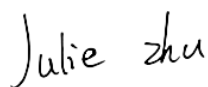


TEST REPORT

Applicant: SEUIC Technologies Co., Ltd.
Address: NO.15 Xinghuo Road, Nanjing New & High
Technology Industry Development Zone, 210061,
Nanjing City, Jiangsu Province, China
Equipment Type: Rugged Tablet PC
Model Name: AUTOID Pad Air(Win)
Brand Name: Seuic
FCC ID: 2AC68-PADAIRWIN
Test Standard: 47 CFR Part 15 Subpart E
(refer section 3.1)
Sample Arrival Date: Nov. 07, 2022
Test Date: Nov. 10, 2022 - Nov. 28, 2022
Date of Issue: Jan. 16, 2023

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie zhu**Checked by:** Ye Hongji**Approved by:** Liao Jianming
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jan. 10, 2023</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Jan. 16, 2023</u>	<u>Updated the test setup in 4.5.3</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	SEUIC Technologies Co., Ltd.
Address	NO.15 Xinghuo Road, Nanjing New & High Technology Industry Development Zone, 210061, Nanjing City, Jiangsu Province, China

2.2 Manufacturer Information

Manufacturer	SEUIC Technologies Co., Ltd.
Address	NO.15 Xinghuo Road, Nanjing New & High Technology Industry Development Zone, 210061, Nanjing City, Jiangsu Province, China

2.3 Factory Information

Factory	SEUIC Technologies Co., Ltd.
Address	3rd Floor, No.4 Building, Zhicheng Industrial Park, Zhida Road, Nanjing Jiangbei New Area, Nanjing City, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Rugged Tablet PC
Model Name Under Test	AUTOID Pad Air(Win)
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/2A/2C/3, NFC
-----------------------------------	--

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	Portable for FCC standard	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 14.98 dBm U-NII-2A: 14.96 dBm U-NII-2C: 14.77 dBm U-NII-3: 15.40 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac	
Antenna Type	Main Antenna	PIFA Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	U-NII-1: 5150 MHz to 5250 MHz: 3.28 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.84 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.53 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.53 dBi
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 2.14 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.58 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.31 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.04 dBi
Total directiona l gain	For power spectral density(PSD)	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 5.74 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.72 dBi

	measurements	U-NII-2C: 5470 MHz to 5725 MHz: 4.43 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.30 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 2.75 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.71 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.42 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.29 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 5.74 dBi U-NII-2A: 5250 MHz to 5350 MHz: 4.72 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.43 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.30 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 2.75 dBi U-NII-2A: 5250 MHz to 5350 MHz: 1.71 dBi U-NII-2C: 5470 MHz to 5725 MHz: 1.42 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.29 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi
About the Product		The equipment is Rugged Tablet PC, 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 data was shown in this report.			

2.6 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	134	5670		
100	5500	151	5755		
104	5520	159	5795		
108	5540				
112	5560				
116	5580				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	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	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
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 Test Verdict

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

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	50% to 66%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.2°C to +24.4°C
	LT (Low Temperature)	0°C
	HT (High Temperature)	+45°C
Working Voltage of the EUT	NV (Normal Voltage)	7.7 V
	LV (Low Voltage)	7.2 V
	HV (High Voltage)	8.4 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	2022.07.26	2023.07.25
Power Sensor	ROHDE&SCHWARZ	NRP18S	102521	2022.03.09	2023.03.08
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.01.04	2023.01.03
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2022.09.06	2023.09.05
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2022.06.29	2023.06.28
Test Antenna-Horn (1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB- 180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2021.09.04	2024.09.03
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2022.09.09	2023.09.08
Test Antenna-Loop (9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2021.08.15	2024.08.14
Test Antenna-Bi-Log (30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2022.09.08	2023.09.07
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2020.03.16	2023.03.15
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2022.09.09	2023.09.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2022.06.01	2023.05.31
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	N/A	2022.02.19	2025.02.18
Amplifier (1-12GHz)	COM-MV	LSCX_LNA 1-12G-01	180602	2020.09.08	2023.09.07
Amplifier	COM-MV	XKu_LNA7-	180601	2020.09.08	2023.09.07

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
(7-18GHz)		18G-01			
Amplifier (18-40GHz)	COM-MV	KA_LNA18- 40G-01	18050001	2020.09.08	2023.09.07

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V19.8.28.435	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

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

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

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.82℃
Humidity	4.1%

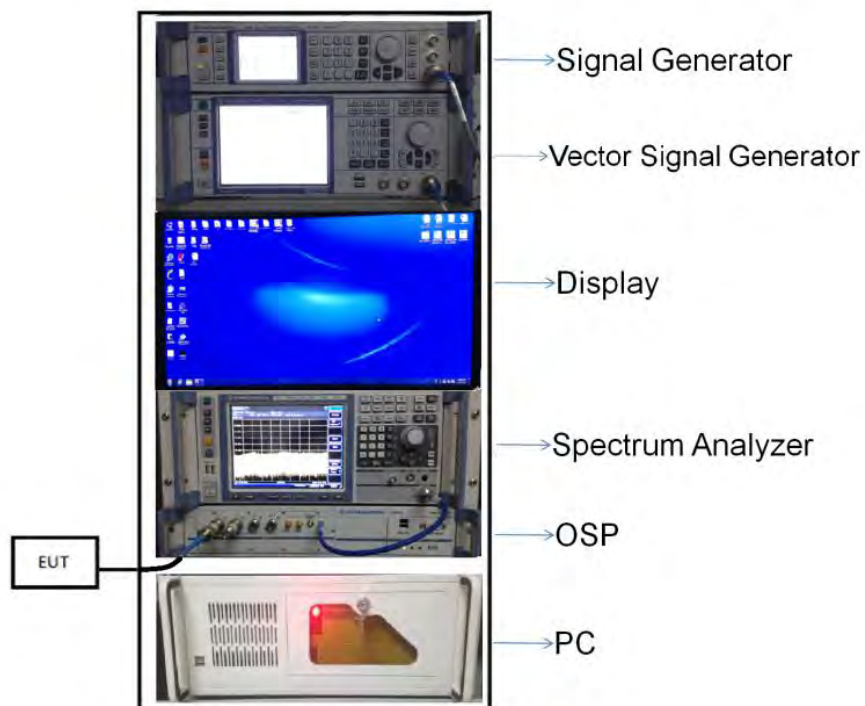
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

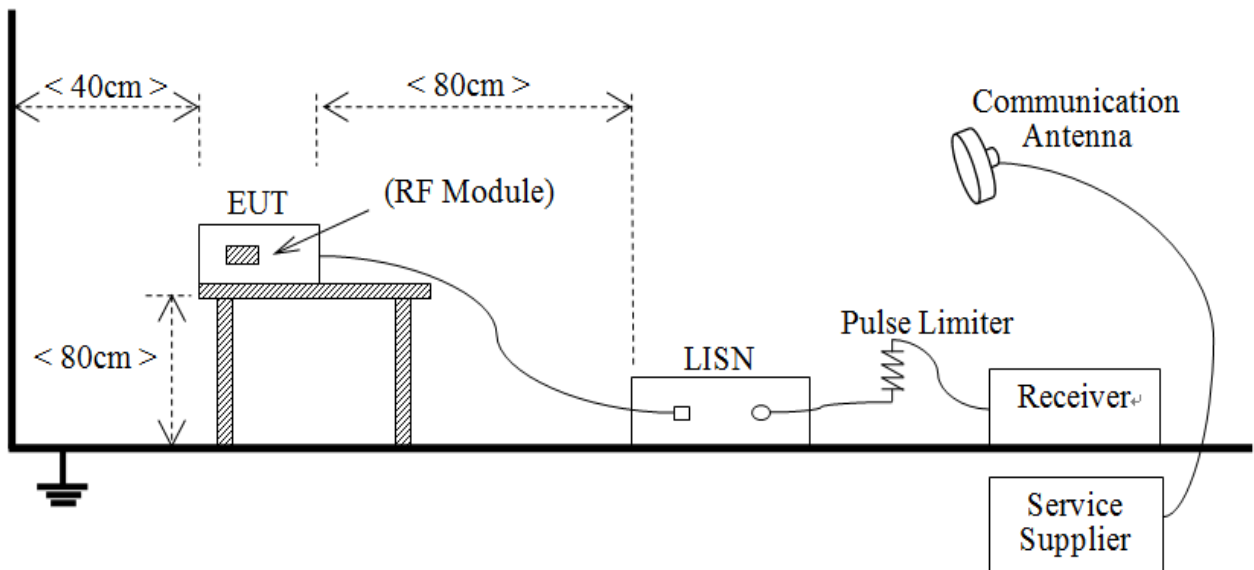
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



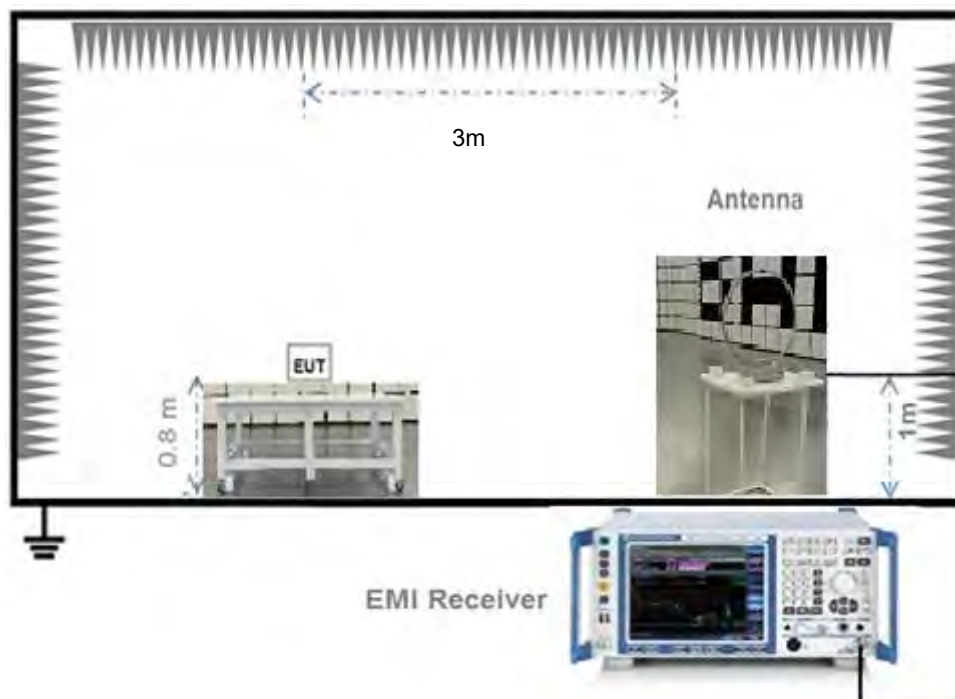
(Diagram 1)

4.5.2 For AC Power Supply Port Test



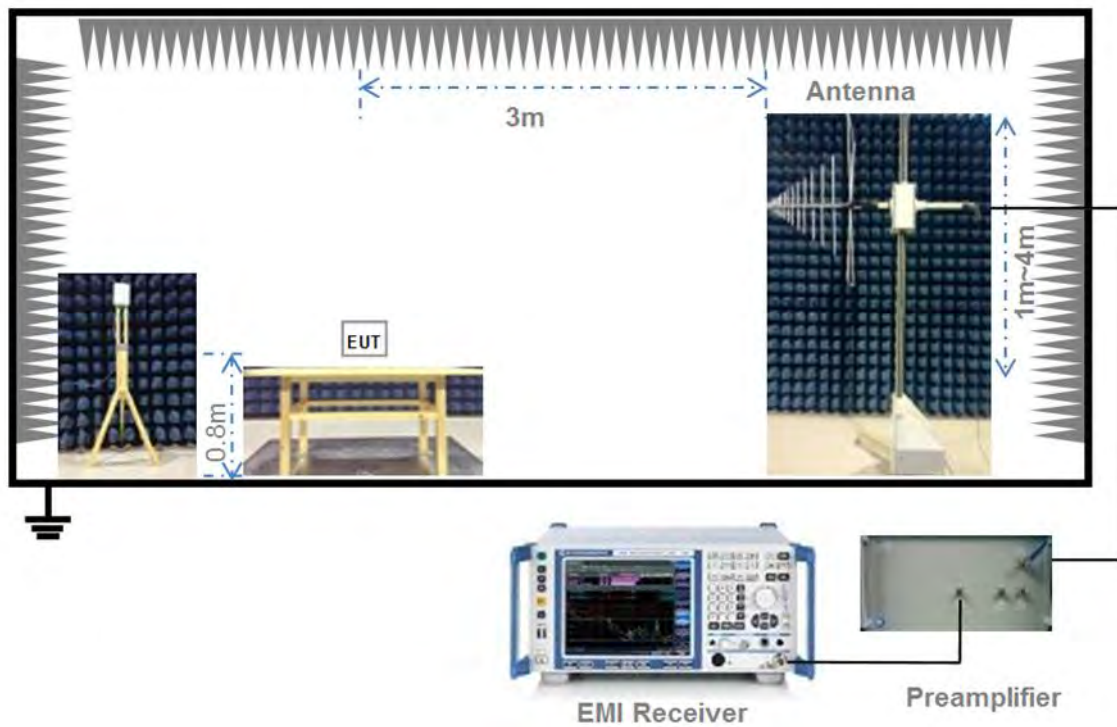
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



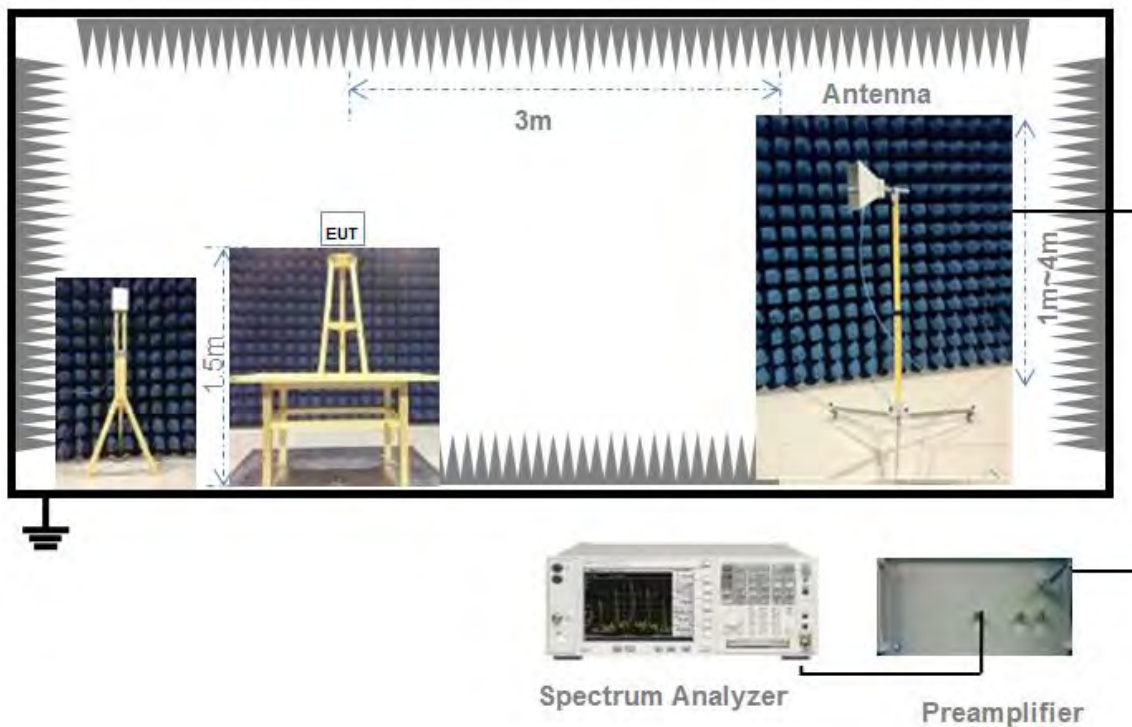
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ 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

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

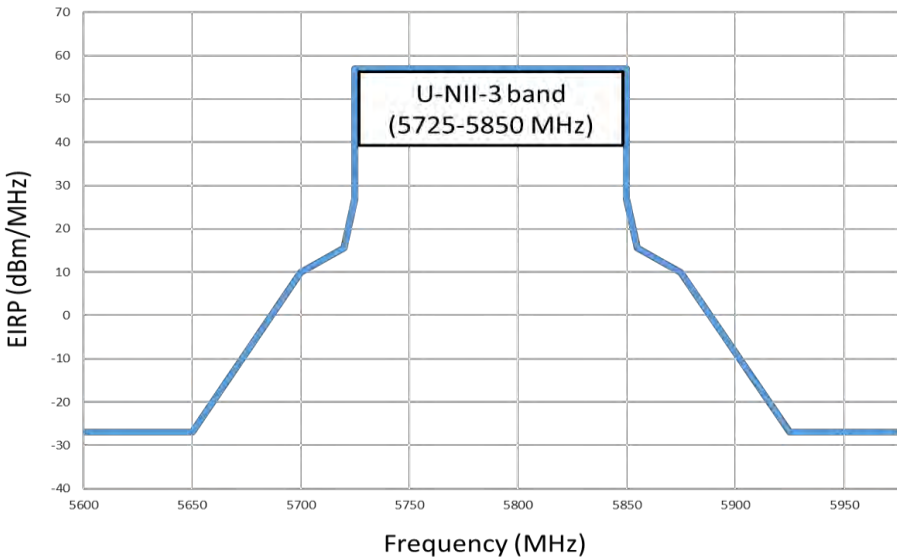
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	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

Note ¹: The Limit for radiated test was performed according to FCC Part 15C

Note ²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

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

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ 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: 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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	2.05	2.08	98.65%
11n (HT20)/11ac (VHT20)	1.92	1.94	98.82%
11n (HT40)/11ac (VHT40)	0.94	0.97	97.16%
11ac (VHT80)	0.44	0.46	94.15%

