200	53.41	-11.56	68.2	-14.79	Peak	362.00	150	Vertical	Pass
2**	2100.200	40.07	-11.56	--	--	AV	362.00	150	Vertical	N/A
3	3984.800	46.60	-4.30	74.0	-27.40	Peak	222.00	150	Vertical	Pass
3**	3984.800	34.77	-4.30	54.0	-19.23	AV	222.00	150	Vertical	Pass
4	5233.200	101.90	-0.65	--	--	Peak	103.00	150	Vertical	N/A
4**	5233.200	95.05	-0.65	--	--	AV	103.00	150	Vertical	N/A
5	11752.662	50.30	18.92	74.0	-23.70	Peak	37.00	150	Vertical	Pass
5**	11752.662	38.64	18.92	54.0	-15.36	AV	37.00	150	Vertical	Pass
6	15513.862	55.23	23.83	74.0	-18.77	Peak	230.00	150	Vertical	Pass
6**	15513.862	43.31	23.83	54.0	-10.69	AV	230.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	49.41	-15.19	74.0	-24.59	Peak	54.00	150	Horizontal	Pass
1**	1499.900	39.26	-15.19	54.0	-14.74	AV	54.00	150	Horizontal	Pass
2	2099.800	53.13	-11.61	68.2	-15.07	Peak	74.00	150	Horizontal	Pass
2**	2099.800	42.71	-11.61	--	--	AV	74.00	150	Horizontal	N/A
3	4304.200	48.22	-3.53	74.0	-25.78	Peak	182.00	150	Horizontal	Pass
3**	4304.200	35.22	-3.53	54.0	-18.78	AV	182.00	150	Horizontal	Pass
4	5183.400	103.70	-0.59	--	--	Peak	1.00	150	Horizontal	N/A
4**	5183.400	98.39	-0.59	--	--	AV	1.00	150	Horizontal	N/A
5	12308.975	50.13	19.95	74.0	-23.87	Peak	344.00	150	Horizontal	Pass
5**	12308.975	37.31	19.95	54.0	-16.69	AV	344.00	150	Horizontal	Pass
6	15497.850	55.53	23.93	74.0	-18.47	Peak	126.00	150	Horizontal	Pass
6**	15497.850	43.85	23.93	54.0	-10.15	AV	126.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	49.95	-15.10	74.0	-24.05	Peak	12.00	150	Vertical	Pass
1**	1497.600	42.56	-15.10	54.0	-11.44	AV	12.00	150	Vertical	Pass
2	2097.500	48.71	-11.40	68.2	-19.49	Peak	363.00	150	Vertical	Pass
2**	2097.500	41.34	-11.40	--	--	AV	363.00	150	Vertical	N/A
3	4190.000	46.86	-4.05	74.0	-27.14	Peak	161.00	150	Vertical	Pass
3**	4190.000	35.38	-4.05	54.0	-18.62	AV	161.00	150	Vertical	Pass
4	5183.000	103.06	-0.57	--	--	Peak	105.00	150	Vertical	N/A
4**	5183.000	96.07	-0.57	--	--	AV	105.00	150	Vertical	N/A
5	12120.662	49.86	19.64	74.0	-24.14	Peak	304.00	150	Vertical	Pass
5**	12120.662	38.14	19.64	54.0	-15.86	AV	304.00	150	Vertical	Pass
6	15921.263	54.65	23.66	74.0	-19.35	Peak	136.00	150	Vertical	Pass
6**	15921.263	42.72	23.66	54.0	-11.28	AV	136.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	51.51	-15.18	74.0	-22.49	Peak	35.00	150	Horizontal	Pass
1**	1499.300	37.76	-15.18	54.0	-16.24	AV	35.00	150	Horizontal	Pass
2	2099.800	47.27	-11.61	68.2	-20.93	Peak	77.00	150	Horizontal	Pass
2**	2099.800	35.16	-11.61	--	--	AV	77.00	150	Horizontal	N/A
3	4085.600	46.83	-4.22	74.0	-27.17	Peak	172.00	150	Horizontal	Pass
3**	4085.600	34.64	-4.22	54.0	-19.36	AV	172.00	150	Horizontal	Pass
4	5215.400	104.76	-0.28	--	--	Peak	0.00	150	Horizontal	N/A
4**	5215.400	97.74	-0.28	--	--	AV	0.00	150	Horizontal	N/A
5	11682.800	49.85	20.03	74.0	-24.15	Peak	97.00	150	Horizontal	Pass
5**	11682.800	39.29	20.03	54.0	-14.71	AV	97.00	150	Horizontal	Pass
6	15940.425	55.04	23.91	74.0	-18.96	Peak	1.00	150	Horizontal	Pass
6**	15940.425	44.87	23.91	54.0	-9.13	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.600	49.32	-15.16	74.0	-24.68	Peak	360.00	150	Vertical	Pass
1**	1498.600	32.36	-15.16	54.0	-21.64	AV	360.00	150	Vertical	Pass
2	2099.900	49.74	-11.60	68.2	-18.46	Peak	184.00	150	Vertical	Pass
2**	2099.900	40.14	-11.60	--	--	AV	184.00	150	Vertical	N/A
3	3970.400	46.55	-4.19	74.0	-27.45	Peak	122.00	150	Vertical	Pass
3**	3970.400	35.45	-4.19	54.0	-18.55	AV	122.00	150	Vertical	Pass
4	5218.600	104.53	-0.22	--	--	Peak	108.00	150	Vertical	N/A
4**	5218.600	97.22	-0.22	--	--	AV	108.00	150	Vertical	N/A
5	11489.887	49.68	19.07	74.0	-24.32	Peak	88.00	150	Vertical	Pass
5**	11489.887	37.95	19.07	54.0	-16.05	AV	88.00	150	Vertical	Pass
6	15543.262	56.21	23.67	74.0	-17.79	Peak	66.00	150	Vertical	Pass
6**	15543.262	44.81	23.67	54.0	-9.19	AV	66.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.300	48.61	-15.02	74.0	-25.39	Peak	179.00	150	Horizontal	Pass
1**	1495.300	32.05	-15.02	54.0	-21.95	AV	179.00	150	Horizontal	Pass
2	2100.000	45.29	-11.58	68.2	-22.91	Peak	179.00	150	Horizontal	Pass
2**	2100.000	38.80	-11.58	--	--	AV	179.00	150	Horizontal	N/A
3	4019.200	46.88	-4.06	74.0	-27.12	Peak	0.00	150	Horizontal	Pass
3**	4019.200	34.95	-4.06	54.0	-19.05	AV	0.00	150	Horizontal	Pass
4	5235.800	104.00	-0.77	--	--	Peak	13.00	150	Horizontal	N/A
4**	5235.800	96.72	-0.77	--	--	AV	13.00	150	Horizontal	N/A
5	12149.701	50.66	19.91	74.0	-23.34	Peak	233.00	150	Horizontal	Pass
5**	12149.701	40.31	19.91	54.0	-13.69	AV	233.00	150	Horizontal	Pass
6	15438.262	54.99	23.25	74.0	-19.01	Peak	347.00	150	Horizontal	Pass
6**	15438.262	43.92	23.25	54.0	-10.08	AV	347.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.600	47.29	-15.16	74.0	-26.71	Peak	360.00	150	Vertical	Pass
1**	1498.600	33.27	-15.16	54.0	-20.73	AV	360.00	150	Vertical	Pass
2	1950.500	47.66	-13.28	68.2	-20.54	Peak	360.00	150	Vertical	Pass
2**	1950.500	34.54	-13.28	--	--	AV	360.00	150	Vertical	N/A
3	4029.000	46.92	-4.00	74.0	-27.08	Peak	20.00	150	Vertical	Pass
3**	4029.000	35.34	-4.00	54.0	-18.66	AV	20.00	150	Vertical	Pass
4	5244.600	103.79	-0.79	--	--	Peak	102.00	150	Vertical	N/A
4**	5244.600	97.56	-0.79	--	--	AV	102.00	150	Vertical	N/A
5	11598.276	51.60	20.11	74.0	-22.40	Peak	363.00	150	Vertical	Pass
5**	11598.276	38.95	20.11	54.0	-15.05	AV	363.00	150	Vertical	Pass
6	15931.763	55.35	23.80	74.0	-18.65	Peak	360.00	150	Vertical	Pass
6**	15931.763	43.08	23.80	54.0	-10.92	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1511.900	50.39	-14.91	74.0	-23.61	Peak	36.00	150	Horizontal	Pass
1**	1511.900	33.62	-14.91	54.0	-20.38	AV	36.00	150	Horizontal	Pass
2	2102.400	48.82	-11.46	68.2	-19.38	Peak	339.00	150	Horizontal	Pass
2**	2102.400	33.93	-11.46	--	--	AV	339.00	150	Horizontal	N/A
3	4162.400	47.04	-3.49	74.0	-26.96	Peak	244.00	150	Horizontal	Pass
3**	4162.400	36.18	-3.49	54.0	-17.82	AV	244.00	150	Horizontal	Pass
4	5201.200	102.09	-0.54	--	--	Peak	8.00	150	Horizontal	N/A
4**	5201.200	95.04	-0.54	--	--	AV	8.00	150	Horizontal	N/A
5	11740.588	50.38	19.09	74.0	-23.62	Peak	363.00	150	Horizontal	Pass
5**	11740.588	38.48	19.09	54.0	-15.52	AV	363.00	150	Horizontal	Pass
6	15622.013	55.41	23.46	74.0	-18.59	Peak	347.00	150	Horizontal	Pass
6**	15622.013	44.29	23.46	54.0	-9.71	AV	347.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	50.36	-15.19	74.0	-23.64	Peak	363.00	150	Vertical	Pass
1**	1500.000	45.42	-15.19	54.0	-8.58	AV	363.00	150	Vertical	Pass
2	2100.000	47.80	-11.58	68.2	-20.40	Peak	275.00	150	Vertical	Pass
2**	2100.000	35.46	-11.58	--	--	AV	275.00	150	Vertical	N/A
3	4131.800	46.93	-4.12	74.0	-27.07	Peak	202.00	150	Vertical	Pass
3**	4131.800	37.24	-4.12	54.0	-16.76	AV	202.00	150	Vertical	Pass
4	5192.000	101.84	-0.68	--	--	Peak	92.00	150	Vertical	N/A
4**	5192.000	94.56	-0.68	--	--	AV	92.00	150	Vertical	N/A
5	12275.912	50.50	20.26	74.0	-23.50	Peak	78.00	150	Vertical	Pass
5**	12275.912	38.53	20.26	54.0	-15.47	AV	78.00	150	Vertical	Pass
6	15635.401	55.59	23.54	74.0	-18.41	Peak	336.00	150	Vertical	Pass
6**	15635.401	44.26	23.54	54.0	-9.74	AV	336.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	48.74	-15.04	74.0	-25.26	Peak	50.00	150	Horizontal	Pass
1**	1496.900	41.41	-15.04	54.0	-12.59	AV	50.00	150	Horizontal	Pass
2	2100.800	49.48	-11.47	68.2	-18.72	Peak	107.00	150	Horizontal	Pass
2**	2100.800	32.60	-11.47	--	--	AV	107.00	150	Horizontal	N/A
3	4147.400	46.66	-3.61	74.0	-27.34	Peak	307.00	150	Horizontal	Pass
3**	4147.400	35.58	-3.61	54.0	-18.42	AV	307.00	150	Horizontal	Pass
4	5222.000	102.11	-0.38	--	--	Peak	11.00	150	Horizontal	N/A
4**	5222.000	95.03	-0.38	--	--	AV	11.00	150	Horizontal	N/A
5	12323.350	51.17	19.90	74.0	-22.83	Peak	224.00	150	Horizontal	Pass
5**	12323.350	37.81	19.90	54.0	-16.19	AV	224.00	150	Horizontal	Pass
6	15853.537	55.20	23.44	74.0	-18.80	Peak	101.00	150	Horizontal	Pass
6**	15853.537	44.19	23.44	54.0	-9.81	AV	101.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.000	45.67	-15.14	74.0	-28.33	Peak	223.00	150	Vertical	Pass
1**	1498.000	38.13	-15.14	54.0	-15.87	AV	223.00	150	Vertical	Pass
2	2100.800	47.23	-11.47	68.2	-20.97	Peak	27.00	150	Vertical	Pass
2**	2100.800	35.70	-11.47	--	--	AV	27.00	150	Vertical	N/A
3	4297.200	48.56	-3.58	74.0	-25.44	Peak	108.00	150	Vertical	Pass
3**	4297.200	35.57	-3.58	54.0	-18.43	AV	108.00	150	Vertical	Pass
4	5242.000	102.45	-0.92	--	--	Peak	108.00	150	Vertical	N/A
4**	5242.000	96.03	-0.92	--	--	AV	108.00	150	Vertical	N/A
5	12363.025	50.37	19.60	74.0	-23.63	Peak	0.00	150	Vertical	Pass
5**	12363.025	39.33	19.60	54.0	-14.67	AV	0.00	150	Vertical	Pass
6	15943.050	55.51	23.92	74.0	-18.49	Peak	42.00	150	Vertical	Pass
6**	15943.050	43.98	23.92	54.0	-10.02	AV	42.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.400	48.88	-15.08	74.0	-25.12	Peak	47.00	150	Horizontal	Pass
1**	1497.400	40.72	-15.08	54.0	-13.28	AV	47.00	150	Horizontal	Pass
2	2100.300	48.87	-11.54	68.2	-19.33	Peak	103.00	150	Horizontal	Pass
2**	2100.300	33.83	-11.54	--	--	AV	103.00	150	Horizontal	N/A
3	3970.600	46.87	-4.19	74.0	-27.13	Peak	3.00	150	Horizontal	Pass
3**	3970.600	34.62	-4.19	54.0	-19.38	AV	3.00	150	Horizontal	Pass
4	5214.400	100.03	-0.32	--	--	Peak	3.00	150	Horizontal	N/A
4**	5214.400	92.70	-0.32	--	--	AV	3.00	150	Horizontal	N/A
5	11618.688	50.06	20.23	74.0	-23.94	Peak	53.00	150	Horizontal	Pass
5**	11618.688	37.66	20.23	54.0	-16.34	AV	53.00	150	Horizontal	Pass
6	15427.500	55.00	23.19	74.0	-19.00	Peak	277.00	150	Horizontal	Pass
6**	15427.500	43.31	23.19	54.0	-10.69	AV	277.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	51.43	-15.18	74.0	-22.57	Peak	194.00	150	Vertical	Pass
1**	1499.500	37.39	-15.18	54.0	-16.61	AV	194.00	150	Vertical	Pass
2	2098.900	47.46	-11.56	68.2	-20.74	Peak	362.00	150	Vertical	Pass
2**	2098.900	32.91	-11.56	--	--	AV	362.00	150	Vertical	N/A
3	4187.000	47.22	-4.03	74.0	-26.78	Peak	209.00	150	Vertical	Pass
3**	4187.000	36.25	-4.03	54.0	-17.75	AV	209.00	150	Vertical	Pass
4	5219.200	98.82	-0.21	--	--	Peak	104.00	150	Vertical	N/A
4**	5219.200	93.15	-0.21	--	--	AV	104.00	150	Vertical	N/A
5	12128.425	50.48	19.73	74.0	-23.52	Peak	216.00	150	Vertical	Pass
5**	12128.425	38.69	19.73	54.0	-15.31	AV	216.00	150	Vertical	Pass
6	15546.412	55.51	23.64	74.0	-18.49	Peak	311.00	150	Vertical	Pass
6**	15546.412	43.57	23.64	54.0	-10.43	AV	311.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.400	50.06	-14.95	74.0	-23.94	Peak	35.00	150	Horizontal	Pass
1**	1520.400	33.31	-14.95	54.0	-20.69	AV	35.00	150	Horizontal	Pass
2	2109.500	47.96	-11.67	68.2	-20.24	Peak	84.00	150	Horizontal	Pass
2**	2109.500	33.44	-11.67	--	--	AV	84.00	150	Horizontal	N/A
3	4287.000	47.72	-3.86	74.0	-26.28	Peak	150.00	150	Horizontal	Pass
3**	4287.000	36.94	-3.86	54.0	-17.06	AV	150.00	150	Horizontal	Pass
4	5263.000	103.76	-0.93	--	--	Peak	0.00	150	Horizontal	N/A
4**	5263.000	97.21	-0.93	--	--	AV	0.00	150	Horizontal	N/A
5	11710.113	50.10	19.63	74.0	-23.90	Peak	139.00	150	Horizontal	Pass
5**	11710.113	38.03	19.63	54.0	-15.97	AV	139.00	150	Horizontal	Pass
6	15595.237	54.87	23.56	74.0	-19.13	Peak	294.00	150	Horizontal	Pass
6**	15595.237	43.81	23.56	54.0	-10.19	AV	294.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	53.01	-15.19	74.0	-20.99	Peak	186.00	150	Vertical	Pass
1**	1499.800	47.91	-15.19	54.0	-6.09	AV	186.00	150	Vertical	Pass
2	2100.000	51.20	-11.58	68.2	-17.00	Peak	98.00	150	Vertical	Pass
2**	2100.000	38.80	-11.58	--	--	AV	98.00	150	Vertical	N/A
3	4013.600	47.15	-4.24	74.0	-26.85	Peak	0.00	150	Vertical	Pass
3**	4013.600	35.02	-4.24	54.0	-18.98	AV	0.00	150	Vertical	Pass
4	5255.000	104.70	-1.14	--	--	Peak	105.00	150	Vertical	N/A
4**	5255.000	97.72	-1.14	--	--	AV	105.00	150	Vertical	N/A
5	11611.213	50.90	20.19	74.0	-23.10	Peak	191.00	150	Vertical	Pass
5**	11611.213	38.45	20.19	54.0	-15.55	AV	191.00	150	Vertical	Pass
6	15628.049	54.74	23.49	74.0	-19.26	Peak	224.00	150	Vertical	Pass
6**	15628.049	43.72	23.49	54.0	-10.28	AV	224.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.100	51.89	-15.01	74.0	-22.11	Peak	65.00	150	Horizontal	Pass
1**	1503.100	40.95	-15.01	54.0	-13.05	AV	65.00	150	Horizontal	Pass
2	2096.600	48.43	-11.47	68.2	-19.77	Peak	197.00	150	Horizontal	Pass
2**	2096.600	32.45	-11.47	--	--	AV	197.00	150	Horizontal	N/A
3	4028.200	47.21	-3.93	74.0	-26.79	Peak	294.00	150	Horizontal	Pass
3**	4028.200	34.52	-3.93	54.0	-19.48	AV	294.00	150	Horizontal	Pass
4	5298.800	104.06	0.26	--	--	Peak	12.00	150	Horizontal	N/A
4**	5298.800	97.42	0.26	--	--	AV	12.00	150	Horizontal	N/A
5	11786.875	50.68	18.65	74.0	-23.32	Peak	363.00	150	Horizontal	Pass
5**	11786.875	38.20	18.65	54.0	-15.80	AV	363.00	150	Horizontal	Pass
6	16003.687	55.59	24.01	74.0	-18.41	Peak	20.00	150	Horizontal	Pass
6**	16003.687	43.61	24.01	54.0	-10.39	AV	20.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	48.95	-15.20	74.0	-25.05	Peak	0.00	150	Vertical	Pass
1**	1500.100	42.73	-15.20	54.0	-11.27	AV	0.00	150	Vertical	Pass
2	2100.000	52.03	-11.58	68.2	-16.17	Peak	360.00	150	Vertical	Pass
2**	2100.000	38.93	-11.58	--	--	AV	360.00	150	Vertical	N/A
3	3968.000	46.99	-4.12	74.0	-27.01	Peak	34.00	150	Vertical	Pass
3**	3968.000	34.78	-4.12	54.0	-19.22	AV	34.00	150	Vertical	Pass
4	5304.800	104.55	0.31	--	--	Peak	104.00	150	Vertical	N/A
4**	5304.800	97.31	0.31	--	--	AV	104.00	150	Vertical	N/A
5	11663.250	49.57	20.24	74.0	-24.43	Peak	363.00	150	Vertical	Pass
5**	11663.250	37.74	20.24	54.0	-16.26	AV	363.00	150	Vertical	Pass
6	15667.162	55.71	23.51	74.0	-18.29	Peak	1.00	150	Vertical	Pass
6**	15667.162	43.34	23.51	54.0	-10.66	AV	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.900	50.92	-15.13	74.0	-23.08	Peak	62.00	150	Horizontal	Pass
1**	1489.900	44.97	-15.13	54.0	-9.03	AV	62.00	150	Horizontal	Pass
2	2090.100	48.05	-11.87	68.2	-20.15	Peak	320.00	150	Horizontal	Pass
2**	2090.100	36.39	-11.87	--	--	AV	320.00	150	Horizontal	N/A