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	13.19	20.84	250	Pass
11a	CH44	14.63	29.04	250	Pass
11a	CH48	14.98	31.48	250	Pass
11n (HT20)	CH36	12.61	18.24	250	Pass
11n (HT20)	CH44	14.44	27.80	250	Pass
11n (HT20)	CH48	14.81	30.27	250	Pass
11n (HT40)	CH38	9.35	8.61	250	Pass
11n (HT40)	CH46	12.59	18.16	250	Pass
11ac (VHT20)	CH36	12.40	17.38	250	Pass
11ac (VHT20)	CH44	14.63	29.04	250	Pass
11ac (VHT20)	CH48	14.74	29.79	250	Pass
11ac (VHT40)	CH38	9.38	8.67	250	Pass
11ac (VHT40)	CH46	14.48	28.05	250	Pass
11ac (VHT80)	CH42	7.01	5.02	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.69	29.44	250	Pass
11a	CH60	14.93	31.12	250	Pass
11a	CH64	14.63	29.04	250	Pass
11n (HT20)	CH52	14.55	28.51	250	Pass
11n (HT20)	CH60	14.63	29.04	250	Pass
11n (HT20)	CH64	14.33	27.10	250	Pass
11n (HT40)	CH54	12.67	18.49	250	Pass
11n (HT40)	CH62	11.28	13.43	250	Pass
11ac (VHT20)	CH52	14.57	28.64	250	Pass
11ac (VHT20)	CH60	14.51	28.25	250	Pass
11ac (VHT20)	CH64	14.35	27.23	250	Pass
11ac (VHT40)	CH54	14.96	31.33	250	Pass
11ac (VHT40)	CH62	11.25	13.34	250	Pass
11ac (VHT80)	CH58	8.40	6.92	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.86	24.32	250	Pass
11a	CH116	14.16	26.06	250	Pass
11a	CH140	13.60	22.91	250	Pass
11n (HT20)	CH100	13.75	23.71	250	Pass
11n (HT20)	CH116	13.95	24.83	250	Pass
11n (HT20)	CH140	14.77	29.99	250	Pass
11n (HT40)	CH102	10.89	12.27	250	Pass
11n (HT40)	CH118	11.87	15.38	250	Pass
11n (HT40)	CH134	12.17	16.48	250	Pass
11ac (VHT20)	CH100	14.05	25.41	250	Pass
11ac (VHT20)	CH116	12.71	18.66	250	Pass
11ac (VHT20)	CH140	13.45	22.13	250	Pass
11ac (VHT40)	CH102	10.93	12.39	250	Pass
11ac (VHT40)	CH118	11.87	15.38	250	Pass
11ac (VHT40)	CH134	12.17	16.48	250	Pass
11ac (VHT80)	CH106	7.03	5.05	250	Pass
11ac (VHT80)	CH122	13.75	23.71	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	15.21	33.19	1000	Pass
11a	CH157	14.93	31.12	1000	Pass
11a	CH165	14.13	25.88	1000	Pass
11n (HT20)	CH149	15.08	32.21	1000	Pass
11n (HT20)	CH157	14.83	30.41	1000	Pass
11n (HT20)	CH165	13.99	25.06	1000	Pass
11n (HT40)	CH151	13.29	21.33	1000	Pass
11n (HT40)	CH159	13.12	20.51	1000	Pass
11ac (VHT20)	CH149	15.22	33.27	1000	Pass
11ac (VHT20)	CH157	14.88	30.76	1000	Pass
11ac (VHT20)	CH165	14.04	25.35	1000	Pass
11ac (VHT40)	CH151	15.06	32.06	1000	Pass
11ac (VHT40)	CH159	14.70	29.51	1000	Pass
11ac (VHT80)	CH155	15.40	34.67	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	9.91	9.79	250	Pass
11a	CH44	9.88	9.73	250	Pass
11a	CH48	9.97	9.93	250	Pass
11n (HT20)	CH36	9.85	9.66	250	Pass
11n (HT20)	CH44	9.80	9.55	250	Pass
11n (HT20)	CH48	9.83	9.62	250	Pass
11n (HT40)	CH38	9.67	9.27	250	Pass
11n (HT40)	CH46	9.70	9.33	250	Pass
11ac (VHT20)	CH36	9.77	9.48	250	Pass
11ac (VHT20)	CH44	9.75	9.44	250	Pass
11ac (VHT20)	CH48	9.85	9.66	250	Pass
11ac (VHT40)	CH38	9.70	9.33	250	Pass
11ac (VHT40)	CH46	9.70	9.33	250	Pass
11ac (VHT80)	CH42	5.87	3.86	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	9.81	9.57	250	Pass
11a	CH60	9.80	9.55	250	Pass
11a	CH64	9.81	9.57	250	Pass
11n (HT20)	CH52	9.90	9.77	250	Pass
11n (HT20)	CH60	9.63	9.18	250	Pass
11n (HT20)	CH64	9.69	9.31	250	Pass
11n (HT40)	CH54	9.71	9.35	250	Pass
11n (HT40)	CH62	9.64	9.20	250	Pass
11ac (VHT20)	CH52	9.92	9.82	250	Pass
11ac (VHT20)	CH60	9.66	9.25	250	Pass
11ac (VHT20)	CH64	9.70	9.33	250	Pass
11ac (VHT40)	CH54	9.41	8.73	250	Pass
11ac (VHT40)	CH62	9.73	9.40	250	Pass
11ac (VHT80)	CH58	9.99	9.98	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	8.89	7.74	250	Pass
11a	CH116	8.89	7.74	250	Pass
11a	CH140	8.66	7.35	250	Pass
11n (HT20)	CH100	8.80	7.59	250	Pass
11n (HT20)	CH116	8.78	7.55	250	Pass
11n (HT20)	CH140	8.55	7.16	250	Pass
11n (HT40)	CH102	9.02	7.98	250	Pass
11n (HT40)	CH118	8.87	7.71	250	Pass
11n (HT40)	CH134	8.62	7.28	250	Pass
11ac (VHT20)	CH100	8.82	7.62	250	Pass
11ac (VHT20)	CH116	8.83	7.64	250	Pass
11ac (VHT20)	CH140	8.58	7.21	250	Pass
11ac (VHT40)	CH102	8.70	7.41	250	Pass
11ac (VHT40)	CH118	8.84	7.66	250	Pass
11ac (VHT40)	CH134	8.63	7.29	250	Pass
11ac (VHT80)	CH106	8.91	7.78	250	Pass
11ac (VHT80)	CH122	8.79	7.57	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.22	16.67	1000	Pass
11a	CH157	12.47	17.66	1000	Pass
11a	CH165	12.29	16.94	1000	Pass
11n (HT20)	CH149	12.36	17.22	1000	Pass
11n (HT20)	CH157	12.20	16.60	1000	Pass
11n (HT20)	CH165	12.45	17.58	1000	Pass
11n (HT40)	CH151	12.27	16.87	1000	Pass
11n (HT40)	CH159	12.40	17.38	1000	Pass
11ac (VHT20)	CH149	12.40	17.38	1000	Pass
11ac (VHT20)	CH157	12.18	16.52	1000	Pass
11ac (VHT20)	CH165	12.40	17.38	1000	Pass
11ac (VHT40)	CH151	12.29	16.94	1000	Pass
11ac (VHT40)	CH159	12.46	17.62	1000	Pass
11ac (VHT80)	CH155	12.27	16.87	1000	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	6.91	4.91	250	Pass
11a	CH44	6.80	4.79	250	Pass
11a	CH48	6.76	4.74	250	Pass
11n (HT20)	CH36	6.93	4.93	250	Pass
11n (HT20)	CH44	6.93	4.93	250	Pass
11n (HT20)	CH48	6.91	4.91	250	Pass
11n (HT40)	CH38	6.73	4.71	250	Pass
11n (HT40)	CH46	6.95	4.95	250	Pass
11ac (VHT20)	CH36	6.84	4.83	250	Pass
11ac (VHT20)	CH44	6.96	4.97	250	Pass
11ac (VHT20)	CH48	6.86	4.85	250	Pass
11ac (VHT40)	CH38	6.93	4.93	250	Pass
11ac (VHT40)	CH46	6.89	4.89	250	Pass
11ac (VHT80)	CH42	6.82	4.81	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	6.78	4.76	250	Pass
11a	CH60	6.98	4.99	250	Pass
11a	CH64	6.99	5.00	250	Pass
11n (HT20)	CH52	6.82	4.81	250	Pass
11n (HT20)	CH60	6.79	4.78	250	Pass
11n (HT20)	CH64	6.70	4.68	250	Pass
11n (HT40)	CH54	6.67	4.65	250	Pass
11n (HT40)	CH62	6.91	4.91	250	Pass
11ac (VHT20)	CH52	6.87	4.86	250	Pass
11ac (VHT20)	CH60	6.86	4.85	250	Pass
11ac (VHT20)	CH64	6.89	4.89	250	Pass
11ac (VHT40)	CH54	6.73	4.71	250	Pass
11ac (VHT40)	CH62	6.79	4.78	250	Pass
11ac (VHT80)	CH58	6.80	4.79	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	5.92	3.91	250	Pass
11a	CH116	5.67	3.69	250	Pass
11a	CH140	5.57	3.61	250	Pass
11n (HT20)	CH100	5.20	3.31	250	Pass
11n (HT20)	CH116	5.93	3.92	250	Pass
11n (HT20)	CH140	5.70	3.72	250	Pass
11n (HT40)	CH102	5.61	3.64	250	Pass
11n (HT40)	CH118	5.67	3.69	250	Pass
11n (HT40)	CH134	5.76	3.77	250	Pass
11ac (VHT20)	CH100	5.83	3.83	250	Pass
11ac (VHT20)	CH116	5.98	3.96	250	Pass
11ac (VHT20)	CH140	5.96	3.94	250	Pass
11ac (VHT40)	CH102	5.73	3.74	250	Pass
11ac (VHT40)	CH118	5.82	3.82	250	Pass
11ac (VHT40)	CH134	5.84	3.84	250	Pass
11ac (VHT80)	CH106	5.96	3.94	250	Pass
11ac (VHT80)	CH122	5.83	3.83	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	9.41	8.73	1000	Pass
11a	CH157	9.32	8.55	1000	Pass
11a	CH165	9.40	8.71	1000	Pass
11n (HT20)	CH149	9.18	8.28	1000	Pass
11n (HT20)	CH157	9.35	8.61	1000	Pass
11n (HT20)	CH165	9.46	8.83	1000	Pass
11n (HT40)	CH151	9.42	8.75	1000	Pass
11n (HT40)	CH159	9.43	8.77	1000	Pass
11ac (VHT20)	CH149	9.48	8.87	1000	Pass
11ac (VHT20)	CH157	9.46	8.83	1000	Pass
11ac (VHT20)	CH165	9.33	8.57	1000	Pass
11ac (VHT40)	CH151	9.24	8.39	1000	Pass
11ac (VHT40)	CH159	9.37	8.65	1000	Pass
11ac (VHT80)	CH155	9.29	8.49	1000	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	6.81	4.80	250	Pass
11a	CH44	6.90	4.90	250	Pass
11a	CH48	6.85	4.84	250	Pass
11n (HT20)	CH36	6.79	4.78	250	Pass
11n (HT20)	CH44	6.99	5.00	250	Pass
11n (HT20)	CH48	6.38	4.35	250	Pass
11n (HT40)	CH38	6.63	4.60	250	Pass
11n (HT40)	CH46	6.33	4.30	250	Pass
11ac (VHT20)	CH36	6.86	4.85	250	Pass
11ac (VHT20)	CH44	6.76	4.74	250	Pass
11ac (VHT20)	CH48	6.84	4.83	250	Pass
11ac (VHT40)	CH38	6.83	4.82	250	Pass
11ac (VHT40)	CH46	6.78	4.76	250	Pass
11ac (VHT80)	CH42	4.77	3.00	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	6.83	4.82	250	Pass
11a	CH60	6.92	4.92	250	Pass
11a	CH64	6.98	4.99	250	Pass
11n (HT20)	CH52	6.59	4.56	250	Pass
11n (HT20)	CH60	6.91	4.91	250	Pass
11n (HT20)	CH64	6.95	4.95	250	Pass
11n (HT40)	CH54	6.82	4.81	250	Pass
11n (HT40)	CH62	6.70	4.68	250	Pass
11ac (VHT20)	CH52	6.95	4.95	250	Pass
11ac (VHT20)	CH60	6.75	4.73	250	Pass
11ac (VHT20)	CH64	6.95	4.95	250	Pass
11ac (VHT40)	CH54	6.63	4.60	250	Pass
11ac (VHT40)	CH62	6.93	4.93	250	Pass
11ac (VHT80)	CH58	6.81	4.80	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	5.95	3.94	250	Pass
11a	CH116	5.37	3.44	250	Pass
11a	CH140	5.73	3.74	250	Pass
11n (HT20)	CH100	5.55	3.59	250	Pass
11n (HT20)	CH116	5.17	3.29	250	Pass
11n (HT20)	CH140	5.79	3.79	250	Pass
11n (HT40)	CH102	5.53	3.57	250	Pass
11n (HT40)	CH118	5.38	3.45	250	Pass
11n (HT40)	CH134	5.95	3.94	250	Pass
11ac (VHT20)	CH100	5.56	3.60	250	Pass
11ac (VHT20)	CH116	5.35	3.43	250	Pass
11ac (VHT20)	CH140	5.71	3.72	250	Pass
11ac (VHT40)	CH102	5.48	3.53	250	Pass
11ac (VHT40)	CH118	5.50	3.55	250	Pass
11ac (VHT40)	CH134	5.57	3.61	250	Pass
11ac (VHT80)	CH106	5.88	3.87	250	Pass
11ac (VHT80)	CH122	5.81	3.81	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	9.28	8.47	1000	Pass
11a	CH157	9.30	8.51	1000	Pass
11a	CH165	9.48	8.87	1000	Pass
11n (HT20)	CH149	9.35	8.61	1000	Pass
11n (HT20)	CH157	9.38	8.67	1000	Pass
11n (HT20)	CH165	9.07	8.07	1000	Pass
11n (HT40)	CH151	9.33	8.57	1000	Pass
11n (HT40)	CH159	9.47	8.85	1000	Pass
11ac (VHT20)	CH149	9.23	8.38	1000	Pass
11ac (VHT20)	CH157	9.43	8.77	1000	Pass
11ac (VHT20)	CH165	9.36	8.63	1000	Pass
11ac (VHT40)	CH151	9.40	8.71	1000	Pass
11ac (VHT40)	CH159	9.34	8.59	1000	Pass
11ac (VHT80)	CH155	9.30	8.51	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	9.87	9.71	250	Pass
11a	CH44	9.86	9.68	250	Pass
11a	CH48	9.82	9.58	250	Pass
11n (HT20)	CH36	9.87	9.71	250	Pass
11n (HT20)	CH44	9.97	9.93	250	Pass
11n (HT20)	CH48	9.66	9.25	250	Pass
11n (HT40)	CH38	9.69	9.31	250	Pass
11n (HT40)	CH46	9.66	9.25	250	Pass
11ac (VHT20)	CH36	9.86	9.68	250	Pass
11ac (VHT20)	CH44	9.87	9.71	250	Pass
11ac (VHT20)	CH48	9.86	9.68	250	Pass
11ac (VHT40)	CH38	9.89	9.75	250	Pass
11ac (VHT40)	CH46	9.85	9.65	250	Pass
11ac (VHT80)	CH42	8.93	7.81	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	9.82	9.58	250	Pass
11a	CH60	9.96	9.91	250	Pass
11a	CH64	10.00	9.99	250	Pass
11n (HT20)	CH52	9.72	9.37	250	Pass
11n (HT20)	CH60	9.86	9.68	250	Pass
11n (HT20)	CH64	9.84	9.63	250	Pass
11n (HT40)	CH54	9.76	9.45	250	Pass
11n (HT40)	CH62	9.82	9.59	250	Pass
11ac (VHT20)	CH52	9.92	9.82	250	Pass
11ac (VHT20)	CH60	9.82	9.58	250	Pass
11ac (VHT20)	CH64	9.93	9.84	250	Pass
11ac (VHT40)	CH54	9.69	9.31	250	Pass
11ac (VHT40)	CH62	9.87	9.71	250	Pass
11ac (VHT80)	CH58	9.82	9.58	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	8.95	7.84	250	Pass
11a	CH116	8.53	7.13	250	Pass
11a	CH140	8.66	7.35	250	Pass
11n (HT20)	CH100	8.39	6.90	250	Pass
11n (HT20)	CH116	8.58	7.21	250	Pass
11n (HT20)	CH140	8.76	7.51	250	Pass
11n (HT40)	CH102	8.58	7.21	250	Pass
11n (HT40)	CH118	8.54	7.14	250	Pass
11n (HT40)	CH134	8.87	7.70	250	Pass
11ac (VHT20)	CH100	8.71	7.43	250	Pass
11ac (VHT20)	CH116	8.69	7.39	250	Pass
11ac (VHT20)	CH140	8.85	7.67	250	Pass
11ac (VHT40)	CH102	8.62	7.27	250	Pass
11ac (VHT40)	CH118	8.67	7.37	250	Pass
11ac (VHT40)	CH134	8.72	7.44	250	Pass
11ac (VHT80)	CH106	8.93	7.82	250	Pass
11ac (VHT80)	CH122	8.83	7.64	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.36	17.20	1000	Pass
11a	CH157	12.32	17.06	1000	Pass
11a	CH165	12.45	17.58	1000	Pass
11n (HT20)	CH149	12.28	16.89	1000	Pass
11n (HT20)	CH157	12.38	17.28	1000	Pass
11n (HT20)	CH165	12.28	16.90	1000	Pass
11n (HT40)	CH151	12.39	17.32	1000	Pass
11n (HT40)	CH159	12.46	17.62	1000	Pass
11ac (VHT20)	CH149	12.37	17.25	1000	Pass
11ac (VHT20)	CH157	12.46	17.60	1000	Pass
11ac (VHT20)	CH165	12.36	17.20	1000	Pass
11ac (VHT40)	CH151	12.33	17.10	1000	Pass
11ac (VHT40)	CH159	12.37	17.24	1000	Pass
11ac (VHT80)	CH155	12.31	17.00	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ22B0401-604 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	23.55	16.59
11a	CH44	28.55	16.70
11a	CH48	28.10	16.67
11n (HT20)	CH36	23.33	17.72
11n (HT20)	CH44	27.81	17.85
11n (HT20)	CH48	24.96	17.82
11n (HT40)	CH38	42.29	36.25
11n (HT40)	CH46	41.63	36.28
11ac (VHT20)	CH36	23.03	17.72
11ac (VHT20)	CH44	27.70	17.85
11ac (VHT20)	CH48	26.18	17.79
11ac (VHT40)	CH38	42.52	36.14
11ac (VHT40)	CH46	55.41	36.33
11ac (VHT80)	CH42	82.24	76.17

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.06	16.61
11a	CH60	24.82	16.65
11a	CH64	25.78	16.70
11n (HT20)	CH52	25.28	17.77
11n (HT20)	CH60	24.66	17.76
11n (HT20)	CH64	25.38	17.83
11n (HT40)	CH54	41.53	36.24
11n (HT40)	CH62	41.11	36.22
11ac (VHT20)	CH52	23.35	17.74
11ac (VHT20)	CH60	24.21	17.77
11ac (VHT20)	CH64	25.64	17.85
11ac (VHT40)	CH54	42.66	36.18
11ac (VHT40)	CH62	42.31	36.14
11ac (VHT80)	CH58	82.50	76.09

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	29.19	17.57
11a	CH116	26.22	16.80
11a	CH140	23.53	16.53
11n (HT20)	CH100	29.85	18.31
11n (HT20)	CH116	25.73	17.87
11n (HT20)	CH140	23.52	17.68
11n (HT40)	CH102	48.68	36.43
11n (HT40)	CH118	44.38	36.27
11n (HT40)	CH134	42.84	36.21
11ac (VHT20)	CH100	30.45	18.31
11ac (VHT20)	CH116	26.39	17.89
11ac (VHT20)	CH140	23.40	17.68
11ac (VHT40)	CH102	47.89	36.35
11ac (VHT40)	CH118	45.88	36.22
11ac (VHT40)	CH134	43.61	36.12
11ac (VHT80)	CH106	82.21	76.03
11ac (VHT80)	CH122	157.60	76.57

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.63	16.55
11a	CH157	24.26	16.63
11a	CH165	24.94	16.72
11n (HT20)	CH149	23.74	17.68
11n (HT20)	CH157	24.40	17.76
11n (HT20)	CH165	25.72	17.80
11n (HT40)	CH151	41.73	36.19
11n (HT40)	CH159	44.07	36.21
11ac (VHT20)	CH149	23.41	17.69
11ac (VHT20)	CH157	24.60	17.76
11ac (VHT20)	CH165	25.94	17.81
11ac (VHT40)	CH151	43.42	36.11
11ac (VHT40)	CH159	44.42	36.17
11ac (VHT80)	CH155	159.60	77.32

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.36	16.58
11a	CH44	23.57	16.55
11a	CH48	23.34	16.54
11n (HT20)	CH36	24.22	17.69
11n (HT20)	CH44	23.34	17.68
11n (HT20)	CH48	23.09	17.68
11n (HT40)	CH38	42.25	36.27
11n (HT40)	CH46	42.07	36.25
11ac (VHT20)	CH36	23.42	17.70
11ac (VHT20)	CH44	23.41	17.69
11ac (VHT20)	CH48	23.27	17.67
11ac (VHT40)	CH38	43.17	36.17
11ac (VHT40)	CH46	42.81	36.15
11ac (VHT80)	CH42	82.08	76.52

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.29	16.56
11a	CH60	22.84	16.56
11a	CH64	23.42	16.56
11n (HT20)	CH52	23.37	17.71
11n (HT20)	CH60	23.21	17.69
11n (HT20)	CH64	23.81	17.69
11n (HT40)	CH54	41.74	36.25
11n (HT40)	CH62	41.72	36.25
11ac (VHT20)	CH52	22.86	17.69
11ac (VHT20)	CH60	23.36	17.69
11ac (VHT20)	CH64	23.35	17.72
11ac (VHT40)	CH54	42.41	36.15
11ac (VHT40)	CH62	42.17	36.15
11ac (VHT80)	CH58	82.34	75.88

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	24.43	16.72
11a	CH116	24.40	16.63
11a	CH140	22.92	16.55
11n (HT20)	CH100	25.17	17.82
11n (HT20)	CH116	24.75	17.76
11n (HT20)	CH140	23.50	17.69
11n (HT40)	CH102	44.47	36.33
11n (HT40)	CH118	44.18	36.27
11n (HT40)	CH134	42.46	36.28
11ac (VHT20)	CH100	25.11	17.81
11ac (VHT20)	CH116	24.36	17.78
11ac (VHT20)	CH140	23.34	17.70
11ac (VHT40)	CH102	44.16	36.23
11ac (VHT40)	CH118	43.70	36.19
11ac (VHT40)	CH134	43.09	36.14
11ac (VHT80)	CH106	82.39	75.84
11ac (VHT80)	CH122	82.07	75.86

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.16	16.55
11a	CH157	23.54	16.57
11a	CH165	24.10	16.70
11n (HT20)	CH149	23.63	17.68
11n (HT20)	CH157	24.15	17.69
11n (HT20)	CH165	24.58	17.76
11n (HT40)	CH151	41.97	36.20
11n (HT40)	CH159	44.24	36.21
11ac (VHT20)	CH149	23.11	17.67
11ac (VHT20)	CH157	24.06	17.70
11ac (VHT20)	CH165	25.02	17.74
11ac (VHT40)	CH151	43.01	36.10
11ac (VHT40)	CH159	43.35	36.12
11ac (VHT80)	CH155	82.24	75.68

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ22B0401-604 Data Part 2.pdf".

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	15.75	500.00	Pass
11n (HT20)	CH149	15.15	500.00	Pass
11n (HT20)	CH157	15.20	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	35.20	500.00	Pass
11n (HT40)	CH159	35.20	500.00	Pass
11ac (VHT20)	CH149	15.20	500.00	Pass
11ac (VHT20)	CH157	15.15	500.00	Pass
11ac (VHT20)	CH165	15.20	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.20	500.00	Pass
11ac (VHT80)	CH155	75.20	500.00	Pass

Aux. Antenna

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

A.4 Power Spectral Density

Note ¹: Test plots please refer to the document “Annex No.: BL-SZ22B0401-604 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	2.61	11.00	Pass
11a	CH44	3.33	11.00	Pass
11a	CH48	3.69	11.00	Pass
11n (HT20)	CH36	1.83	11.00	Pass
11n (HT20)	CH44	3.23	11.00	Pass
11n (HT20)	CH48	3.43	11.00	Pass
11n (HT40)	CH38	-4.74	11.00	Pass
11n (HT40)	CH46	-2.68	11.00	Pass
11ac (VHT20)	CH36	1.77	11.00	Pass
11ac (VHT20)	CH44	3.42	11.00	Pass
11ac (VHT20)	CH48	3.24	11.00	Pass
11ac (VHT40)	CH38	-4.74	11.00	Pass
11ac (VHT40)	CH46	-0.10	11.00	Pass
11ac (VHT80)	CH42	-10.12	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.54	11.00	Pass
11a	CH60	3.35	11.00	Pass
11a	CH64	3.24	11.00	Pass
11n (HT20)	CH52	2.99	11.00	Pass
11n (HT20)	CH60	3.12	11.00	Pass
11n (HT20)	CH64	2.85	11.00	Pass
11n (HT40)	CH54	-2.20	11.00	Pass
11n (HT40)	CH62	-3.24	11.00	Pass
11ac (VHT20)	CH52	3.38	11.00	Pass
11ac (VHT20)	CH60	3.04	11.00	Pass
11ac (VHT20)	CH64	2.86	11.00	Pass
11ac (VHT40)	CH54	-0.20	11.00	Pass
11ac (VHT40)	CH62	-3.24	11.00	Pass
11ac (VHT80)	CH58	-9.72	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.69	11.00	Pass
11a	CH116	1.90	11.00	Pass
11a	CH140	3.21	11.00	Pass
11n (HT20)	CH100	1.35	11.00	Pass
11n (HT20)	CH116	1.62	11.00	Pass
11n (HT20)	CH140	3.68	11.00	Pass
11n (HT40)	CH102	-3.60	11.00	Pass
11n (HT40)	CH118	-2.97	11.00	Pass
11n (HT40)	CH134	-2.28	11.00	Pass
11ac (VHT20)	CH100	1.45	11.00	Pass
11ac (VHT20)	CH116	2.04	11.00	Pass
11ac (VHT20)	CH140	-3.11	11.00	Pass
11ac (VHT40)	CH102	-1.32	11.00	Pass
11ac (VHT40)	CH118	-1.32	11.00	Pass
11ac (VHT40)	CH134	-0.30	11.00	Pass
11ac (VHT80)	CH106	-10.07	11.00	Pass
11ac (VHT80)	CH122	-3.50	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.49	30.00	Pass
11a	CH157	0.83	30.00	Pass
11a	CH165	0.10	30.00	Pass
11n (HT20)	CH149	1.07	30.00	Pass
11n (HT20)	CH157	0.64	30.00	Pass
11n (HT20)	CH165	-0.19	30.00	Pass
11n (HT40)	CH151	-4.40	30.00	Pass
11n (HT40)	CH159	-4.63	30.00	Pass
11ac (VHT20)	CH149	1.17	30.00	Pass
11ac (VHT20)	CH157	0.50	30.00	Pass
11ac (VHT20)	CH165	-0.25	30.00	Pass
11ac (VHT40)	CH151	-2.49	30.00	Pass
11ac (VHT40)	CH159	-2.98	30.00	Pass
11ac (VHT80)	CH155	-5.41	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-0.63	11.00	Pass
11a	CH44	-0.99	11.00	Pass
11a	CH48	-0.48	11.00	Pass
11n (HT20)	CH36	-0.93	11.00	Pass
11n (HT20)	CH44	-1.27	11.00	Pass
11n (HT20)	CH48	-0.71	11.00	Pass
11n (HT40)	CH38	-5.32	11.00	Pass
11n (HT40)	CH46	-5.63	11.00	Pass
11ac (VHT20)	CH36	-0.84	11.00	Pass
11ac (VHT20)	CH44	-1.14	11.00	Pass
11ac (VHT20)	CH48	-0.60	11.00	Pass
11ac (VHT40)	CH38	-5.34	11.00	Pass
11ac (VHT40)	CH46	-5.69	11.00	Pass
11ac (VHT80)	CH42	-11.79	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-1.37	11.00	Pass
11a	CH60	-1.12	11.00	Pass
11a	CH64	-1.04	11.00	Pass
11n (HT20)	CH52	-1.16	11.00	Pass
11n (HT20)	CH60	-1.49	11.00	Pass
11n (HT20)	CH64	-1.31	11.00	Pass
11n (HT40)	CH54	-5.15	11.00	Pass
11n (HT40)	CH62	-4.80	11.00	Pass
11ac (VHT20)	CH52	-1.70	11.00	Pass
11ac (VHT20)	CH60	-1.48	11.00	Pass
11ac (VHT20)	CH64	-1.35	11.00	Pass
11ac (VHT40)	CH54	-5.09	11.00	Pass
11ac (VHT40)	CH62	-5.24	11.00	Pass
11ac (VHT80)	CH58	-7.29	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-1.43	11.00	Pass
11a	CH116	-1.51	11.00	Pass
11a	CH140	-1.53	11.00	Pass
11n (HT20)	CH100	-2.01	11.00	Pass
11n (HT20)	CH116	-1.58	11.00	Pass
11n (HT20)	CH140	-1.64	11.00	Pass
11n (HT40)	CH102	-5.35	11.00	Pass
11n (HT40)	CH118	-4.88	11.00	Pass
11n (HT40)	CH134	-5.79	11.00	Pass
11ac (VHT20)	CH100	-1.95	11.00	Pass
11ac (VHT20)	CH116	-1.51	11.00	Pass
11ac (VHT20)	CH140	-1.54	11.00	Pass
11ac (VHT40)	CH102	-5.34	11.00	Pass
11ac (VHT40)	CH118	-4.93	11.00	Pass
11ac (VHT40)	CH134	-4.84	11.00	Pass
11ac (VHT80)	CH106	-8.37	11.00	Pass
11ac (VHT80)	CH122	-8.12	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.17	30.00	Pass
11a	CH157	-0.98	30.00	Pass
11a	CH165	-0.80	30.00	Pass
11n (HT20)	CH149	-1.44	30.00	Pass
11n (HT20)	CH157	-1.25	30.00	Pass
11n (HT20)	CH165	-1.49	30.00	Pass
11n (HT40)	CH151	-4.46	30.00	Pass
11n (HT40)	CH159	-4.20	30.00	Pass
11ac (VHT20)	CH149	-0.91	30.00	Pass
11ac (VHT20)	CH157	-1.26	30.00	Pass
11ac (VHT20)	CH165	-1.43	30.00	Pass
11ac (VHT40)	CH151	-4.47	30.00	Pass
11ac (VHT40)	CH159	-3.96	30.00	Pass
11ac (VHT80)	CH155	-7.60	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-3.13	11.00	Pass
11a	CH44	-3.28	11.00	Pass
11a	CH48	-3.19	11.00	Pass
11n (HT20)	CH36	-2.71	11.00	Pass
11n (HT20)	CH44	-3.74	11.00	Pass
11n (HT20)	CH48	-3.52	11.00	Pass
11n (HT40)	CH38	-6.60	11.00	Pass
11n (HT40)	CH46	-6.99	11.00	Pass
11ac (VHT20)	CH36	-3.25	11.00	Pass
11ac (VHT20)	CH44	-3.31	11.00	Pass
11ac (VHT20)	CH48	-2.87	11.00	Pass
11ac (VHT40)	CH38	-6.92	11.00	Pass
11ac (VHT40)	CH46	-7.06	11.00	Pass
11ac (VHT80)	CH42	-9.74	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-3.32	11.00	Pass
11a	CH60	-3.33	11.00	Pass
11a	CH64	-2.59	11.00	Pass
11n (HT20)	CH52	-4.08	11.00	Pass
11n (HT20)	CH60	-4.10	11.00	Pass
11n (HT20)	CH64	-4.36	11.00	Pass
11n (HT40)	CH54	-7.70	11.00	Pass
11n (HT40)	CH62	-7.12	11.00	Pass
11ac (VHT20)	CH52	-3.99	11.00	Pass
11ac (VHT20)	CH60	-4.01	11.00	Pass
11ac (VHT20)	CH64	-3.64	11.00	Pass
11ac (VHT40)	CH54	-7.10	11.00	Pass
11ac (VHT40)	CH62	-7.58	11.00	Pass
11ac (VHT80)	CH58	-10.15	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-3.09	11.00	Pass
11a	CH116	-4.34	11.00	Pass
11a	CH140	-4.61	11.00	Pass
11n (HT20)	CH100	-4.34	11.00	Pass
11n (HT20)	CH116	-4.06	11.00	Pass
11n (HT20)	CH140	-5.12	11.00	Pass
11n (HT40)	CH102	-6.05	11.00	Pass
11n (HT40)	CH118	-6.96	11.00	Pass
11n (HT40)	CH134	-7.61	11.00	Pass
11ac (VHT20)	CH100	-3.53	11.00	Pass
11ac (VHT20)	CH116	-4.56	11.00	Pass
11ac (VHT20)	CH140	-4.29	11.00	Pass
11ac (VHT40)	CH102	-7.39	11.00	Pass
11ac (VHT40)	CH118	-7.82	11.00	Pass
11ac (VHT40)	CH134	-7.64	11.00	Pass
11ac (VHT80)	CH106	-10.31	11.00	Pass
11ac (VHT80)	CH122	-10.83	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-3.19	30.00	Pass
11a	CH157	-3.28	30.00	Pass
11a	CH165	-4.77	30.00	Pass
11n (HT20)	CH149	-5.46	30.00	Pass
11n (HT20)	CH157	-3.25	30.00	Pass
11n (HT20)	CH165	-4.69	30.00	Pass
11n (HT40)	CH151	-7.26	30.00	Pass
11n (HT40)	CH159	-6.29	30.00	Pass
11ac (VHT20)	CH149	-3.80	30.00	Pass
11ac (VHT20)	CH157	-4.41	30.00	Pass
11ac (VHT20)	CH165	-5.30	30.00	Pass
11ac (VHT40)	CH151	-6.83	30.00	Pass
11ac (VHT40)	CH159	-7.81	30.00	Pass
11ac (VHT80)	CH155	-11.12	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-2.43	11.00	Pass
11a	CH44	-2.56	11.00	Pass
11a	CH48	-2.52	11.00	Pass
11n (HT20)	CH36	-3.99	11.00	Pass
11n (HT20)	CH44	-2.80	11.00	Pass
11n (HT20)	CH48	-2.23	11.00	Pass
11n (HT40)	CH38	-6.65	11.00	Pass
11n (HT40)	CH46	-7.32	11.00	Pass
11ac (VHT20)	CH36	-2.99	11.00	Pass
11ac (VHT20)	CH44	-3.47	11.00	Pass
11ac (VHT20)	CH48	-3.40	11.00	Pass
11ac (VHT40)	CH38	-6.42	11.00	Pass
11ac (VHT40)	CH46	-6.93	11.00	Pass
11ac (VHT80)	CH42	-12.01	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-2.67	11.00	Pass
11a	CH60	-2.74	11.00	Pass
11a	CH64	-2.70	11.00	Pass
11n (HT20)	CH52	-2.98	11.00	Pass
11n (HT20)	CH60	-4.64	11.00	Pass
11n (HT20)	CH64	-4.68	11.00	Pass
11n (HT40)	CH54	-7.58	11.00	Pass
11n (HT40)	CH62	-7.81	11.00	Pass
11ac (VHT20)	CH52	-3.67	11.00	Pass
11ac (VHT20)	CH60	-3.41	11.00	Pass
11ac (VHT20)	CH64	-3.64	11.00	Pass
11ac (VHT40)	CH54	-7.34	11.00	Pass
11ac (VHT40)	CH62	-7.01	11.00	Pass
11ac (VHT80)	CH58	-9.86	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-3.62	11.00	Pass
11a	CH116	-4.08	11.00	Pass
11a	CH140	-4.01	11.00	Pass
11n (HT20)	CH100	-4.79	11.00	Pass
11n (HT20)	CH116	-5.13	11.00	Pass
11n (HT20)	CH140	-4.43	11.00	Pass
11n (HT40)	CH102	-8.24	11.00	Pass
11n (HT40)	CH118	-8.61	11.00	Pass
11n (HT40)	CH134	-8.08	11.00	Pass
11ac (VHT20)	CH100	-4.46	11.00	Pass
11ac (VHT20)	CH116	-4.58	11.00	Pass
11ac (VHT20)	CH140	-4.86	11.00	Pass
11ac (VHT40)	CH102	-8.04	11.00	Pass
11ac (VHT40)	CH118	-7.90	11.00	Pass
11ac (VHT40)	CH134	-7.79	11.00	Pass
11ac (VHT80)	CH106	-10.49	11.00	Pass
11ac (VHT80)	CH122	-10.86	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.87	30.00	Pass
11a	CH157	-3.51	30.00	Pass
11a	CH165	-4.33	30.00	Pass
11n (HT20)	CH149	-3.72	30.00	Pass
11n (HT20)	CH157	-4.00	30.00	Pass
11n (HT20)	CH165	-4.11	30.00	Pass
11n (HT40)	CH151	-6.80	30.00	Pass
11n (HT40)	CH159	-7.46	30.00	Pass
11ac (VHT20)	CH149	-4.17	30.00	Pass
11ac (VHT20)	CH157	-4.40	30.00	Pass
11ac (VHT20)	CH165	-4.16	30.00	Pass
11ac (VHT40)	CH151	-7.52	30.00	Pass
11ac (VHT40)	CH159	-7.74	30.00	Pass
11ac (VHT80)	CH155	-10.44	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	0.25	11.00	Pass
11a	CH44	0.10	11.00	Pass
11a	CH48	0.17	11.00	Pass
11n (HT20)	CH36	-0.29	11.00	Pass
11n (HT20)	CH44	-0.23	11.00	Pass
11n (HT20)	CH48	0.18	11.00	Pass
11n (HT40)	CH38	-3.61	11.00	Pass
11n (HT40)	CH46	-4.14	11.00	Pass
11ac (VHT20)	CH36	-0.11	11.00	Pass
11ac (VHT20)	CH44	-0.38	11.00	Pass
11ac (VHT20)	CH48	-0.11	11.00	Pass
11ac (VHT40)	CH38	-3.65	11.00	Pass
11ac (VHT40)	CH46	-3.98	11.00	Pass
11ac (VHT80)	CH42	-7.72	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	0.03	11.00	Pass
11a	CH60	-0.02	11.00	Pass
11a	CH64	0.37	11.00	Pass
11n (HT20)	CH52	-0.48	11.00	Pass
11n (HT20)	CH60	-1.35	11.00	Pass
11n (HT20)	CH64	-1.51	11.00	Pass
11n (HT40)	CH54	-4.63	11.00	Pass
11n (HT40)	CH62	-4.44	11.00	Pass
11ac (VHT20)	CH52	-0.82	11.00	Pass
11ac (VHT20)	CH60	-0.69	11.00	Pass
11ac (VHT20)	CH64	-0.63	11.00	Pass
11ac (VHT40)	CH54	-4.20	11.00	Pass
11ac (VHT40)	CH62	-4.27	11.00	Pass
11ac (VHT80)	CH58	-6.99	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-0.34	11.00	Pass
11a	CH116	-1.19	11.00	Pass
11a	CH140	-1.29	11.00	Pass
11n (HT20)	CH100	-1.55	11.00	Pass
11n (HT20)	CH116	-1.55	11.00	Pass
11n (HT20)	CH140	-1.75	11.00	Pass
11n (HT40)	CH102	-3.99	11.00	Pass
11n (HT40)	CH118	-4.70	11.00	Pass
11n (HT40)	CH134	-4.83	11.00	Pass
11ac (VHT20)	CH100	-0.96	11.00	Pass
11ac (VHT20)	CH116	-1.56	11.00	Pass
11ac (VHT20)	CH140	-1.55	11.00	Pass
11ac (VHT40)	CH102	-4.69	11.00	Pass
11ac (VHT40)	CH118	-4.85	11.00	Pass
11ac (VHT40)	CH134	-4.70	11.00	Pass
11ac (VHT80)	CH106	-7.39	11.00	Pass
11ac (VHT80)	CH122	-7.83	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.02	30.00	Pass
11a	CH157	-0.38	30.00	Pass
11a	CH165	-1.53	30.00	Pass
11n (HT20)	CH149	-1.50	30.00	Pass
11n (HT20)	CH157	-0.60	30.00	Pass
11n (HT20)	CH165	-1.38	30.00	Pass
11n (HT40)	CH151	-4.01	30.00	Pass
11n (HT40)	CH159	-3.82	30.00	Pass
11ac (VHT20)	CH149	-0.97	30.00	Pass
11ac (VHT20)	CH157	-1.39	30.00	Pass
11ac (VHT20)	CH165	-1.68	30.00	Pass
11ac (VHT40)	CH151	-4.15	30.00	Pass
11ac (VHT40)	CH159	-4.77	30.00	Pass
11ac (VHT80)	CH155	-7.75	30.00	Pass