3	4052.400	46.77	-3.67	74.0	-27.23	Peak	316.00	150	Horizontal	Pass
3**	4052.400	36.64	-3.67	54.0	-17.36	AV	316.00	150	Horizontal	Pass
4	5322.200	103.41	-0.05	--	--	Peak	0.00	150	Horizontal	N/A
4**	5322.200	97.06	-0.05	--	--	AV	0.00	150	Horizontal	N/A
5	11617.537	50.38	20.22	74.0	-23.62	Peak	12.00	150	Horizontal	Pass
5**	11617.537	38.07	20.22	54.0	-15.93	AV	12.00	150	Horizontal	Pass
6	15594.188	55.62	23.56	74.0	-18.38	Peak	1.00	150	Horizontal	Pass
6**	15594.188	44.45	23.56	54.0	-9.55	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	51.39	-15.19	74.0	-22.61	Peak	181.00	150	Vertical	Pass
1**	1499.800	42.85	-15.19	54.0	-11.15	AV	181.00	150	Vertical	Pass
2	2100.200	51.12	-11.56	68.2	-17.08	Peak	363.00	150	Vertical	Pass
2**	2100.200	35.22	-11.56	--	--	AV	363.00	150	Vertical	N/A
3	4025.000	46.49	-3.89	74.0	-27.51	Peak	0.00	150	Vertical	Pass
3**	4025.000	36.38	-3.89	54.0	-17.62	AV	0.00	150	Vertical	Pass
4	5317.000	104.34	-0.05	--	--	Peak	92.00	150	Vertical	N/A
4**	5317.000	98.14	-0.05	--	--	AV	92.00	150	Vertical	N/A
5	11662.099	50.11	20.25	74.0	-23.89	Peak	278.00	150	Vertical	Pass
5**	11662.099	38.21	20.25	54.0	-15.79	AV	278.00	150	Vertical	Pass
6	15575.287	55.05	23.58	74.0	-18.95	Peak	333.00	150	Vertical	Pass
6**	15575.287	43.56	23.58	54.0	-10.44	AV	333.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	52.02	-15.18	74.0	-21.98	Peak	44.00	150	Horizontal	Pass
1**	1499.300	34.81	-15.18	54.0	-19.19	AV	44.00	150	Horizontal	Pass
2	2100.200	51.14	-11.56	68.2	-17.06	Peak	314.00	150	Horizontal	Pass
2**	2100.200	35.54	-11.56	--	--	AV	314.00	150	Horizontal	N/A
3	4103.600	46.41	-4.38	74.0	-27.59	Peak	157.00	150	Horizontal	Pass
3**	4103.600	35.06	-4.38	54.0	-18.94	AV	157.00	150	Horizontal	Pass
4	5266.000	104.07	-0.69	--	--	Peak	3.00	150	Horizontal	N/A
4**	5266.000	96.70	-0.69	--	--	AV	3.00	150	Horizontal	N/A
5	11792.912	49.76	18.60	74.0	-24.24	Peak	251.00	150	Horizontal	Pass
5**	11792.912	38.50	18.60	54.0	-15.50	AV	251.00	150	Horizontal	Pass
6	15625.425	55.07	23.48	74.0	-18.93	Peak	3.00	150	Horizontal	Pass
6**	15625.425	43.64	23.48	54.0	-10.36	AV	3.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.800	44.68	-15.13	74.0	-29.32	Peak	137.00	150	Vertical	Pass
1**	1489.800	34.90	-15.13	54.0	-19.10	AV	137.00	150	Vertical	Pass
2	2101.600	49.72	-11.36	68.2	-18.48	Peak	362.00	150	Vertical	Pass
2**	2101.600	33.37	-11.36	--	--	AV	362.00	150	Vertical	N/A
3	4251.800	46.92	-3.19	74.0	-27.08	Peak	294.00	150	Vertical	Pass
3**	4251.800	36.57	-3.19	54.0	-17.43	AV	294.00	150	Vertical	Pass
4	5261.800	104.74	-1.03	--	--	Peak	97.00	150	Vertical	N/A
4**	5261.800	98.07	-1.03	--	--	AV	97.00	150	Vertical	N/A
5	11796.650	50.21	18.57	74.0	-23.79	Peak	217.00	150	Vertical	Pass
5**	11796.650	38.85	18.57	54.0	-15.15	AV	217.00	150	Vertical	Pass
6	15984.263	56.03	24.01	74.0	-17.97	Peak	70.00	150	Vertical	Pass
6**	15984.263	43.58	24.01	54.0	-10.42	AV	70.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.000	48.79	-15.13	74.0	-25.21	Peak	363.00	150	Horizontal	Pass
1**	1490.000	38.13	-15.13	54.0	-15.87	AV	363.00	150	Horizontal	Pass
2	2089.800	48.36	-11.88	68.2	-19.84	Peak	174.00	150	Horizontal	Pass
2**	2089.800	43.24	-11.88	--	--	AV	174.00	150	Horizontal	N/A
3	4112.400	47.41	-4.17	74.0	-26.59	Peak	83.00	150	Horizontal	Pass
3**	4112.400	34.04	-4.17	54.0	-19.96	AV	83.00	150	Horizontal	Pass
4	5303.400	103.89	0.33	--	--	Peak	8.00	150	Horizontal	N/A
4**	5303.400	97.26	0.33	--	--	AV	8.00	150	Horizontal	N/A
5	11617.825	49.24	20.23	74.0	-24.76	Peak	324.00	150	Horizontal	Pass
5**	11617.825	38.98	20.23	54.0	-15.02	AV	324.00	150	Horizontal	Pass
6	15636.975	55.49	23.55	74.0	-18.51	Peak	247.00	150	Horizontal	Pass
6**	15636.975	43.83	23.55	54.0	-10.17	AV	247.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.800	47.73	-15.13	74.0	-26.27	Peak	0.00	150	Vertical	Pass
1**	1489.800	33.68	-15.13	54.0	-20.32	AV	0.00	150	Vertical	Pass
2	2114.400	50.48	-11.69	68.2	-17.72	Peak	185.00	150	Vertical	Pass
2**	2114.400	33.56	-11.69	--	--	AV	185.00	150	Vertical	N/A
3	4175.200	47.06	-4.01	74.0	-26.94	Peak	189.00	150	Vertical	Pass
3**	4175.200	35.79	-4.01	54.0	-18.21	AV	189.00	150	Vertical	Pass
4	5303.800	104.57	0.34	--	--	Peak	110.00	150	Vertical	N/A
4**	5303.800	98.08	0.34	--	--	AV	110.00	150	Vertical	N/A
5	11153.512	50.03	18.62	74.0	-23.97	Peak	163.00	150	Vertical	Pass
5**	11153.512	37.12	18.62	54.0	-16.88	AV	163.00	150	Vertical	Pass
6	15490.237	55.63	23.81	74.0	-18.37	Peak	26.00	150	Vertical	Pass
6**	15490.237	44.55	23.81	54.0	-9.45	AV	26.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.100	50.07	-15.05	74.0	-23.93	Peak	38.00	150	Horizontal	Pass
1**	1508.100	39.56	-15.05	54.0	-14.44	AV	38.00	150	Horizontal	Pass
2	2099.100	46.62	-11.59	68.2	-21.58	Peak	184.00	150	Horizontal	Pass
2**	2099.100	35.49	-11.59	--	--	AV	184.00	150	Horizontal	N/A
3	4091.200	46.85	-4.48	74.0	-27.15	Peak	15.00	150	Horizontal	Pass
3**	4091.200	34.90	-4.48	54.0	-19.10	AV	15.00	150	Horizontal	Pass
4	5315.000	103.10	0.06	--	--	Peak	15.00	150	Horizontal	N/A
4**	5315.000	96.17	0.06	--	--	AV	15.00	150	Horizontal	N/A
5	11627.312	49.56	20.28	74.0	-24.44	Peak	218.00	150	Horizontal	Pass
5**	11627.312	38.50	20.28	54.0	-15.50	AV	218.00	150	Horizontal	Pass
6	15458.213	55.13	23.51	74.0	-18.87	Peak	324.00	150	Horizontal	Pass
6**	15458.213	42.79	23.51	54.0	-11.21	AV	324.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	47.29	-15.10	74.0	-26.71	Peak	157.00	150	Vertical	Pass
1**	1497.600	31.23	-15.10	54.0	-22.77	AV	157.00	150	Vertical	Pass
2	2106.600	46.27	-11.59	68.2	-21.93	Peak	168.00	150	Vertical	Pass
2**	2106.600	31.90	-11.59	--	--	AV	168.00	150	Vertical	N/A
3	4057.000	47.64	-3.91	74.0	-26.36	Peak	360.00	150	Vertical	Pass
3**	4057.000	35.05	-3.91	54.0	-18.95	AV	360.00	150	Vertical	Pass
4	5321.800	104.03	-0.08	--	--	Peak	110.00	150	Vertical	N/A
4**	5321.800	97.06	-0.08	--	--	AV	110.00	150	Vertical	N/A
5	11786.588	49.96	18.66	74.0	-24.04	Peak	280.00	150	Vertical	Pass
5**	11786.588	37.45	18.66	54.0	-16.55	AV	280.00	150	Vertical	Pass
6	15650.888	55.68	23.52	74.0	-18.32	Peak	139.00	150	Vertical	Pass
6**	15650.888	44.12	23.52	54.0	-9.88	AV	139.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.100	50.26	-15.13	74.0	-23.74	Peak	18.00	150	Horizontal	Pass
1**	1501.100	34.72	-15.13	54.0	-19.28	AV	18.00	150	Horizontal	Pass
2	2101.500	48.28	-11.37	68.2	-19.92	Peak	110.00	150	Horizontal	Pass
2**	2101.500	36.41	-11.37	--	--	AV	110.00	150	Horizontal	N/A
3	4227.800	47.35	-3.53	74.0	-26.65	Peak	53.00	150	Horizontal	Pass
3**	4227.800	34.71	-3.53	54.0	-19.29	AV	53.00	150	Horizontal	Pass
4	5277.200	102.08	-0.51	--	--	Peak	11.00	150	Horizontal	N/A
4**	5277.200	95.60	-0.51	--	--	AV	11.00	150	Horizontal	N/A
5	11608.050	51.48	20.17	74.0	-22.52	Peak	14.00	150	Horizontal	Pass
5**	11608.050	38.10	20.17	54.0	-15.90	AV	14.00	150	Horizontal	Pass
6	15948.037	55.47	23.94	74.0	-18.53	Peak	167.00	150	Horizontal	Pass
6**	15948.037	43.65	23.94	54.0	-10.35	AV	167.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	51.17	-15.20	74.0	-22.83	Peak	363.00	150	Vertical	Pass
1**	1500.200	43.82	-15.20	54.0	-10.18	AV	363.00	150	Vertical	Pass
2	2103.000	49.94	-11.56	68.2	-18.26	Peak	267.00	150	Vertical	Pass
2**	2103.000	38.78	-11.56	--	--	AV	267.00	150	Vertical	N/A
3	4138.000	46.96	-4.05	74.0	-27.04	Peak	302.00	150	Vertical	Pass
3**	4138.000	36.80	-4.05	54.0	-17.20	AV	302.00	150	Vertical	Pass
4	5267.400	102.53	-0.49	--	--	Peak	104.00	150	Vertical	N/A
4**	5267.400	95.90	-0.49	--	--	AV	104.00	150	Vertical	N/A
5	12091.912	49.85	19.33	74.0	-24.15	Peak	334.00	150	Vertical	Pass
5**	12091.912	37.30	19.33	54.0	-16.70	AV	334.00	150	Vertical	Pass
6	15660.862	54.62	23.46	74.0	-19.38	Peak	296.00	150	Vertical	Pass
6**	15660.862	43.88	23.46	54.0	-10.12	AV	296.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.600	49.68	-15.00	74.0	-24.32	Peak	104.00	150	Horizontal	Pass
1**	1502.600	50.67	-15.00	54.0	-3.33	AV	104.00	150	Horizontal	Pass
2	2100.400	45.55	-11.53	68.2	-22.65	Peak	173.00	150	Horizontal	Pass
2**	2100.400	33.93	-11.53	--	--	AV	173.00	150	Horizontal	N/A
3	4139.400	47.13	-4.04	74.0	-26.87	Peak	33.00	150	Horizontal	Pass
3**	4139.400	35.06	-4.04	54.0	-18.94	AV	33.00	150	Horizontal	Pass
4	5299.200	101.18	0.27	--	--	Peak	2.00	150	Horizontal	N/A
4**	5299.200	94.81	0.27	--	--	AV	2.00	150	Horizontal	N/A
5	11676.188	50.11	20.11	74.0	-23.89	Peak	127.00	150	Horizontal	Pass
5**	11676.188	39.53	20.11	54.0	-14.47	AV	127.00	150	Horizontal	Pass
6	15566.625	55.06	23.58	74.0	-18.94	Peak	53.00	150	Horizontal	Pass
6**	15566.625	43.57	23.58	54.0	-10.43	AV	53.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.400	46.87	-15.10	74.0	-27.13	Peak	271.00	150	Vertical	Pass
1**	1493.400	30.96	-15.10	54.0	-23.04	AV	271.00	150	Vertical	Pass
2	2100.200	44.34	-11.56	68.2	-23.86	Peak	120.00	150	Vertical	Pass
2**	2100.200	37.02	-11.56	--	--	AV	120.00	150	Vertical	N/A
3	4238.200	46.77	-3.35	74.0	-27.23	Peak	186.00	150	Vertical	Pass
3**	4238.200	35.38	-3.35	54.0	-18.62	AV	186.00	150	Vertical	Pass
4	5317.200	102.31	-0.03	--	--	Peak	100.00	150	Vertical	N/A
4**	5317.200	96.42	-0.03	--	--	AV	100.00	150	Vertical	N/A
5	12472.563	50.18	18.60	74.0	-23.82	Peak	81.00	150	Vertical	Pass
5**	12472.563	37.26	18.60	54.0	-16.74	AV	81.00	150	Vertical	Pass
6	15452.174	55.46	23.42	74.0	-18.54	Peak	46.00	150	Vertical	Pass
6**	15452.174	44.12	23.42	54.0	-9.88	AV	46.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.100	49.85	-15.13	74.0	-24.15	Peak	363.00	150	Horizontal	Pass
1**	1501.100	37.62	-15.13	54.0	-16.38	AV	363.00	150	Horizontal	Pass
2	2099.200	46.80	-11.60	68.2	-21.40	Peak	73.00	150	Horizontal	Pass
2**	2099.200	31.39	-11.60	--	--	AV	73.00	150	Horizontal	N/A
3	4269.600	48.45	-3.54	74.0	-25.55	Peak	137.00	150	Horizontal	Pass
3**	4269.600	35.43	-3.54	54.0	-18.57	AV	137.00	150	Horizontal	Pass
4	5263.400	103.93	-0.90	--	--	Peak	15.00	150	Horizontal	N/A
4**	5263.400	97.65	-0.90	--	--	AV	15.00	150	Horizontal	N/A
5	12338.013	50.09	19.80	74.0	-23.91	Peak	360.00	150	Horizontal	Pass
5**	12338.013	39.12	19.80	54.0	-14.88	AV	360.00	150	Horizontal	Pass
6	15755.625	55.25	23.32	74.0	-18.75	Peak	344.00	150	Horizontal	Pass
6**	15755.625	41.97	23.32	54.0	-12.03	AV	344.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	50.30	-15.18	74.0	-23.70	Peak	85.00	150	Vertical	Pass
1**	1499.200	31.86	-15.18	54.0	-22.14	AV	85.00	150	Vertical	Pass
2	2100.300	48.70	-11.54	68.2	-19.50	Peak	185.00	150	Vertical	Pass
2**	2100.300	34.48	-11.54	--	--	AV	185.00	150	Vertical	N/A
3	4027.000	47.12	-3.83	74.0	-26.88	Peak	2.00	150	Vertical	Pass
3**	4027.000	35.14	-3.83	54.0	-18.86	AV	2.00	150	Vertical	Pass
4	5254.400	104.45	-1.12	--	--	Peak	107.00	150	Vertical	N/A
4**	5254.400	98.92	-1.12	--	--	AV	107.00	150	Vertical	N/A
5	11692.287	50.18	19.92	74.0	-23.82	Peak	122.00	150	Vertical	Pass
5**	11692.287	38.89	19.92	54.0	-15.11	AV	122.00	150	Vertical	Pass
6	15547.725	55.64	23.63	74.0	-18.36	Peak	169.00	150	Vertical	Pass
6**	15547.725	43.67	23.63	54.0	-10.33	AV	169.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.800	49.30	-15.03	74.0	-24.70	Peak	111.00	150	Horizontal	Pass
1**	1496.800	39.95	-15.03	54.0	-14.05	AV	111.00	150	Horizontal	Pass
2	2106.400	43.60	-11.59	68.2	-24.60	Peak	309.00	150	Horizontal	Pass
2**	2106.400	33.40	-11.59	--	--	AV	309.00	150	Horizontal	N/A
3	4071.000	46.46	-3.95	74.0	-27.54	Peak	199.00	150	Horizontal	Pass
3**	4071.000	35.65	-3.95	54.0	-18.35	AV	199.00	150	Horizontal	Pass
4	5295.000	104.38	0.11	--	--	Peak	11.00	150	Horizontal	N/A
4**	5295.000	97.42	0.11	--	--	AV	11.00	150	Horizontal	N/A
5	11708.387	50.52	19.67	74.0	-23.48	Peak	195.00	150	Horizontal	Pass
5**	11708.387	37.90	19.67	54.0	-16.10	AV	195.00	150	Horizontal	Pass
6	15930.713	55.65	23.78	74.0	-18.35	Peak	360.00	150	Horizontal	Pass
6**	15930.713	43.34	23.78	54.0	-10.66	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	45.03	-15.19	74.0	-28.97	Peak	278.00	150	Vertical	Pass
1**	1500.000	34.91	-15.19	54.0	-19.09	AV	278.00	150	Vertical	Pass
2	2110.300	49.69	-11.70	68.2	-18.51	Peak	0.00	150	Vertical	Pass
2**	2110.300	40.67	-11.70	--	--	AV	0.00	150	Vertical	N/A
3	4036.000	47.66	-3.91	74.0	-26.34	Peak	360.00	150	Vertical	Pass
3**	4036.000	35.50	-3.91	54.0	-18.50	AV	360.00	150	Vertical	Pass
4	5303.800	104.74	0.34	--	--	Peak	111.00	150	Vertical	N/A
4**	5303.800	97.78	0.34	--	--	AV	111.00	150	Vertical	N/A
5	11811.599	50.23	18.46	74.0	-23.77	Peak	73.00	150	Vertical	Pass
5**	11811.599	37.69	18.46	54.0	-16.31	AV	73.00	150	Vertical	Pass
6	15484.987	55.06	23.73	74.0	-18.94	Peak	194.00	150	Vertical	Pass
6**	15484.987	44.04	23.73	54.0	-9.96	AV	194.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.900	48.34	-15.04	74.0	-25.66	Peak	0.00	150	Horizontal	Pass
1**	1496.900	33.50	-15.04	54.0	-20.50	AV	0.00	150	Horizontal	Pass
2	2099.900	51.46	-11.60	68.2	-16.74	Peak	0.00	150	Horizontal	Pass
2**	2099.900	35.36	-11.60	--	--	AV	0.00	150	Horizontal	N/A
3	4002.000	46.45	-4.60	74.0	-27.55	Peak	177.00	150	Horizontal	Pass
3**	4002.000	34.66	-4.60	54.0	-19.34	AV	177.00	150	Horizontal	Pass
4	5317.600	102.94	0.01	--	--	Peak	13.00	150	Horizontal	N/A
4**	5317.600	95.50	0.01	--	--	AV	13.00	150	Horizontal	N/A
5	12367.912	50.89	19.54	74.0	-23.11	Peak	108.00	150	Horizontal	Pass
5**	12367.912	37.93	19.54	54.0	-16.07	AV	108.00	150	Horizontal	Pass
6	15685.276	54.97	23.59	74.0	-19.03	Peak	360.00	150	Horizontal	Pass
6**	15685.276	45.14	23.59	54.0	-8.86	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.200	51.90	-15.12	74.0	-22.10	Peak	70.00	150	Vertical	Pass
1**	1501.200	38.31	-15.12	54.0	-15.69	AV	70.00	150	Vertical	Pass
2	2089.900	46.52	-11.87	68.2	-21.68	Peak	246.00	150	Vertical	Pass
2**	2089.900	37.31	-11.87	--	--	AV	246.00	150	Vertical	N/A
3	4237.600	47.23	-3.32	74.0	-26.77	Peak	81.00	150	Vertical	Pass
3**	4237.600	35.08	-3.32	54.0	-18.92	AV	81.00	150	Vertical	Pass
4	5318.600	104.11	0.11	--	--	Peak	111.00	150	Vertical	N/A