A.5 Conducted Emissions

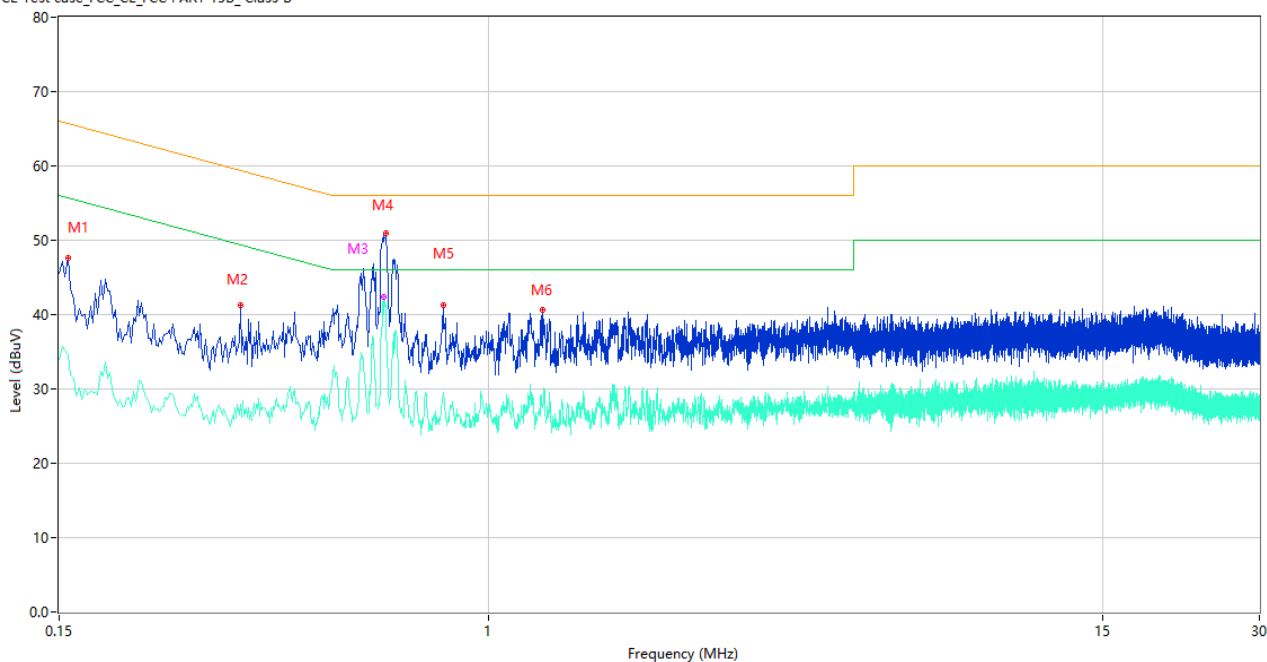
Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Test Data and Plots

PHASE L

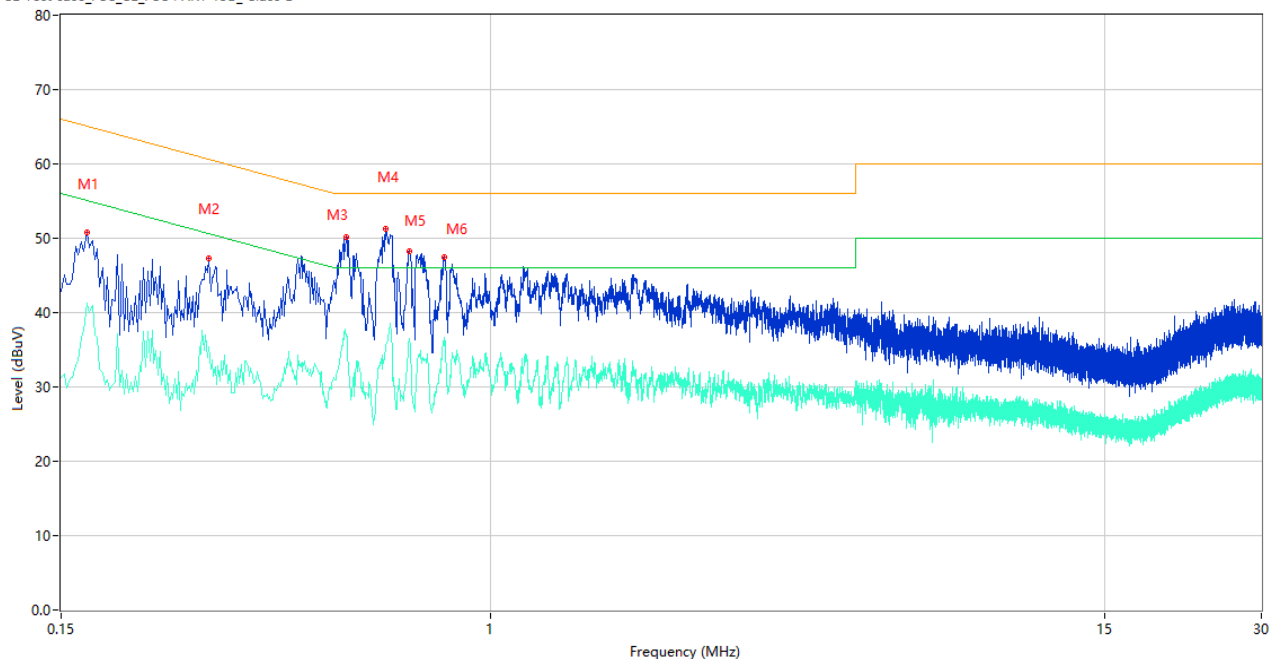
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	47.63	10.09	65.67	18.04	Peak	L	Pass
1**	0.156	34.55	10.09	55.67	21.12	AV	L	Pass
2	0.334	41.23	10.65	59.35	18.12	Peak	L	Pass
2**	0.334	27.95	10.65	49.35	21.40	AV	L	Pass
3	0.628	49.86	10.36	56.00	6.14	Peak	L	Pass
3**	0.628	42.32	10.36	46.00	3.68	AV	L	Pass
4	0.636	50.92	10.36	56.00	5.08	Peak	L	Pass
4**	0.636	38.29	10.36	46.00	7.71	AV	L	Pass
5	0.818	41.24	10.70	56.00	14.76	Peak	L	Pass
5**	0.818	29.47	10.70	46.00	16.53	AV	L	Pass
6	1.270	40.59	10.58	56.00	15.41	Peak	L	Pass
6**	1.270	27.64	10.58	46.00	18.36	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.168	50.77	10.08	65.06	14.29	Peak	N	Pass
1**	0.168	41.19	10.08	55.06	13.87	AV	N	Pass
2	0.288	47.33	9.99	60.58	13.25	Peak	N	Pass
2**	0.288	35.46	9.99	50.58	15.12	AV	N	Pass
3	0.528	50.23	10.19	56.00	5.77	Peak	N	Pass
3**	0.528	36.88	10.19	46.00	9.12	AV	N	Pass
4	0.628	51.30	10.36	56.00	4.70	Peak	N	Pass
4**	0.628	35.34	10.36	46.00	10.66	AV	N	Pass
5	0.698	48.28	10.80	56.00	7.72	Peak	N	Pass
5**	0.698	36.47	10.80	46.00	9.53	AV	N	Pass
6	0.816	47.42	10.70	56.00	8.58	Peak	N	Pass
6**	0.816	36.68	10.70	46.00	9.32	AV	N	Pass

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

Test Data

Note ¹: The symbol of “--” in the table which means not application.

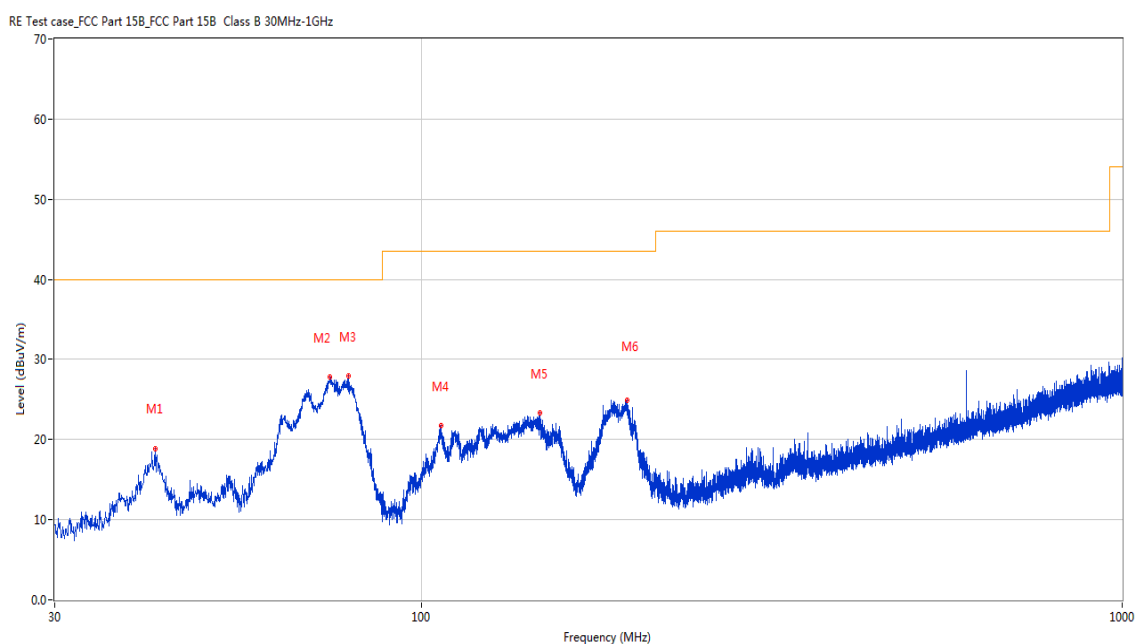
Note ²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

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

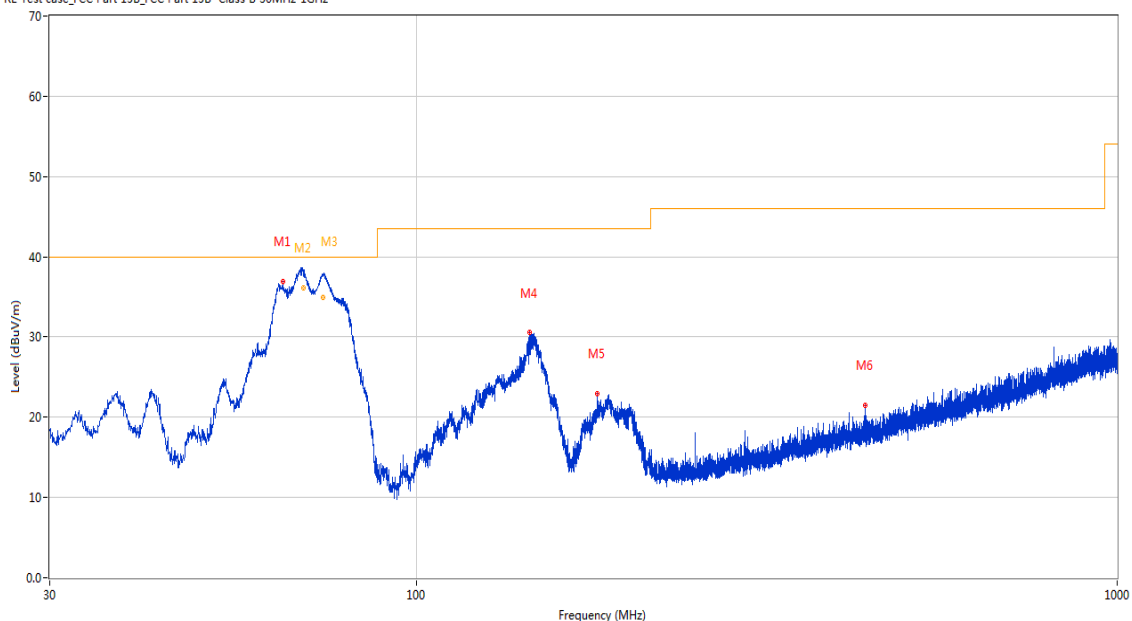
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	41.688	18.80	-23.56	40.0	21.20	Peak	101.30	100	Horizontal	Pass
2	74.087	27.80	-28.52	40.0	12.20	Peak	226.70	200	Horizontal	Pass
3	78.646	27.89	-28.40	40.0	12.11	Peak	229.20	200	Horizontal	Pass
4	106.630	21.76	-24.12	43.5	21.74	Peak	233.80	200	Horizontal	Pass
5	147.612	23.27	-27.81	43.5	20.23	Peak	282.20	100	Horizontal	Pass
6	196.743	24.97	-24.26	43.5	18.53	Peak	96.70	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	64.483	36.87	-24.99	40.0	3.13	Peak	248.70	100	Vertical	Pass
2	68.943	38.45	-26.25	40.0	1.55	Peak	228.70	125	Vertical	N/A
2*	68.943	36.12	-26.25	40.0	3.88	QP	228.70	125	Vertical	Pass
3	73.623	37.17	-28.51	40.0	2.83	Peak	140.40	198	Vertical	N/A
3*	73.623	34.95	-28.51	40.0	5.05	QP	140.40	198	Vertical	Pass
4	145.236	30.59	-27.57	43.5	12.91	Peak	359.00	100	Vertical	Pass
5	181.466	23.00	-25.77	43.5	20.50	Peak	153.70	100	Vertical	Pass
6	437.497	21.54	-18.05	46.0	24.46	Peak	295.40	100	Vertical	Pass

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

Main Antenna

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.000	39.19	-17.37	74.0	34.81	Peak	232.00	200	Horizontal	Pass
1**	1505.000	29.49	-17.37	54.0	24.51	AV	232.00	200	Horizontal	Pass
2	4378.400	50.06	-2.91	74.0	23.94	Peak	213.00	400	Horizontal	Pass
2**	4378.400	41.23	-2.91	54.0	12.77	AV	213.00	400	Horizontal	Pass
3	5181.200	101.41	-1.69	--	--	Peak	111.00	100	Horizontal	N/A
3**	5181.200	93.83	-1.69	--	--	AV	111.00	100	Horizontal	N/A
4	7372.888	49.42	-3.80	74.0	24.58	Peak	0.00	400	Horizontal	Pass
4**	7372.888	40.90	-3.80	54.0	13.10	AV	0.00	400	Horizontal	Pass
5	10937.600	51.37	-0.04	74.0	22.63	Peak	319.00	100	Horizontal	Pass
5**	10937.600	41.83	-0.04	54.0	12.17	AV	319.00	100	Horizontal	Pass
6	16092.675	53.82	1.38	74.0	20.18	Peak	360.00	400	Horizontal	Pass
6**	16092.675	44.44	1.38	54.0	9.56	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.900	38.85	-17.19	74.0	35.15	Peak	197.00	400	Vertical	Pass
1**	1622.900	30.10	-17.19	54.0	23.90	AV	197.00	400	Vertical	Pass
2	4271.800	50.06	-3.63	74.0	23.94	Peak	200.00	400	Vertical	Pass
2**	4271.800	40.18	-3.63	54.0	13.82	AV	200.00	400	Vertical	Pass
3	5182.000	107.50	-1.72	--	--	Peak	333.00	150	Vertical	N/A
3**	5182.000	99.96	-1.72	--	--	AV	333.00	150	Vertical	N/A
4	7353.050	49.79	-3.87	74.0	24.21	Peak	49.00	100	Vertical	Pass
4**	7353.050	40.83	-3.87	54.0	13.17	AV	49.00	100	Vertical	Pass
5	10931.276	51.55	0.06	74.0	22.45	Peak	117.00	150	Vertical	Pass
5**	10931.276	42.66	0.06	54.0	11.34	AV	117.00	150	Vertical	Pass
6	15828.076	53.85	1.55	74.0	20.15	Peak	230.00	100	Vertical	Pass
6**	15828.076	45.07	1.55	54.0	8.93	AV	230.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.300	38.47	-17.29	74.0	35.53	Peak	288.00	100	Horizontal	Pass
1**	1608.300	29.11	-17.29	54.0	24.89	AV	288.00	100	Horizontal	Pass
2	4357.000	50.15	-2.45	74.0	23.85	Peak	54.00	100	Horizontal	Pass
2**	4357.000	41.58	-2.45	54.0	12.42	AV	54.00	100	Horizontal	Pass
3	5215.200	101.92	-2.29	--	--	Peak	139.00	100	Horizontal	N/A
3**	5215.200	93.72	-2.29	--	--	AV	139.00	100	Horizontal	N/A
4	7340.975	49.72	-3.60	74.0	24.28	Peak	225.00	400	Horizontal	Pass
4**	7340.975	40.16	-3.60	54.0	13.84	AV	225.00	400	Horizontal	Pass
5	10614.162	50.94	-1.31	74.0	23.06	Peak	58.00	100	Horizontal	Pass
5**	10614.162	41.14	-1.31	54.0	12.86	AV	58.00	100	Horizontal	Pass
6	15840.151	53.96	1.44	74.0	20.04	Peak	360.00	300	Horizontal	Pass
6**	15840.151	45.42	1.44	54.0	8.58	AV	360.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.100	39.03	-17.39	74.0	34.97	Peak	80.00	300	Vertical	Pass
1**	1490.100	29.14	-17.39	54.0	24.86	AV	80.00	300	Vertical	Pass
2	4387.400	50.42	-2.98	74.0	23.58	Peak	0.00	400	Vertical	Pass
2**	4387.400	40.76	-2.98	54.0	13.24	AV	0.00	400	Vertical	Pass
3	5225.200	107.08	-2.44	--	--	Peak	321.00	150	Vertical	N/A
3**	5225.200	99.78	-2.44	--	--	AV	321.00	150	Vertical	N/A
4	7355.350	48.83	-4.03	74.0	25.17	Peak	110.00	400	Vertical	Pass
4**	7355.350	40.32	-4.03	54.0	13.68	AV	110.00	400	Vertical	Pass
5	11212.738	51.01	-0.20	74.0	22.99	Peak	329.00	200	Vertical	Pass
5**	11212.738	43.21	-0.20	54.0	10.79	AV	329.00	200	Vertical	Pass
6	16198.988	53.49	1.59	74.0	20.51	Peak	161.00	100	Vertical	Pass
6**	16198.988	43.57	1.59	54.0	10.43	AV	161.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.000	39.06	-16.98	74.0	34.94	Peak	300.00	100	Horizontal	Pass
1**	1526.000	29.84	-16.98	54.0	24.16	AV	300.00	100	Horizontal	Pass
2	4361.000	50.15	-2.64	74.0	23.85	Peak	26.00	100	Horizontal	Pass
2**	4361.000	40.36	-2.64	54.0	13.64	AV	26.00	100	Horizontal	Pass
3	5241.800	101.71	-1.92	--	--	Peak	141.00	150	Horizontal	N/A
3**	5241.800	93.83	-1.92	--	--	AV	141.00	150	Horizontal	N/A
4	7346.438	49.49	-3.82	74.0	24.51	Peak	244.00	400	Horizontal	Pass
4**	7346.438	39.83	-3.82	54.0	14.17	AV	244.00	400	Horizontal	Pass
5	10947.662	51.17	-0.20	74.0	22.83	Peak	107.00	150	Horizontal	Pass
5**	10947.662	42.93	-0.20	54.0	11.07	AV	107.00	150	Horizontal	Pass
6	16195.313	53.62	1.59	74.0	20.38	Peak	233.00	200	Horizontal	Pass
6**	16195.313	43.21	1.59	54.0	10.79	AV	233.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.200	38.81	-17.36	74.0	35.19	Peak	69.00	200	Vertical	Pass
1**	1504.200	30.47	-17.36	54.0	23.53	AV	69.00	200	Vertical	Pass
2	4185.600	50.12	-3.95	74.0	23.88	Peak	238.00	200	Vertical	Pass
2**	4185.600	41.31	-3.95	54.0	12.69	AV	238.00	200	Vertical	Pass
3	5236.200	107.31	-1.87	--	--	Peak	332.00	200	Vertical	N/A
3**	5236.200	99.06	-1.87	--	--	AV	332.00	200	Vertical	N/A
4	7371.450	49.00	-3.89	74.0	25.00	Peak	43.00	200	Vertical	Pass
4**	7371.450	40.63	-3.89	54.0	13.37	AV	43.00	200	Vertical	Pass
5	10926.099	51.68	0.14	74.0	22.32	Peak	43.00	200	Vertical	Pass
5**	10926.099	43.35	0.14	54.0	10.65	AV	43.00	200	Vertical	Pass
6	15860.100	53.15	0.92	74.0	20.85	Peak	360.00	100	Vertical	Pass
6**	15860.100	45.03	0.92	54.0	8.97	AV	360.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.500	38.76	-17.46	74.0	35.24	Peak	314.00	100	Horizontal	Pass
1**	1606.500	28.97	-17.46	54.0	25.03	AV	314.00	100	Horizontal	Pass
2	4360.600	50.40	-2.64	74.0	23.60	Peak	360.00	300	Horizontal	Pass
2**	4360.600	41.00	-2.64	54.0	13.00	AV	360.00	300	Horizontal	Pass
3	5184.600	100.94	-1.52	--	--	Peak	104.00	100	Horizontal	N/A
3**	5184.600	93.29	-1.52	--	--	AV	104.00	100	Horizontal	N/A
4	7381.225	49.64	-3.71	74.0	24.36	Peak	341.00	400	Horizontal	Pass
4**	7381.225	39.79	-3.71	54.0	14.21	AV	341.00	400	Horizontal	Pass
5	11216.474	51.48	-0.19	74.0	22.52	Peak	51.00	150	Horizontal	Pass
5**	11216.474	42.40	-0.19	54.0	11.60	AV	51.00	150	Horizontal	Pass
6	16111.313	54.40	0.74	74.0	19.60	Peak	360.00	200	Horizontal	Pass
6**	16111.313	44.42	0.74	54.0	9.58	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.000	38.61	-17.44	74.0	35.39	Peak	198.00	300	Vertical	Pass
1**	1597.000	29.26	-17.44	54.0	24.74	AV	198.00	300	Vertical	Pass
2	4383.200	50.19	-2.92	74.0	23.81	Peak	241.00	200	Vertical	Pass
2**	4383.200	41.68	-2.92	54.0	12.32	AV	241.00	200	Vertical	Pass
3	5182.000	106.62	-1.72	--	--	Peak	327.00	100	Vertical	N/A
3**	5182.000	98.85	-1.72	--	--	AV	327.00	100	Vertical	N/A
4	7375.475	49.41	-3.74	74.0	24.59	Peak	0.00	200	Vertical	Pass
4**	7375.475	40.63	-3.74	54.0	13.37	AV	0.00	200	Vertical	Pass
5	10928.687	51.31	0.11	74.0	22.69	Peak	0.00	200	Vertical	Pass
5**	10928.687	42.71	0.11	54.0	11.29	AV	0.00	200	Vertical	Pass
6	15850.387	53.13	1.32	74.0	20.87	Peak	52.00	400	Vertical	Pass
6**	15850.387	44.73	1.32	54.0	9.27	AV	52.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.600	39.01	-17.25	74.0	34.99	Peak	325.00	100	Horizontal	Pass
1**	1448.600	28.93	-17.25	54.0	25.07	AV	325.00	100	Horizontal	Pass
2	4382.400	50.24	-2.97	74.0	23.76	Peak	195.00	100	Horizontal	Pass
2**	4382.400	41.88	-2.97	54.0	12.12	AV	195.00	100	Horizontal	Pass
3	5216.000	101.41	-2.37	--	--	Peak	97.00	200	Horizontal	N/A
3**	5216.000	93.84	-2.37	--	--	AV	97.00	200	Horizontal	N/A
4	7377.200	49.00	-3.72	74.0	25.00	Peak	284.00	200	Horizontal	Pass
4**	7377.200	40.70	-3.72	54.0	13.30	AV	284.00	200	Horizontal	Pass
5	10916.612	51.38	0.21	74.0	22.62	Peak	60.00	100	Horizontal	Pass
5**	10916.612	42.09	0.21	54.0	11.91	AV	60.00	100	Horizontal	Pass
6	15852.225	53.58	1.27	74.0	20.42	Peak	137.00	100	Horizontal	Pass
6**	15852.225	44.59	1.27	54.0	9.41	AV	137.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.500	39.36	-17.24	74.0	34.64	Peak	176.00	300	Vertical	Pass
1**	1541.500	29.08	-17.24	54.0	24.92	AV	176.00	300	Vertical	Pass
2	4357.200	50.11	-2.48	74.0	23.89	Peak	135.00	400	Vertical	Pass
2**	4357.200	42.27	-2.48	54.0	11.73	AV	135.00	400	Vertical	Pass
3	5217.000	107.01	-2.47	--	--	Peak	329.00	150	Vertical	N/A
3**	5217.000	99.45	-2.47	--	--	AV	329.00	150	Vertical	N/A
4	7365.125	49.19	-4.02	74.0	24.81	Peak	305.00	300	Vertical	Pass
4**	7365.125	40.63	-4.02	54.0	13.37	AV	305.00	300	Vertical	Pass
5	11219.063	51.78	-0.20	74.0	22.22	Peak	305.00	100	Vertical	Pass
5**	11219.063	42.38	-0.20	54.0	11.62	AV	305.00	100	Vertical	Pass
6	16108.687	53.55	0.82	74.0	20.45	Peak	209.00	300	Vertical	Pass
6**	16108.687	44.00	0.82	54.0	10.00	AV	209.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.900	38.88	-17.42	74.0	35.12	Peak	357.00	300	Horizontal	Pass
1**	1515.900	28.95	-17.42	54.0	25.05	AV	357.00	300	Horizontal	Pass
2	4282.400	50.43	-3.48	74.0	23.57	Peak	232.00	200	Horizontal	Pass
2**	4282.400	40.89	-3.48	54.0	13.11	AV	232.00	200	Horizontal	Pass
3	5241.600	100.97	-1.92	--	--	Peak	140.00	200	Horizontal	N/A
3**	5241.600	93.46	-1.92	--	--	AV	140.00	200	Horizontal	N/A
4	7373.463	49.22	-3.77	74.0	24.78	Peak	302.00	400	Horizontal	Pass
4**	7373.463	40.28	-3.77	54.0	13.72	AV	302.00	400	Horizontal	Pass
5	12320.763	51.04	1.42	74.0	22.96	Peak	40.00	100	Horizontal	Pass
5**	12320.763	41.21	1.42	54.0	12.79	AV	40.00	100	Horizontal	Pass
6	16101.599	53.77	1.13	74.0	20.23	Peak	360.00	200	Horizontal	Pass
6**	16101.599	44.43	1.13	54.0	9.57	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.100	39.05	-17.44	74.0	34.95	Peak	48.00	200	Vertical	Pass
1**	1562.100	29.53	-17.44	54.0	24.47	AV	48.00	200	Vertical	Pass
2	4356.400	49.76	-2.36	74.0	24.24	Peak	0.00	300	Vertical	Pass
2**	4356.400	41.68	-2.36	54.0	12.32	AV	0.00	300	Vertical	Pass
3	5242.000	107.29	-1.92	--	--	Peak	328.00	100	Vertical	N/A
3**	5242.000	99.19	-1.92	--	--	AV	328.00	100	Vertical	N/A
4	7343.275	49.52	-3.59	74.0	24.48	Peak	59.00	100	Vertical	Pass
4**	7343.275	39.96	-3.59	54.0	14.04	AV	59.00	100	Vertical	Pass
5	10920.925	51.64	0.22	74.0	22.36	Peak	0.00	200	Vertical	Pass
5**	10920.925	42.24	0.22	54.0	11.76	AV	0.00	200	Vertical	Pass
6	15830.700	53.81	1.49	74.0	20.19	Peak	19.00	100	Vertical	Pass
6**	15830.700	43.81	1.49	54.0	10.19	AV	19.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.900	39.27	-17.10	74.0	34.73	Peak	57.00	100	Horizontal	Pass
1**	1547.900	29.49	-17.10	54.0	24.51	AV	57.00	100	Horizontal	Pass
2	4208.000	49.75	-4.54	74.0	24.25	Peak	191.00	300	Horizontal	Pass
2**	4208.000	41.91	-4.54	54.0	12.09	AV	191.00	300	Horizontal	Pass
3	5188.200	96.71	-1.67	--	--	Peak	102.00	150	Horizontal	N/A
3**	5188.200	88.52	-1.67	--	--	AV	102.00	150	Horizontal	N/A
4	7347.013	50.24	-3.83	74.0	23.76	Peak	201.00	200	Horizontal	Pass
4**	7347.013	40.36	-3.83	54.0	13.64	AV	201.00	200	Horizontal	Pass
5	11604.312	51.85	-0.01	74.0	22.15	Peak	131.00	100	Horizontal	Pass
5**	11604.312	41.62	-0.01	54.0	12.38	AV	131.00	100	Horizontal	Pass
6	16095.563	52.96	1.31	74.0	21.04	Peak	349.00	300	Horizontal	Pass
6**	16095.563	44.94	1.31	54.0	9.06	AV	349.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.400	39.32	-17.19	74.0	34.68	Peak	91.00	400	Vertical	Pass
1**	1550.400	29.21	-17.19	54.0	24.79	AV	91.00	400	Vertical	Pass
2	4378.000	50.46	-2.88	74.0	23.54	Peak	0.00	400	Vertical	Pass
2**	4378.000	41.42	-2.88	54.0	12.58	AV	0.00	400	Vertical	Pass
3	5199.600	102.49	-1.95	--	--	Peak	333.00	150	Vertical	N/A
3**	5199.600	95.18	-1.95	--	--	AV	333.00	150	Vertical	N/A
4	7353.337	49.62	-3.88	74.0	24.38	Peak	112.00	300	Vertical	Pass
4**	7353.337	40.02	-3.88	54.0	13.98	AV	112.00	300	Vertical	Pass
5	11217.625	51.46	-0.20	74.0	22.54	Peak	281.00	150	Vertical	Pass
5**	11217.625	42.45	-0.20	54.0	11.55	AV	281.00	150	Vertical	Pass
6	15843.037	54.49	1.40	74.0	19.51	Peak	141.00	300	Vertical	Pass
6**	15843.037	44.58	1.40	54.0	9.42	AV	141.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.000	39.33	-17.29	74.0	34.67	Peak	90.00	300	Horizontal	Pass
1**	1538.000	29.72	-17.29	54.0	24.28	AV	90.00	300	Horizontal	Pass
2	4386.000	50.52	-3.03	74.0	23.48	Peak	294.00	100	Horizontal	Pass
2**	4386.000	41.11	-3.03	54.0	12.89	AV	294.00	100	Horizontal	Pass
3	5232.800	96.19	-2.10	--	--	Peak	109.00	150	Horizontal	N/A
3**	5232.800	88.79	-2.10	--	--	AV	109.00	150	Horizontal	N/A
4	7351.612	49.14	-3.85	74.0	24.86	Peak	149.00	300	Horizontal	Pass
4**	7351.612	40.17	-3.85	54.0	13.83	AV	149.00	300	Horizontal	Pass
5	12312.424	51.22	1.39	74.0	22.78	Peak	206.00	150	Horizontal	Pass
5**	12312.424	40.67	1.39	54.0	13.33	AV	206.00	150	Horizontal	Pass
6	15851.963	53.44	1.28	74.0	20.56	Peak	19.00	400	Horizontal	Pass
6**	15851.963	43.83	1.28	54.0	10.17	AV	19.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.300	39.08	-17.26	74.0	34.92	Peak	316.00	400	Vertical	Pass
1**	1624.300	29.43	-17.26	54.0	24.57	AV	316.00	400	Vertical	Pass
2	4284.000	50.19	-3.04	74.0	23.81	Peak	354.00	200	Vertical	Pass
2**	4284.000	41.06	-3.04	54.0	12.94	AV	354.00	200	Vertical	Pass
3	5235.200	102.20	-1.94	--	--	Peak	330.00	150	Vertical	N/A
3**	5235.200	94.43	-1.94	--	--	AV	330.00	150	Vertical	N/A
4	7347.875	49.40	-3.84	74.0	24.60	Peak	26.00	400	Vertical	Pass
4**	7347.875	40.95	-3.84	54.0	13.05	AV	26.00	400	Vertical	Pass
5	11937.237	51.74	1.69	74.0	22.26	Peak	44.00	100	Vertical	Pass
5**	11937.237	41.24	1.69	54.0	12.76	AV	44.00	100	Vertical	Pass
6	15838.050	54.13	1.45	74.0	19.87	Peak	62.00	400	Vertical	Pass
6**	15838.050	44.59	1.45	54.0	9.41	AV	62.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.700	38.93	-17.01	74.0	35.07	Peak	114.00	300	Horizontal	Pass
1**	1545.700	29.65	-17.01	54.0	24.35	AV	114.00	300	Horizontal	Pass
2	4352.000	50.75	-3.13	74.0	23.25	Peak	71.00	300	Horizontal	Pass
2**	4352.000	40.58	-3.13	54.0	13.42	AV	71.00	300	Horizontal	Pass
3	5183.600	101.16	-1.66	--	--	Peak	136.00	150	Horizontal	N/A
3**	5183.600	94.46	-1.66	--	--	AV	136.00	150	Horizontal	N/A
4	7368.288	49.25	-4.05	74.0	24.75	Peak	325.00	200	Horizontal	Pass
4**	7368.288	41.17	-4.05	54.0	12.83	AV	325.00	200	Horizontal	Pass
5	10929.549	51.22	0.09	74.0	22.78	Peak	41.00	150	Horizontal	Pass
5**	10929.549	42.67	0.09	54.0	11.33	AV	41.00	150	Horizontal	Pass
6	15845.925	53.77	1.36	74.0	20.23	Peak	16.00	200	Horizontal	Pass
6**	15845.925	44.62	1.36	54.0	9.38	AV	16.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1442.200	39.59	-17.28	74.0	34.41	Peak	0.00	200	Vertical	Pass
1**	1442.200	29.90	-17.28	54.0	24.10	AV	0.00	200	Vertical	Pass
2	4281.000	49.84	-3.59	74.0	24.16	Peak	298.00	400	Vertical	Pass
2**	4281.000	40.65	-3.59	54.0	13.35	AV	298.00	400	Vertical	Pass
3	5183.200	107.15	-1.72	--	--	Peak	327.00	100	Vertical	N/A
3**	5183.200	98.99	-1.72	--	--	AV	327.00	100	Vertical	N/A
4	7349.887	49.07	-3.87	74.0	24.93	Peak	243.00	200	Vertical	Pass
4**	7349.887	39.71	-3.87	54.0	14.29	AV	243.00	200	Vertical	Pass
5	10941.050	50.92	-0.08	74.0	23.08	Peak	243.00	100	Vertical	Pass
5**	10941.050	42.47	-0.08	54.0	11.53	AV	243.00	100	Vertical	Pass
6	16092.937	53.94	1.37	74.0	20.06	Peak	360.00	400	Vertical	Pass
6**	16092.937	45.61	1.37	54.0	8.39	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1451.300	39.46	-17.21	74.0	34.54	Peak	360.00	100	Horizontal	Pass
1**	1451.300	29.13	-17.21	54.0	24.87	AV	360.00	100	Horizontal	Pass
2	4286.000	50.07	-3.44	74.0	23.93	Peak	191.00	200	Horizontal	Pass
2**	4286.000	41.26	-3.44	54.0	12.74	AV	191.00	200	Horizontal	Pass
3	5216.200	101.25	-2.39	--	--	Peak	129.00	150	Horizontal	N/A
3**	5216.200	93.71	-2.39	--	--	AV	129.00	150	Horizontal	N/A
4	7378.350	49.27	-3.69	74.0	24.73	Peak	56.00	400	Horizontal	Pass
4**	7378.350	39.97	-3.69	54.0	14.03	AV	56.00	400	Horizontal	Pass
5	10943.350	51.51	-0.11	74.0	22.49	Peak	17.00	100	Horizontal	Pass
5**	10943.350	42.17	-0.11	54.0	11.83	AV	17.00	100	Horizontal	Pass
6	15833.850	53.29	1.46	74.0	20.71	Peak	241.00	300	Horizontal	Pass
6**	15833.850	44.43	1.46	54.0	9.57	AV	241.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.200	38.60	-17.27	74.0	35.40	Peak	154.00	400	Vertical	Pass
1**	1468.200	29.46	-17.27	54.0	24.54	AV	154.00	400	Vertical	Pass
2	4384.200	50.75	-2.88	74.0	23.25	Peak	326.00	400	Vertical	Pass
2**	4384.200	40.67	-2.88	54.0	13.33	AV	326.00	400	Vertical	Pass
3	5218.400	106.68	-2.74	--	--	Peak	326.00	200	Vertical	N/A
3**	5218.400	99.20	-2.74	--	--	AV	326.00	200	Vertical	N/A
4	7355.925	49.62	-4.08	74.0	24.38	Peak	229.00	400	Vertical	Pass
4**	7355.925	39.76	-4.08	54.0	14.24	AV	229.00	400	Vertical	Pass
5	10925.525	52.04	0.15	74.0	21.96	Peak	110.00	200	Vertical	Pass
5**	10925.525	42.37	0.15	54.0	11.63	AV	110.00	200	Vertical	Pass
6	15839.887	53.58	1.45	74.0	20.42	Peak	62.00	300	Vertical	Pass
6**	15839.887	44.48	1.45	54.0	9.52	AV	62.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.700	40.45	-17.19	74.0	33.55	Peak	59.00	200	Horizontal	Pass
1**	1498.700	29.76	-17.19	54.0	24.24	AV	59.00	200	Horizontal	Pass
2	4365.800	50.87	-2.91	74.0	23.13	Peak	22.00	300	Horizontal	Pass
2**	4365.800	41.01	-2.91	54.0	12.99	AV	22.00	300	Horizontal	Pass
3	5241.600	100.71	-1.92	--	--	Peak	91.00	200	Horizontal	N/A
3**	5241.600	93.81	-1.92	--	--	AV	91.00	200	Horizontal	N/A
4	7335.225	48.89	-3.37	74.0	25.11	Peak	162.00	300	Horizontal	Pass
4**	7335.225	40.35	-3.37	54.0	13.65	AV	162.00	300	Horizontal	Pass
5	10935.875	51.60	-0.02	74.0	22.40	Peak	61.00	200	Horizontal	Pass
5**	10935.875	42.49	-0.02	54.0	11.51	AV	61.00	200	Horizontal	Pass
6	15838.576	53.53	1.45	74.0	20.47	Peak	161.00	200	Horizontal	Pass
6**	15838.576	44.26	1.45	54.0	9.74	AV	161.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.500	39.19	-17.22	74.0	34.81	Peak	106.00	200	Vertical	Pass
1**	1532.500	28.73	-17.22	54.0	25.27	AV	106.00	200	Vertical	Pass
2	4378.600	50.33	-2.93	74.0	23.67	Peak	84.00	100	Vertical	Pass
2**	4378.600	41.51	-2.93	54.0	12.49	AV	84.00	100	Vertical	Pass
3	5237.800	106.85	-1.86	--	--	Peak	332.00	150	Vertical	N/A
3**	5237.800	99.04	-1.86	--	--	AV	332.00	150	Vertical	N/A
4	7351.612	49.70	-3.85	74.0	24.30	Peak	33.00	300	Vertical	Pass
4**	7351.612	40.03	-3.85	54.0	13.97	AV	33.00	300	Vertical	Pass
5	11223.375	50.95	-0.22	74.0	23.05	Peak	130.00	150	Vertical	Pass
5**	11223.375	42.96	-0.22	54.0	11.04	AV	130.00	150	Vertical	Pass
6	15832.013	53.34	1.48	74.0	20.66	Peak	178.00	400	Vertical	Pass
6**	15832.013	44.28	1.48	54.0	9.72	AV	178.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.400	38.82	-17.22	74.0	35.18	Peak	139.00	400	Horizontal	Pass
1**	1548.400	29.76	-17.22	54.0	24.24	AV	139.00	400	Horizontal	Pass
2	4368.600	50.09	-2.78	74.0	23.91	Peak	360.00	300	Horizontal	Pass
2**	4368.600	41.14	-2.78	54.0	12.86	AV	360.00	300	Horizontal	Pass
3	5201.400	99.28	-1.99	--	--	Peak	314.00	200	Horizontal	N/A
3**	5201.400	92.25	-1.99	--	--	AV	314.00	200	Horizontal	N/A
4	7373.750	49.71	-3.75	74.0	24.29	Peak	172.00	100	Horizontal	Pass
4**	7373.750	40.52	-3.75	54.0	13.48	AV	172.00	100	Horizontal	Pass
5	10922.362	51.09	0.20	74.0	22.91	Peak	66.00	100	Horizontal	Pass
5**	10922.362	41.70	0.20	54.0	12.30	AV	66.00	100	Horizontal	Pass
6	15827.550	53.30	1.57	74.0	20.70	Peak	0.00	200	Horizontal	Pass