4**	5318.600	97.19	0.11	--	--	AV	111.00	150	Vertical	N/A
5	11700.050	51.03	19.82	74.0	-22.97	Peak	40.00	150	Vertical	Pass
5**	11700.050	37.33	19.82	54.0	-16.67	AV	40.00	150	Vertical	Pass
6	15988.725	55.57	24.01	74.0	-18.43	Peak	54.00	150	Vertical	Pass
6**	15988.725	43.66	24.01	54.0	-10.34	AV	54.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	48.86	-15.20	74.0	-25.14	Peak	46.00	150	Horizontal	Pass
1**	1500.300	37.97	-15.20	54.0	-16.03	AV	46.00	150	Horizontal	Pass
2	2100.000	52.05	-11.58	68.2	-16.15	Peak	322.00	150	Horizontal	Pass
2**	2100.000	35.58	-11.58	--	--	AV	322.00	150	Horizontal	N/A
3	4033.200	46.77	-4.04	74.0	-27.23	Peak	242.00	150	Horizontal	Pass
3**	4033.200	34.57	-4.04	54.0	-19.43	AV	242.00	150	Horizontal	Pass
4	5283.600	102.67	-0.31	--	--	Peak	11.00	150	Horizontal	N/A
4**	5283.600	95.38	-0.31	--	--	AV	11.00	150	Horizontal	N/A
5	12311.850	50.23	19.94	74.0	-23.77	Peak	181.00	150	Horizontal	Pass
5**	12311.850	37.31	19.94	54.0	-16.69	AV	181.00	150	Horizontal	Pass
6	15546.937	55.44	23.64	74.0	-18.56	Peak	157.00	150	Horizontal	Pass
6**	15546.937	43.38	23.64	54.0	-10.62	AV	157.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	44.39	-15.19	74.0	-29.61	Peak	0.00	150	Vertical	Pass
1**	1499.900	36.81	-15.19	54.0	-17.19	AV	0.00	150	Vertical	Pass
2	2089.100	45.84	-11.90	68.2	-22.36	Peak	30.00	150	Vertical	Pass
2**	2089.100	36.99	-11.90	--	--	AV	30.00	150	Vertical	N/A
3	4062.800	47.02	-3.88	74.0	-26.98	Peak	169.00	150	Vertical	Pass
3**	4062.800	36.04	-3.88	54.0	-17.96	AV	169.00	150	Vertical	Pass
4	5273.800	102.35	-0.61	--	--	Peak	107.00	150	Vertical	N/A
4**	5273.800	95.55	-0.61	--	--	AV	107.00	150	Vertical	N/A
5	11882.613	50.72	18.06	74.0	-23.28	Peak	301.00	150	Vertical	Pass
5**	11882.613	36.81	18.06	54.0	-17.19	AV	301.00	150	Vertical	Pass
6	15961.687	55.29	23.99	74.0	-18.71	Peak	86.00	150	Vertical	Pass
6**	15961.687	42.82	23.99	54.0	-11.18	AV	86.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	47.22	-15.16	74.0	-26.78	Peak	199.00	150	Horizontal	Pass
1**	1498.500	34.28	-15.16	54.0	-19.72	AV	199.00	150	Horizontal	Pass
2	2090.200	49.37	-11.86	68.2	-18.83	Peak	281.00	150	Horizontal	Pass
2**	2090.200	30.37	-11.86	--	--	AV	281.00	150	Horizontal	N/A
3	4045.000	46.89	-3.93	74.0	-27.11	Peak	59.00	150	Horizontal	Pass
3**	4045.000	36.00	-3.93	54.0	-18.00	AV	59.00	150	Horizontal	Pass
4	5302.800	102.20	0.31	--	--	Peak	11.00	150	Horizontal	N/A
4**	5302.800	94.92	0.31	--	--	AV	11.00	150	Horizontal	N/A
5	11633.063	49.50	20.32	74.0	-24.50	Peak	12.00	150	Horizontal	Pass
5**	11633.063	38.40	20.32	54.0	-15.60	AV	12.00	150	Horizontal	Pass
6	15480.787	54.68	23.66	74.0	-19.32	Peak	325.00	150	Horizontal	Pass
6**	15480.787	43.00	23.66	54.0	-11.00	AV	325.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.300	50.43	-15.18	74.0	-23.57	Peak	31.00	150	Vertical	Pass
1**	1499.300	29.98	-15.18	54.0	-24.02	AV	31.00	150	Vertical	Pass
2	2777.500	41.88	-8.63	74.0	-32.12	Peak	363.00	150	Vertical	Pass
2**	2777.500	32.81	-8.63	54.0	-21.19	AV	363.00	150	Vertical	Pass
3	4069.600	47.36	-3.80	74.0	-26.64	Peak	304.00	150	Vertical	Pass
3**	4069.600	35.43	-3.80	54.0	-18.57	AV	304.00	150	Vertical	Pass
4	5300.000	102.90	0.27	--	--	Peak	110.00	150	Vertical	N/A
4**	5300.000	94.08	0.27	--	--	AV	110.00	150	Vertical	N/A
5	12166.950	49.77	20.12	74.0	-24.23	Peak	360.00	150	Vertical	Pass
5**	12166.950	39.55	20.12	54.0	-14.45	AV	360.00	150	Vertical	Pass
6	15646.425	55.23	23.54	74.0	-18.77	Peak	253.00	150	Vertical	Pass
6**	15646.425	42.88	23.54	54.0	-11.12	AV	253.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.700	49.42	-15.00	74.0	-24.58	Peak	0.00	150	Horizontal	Pass
1**	1502.700	44.70	-15.00	54.0	-9.30	AV	0.00	150	Horizontal	Pass
2	2099.000	47.43	-11.58	68.2	-20.77	Peak	61.00	150	Horizontal	Pass
2**	2099.000	33.54	-11.58	--	--	AV	61.00	150	Horizontal	N/A
3	4056.600	46.80	-3.90	74.0	-27.20	Peak	322.00	150	Horizontal	Pass
3**	4056.600	35.57	-3.90	54.0	-18.43	AV	322.00	150	Horizontal	Pass
4	5299.400	98.78	0.27	--	--	Peak	17.00	150	Horizontal	N/A
4**	5299.400	92.01	0.27	--	--	AV	17.00	150	Horizontal	N/A
5	12345.487	50.24	19.74	74.0	-23.76	Peak	202.00	150	Horizontal	Pass
5**	12345.487	39.44	19.74	54.0	-14.56	AV	202.00	150	Horizontal	Pass
6	15918.900	55.32	23.62	74.0	-18.68	Peak	138.00	150	Horizontal	Pass
6**	15918.900	43.90	23.62	54.0	-10.10	AV	138.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.500	47.61	-15.14	74.0	-26.39	Peak	363.00	150	Vertical	Pass
1**	1489.500	33.88	-15.14	54.0	-20.12	AV	363.00	150	Vertical	Pass
2	2099.900	51.51	-11.60	68.2	-16.69	Peak	189.00	150	Vertical	Pass
2**	2099.900	43.23	-11.60	--	--	AV	189.00	150	Vertical	N/A
3	4156.000	47.48	-3.51	74.0	-26.52	Peak	360.00	150	Vertical	Pass
3**	4156.000	34.79	-3.51	54.0	-19.21	AV	360.00	150	Vertical	Pass
4	5303.000	99.16	0.32	--	--	Peak	108.00	150	Vertical	N/A
4**	5303.000	92.24	0.32	--	--	AV	108.00	150	Vertical	N/A
5	12342.038	51.39	19.77	74.0	-22.61	Peak	33.00	150	Vertical	Pass
5**	12342.038	38.57	19.77	54.0	-15.43	AV	33.00	150	Vertical	Pass
6	15619.387	54.82	23.45	74.0	-19.18	Peak	360.00	150	Vertical	Pass
6**	15619.387	43.69	23.45	54.0	-10.31	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	39.62	-15.34	74.0	-34.38	Peak	223.00	150	Horizontal	Pass
1**	1125.100	36.35	-15.34	54.0	-17.65	AV	223.00	150	Horizontal	Pass
2	1500.500	49.20	-15.18	74.0	-24.80	Peak	350.00	150	Horizontal	Pass
2**	1500.500	36.41	-15.18	54.0	-17.59	AV	350.00	150	Horizontal	Pass
3	3967.600	46.80	-4.11	74.0	-27.20	Peak	293.00	150	Horizontal	Pass
3**	3967.600	34.73	-4.11	54.0	-19.27	AV	293.00	150	Horizontal	Pass
4	5497.200	99.63	0.60	--	--	Peak	348.00	150	Horizontal	N/A
4**	5497.200	93.40	0.60	--	--	AV	348.00	150	Horizontal	N/A
5	11859.613	49.27	18.09	74.0	-24.73	Peak	0.00	150	Horizontal	Pass
5**	11859.613	39.25	18.09	54.0	-14.75	AV	0.00	150	Horizontal	Pass
6	15914.700	54.57	23.55	74.0	-19.43	Peak	360.00	150	Horizontal	Pass
6**	15914.700	42.46	23.55	54.0	-11.54	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	41.45	-15.35	74.0	-32.55	Peak	52.00	150	Vertical	Pass
1**	1125.000	38.36	-15.35	54.0	-15.64	AV	52.00	150	Vertical	Pass
2	1500.200	47.21	-15.20	74.0	-26.79	Peak	14.00	150	Vertical	Pass
2**	1500.200	46.41	-15.20	54.0	-7.59	AV	14.00	150	Vertical	Pass
3	3990.200	46.92	-4.39	74.0	-27.08	Peak	0.00	150	Vertical	Pass
3**	3990.200	34.85	-4.39	54.0	-19.15	AV	0.00	150	Vertical	Pass
4	5504.000	100.65	0.49	--	--	Peak	112.00	150	Vertical	N/A
4**	5504.000	94.91	0.49	--	--	AV	112.00	150	Vertical	N/A
5	11728.224	50.03	19.30	74.0	-23.97	Peak	19.00	150	Vertical	Pass
5**	11728.224	37.67	19.30	54.0	-16.33	AV	19.00	150	Vertical	Pass
6	15458.213	54.71	23.51	74.0	-19.29	Peak	35.00	150	Vertical	Pass
6**	15458.213	42.42	23.51	54.0	-11.58	AV	35.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.000	52.41	-15.01	74.0	-21.59	Peak	19.00	150	Horizontal	Pass
1**	1503.000	40.78	-15.01	54.0	-13.22	AV	19.00	150	Horizontal	Pass
2	2856.700	41.90	-7.72	74.0	-32.10	Peak	19.00	150	Horizontal	Pass
2**	2856.700	33.34	-7.72	54.0	-20.66	AV	19.00	150	Horizontal	Pass
3	4173.400	46.55	-3.88	74.0	-27.45	Peak	182.00	150	Horizontal	Pass
3**	4173.400	35.62	-3.88	54.0	-18.38	AV	182.00	150	Horizontal	Pass
4	5586.400	99.98	0.79	--	--	Peak	15.00	150	Horizontal	N/A
4**	5586.400	93.54	0.79	--	--	AV	15.00	150	Horizontal	N/A
5	11672.162	49.53	20.15	74.0	-24.47	Peak	216.00	150	Horizontal	Pass
5**	11672.162	38.56	20.15	54.0	-15.44	AV	216.00	150	Horizontal	Pass
6	15545.099	54.53	23.65	74.0	-19.47	Peak	323.00	150	Horizontal	Pass
6**	15545.099	43.76	23.65	54.0	-10.24	AV	323.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	40.76	-15.35	74.0	-33.24	Peak	49.00	150	Vertical	Pass
1**	1125.000	38.83	-15.35	54.0	-15.17	AV	49.00	150	Vertical	Pass
2	1510.100	46.84	-15.02	74.0	-27.16	Peak	88.00	150	Vertical	Pass
2**	1510.100	42.54	-15.02	54.0	-11.46	AV	88.00	150	Vertical	Pass
3	4072.800	46.10	-4.07	74.0	-27.90	Peak	230.00	150	Vertical	Pass
3**	4072.800	34.34	-4.07	54.0	-19.66	AV	230.00	150	Vertical	Pass
4	5575.400	100.27	0.69	--	--	Peak	133.00	150	Vertical	N/A
4**	5575.400	93.28	0.69	--	--	AV	133.00	150	Vertical	N/A
5	11778.250	48.58	18.72	74.0	-25.42	Peak	172.00	150	Vertical	Pass
5**	11778.250	36.94	18.72	54.0	-17.06	AV	172.00	150	Vertical	Pass
6	15564.787	54.61	23.58	74.0	-19.39	Peak	100.00	150	Vertical	Pass
6**	15564.787	42.75	23.58	54.0	-11.25	AV	100.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.400	49.96	-15.10	74.0	-24.04	Peak	25.00	150	Horizontal	Pass
1**	1493.400	34.49	-15.10	54.0	-19.51	AV	25.00	150	Horizontal	Pass
2	2781.200	41.47	-8.74	74.0	-32.53	Peak	232.00	150	Horizontal	Pass
2**	2781.200	31.21	-8.74	54.0	-22.79	AV	232.00	150	Horizontal	Pass
3	4958.200	49.86	-1.80	74.0	-24.14	Peak	0.00	150	Horizontal	Pass
3**	4958.200	37.26	-1.80	54.0	-16.74	AV	0.00	150	Horizontal	Pass
4	5698.800	98.89	-0.82	--	--	Peak	64.00	150	Horizontal	N/A
4**	5698.800	92.68	-0.82	--	--	AV	64.00	150	Horizontal	N/A
5	12222.437	49.15	20.45	74.0	-24.85	Peak	352.00	150	Horizontal	Pass
5**	12222.437	37.22	20.45	54.0	-16.78	AV	352.00	150	Horizontal	Pass
6	15509.401	53.48	23.88	74.0	-20.52	Peak	113.00	150	Horizontal	Pass
6**	15509.401	42.62	23.88	54.0	-11.38	AV	113.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.87	-15.34	74.0	-33.13	Peak	41.00	150	Vertical	Pass
1**	1125.100	38.80	-15.34	54.0	-15.20	AV	41.00	150	Vertical	Pass
2	1502.200	46.91	-15.02	74.0	-27.09	Peak	355.00	150	Vertical	Pass
2**	1502.200	34.57	-15.02	54.0	-19.43	AV	355.00	150	Vertical	Pass
3	3986.600	46.71	-4.35	74.0	-27.29	Peak	255.00	150	Vertical	Pass
3**	3986.600	34.56	-4.35	54.0	-19.44	AV	255.00	150	Vertical	Pass
4	5698.600	99.56	-0.80	--	--	Peak	330.00	150	Vertical	N/A
4**	5698.600	92.27	-0.80	--	--	AV	330.00	150	Vertical	N/A
5	12224.737	49.04	20.44	74.0	-24.96	Peak	58.00	150	Vertical	Pass
5**	12224.737	37.36	20.44	54.0	-16.64	AV	58.00	150	Vertical	Pass
6	15988.987	54.25	24.01	74.0	-19.75	Peak	59.00	150	Vertical	Pass
6**	15988.987	42.72	24.01	54.0	-11.28	AV	59.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	38.73	-15.34	74.0	-35.27	Peak	336.00	150	Horizontal	Pass
1**	1125.100	35.99	-15.34	54.0	-18.01	AV	336.00	150	Horizontal	Pass
2	1498.500	50.65	-15.16	74.0	-23.35	Peak	36.00	150	Horizontal	Pass
2**	1498.500	34.74	-15.16	54.0	-19.26	AV	36.00	150	Horizontal	Pass
3	3960.000	45.64	-4.48	74.0	-28.36	Peak	104.00	150	Horizontal	Pass
3**	3960.000	32.96	-4.48	54.0	-21.04	AV	104.00	150	Horizontal	Pass
4	5501.400	98.42	0.47	--	--	Peak	345.00	150	Horizontal	N/A
4**	5501.400	91.63	0.47	--	--	AV	345.00	150	Horizontal	N/A
5	12198.287	49.16	20.42	74.0	-24.84	Peak	37.00	150	Horizontal	Pass
5**	12198.287	38.24	20.42	54.0	-15.76	AV	37.00	150	Horizontal	Pass
6	15680.026	53.46	23.59	74.0	-20.54	Peak	87.00	150	Horizontal	Pass
6**	15680.026	41.60	23.59	54.0	-12.40	AV	87.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	47.21	-15.17	74.0	-26.79	Peak	275.00	150	Vertical	Pass
1**	1499.000	35.67	-15.17	54.0	-18.33	AV	275.00	150	Vertical	Pass
2	2784.500	41.17	-8.79	74.0	-32.83	Peak	174.00	150	Vertical	Pass
2**	2784.500	30.71	-8.79	54.0	-23.29	AV	174.00	150	Vertical	Pass
3	4025.200	46.59	-3.89	74.0	-27.41	Peak	103.00	150	Vertical	Pass
3**	4025.200	34.45	-3.89	54.0	-19.55	AV	103.00	150	Vertical	Pass
4	5503.000	98.57	0.48	--	--	Peak	127.00	150	Vertical	N/A
4**	5503.000	92.21	0.48	--	--	AV	127.00	150	Vertical	N/A
5	12109.162	48.76	19.51	74.0	-25.24	Peak	238.00	150	Vertical	Pass
5**	12109.162	37.51	19.51	54.0	-16.49	AV	238.00	150	Vertical	Pass
6	15644.849	55.12	23.54	74.0	-18.88	Peak	49.00	150	Vertical	Pass
6**	15644.849	42.51	23.54	54.0	-11.49	AV	49.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	49.96	-15.10	74.0	-24.04	Peak	28.00	150	Horizontal	Pass
1**	1497.600	31.80	-15.10	54.0	-22.20	AV	28.00	150	Horizontal	Pass
2	2857.400	42.19	-7.72	74.0	-31.81	Peak	60.00	150	Horizontal	Pass
2**	2857.400	31.03	-7.72	54.0	-22.97	AV	60.00	150	Horizontal	Pass
3	4807.800	49.38	-1.36	74.0	-24.62	Peak	121.00	150	Horizontal	Pass
3**	4807.800	37.26	-1.36	54.0	-16.74	AV	121.00	150	Horizontal	Pass
4	5583.000	100.86	0.75	--	--	Peak	16.00	150	Horizontal	N/A
4**	5583.000	92.11	0.75	--	--	AV	16.00	150	Horizontal	N/A
5	11607.763	48.14	20.17	74.0	-25.86	Peak	34.00	150	Horizontal	Pass
5**	11607.763	38.32	20.17	54.0	-15.68	AV	34.00	150	Horizontal	Pass
6	15749.325	53.19	23.36	74.0	-20.81	Peak	100.00	150	Horizontal	Pass
6**	15749.325	42.25	23.36	54.0	-11.75	AV	100.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	40.40	-15.35	74.0	-33.60	Peak	40.00	150	Vertical	Pass
1**	1125.000	37.85	-15.35	54.0	-16.15	AV	40.00	150	Vertical	Pass
2	1500.500	47.91	-15.18	74.0	-26.09	Peak	-3.00	150	Vertical	Pass
2**	1500.500	31.08	-15.18	54.0	-22.92	AV	-3.00	150	Vertical	Pass
3	4149.400	45.76	-3.49	74.0	-28.24	Peak	256.00	150	Vertical	Pass
3**	4149.400	34.82	-3.49	54.0	-19.18	AV	256.00	150	Vertical	Pass
4	5587.200	98.69	0.80	--	--	Peak	115.00	150	Vertical	N/A
4**	5587.200	92.14	0.80	--	--	AV	115.00	150	Vertical	N/A
5	11867.662	48.62	18.08	74.0	-25.38	Peak	292.00	150	Vertical	Pass
5**	11867.662	36.76	18.08	54.0	-17.24	AV	292.00	150	Vertical	Pass
6	15947.250	52.77	23.94	74.0	-21.23	Peak	68.00	150	Vertical	Pass
6**	15947.250	42.24	23.94	54.0	-11.76	AV	68.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1001.700	41.76	-14.30	74.0	-32.24	Peak	308.00	150	Horizontal	Pass
1**	1001.700	28.84	-14.30	54.0	-25.16	AV	308.00	150	Horizontal	Pass
2	1500.200	49.16	-15.20	74.0	-24.84	Peak	29.00	150	Horizontal	Pass
2**	1500.200	37.72	-15.20	54.0	-16.28	AV	29.00	150	Horizontal	Pass
3	4106.000	46.36	-4.32	74.0	-27.64	Peak	223.00	150	Horizontal	Pass
3**	4106.000	35.47	-4.32	54.0	-18.53	AV	223.00	150	Horizontal	Pass
4	5697.000	98.30	-0.69	--	--	Peak	64.00	150	Horizontal	N/A
4**	5697.000	91.38	-0.69	--	--	AV	64.00	150	Horizontal	N/A
5	12181.037	49.00	20.27	74.0	-25.00	Peak	72.00	150	Horizontal	Pass
5**	12181.037	37.03	20.27	54.0	-16.97	AV	72.00	150	Horizontal	Pass
6	15970.875	53.91	24.00	74.0	-20.09	Peak	267.00	150	Horizontal	Pass
6**	15970.875	41.40	24.00	54.0	-12.60	AV	267.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	40.89	-15.35	74.0	-33.11	Peak	39.00	150	Vertical	Pass
1**	1125.000	38.19	-15.35	54.0	-15.81	AV	39.00	150	Vertical	Pass
2	1497.400	44.41	-15.08	74.0	-29.59	Peak	79.00	150	Vertical	Pass
2**	1497.400	29.71	-15.08	54.0	-24.29	AV	79.00	150	Vertical	Pass
3	3984.200	46.10	-4.28	74.0	-27.90	Peak	191.00	150	Vertical	Pass
3**	3984.200	33.95	-4.28	54.0	-20.05	AV	191.00	150	Vertical	Pass
4	5697.000	98.07	-0.69	--	--	Peak	325.00	150	Vertical	N/A
4**	5697.000	91.34	-0.69	--	--	AV	325.00	150	Vertical	N/A
5	11583.901	48.09	19.94	74.0	-25.91	Peak	326.00	150	Vertical	Pass
5**	11583.901	35.97	19.94	54.0	-18.03	AV	326.00	150	Vertical	Pass
6	15468.450	54.23	23.58	74.0	-19.77	Peak	115.00	150	Vertical	Pass
6**	15468.450	42.04	23.58	54.0	-11.96	AV	115.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1049.400	43.27	-15.12	74.0	-30.73	Peak	174.00	150	Horizontal	Pass
1**	1049.400	26.07	-15.12	54.0	-27.93	AV	174.00	150	Horizontal	Pass
2	1501.300	50.15	-15.11	74.0	-23.85	Peak	105.00	150	Horizontal	Pass
2**	1501.300	39.24	-15.11	54.0	-14.76	AV	105.00	150	Horizontal	Pass
3	4240.800	46.99	-3.38	74.0	-27.01	Peak	344.00	150	Horizontal	Pass
3**	4240.800	35.55	-3.38	54.0	-18.45	AV	344.00	150	Horizontal	Pass
4	5517.000	96.94	0.33	--	--	Peak	334.00	150	Horizontal	N/A
4**	5517.000	90.11	0.33	--	--	AV	334.00	150	Horizontal	N/A
5	11029.313	48.46	18.88	74.0	-25.54	Peak	161.00	150	Horizontal	Pass
5**	11029.313	35.18	18.88	54.0	-18.82	AV	161.00	150	Horizontal	Pass
6	15434.849	53.04	23.23	74.0	-20.96	Peak	120.00	150	Horizontal	Pass
6**	15434.849	41.78	23.23	54.0	-12.22	AV	120.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.80	-15.34	74.0	-33.20	Peak	42.00	150	Vertical	Pass
1**	1125.100	38.28	-15.34	54.0	-15.72	AV	42.00	150	Vertical	Pass
2	1499.900	50.82	-15.19	74.0	-23.18	Peak	102.00	150	Vertical	Pass
2**	1499.900	32.22	-15.19	54.0	-21.78	AV	102.00	150	Vertical	Pass
3	3925.800	45.95	-4.62	74.0	-28.05	Peak	14.00	150	Vertical	Pass
3**	3925.800	33.73	-4.62	54.0	-20.27	AV	14.00	150	Vertical	Pass
4	5516.600	96.63	0.32	--	--	Peak	119.00	150	Vertical	N/A
4**	5516.600	89.54	0.32	--	--	AV	119.00	150	Vertical	N/A
5	12367.050	48.88	19.55	74.0	-25.12	Peak	44.00	150	Vertical	Pass
5**	12367.050	38.23	19.55	54.0	-15.77	AV	44.00	150	Vertical	Pass
6	15692.363	53.20	23.58	74.0	-20.80	Peak	53.00	150	Vertical	Pass
6**	15692.363	41.67	23.58	54.0	-12.33	AV	53.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.300	51.15	-14.86	74.0	-22.85	Peak	2.00	150	Horizontal	Pass
1**	1512.300	30.87	-14.86	54.0	-23.13	AV	2.00	150	Horizontal	Pass
2	2699.800	45.69	-9.50	74.0	-28.31	Peak	287.00	150	Horizontal	Pass
2**	2699.800	29.69	-9.50	54.0	-24.31	AV	287.00	150	Horizontal	Pass
3	4841.600	48.82	-1.30	74.0	-25.18	Peak	86.00	150	Horizontal	Pass
3**	4841.600	36.47	-1.30	54.0	-17.53	AV	86.00	150	Horizontal	Pass
4	5598.000	97.62	0.33	--	--	Peak	14.00	150	Horizontal	N/A
4**	5598.000	89.89	0.33	--	--	AV	14.00	150	Horizontal	N/A
5	12299.775	48.93	19.98	74.0	-25.07	Peak	341.00	150	Horizontal	Pass
5**	12299.775	37.24	19.98	54.0	-16.76	AV	341.00	150	Horizontal	Pass
6	15735.675	53.72	23.48	74.0	-20.28	Peak	12.00	150	Horizontal	Pass
6**	15735.675	41.95	23.48	54.0	-12.05	AV	12.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.96	-15.34	74.0	-33.04	Peak	45.00	150	Vertical	Pass
1**	1125.100	38.68	-15.34	54.0	-15.32	AV	45.00	150	Vertical	Pass
2	1499.900	49.77	-15.19	74.0	-24.23	Peak	85.00	150	Vertical	Pass
2**	1499.900	41.31	-15.19	54.0	-12.69	AV	85.00	150	Vertical	Pass
3	4228.000	46.72	-3.51	74.0	-27.28	Peak	348.00	150	Vertical	Pass
3**	4228.000	35.11	-3.51	54.0	-18.89	AV	348.00	150	Vertical	Pass
4	5582.600	97.41	0.80	--	--	Peak	128.00	150	Vertical	N/A
4**	5582.600	90.09	0.80	--	--	AV	128.00	150	Vertical	N/A
5	11540.487	49.10	19.62	74.0	-24.90	Peak	144.00	150	Vertical	Pass
5**	11540.487	36.58	19.62	54.0	-17.42	AV	144.00	150	Vertical	Pass
6	15661.125	53.30	23.47	74.0	-20.70	Peak	107.00	150	Vertical	Pass
6**	15661.125	42.41	23.47	54.0	-11.59	AV	107.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	38.87	-15.35	74.0	-35.13	Peak	324.00	150	Horizontal	Pass
1**	1125.000	35.15	-15.35	54.0	-18.85	AV	324.00	150	Horizontal	Pass
2	1500.400	50.66	-15.19	74.0	-23.34	Peak	27.00	150	Horizontal	Pass
2**	1500.400	44.00	-15.19	54.0	-10.00	AV	27.00	150	Horizontal	Pass
3	4283.800	47.49	-3.78	74.0	-26.51	Peak	257.00	150	Horizontal	Pass
3**	4283.800	34.55	-3.78	54.0	-19.45	AV	257.00	150	Horizontal	Pass
4	5677.600	96.08	-0.17	--	--	Peak	23.00	150	Horizontal	N/A
4**	5677.600	89.07	-0.17	--	--	AV	23.00	150	Horizontal	N/A
5	10868.312	48.30	18.34	74.0	-25.70	Peak	195.00	150	Horizontal	Pass
5**	10868.312	36.00	18.34	54.0	-18.00	AV	195.00	150	Horizontal	Pass
6	15678.188	53.91	23.58	74.0	-20.09	Peak	228.00	150	Horizontal	Pass
6**	15678.188	41.85	23.58	54.0	-12.15	AV	228.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.200	41.39	-15.33	74.0	-32.61	Peak	34.00	150	Vertical	Pass
1**	1125.200	38.36	-15.33	54.0	-15.64	AV	34.00	150	Vertical	Pass
2	1505.000	44.54	-15.08	74.0	-29.46	Peak	74.00	150	Vertical	Pass
2**	1505.000	32.76	-15.08	54.0	-21.24	AV	74.00	150	Vertical	Pass
3	4235.800	45.96	-3.42	74.0	-28.04	Peak	311.00	150	Vertical	Pass
3**	4235.800	34.35	-3.42	54.0	-19.65	AV	311.00	150	Vertical	Pass
4	5674.000	96.96	-0.08	--	--	Peak	275.00	150	Vertical	N/A
4**	5674.000	89.44	-0.08	--	--	AV	275.00	150	Vertical	N/A
5	11667.276	48.06	20.20	74.0	-25.94	Peak	314.00	150	Vertical	Pass
5**	11667.276	37.22	20.20	54.0	-16.78	AV	314.00	150	Vertical	Pass
6	15607.312	53.38	23.51	74.0	-20.62	Peak	91.00	150	Vertical	Pass
6**	15607.312	42.50	23.51	54.0	-11.50	AV	91.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.000	41.25	-14.35	74.0	-32.75	Peak	180.00	150	Horizontal	Pass
1**	1000.000	36.59	-14.35	54.0	-17.41	AV	180.00	150	Horizontal	Pass
2	1501.500	48.89	-15.09	74.0	-25.11	Peak	26.00	150	Horizontal	Pass
2**	1501.500	33.01	-15.09	54.0	-20.99	AV	26.00	150	Horizontal	Pass
3	3982.800	46.68	-4.26	74.0	-27.32	Peak	209.00	150	Horizontal	Pass
3**	3982.800	34.54	-4.26	54.0	-19.46	AV	209.00	150	Horizontal	Pass
4	5500.200	98.78	0.48	--	--	Peak	334.00	150	Horizontal	N/A
4**	5500.200	91.42	0.48	--	--	AV	334.00	150	Horizontal	N/A
5	11681.937	47.89	20.04	74.0	-26.11	Peak	112.00	150	Horizontal	Pass
5**	11681.937	37.12	20.04	54.0	-16.88	AV	112.00	150	Horizontal	Pass
6	16018.912	53.03	23.97	74.0	-20.97	Peak	53.00	150	Horizontal	Pass
6**	16018.912	41.37	23.97	54.0	-12.63	AV	53.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.83	-15.34	74.0	-33.17	Peak	45.00	150	Vertical	Pass
1**	1125.100	39.12	-15.34	54.0	-14.88	AV	45.00	150	Vertical	Pass
2	1499.300	48.97	-15.18	74.0	-25.03	Peak	347.00	150	Vertical	Pass
2**	1499.300	29.47	-15.18	54.0	-24.53	AV	347.00	150	Vertical	Pass
3	4251.400	47.09	-3.19	74.0	-26.91	Peak	97.00	150	Vertical	Pass
3**	4251.400	36.20	-3.19	54.0	-17.80	AV	97.00	150	Vertical	Pass
4	5507.400	99.29	0.25	--	--	Peak	125.00	150	Vertical	N/A
4**	5507.400	92.09	0.25	--	--	AV	125.00	150	Vertical	N/A
5	11596.838	47.93	20.09	74.0	-26.07	Peak	80.00	150	Vertical	Pass
5**	11596.838	36.20	20.09	54.0	-17.80	AV	80.00	150	Vertical	Pass
6	15940.950	53.83	23.91	74.0	-20.17	Peak	158.00	150	Vertical	Pass
6**	15940.950	41.93	23.91	54.0	-12.07	AV	158.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	39.37	-15.35	74.0	-34.63	Peak	211.00	150	Horizontal	Pass
1**	1125.000	36.13	-15.35	54.0	-17.87	AV	211.00	150	Horizontal	Pass
2	1497.500	48.87	-15.09	74.0	-25.13	Peak	9.00	150	Horizontal	Pass
2**	1497.500	34.42	-15.09	54.0	-19.58	AV	9.00	150	Horizontal	Pass
3	5001.000	49.36	-0.91	74.0	-24.64	Peak	26.00	150	Horizontal	Pass
3**	5001.000	37.57	-0.91	54.0	-16.43	AV	26.00	150	Horizontal	Pass
4	5575.600	98.76	0.69	--	--	Peak	341.00	150	Horizontal	N/A
4**	5575.600	92.24	0.69	--	--	AV	341.00	150	Horizontal	N/A
5	11515.475	48.74	19.38	74.0	-25.26	Peak	0.00	150	Horizontal	Pass
5**	11515.475	35.66	19.38	54.0	-18.34	AV	0.00	150	Horizontal	Pass
6	15923.363	53.18	23.69	74.0	-20.82	Peak	40.00	150	Horizontal	Pass
6**	15923.363	42.38	23.69	54.0	-11.62	AV	40.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	40.68	-15.35	74.0	-33.32	Peak	45.00	150	Vertical	Pass
1**	1125.000	37.71	-15.35	54.0	-16.29	AV	45.00	150	Vertical	Pass
2	1498.800	49.54	-15.17	74.0	-24.46	Peak	79.00	150	Vertical	Pass
2**	1498.800	41.12	-15.17	54.0	-12.88	AV	79.00	150	Vertical	Pass
3	3981.800	46.59	-4.19	74.0	-27.41	Peak	18.00	150	Vertical	Pass
3**	3981.800	36.01	-4.19	54.0	-17.99	AV	18.00	150	Vertical	Pass
4	5577.400	98.28	0.73	--	--	Peak	124.00	150	Vertical	N/A
4**	5577.400	92.24	0.73	--	--	AV	124.00	150	Vertical	N/A
5	11606.612	48.44	20.17	74.0	-25.56	Peak	154.00	150	Vertical	Pass
5**	11606.612	36.30	20.17	54.0	-17.70	AV	154.00	150	Vertical	Pass
6	15950.401	53.13	23.95	74.0	-20.87	Peak	236.00	150	Vertical	Pass
6**	15950.401	43.31	23.95	54.0	-10.69	AV	236.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	39.23	-15.35	74.0	-34.77	Peak	217.00	150	Horizontal	Pass
1**	1125.000	34.92	-15.35	54.0	-19.08	AV	217.00	150	Horizontal	Pass
2	1510.000	49.80	-15.02	74.0	-24.20	Peak	161.00	150	Horizontal	Pass
2**	1510.000	39.71	-15.02	54.0	-14.29	AV	161.00	150	Horizontal	Pass
3	3913.400	46.29	-4.87	74.0	-27.71	Peak	114.00	150	Horizontal	Pass
3**	3913.400	33.62	-4.87	54.0	-20.38	AV	114.00	150	Horizontal	Pass
4	5703.000	97.69	-0.71	--	--	Peak	70.00	150	Horizontal	N/A
4**	5703.000	90.79	-0.71	--	--	AV	70.00	150	Horizontal	N/A
5	11757.263	48.44	18.87	74.0	-25.56	Peak	44.00	150	Horizontal	Pass
5**	11757.263	36.89	18.87	54.0	-17.11	AV	44.00	150	Horizontal	Pass
6	15693.938	53.73	23.58	74.0	-20.27	Peak	120.00	150	Horizontal	Pass
6**	15693.938	41.91	23.58	54.0	-12.09	AV	120.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.36	-15.34	74.0	-33.64	Peak	146.00	150	Vertical	Pass
1**	1125.100	38.27	-15.34	54.0	-15.73	AV	146.00	150	Vertical	Pass
2	1489.500	50.07	-15.14	74.0	-23.93	Peak	160.00	150	Vertical	Pass
2**	1489.500	43.31	-15.14	54.0	-10.69	AV	160.00	150	Vertical	Pass
3	4307.400	47.04	-3.48	74.0	-26.96	Peak	358.00	150	Vertical	Pass
3**	4307.400	35.51	-3.48	54.0	-18.49	AV	358.00	150	Vertical	Pass
4	5702.400	99.05	-0.74	--	--	Peak	327.00	150	Vertical	N/A
4**	5702.400	91.50	-0.74	--	--	AV	327.00	150	Vertical	N/A
5	12401.838	48.64	19.17	74.0	-25.36	Peak	62.00	150	Vertical	Pass
5**	12401.838	36.99	19.17	54.0	-17.01	AV	62.00	150	Vertical	Pass
6	15665.063	53.57	23.49	74.0	-20.43	Peak	241.00	150	Vertical	Pass
6**	15665.063	42.28	23.49	54.0	-11.72	AV	241.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1000.000	40.89	-14.35	74.0	-33.11	Peak	314.00	150	Horizontal	Pass
1**	1000.000	37.08	-14.35	54.0	-16.92	AV	314.00	150	Horizontal	Pass
2	1500.400	52.67	-15.19	74.0	-21.33	Peak	46.00	150	Horizontal	Pass
2**	1500.400	40.23	-15.19	54.0	-13.77	AV	46.00	150	Horizontal	Pass
3	3975.000	46.30	-4.14	74.0	-27.70	Peak	324.00	150	Horizontal	Pass
3**	3975.000	35.33	-4.14	54.0	-18.67	AV	324.00	150	Horizontal	Pass
4	5496.800	97.24	0.61	--	--	Peak	336.00	150	Horizontal	N/A
4**	5496.800	90.71	0.61	--	--	AV	336.00	150	Horizontal	N/A
5	11826.263	48.09	18.33	74.0	-25.91	Peak	280.00	150	Horizontal	Pass
5**	11826.263	36.27	18.33	54.0	-17.73	AV	280.00	150	Horizontal	Pass
6	15361.875	54.36	22.55	74.0	-19.64	Peak	37.00	150	Horizontal	Pass
6**	15361.875	41.99	22.55	54.0	-12.01	AV	37.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	41.38	-15.35	74.0	-32.62	Peak	45.00	150	Vertical	Pass
1**	1125.000	37.65	-15.35	54.0	-16.35	AV	45.00	150	Vertical	Pass
2	1498.600	46.10	-15.16	74.0	-27.90	Peak	23.00	150	Vertical	Pass
2**	1498.600	34.57	-15.16	54.0	-19.43	AV	23.00	150	Vertical	Pass
3	4156.800	47.44	-3.48	74.0	-26.56	Peak	360.00	150	Vertical	Pass
3**	4156.800	34.64	-3.48	54.0	-19.36	AV	360.00	150	Vertical	Pass
4	5518.400	98.70	0.35	--	--	Peak	128.00	150	Vertical	N/A
4**	5518.400	91.16	0.35	--	--	AV	128.00	150	Vertical	N/A
5	12357.276	48.72	19.66	74.0	-25.28	Peak	290.00	150	Vertical	Pass
5**	12357.276	37.52	19.66	54.0	-16.48	AV	290.00	150	Vertical	Pass
6	15726.750	54.01	23.47	74.0	-19.99	Peak	14.00	150	Vertical	Pass
6**	15726.750	41.90	23.47	54.0	-12.10	AV	14.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	39.46	-15.34	74.0	-34.54	Peak	326.00	150	Horizontal	Pass
1**	1125.100	35.67	-15.34	54.0	-18.33	AV	326.00	150	Horizontal	Pass
2	1500.700	47.90	-15.16	74.0	-26.10	Peak	150.00	150	Horizontal	Pass
2**	1500.700	31.03	-15.16	54.0	-22.97	AV	150.00	150	Horizontal	Pass
3	4018.800	45.92	-4.07	74.0	-28.08	Peak	325.00	150	Horizontal	Pass
3**	4018.800	36.07	-4.07	54.0	-17.93	AV	325.00	150	Horizontal	Pass
4	5601.400	96.89	0.11	--	--	Peak	335.00	150	Horizontal	N/A
4**	5601.400	89.54	0.11	--	--	AV	335.00	150	Horizontal	N/A
5	12396.951	49.41	19.23	74.0	-24.59	Peak	0.00	150	Horizontal	Pass
5**	12396.951	36.84	19.23	54.0	-17.16	AV	0.00	150	Horizontal	Pass
6	15691.575	53.68	23.58	74.0	-20.32	Peak	158.00	150	Horizontal	Pass
6**	15691.575	42.56	23.58	54.0	-11.44	AV	158.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.200	40.93	-15.33	74.0	-33.07	Peak	39.00	150	Vertical	Pass
1**	1125.200	39.02	-15.33	54.0	-14.98	AV	39.00	150	Vertical	Pass
2	1499.400	44.32	-15.18	74.0	-29.68	Peak	167.00	150	Vertical	Pass
2**	1499.400	28.89	-15.18	54.0	-25.11	AV	167.00	150	Vertical	Pass
3	4157.800	46.74	-3.51	74.0	-27.26	Peak	46.00	150	Vertical	Pass
3**	4157.800	34.17	-3.51	54.0	-19.83	AV	46.00	150	Vertical	Pass
4	5596.000	96.71	0.37	--	--	Peak	129.00	150	Vertical	N/A
4**	5596.000	89.46	0.37	--	--	AV	129.00	150	Vertical	N/A
5	11779.687	48.47	18.71	74.0	-25.53	Peak	43.00	150	Vertical	Pass