6**	15827.550	44.20	1.57	54.0	9.80	AV	0.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.000	39.12	-17.34	74.0	34.88	Peak	286.00	300	Vertical	Pass
1**	1480.000	29.38	-17.34	54.0	24.62	AV	286.00	300	Vertical	Pass
2	4380.600	50.31	-3.02	74.0	23.69	Peak	237.00	400	Vertical	Pass
2**	4380.600	40.95	-3.02	54.0	13.05	AV	237.00	400	Vertical	Pass
3	5186.000	104.28	-1.48	--	--	Peak	153.00	150	Vertical	N/A
3**	5186.000	96.81	-1.48	--	--	AV	153.00	150	Vertical	N/A
4	7371.737	48.65	-3.87	74.0	25.35	Peak	345.00	400	Vertical	Pass
4**	7371.737	40.21	-3.87	54.0	13.79	AV	345.00	400	Vertical	Pass
5	11208.424	51.28	-0.23	74.0	22.72	Peak	295.00	150	Vertical	Pass
5**	11208.424	41.19	-0.23	54.0	12.81	AV	295.00	150	Vertical	Pass
6	16100.287	53.64	1.19	74.0	20.36	Peak	193.00	200	Vertical	Pass
6**	16100.287	45.45	1.19	54.0	8.55	AV	193.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.800	38.47	-17.03	74.0	35.53	Peak	265.00	200	Horizontal	Pass
1**	1525.800	29.80	-17.03	54.0	24.20	AV	265.00	200	Horizontal	Pass
2	4382.000	49.94	-3.00	74.0	24.06	Peak	348.00	400	Horizontal	Pass
2**	4382.000	41.70	-3.00	54.0	12.30	AV	348.00	400	Horizontal	Pass
3	5224.000	99.20	-2.68	--	--	Peak	315.00	150	Horizontal	N/A
3**	5224.000	90.75	-2.68	--	--	AV	315.00	150	Horizontal	N/A
4	7376.912	49.94	-3.73	74.0	24.06	Peak	39.00	200	Horizontal	Pass
4**	7376.912	40.40	-3.73	54.0	13.60	AV	39.00	200	Horizontal	Pass
5	10617.612	50.92	-1.25	74.0	23.08	Peak	172.00	150	Horizontal	Pass
5**	10617.612	40.88	-1.25	54.0	13.12	AV	172.00	150	Horizontal	Pass
6	15827.812	54.21	1.56	74.0	19.79	Peak	72.00	200	Horizontal	Pass
6**	15827.812	44.46	1.56	54.0	9.54	AV	72.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.700	38.64	-16.96	74.0	35.36	Peak	256.00	100	Vertical	Pass
1**	1551.700	30.21	-16.96	54.0	23.79	AV	256.00	100	Vertical	Pass
2	4368.800	50.08	-2.75	74.0	23.92	Peak	39.00	100	Vertical	Pass
2**	4368.800	41.58	-2.75	54.0	12.42	AV	39.00	100	Vertical	Pass
3	5239.200	104.35	-1.89	--	--	Peak	159.00	100	Vertical	N/A
3**	5239.200	96.98	-1.89	--	--	AV	159.00	100	Vertical	N/A
4	7379.788	49.12	-3.61	74.0	24.88	Peak	217.00	300	Vertical	Pass
4**	7379.788	40.42	-3.61	54.0	13.58	AV	217.00	300	Vertical	Pass
5	10918.050	51.56	0.22	74.0	22.44	Peak	251.00	100	Vertical	Pass
5**	10918.050	42.70	0.22	54.0	11.30	AV	251.00	100	Vertical	Pass
6	15838.050	54.82	1.45	74.0	19.18	Peak	262.00	400	Vertical	Pass
6**	15838.050	44.62	1.45	54.0	9.38	AV	262.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.700	39.10	-17.45	74.0	34.90	Peak	221.00	100	Horizontal	Pass
1**	1523.700	29.00	-17.45	54.0	25.00	AV	221.00	100	Horizontal	Pass
2	4285.000	50.23	-3.20	74.0	23.77	Peak	329.00	100	Horizontal	Pass
2**	4285.000	40.42	-3.20	54.0	13.58	AV	329.00	100	Horizontal	Pass
3	5186.400	95.92	-1.50	--	--	Peak	308.00	200	Horizontal	N/A
3**	5186.400	89.00	-1.50	--	--	AV	308.00	200	Horizontal	N/A
4	7667.575	49.51	-2.33	74.0	24.49	Peak	185.00	100	Horizontal	Pass
4**	7667.575	39.18	-2.33	54.0	14.82	AV	185.00	100	Horizontal	Pass
5	10912.300	50.97	0.18	74.0	23.03	Peak	234.00	150	Horizontal	Pass
5**	10912.300	42.12	0.18	54.0	11.88	AV	234.00	150	Horizontal	Pass
6	15849.862	53.68	1.33	74.0	20.32	Peak	265.00	100	Horizontal	Pass
6**	15849.862	43.98	1.33	54.0	10.02	AV	265.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	38.82	-17.18	74.0	35.18	Peak	341.00	400	Vertical	Pass
1**	1493.200	29.88	-17.18	54.0	24.12	AV	341.00	400	Vertical	Pass
2	4370.400	50.12	-2.86	74.0	23.88	Peak	355.00	100	Vertical	Pass
2**	4370.400	40.99	-2.86	54.0	13.01	AV	355.00	100	Vertical	Pass
3	5201.200	101.44	-1.98	--	--	Peak	151.00	150	Vertical	N/A
3**	5201.200	93.44	-1.98	--	--	AV	151.00	150	Vertical	N/A
4	7365.125	50.39	-4.02	74.0	23.61	Peak	165.00	400	Vertical	Pass
4**	7365.125	40.14	-4.02	54.0	13.86	AV	165.00	400	Vertical	Pass
5	10937.026	51.57	-0.03	74.0	22.43	Peak	116.00	150	Vertical	Pass
5**	10937.026	42.28	-0.03	54.0	11.72	AV	116.00	150	Vertical	Pass
6	16100.813	54.12	1.16	74.0	19.88	Peak	263.00	200	Vertical	Pass
6**	16100.813	45.07	1.16	54.0	8.93	AV	263.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.000	39.18	-16.97	74.0	34.82	Peak	5.00	200	Horizontal	Pass
1**	1547.000	30.00	-16.97	54.0	24.00	AV	5.00	200	Horizontal	Pass
2	4367.000	49.51	-3.03	74.0	24.49	Peak	360.00	400	Horizontal	Pass
2**	4367.000	39.99	-3.03	54.0	14.01	AV	360.00	400	Horizontal	Pass
3	5256.000	100.92	-1.84	--	--	Peak	317.00	200	Horizontal	N/A
3**	5256.000	93.75	-1.84	--	--	AV	317.00	200	Horizontal	N/A
4	7376.050	49.17	-3.74	74.0	24.83	Peak	247.00	400	Horizontal	Pass
4**	7376.050	40.50	-3.74	54.0	13.50	AV	247.00	400	Horizontal	Pass
5	10922.362	50.94	0.20	74.0	23.06	Peak	101.00	150	Horizontal	Pass
5**	10922.362	42.36	0.20	54.0	11.64	AV	101.00	150	Horizontal	Pass
6	16094.250	53.15	1.34	74.0	20.85	Peak	352.00	100	Horizontal	Pass
6**	16094.250	43.94	1.34	54.0	10.06	AV	352.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.300	38.52	-17.26	74.0	35.48	Peak	219.00	100	Vertical	Pass
1**	1624.300	29.59	-17.26	54.0	24.41	AV	219.00	100	Vertical	Pass
2	4358.400	49.47	-2.67	74.0	24.53	Peak	305.00	100	Vertical	Pass
2**	4358.400	41.29	-2.67	54.0	12.71	AV	305.00	100	Vertical	Pass
3	5256.000	106.64	-1.84	--	--	Peak	160.00	100	Vertical	N/A
3**	5256.000	99.48	-1.84	--	--	AV	160.00	100	Vertical	N/A
4	7674.475	48.89	-2.44	74.0	25.11	Peak	222.00	300	Vertical	Pass
4**	7674.475	39.97	-2.44	54.0	14.03	AV	222.00	300	Vertical	Pass
5	11214.463	51.34	-0.19	74.0	22.66	Peak	270.00	100	Vertical	Pass
5**	11214.463	42.07	-0.19	54.0	11.93	AV	270.00	100	Vertical	Pass
6	15787.912	53.77	1.92	74.0	20.23	Peak	306.00	200	Vertical	Pass
6**	15787.912	43.78	1.92	54.0	10.22	AV	306.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	38.80	-17.23	74.0	35.20	Peak	32.00	200	Horizontal	Pass
1**	1501.700	29.92	-17.23	54.0	24.08	AV	32.00	200	Horizontal	Pass
2	4377.000	50.30	-2.89	74.0	23.70	Peak	285.00	300	Horizontal	Pass
2**	4377.000	40.64	-2.89	54.0	13.36	AV	285.00	300	Horizontal	Pass
3	5295.400	101.10	-2.24	--	--	Peak	316.00	200	Horizontal	N/A
3**	5295.400	92.85	-2.24	--	--	AV	316.00	200	Horizontal	N/A
4	7372.600	48.72	-3.82	74.0	25.28	Peak	17.00	100	Horizontal	Pass
4**	7372.600	39.77	-3.82	54.0	14.23	AV	17.00	100	Horizontal	Pass
5	10933.576	51.28	0.02	74.0	22.72	Peak	252.00	200	Horizontal	Pass
5**	10933.576	41.78	0.02	54.0	12.22	AV	252.00	200	Horizontal	Pass
6	16083.488	53.33	1.56	74.0	20.67	Peak	207.00	100	Horizontal	Pass
6**	16083.488	44.33	1.56	54.0	9.67	AV	207.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.300	38.73	-17.45	74.0	35.27	Peak	293.00	100	Vertical	Pass
1**	1612.300	29.23	-17.45	54.0	24.77	AV	293.00	100	Vertical	Pass
2	4346.400	49.38	-2.89	74.0	24.62	Peak	229.00	400	Vertical	Pass
2**	4346.400	40.68	-2.89	54.0	13.32	AV	229.00	400	Vertical	Pass
3	5298.800	106.61	-2.32	--	--	Peak	161.00	100	Vertical	N/A
3**	5298.800	98.85	-2.32	--	--	AV	161.00	100	Vertical	N/A
4	7355.350	49.37	-4.03	74.0	24.63	Peak	123.00	400	Vertical	Pass
4**	7355.350	40.81	-4.03	54.0	13.19	AV	123.00	400	Vertical	Pass
5	10918.338	51.78	0.22	74.0	22.22	Peak	50.00	200	Vertical	Pass
5**	10918.338	42.21	0.22	54.0	11.79	AV	50.00	200	Vertical	Pass
6	15898.687	54.72	0.25	74.0	19.28	Peak	360.00	400	Vertical	Pass
6**	15898.687	45.49	0.25	54.0	8.51	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	38.62	-17.23	74.0	35.38	Peak	236.00	300	Horizontal	Pass
1**	1501.700	30.06	-17.23	54.0	23.94	AV	236.00	300	Horizontal	Pass
2	4358.200	50.23	-2.64	74.0	23.77	Peak	172.00	300	Horizontal	Pass
2**	4358.200	41.72	-2.64	54.0	12.28	AV	172.00	300	Horizontal	Pass
3	5318.000	100.77	-2.14	--	--	Peak	315.00	100	Horizontal	N/A
3**	5318.000	93.09	-2.14	--	--	AV	315.00	100	Horizontal	N/A
4	7365.412	48.83	-4.02	74.0	25.17	Peak	9.00	400	Horizontal	Pass
4**	7365.412	40.25	-4.02	54.0	13.75	AV	9.00	400	Horizontal	Pass
5	11223.663	51.32	-0.22	74.0	22.68	Peak	101.00	200	Horizontal	Pass
5**	11223.663	42.75	-0.22	54.0	11.25	AV	101.00	200	Horizontal	Pass
6	15846.450	53.94	1.36	74.0	20.06	Peak	298.00	200	Horizontal	Pass
6**	15846.450	44.47	1.36	54.0	9.53	AV	298.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.000	38.31	-17.32	74.0	35.69	Peak	358.00	200	Vertical	Pass
1**	1569.000	29.17	-17.32	54.0	24.83	AV	358.00	200	Vertical	Pass
2	4285.000	49.79	-3.20	74.0	24.21	Peak	360.00	100	Vertical	Pass
2**	4285.000	41.23	-3.20	54.0	12.77	AV	360.00	100	Vertical	Pass
3	5318.400	105.85	-2.11	--	--	Peak	147.00	200	Vertical	N/A
3**	5318.400	98.70	-2.11	--	--	AV	147.00	200	Vertical	N/A
4	7386.113	48.73	-3.92	74.0	25.27	Peak	144.00	200	Vertical	Pass
4**	7386.113	39.71	-3.92	54.0	14.29	AV	144.00	200	Vertical	Pass
5	11204.112	51.13	-0.27	74.0	22.87	Peak	181.00	150	Vertical	Pass
5**	11204.112	41.67	-0.27	54.0	12.33	AV	181.00	150	Vertical	Pass
6	15962.738	56.04	0.18	74.0	17.96	Peak	360.00	400	Vertical	Pass
6**	15962.738	46.69	0.18	54.0	7.31	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	38.86	-17.19	74.0	35.14	Peak	0.00	300	Horizontal	Pass
1**	1500.300	28.85	-17.19	54.0	25.15	AV	0.00	300	Horizontal	Pass
2	4219.600	50.33	-4.96	74.0	23.67	Peak	287.00	200	Horizontal	Pass
2**	4219.600	39.96	-4.96	54.0	14.04	AV	287.00	200	Horizontal	Pass
3	5262.400	100.64	-2.12	--	--	Peak	275.00	150	Horizontal	N/A
3**	5262.400	92.83	-2.12	--	--	AV	275.00	150	Horizontal	N/A
4	7371.163	48.81	-3.92	74.0	25.19	Peak	175.00	300	Horizontal	Pass
4**	7371.163	40.70	-3.92	54.0	13.30	AV	175.00	300	Horizontal	Pass
5	12226.750	50.81	1.31	74.0	23.19	Peak	111.00	200	Horizontal	Pass
5**	12226.750	41.53	1.31	54.0	12.47	AV	111.00	200	Horizontal	Pass
6	15832.800	53.31	1.47	74.0	20.69	Peak	102.00	400	Horizontal	Pass
6**	15832.800	44.56	1.47	54.0	9.44	AV	102.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1615.900	38.81	-17.46	74.0	35.19	Peak	2.00	100	Vertical	Pass
1**	1615.900	28.97	-17.46	54.0	25.03	AV	2.00	100	Vertical	Pass
2	4389.400	49.92	-3.18	74.0	24.08	Peak	327.00	100	Vertical	Pass
2**	4389.400	40.66	-3.18	54.0	13.34	AV	327.00	100	Vertical	Pass
3	5258.800	106.49	-2.15	--	--	Peak	161.00	150	Vertical	N/A
3**	5258.800	99.53	-2.15	--	--	AV	161.00	150	Vertical	N/A
4	7332.350	49.02	-3.57	74.0	24.98	Peak	100.00	200	Vertical	Pass
4**	7332.350	39.77	-3.57	54.0	14.23	AV	100.00	200	Vertical	Pass
5	11194.050	50.78	-0.38	74.0	23.22	Peak	253.00	150	Vertical	Pass
5**	11194.050	41.24	-0.38	54.0	12.76	AV	253.00	150	Vertical	Pass
6	15782.662	53.93	1.68	74.0	20.07	Peak	360.00	400	Vertical	Pass
6**	15782.662	44.41	1.68	54.0	9.59	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.000	39.04	-17.13	74.0	34.96	Peak	0.00	300	Horizontal	Pass
1**	1548.000	29.14	-17.13	54.0	24.86	AV	0.00	300	Horizontal	Pass
2	4186.400	49.77	-3.84	74.0	24.23	Peak	59.00	100	Horizontal	Pass
2**	4186.400	40.18	-3.84	54.0	13.82	AV	59.00	100	Horizontal	Pass
3	5297.600	100.26	-2.34	--	--	Peak	312.00	150	Horizontal	N/A
3**	5297.600	93.08	-2.34	--	--	AV	312.00	150	Horizontal	N/A
4	7380.362	49.12	-3.61	74.0	24.88	Peak	100.00	200	Horizontal	Pass
4**	7380.362	40.06	-3.61	54.0	13.94	AV	100.00	200	Horizontal	Pass
5	10934.150	51.05	0.00	74.0	22.95	Peak	360.00	150	Horizontal	Pass
5**	10934.150	41.33	0.00	54.0	12.67	AV	360.00	150	Horizontal	Pass
6	15827.550	53.38	1.57	74.0	20.62	Peak	359.00	300	Horizontal	Pass
6**	15827.550	45.03	1.57	54.0	8.97	AV	359.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.600	38.69	-17.50	74.0	35.31	Peak	165.00	200	Vertical	Pass
1**	1528.600	29.85	-17.50	54.0	24.15	AV	165.00	200	Vertical	Pass
2	4360.800	50.11	-2.64	74.0	23.89	Peak	0.00	200	Vertical	Pass
2**	4360.800	40.71	-2.64	54.0	13.29	AV	0.00	200	Vertical	Pass
3	5298.200	106.33	-2.34	--	--	Peak	153.00	150	Vertical	N/A
3**	5298.200	98.28	-2.34	--	--	AV	153.00	150	Vertical	N/A
4	7376.912	48.95	-3.73	74.0	25.05	Peak	327.00	300	Vertical	Pass
4**	7376.912	39.83	-3.73	54.0	14.17	AV	327.00	300	Vertical	Pass
5	10911.150	51.09	0.17	74.0	22.91	Peak	0.00	150	Vertical	Pass
5**	10911.150	42.15	0.17	54.0	11.85	AV	0.00	150	Vertical	Pass
6	15895.537	54.98	0.21	74.0	19.02	Peak	316.00	300	Vertical	Pass
6**	15895.537	45.55	0.21	54.0	8.45	AV	316.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.100	40.23	-17.19	74.0	33.77	Peak	106.00	200	Horizontal	Pass
1**	1499.100	28.96	-17.19	54.0	25.04	AV	106.00	200	Horizontal	Pass
2	4376.800	49.47	-2.90	74.0	24.53	Peak	162.00	400	Horizontal	Pass
2**	4376.800	41.19	-2.90	54.0	12.81	AV	162.00	400	Horizontal	Pass
3	5323.600	100.12	-2.23	--	--	Peak	284.00	100	Horizontal	N/A
3**	5323.600	92.19	-2.23	--	--	AV	284.00	100	Horizontal	N/A
4	7375.763	49.51	-3.74	74.0	24.49	Peak	233.00	300	Horizontal	Pass
4**	7375.763	40.64	-3.74	54.0	13.36	AV	233.00	300	Horizontal	Pass
5	10924.088	51.10	0.17	74.0	22.90	Peak	0.00	200	Horizontal	Pass
5**	10924.088	42.28	0.17	54.0	11.72	AV	0.00	200	Horizontal	Pass
6	15965.100	53.20	0.23	74.0	20.80	Peak	41.00	200	Horizontal	Pass
6**	15965.100	43.70	0.23	54.0	10.30	AV	41.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.600	39.32	-17.32	74.0	34.68	Peak	90.00	100	Vertical	Pass
1**	1503.600	29.42	-17.32	54.0	24.58	AV	90.00	100	Vertical	Pass
2	4359.400	49.61	-2.67	74.0	24.39	Peak	233.00	300	Vertical	Pass
2**	4359.400	41.15	-2.67	54.0	12.85	AV	233.00	300	Vertical	Pass
3	5316.600	105.87	-2.21	--	--	Peak	161.00	150	Vertical	N/A
3**	5316.600	98.06	-2.21	--	--	AV	161.00	150	Vertical	N/A
4	7667.863	48.64	-2.31	74.0	25.36	Peak	256.00	100	Vertical	Pass
4**	7667.863	39.28	-2.31	54.0	14.72	AV	256.00	100	Vertical	Pass
5	10939.325	52.63	-0.06	74.0	21.37	Peak	219.00	150	Vertical	Pass
5**	10939.325	42.07	-0.06	54.0	11.93	AV	219.00	150	Vertical	Pass
6	15957.224	55.22	0.07	74.0	18.78	Peak	360.00	100	Vertical	Pass
6**	15957.224	45.70	0.07	54.0	8.30	AV	360.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.800	38.77	-17.27	74.0	35.23	Peak	44.00	100	Horizontal	Pass
1**	1571.800	29.20	-17.27	54.0	24.80	AV	44.00	100	Horizontal	Pass
2	4377.000	52.03	-2.89	74.0	21.97	Peak	190.00	300	Horizontal	Pass
2**	4377.000	41.90	-2.89	54.0	12.10	AV	190.00	300	Horizontal	Pass
3	5263.000	95.56	-2.20	--	--	Peak	320.00	150	Horizontal	N/A
3**	5263.000	87.15	-2.20	--	--	AV	320.00	150	Horizontal	N/A
4	7340.687	49.41	-3.57	74.0	24.59	Peak	199.00	400	Horizontal	Pass
4**	7340.687	41.06	-3.57	54.0	12.94	AV	199.00	400	Horizontal	Pass
5	12214.388	51.54	1.16	74.0	22.46	Peak	345.00	150	Horizontal	Pass
5**	12214.388	41.64	1.16	54.0	12.36	AV	345.00	150	Horizontal	Pass
6	16104.225	53.40	1.01	74.0	20.60	Peak	360.00	300	Horizontal	Pass
6**	16104.225	43.86	1.01	54.0	10.14	AV	360.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.600	38.57	-17.12	74.0	35.43	Peak	81.00	300	Vertical	Pass
1**	1544.600	29.21	-17.12	54.0	24.79	AV	81.00	300	Vertical	Pass
2	4203.000	50.43	-4.34	74.0	23.57	Peak	175.00	200	Vertical	Pass
2**	4203.000	40.83	-4.34	54.0	13.17	AV	175.00	200	Vertical	Pass
3	5267.800	101.74	-2.33	--	--	Peak	152.00	200	Vertical	N/A
3**	5267.800	93.55	-2.33	--	--	AV	152.00	200	Vertical	N/A
4	7355.062	48.84	-4.00	74.0	25.16	Peak	105.00	300	Vertical	Pass
4**	7355.062	39.57	-4.00	54.0	14.43	AV	105.00	300	Vertical	Pass
5	11219.063	50.84	-0.20	74.0	23.16	Peak	235.00	200	Vertical	Pass
5**	11219.063	42.49	-0.20	54.0	11.51	AV	235.00	200	Vertical	Pass
6	15821.513	54.34	1.80	74.0	19.66	Peak	63.00	100	Vertical	Pass
6**	15821.513	44.40	1.80	54.0	9.60	AV	63.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.600	38.50	-17.07	74.0	35.50	Peak	75.00	400	Horizontal	Pass
1**	1525.600	29.01	-17.07	54.0	24.99	AV	75.00	400	Horizontal	Pass
2	4370.000	49.80	-2.80	74.0	24.20	Peak	326.00	300	Horizontal	Pass
2**	4370.000	41.26	-2.80	54.0	12.74	AV	326.00	300	Horizontal	Pass
3	5319.400	95.47	-2.11	--	--	Peak	289.00	200	Horizontal	N/A
3**	5319.400	88.26	-2.11	--	--	AV	289.00	200	Horizontal	N/A
4	7678.788	49.17	-2.54	74.0	24.83	Peak	49.00	400	Horizontal	Pass
4**	7678.788	39.59	-2.54	54.0	14.41	AV	49.00	400	Horizontal	Pass
5	10907.412	51.24	0.17	74.0	22.76	Peak	86.00	100	Horizontal	Pass
5**	10907.412	41.51	0.17	54.0	12.49	AV	86.00	100	Horizontal	Pass
6	16195.575	53.39	1.59	74.0	20.61	Peak	262.00	300	Horizontal	Pass
6**	16195.575	44.05	1.59	54.0	9.95	AV	262.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.900	38.96	-17.14	74.0	35.04	Peak	10.00	300	Vertical	Pass
1**	1493.900	29.92	-17.14	54.0	24.08	AV	10.00	300	Vertical	Pass
2	4363.000	50.66	-2.65	74.0	23.34	Peak	116.00	200	Vertical	Pass
2**	4363.000	40.71	-2.65	54.0	13.29	AV	116.00	200	Vertical	Pass
3	5314.000	102.00	-2.02	--	--	Peak	151.00	150	Vertical	N/A
3**	5314.000	93.78	-2.02	--	--	AV	151.00	150	Vertical	N/A
4	7372.888	49.53	-3.80	74.0	24.47	Peak	110.00	200	Vertical	Pass
4**	7372.888	40.27	-3.80	54.0	13.73	AV	110.00	200	Vertical	Pass
5	11606.325	51.32	-0.01	74.0	22.68	Peak	169.00	200	Vertical	Pass
5**	11606.325	41.55	-0.01	54.0	12.45	AV	169.00	200	Vertical	Pass
6	16199.250	54.90	1.58	74.0	19.10	Peak	129.00	400	Vertical	Pass
6**	16199.250	44.24	1.58	54.0	9.76	AV	129.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.200	38.79	-17.25	74.0	35.21	Peak	210.00	100	Horizontal	Pass
1**	1443.200	29.02	-17.25	54.0	24.98	AV	210.00	100	Horizontal	Pass
2	4293.600	50.10	-3.92	74.0	23.90	Peak	80.00	200	Horizontal	Pass
2**	4293.600	40.64	-3.92	54.0	13.36	AV	80.00	200	Horizontal	Pass
3	5256.200	101.09	-1.83	--	--	Peak	313.00	200	Horizontal	N/A
3**	5256.200	93.24	-1.83	--	--	AV	313.00	200	Horizontal	N/A
4	7343.563	48.91	-3.57	74.0	25.09	Peak	290.00	100	Horizontal	Pass
4**	7343.563	39.50	-3.57	54.0	14.50	AV	290.00	100	Horizontal	Pass
5	10921.213	50.78	0.22	74.0	23.22	Peak	174.00	100	Horizontal	Pass
5**	10921.213	42.25	0.22	54.0	11.75	AV	174.00	100	Horizontal	Pass
6	15824.663	53.24	1.66	74.0	20.76	Peak	119.00	200	Horizontal	Pass
6**	15824.663	45.73	1.66	54.0	8.27	AV	119.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.800	38.61	-17.03	74.0	35.39	Peak	308.00	300	Vertical	Pass
1**	1525.800	29.48	-17.03	54.0	24.52	AV	308.00	300	Vertical	Pass
2	4375.200	50.28	-3.02	74.0	23.72	Peak	293.00	100	Vertical	Pass
2**	4375.200	40.23	-3.02	54.0	13.77	AV	293.00	100	Vertical	Pass
3	5256.000	106.11	-1.84	--	--	Peak	150.00	100	Vertical	N/A
3**	5256.000	98.77	-1.84	--	--	AV	150.00	100	Vertical	N/A
4	7377.487	48.92	-3.72	74.0	25.08	Peak	60.00	100	Vertical	Pass
4**	7377.487	40.46	-3.72	54.0	13.54	AV	60.00	100	Vertical	Pass
5	11925.450	51.09	1.52	74.0	22.91	Peak	113.00	200	Vertical	Pass
5**	11925.450	41.77	1.52	54.0	12.23	AV	113.00	200	Vertical	Pass
6	15774.788	53.57	1.26	74.0	20.43	Peak	355.00	100	Vertical	Pass