5**	11779.687	38.36	18.71	54.0	-15.64	AV	43.00	150	Vertical	Pass
6	15981.901	53.48	24.01	74.0	-20.52	Peak	40.00	150	Vertical	Pass
6**	15981.901	41.76	24.01	54.0	-12.24	AV	40.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	39.16	-15.34	74.0	-34.84	Peak	349.00	150	Horizontal	Pass
1**	1125.100	35.33	-15.34	54.0	-18.67	AV	349.00	150	Horizontal	Pass
2	1519.300	49.04	-14.98	74.0	-24.96	Peak	42.00	150	Horizontal	Pass
2**	1519.300	30.40	-14.98	54.0	-23.60	AV	42.00	150	Horizontal	Pass
3	4684.200	48.32	-2.49	74.0	-25.68	Peak	179.00	150	Horizontal	Pass
3**	4684.200	35.86	-2.49	54.0	-18.14	AV	179.00	150	Horizontal	Pass
4	5668.600	95.61	0.04	--	--	Peak	2.00	150	Horizontal	N/A
4**	5668.600	88.13	0.04	--	--	AV	2.00	150	Horizontal	N/A
5	12130.725	48.78	19.75	74.0	-25.22	Peak	17.00	150	Horizontal	Pass
5**	12130.725	36.99	19.75	54.0	-17.01	AV	17.00	150	Horizontal	Pass
6	15658.762	53.81	23.47	74.0	-20.19	Peak	115.00	150	Horizontal	Pass
6**	15658.762	42.04	23.47	54.0	-11.96	AV	115.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	41.01	-15.34	74.0	-32.99	Peak	55.00	150	Vertical	Pass
1**	1125.100	38.22	-15.34	54.0	-15.78	AV	55.00	150	Vertical	Pass
2	1482.300	46.40	-15.20	74.0	-27.60	Peak	173.00	150	Vertical	Pass
2**	1482.300	28.43	-15.20	54.0	-25.57	AV	173.00	150	Vertical	Pass
3	4084.800	46.06	-4.22	74.0	-27.94	Peak	0.00	150	Vertical	Pass
3**	4084.800	34.25	-4.22	54.0	-19.75	AV	0.00	150	Vertical	Pass
4	5655.200	97.86	0.17	--	--	Peak	320.00	150	Vertical	N/A
4**	5655.200	91.29	0.17	--	--	AV	320.00	150	Vertical	N/A
5	12117.787	48.07	19.61	74.0	-25.93	Peak	170.00	150	Vertical	Pass
5**	12117.787	36.70	19.61	54.0	-17.30	AV	170.00	150	Vertical	Pass
6	15721.763	53.13	23.46	74.0	-20.87	Peak	97.00	150	Vertical	Pass
6**	15721.763	42.01	23.46	54.0	-11.99	AV	97.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.900	38.63	-15.35	74.0	-35.37	Peak	231.00	150	Horizontal	Pass
1**	1124.900	34.11	-15.35	54.0	-19.89	AV	231.00	150	Horizontal	Pass
2	1499.900	51.06	-15.19	74.0	-22.94	Peak	363.00	150	Horizontal	Pass
2**	1499.900	34.47	-15.19	54.0	-19.53	AV	363.00	150	Horizontal	Pass
3	4069.000	46.48	-3.83	74.0	-27.52	Peak	355.00	150	Horizontal	Pass
3**	4069.000	35.17	-3.83	54.0	-18.83	AV	355.00	150	Horizontal	Pass
4	5556.200	93.37	0.54	--	--	Peak	327.00	150	Horizontal	N/A
4**	5556.200	86.00	0.54	--	--	AV	327.00	150	Horizontal	N/A
5	11628.463	48.28	20.29	74.0	-25.72	Peak	215.00	150	Horizontal	Pass
5**	11628.463	37.89	20.29	54.0	-16.11	AV	215.00	150	Horizontal	Pass
6	15929.662	53.17	23.77	74.0	-20.83	Peak	69.00	150	Horizontal	Pass
6**	15929.662	41.37	23.77	54.0	-12.63	AV	69.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.32	-15.34	74.0	-33.68	Peak	53.00	150	Vertical	Pass
1**	1125.100	38.49	-15.34	54.0	-15.51	AV	53.00	150	Vertical	Pass
2	1500.000	46.61	-15.19	74.0	-27.39	Peak	348.00	150	Vertical	Pass
2**	1500.000	31.40	-15.19	54.0	-22.60	AV	348.00	150	Vertical	Pass
3	4239.600	47.65	-3.43	74.0	-26.35	Peak	104.00	150	Vertical	Pass
3**	4239.600	35.80	-3.43	54.0	-18.20	AV	104.00	150	Vertical	Pass
4	5546.200	94.20	0.33	--	--	Peak	116.00	150	Vertical	N/A
4**	5546.200	86.89	0.33	--	--	AV	116.00	150	Vertical	N/A
5	12302.937	48.40	19.97	74.0	-25.60	Peak	310.00	150	Vertical	Pass
5**	12302.937	35.72	19.97	54.0	-18.28	AV	310.00	150	Vertical	Pass
6	15716.513	53.79	23.48	74.0	-20.21	Peak	1.00	150	Vertical	Pass
6**	15716.513	41.58	23.48	54.0	-12.42	AV	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.900	38.42	-15.35	74.0	-35.58	Peak	228.00	150	Horizontal	Pass
1**	1124.900	34.17	-15.35	54.0	-19.83	AV	228.00	150	Horizontal	Pass
2	1501.300	49.55	-15.11	74.0	-24.45	Peak	112.00	150	Horizontal	Pass
2**	1501.300	34.82	-15.11	54.0	-19.18	AV	112.00	150	Horizontal	Pass
3	3967.200	45.86	-4.15	74.0	-28.14	Peak	148.00	150	Horizontal	Pass
3**	3967.200	34.59	-4.15	54.0	-19.41	AV	148.00	150	Horizontal	Pass
4	5593.600	93.47	0.38	--	--	Peak	3.00	150	Horizontal	N/A
4**	5593.600	86.40	0.38	--	--	AV	3.00	150	Horizontal	N/A
5	12110.026	48.59	19.52	74.0	-25.41	Peak	9.00	150	Horizontal	Pass
5**	12110.026	36.43	19.52	54.0	-17.57	AV	9.00	150	Horizontal	Pass
6	15653.775	53.40	23.50	74.0	-20.60	Peak	266.00	150	Horizontal	Pass
6**	15653.775	42.14	23.50	54.0	-11.86	AV	266.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	41.28	-15.35	74.0	-32.72	Peak	50.00	150	Vertical	Pass
1**	1125.000	37.52	-15.35	54.0	-16.48	AV	50.00	150	Vertical	Pass
2	1502.000	44.85	-15.04	74.0	-29.15	Peak	132.00	150	Vertical	Pass
2**	1502.000	28.08	-15.04	54.0	-25.92	AV	132.00	150	Vertical	Pass
3	4034.200	46.23	-3.99	74.0	-27.77	Peak	151.00	150	Vertical	Pass
3**	4034.200	34.95	-3.99	54.0	-19.05	AV	151.00	150	Vertical	Pass
4	5617.200	93.81	-0.21	--	--	Peak	316.00	150	Vertical	N/A
4**	5617.200	86.94	-0.21	--	--	AV	316.00	150	Vertical	N/A
5	10939.612	48.03	18.56	74.0	-25.97	Peak	48.00	150	Vertical	Pass
5**	10939.612	36.43	18.56	54.0	-17.57	AV	48.00	150	Vertical	Pass
6	15575.287	53.72	23.58	74.0	-20.28	Peak	103.00	150	Vertical	Pass
6**	15575.287	42.48	23.58	54.0	-11.52	AV	103.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.200	38.86	-15.33	74.0	-35.14	Peak	331.00	150	Horizontal	Pass
1**	1125.200	36.07	-15.33	54.0	-17.93	AV	331.00	150	Horizontal	Pass
2	1495.900	48.04	-14.98	74.0	-25.96	Peak	54.00	150	Horizontal	Pass
2**	1495.900	33.86	-14.98	54.0	-20.14	AV	54.00	150	Horizontal	Pass
3	4037.200	46.44	-4.00	74.0	-27.56	Peak	4.00	150	Horizontal	Pass
3**	4037.200	35.48	-4.00	54.0	-18.52	AV	4.00	150	Horizontal	Pass
4	5740.800	99.03	-0.01	--	--	Peak	58.00	150	Horizontal	N/A
4**	5740.800	91.71	-0.01	--	--	AV	58.00	150	Horizontal	N/A
5	12119.513	48.42	19.63	74.0	-25.58	Peak	360.00	150	Horizontal	Pass
5**	12119.513	37.86	19.63	54.0	-16.14	AV	360.00	150	Horizontal	Pass
6	15822.037	54.08	23.29	74.0	-19.92	Peak	360.00	150	Horizontal	Pass
6**	15822.037	41.01	23.29	54.0	-12.99	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.200	41.10	-15.33	74.0	-32.90	Peak	53.00	150	Vertical	Pass
1**	1125.200	38.38	-15.33	54.0	-15.62	AV	53.00	150	Vertical	Pass
2	1500.900	47.51	-15.14	74.0	-26.49	Peak	199.00	150	Vertical	Pass
2**	1500.900	30.40	-15.14	54.0	-23.60	AV	199.00	150	Vertical	Pass
3	4214.000	46.64	-3.96	74.0	-27.36	Peak	99.00	150	Vertical	Pass
3**	4214.000	34.57	-3.96	54.0	-19.43	AV	99.00	150	Vertical	Pass
4	5742.400	100.38	0.06	--	--	Peak	315.00	150	Vertical	N/A
4**	5742.400	92.37	0.06	--	--	AV	315.00	150	Vertical	N/A
5	11770.488	48.47	18.78	74.0	-25.53	Peak	70.00	150	Vertical	Pass
5**	11770.488	37.42	18.78	54.0	-16.58	AV	70.00	150	Vertical	Pass
6	15954.076	54.12	23.97	74.0	-19.88	Peak	343.00	150	Vertical	Pass
6**	15954.076	43.91	23.97	54.0	-10.09	AV	343.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	38.25	-15.34	74.0	-35.75	Peak	210.00	150	Horizontal	Pass
1**	1125.100	35.28	-15.34	54.0	-18.72	AV	210.00	150	Horizontal	Pass
2	1499.700	50.03	-15.19	74.0	-23.97	Peak	198.00	150	Horizontal	Pass
2**	1499.700	36.54	-15.19	54.0	-17.46	AV	198.00	150	Horizontal	Pass
3	4046.600	45.91	-3.95	74.0	-28.09	Peak	202.00	150	Horizontal	Pass
3**	4046.600	35.06	-3.95	54.0	-18.94	AV	202.00	150	Horizontal	Pass
4	5785.600	98.61	0.77	--	--	Peak	59.00	150	Horizontal	N/A
4**	5785.600	91.52	0.77	--	--	AV	59.00	150	Horizontal	N/A
5	11610.925	48.37	20.19	74.0	-25.63	Peak	294.00	150	Horizontal	Pass
5**	11610.925	37.60	20.19	54.0	-16.40	AV	294.00	150	Horizontal	Pass
6	15960.637	54.14	23.99	74.0	-19.86	Peak	213.00	150	Horizontal	Pass
6**	15960.637	43.72	23.99	54.0	-10.28	AV	213.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.95	-15.34	74.0	-33.05	Peak	46.00	150	Vertical	Pass
1**	1125.100	38.27	-15.34	54.0	-15.73	AV	46.00	150	Vertical	Pass
2	1500.100	44.01	-15.20	74.0	-29.99	Peak	173.00	150	Vertical	Pass
2**	1500.100	33.05	-15.20	54.0	-20.95	AV	173.00	150	Vertical	Pass
3	3974.200	46.29	-4.15	74.0	-27.71	Peak	66.00	150	Vertical	Pass
3**	3974.200	35.86	-4.15	54.0	-18.14	AV	66.00	150	Vertical	Pass
4	5788.400	100.09	0.99	--	--	Peak	313.00	150	Vertical	N/A
4**	5788.400	93.27	0.99	--	--	AV	313.00	150	Vertical	N/A
5	11868.812	48.54	18.07	74.0	-25.46	Peak	331.00	150	Vertical	Pass
5**	11868.812	37.21	18.07	54.0	-16.79	AV	331.00	150	Vertical	Pass
6	15750.901	54.08	23.35	74.0	-19.92	Peak	360.00	150	Vertical	Pass
6**	15750.901	42.04	23.35	54.0	-11.96	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	38.79	-15.34	74.0	-35.21	Peak	224.00	150	Horizontal	Pass
1**	1125.100	35.69	-15.34	54.0	-18.31	AV	224.00	150	Horizontal	Pass
2	1496.600	52.65	-15.02	74.0	-21.35	Peak	35.00	150	Horizontal	Pass
2**	1496.600	41.74	-15.02	54.0	-12.26	AV	35.00	150	Horizontal	Pass
3	4138.200	45.82	-4.05	74.0	-28.18	Peak	287.00	150	Horizontal	Pass
3**	4138.200	34.86	-4.05	54.0	-19.14	AV	287.00	150	Horizontal	Pass
4	5821.800	98.09	0.90	--	--	Peak	34.00	150	Horizontal	N/A
4**	5821.800	91.26	0.90	--	--	AV	34.00	150	Horizontal	N/A
5	11704.075	48.62	19.75	74.0	-25.38	Peak	226.00	150	Horizontal	Pass
5**	11704.075	36.37	19.75	54.0	-17.63	AV	226.00	150	Horizontal	Pass
6	15920.474	52.94	23.65	74.0	-21.06	Peak	186.00	150	Horizontal	Pass
6**	15920.474	42.42	23.65	54.0	-11.58	AV	186.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	40.41	-15.35	74.0	-33.59	Peak	166.00	150	Vertical	Pass
1**	1125.000	38.17	-15.35	54.0	-15.83	AV	166.00	150	Vertical	Pass
2	1500.200	45.04	-15.20	74.0	-28.96	Peak	166.00	150	Vertical	Pass
2**	1500.200	36.64	-15.20	54.0	-17.36	AV	166.00	150	Vertical	Pass
3	4016.000	46.40	-4.09	74.0	-27.60	Peak	148.00	150	Vertical	Pass
3**	4016.000	34.89	-4.09	54.0	-19.11	AV	148.00	150	Vertical	Pass
4	5823.200	100.57	0.85	--	--	Peak	319.00	150	Vertical	N/A
4**	5823.200	92.54	0.85	--	--	AV	319.00	150	Vertical	N/A
5	12373.662	48.79	19.47	74.0	-25.21	Peak	0.00	150	Vertical	Pass
5**	12373.662	37.85	19.47	54.0	-16.15	AV	0.00	150	Vertical	Pass
6	15556.650	53.82	23.59	74.0	-20.18	Peak	167.00	150	Vertical	Pass
6**	15556.650	42.82	23.59	54.0	-11.18	AV	167.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	39.86	-15.34	74.0	-34.14	Peak	232.00	150	Horizontal	Pass
1**	1125.100	35.58	-15.34	54.0	-18.42	AV	232.00	150	Horizontal	Pass
2	1511.600	47.31	-14.95	74.0	-26.69	Peak	142.00	150	Horizontal	Pass
2**	1511.600	44.02	-14.95	54.0	-9.98	AV	142.00	150	Horizontal	Pass
3	3990.000	45.96	-4.38	74.0	-28.04	Peak	233.00	150	Horizontal	Pass
3**	3990.000	35.41	-4.38	54.0	-18.59	AV	233.00	150	Horizontal	Pass
4	5746.400	98.62	0.39	--	--	Peak	52.00	150	Horizontal	N/A
4**	5746.400	91.94	0.39	--	--	AV	52.00	150	Horizontal	N/A
5	12106.863	48.74	19.48	74.0	-25.26	Peak	78.00	150	Horizontal	Pass
5**	12106.863	37.51	19.48	54.0	-16.49	AV	78.00	150	Horizontal	Pass
6	15555.863	53.94	23.59	74.0	-20.06	Peak	29.00	150	Horizontal	Pass
6**	15555.863	42.48	23.59	54.0	-11.52	AV	29.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.66	-15.34	74.0	-33.34	Peak	58.00	150	Vertical	Pass
1**	1125.100	38.33	-15.34	54.0	-15.67	AV	58.00	150	Vertical	Pass
2	1499.300	46.83	-15.18	74.0	-27.17	Peak	167.00	150	Vertical	Pass
2**	1499.300	28.84	-15.18	54.0	-25.16	AV	167.00	150	Vertical	Pass
3	3990.000	46.56	-4.38	74.0	-27.44	Peak	208.00	150	Vertical	Pass
3**	3990.000	34.52	-4.38	54.0	-19.48	AV	208.00	150	Vertical	Pass
4	5752.400	99.48	0.50	--	--	Peak	322.00	150	Vertical	N/A
4**	5752.400	92.13	0.50	--	--	AV	322.00	150	Vertical	N/A
5	11794.925	48.73	18.59	74.0	-25.27	Peak	159.00	150	Vertical	Pass
5**	11794.925	37.01	18.59	54.0	-16.99	AV	159.00	150	Vertical	Pass
6	15684.487	54.22	23.59	74.0	-19.78	Peak	146.00	150	Vertical	Pass
6**	15684.487	41.76	23.59	54.0	-12.24	AV	146.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.800	38.48	-15.36	74.0	-35.52	Peak	351.00	150	Horizontal	Pass
1**	1124.800	32.89	-15.36	54.0	-21.11	AV	351.00	150	Horizontal	Pass
2	1502.400	49.71	-15.00	74.0	-24.29	Peak	102.00	150	Horizontal	Pass
2**	1502.400	39.26	-15.00	54.0	-14.74	AV	102.00	150	Horizontal	Pass
3	4282.000	47.76	-3.76	74.0	-26.24	Peak	338.00	150	Horizontal	Pass
3**	4282.000	34.71	-3.76	54.0	-19.29	AV	338.00	150	Horizontal	Pass
4	5782.000	97.83	1.04	--	--	Peak	57.00	150	Horizontal	N/A
4**	5782.000	91.39	1.04	--	--	AV	57.00	150	Horizontal	N/A
5	12121.238	48.99	19.65	74.0	-25.01	Peak	10.00	150	Horizontal	Pass
5**	12121.238	37.35	19.65	54.0	-16.65	AV	10.00	150	Horizontal	Pass
6	15804.188	53.19	23.17	74.0	-20.81	Peak	1.00	150	Horizontal	Pass
6**	15804.188	42.23	23.17	54.0	-11.77	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.98	-15.34	74.0	-33.02	Peak	51.00	150	Vertical	Pass
1**	1125.100	37.95	-15.34	54.0	-16.05	AV	51.00	150	Vertical	Pass
2	1496.600	44.81	-15.02	74.0	-29.19	Peak	363.00	150	Vertical	Pass
2**	1496.600	35.74	-15.02	54.0	-18.26	AV	363.00	150	Vertical	Pass
3	3979.400	46.15	-4.05	74.0	-27.85	Peak	1.00	150	Vertical	Pass
3**	3979.400	34.86	-4.05	54.0	-19.14	AV	1.00	150	Vertical	Pass
4	5786.200	99.83	0.77	--	--	Peak	310.00	150	Vertical	N/A
4**	5786.200	92.32	0.77	--	--	AV	310.00	150	Vertical	N/A
5	12105.425	48.74	19.46	74.0	-25.26	Peak	284.00	150	Vertical	Pass
5**	12105.425	36.65	19.46	54.0	-17.35	AV	284.00	150	Vertical	Pass
6	15967.988	52.98	24.00	74.0	-21.02	Peak	228.00	150	Vertical	Pass
6**	15967.988	42.10	24.00	54.0	-11.90	AV	228.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.28	-15.34	74.0	-33.72	Peak	348.00	150	Horizontal	Pass
1**	1125.100	35.91	-15.34	54.0	-18.09	AV	348.00	150	Horizontal	Pass
2	1499.100	49.26	-15.17	74.0	-24.74	Peak	361.00	150	Horizontal	Pass
2**	1499.100	32.20	-15.17	54.0	-21.80	AV	361.00	150	Horizontal	Pass
3	3957.400	46.30	-4.40	74.0	-27.70	Peak	229.00	150	Horizontal	Pass
3**	3957.400	35.08	-4.40	54.0	-18.92	AV	229.00	150	Horizontal	Pass
4	5823.000	97.35	0.86	--	--	Peak	39.00	150	Horizontal	N/A
4**	5823.000	91.08	0.86	--	--	AV	39.00	150	Horizontal	N/A
5	11778.825	48.32	18.72	74.0	-25.68	Peak	251.00	150	Horizontal	Pass
5**	11778.825	37.06	18.72	54.0	-16.94	AV	251.00	150	Horizontal	Pass
6	15766.912	53.61	23.25	74.0	-20.39	Peak	1.00	150	Horizontal	Pass
6**	15766.912	41.43	23.25	54.0	-12.57	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.44	-15.34	74.0	-33.56	Peak	54.00	150	Vertical	Pass
1**	1125.100	38.22	-15.34	54.0	-15.78	AV	54.00	150	Vertical	Pass
2	1489.600	49.24	-15.14	74.0	-24.76	Peak	175.00	150	Vertical	Pass
2**	1489.600	32.53	-15.14	54.0	-21.47	AV	175.00	150	Vertical	Pass
3	3848.000	45.42	-5.10	74.0	-28.58	Peak	171.00	150	Vertical	Pass
3**	3848.000	33.89	-5.10	54.0	-20.11	AV	171.00	150	Vertical	Pass
4	5816.800	99.08	0.83	--	--	Peak	321.00	150	Vertical	N/A
4**	5816.800	92.72	0.83	--	--	AV	321.00	150	Vertical	N/A
5	12334.850	48.95	19.82	74.0	-25.05	Peak	299.00	150	Vertical	Pass
5**	12334.850	36.74	19.82	54.0	-17.26	AV	299.00	150	Vertical	Pass
6	15972.712	53.81	24.00	74.0	-20.19	Peak	1.00	150	Vertical	Pass
6**	15972.712	41.24	24.00	54.0	-12.76	AV	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	38.90	-15.34	74.0	-35.10	Peak	225.00	150	Horizontal	Pass
1**	1125.100	35.47	-15.34	54.0	-18.53	AV	225.00	150	Horizontal	Pass
2	1503.500	49.03	-15.03	74.0	-24.97	Peak	45.00	150	Horizontal	Pass
2**	1503.500	41.51	-15.03	54.0	-12.49	AV	45.00	150	Horizontal	Pass
3	4041.200	46.30	-3.95	74.0	-27.70	Peak	251.00	150	Horizontal	Pass
3**	4041.200	34.49	-3.95	54.0	-19.51	AV	251.00	150	Horizontal	Pass
4	5749.800	96.96	0.30	--	--	Peak	40.00	150	Horizontal	N/A
4**	5749.800	89.84	0.30	--	--	AV	40.00	150	Horizontal	N/A
5	11778.537	48.97	18.72	74.0	-25.03	Peak	334.00	150	Horizontal	Pass
5**	11778.537	36.23	18.72	54.0	-17.77	AV	334.00	150	Horizontal	Pass
6	15623.326	53.31	23.47	74.0	-20.69	Peak	237.00	150	Horizontal	Pass
6**	15623.326	42.34	23.47	54.0	-11.66	AV	237.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	40.13	-15.34	74.0	-33.87	Peak	63.00	150	Vertical	Pass
1**	1125.100	38.41	-15.34	54.0	-15.59	AV	63.00	150	Vertical	Pass
2	1489.000	44.84	-15.16	74.0	-29.16	Peak	10.00	150	Vertical	Pass
2**	1489.000	39.02	-15.16	54.0	-14.98	AV	10.00	150	Vertical	Pass
3	4314.400	46.90	-3.25	74.0	-27.10	Peak	15.00	150	Vertical	Pass
3**	4314.400	35.44	-3.25	54.0	-18.56	AV	15.00	150	Vertical	Pass
4	5750.400	97.66	0.32	--	--	Peak	319.00	150	Vertical	N/A
4**	5750.400	90.53	0.32	--	--	AV	319.00	150	Vertical	N/A
5	12353.537	48.91	19.68	74.0	-25.09	Peak	186.00	150	Vertical	Pass
5**	12353.537	37.09	19.68	54.0	-16.91	AV	186.00	150	Vertical	Pass
6	15813.112	53.30	23.23	74.0	-20.70	Peak	360.00	150	Vertical	Pass
6**	15813.112	41.11	23.23	54.0	-12.89	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	38.69	-15.35	74.0	-35.31	Peak	344.00	150	Horizontal	Pass
1**	1125.000	35.16	-15.35	54.0	-18.84	AV	344.00	150	Horizontal	Pass
2	1491.700	50.32	-15.13	74.0	-23.68	Peak	47.00	150	Horizontal	Pass
2**	1491.700	33.29	-15.13	54.0	-20.71	AV	47.00	150	Horizontal	Pass
3	4033.600	46.08	-4.04	74.0	-27.92	Peak	181.00	150	Horizontal	Pass
3**	4033.600	34.59	-4.04	54.0	-19.41	AV	181.00	150	Horizontal	Pass
4	5789.600	96.03	0.97	--	--	Peak	60.00	150	Horizontal	N/A
4**	5789.600	89.86	0.97	--	--	AV	60.00	150	Horizontal	N/A
5	11677.912	48.68	20.09	74.0	-25.32	Peak	261.00	150	Horizontal	Pass
5**	11677.912	36.02	20.09	54.0	-17.98	AV	261.00	150	Horizontal	Pass
6	15939.900	53.15	23.90	74.0	-20.85	Peak	1.00	150	Horizontal	Pass
6**	15939.900	42.64	23.90	54.0	-11.36	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.900	40.74	-15.35	74.0	-33.26	Peak	70.00	150	Vertical	Pass
1**	1124.900	37.04	-15.35	54.0	-16.96	AV	70.00	150	Vertical	Pass
2	1500.200	48.74	-15.20	74.0	-25.26	Peak	292.00	150	Vertical	Pass
2**	1500.200	41.63	-15.20	54.0	-12.37	AV	292.00	150	Vertical	Pass
3	4062.600	46.65	-3.89	74.0	-27.35	Peak	7.00	150	Vertical	Pass
3**	4062.600	34.58	-3.89	54.0	-19.42	AV	7.00	150	Vertical	Pass
4	5793.400	98.56	1.01	--	--	Peak	310.00	150	Vertical	N/A
4**	5793.400	92.15	1.01	--	--	AV	310.00	150	Vertical	N/A
5	11897.850	48.81	18.03	74.0	-25.19	Peak	360.00	150	Vertical	Pass
5**	11897.850	37.24	18.03	54.0	-16.76	AV	360.00	150	Vertical	Pass
6	15540.901	53.33	23.69	74.0	-20.67	Peak	206.00	150	Vertical	Pass
6**	15540.901	42.41	23.69	54.0	-11.59	AV	206.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	38.67	-15.34	74.0	-35.33	Peak	218.00	150	Horizontal	Pass
1**	1125.100	35.66	-15.34	54.0	-18.34	AV	218.00	150	Horizontal	Pass
2	1500.600	50.38	-15.17	74.0	-23.62	Peak	348.00	150	Horizontal	Pass
2**	1500.600	36.29	-15.17	54.0	-17.71	AV	348.00	150	Horizontal	Pass
3	4217.600	45.96	-3.81	74.0	-28.04	Peak	291.00	150	Horizontal	Pass
3**	4217.600	34.12	-3.81	54.0	-19.88	AV	291.00	150	Horizontal	Pass
4	5739.600	99.01	-0.06	--	--	Peak	51.00	150	Horizontal	N/A
4**	5739.600	91.83	-0.06	--	--	AV	51.00	150	Horizontal	N/A
5	11588.500	48.32	19.99	74.0	-25.68	Peak	294.00	150	Horizontal	Pass
5**	11588.500	37.53	19.99	54.0	-16.47	AV	294.00	150	Horizontal	Pass
6	15724.387	52.98	23.47	74.0	-21.02	Peak	75.00	150	Horizontal	Pass
6**	15724.387	41.98	23.47	54.0	-12.02	AV	75.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.200	40.94	-15.33	74.0	-33.06	Peak	49.00	150	Vertical	Pass
1**	1125.200	38.62	-15.33	54.0	-15.38	AV	49.00	150	Vertical	Pass
2	1502.400	45.82	-15.00	74.0	-28.18	Peak	180.00	150	Vertical	Pass
2**	1502.400	36.08	-15.00	54.0	-17.92	AV	180.00	150	Vertical	Pass
3	3970.400	45.97	-4.19	74.0	-28.03	Peak	143.00	150	Vertical	Pass
3**	3970.400	35.48	-4.19	54.0	-18.52	AV	143.00	150	Vertical	Pass
4	5747.000	100.26	0.35	--	--	Peak	317.00	150	Vertical	N/A
4**	5747.000	92.95	0.35	--	--	AV	317.00	150	Vertical	N/A
5	11570.675	48.35	19.84	74.0	-25.65	Peak	313.00	150	Vertical	Pass
5**	11570.675	37.09	19.84	54.0	-16.91	AV	313.00	150	Vertical	Pass
6	15524.888	53.20	23.76	74.0	-20.80	Peak	59.00	150	Vertical	Pass
6**	15524.888	42.16	23.76	54.0	-11.84	AV	59.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.900	39.49	-15.35	74.0	-34.51	Peak	228.00	150	Horizontal	Pass
1**	1124.900	34.60	-15.35	54.0	-19.40	AV	228.00	150	Horizontal	Pass
2	1520.300	49.28	-14.95	74.0	-24.72	Peak	36.00	150	Horizontal	Pass
2**	1520.300	45.30	-14.95	54.0	-8.70	AV	36.00	150	Horizontal	Pass
3	4160.600	45.86	-3.49	74.0	-28.14	Peak	219.00	150	Horizontal	Pass
3**	4160.600	34.13	-3.49	54.0	-19.87	AV	219.00	150	Horizontal	Pass
4	5789.800	98.15	0.96	--	--	Peak	58.00	150	Horizontal	N/A
4**	5789.800	90.96	0.96	--	--	AV	58.00	150	Horizontal	N/A
5	12080.412	48.40	19.23	74.0	-25.60	Peak	319.00	150	Horizontal	Pass
5**	12080.412	37.07	19.23	54.0	-16.93	AV	319.00	150	Horizontal	Pass
6	15628.838	54.52	23.50	74.0	-19.48	Peak	244.00	150	Horizontal	Pass
6**	15628.838	42.97	23.50	54.0	-11.03	AV	244.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.300	40.61	-15.33	74.0	-33.39	Peak	49.00	150	Vertical	Pass
1**	1125.300	38.14	-15.33	54.0	-15.86	AV	49.00	150	Vertical	Pass
2	1500.400	47.61	-15.19	74.0	-26.39	Peak	56.00	150	Vertical	Pass
2**	1500.400	34.27	-15.19	54.0	-19.73	AV	56.00	150	Vertical	Pass
3	4275.800	47.79	-3.43	74.0	-26.21	Peak	267.00	150	Vertical	Pass
3**	4275.800	36.31	-3.43	54.0	-17.69	AV	267.00	150	Vertical	Pass
4	5780.000	100.31	1.03	--	--	Peak	318.00	150	Vertical	N/A
4**	5780.000	92.52	1.03	--	--	AV	318.00	150	Vertical	N/A
5	11709.250	48.14	19.65	74.0	-25.86	Peak	264.00	150	Vertical	Pass
5**	11709.250	36.57	19.65	54.0	-17.43	AV	264.00	150	Vertical	Pass
6	15546.937	54.02	23.64	74.0	-19.98	Peak	351.00	150	Vertical	Pass
6**	15546.937	43.01	23.64	54.0	-10.99	AV	351.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	39.01	-15.34	74.0	-34.99	Peak	217.00	150	Horizontal	Pass
1**	1125.100	35.82	-15.34	54.0	-18.18	AV	217.00	150	Horizontal	Pass
2	1500.300	49.63	-15.20	74.0	-24.37	Peak	100.00	150	Horizontal	Pass
2**	1500.300	39.20	-15.20	54.0	-14.80	AV	100.00	150	Horizontal	Pass
3	4258.600	46.60	-3.40	74.0	-27.40	Peak	52.00	150	Horizontal	Pass
3**	4258.600	34.14	-3.40	54.0	-19.86	AV	52.00	150	Horizontal	Pass
4	5818.000	97.52	0.99	--	--	Peak	61.00	150	Horizontal	N/A
4**	5818.000	90.68	0.99	--	--	AV	61.00	150	Horizontal	N/A
5	12275.049	49.56	20.27	74.0	-24.44	Peak	121.00	150	Horizontal	Pass
5**	12275.049	36.12	20.27	54.0	-17.88	AV	121.00	150	Horizontal	Pass
6	15658.500	53.15	23.47	74.0	-20.85	Peak	42.00	150	Horizontal	Pass
6**	15658.500	43.06	23.47	54.0	-10.94	AV	42.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.000	40.39	-15.35	74.0	-33.61	Peak	151.00	150	Vertical	Pass
1**	1125.000	37.92	-15.35	54.0	-16.08	AV	151.00	150	Vertical	Pass
2	1500.300	47.56	-15.20	74.0	-26.44	Peak	17.00	150	Vertical	Pass
2**	1500.300	33.05	-15.20	54.0	-20.95	AV	17.00	150	Vertical	Pass
3	3972.200	45.97	-4.20	74.0	-28.03	Peak	107.00	150	Vertical	Pass
3**	3972.200	34.40	-4.20	54.0	-19.60	AV	107.00	150	Vertical	Pass
4	5826.400	99.80	0.80	--	--	Peak	313.00	150	Vertical	N/A
4**	5826.400	91.96	0.80	--	--	AV	313.00	150	Vertical	N/A
5	11810.450	49.00	18.47	74.0	-25.00	Peak	226.00	150	Vertical	Pass
5**	11810.450	36.29	18.47	54.0	-17.71	AV	226.00	150	Vertical	Pass
6	15958.013	54.33	23.98	74.0	-19.67	Peak	159.00	150	Vertical	Pass
6**	15958.013	41.45	23.98	54.0	-12.55	AV	159.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	38.84	-15.34	74.0	-35.16	Peak	212.00	150	Horizontal	Pass
1**	1125.100	35.72	-15.34	54.0	-18.28	AV	212.00	150	Horizontal	Pass
2	1499.600	49.08	-15.19	74.0	-24.92	Peak	21.00	150	Horizontal	Pass
2**	1499.600	37.62	-15.19	54.0	-16.38	AV	21.00	150	Horizontal	Pass
3	4279.200	46.91	-3.52	74.0	-27.09	Peak	135.00	150	Horizontal	Pass
3**	4279.200	35.70	-3.52	54.0	-18.30	AV	135.00	150	Horizontal	Pass
4	5758.000	96.64	0.63	--	--	Peak	68.00	150	Horizontal	N/A
4**	5758.000	88.65	0.63	--	--	AV	68.00	150	Horizontal	N/A
5	11547.099	49.12	19.68	74.0	-24.88	Peak	260.00	150	Horizontal	Pass
5**	11547.099	36.46	19.68	54.0	-17.54	AV	260.00	150	Horizontal	Pass
6	15710.737	54.41	23.51	74.0	-19.59	Peak	191.00	150	Horizontal	Pass
6**	15710.737	41.77	23.51	54.0	-12.23	AV	191.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.100	41.02	-15.34	74.0	-32.98	Peak	48.00	150	Vertical	Pass
1**	1125.100	38.67	-15.34	54.0	-15.33	AV	48.00	150	Vertical	Pass
2	1497.100	46.08	-15.06	74.0	-27.92	Peak	26.00	150	Vertical	Pass
2**	1497.100	33.91	-15.06	54.0	-20.09	AV	26.00	150	Vertical	Pass
3	4031.000	45.62	-3.92	74.0	-28.38	Peak	334.00	150	Vertical	Pass
3**	4031.000	34.46	-3.92	54.0	-19.54	AV	334.00	150	Vertical	Pass
4	5750.000	98.07	0.31	--	--	Peak	311.00	150	Vertical	N/A
4**	5750.000	90.98	0.31	--	--	AV	311.00	150	Vertical	N/A
5	11762.437	48.50	18.83	74.0	-25.50	Peak	153.00	150	Vertical	Pass
5**	11762.437	36.66	18.83	54.0	-17.34	AV	153.00	150	Vertical	Pass
6	15440.625	52.99	23.26	74.0	-21.01	Peak	285.00	150	Vertical	Pass
6**	15440.625	41.63	23.26	54.0	-12.37	AV	285.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1125.300	38.67	-15.33	74.0	-35.33	Peak	335.00	150	Horizontal	Pass
1**	1125.300	36.23	-15.33	54.0	-17.77	AV	335.00	150	Horizontal	Pass
2	1502.900	46.74	-15.01	74.0	-27.26	Peak	162.00	150	Horizontal	Pass
2**	1502.900	35.31	-15.01	54.0	-18.69	AV	162.00	150	Horizontal	Pass
3	4028.600	46.12	-3.97	74.0	-27.88	Peak	323.00	150	Horizontal	Pass
3**	4028.600	34.21	-3.97	54.0	-19.79	AV	323.00	150	Horizontal	Pass
4	5789.600	96.58	0.97	--	--	Peak	72.00	150	Horizontal	N/A
4**	5789.600	89.77	0.97	--	--	AV	72.00	150	Horizontal	N/A
5	11626.738	48.43	20.28	74.0	-25.57	Peak	219.00	150	Horizontal	Pass
5**	11626.738	36.86	20.28	54.0	-17.14	AV	219.00	150	Horizontal	Pass
6	15403.875	54.66	22.87	74.0	-19.34	Peak	353.00	150	Horizontal	Pass
6**	15403.875	41.87	22.87	54.0	-12.13	AV	353.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.700	41.61	-14.94	74.0	-32.39	Peak	241.00	150	Vertical	Pass
1**	1194.700	28.87	-14.94	54.0	-25.13	AV	241.00	150	Vertical	Pass
2	1510.100	44.50	-15.02	74.0	-29.50	Peak	271.00	150	Vertical	Pass
2**	1510.100	37.93	-15.02	54.0	-16.07	AV	271.00	150	Vertical	Pass
3	3977.000	46.14	-4.10	74.0	-27.86	Peak	259.00	150	Vertical	Pass
3**	3977.000	35.86	-4.10	54.0	-18.14	AV	259.00	150	Vertical	Pass
4	5787.200	98.78	0.86	--	--	Peak	319.00	150	Vertical	N/A
4**	5787.200	93.42	0.86	--	--	AV	319.00	150	Vertical	N/A
5	11719.599	48.46	19.46	74.0	-25.54	Peak	313.00	150	Vertical	Pass
5**	11719.599	35.82	19.46	54.0	-18.18	AV	313.00	150	Vertical	Pass
6	15714.675	53.49	23.49	74.0	-20.51	Peak	247.00	150	Vertical	Pass
6**	15714.675	41.64	23.49	54.0	-12.36	AV	247.00	150	Vertical	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.900	37.84	-15.35	74.0	-36.16	Peak	327.00	150	Horizontal	Pass
1**	1124.900	33.50	-15.35	54.0	-20.50	AV	327.00	150	Horizontal	Pass
2	1486.200	48.19	-15.16	74.0	-25.81	Peak	162.00	150	Horizontal	Pass
2**	1486.200	35.69	-15.16	54.0	-18.31	AV	162.00	150	Horizontal	Pass
3	4033.800	45.76	-4.02	74.0	-28.24	Peak	5.00	150	Horizontal	Pass
3**	4033.800	34.48	-4.02	54.0	-19.52	AV	5.00	150	Horizontal	Pass
4	5768.200	94.02	0.88	--	--	Peak	67.00	150	Horizontal	N/A
4**	5768.200	86.19	0.88	--	--	AV	67.00	150	Horizontal	N/A
5	12130.725	48.49	19.75	74.0	-25.51	Peak	360.00	150	Horizontal	Pass
5**	12130.725	36.43	19.75	54.0	-17.57	AV	360.00	150	Horizontal	Pass
6	15453.225	53.74	23.43	74.0	-20.26	Peak	18.00	150	Horizontal	Pass
6**	15453.225	42.60	23.43	54.0	-11.40	AV	18.00	150	Horizontal	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1124.900	40.63	-15.35	74.0	-33.37	Peak	46.00	150	Vertical	Pass
1**	1124.900	36.22	-15.35	54.0	-17.78	AV	46.00	150	Vertical	Pass
2	1502.600	47.62	-15.00	74.0	-26.38	Peak	166.00	150	Vertical	Pass
2**	1502.600	39.56	-15.00	54.0	-14.44	AV	166.00	150	Vertical	Pass
3	4275.000	47.10	-3.50	74.0	-26.90	Peak	97.00	150	Vertical	Pass
3**	4275.000	36.27	-3.50	54.0	-17.73	AV	97.00	150	Vertical	Pass
4	5787.600	94.32	0.90	--	--	Peak	323.00	150	Vertical	N/A
4**	5787.600	87.60	0.90	--	--	AV	323.00	150	Vertical	N/A
5	12133.888	48.86	19.78	74.0	-25.14	Peak	170.00	150	Vertical	Pass
5**	12133.888	37.25	19.78	54.0	-16.75	AV	170.00	150	Vertical	Pass
6	15733.049	54.68	23.48	74.0	-19.32	Peak	363.00	150	Vertical	Pass