6**	15774.788	43.25	1.26	54.0	10.75	AV	355.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.100	38.89	-17.25	74.0	35.11	Peak	223.00	100	Horizontal	Pass
1**	1539.100	30.16	-17.25	54.0	23.84	AV	223.00	100	Horizontal	Pass
2	4362.200	49.87	-2.63	74.0	24.13	Peak	360.00	300	Horizontal	Pass
2**	4362.200	41.15	-2.63	54.0	12.85	AV	360.00	300	Horizontal	Pass
3	5297.400	100.39	-2.33	--	--	Peak	311.00	200	Horizontal	N/A
3**	5297.400	92.59	-2.33	--	--	AV	311.00	200	Horizontal	N/A
4	7377.775	48.83	-3.71	74.0	25.17	Peak	206.00	400	Horizontal	Pass
4**	7377.775	40.11	-3.71	54.0	13.89	AV	206.00	400	Horizontal	Pass
5	11954.487	51.70	1.19	74.0	22.30	Peak	309.00	100	Horizontal	Pass
5**	11954.487	40.96	1.19	54.0	13.04	AV	309.00	100	Horizontal	Pass
6	15845.137	53.29	1.37	74.0	20.71	Peak	70.00	100	Horizontal	Pass
6**	15845.137	44.15	1.37	54.0	9.85	AV	70.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.300	38.87	-17.34	74.0	35.13	Peak	92.00	400	Vertical	Pass
1**	1543.300	28.97	-17.34	54.0	25.03	AV	92.00	400	Vertical	Pass
2	4364.200	50.53	-2.76	74.0	23.47	Peak	360.00	100	Vertical	Pass
2**	4364.200	41.21	-2.76	54.0	12.79	AV	360.00	100	Vertical	Pass
3	5297.000	106.09	-2.31	--	--	Peak	150.00	100	Vertical	N/A
3**	5297.000	98.80	-2.31	--	--	AV	150.00	100	Vertical	N/A
4	7328.325	49.55	-3.61	74.0	24.45	Peak	290.00	300	Vertical	Pass
4**	7328.325	39.73	-3.61	54.0	14.27	AV	290.00	300	Vertical	Pass
5	10924.951	50.95	0.16	74.0	23.05	Peak	251.00	200	Vertical	Pass
5**	10924.951	41.95	0.16	54.0	12.05	AV	251.00	200	Vertical	Pass
6	15895.276	54.17	0.21	74.0	19.83	Peak	360.00	400	Vertical	Pass
6**	15895.276	44.58	0.21	54.0	9.42	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.600	39.45	-17.41	74.0	34.55	Peak	64.00	200	Horizontal	Pass
1**	1561.600	29.12	-17.41	54.0	24.88	AV	64.00	200	Horizontal	Pass
2	4367.800	50.49	-2.91	74.0	23.51	Peak	148.00	200	Horizontal	Pass
2**	4367.800	40.46	-2.91	54.0	13.54	AV	148.00	200	Horizontal	Pass
3	5324.600	99.60	-2.24	--	--	Peak	280.00	100	Horizontal	N/A
3**	5324.600	92.59	-2.24	--	--	AV	280.00	100	Horizontal	N/A
4	7369.725	49.02	-4.08	74.0	24.98	Peak	123.00	200	Horizontal	Pass
4**	7369.725	39.59	-4.08	54.0	14.41	AV	123.00	200	Horizontal	Pass
5	10937.600	51.16	-0.04	74.0	22.84	Peak	85.00	150	Horizontal	Pass
5**	10937.600	41.84	-0.04	54.0	12.16	AV	85.00	150	Horizontal	Pass
6	15845.401	53.20	1.37	74.0	20.80	Peak	144.00	200	Horizontal	Pass
6**	15845.401	45.76	1.37	54.0	8.24	AV	144.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.500	38.57	-17.21	74.0	35.43	Peak	78.00	400	Vertical	Pass
1**	1466.500	29.21	-17.21	54.0	24.79	AV	78.00	400	Vertical	Pass
2	4377.800	49.78	-2.86	74.0	24.22	Peak	291.00	200	Vertical	Pass
2**	4377.800	41.05	-2.86	54.0	12.95	AV	291.00	200	Vertical	Pass
3	5318.800	106.02	-2.08	--	--	Peak	150.00	100	Vertical	N/A
3**	5318.800	98.54	-2.08	--	--	AV	150.00	100	Vertical	N/A
4	7345.862	49.29	-3.77	74.0	24.71	Peak	182.00	400	Vertical	Pass
4**	7345.862	40.16	-3.77	54.0	13.84	AV	182.00	400	Vertical	Pass
5	11222.513	51.53	-0.21	74.0	22.47	Peak	109.00	100	Vertical	Pass
5**	11222.513	42.33	-0.21	54.0	11.67	AV	109.00	100	Vertical	Pass
6	15966.151	56.23	0.27	74.0	17.77	Peak	300.00	100	Vertical	Pass
6**	15966.151	46.86	0.27	54.0	7.14	AV	300.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.000	38.31	-17.27	74.0	35.69	Peak	178.00	300	Horizontal	Pass
1**	1572.000	29.25	-17.27	54.0	24.75	AV	178.00	300	Horizontal	Pass
2	4355.200	50.08	-2.76	74.0	23.92	Peak	0.00	200	Horizontal	Pass
2**	4355.200	41.38	-2.76	54.0	12.62	AV	0.00	200	Horizontal	Pass
3	5281.600	97.16	-2.00	--	--	Peak	265.00	100	Horizontal	N/A
3**	5281.600	89.44	-2.00	--	--	AV	265.00	100	Horizontal	N/A
4	7355.062	49.48	-4.00	74.0	24.52	Peak	214.00	200	Horizontal	Pass
4**	7355.062	40.21	-4.00	54.0	13.79	AV	214.00	200	Horizontal	Pass
5	11052.888	51.42	-0.69	74.0	22.58	Peak	269.00	150	Horizontal	Pass
5**	11052.888	41.33	-0.69	54.0	12.67	AV	269.00	150	Horizontal	Pass
6	16098.187	53.27	1.25	74.0	20.73	Peak	104.00	300	Horizontal	Pass
6**	16098.187	44.44	1.25	54.0	9.56	AV	104.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.600	38.90	-17.32	74.0	35.10	Peak	10.00	200	Vertical	Pass
1**	1505.600	29.46	-17.32	54.0	24.54	AV	10.00	200	Vertical	Pass
2	4356.800	50.05	-2.42	74.0	23.95	Peak	178.00	200	Vertical	Pass
2**	4356.800	41.11	-2.42	54.0	12.89	AV	178.00	200	Vertical	Pass
3	5264.600	103.58	-2.32	--	--	Peak	154.00	200	Vertical	N/A
3**	5264.600	95.48	-2.32	--	--	AV	154.00	200	Vertical	N/A
4	7354.775	49.27	-3.98	74.0	24.73	Peak	118.00	400	Vertical	Pass
4**	7354.775	41.08	-3.98	54.0	12.92	AV	118.00	400	Vertical	Pass
5	11214.175	51.10	-0.19	74.0	22.90	Peak	45.00	100	Vertical	Pass
5**	11214.175	41.66	-0.19	54.0	12.34	AV	45.00	100	Vertical	Pass
6	15817.838	54.43	1.96	74.0	19.57	Peak	295.00	200	Vertical	Pass
6**	15817.838	45.13	1.96	54.0	8.87	AV	295.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.100	38.59	-17.13	74.0	35.41	Peak	97.00	200	Horizontal	Pass
1**	1622.100	30.19	-17.13	54.0	23.81	AV	97.00	200	Horizontal	Pass
2	4370.200	49.57	-2.83	74.0	24.43	Peak	281.00	400	Horizontal	Pass
2**	4370.200	41.36	-2.83	54.0	12.64	AV	281.00	400	Horizontal	Pass
3	5302.600	97.02	-2.62	--	--	Peak	310.00	100	Horizontal	N/A
3**	5302.600	89.43	-2.62	--	--	AV	310.00	100	Horizontal	N/A
4	7378.925	48.80	-3.66	74.0	25.20	Peak	21.00	300	Horizontal	Pass
4**	7378.925	40.85	-3.66	54.0	13.15	AV	21.00	300	Horizontal	Pass
5	10940.763	50.98	-0.07	74.0	23.02	Peak	283.00	200	Horizontal	Pass
5**	10940.763	42.71	-0.07	54.0	11.29	AV	283.00	200	Horizontal	Pass
6	15826.763	53.48	1.59	74.0	20.52	Peak	153.00	400	Horizontal	Pass
6**	15826.763	44.04	1.59	54.0	9.96	AV	153.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.900	38.73	-16.98	74.0	35.27	Peak	344.00	200	Vertical	Pass
1**	1551.900	29.91	-16.98	54.0	24.09	AV	344.00	200	Vertical	Pass
2	4363.800	49.77	-2.72	74.0	24.23	Peak	186.00	300	Vertical	Pass
2**	4363.800	41.62	-2.72	54.0	12.38	AV	186.00	300	Vertical	Pass
3	5311.800	102.55	-2.22	--	--	Peak	140.00	100	Vertical	N/A
3**	5311.800	94.54	-2.22	--	--	AV	140.00	100	Vertical	N/A
4	7674.475	49.24	-2.44	74.0	24.76	Peak	268.00	100	Vertical	Pass
4**	7674.475	40.13	-2.44	54.0	13.87	AV	268.00	100	Vertical	Pass
5	10913.162	51.48	0.19	74.0	22.52	Peak	101.00	100	Vertical	Pass
5**	10913.162	42.96	0.19	54.0	11.04	AV	101.00	100	Vertical	Pass
6	16100.813	53.73	1.16	74.0	20.27	Peak	360.00	400	Vertical	Pass
6**	16100.813	44.65	1.16	54.0	9.35	AV	360.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.900	38.60	-16.97	74.0	35.40	Peak	60.00	400	Horizontal	Pass
1**	1455.900	29.24	-16.97	54.0	24.76	AV	60.00	400	Horizontal	Pass
2	4358.400	50.14	-2.67	74.0	23.86	Peak	0.00	400	Horizontal	Pass
2**	4358.400	40.91	-2.67	54.0	13.09	AV	0.00	400	Horizontal	Pass
3	5287.400	94.11	-1.98	--	--	Peak	264.00	150	Horizontal	N/A
3**	5287.400	86.40	-1.98	--	--	AV	264.00	150	Horizontal	N/A
4	7376.912	48.96	-3.73	74.0	25.04	Peak	160.00	200	Horizontal	Pass
4**	7376.912	39.97	-3.73	54.0	14.03	AV	160.00	200	Horizontal	Pass
5	11200.663	51.52	-0.28	74.0	22.48	Peak	344.00	200	Horizontal	Pass
5**	11200.663	42.06	-0.28	54.0	11.94	AV	344.00	200	Horizontal	Pass
6	15844.350	53.59	1.38	74.0	20.41	Peak	130.00	300	Horizontal	Pass
6**	15844.350	44.98	1.38	54.0	9.02	AV	130.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.000	39.00	-17.24	74.0	35.00	Peak	235.00	100	Vertical	Pass
1**	1502.000	29.62	-17.24	54.0	24.38	AV	235.00	100	Vertical	Pass
2	4359.800	49.91	-2.66	74.0	24.09	Peak	119.00	100	Vertical	Pass
2**	4359.800	41.10	-2.66	54.0	12.90	AV	119.00	100	Vertical	Pass
3	5286.600	99.67	-2.02	--	--	Peak	156.00	150	Vertical	N/A
3**	5286.600	92.08	-2.02	--	--	AV	156.00	150	Vertical	N/A
4	7365.987	49.10	-4.02	74.0	24.90	Peak	41.00	400	Vertical	Pass
4**	7365.987	39.45	-4.02	54.0	14.55	AV	41.00	400	Vertical	Pass
5	12219.563	51.36	1.22	74.0	22.64	Peak	195.00	100	Vertical	Pass
5**	12219.563	41.98	1.22	54.0	12.02	AV	195.00	100	Vertical	Pass
6	16094.513	53.07	1.33	74.0	20.93	Peak	285.00	400	Vertical	Pass
6**	16094.513	44.67	1.33	54.0	9.33	AV	285.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1435.600	39.05	-17.13	74.0	34.95	Peak	114.00	200	Horizontal	Pass
1**	1435.600	29.56	-17.13	54.0	24.44	AV	114.00	200	Horizontal	Pass
2	4367.400	50.01	-2.97	74.0	23.99	Peak	94.00	300	Horizontal	Pass
2**	4367.400	41.08	-2.97	54.0	12.92	AV	94.00	300	Horizontal	Pass
3	5496.400	101.36	-1.50	--	--	Peak	273.00	200	Horizontal	N/A
3**	5496.400	94.07	-1.50	--	--	AV	273.00	200	Horizontal	N/A
4	7354.775	48.89	-3.98	74.0	25.11	Peak	0.00	100	Horizontal	Pass
4**	7354.775	39.88	-3.98	54.0	14.12	AV	0.00	100	Horizontal	Pass
5	10930.125	50.68	0.09	74.0	23.32	Peak	237.00	100	Horizontal	Pass
5**	10930.125	41.59	0.09	54.0	12.41	AV	237.00	100	Horizontal	Pass
6	15840.151	53.30	1.44	74.0	20.70	Peak	254.00	200	Horizontal	Pass
6**	15840.151	43.85	1.44	54.0	10.15	AV	254.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.500	38.42	-17.46	74.0	35.58	Peak	291.00	200	Vertical	Pass
1**	1514.500	29.89	-17.46	54.0	24.11	AV	291.00	200	Vertical	Pass
2	4367.600	50.02	-2.94	74.0	23.98	Peak	358.00	300	Vertical	Pass
2**	4367.600	40.81	-2.94	54.0	13.19	AV	358.00	300	Vertical	Pass
3	5497.400	106.91	-1.33	--	--	Peak	184.00	100	Vertical	N/A
3**	5497.400	100.28	-1.33	--	--	AV	184.00	100	Vertical	N/A
4	7371.163	49.64	-3.92	74.0	24.36	Peak	0.00	400	Vertical	Pass
4**	7371.163	40.12	-3.92	54.0	13.88	AV	0.00	400	Vertical	Pass
5	10952.263	51.60	-0.30	74.0	22.40	Peak	294.00	200	Vertical	Pass
5**	10952.263	41.25	-0.30	54.0	12.75	AV	294.00	200	Vertical	Pass
6	16090.575	53.52	1.42	74.0	20.48	Peak	346.00	200	Vertical	Pass
6**	16090.575	44.83	1.42	54.0	9.17	AV	346.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.500	38.69	-17.24	74.0	35.31	Peak	87.00	300	Horizontal	Pass
1**	1506.500	29.13	-17.24	54.0	24.87	AV	87.00	300	Horizontal	Pass
2	4364.200	50.01	-2.76	74.0	23.99	Peak	329.00	200	Horizontal	Pass
2**	4364.200	40.72	-2.76	54.0	13.28	AV	329.00	200	Horizontal	Pass
3	5582.600	100.85	-1.16	--	--	Peak	264.00	200	Horizontal	N/A
3**	5582.600	93.43	-1.16	--	--	AV	264.00	200	Horizontal	N/A
4	7364.550	48.79	-4.02	74.0	25.21	Peak	78.00	100	Horizontal	Pass
4**	7364.550	40.31	-4.02	54.0	13.69	AV	78.00	100	Horizontal	Pass
5	11219.925	50.56	-0.21	74.0	23.44	Peak	289.00	150	Horizontal	Pass
5**	11219.925	41.73	-0.21	54.0	12.27	AV	289.00	150	Horizontal	Pass
6	15813.375	53.20	2.09	74.0	20.80	Peak	143.00	100	Horizontal	Pass
6**	15813.375	43.71	2.09	54.0	10.29	AV	143.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.700	38.84	-17.13	74.0	35.16	Peak	156.00	100	Vertical	Pass
1**	1550.700	29.88	-17.13	54.0	24.12	AV	156.00	100	Vertical	Pass
2	4366.400	50.44	-2.97	74.0	23.56	Peak	197.00	400	Vertical	Pass
2**	4366.400	40.80	-2.97	54.0	13.20	AV	197.00	400	Vertical	Pass
3	5583.000	107.76	-1.13	--	--	Peak	318.00	150	Vertical	N/A
3**	5583.000	100.24	-1.13	--	--	AV	318.00	150	Vertical	N/A
4	7336.663	48.81	-3.46	74.0	25.19	Peak	62.00	200	Vertical	Pass
4**	7336.663	39.44	-3.46	54.0	14.56	AV	62.00	200	Vertical	Pass
5	10934.438	51.19	-0.00	74.0	22.81	Peak	46.00	150	Vertical	Pass
5**	10934.438	42.38	-0.00	54.0	11.62	AV	46.00	150	Vertical	Pass
6	15837.000	53.35	1.45	74.0	20.65	Peak	330.00	300	Vertical	Pass
6**	15837.000	44.35	1.45	54.0	9.65	AV	330.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.700	38.50	-17.40	74.0	35.50	Peak	180.00	300	Horizontal	Pass
1**	1527.700	29.12	-17.40	54.0	24.88	AV	180.00	300	Horizontal	Pass
2	4359.000	49.92	-2.68	74.0	24.08	Peak	153.00	200	Horizontal	Pass
2**	4359.000	40.81	-2.68	54.0	13.19	AV	153.00	200	Horizontal	Pass
3	5697.800	98.00	-0.82	--	--	Peak	68.00	100	Horizontal	N/A
3**	5697.800	90.16	-0.82	--	--	AV	68.00	100	Horizontal	N/A
4	7335.800	49.02	-3.37	74.0	24.98	Peak	197.00	100	Horizontal	Pass
4**	7335.800	40.10	-3.37	54.0	13.90	AV	197.00	100	Horizontal	Pass
5	11220.787	51.34	-0.21	74.0	22.66	Peak	197.00	150	Horizontal	Pass
5**	11220.787	42.30	-0.21	54.0	11.70	AV	197.00	150	Horizontal	Pass
6	15827.550	53.19	1.57	74.0	20.81	Peak	89.00	100	Horizontal	Pass
6**	15827.550	44.67	1.57	54.0	9.33	AV	89.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.100	38.58	-17.18	74.0	35.42	Peak	37.00	300	Vertical	Pass
1**	1493.100	29.42	-17.18	54.0	24.58	AV	37.00	300	Vertical	Pass
2	4370.000	49.54	-2.80	74.0	24.46	Peak	176.00	100	Vertical	Pass
2**	4370.000	40.62	-2.80	54.0	13.38	AV	176.00	100	Vertical	Pass
3	5701.200	106.25	-0.86	--	--	Peak	327.00	100	Vertical	N/A
3**	5701.200	98.71	-0.86	--	--	AV	327.00	100	Vertical	N/A
4	7368.575	49.21	-4.06	74.0	24.79	Peak	204.00	300	Vertical	Pass
4**	7368.575	40.90	-4.06	54.0	13.10	AV	204.00	300	Vertical	Pass
5	10911.725	50.87	0.18	74.0	23.13	Peak	360.00	100	Vertical	Pass
5**	10911.725	42.43	0.18	54.0	11.57	AV	360.00	100	Vertical	Pass
6	15839.362	54.00	1.45	74.0	20.00	Peak	291.00	200	Vertical	Pass
6**	15839.362	44.50	1.45	54.0	9.50	AV	291.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.700	38.61	-17.31	74.0	35.39	Peak	303.00	400	Horizontal	Pass
1**	1505.700	29.74	-17.31	54.0	24.26	AV	303.00	400	Horizontal	Pass
2	4369.200	50.43	-2.70	74.0	23.57	Peak	251.00	300	Horizontal	Pass
2**	4369.200	41.40	-2.70	54.0	12.60	AV	251.00	300	Horizontal	Pass
3	5498.600	101.27	-1.35	--	--	Peak	262.00	200	Horizontal	N/A
3**	5498.600	93.27	-1.35	--	--	AV	262.00	200	Horizontal	N/A
4	7334.650	49.93	-3.42	74.0	24.07	Peak	5.00	400	Horizontal	Pass
4**	7334.650	40.07	-3.42	54.0	13.93	AV	5.00	400	Horizontal	Pass
5	10942.775	51.19	-0.10	74.0	22.81	Peak	314.00	150	Horizontal	Pass
5**	10942.775	42.08	-0.10	54.0	11.92	AV	314.00	150	Horizontal	Pass
6	16104.487	53.16	1.00	74.0	20.84	Peak	232.00	400	Horizontal	Pass
6**	16104.487	43.74	1.00	54.0	10.26	AV	232.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.100	38.72	-17.24	74.0	35.28	Peak	289.00	300	Vertical	Pass
1**	1479.100	29.05	-17.24	54.0	24.95	AV	289.00	300	Vertical	Pass
2	4369.800	50.25	-2.78	74.0	23.75	Peak	303.00	100	Vertical	Pass
2**	4369.800	41.00	-2.78	54.0	13.00	AV	303.00	100	Vertical	Pass
3	5504.000	107.48	-1.58	--	--	Peak	193.00	200	Vertical	N/A
3**	5504.000	99.72	-1.58	--	--	AV	193.00	200	Vertical	N/A
4	7384.675	49.07	-3.87	74.0	24.93	Peak	39.00	400	Vertical	Pass
4**	7384.675	40.38	-3.87	54.0	13.62	AV	39.00	400	Vertical	Pass
5	10933.287	51.77	0.02	74.0	22.23	Peak	125.00	150	Vertical	Pass
5**	10933.287	42.19	0.02	54.0	11.81	AV	125.00	150	Vertical	Pass
6	15848.287	53.69	1.34	74.0	20.31	Peak	360.00	100	Vertical	Pass
6**	15848.287	44.46	1.34	54.0	9.54	AV	360.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.600	38.92	-17.24	74.0	35.08	Peak	263.00	100	Horizontal	Pass
1**	1623.600	28.98	-17.24	54.0	25.02	AV	263.00	100	Horizontal	Pass
2	4381.800	50.07	-3.00	74.0	23.93	Peak	128.00	400	Horizontal	Pass
2**	4381.800	40.77	-3.00	54.0	13.23	AV	128.00	400	Horizontal	Pass
3	5576.600	100.33	-0.70	--	--	Peak	281.00	150	Horizontal	N/A
3**	5576.600	93.29	-0.70	--	--	AV	281.00	150	Horizontal	N/A
4	7336.950	48.98	-3.48	74.0	25.02	Peak	11.00	100	Horizontal	Pass
4**	7336.950	39.92	-3.48	54.0	14.08	AV	11.00	100	Horizontal	Pass
5	11195.487	51.04	-0.36	74.0	22.96	Peak	314.00	100	Horizontal	Pass
5**	11195.487	42.10	-0.36	54.0	11.90	AV	314.00	100	Horizontal	Pass
6	16106.325	53.34	0.92	74.0	20.66	Peak	153.00	200	Horizontal	Pass
6**	16106.325	44.21	0.92	54.0	9.79	AV	153.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.900	38.61	-17.48	74.0	35.39	Peak	244.00	200	Vertical	Pass
1**	1574.900	29.96	-17.48	54.0	24.04	AV	244.00	200	Vertical	Pass
2	4369.200	50.40	-2.70	74.0	23.60	Peak	111.00	100	Vertical	Pass
2**	4369.200	41.19	-2.70	54.0	12.81	AV	111.00	100	Vertical	Pass
3	5578.200	108.00	-0.75	--	--	Peak	194.00	200	Vertical	N/A
3**	5578.200	100.38	-0.75	--	--	AV	194.00	200	Vertical	N/A
4	7361.388	48.65	-4.01	74.0	25.35	Peak	196.00	300	Vertical	Pass
4**	7361.388	40.13	-4.01	54.0	13.87	AV	196.00	300	Vertical	Pass
5	10913.450	51.98	0.19	74.0	22.02	Peak	86.00	150	Vertical	Pass
5**	10913.450	42.05	0.19	54.0	11.95	AV	86.00	150	Vertical	Pass
6	15850.912	54.34	1.31	74.0	19.66	Peak	295.00	100	Vertical	Pass
6**	15850.912	44.12	1.31	54.0	9.88	AV	295.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.300	39.00	-17.46	74.0	35.00	Peak	29.00	200	Horizontal	Pass
1**	1515.300	29.38	-17.46	54.0	24.62	AV	29.00	200	Horizontal	Pass
2	4284.000	50.49	-3.04	74.0	23.51	Peak	93.00	100	Horizontal	Pass
2**	4284.000	40.69	-3.04	54.0	13.31	AV	93.00	100	Horizontal	Pass
3	5697.000	98.09	-0.83	--	--	Peak	360.00	150	Horizontal	N/A
3**	5697.000	90.47	-0.83	--	--	AV	360.00	150	Horizontal	N/A
4	7736.575	49.15	-3.34	74.0	24.85	Peak	168.00	400	Horizontal	Pass
4**	7736.575	38.88	-3.34	54.0	15.12	AV	168.00	400	Horizontal	Pass
5	11213.887	51.41	-0.19	74.0	22.59	Peak	107.00	100	Horizontal	Pass
5**	11213.887	42.19	-0.19	54.0	11.81	AV	107.00	100	Horizontal	Pass
6	16096.874	53.57	1.28	74.0	20.43	Peak	262.00	200	Horizontal	Pass
6**	16096.874	44.84	1.28	54.0	9.16	AV	262.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.100	38.95	-17.42	74.0	35.05	Peak	71.00	300	Vertical	Pass
1**	1509.100	29.42	-17.42	54.0	24.58	AV	71.00	300	Vertical	Pass
2	4383.000	50.03	-2.93	74.0	23.97	Peak	226.00	300	Vertical	Pass
2**	4383.000	40.54	-2.93	54.0	13.46	AV	226.00	300	Vertical	Pass
3	5698.600	106.39	-0.85	--	--	Peak	195.00	100	Vertical	N/A
3**	5698.600	98.73	-0.85	--	--	AV	195.00	100	Vertical	N/A
4	7342.700	48.73	-3.63	74.0	25.27	Peak	42.00	200	Vertical	Pass
4**	7342.700	41.22	-3.63	54.0	12.78	AV	42.00	200	Vertical	Pass
5	11208.138	51.39	-0.24	74.0	22.61	Peak	249.00	200	Vertical	Pass
5**	11208.138	41.62	-0.24	54.0	12.38	AV	249.00	200	Vertical	Pass
6	15853.013	53.68	1.25	74.0	20.32	Peak	181.00	200	Vertical	Pass
6**	15853.013	44.46	1.25	54.0	9.54	AV	181.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.300	39.33	-17.38	74.0	34.67	Peak	186.00	100	Horizontal	Pass
1**	1480.300	29.10	-17.38	54.0	24.90	AV	186.00	100	Horizontal	Pass
2	4347.400	50.47	-2.97	74.0	23.53	Peak	91.00	200	Horizontal	Pass
2**	4347.400	40.57	-2.97	54.0	13.43	AV	91.00	200	Horizontal	Pass
3	5508.400	95.19	-1.84	--	--	Peak	280.00	100	Horizontal	N/A
3**	5508.400	86.83	-1.84	--	--	AV	280.00	100	Horizontal	N/A
4	7346.438	50.01	-3.82	74.0	23.99	Peak	286.00	200	Horizontal	Pass
4**	7346.438	40.10	-3.82	54.0	13.90	AV	286.00	200	Horizontal	Pass
5	11592.526	50.68	-0.19	74.0	23.32	Peak	286.00	150	Horizontal	Pass
5**	11592.526	41.79	-0.19	54.0	12.21	AV	286.00	150	Horizontal	Pass
6	16095.037	53.84	1.32	74.0	20.16	Peak	187.00	100	Horizontal	Pass
6**	16095.037	44.37	1.32	54.0	9.63	AV	187.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.000	39.09	-17.22	74.0	34.91	Peak	203.00	100	Vertical	Pass
1**	1453.000	29.62	-17.22	54.0	24.38	AV	203.00	100	Vertical	Pass
2	4385.000	50.19	-2.95	74.0	23.81	Peak	287.00	400	Vertical	Pass
2**	4385.000	40.71	-2.95	54.0	13.29	AV	287.00	400	Vertical	Pass
3	5519.400	100.51	-1.81	--	--	Peak	206.00	150	Vertical	N/A
3**	5519.400	92.81	-1.81	--	--	AV	206.00	150	Vertical	N/A
4	7353.050	49.71	-3.87	74.0	24.29	Peak	107.00	200	Vertical	Pass
4**	7353.050	41.07	-3.87	54.0	12.93	AV	107.00	200	Vertical	Pass
5	10934.438	50.95	-0.00	74.0	23.05	Peak	308.00	200	Vertical	Pass
5**	10934.438	42.41	-0.00	54.0	11.59	AV	308.00	200	Vertical	Pass
6	15840.675	53.91	1.44	74.0	20.09	Peak	205.00	100	Vertical	Pass
6**	15840.675	44.42	1.44	54.0	9.58	AV	205.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.200	39.58	-17.05	74.0	34.42	Peak	187.00	200	Horizontal	Pass
1**	1455.200	29.24	-17.05	54.0	24.76	AV	187.00	200	Horizontal	Pass
2	4386.800	50.42	-3.01	74.0	23.58	Peak	30.00	100	Horizontal	Pass
2**	4386.800	40.68	-3.01	54.0	13.32	AV	30.00	100	Horizontal	Pass
3	5587.800	94.96	-0.89	--	--	Peak	259.00	150	Horizontal	N/A
3**	5587.800	86.26	-0.89	--	--	AV	259.00	150	Horizontal	N/A
4	7351.900	48.89	-3.85	74.0	25.11	Peak	326.00	200	Horizontal	Pass
4**	7351.900	41.01	-3.85	54.0	12.99	AV	326.00	200	Horizontal	Pass
5	10940.763	52.12	-0.07	74.0	21.88	Peak	93.00	100	Horizontal	Pass
5**	10940.763	42.02	-0.07	54.0	11.98	AV	93.00	100	Horizontal	Pass
6	15849.338	53.80	1.34	74.0	20.20	Peak	60.00	100	Horizontal	Pass
6**	15849.338	43.81	1.34	54.0	10.19	AV	60.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.200	39.06	-17.34	74.0	34.94	Peak	117.00	200	Vertical	Pass
1**	1602.200	29.83	-17.34	54.0	24.17	AV	117.00	200	Vertical	Pass
2	4370.800	50.58	-2.91	74.0	23.42	Peak	206.00	100	Vertical	Pass
2**	4370.800	40.92	-2.91	54.0	13.08	AV	206.00	100	Vertical	Pass
3	5578.000	101.63	-0.74	--	--	Peak	194.00	150	Vertical	N/A
3**	5578.000	93.12	-0.74	--	--	AV	194.00	150	Vertical	N/A
4	7338.962	50.05	-3.52	74.0	23.95	Peak	0.00	300	Vertical	Pass
4**	7338.962	40.63	-3.52	54.0	13.37	AV	0.00	300	Vertical	Pass
5	10933.862	52.05	0.01	74.0	21.95	Peak	293.00	200	Vertical	Pass
5**	10933.862	42.11	0.01	54.0	11.89	AV	293.00	200	Vertical	Pass
6	16199.250	53.45	1.58	74.0	20.55	Peak	100.00	300	Vertical	Pass
6**	16199.250	44.41	1.58	54.0	9.59	AV	100.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.600	38.76	-17.04	74.0	35.24	Peak	5.00	300	Horizontal	Pass
1**	1547.600	29.17	-17.04	54.0	24.83	AV	5.00	300	Horizontal	Pass
2	4356.200	50.02	-2.42	74.0	23.98	Peak	54.00	200	Horizontal	Pass
2**	4356.200	40.91	-2.42	54.0	13.09	AV	54.00	200	Horizontal	Pass
3	5671.800	92.36	-0.98	--	--	Peak	261.00	200	Horizontal	N/A
3**	5671.800	84.66	-0.98	--	--	AV	261.00	200	Horizontal	N/A
4	7372.313	49.20	-3.83	74.0	24.80	Peak	203.00	400	Horizontal	Pass
4**	7372.313	39.93	-3.83	54.0	14.07	AV	203.00	400	Horizontal	Pass
5	12217.263	51.05	1.20	74.0	22.95	Peak	113.00	100	Horizontal	Pass
5**	12217.263	41.82	1.20	54.0	12.18	AV	113.00	100	Horizontal	Pass
6	15819.412	53.05	1.90	74.0	20.95	Peak	224.00	400	Horizontal	Pass
6**	15819.412	44.30	1.90	54.0	9.70	AV	224.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.200	39.30	-17.13	74.0	34.70	Peak	8.00	300	Vertical	Pass
1**	1555.200	29.46	-17.13	54.0	24.54	AV	8.00	300	Vertical	Pass
2	4355.000	49.77	-2.82	74.0	24.23	Peak	169.00	200	Vertical	Pass
2**	4355.000	40.89	-2.82	54.0	13.11	AV	169.00	200	Vertical	Pass
3	5667.200	102.19	-1.05	--	--	Peak	193.00	200	Vertical	N/A
3**	5667.200	94.36	-1.05	--	--	AV	193.00	200	Vertical	N/A
4	7340.975	48.94	-3.60	74.0	25.06	Peak	326.00	400	Vertical	Pass
4**	7340.975	40.18	-3.60	54.0	13.82	AV	326.00	400	Vertical	Pass
5	11511.737	50.97	-0.26	74.0	23.03	Peak	203.00	200	Vertical	Pass
5**	11511.737	42.75	-0.26	54.0	11.25	AV	203.00	200	Vertical	Pass
6	16100.025	52.99	1.20	74.0	21.01	Peak	70.00	200	Vertical	Pass
6**	16100.025	44.41	1.20	54.0	9.59	AV	70.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.600	38.57	-17.04	74.0	35.43	Peak	19.00	400	Horizontal	Pass
1**	1547.600	29.09	-17.04	54.0	24.91	AV	19.00	400	Horizontal	Pass
2	4361.800	50.34	-2.63	74.0	23.66	Peak	79.00	100	Horizontal	Pass
2**	4361.800	41.39	-2.63	54.0	12.61	AV	79.00	100	Horizontal	Pass
3	5497.000	100.54	-1.40	--	--	Peak	274.00	150	Horizontal	N/A
3**	5497.000	93.58	-1.40	--	--	AV	274.00	150	Horizontal	N/A
4	7344.425	49.26	-3.59	74.0	24.74	Peak	148.00	400	Horizontal	Pass
4**	7344.425	40.08	-3.59	54.0	13.92	AV	148.00	400	Horizontal	Pass
5	11201.812	50.85	-0.27	74.0	23.15	Peak	148.00	150	Horizontal	Pass
5**	11201.812	41.56	-0.27	54.0	12.44	AV	148.00	150	Horizontal	Pass
6	15831.750	53.59	1.48	74.0	20.41	Peak	95.00	300	Horizontal	Pass
6**	15831.750	44.04	1.48	54.0	9.96	AV	95.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.000	38.30	-17.44	74.0	35.70	Peak	325.00	300	Vertical	Pass
1**	1482.000	28.85	-17.44	54.0	25.15	AV	325.00	300	Vertical	Pass
2	4384.600	50.50	-2.92	74.0	23.50	Peak	62.00	300	Vertical	Pass
2**	4384.600	41.78	-2.92	54.0	12.22	AV	62.00	300	Vertical	Pass
3	5502.200	107.21	-1.42	--	--	Peak	199.00	100	Vertical	N/A
3**	5502.200	99.04	-1.42	--	--	AV	199.00	100	Vertical	N/A
4	7357.362	48.96	-4.13	74.0	25.04	Peak	237.00	300	Vertical	Pass
4**	7357.362	39.57	-4.13	54.0	14.43	AV	237.00	300	Vertical	Pass
5	10941.912	50.90	-0.09	74.0	23.10	Peak	293.00	150	Vertical	Pass
5**	10941.912	41.97	-0.09	54.0	12.03	AV	293.00	150	Vertical	Pass
6	15840.938	53.18	1.43	74.0	20.82	Peak	0.00	400	Vertical	Pass
6**	15840.938	44.70	1.43	54.0	9.30	AV	0.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.400	39.80	-17.20	74.0	34.20	Peak	315.00	400	Horizontal	Pass
1**	1585.400	29.34	-17.20	54.0	24.66	AV	315.00	400	Horizontal	Pass
2	4369.200	49.97	-2.70	74.0	24.03	Peak	42.00	100	Horizontal	Pass
2**	4369.200	41.14	-2.70	54.0	12.86	AV	42.00	100	Horizontal	Pass
3	5578.600	99.74	-0.80	--	--	Peak	19.00	150	Horizontal	N/A
3**	5578.600	93.00	-0.80	--	--	AV	19.00	150	Horizontal	N/A
4	7372.888	49.67	-3.80	74.0	24.33	Peak	176.00	400	Horizontal	Pass
4**	7372.888	39.85	-3.80	54.0	14.15	AV	176.00	400	Horizontal	Pass
5	10937.600	51.42	-0.04	74.0	22.58	Peak	3.00	100	Horizontal	Pass
5**	10937.600	42.12	-0.04	54.0	11.88	AV	3.00	100	Horizontal	Pass
6	15834.637	53.70	1.45	74.0	20.30	Peak	254.00	100	Horizontal	Pass
6**	15834.637	44.02	1.45	54.0	9.98	AV	254.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.800	38.83	-17.38	74.0	35.17	Peak	196.00	400	Vertical	Pass
1**	1599.800	29.11	-17.38	54.0	24.89	AV	196.00	400	Vertical	Pass
2	4365.200	50.01	-2.85	74.0	23.99	Peak	155.00	300	Vertical	Pass
2**	4365.200	40.81	-2.85	54.0	13.19	AV	155.00	300	Vertical	Pass
3	5583.400	107.67	-1.11	--	--	Peak	319.00	200	Vertical	N/A
3**	5583.400	99.80	-1.11	--	--	AV	319.00	200	Vertical	N/A
4	7377.775	49.01	-3.71	74.0	24.99	Peak	227.00	300	Vertical	Pass
4**	7377.775	39.97	-3.71	54.0	14.03	AV	227.00	300	Vertical	Pass
5	10914.312	50.74	0.19	74.0	23.26	Peak	210.00	200	Vertical	Pass
5**	10914.312	41.67	0.19	54.0	12.33	AV	210.00	200	Vertical	Pass
6	15834.112	53.91	1.46	74.0	20.09	Peak	97.00	100	Vertical	Pass
6**	15834.112	44.64	1.46	54.0	9.36	AV	97.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.600	39.08	-17.47	74.0	34.92	Peak	7.00	400	Horizontal	Pass
1**	1510.600	28.80	-17.47	54.0	25.20	AV	7.00	400	Horizontal	Pass
2	4368.800	50.17	-2.75	74.0	23.83	Peak	267.00	300	Horizontal	Pass
2**	4368.800	41.63	-2.75	54.0	12.37	AV	267.00	300	Horizontal	Pass
3	5697.000	97.39	-0.83	--	--	Peak	44.00	150	Horizontal	N/A
3**	5697.000	90.16	-0.83	--	--	AV	44.00	150	Horizontal	N/A
4	7334.362	48.98	-3.44	74.0	25.02	Peak	309.00	400	Horizontal	Pass
4**	7334.362	40.67	-3.44	54.0	13.33	AV	309.00	400	Horizontal	Pass
5	12212.375	50.75	1.10	74.0	23.25	Peak	220.00	100	Horizontal	Pass
5**	12212.375	42.11	1.10	54.0	11.89	AV	220.00	100	Horizontal	Pass
6	15845.662	53.70	1.36	74.0	20.30	Peak	19.00	100	Horizontal	Pass
6**	15845.662	44.76	1.36	54.0	9.24	AV	19.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.200	38.59	-17.25	74.0	35.41	Peak	212.00	100	Vertical	Pass
1**	1502.200	29.15	-17.25	54.0	24.85	AV	212.00	100	Vertical	Pass
2	4370.000	50.01	-2.80	74.0	23.99	Peak	305.00	200	Vertical	Pass
2**	4370.000	41.08	-2.80	54.0	12.92	AV	305.00	200	Vertical	Pass
3	5697.600	106.70	-0.82	--	--	Peak	193.00	150	Vertical	N/A
3**	5697.600	98.92	-0.82	--	--	AV	193.00	150	Vertical	N/A
4	7335.513	48.66	-3.35	74.0	25.34	Peak	112.00	400	Vertical	Pass
4**	7335.513	39.85	-3.35	54.0	14.15	AV	112.00	400	Vertical	Pass
5	11929.763	51.15	1.56	74.0	22.85	Peak	2.00	200	Vertical	Pass
5**	11929.763	42.07	1.56	54.0	11.93	AV	2.00	200	Vertical	Pass
6	15832.800	53.55	1.47	74.0	20.45	Peak	305.00	300	Vertical	Pass
6**	15832.800	44.93	1.47	54.0	9.07	AV	305.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	38.58	-17.42	74.0	35.42	Peak	344.00	200	Horizontal	Pass
1**	1484.500	29.15	-17.42	54.0	24.85	AV	344.00	200	Horizontal	Pass
2	4240.000	49.71	-4.56	74.0	24.29	Peak	56.00	200	Horizontal	Pass
2**	4240.000	39.38	-4.56	54.0	14.62	AV	56.00	200	Horizontal	Pass
3	5502.000	97.22	-1.40	--	--	Peak	287.00	150	Horizontal	N/A
3**	5502.000	89.39	-1.40	--	--	AV	287.00	150	Horizontal	N/A
4	7374.612	49.30	-3.75	74.0	24.70	Peak	291.00	100	Horizontal	Pass
4**	7374.612	41.31	-3.75	54.0	12.69	AV	291.00	100	Horizontal	Pass
5	11218.487	51.39	-0.20	74.0	22.61	Peak	254.00	200	Horizontal	Pass
5**	11218.487	42.30	-0.20	54.0	11.70	AV	254.00	200	Horizontal	Pass
6	15840.675	53.52	1.44	74.0	20.48	Peak	360.00	200	Horizontal	Pass
6**	15840.675	45.04	1.44	54.0	8.96	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.900	38.47	-17.37	74.0	35.53	Peak	142.00	100	Vertical	Pass
1**	1612.900	29.81	-17.37	54.0	24.19	AV	142.00	100	Vertical	Pass
2	4272.600	50.05	-3.58	74.0	23.95	Peak	284.00	300	Vertical	Pass
2**	4272.600	39.99	-3.58	54.0	14.01	AV	284.00	300	Vertical	Pass
3	5502.000	102.41	-1.40	--	--	Peak	205.00	150	Vertical	N/A
3**	5502.000	95.17	-1.40	--	--	AV	205.00	150	Vertical	N/A
4	7334.650	48.82	-3.42	74.0	25.18	Peak	346.00	100	Vertical	Pass
4**	7334.650	39.78	-3.42	54.0	14.22	AV	346.00	100	Vertical	Pass
5	12228.763	51.33	1.30	74.0	22.67	Peak	74.00	100	Vertical	Pass
5**	12228.763	41.82	1.30	54.0	12.18	AV	74.00	100	Vertical	Pass
6	15852.488	52.86	1.26	74.0	21.14	Peak	284.00	100	Vertical	Pass
6**	15852.488	44.48	1.26	54.0	9.52	AV	284.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.900	38.87	-17.34	74.0	35.13	Peak	196.00	300	Horizontal	Pass
1**	1601.900	29.61	-17.34	54.0	24.39	AV	196.00	300	Horizontal	Pass
2	4385.400	49.98	-2.98	74.0	24.02	Peak	143.00	100	Horizontal	Pass
2**	4385.400	40.91	-2.98	54.0	13.09	AV	143.00	100	Horizontal	Pass
3	5601.200	96.90	-1.71	--	--	Peak	254.00	150	Horizontal	N/A
3**	5601.200	89.60	-1.71	--	--	AV	254.00	150	Horizontal	N/A
4	7467.475	49.08	-3.85	74.0	24.92	Peak	237.00	100	Horizontal	Pass
4**	7467.475	39.20	-3.85	54.0	14.80	AV	237.00	100	Horizontal	Pass
5	11212.162	51.39	-0.20	74.0	22.61	Peak	184.00	150	Horizontal	Pass
5**	11212.162	41.47	-0.20	54.0	12.53	AV	184.00	150	Horizontal	Pass
6	15730.688	52.97	0.76	74.0	21.03	Peak	57.00	100	Horizontal	Pass
6**	15730.688	43.18	0.76	54.0	10.82	AV	57.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.800	38.75	-17.30	74.0	35.25	Peak	243.00	400	Vertical	Pass
1**	1482.800	29.07	-17.30	54.0	24.93	AV	243.00	400	Vertical	Pass
2	4378.200	50.02	-2.90	74.0	23.98	Peak	296.00	100	Vertical	Pass
2**	4378.200	40.79	-2.90	54.0	13.21	AV	296.00	100	Vertical	Pass
3	5578.000	105.03	-0.74	--	--	Peak	195.00	150	Vertical	N/A
3**	5578.000	96.98	-0.74	--	--	AV	195.00	150	Vertical	N/A
4	7376.912	48.91	-3.73	74.0	25.09	Peak	296.00	400	Vertical	Pass
4**	7376.912	40.35	-3.73	54.0	13.65	AV	296.00	400	Vertical	Pass
5	12225.887	51.60	1.31	74.0	22.40	Peak	243.00	200	Vertical	Pass
5**	12225.887	41.57	1.31	54.0	12.43	AV	243.00	200	Vertical	Pass
6	15830.175	53.18	1.49	74.0	20.82	Peak	137.00	100	Vertical	Pass
6**	15830.175	44.30	1.49	54.0	9.70	AV	137.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.500	38.56	-17.30	74.0	35.44	Peak	360.00	100	Horizontal	Pass
1**	1517.500	29.36	-17.30	54.0	24.64	AV	360.00	100	Horizontal	Pass
2	4358.000	50.46	-2.61	74.0	23.54	Peak	242.00	400	Horizontal	Pass
2**	4358.000	40.95	-2.61	54.0	13.05	AV	242.00	400	Horizontal	Pass
3	5665.200	94.87	-1.06	--	--	Peak	68.00	100	Horizontal	N/A
3**	5665.200	87.65	-1.06	--	--	AV	68.00	100	Horizontal	N/A
4	7376.625	49.37	-3.73	74.0	24.63	Peak	360.00	400	Horizontal	Pass
4**	7376.625	40.12	-3.73	54.0	13.88	AV	360.00	400	Horizontal	Pass
5	10920.350	51.20	0.23	74.0	22.80	Peak	235.00	150	Horizontal	Pass
5**	10920.350	42.77	0.23	54.0	11.23	AV	235.00	150	Horizontal	Pass
6	15849.862	52.92	1.33	74.0	21.08	Peak	285.00	300	Horizontal	Pass
6**	15849.862	44.43	1.33	54.0	9.57	AV	285.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.800	39.29	-16.84	74.0	34.71	Peak	291.00	300	Vertical	Pass
1**	1438.800	30.12	-16.84	54.0	23.88	AV	291.00	300	Vertical	Pass
2	4367.600	49.75	-2.94	74.0	24.25	Peak	224.00	300	Vertical	Pass
2**	4367.600	41.15	-2.94	54.0	12.85	AV	224.00	300	Vertical	Pass
3	5663.800	104.07	-1.18	--	--	Peak	190.00	200	Vertical	N/A
3**	5663.800	95.92	-1.18	--	--	AV	190.00	200	Vertical	N/A
4	7380.650	49.38	-3.65	74.0	24.62	Peak	32.00	200	Vertical	Pass
4**	7380.650	39.82	-3.65	54.0	14.18	AV	32.00	200	Vertical	Pass
5	11205.838	51.19	-0.26	74.0	22.81	Peak	16.00	150	Vertical	Pass
5**	11205.838	42.22	-0.26	54.0	11.78	AV	16.00	150	Vertical	Pass
6	15838.312	53.34	1.45	74.0	20.66	Peak	209.00	100	Vertical	Pass
6**	15838.312	44.48	1.45	54.0	9.52	AV	209.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.000	39.27	-17.25	74.0	34.73	Peak	184.00	100	Horizontal	Pass
1**	1539.000	29.19	-17.25	54.0	24.81	AV	184.00	100	Horizontal	Pass
2	4283.000	50.22	-3.32	74.0	23.78	Peak	348.00	300	Horizontal	Pass
2**	4283.000	40.73	-3.32	54.0	13.27	AV	348.00	300	Horizontal	Pass
3	5546.800	93.03	-1.13	--	--	Peak	268.00	150	Horizontal	N/A
3**	5546.800	85.33	-1.13	--	--	AV	268.00	150	Horizontal	N/A
4	7345.575	49.18	-3.74	74.0	24.82	Peak	252.00	200	Horizontal	Pass
4**	7345.575	39.80	-3.74	54.0	14.20	AV	252.00	200	Horizontal	Pass
5	10922.075	51.34	0.20	74.0	22.66	Peak	0.00	100	Horizontal	Pass
5**	10922.075	41.76	0.20	54.0	12.24	AV	0.00	100	Horizontal	Pass
6	15839.625	53.78	1.45	74.0	20.22	Peak	39.00	200	Horizontal	Pass
6**	15839.625	45.00	1.45	54.0	9.00	AV	39.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.400	39.64	-17.20	74.0	34.36	Peak	360.00	200	Vertical	Pass
1**	1585.400	29.44	-17.20	54.0	24.56	AV	360.00	200	Vertical	Pass
2	4369.600	49.80	-2.75	74.0	24.20	Peak	307.00	400	Vertical	Pass
2**	4369.600	41.34	-2.75	54.0	12.66	AV	307.00	400	Vertical	Pass
3	5541.000	100.36	-1.21	--	--	Peak	193.00	200	Vertical	N/A
3**	5541.000	93.06	-1.21	--	--	AV	193.00	200	Vertical	N/A
4	7381.225	49.72	-3.71	74.0	24.28	Peak	201.00	100	Vertical	Pass
4**	7381.225	40.51	-3.71	54.0	13.49	AV	201.00	100	Vertical	Pass
5	10922.651	52.69	0.20	74.0	21.31	Peak	201.00	150	Vertical	Pass
5**	10922.651	42.00	0.20	54.0	12.00	AV	201.00	150	Vertical	Pass
6	15842.513	54.08	1.41	74.0	19.92	Peak	141.00	400	Vertical	Pass
6**	15842.513	44.19	1.41	54.0	9.81	AV	141.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.400	39.16	-17.02	74.0	34.84	Peak	299.00	200	Horizontal	Pass
1**	1552.400	29.08	-17.02	54.0	24.92	AV	299.00	200	Horizontal	Pass
2	4284.600	49.48	-3.11	74.0	24.52	Peak	87.00	400	Horizontal	Pass
2**	4284.600	40.49	-3.11	54.0	13.51	AV	87.00	400	Horizontal	Pass
3	5588.800	93.40	-0.94	--	--	Peak	271.00	100	Horizontal	N/A
3**	5588.800	84.98	-0.94	--	--	AV	271.00	100	Horizontal	N/A
4	7367.138	48.70	-4.02	74.0	25.30	Peak	202.00	400	Horizontal	Pass
4**	7367.138	40.47	-4.02	54.0	13.53	AV	202.00	400	Horizontal	Pass
5	11597.125	51.54	-0.12	74.0	22.46	Peak	23.00	100	Horizontal	Pass
5**	11597.125	41.67	-0.12	54.0	12.33	AV	23.00	100	Horizontal	Pass
6	15830.700	53.33	1.49	74.0	20.67	Peak	360.00	200	Horizontal	Pass
6**	15830.700	45.10	1.49	54.0	8.90	AV	360.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.100	38.58	-17.22	74.0	35.42	Peak	0.00	200	Vertical	Pass
1**	1585.100	29.52	-17.22	54.0	24.48	AV	0.00	200	Vertical	Pass
2	4270.600	50.23	-3.67	74.0	23.77	Peak	263.00	300	Vertical	Pass
2**	4270.600	40.27	-3.67	54.0	13.73	AV	263.00	300	Vertical	Pass
3	5588.600	100.23	-0.93	--	--	Peak	334.00	150	Vertical	N/A
3**	5588.600	92.76	-0.93	--	--	AV	334.00	150	Vertical	N/A
4	7338.100	49.21	-3.54	74.0	24.79	Peak	168.00	400	Vertical	Pass
4**	7338.100	39.96	-3.54	54.0	14.04	AV	168.00	400	Vertical	Pass
5	11604.600	51.30	-0.00	74.0	22.70	Peak	257.00	150	Vertical	Pass
5**	11604.600	42.70	-0.00	54.0	11.30	AV	257.00	150	Vertical	Pass
6	16129.424	53.53	0.99	74.0	20.47	Peak	123.00	400	Vertical	Pass
6**	16129.424	43.72	0.99	54.0	10.28	AV	123.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.900	38.78	-17.33	74.0	35.22	Peak	200.00	300	Horizontal	Pass
1**	1445.900	29.21	-17.33	54.0	24.79	AV	200.00	300	Horizontal	Pass
2	4283.800	49.85	-3.10	74.0	24.15	Peak	343.00	300	Horizontal	Pass
2**	4283.800	40.86	-3.10	54.0	13.14	AV	343.00	300	Horizontal	Pass
3	5743.200	97.25	-1.20	--	--	Peak	43.00	100	Horizontal	N/A
3**	5743.200	90.20	-1.20	--	--	AV	43.00	100	Horizontal	N/A
4	7375.763	49.25	-3.74	74.0	24.75	Peak	44.00	100	Horizontal	Pass
4**	7375.763	40.32	-3.74	54.0	13.68	AV	44.00	100	Horizontal	Pass
5	11216.474	50.76	-0.19	74.0	23.24	Peak	133.00	100	Horizontal	Pass
5**	11216.474	42.18	-0.19	54.0	11.82	AV	133.00	100	Horizontal	Pass
6	15826.237	54.00	1.60	74.0	20.00	Peak	205.00	200	Horizontal	Pass
6**	15826.237	44.72	1.60	54.0	9.28	AV	205.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.100	39.01	-17.24	74.0	34.99	Peak	243.00	100	Vertical	Pass
1**	1502.100	29.96	-17.24	54.0	24.04	AV	243.00	100	Vertical	Pass
2	4285.800	49.41	-3.39	74.0	24.59	Peak	261.00	200	Vertical	Pass
2**	4285.800	40.43	-3.39	54.0	13.57	AV	261.00	200	Vertical	Pass
3	5743.400	104.76	-1.19	--	--	Peak	188.00	200	Vertical	N/A
3**	5743.400	96.68	-1.19	--	--	AV	188.00	200	Vertical	N/A
4	7359.663	48.94	-4.06	74.0	25.06	Peak	329.00	100	Vertical	Pass
4**	7359.663	39.87	-4.06	54.0	14.13	AV	329.00	100	Vertical	Pass
5	10919.200	51.41	0.23	74.0	22.59	Peak	47.00	150	Vertical	Pass
5**	10919.200	41.78	0.23	54.0	12.22	AV	47.00	150	Vertical	Pass
6	15837.525	53.29	1.45	74.0	20.71	Peak	97.00	200	Vertical	Pass