6**	15733.049	41.99	23.48	54.0	-12.01	AV	363.00	150	Vertical	Pass

Aux. Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	44.61	-15.19	74.0	-29.39	Peak	190.00	150	Horizontal	Pass
1**	1499.900	33.22	-15.19	54.0	-20.78	AV	190.00	150	Horizontal	Pass
2	2848.300	41.69	-7.82	74.0	-32.31	Peak	257.00	150	Horizontal	Pass
2**	2848.300	32.82	-7.82	54.0	-21.18	AV	257.00	150	Horizontal	Pass
3	4223.400	47.18	-3.66	74.0	-26.82	Peak	275.00	150	Horizontal	Pass
3**	4223.400	34.62	-3.66	54.0	-19.38	AV	275.00	150	Horizontal	Pass
4	5175.200	95.36	-0.56	--	-199.64	Peak	295.00	150	Horizontal	N/A
4**	5175.200	89.40	-0.56	--	89.40	AV	295.00	150	Horizontal	N/A
5	11726.788	48.12	19.33	74.0	-25.88	Peak	84.00	150	Horizontal	Pass
5**	11726.788	36.75	19.33	54.0	-17.25	AV	84.00	150	Horizontal	Pass
6	15487.612	55.15	23.77	74.0	-18.85	Peak	277.00	150	Horizontal	Pass
6**	15487.612	42.98	23.77	54.0	-11.02	AV	277.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.300	49.45	-15.08	74.0	-24.55	Peak	96.00	150	Vertical	Pass
1**	1497.300	37.55	-15.08	54.0	-16.45	AV	96.00	150	Vertical	Pass
2	2110.600	50.24	-11.72	68.2	-17.96	Peak	35.00	150	Vertical	Pass
2**	2110.600	31.95	-11.72	--	--	AV	35.00	150	Vertical	N/A
3	4113.400	47.11	-4.18	74.0	-26.89	Peak	14.00	150	Vertical	Pass
3**	4113.400	35.00	-4.18	54.0	-19.00	AV	14.00	150	Vertical	Pass
4	5185.400	98.45	-0.67	--	--	Peak	293.00	150	Vertical	N/A
4**	5185.400	91.79	-0.67	--	--	AV	293.00	150	Vertical	N/A
5	12367.625	50.40	19.54	74.0	-23.60	Peak	338.00	150	Vertical	Pass
5**	12367.625	39.34	19.54	54.0	-14.66	AV	338.00	150	Vertical	Pass
6	15968.775	55.11	24.00	74.0	-18.89	Peak	59.00	150	Vertical	Pass
6**	15968.775	43.83	24.00	54.0	-10.17	AV	59.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.800	48.21	-15.06	74.0	-25.79	Peak	0.00	150	Horizontal	Pass
1**	1501.800	36.74	-15.06	54.0	-17.26	AV	0.00	150	Horizontal	Pass
2	2792.500	41.52	-8.95	74.0	-32.48	Peak	361.00	150	Horizontal	Pass
2**	2792.500	32.26	-8.95	54.0	-21.74	AV	361.00	150	Horizontal	Pass
3	4069.800	46.90	-3.82	74.0	-27.10	Peak	295.00	150	Horizontal	Pass
3**	4069.800	35.27	-3.82	54.0	-18.73	AV	295.00	150	Horizontal	Pass
4	5227.400	104.20	-0.39	--	--	Peak	284.00	150	Horizontal	N/A
4**	5227.400	98.43	-0.39	--	--	AV	284.00	150	Horizontal	N/A
5	11684.525	50.13	20.01	74.0	-23.87	Peak	130.00	150	Horizontal	Pass
5**	11684.525	38.59	20.01	54.0	-15.41	AV	130.00	150	Horizontal	Pass
6	15618.862	55.09	23.45	74.0	-18.91	Peak	239.00	150	Horizontal	Pass
6**	15618.862	44.04	23.45	54.0	-9.96	AV	239.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.200	46.81	-15.18	74.0	-27.19	Peak	157.00	150	Vertical	Pass
1**	1499.200	39.54	-15.18	54.0	-14.46	AV	157.00	150	Vertical	Pass
2	2103.500	48.22	-11.64	68.2	-19.98	Peak	55.00	150	Vertical	Pass
2**	2103.500	37.64	-11.64	--	37.64	--	55.00	150	Vertical	N/A
3	3972.200	47.17	-4.20	74.0	-26.83	Peak	211.00	150	Vertical	Pass
3**	3972.200	34.23	-4.20	54.0	-19.77	AV	211.00	150	Vertical	Pass
4	5226.200	99.33	-0.40	--	-159.67	--	259.00	150	Vertical	N/A
4**	5226.200	92.42	-0.40	--	92.42	--	259.00	150	Vertical	N/A
5	12080.412	50.25	19.23	74.0	-23.75	Peak	174.00	150	Vertical	Pass
5**	12080.412	38.64	19.23	54.0	-15.36	AV	174.00	150	Vertical	Pass
6	15611.250	55.46	23.49	74.0	-18.54	Peak	219.00	150	Vertical	Pass
6**	15611.250	45.35	23.49	54.0	-8.65	AV	219.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.100	48.26	-15.01	74.0	-25.74	Peak	35.00	150	Horizontal	Pass
1**	1503.100	37.07	-15.01	54.0	-16.93	AV	35.00	150	Horizontal	Pass
2	2785.100	41.75	-8.82	74.0	-32.25	Peak	363.00	150	Horizontal	Pass
2**	2785.100	31.53	-8.82	54.0	-22.47	AV	363.00	150	Horizontal	Pass
3	4054.000	46.87	-3.78	74.0	-27.13	Peak	276.00	150	Horizontal	Pass
3**	4054.000	35.56	-3.78	54.0	-18.44	AV	276.00	150	Horizontal	Pass
4	5237.800	105.85	-0.90	--	--	Peak	285.00	150	Horizontal	N/A
4**	5237.800	99.13	-0.90	--	--	AV	285.00	150	Horizontal	N/A
5	11665.549	50.39	20.21	74.0	-23.61	Peak	173.00	150	Horizontal	Pass
5**	11665.549	37.65	20.21	54.0	-16.35	AV	173.00	150	Horizontal	Pass
6	15928.612	55.49	23.76	74.0	-18.51	Peak	6.00	150	Horizontal	Pass
6**	15928.612	42.96	23.76	54.0	-11.04	AV	6.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.700	50.63	-15.05	74.0	-23.37	Peak	193.00	150	Vertical	Pass
1**	1479.700	36.21	-15.05	54.0	-17.79	AV	193.00	150	Vertical	Pass
2	2855.400	42.43	-7.72	74.0	-31.57	Peak	108.00	150	Vertical	Pass
2**	2855.400	32.13	-7.72	54.0	-21.87	AV	108.00	150	Vertical	Pass
3	4163.400	46.48	-3.54	74.0	-27.52	Peak	227.00	150	Vertical	Pass
3**	4163.400	36.56	-3.54	54.0	-17.44	AV	227.00	150	Vertical	Pass
4	5237.000	100.43	-0.84	--	--	Peak	257.00	150	Vertical	N/A
4**	5237.000	94.70	-0.84	--	--	AV	257.00	150	Vertical	N/A
5	11596.838	49.88	20.09	74.0	-24.12	Peak	290.00	150	Vertical	Pass
5**	11596.838	37.72	20.09	54.0	-16.28	AV	290.00	150	Vertical	Pass
6	15574.237	55.09	23.58	74.0	-18.91	Peak	325.00	150	Vertical	Pass
6**	15574.237	42.96	23.58	54.0	-11.04	AV	325.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.600	51.22	-15.00	74.0	-22.78	Peak	91.00	150	Horizontal	Pass
1**	1502.600	38.96	-15.00	54.0	-15.04	AV	91.00	150	Horizontal	Pass
2	2798.400	41.18	-8.90	74.0	-32.82	Peak	102.00	150	Horizontal	Pass
2**	2798.400	32.08	-8.90	54.0	-21.92	AV	102.00	150	Horizontal	Pass
3	4085.600	46.61	-4.22	74.0	-27.39	Peak	45.00	150	Horizontal	Pass
3**	4085.600	35.02	-4.22	54.0	-18.98	AV	45.00	150	Horizontal	Pass
4	5176.200	102.89	-0.53	--	--	Peak	336.00	150	Horizontal	N/A
4**	5176.200	96.10	-0.53	--	--	AV	336.00	150	Horizontal	N/A
5	12264.125	50.85	20.35	74.0	-23.15	Peak	309.00	150	Horizontal	Pass
5**	12264.125	37.86	20.35	54.0	-16.14	AV	309.00	150	Horizontal	Pass
6	15677.662	55.18	23.58	74.0	-18.82	Peak	66.00	150	Horizontal	Pass
6**	15677.662	43.47	23.58	54.0	-10.53	AV	66.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.000	47.73	-15.01	74.0	-26.27	Peak	362.00	150	Vertical	Pass
1**	1503.000	34.91	-15.01	54.0	-19.09	AV	362.00	150	Vertical	Pass
2	2097.200	48.54	-11.41	68.2	-19.66	Peak	17.00	150	Vertical	Pass
2**	2097.200	38.43	-11.41	--	--	AV	17.00	150	Vertical	N/A
3	3954.800	47.01	-4.65	74.0	-26.99	Peak	147.00	150	Vertical	Pass
3**	3954.800	34.98	-4.65	54.0	-19.02	AV	147.00	150	Vertical	Pass
4	5185.600	98.98	-0.67	--	--	Peak	295.00	150	Vertical	N/A
4**	5185.600	91.28	-0.67	--	--	AV	295.00	150	Vertical	N/A
5	12136.188	50.26	19.81	74.0	-23.74	Peak	360.00	150	Vertical	Pass
5**	12136.188	40.50	19.81	54.0	-13.50	AV	360.00	150	Vertical	Pass
6	15553.762	54.84	23.60	74.0	-19.16	Peak	304.00	150	Vertical	Pass
6**	15553.762	43.43	23.60	54.0	-10.57	AV	304.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	49.52	-15.19	74.0	-24.48	Peak	33.00	150	Horizontal	Pass
1**	1500.000	36.23	-15.19	54.0	-17.77	AV	33.00	150	Horizontal	Pass
2	2100.200	45.90	-11.56	68.2	-22.30	Peak	296.00	150	Horizontal	Pass
2**	2100.200	40.32	-11.56	--	--	AV	296.00	150	Horizontal	N/A
3	4235.800	47.98	-3.42	74.0	-26.02	Peak	34.00	150	Horizontal	Pass
3**	4235.800	36.02	-3.42	54.0	-17.98	AV	34.00	150	Horizontal	Pass
4	5223.200	105.41	-0.40	--	--	Peak	297.00	150	Horizontal	N/A
4**	5223.200	99.15	-0.40	--	--	AV	297.00	150	Horizontal	N/A
5	11620.987	49.80	20.24	74.0	-24.20	Peak	60.00	150	Horizontal	Pass
5**	11620.987	38.54	20.24	54.0	-15.46	AV	60.00	150	Horizontal	Pass
6	15676.349	55.39	23.57	74.0	-18.61	Peak	199.00	150	Horizontal	Pass
6**	15676.349	44.21	23.57	54.0	-9.79	AV	199.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.300	47.55	-15.01	74.0	-26.45	Peak	62.00	150	Vertical	Pass
1**	1502.300	32.35	-15.01	54.0	-21.65	AV	62.00	150	Vertical	Pass
2	2812.500	41.96	-8.54	74.0	-32.04	Peak	310.00	150	Vertical	Pass
2**	2812.500	32.05	-8.54	54.0	-21.95	AV	310.00	150	Vertical	Pass
3	4076.600	47.09	-3.97	74.0	-26.91	Peak	216.00	150	Vertical	Pass
3**	4076.600	35.66	-3.97	54.0	-18.34	AV	216.00	150	Vertical	Pass
4	5217.600	99.81	-0.27	--	--	Peak	287.00	150	Vertical	N/A
4**	5217.600	93.30	-0.27	--	--	AV	287.00	150	Vertical	N/A
5	11815.338	50.75	18.43	74.0	-23.25	Peak	327.00	150	Vertical	Pass
5**	11815.338	38.86	18.43	54.0	-15.14	AV	327.00	150	Vertical	Pass
6	15668.475	55.20	23.51	74.0	-18.80	Peak	2.00	150	Vertical	Pass
6**	15668.475	44.02	23.51	54.0	-9.98	AV	2.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.300	49.10	-15.18	74.0	-24.90	Peak	28.00	150	Horizontal	Pass
1**	1488.300	43.25	-15.18	54.0	-10.75	AV	28.00	150	Horizontal	Pass
2	2824.900	41.60	-8.49	74.0	-32.40	Peak	183.00	150	Horizontal	Pass
2**	2824.900	32.95	-8.49	54.0	-21.05	AV	183.00	150	Horizontal	Pass
3	4123.000	47.27	-4.09	74.0	-26.73	Peak	173.00	150	Horizontal	Pass
3**	4123.000	35.35	-4.09	54.0	-18.65	AV	173.00	150	Horizontal	Pass
4	5244.600	106.05	-0.79	--	--	Peak	293.00	150	Horizontal	N/A
4**	5244.600	98.61	-0.79	--	--	AV	293.00	150	Horizontal	N/A
5	11611.787	50.60	20.19	74.0	-23.40	Peak	23.00	150	Horizontal	Pass
5**	11611.787	39.35	20.19	54.0	-14.65	AV	23.00	150	Horizontal	Pass
6	15660.862	54.85	23.46	74.0	-19.15	Peak	14.00	150	Horizontal	Pass
6**	15660.862	44.29	23.46	54.0	-9.71	AV	14.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	51.66	-15.19	74.0	-22.34	Peak	300.00	150	Vertical	Pass
1**	1499.900	45.21	-15.19	54.0	-8.79	AV	300.00	150	Vertical	Pass
2	2102.400	48.70	-11.46	68.2	-19.50	Peak	186.00	150	Vertical	Pass
2**	2102.400	37.27	-11.46	--	--	AV	186.00	150	Vertical	N/A
3	4068.000	46.76	-3.88	74.0	-27.24	Peak	360.00	150	Vertical	Pass
3**	4068.000	36.03	-3.88	54.0	-17.97	AV	360.00	150	Vertical	Pass
4	5244.400	101.07	-0.80	--	--	Peak	81.00	150	Vertical	N/A
4**	5244.400	93.49	-0.80	--	--	AV	81.00	150	Vertical	N/A
5	11620.987	50.26	20.24	74.0	-23.74	Peak	342.00	150	Vertical	Pass
5**	11620.987	38.47	20.24	54.0	-15.53	AV	342.00	150	Vertical	Pass
6	15931.500	55.26	23.79	74.0	-18.74	Peak	360.00	150	Vertical	Pass
6**	15931.500	43.18	23.79	54.0	-10.82	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.500	47.11	-15.18	74.0	-26.89	Peak	36.00	150	Horizontal	Pass
1**	1500.500	39.00	-15.18	54.0	-15.00	AV	36.00	150	Horizontal	Pass
2	2856.100	41.84	-7.72	74.0	-32.16	Peak	329.00	150	Horizontal	Pass
2**	2856.100	33.35	-7.72	54.0	-20.65	AV	329.00	150	Horizontal	Pass
3	4231.000	47.51	-3.44	74.0	-26.49	Peak	150.00	150	Horizontal	Pass
3**	4231.000	35.53	-3.44	54.0	-18.47	AV	150.00	150	Horizontal	Pass
4	5196.800	102.36	-0.77	--	--	Peak	287.00	150	Horizontal	N/A
4**	5196.800	95.78	-0.77	--	--	AV	287.00	150	Horizontal	N/A
5	11598.850	50.17	20.12	74.0	-23.83	Peak	100.00	150	Horizontal	Pass
5**	11598.850	38.80	20.12	54.0	-15.20	AV	100.00	150	Horizontal	Pass
6	15421.463	55.34	23.16	74.0	-18.66	Peak	3.00	150	Horizontal	Pass
6**	15421.463	42.79	23.16	54.0	-11.21	AV	3.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.400	46.41	-15.00	74.0	-27.59	Peak	362.00	150	Vertical	Pass
1**	1502.400	32.67	-15.00	54.0	-21.33	AV	362.00	150	Vertical	Pass
2	2100.100	47.10	-11.57	68.2	-21.10	Peak	362.00	150	Vertical	Pass
2**	2100.100	35.57	-11.57	--	--	AV	362.00	150	Vertical	N/A
3	4153.600	47.41	-3.56	74.0	-26.59	Peak	11.00	150	Vertical	Pass
3**	4153.600	35.22	-3.56	54.0	-18.78	AV	11.00	150	Vertical	Pass
4	5185.000	97.02	-0.66	--	--	Peak	293.00	150	Vertical	N/A
4**	5185.000	90.47	-0.66	--	--	AV	293.00	150	Vertical	N/A
5	11619.262	50.11	20.23	74.0	-23.89	Peak	264.00	150	Vertical	Pass
5**	11619.262	38.58	20.23	54.0	-15.42	AV	264.00	150	Vertical	Pass
6	15735.412	55.15	23.48	74.0	-18.85	Peak	278.00	150	Vertical	Pass
6**	15735.412	43.54	23.48	54.0	-10.46	AV	278.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	48.53	-15.20	74.0	-25.47	Peak	110.00	150	Horizontal	Pass
1**	1500.100	36.97	-15.20	54.0	-17.03	AV	110.00	150	Horizontal	Pass
2	2839.100	41.77	-8.37	74.0	-32.23	Peak	152.00	150	Horizontal	Pass
2**	2839.100	32.03	-8.37	54.0	-21.97	AV	152.00	150	Horizontal	Pass
3	3970.200	47.23	-4.18	74.0	-26.77	Peak	234.00	150	Horizontal	Pass
3**	3970.200	34.91	-4.18	54.0	-19.09	AV	234.00	150	Horizontal	Pass
4	5228.400	103.04	-0.49	--	-240.96	--	344.00	150	Horizontal	N/A
4**	5228.400	95.91	-0.49	--	95.91	--	344.00	150	Horizontal	N/A
5	11675.900	49.65	20.11	74.0	-24.35	Peak	210.00	150	Horizontal	Pass
5**	11675.900	38.23	20.11	54.0	-15.77	AV	210.00	150	Horizontal	Pass
6	15602.850	55.20	23.54	74.0	-18.80	Peak	59.00	150	Horizontal	Pass
6**	15602.850	43.72	23.54	54.0	-10.28	AV	59.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.400	54.71	-15.18	74.0	-19.29	Peak	194.00	150	Vertical	Pass
1**	1499.400	32.16	-15.18	54.0	-21.84	AV	194.00	150	Vertical	Pass
2	2099.900	47.75	-11.60	68.2	-20.45	Peak	359.00	150	Vertical	Pass
2**	2099.900	39.43	-11.60	--	--	AV	359.00	150	Vertical	N/A
3	4197.200	47.76	-3.97	74.0	-26.24	Peak	360.00	150	Vertical	Pass
3**	4197.200	35.55	-3.97	54.0	-18.45	AV	360.00	150	Vertical	Pass
4	5232.400	98.07	-0.57	--	--	Peak	256.00	150	Vertical	N/A
4**	5232.400	92.15	-0.57	--	--	AV	256.00	150	Vertical	N/A
5	11659.800	50.83	20.27	74.0	-23.17	Peak	76.00	150	Vertical	Pass
5**	11659.800	38.12	20.27	54.0	-15.88	AV	76.00	150	Vertical	Pass
6	15960.112	55.09	23.99	74.0	-18.91	Peak	195.00	150	Vertical	Pass
6**	15960.112	44.66	23.99	54.0	-9.34	AV	195.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.800	50.08	-15.00	74.0	-23.92	Peak	126.00	150	Horizontal	Pass
1**	1502.800	40.26	-15.00	54.0	-13.74	AV	126.00	150	Horizontal	Pass
2	2099.900	45.97	-11.60	68.2	-22.23	Peak	306.00	150	Horizontal	Pass
2**	2099.900	34.28	-11.60	--	--	AV	306.00	150	Horizontal	N/A
3	4056.600	46.70	-3.90	74.0	-27.30	Peak	0.00	150	Horizontal	Pass
3**	4056.600	34.86	-3.90	54.0	-19.14	AV	0.00	150	Horizontal	Pass
4	5184.600	103.06	-0.64	--	--	Peak	283.00	150	Horizontal	N/A
4**	5184.600	96.42	-0.64	--	--	AV	283.00	150	Horizontal	N/A
5	11535.887	49.74	19.58	74.0	-24.26	Peak	181.00	150	Horizontal	Pass
5**	11535.887	37.95	19.58	54.0	-16.05	AV	181.00	150	Horizontal	Pass
6	15551.662	54.50	23.60	74.0	-19.50	Peak	107.00	150	Horizontal	Pass
6**	15551.662	43.03	23.60	54.0	-10.97	AV	107.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	48.15	-15.17	74.0	-25.85	Peak	358.00	150	Vertical	Pass
1**	1498.700	33.57	-15.17	54.0	-20.43	AV	358.00	150	Vertical	Pass
2	2100.000	48.86	-11.58	68.2	-19.34	Peak	180.00	150	Vertical	Pass
2**	2100.000	36.07	-11.58	--	--	AV	180.00	150	Vertical	N/A
3	4040.600	46.94	-3.97	74.0	-27.06	Peak	18.00	150	Vertical	Pass
3**	4040.600	34.70	-3.97	54.0	-19.30	AV	18.00	150	Vertical	Pass
4	5182.600	99.16	-0.57	--	--	Peak	297.00	150	Vertical	N/A
4**	5182.600	92.65	-0.57	--	--	AV	297.00	150	Vertical	N/A
5	11091.987	50.48	18.91	74.0	-23.52	Peak	357.00	150	Vertical	Pass
5**	11091.987	37.04	18.91	54.0	-16.96	AV	357.00	150	Vertical	Pass
6	15668.213	54.94	23.51	74.0	-19.06	Peak	252.00	150	Vertical	Pass
6**	15668.213	44.24	23.51	54.0	-9.76	AV	252.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.500	48.18	-15.01	74.0	-25.82	Peak	43.00	150	Horizontal	Pass
1**	1517.500	40.48	-15.01	54.0	-13.52	AV	43.00	150	Horizontal	Pass
2	2099.900	49.55	-11.60	68.2	-18.65	Peak	101.00	150	Horizontal	Pass
2**	2099.900	33.29	-11.60	--	--	AV	101.00	150	Horizontal	N/A
3	3970.800	47.37	-4.19	74.0	-26.63	Peak	170.00	150	Horizontal	Pass
3**	3970.800	36.27	-4.19	54.0	-17.73	AV	170.00	150	Horizontal	Pass
4	5224.000	105.82	-0.42	--	--	Peak	294.00	150	Horizontal	N/A
4**	5224.000	99.26	-0.42	--	--	AV	294.00	150	Horizontal	N/A
5	12141.075	49.80	19.86	74.0	-24.20	Peak	270.00	150	Horizontal	Pass
5**	12141.075	38.14	19.86	54.0	-15.86	AV	270.00	150	Horizontal	Pass
6	15686.587	54.49	23.58	74.0	-19.51	Peak	43.00	150	Horizontal	Pass
6**	15686.587	44.17	23.58	54.0	-9.83	AV	43.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.300	49.13	-15.08	74.0	-24.87	Peak	279.00	150	Vertical	Pass
1**	1497.300	34.08	-15.08	54.0	-19.92	AV	279.00	150	Vertical	Pass
2	2090.500	47.31	-11.85	68.2	-20.89	Peak	363.00	150	Vertical	Pass
2**	2090.500	30.97	-11.85	--	--	AV	363.00	150	Vertical	N/A
3	4022.400	47.67	-4.05	74.0	-26.33	Peak	142.00	150	Vertical	Pass
3**	4022.400	34.69	-4.05	54.0	-19.31	AV	142.00	150	Vertical	Pass
4	5221.600	100.11	-0.38	--	--	Peak	293.00	150	Vertical	N/A
4**	5221.600	93.02	-0.38	--	--	AV	293.00	150	Vertical	N/A
5	11530.424	50.22	19.53	74.0	-23.78	Peak	106.00	150	Vertical	Pass
5**	11530.424	37.80	19.53	54.0	-16.20	AV	106.00	150	Vertical	Pass
6	15649.838	55.17	23.52	74.0	-18.83	Peak	325.00	150	Vertical	Pass
6**	15649.838	42.75	23.52	54.0	-11.25	AV	325.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.900	46.86	-15.01	74.0	-27.14	Peak	110.00	150	Horizontal	Pass
1**	1502.900	33.83	-15.01	54.0	-20.17	AV	110.00	150	Horizontal	Pass
2	2102.200	48.61	-11.43	68.2	-19.59	Peak	316.00	150	Horizontal	Pass
2**	2102.200	31.45	-11.43	--	31.45	--	316.00	150	Horizontal	N/A
3	3986.200	46.90	-4.34	74.0	-27.10	Peak	256.00	150	Horizontal	Pass
3**	3986.200	34.90	-4.34	54.0	-19.10	AV	256.00	150	Horizontal	Pass
4	5243.800	105.97	-0.83	--	-189.03	--	295.00	150	Horizontal	N/A
4**	5243.800	98.38	-0.83	--	98.38	--	295.00	150	Horizontal	N/A
5	11609.775	50.61	20.18	74.0	-23.39	Peak	346.00	150	Horizontal	Pass
5**	11609.775	40.88	20.18	54.0	-13.12	AV	346.00	150	Horizontal	Pass
6	15645.112	55.56	23.54	74.0	-18.44	Peak	101.00	150	Horizontal	Pass
6**	15645.112	43.31	23.54	54.0	-10.69	AV	101.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	47.01	-15.17	74.0	-26.99	Peak	307.00	150	Vertical	Pass
1**	1499.000	35.96	-15.17	54.0	-18.04	AV	307.00	150	Vertical	Pass
2	2105.900	47.85	-11.59	68.2	-20.35	Peak	361.00	150	Vertical	Pass
2**	2105.900	33.82	-11.59	--	--	AV	361.00	150	Vertical	N/A
3	4002.400	46.71	-4.63	74.0	-27.29	Peak	130.00	150	Vertical	Pass
3**	4002.400	35.37	-4.63	54.0	-18.63	AV	130.00	150	Vertical	Pass
4	5234.600	100.72	-0.75	--	--	Peak	258.00	150	Vertical	N/A
4**	5234.600	92.90	-0.75	--	--	AV	258.00	150	Vertical	N/A
5	11666.987	49.83	20.20	74.0	-24.17	Peak	24.00	150	Vertical	Pass
5**	11666.987	38.52	20.20	54.0	-15.48	AV	24.00	150	Vertical	Pass
6	15942.787	54.91	23.92	74.0	-19.09	Peak	343.00	150	Vertical	Pass
6**	15942.787	43.54	23.92	54.0	-10.46	AV	343.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.800	50.38	-15.15	74.0	-23.62	Peak	116.00	150	Horizontal	Pass
1**	1500.800	40.42	-15.15	54.0	-13.58	AV	116.00	150	Horizontal	Pass
2	2101.800	47.62	-11.36	68.2	-20.58	Peak	163.00	150	Horizontal	Pass
2**	2101.800	37.42	-11.36	--	37.42	--	163.00	150	Horizontal	N/A
3	4276.000	47.62	-3.43	74.0	-26.38	Peak	222.00	150	Horizontal	Pass
3**	4276.000	36.78	-3.43	54.0	-17.22	AV	222.00	150	Horizontal	Pass
4	5205.000	101.84	-0.49	--	-186.16	--	288.00	150	Horizontal	N/A
4**	5205.000	95.49	-0.49	--	95.49	--	288.00	150	Horizontal	N/A
5	11625.875	50.09	20.27	74.0	-23.91	Peak	290.00	150	Horizontal	Pass
5**	11625.875	39.69	20.27	54.0	-14.31	AV	290.00	150	Horizontal	Pass
6	15612.037	55.04	23.49	74.0	-18.96	Peak	273.00	150	Horizontal	Pass
6**	15612.037	43.25	23.49	54.0	-10.75	AV	273.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	47.76	-15.19	74.0	-26.24	Peak	313.00	150	Vertical	Pass
1**	1499.600	34.81	-15.19	54.0	-19.19	AV	313.00	150	Vertical	Pass
2	2110.200	51.13	-11.70	68.2	-17.07	Peak	363.00	150	Vertical	Pass
2**	2110.200	45.33	-11.70	--	--	AV	363.00	150	Vertical	N/A
3	4254.400	47.46	-3.06	74.0	-26.54	Peak	281.00	150	Vertical	Pass
3**	4254.400	36.69	-3.06	54.0	-17.31	AV	281.00	150	Vertical	Pass
4	5191.400	96.83	-0.71	--	--	Peak	254.00	150	Vertical	N/A
4**	5191.400	89.66	-0.71	--	--	AV	254.00	150	Vertical	N/A
5	12197.425	50.39	20.41	74.0	-23.61	Peak	357.00	150	Vertical	Pass
5**	12197.425	38.30	20.41	54.0	-15.70	AV	357.00	150	Vertical	Pass
6	15683.174	54.76	23.59	74.0	-19.24	Peak	108.00	150	Vertical	Pass
6**	15683.174	43.01	23.59	54.0	-10.99	AV	108.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	49.05	-15.17	74.0	-24.95	Peak	361.00	150	Horizontal	Pass
1**	1498.700	34.41	-15.17	54.0	-19.59	AV	361.00	150	Horizontal	Pass
2	2089.600	49.50	-11.89	68.2	-18.70	Peak	100.00	150	Horizontal	Pass
2**	2089.600	39.63	-11.89	--	--	AV	100.00	150	Horizontal	N/A
3	4042.600	47.28	-3.91	74.0	-26.72	Peak	297.00	150	Horizontal	Pass
3**	4042.600	35.07	-3.91	54.0	-18.93	AV	297.00	150	Horizontal	Pass
4	5227.600	103.56	-0.48	--	--	Peak	286.00	150	Horizontal	N/A
4**	5227.600	96.13	-0.48	--	--	AV	286.00	150	Horizontal	N/A
5	11625.012	50.74	20.27	74.0	-23.26	Peak	151.00	150	Horizontal	Pass
5**	11625.012	38.04	20.27	54.0	-15.96	AV	151.00	150	Horizontal	Pass
6	15612.300	55.21	23.49	74.0	-18.79	Peak	1.00	150	Horizontal	Pass
6**	15612.300	44.44	23.49	54.0	-9.56	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.000	47.91	-15.14	74.0	-26.09	Peak	76.00	150	Vertical	Pass
1**	1501.000	34.61	-15.14	54.0	-19.39	AV	76.00	150	Vertical	Pass
2	2100.200	45.61	-11.56	68.2	-22.59	Peak	91.00	150	Vertical	Pass
2**	2100.200	40.26	-11.56	--	--	AV	91.00	150	Vertical	N/A
3	3769.200	47.09	-4.57	74.0	-26.91	Peak	198.00	150	Vertical	Pass
3**	3769.200	34.99	-4.57	54.0	-19.01	AV	198.00	150	Vertical	Pass
4	5217.400	98.96	-0.28	--	--	Peak	286.00	150	Vertical	N/A
4**	5217.400	91.23	-0.28	--	--	AV	286.00	150	Vertical	N/A
5	11583.325	50.28	19.93	74.0	-23.72	Peak	124.00	150	Vertical	Pass
5**	11583.325	38.79	19.93	54.0	-15.21	AV	124.00	150	Vertical	Pass
6	15984.787	56.52	24.01	74.0	-17.48	Peak	52.00	150	Vertical	Pass
6**	15984.787	45.25	24.01	54.0	-8.75	AV	52.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.300	51.08	-15.16	74.0	-22.92	Peak	40.00	150	Horizontal	Pass
1**	1498.300	34.94	-15.16	54.0	-19.06	AV	40.00	150	Horizontal	Pass
2	2099.700	47.34	-11.63	68.2	-20.86	Peak	0.00	150	Horizontal	Pass
2**	2099.700	33.80	-11.63	--	--	AV	0.00	150	Horizontal	N/A
3	4304.000	47.91	-3.55	74.0	-26.09	Peak	52.00	150	Horizontal	Pass
3**	4304.000	36.09	-3.55	54.0	-17.91	AV	52.00	150	Horizontal	Pass
4	5227.200	100.63	-0.48	--	--	Peak	295.00	150	Horizontal	N/A
4**	5227.200	93.17	-0.48	--	--	AV	295.00	150	Horizontal	N/A
5	12331.112	51.26	19.84	74.0	-22.74	Peak	172.00	150	Horizontal	Pass
5**	12331.112	38.83	19.84	54.0	-15.17	AV	172.00	150	Horizontal	Pass
6	15918.900	55.18	23.62	74.0	-18.82	Peak	215.00	150	Horizontal	Pass
6**	15918.900	44.00	23.62	54.0	-10.00	AV	215.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.400	48.66	-15.00	74.0	-25.34	Peak	100.00	150	Vertical	Pass
1**	1502.400	42.12	-15.00	54.0	-11.88	AV	100.00	150	Vertical	Pass
2	2100.300	47.22	-11.54	68.2	-20.98	Peak	250.00	150	Vertical	Pass
2**	2100.300	36.23	-11.54	--	--	AV	250.00	150	Vertical	N/A
3	4016.800	47.10	-4.09	74.0	-26.90	Peak	141.00	150	Vertical	Pass
3**	4016.800	36.24	-4.09	54.0	-17.76	AV	141.00	150	Vertical	Pass
4	5220.200	94.91	-0.29	--	--	Peak	292.00	150	Vertical	N/A
4**	5220.200	87.92	-0.29	--	--	AV	292.00	150	Vertical	N/A
5	12183.338	50.41	20.29	74.0	-23.59	Peak	307.00	150	Vertical	Pass
5**	12183.338	38.12	20.29	54.0	-15.88	AV	307.00	150	Vertical	Pass
6	15673.463	55.04	23.55	74.0	-18.96	Peak	3.00	150	Vertical	Pass
6**	15673.463	44.19	23.55	54.0	-9.81	AV	3.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.600	52.13	-15.19	74.0	-21.87	Peak	35.00	150	Horizontal	Pass
1**	1499.600	42.85	-15.19	54.0	-11.15	AV	35.00	150	Horizontal	Pass
2	2109.700	49.05	-11.68	68.2	-19.15	Peak	318.00	150	Horizontal	Pass
2**	2109.700	36.79	-11.68	--	--	AV	318.00	150	Horizontal	N/A
3	4125.600	47.59	-3.97	74.0	-26.41	Peak	0.00	150	Horizontal	Pass
3**	4125.600	36.56	-3.97	54.0	-17.44	AV	0.00	150	Horizontal	Pass
4	5262.400	106.38	-0.98	--	--	Peak	339.00	150	Horizontal	N/A
4**	5262.400	101.04	-0.98	--	--	AV	339.00	150	Horizontal	N/A
5	12405.287	50.54	19.13	74.0	-23.46	Peak	345.00	150	Horizontal	Pass
5**	12405.287	37.97	19.13	54.0	-16.03	AV	345.00	150	Horizontal	Pass
6	15634.350	55.75	23.53	74.0	-18.25	Peak	1.00	150	Horizontal	Pass
6**	15634.350	43.52	23.53	54.0	-10.48	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.100	48.29	-15.13	74.0	-25.71	Peak	361.00	150	Vertical	Pass
1**	1490.100	38.63	-15.13	54.0	-15.37	AV	361.00	150	Vertical	Pass
2	2117.800	49.33	-11.78	68.2	-18.87	Peak	186.00	150	Vertical	Pass
2**	2117.800	30.03	-11.78	--	--	AV	186.00	150	Vertical	N/A
3	4100.400	47.27	-4.27	74.0	-26.73	Peak	281.00	150	Vertical	Pass
3**	4100.400	35.62	-4.27	54.0	-18.38	AV	281.00	150	Vertical	Pass
4	5266.600	101.63	-0.60	--	--	Peak	291.00	150	Vertical	N/A
4**	5266.600	95.43	-0.60	--	--	AV	291.00	150	Vertical	N/A
5	12352.963	50.83	19.69	74.0	-23.17	Peak	23.00	150	Vertical	Pass
5**	12352.963	38.61	19.69	54.0	-15.39	AV	23.00	150	Vertical	Pass
6	15700.237	55.24	23.57	74.0	-18.76	Peak	231.00	150	Vertical	Pass
6**	15700.237	42.79	23.57	54.0	-11.21	AV	231.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	51.83	-15.19	74.0	-22.17	Peak	363.00	150	Horizontal	Pass
1**	1500.000	39.12	-15.19	54.0	-14.88	AV	363.00	150	Horizontal	Pass
2	2099.700	51.52	-11.63	68.2	-16.68	Peak	156.00	150	Horizontal	Pass
2**	2099.700	38.63	-11.63	--	--	AV	156.00	150	Horizontal	N/A
3	4181.400	47.21	-3.94	74.0	-26.79	Peak	164.00	150	Horizontal	Pass
3**	4181.400	37.20	-3.94	54.0	-16.80	AV	164.00	150	Horizontal	Pass
4	5301.400	108.84	0.28	--	--	Peak	291.00	150	Horizontal	N/A
4**	5301.400	101.57	0.28	--	--	AV	291.00	150	Horizontal	N/A
5	12277.349	50.10	20.25	74.0	-23.90	Peak	141.00	150	Horizontal	Pass
5**	12277.349	38.72	20.25	54.0	-15.28	AV	141.00	150	Horizontal	Pass
6	15940.163	55.34	23.90	74.0	-18.66	Peak	318.00	150	Horizontal	Pass
6**	15940.163	44.06	23.90	54.0	-9.94	AV	318.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.800	45.34	-15.12	74.0	-28.66	Peak	363.00	150	Vertical	Pass
1**	1497.800	37.82	-15.12	54.0	-16.18	AV	363.00	150	Vertical	Pass
2	2099.800	48.73	-11.61	68.2	-19.47	Peak	279.00	150	Vertical	Pass
2**	2099.800	37.26	-11.61	--	--	AV	279.00	150	Vertical	N/A
3	4216.600	47.07	-3.91	74.0	-26.93	Peak	360.00	150	Vertical	Pass
3**	4216.600	35.37	-3.91	54.0	-18.63	AV	360.00	150	Vertical	Pass
4	5295.800	104.01	0.19	--	--	Peak	286.00	150	Vertical	N/A
4**	5295.800	96.87	0.19	--	--	AV	286.00	150	Vertical	N/A
5	12350.375	50.89	19.71	74.0	-23.11	Peak	360.00	150	Vertical	Pass
5**	12350.375	39.20	19.71	54.0	-14.80	AV	360.00	150	Vertical	Pass
6	15532.763	55.42	23.73	74.0	-18.58	Peak	263.00	150	Vertical	Pass
6**	15532.763	43.22	23.73	54.0	-10.78	AV	263.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.900	52.93	-15.19	74.0	-21.07	Peak	363.00	150	Horizontal	Pass
1**	1499.900	36.59	-15.19	54.0	-17.41	AV	363.00	150	Horizontal	Pass
2	2098.400	48.71	-11.51	68.2	-19.49	Peak	182.00	150	Horizontal	Pass
2**	2098.400	36.18	-11.51	--	--	AV	182.00	150	Horizontal	N/A
3	3972.400	47.34	-4.20	74.0	-26.66	Peak	167.00	150	Horizontal	Pass
3**	3972.400	34.83	-4.20	54.0	-19.17	AV	167.00	150	Horizontal	Pass
4	5319.000	108.78	0.15	--	--	Peak	289.00	150	Horizontal	N/A
4**	5319.000	102.97	0.15	--	--	AV	289.00	150	Horizontal	N/A
5	12338.875	50.96	19.79	74.0	-23.04	Peak	354.00	150	Horizontal	Pass
5**	12338.875	38.41	19.79	54.0	-15.59	AV	354.00	150	Horizontal	Pass
6	15634.088	55.19	23.53	74.0	-18.81	Peak	1.00	150	Horizontal	Pass
6**	15634.088	45.22	23.53	54.0	-8.78	AV	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	49.04	-15.17	74.0	-24.96	Peak	13.00	150	Vertical	Pass
1**	1499.100	32.60	-15.17	54.0	-21.40	AV	13.00	150	Vertical	Pass
2	2102.400	49.27	-11.46	68.2	-18.93	Peak	362.00	150	Vertical	Pass
2**	2102.400	41.40	-11.46	--	--	AV	362.00	150	Vertical	N/A
3	4255.400	47.04	-3.10	74.0	-26.96	Peak	47.00	150	Vertical	Pass
3**	4255.400	36.20	-3.10	54.0	-17.80	AV	47.00	150	Vertical	Pass
4	5319.000	104.06	0.15	--	--	Peak	287.00	150	Vertical	N/A
4**	5319.000	98.21	0.15	--	--	AV	287.00	150	Vertical	N/A
5	11678.488	50.19	20.08	74.0	-23.81	Peak	203.00	150	Vertical	Pass
5**	11678.488	39.06	20.08	54.0	-14.94	AV	203.00	150	Vertical	Pass
6	15681.599	55.59	23.59	74.0	-18.41	Peak	1.00	150	Vertical	Pass
6**	15681.599	43.71	23.59	54.0	-10.29	AV	1.00	150	Vertical	Pass