6**	15837.525	45.61	1.45	54.0	8.39	AV	97.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.700	38.75	-17.01	74.0	35.25	Peak	86.00	200	Horizontal	Pass
1**	1439.700	29.92	-17.01	54.0	24.08	AV	86.00	200	Horizontal	Pass
2	4377.600	49.98	-2.85	74.0	24.02	Peak	241.00	200	Horizontal	Pass
2**	4377.600	40.57	-2.85	54.0	13.43	AV	241.00	200	Horizontal	Pass
3	5786.200	97.79	-0.95	--	--	Peak	360.00	100	Horizontal	N/A
3**	5786.200	90.49	-0.95	--	--	AV	360.00	100	Horizontal	N/A
4	7370.875	49.55	-3.96	74.0	24.45	Peak	328.00	100	Horizontal	Pass
4**	7370.875	39.96	-3.96	54.0	14.04	AV	328.00	100	Horizontal	Pass
5	10917.474	51.47	0.22	74.0	22.53	Peak	149.00	100	Horizontal	Pass
5**	10917.474	42.86	0.22	54.0	11.14	AV	149.00	100	Horizontal	Pass
6	15839.362	53.22	1.45	74.0	20.78	Peak	312.00	200	Horizontal	Pass
6**	15839.362	45.33	1.45	54.0	8.67	AV	312.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.800	38.71	-17.16	74.0	35.29	Peak	144.00	400	Vertical	Pass
1**	1521.800	29.72	-17.16	54.0	24.28	AV	144.00	400	Vertical	Pass
2	4356.200	50.42	-2.42	74.0	23.58	Peak	54.00	100	Vertical	Pass
2**	4356.200	41.90	-2.42	54.0	12.10	AV	54.00	100	Vertical	Pass
3	5786.400	104.65	-0.92	--	--	Peak	320.00	100	Vertical	N/A
3**	5786.400	96.63	-0.92	--	--	AV	320.00	100	Vertical	N/A
4	7351.612	48.91	-3.85	74.0	25.09	Peak	308.00	100	Vertical	Pass
4**	7351.612	40.78	-3.85	54.0	13.22	AV	308.00	100	Vertical	Pass
5	11597.987	51.27	-0.11	74.0	22.73	Peak	143.00	200	Vertical	Pass
5**	11597.987	41.59	-0.11	54.0	12.41	AV	143.00	200	Vertical	Pass
6	15850.912	53.18	1.31	74.0	20.82	Peak	286.00	300	Vertical	Pass
6**	15850.912	44.79	1.31	54.0	9.21	AV	286.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1449.800	38.94	-17.21	74.0	35.06	Peak	334.00	100	Horizontal	Pass
1**	1449.800	30.23	-17.21	54.0	23.77	AV	334.00	100	Horizontal	Pass
2	4366.800	50.62	-3.01	74.0	23.38	Peak	319.00	300	Horizontal	Pass
2**	4366.800	40.62	-3.01	54.0	13.38	AV	319.00	300	Horizontal	Pass
3	5828.800	96.04	-1.21	--	--	Peak	354.00	150	Horizontal	N/A
3**	5828.800	90.04	-1.21	--	--	AV	354.00	150	Horizontal	N/A
4	7364.263	49.58	-4.01	74.0	24.42	Peak	89.00	200	Horizontal	Pass
4**	7364.263	40.55	-4.01	54.0	13.45	AV	89.00	200	Horizontal	Pass
5	10936.162	51.81	-0.02	74.0	22.19	Peak	52.00	200	Horizontal	Pass
5**	10936.162	42.91	-0.02	54.0	11.09	AV	52.00	200	Horizontal	Pass
6	15850.387	53.84	1.32	74.0	20.16	Peak	319.00	200	Horizontal	Pass
6**	15850.387	44.63	1.32	54.0	9.37	AV	319.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.600	38.62	-17.15	74.0	35.38	Peak	73.00	200	Vertical	Pass
1**	1550.600	29.33	-17.15	54.0	24.67	AV	73.00	200	Vertical	Pass
2	4369.200	50.71	-2.70	74.0	23.29	Peak	75.00	200	Vertical	Pass
2**	4369.200	41.53	-2.70	54.0	12.47	AV	75.00	200	Vertical	Pass
3	5823.600	103.27	-1.52	--	--	Peak	314.00	200	Vertical	N/A
3**	5823.600	95.24	-1.52	--	--	AV	314.00	200	Vertical	N/A
4	7378.638	48.96	-3.68	74.0	25.04	Peak	232.00	100	Vertical	Pass
4**	7378.638	40.15	-3.68	54.0	13.85	AV	232.00	100	Vertical	Pass
5	10916.325	52.00	0.21	74.0	22.00	Peak	213.00	200	Vertical	Pass
5**	10916.325	43.51	0.21	54.0	10.49	AV	213.00	200	Vertical	Pass
6	15840.412	54.82	1.44	74.0	19.18	Peak	261.00	100	Vertical	Pass
6**	15840.412	44.34	1.44	54.0	9.66	AV	261.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.700	38.78	-17.22	74.0	35.22	Peak	176.00	300	Horizontal	Pass
1**	1466.700	28.53	-17.22	54.0	25.47	AV	176.00	300	Horizontal	Pass
2	4357.800	49.96	-2.58	74.0	24.04	Peak	118.00	300	Horizontal	Pass
2**	4357.800	41.12	-2.58	54.0	12.88	AV	118.00	300	Horizontal	Pass
3	5741.200	97.31	-1.12	--	--	Peak	360.00	200	Horizontal	N/A
3**	5741.200	90.16	-1.12	--	--	AV	360.00	200	Horizontal	N/A
4	7377.775	49.40	-3.71	74.0	24.60	Peak	31.00	300	Horizontal	Pass
4**	7377.775	41.31	-3.71	54.0	12.69	AV	31.00	300	Horizontal	Pass
5	11942.125	51.03	1.62	74.0	22.97	Peak	291.00	150	Horizontal	Pass
5**	11942.125	42.23	1.62	54.0	11.77	AV	291.00	150	Horizontal	Pass
6	15845.925	53.56	1.36	74.0	20.44	Peak	175.00	200	Horizontal	Pass
6**	15845.925	44.77	1.36	54.0	9.23	AV	175.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.900	38.99	-17.07	74.0	35.01	Peak	336.00	300	Vertical	Pass
1**	1544.900	30.02	-17.07	54.0	23.98	AV	336.00	300	Vertical	Pass
2	4376.800	49.83	-2.90	74.0	24.17	Peak	224.00	300	Vertical	Pass
2**	4376.800	41.19	-2.90	54.0	12.81	AV	224.00	300	Vertical	Pass
3	5741.000	104.94	-1.08	--	--	Peak	200.00	100	Vertical	N/A
3**	5741.000	98.16	-1.08	--	--	AV	200.00	100	Vertical	N/A
4	7340.400	48.72	-3.55	74.0	25.28	Peak	122.00	100	Vertical	Pass
4**	7340.400	40.26	-3.55	54.0	13.74	AV	122.00	100	Vertical	Pass
5	12223.300	51.37	1.28	74.0	22.63	Peak	325.00	150	Vertical	Pass
5**	12223.300	42.33	1.28	54.0	11.67	AV	325.00	150	Vertical	Pass
6	15839.100	53.11	1.45	74.0	20.89	Peak	298.00	400	Vertical	Pass
6**	15839.100	44.69	1.45	54.0	9.31	AV	298.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.300	38.84	-17.34	74.0	35.16	Peak	34.00	200	Horizontal	Pass
1**	1601.300	29.43	-17.34	54.0	24.57	AV	34.00	200	Horizontal	Pass
2	4272.400	49.96	-3.59	74.0	24.04	Peak	247.00	200	Horizontal	Pass
2**	4272.400	40.22	-3.59	54.0	13.78	AV	247.00	200	Horizontal	Pass
3	5782.600	97.11	-0.95	--	--	Peak	353.00	100	Horizontal	N/A
3**	5782.600	90.09	-0.95	--	--	AV	353.00	100	Horizontal	N/A
4	7374.900	49.38	-3.74	74.0	24.62	Peak	0.00	300	Horizontal	Pass
4**	7374.900	40.95	-3.74	54.0	13.05	AV	0.00	300	Horizontal	Pass
5	10926.675	50.99	0.13	74.0	23.01	Peak	213.00	100	Horizontal	Pass
5**	10926.675	42.04	0.13	54.0	11.96	AV	213.00	100	Horizontal	Pass
6	16086.112	54.43	1.51	74.0	19.57	Peak	0.00	400	Horizontal	Pass
6**	16086.112	44.76	1.51	54.0	9.24	AV	0.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1461.200	39.16	-17.27	74.0	34.84	Peak	240.00	200	Vertical	Pass
1**	1461.200	28.84	-17.27	54.0	25.16	AV	240.00	200	Vertical	Pass
2	4344.000	49.61	-3.51	74.0	24.39	Peak	9.00	300	Vertical	Pass
2**	4344.000	39.93	-3.51	54.0	14.07	AV	9.00	300	Vertical	Pass
3	5786.000	104.31	-0.98	--	--	Peak	186.00	100	Vertical	N/A
3**	5786.000	97.00	-0.98	--	--	AV	186.00	100	Vertical	N/A
4	7359.088	49.02	-4.08	74.0	24.98	Peak	308.00	100	Vertical	Pass
4**	7359.088	39.55	-4.08	54.0	14.45	AV	308.00	100	Vertical	Pass
5	10945.651	51.30	-0.14	74.0	22.70	Peak	0.00	100	Vertical	Pass
5**	10945.651	41.65	-0.14	54.0	12.35	AV	0.00	100	Vertical	Pass
6	15833.588	54.92	1.46	74.0	19.08	Peak	104.00	200	Vertical	Pass
6**	15833.588	45.26	1.46	54.0	8.74	AV	104.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.500	39.12	-17.31	74.0	34.88	Peak	315.00	400	Horizontal	Pass
1**	1459.500	28.95	-17.31	54.0	25.05	AV	315.00	400	Horizontal	Pass
2	4355.800	50.21	-2.56	74.0	23.79	Peak	351.00	300	Horizontal	Pass
2**	4355.800	41.68	-2.56	54.0	12.32	AV	351.00	300	Horizontal	Pass
3	5829.200	96.45	-1.17	--	--	Peak	44.00	150	Horizontal	N/A
3**	5829.200	88.88	-1.17	--	--	AV	44.00	150	Horizontal	N/A
4	7367.425	49.30	-4.02	74.0	24.70	Peak	158.00	200	Horizontal	Pass
4**	7367.425	40.32	-4.02	54.0	13.68	AV	158.00	200	Horizontal	Pass
5	10923.225	50.92	0.19	74.0	23.08	Peak	308.00	200	Horizontal	Pass
5**	10923.225	41.84	0.19	54.0	12.16	AV	308.00	200	Horizontal	Pass
6	15835.425	53.95	1.45	74.0	20.05	Peak	247.00	400	Horizontal	Pass
6**	15835.425	45.06	1.45	54.0	8.94	AV	247.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.300	38.73	-17.35	74.0	35.27	Peak	209.00	300	Vertical	Pass
1**	1613.300	29.55	-17.35	54.0	24.45	AV	209.00	300	Vertical	Pass
2	4381.800	49.49	-3.00	74.0	24.51	Peak	0.00	200	Vertical	Pass
2**	4381.800	40.66	-3.00	54.0	13.34	AV	0.00	200	Vertical	Pass
3	5826.800	103.26	-1.44	--	--	Peak	327.00	100	Vertical	N/A
3**	5826.800	95.97	-1.44	--	--	AV	327.00	100	Vertical	N/A
4	7365.987	49.15	-4.02	74.0	24.85	Peak	342.00	300	Vertical	Pass
4**	7365.987	40.70	-4.02	54.0	13.30	AV	342.00	300	Vertical	Pass
5	10942.488	51.99	-0.09	74.0	22.01	Peak	68.00	150	Vertical	Pass
5**	10942.488	42.15	-0.09	54.0	11.85	AV	68.00	150	Vertical	Pass
6	15851.963	53.75	1.28	74.0	20.25	Peak	227.00	300	Vertical	Pass
6**	15851.963	44.32	1.28	54.0	9.68	AV	227.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.300	38.71	-17.21	74.0	35.29	Peak	142.00	400	Horizontal	Pass
1**	1466.300	28.82	-17.21	54.0	25.18	AV	142.00	400	Horizontal	Pass
2	4384.000	50.24	-2.87	74.0	23.76	Peak	238.00	200	Horizontal	Pass
2**	4384.000	40.63	-2.87	54.0	13.37	AV	238.00	200	Horizontal	Pass
3	5758.000	92.74	-1.20	--	--	Peak	360.00	200	Horizontal	N/A
3**	5758.000	84.63	-1.20	--	--	AV	360.00	200	Horizontal	N/A
4	7362.537	49.54	-4.01	74.0	24.46	Peak	131.00	300	Horizontal	Pass
4**	7362.537	41.17	-4.01	54.0	12.83	AV	131.00	300	Horizontal	Pass
5	11199.513	50.71	-0.29	74.0	23.29	Peak	96.00	100	Horizontal	Pass
5**	11199.513	41.80	-0.29	54.0	12.20	AV	96.00	100	Horizontal	Pass
6	15829.387	53.22	1.51	74.0	20.78	Peak	180.00	400	Horizontal	Pass
6**	15829.387	44.38	1.51	54.0	9.62	AV	180.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.900	38.83	-17.01	74.0	35.17	Peak	109.00	400	Vertical	Pass
1**	1525.900	30.31	-17.01	54.0	23.69	AV	109.00	400	Vertical	Pass
2	4195.600	50.52	-3.96	74.0	23.48	Peak	359.00	200	Vertical	Pass
2**	4195.600	40.00	-3.96	54.0	14.00	AV	359.00	200	Vertical	Pass
3	5747.200	100.30	-1.43	--	--	Peak	325.00	150	Vertical	N/A
3**	5747.200	93.21	-1.43	--	--	AV	325.00	150	Vertical	N/A
4	7372.600	49.14	-3.82	74.0	24.86	Peak	96.00	100	Vertical	Pass
4**	7372.600	41.56	-3.82	54.0	12.44	AV	96.00	100	Vertical	Pass
5	11596.838	50.80	-0.13	74.0	23.20	Peak	202.00	200	Vertical	Pass
5**	11596.838	41.26	-0.13	54.0	12.74	AV	202.00	200	Vertical	Pass
6	15812.325	54.12	2.12	74.0	19.88	Peak	139.00	200	Vertical	Pass
6**	15812.325	43.95	2.12	54.0	10.05	AV	139.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.500	38.75	-17.52	74.0	35.25	Peak	195.00	100	Horizontal	Pass
1**	1481.500	29.24	-17.52	54.0	24.76	AV	195.00	100	Horizontal	Pass
2	4362.800	50.39	-2.63	74.0	23.61	Peak	323.00	400	Horizontal	Pass
2**	4362.800	41.24	-2.63	54.0	12.76	AV	323.00	400	Horizontal	Pass
3	5804.000	92.51	-1.38	--	--	Peak	357.00	100	Horizontal	N/A
3**	5804.000	85.64	-1.38	--	--	AV	357.00	100	Horizontal	N/A
4	7348.163	50.16	-3.85	74.0	23.84	Peak	47.00	300	Horizontal	Pass
4**	7348.163	39.95	-3.85	54.0	14.05	AV	47.00	300	Horizontal	Pass
5	11707.525	52.07	0.53	74.0	21.93	Peak	64.00	150	Horizontal	Pass
5**	11707.525	40.75	0.53	54.0	13.25	AV	64.00	150	Horizontal	Pass
6	15821.513	54.12	1.80	74.0	19.88	Peak	139.00	400	Horizontal	Pass
6**	15821.513	44.00	1.80	54.0	10.00	AV	139.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.100	38.49	-17.23	74.0	35.51	Peak	336.00	300	Vertical	Pass
1**	1492.100	29.39	-17.23	54.0	24.61	AV	336.00	300	Vertical	Pass
2	4363.600	50.16	-2.70	74.0	23.84	Peak	292.00	300	Vertical	Pass
2**	4363.600	40.77	-2.70	54.0	13.23	AV	292.00	300	Vertical	Pass
3	5786.600	99.55	-0.95	--	--	Peak	325.00	150	Vertical	N/A
3**	5786.600	92.56	-0.95	--	--	AV	325.00	150	Vertical	N/A
4	7359.663	48.96	-4.06	74.0	25.04	Peak	220.00	200	Vertical	Pass
4**	7359.663	40.67	-4.06	54.0	13.33	AV	220.00	200	Vertical	Pass
5	10925.813	51.26	0.15	74.0	22.74	Peak	42.00	100	Vertical	Pass
5**	10925.813	42.52	0.15	54.0	11.48	AV	42.00	100	Vertical	Pass
6	15823.088	53.82	1.73	74.0	20.18	Peak	98.00	200	Vertical	Pass
6**	15823.088	44.64	1.73	54.0	9.36	AV	98.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.600	38.98	-17.19	74.0	35.02	Peak	308.00	100	Horizontal	Pass
1**	1585.600	29.63	-17.19	54.0	24.37	AV	308.00	100	Horizontal	Pass
2	4354.000	49.80	-3.07	74.0	24.20	Peak	303.00	300	Horizontal	Pass
2**	4354.000	41.24	-3.07	54.0	12.76	AV	303.00	300	Horizontal	Pass
3	5742.200	97.39	-1.26	--	--	Peak	42.00	200	Horizontal	N/A
3**	5742.200	90.32	-1.26	--	--	AV	42.00	200	Horizontal	N/A
4	7368.862	49.28	-4.07	74.0	24.72	Peak	0.00	400	Horizontal	Pass
4**	7368.862	40.50	-4.07	54.0	13.50	AV	0.00	400	Horizontal	Pass
5	10924.662	51.03	0.16	74.0	22.97	Peak	223.00	100	Horizontal	Pass
5**	10924.662	41.90	0.16	54.0	12.10	AV	223.00	100	Horizontal	Pass
6	16080.600	53.88	1.63	74.0	20.12	Peak	38.00	300	Horizontal	Pass
6**	16080.600	43.69	1.63	54.0	10.31	AV	38.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.100	38.58	-17.26	74.0	35.42	Peak	154.00	100	Vertical	Pass
1**	1550.100	29.60	-17.26	54.0	24.40	AV	154.00	100	Vertical	Pass
2	4356.000	50.86	-2.49	74.0	23.14	Peak	17.00	400	Vertical	Pass
2**	4356.000	41.68	-2.49	54.0	12.32	AV	17.00	400	Vertical	Pass
3	5743.000	105.03	-1.21	--	--	Peak	322.00	100	Vertical	N/A
3**	5743.000	97.96	-1.21	--	--	AV	322.00	100	Vertical	N/A
4	7378.350	49.32	-3.69	74.0	24.68	Peak	314.00	400	Vertical	Pass
4**	7378.350	39.83	-3.69	54.0	14.17	AV	314.00	400	Vertical	Pass
5	10947.088	51.74	-0.18	74.0	22.26	Peak	177.00	100	Vertical	Pass
5**	10947.088	41.66	-0.18	54.0	12.34	AV	177.00	100	Vertical	Pass
6	15837.263	55.00	1.45	74.0	19.00	Peak	260.00	300	Vertical	Pass
6**	15837.263	44.15	1.45	54.0	9.85	AV	260.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.300	38.81	-17.35	74.0	35.19	Peak	15.00	200	Horizontal	Pass
1**	1505.300	29.20	-17.35	54.0	24.80	AV	15.00	200	Horizontal	Pass
2	4357.400	50.14	-2.52	74.0	23.86	Peak	315.00	100	Horizontal	Pass
2**	4357.400	41.80	-2.52	54.0	12.20	AV	315.00	100	Horizontal	Pass
3	5786.400	97.47	-0.92	--	--	Peak	360.00	100	Horizontal	N/A
3**	5786.400	90.54	-0.92	--	--	AV	360.00	100	Horizontal	N/A
4	7380.362	48.89	-3.61	74.0	25.11	Peak	259.00	200	Horizontal	Pass
4**	7380.362	40.28	-3.61	54.0	13.72	AV	259.00	200	Horizontal	Pass
5	10939.325	51.25	-0.06	74.0	22.75	Peak	0.00	100	Horizontal	Pass
5**	10939.325	42.42	-0.06	54.0	11.58	AV	0.00	100	Horizontal	Pass
6	15850.651	54.12	1.31	74.0	19.88	Peak	159.00	400	Horizontal	Pass
6**	15850.651	44.92	1.31	54.0	9.08	AV	159.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.300	38.90	-17.57	74.0	35.10	Peak	101.00	200	Vertical	Pass
1**	1486.300	28.88	-17.57	54.0	25.12	AV	101.00	200	Vertical	Pass
2	4366.600	49.84	-2.99	74.0	24.16	Peak	360.00	200	Vertical	Pass
2**	4366.600	40.75	-2.99	54.0	13.25	AV	360.00	200	Vertical	Pass
3	5786.600	104.61	-0.95	--	--	Peak	189.00	100	Vertical	N/A
3**	5786.600	96.59	-0.95	--	--	AV	189.00	100	Vertical	N/A
4	7335.800	49.68	-3.37	74.0	24.32	Peak	275.00	400	Vertical	Pass
4**	7335.800	40.17	-3.37	54.0	13.83	AV	275.00	400	Vertical	Pass
5	10922.937	51.27	0.19	74.0	22.73	Peak	64.00	200	Vertical	Pass
5**	10922.937	41.49	0.19	54.0	12.51	AV	64.00	200	Vertical	Pass
6	15844.612	53.70	1.37	74.0	20.30	Peak	163.00	300	Vertical	Pass
6**	15844.612	45.14	1.37	54.0	8.86	AV	163.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.100	38.87	-17.27	74.0	35.13	Peak	243.00	400	Horizontal	Pass
1**	1625.100	29.11	-17.27	54.0	24.89	AV	243.00	400	Horizontal	Pass
2	4377.200	49.72	-2.88	74.0	24.28	Peak	65.00	400	Horizontal	Pass
2**	4377.200	41.34	-2.88	54.0	12.66	AV	65.00	400	Horizontal	Pass
3	5829.600	95.54	-1.15	--	--	Peak	356.00	100	Horizontal	N/A
3**	5829.600	88.16	-1.15	--	--	AV	356.00	100	Horizontal	N/A
4	7372.025	49.13	-3.85	74.0	24.87	Peak	26.00	200	Horizontal	Pass
4**	7372.025	40.29	-3.85	54.0	13.71	AV	26.00	200	Horizontal	Pass
5	10909.712	51.05	0.17	74.0	22.95	Peak	344.00	150	Horizontal	Pass
5**	10909.712	41.79	0.17	54.0	12.21	AV	344.00	150	Horizontal	Pass
6	15846.974	52.92	1.35	74.0	21.08	Peak	348.00	200	Horizontal	Pass
6**	15846.974	44.50	1.35	54.0	9.50	AV	348.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1520.200	39.00	-17.37	74.0	35.00	Peak	1.00	200	Vertical	Pass
1**	1520.200	29.56	-17.37	54.0	24.44	AV	1.00	200	Vertical	Pass
2	4362.000	50.28	-2.63	74.0	23.72	Peak	294.00	200	Vertical	Pass
2**	4362.000	41.17	-2.63	54.0	12.83	AV	294.00	200	Vertical	Pass
3	5823.200	102.79	-1.49	--	--	Peak	317.00	150	Vertical	N/A
3**	5823.200	95.09	-1.49	--	--	AV	317.00	150	Vertical	N/A
4	7342.700	49.39	-3.63	74.0	24.61	Peak	48.00	100	Vertical	Pass
4**	7342.700	40.05	-3.63	54.0	13.95	AV	48.00	100	Vertical	Pass
5	11207.850	51.47	-0.24	74.0	22.53	Peak	221.00	150	Vertical	Pass
5**	11207.850	42.22	-0.24	54.0	11.78	AV	221.00	150	Vertical	Pass
6	15849.862	53.79	1.33	74.0	20.21	Peak	98.00	300	Vertical	Pass
6**	15849.862	44.10	1.33	54.0	9.90	AV	98.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.400	39.24	-17.25	74.0	34.76	Peak	348.00	400	Horizontal	Pass
1**	1522.400	30.39	-17.25	54.0	23.61	AV	348.00	400	Horizontal	Pass
2	4057.400	50.31	-4.28	74.0	23.69	Peak	348.00	100	Horizontal	Pass
2**	4057.400	39.36	-4.28	54.0	14.64	AV	348.00	100	Horizontal	Pass
3	5753.400	94.17	-1.13	--	--	Peak	360.00	150	Horizontal	N/A
3**	5753.400	86.68	-1.13	--	--	AV	360.00	150	Horizontal	N/A
4	7339.825	49.12	-3.50	74.0	24.88	Peak	348.00	100	Horizontal	Pass
4**	7339.825	40.88	-3.50	54.0	13.12	AV	348.00	100	Horizontal	Pass
5	10910.000	51.31	0.17	74.0	22.69	Peak	255.00	200	Horizontal	Pass
5**	10910.000	41.35	0.17	54.0	12.65	AV	255.00	200	Horizontal	Pass
6	16097.401	53.62	1.26	74.0	20.38	Peak	22.00	200	Horizontal	Pass
6**	16097.401	44.25	1.26	54.0	9.75	AV	22.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1439.500	39.47	-16.97	74.0	34.53	Peak	124.00	200	Vertical	Pass
1**	1439.500	28.99	-16.97	54.0	25.01	AV	124.00	200	Vertical	Pass
2	4356.000	49.51	-2.49	74.0	24.49	Peak	269.00	300	Vertical	Pass
2**	4356.000	40.95	-2.49	54.0	13.05	AV	269.00	300	Vertical	Pass
3	5745.200	101.33	-1.23	--	--	Peak	325.00	150	Vertical	N/A
3**	5745.200	93.81	-1.23	--	--	AV	325.00	150	Vertical	N/A
4	7371.450	48.92	-3.89	74.0	25.08	Peak	209.00	400	Vertical	Pass
4**	7371.450	40.55	-3.89	54.0	13.45	AV	209.00	400	Vertical	Pass
5	12231.638	51.40	1.26	74.0	22.60	Peak	253.00	100	Vertical	Pass
5**	12231.638	42.24	1.26	54.0	11.76	AV	253.00	100	Vertical	Pass
6	15827.287	53.01	1.57	74.0	20.99	Peak	348.00	400	Vertical	Pass
6**	15827.287	44.61	1.57	54.0	9.39	AV	348.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.100	38.72	-17.08	74.0	35.28	Peak	199.00	100	Horizontal	Pass
1**	1553.100	28.74	-17.08	54.0	25.26	AV	199.00	100	Horizontal	Pass
2	4369.800	49.95	-2.78	74.0	24.05	Peak	200.00	300	Horizontal	Pass
2**	4369.800	41.85	-2.78	54.0	12.15	AV	200.00	300	Horizontal	Pass
3	5786.400	94.05	-0.92	--	--	Peak	348.00	150	Horizontal	N/A
3**	5786.400	86.16	-0.92	--	--	AV	348.00	150	Horizontal	N/A
4	7363.687	49.14	-4.01	74.0	24.86	Peak	234.00	400	Horizontal	Pass
4**	7363.687	39.94	-4.01	54.0	14.06	AV	234.00	400	Horizontal	Pass
5	10619.912	51.12	-1.22	74.0	22.88	Peak	20.00	200	Horizontal	Pass
5**	10619.912	42.01	-1.22	54.0	11.99	AV	20.00	200	Horizontal	Pass
6	16100.025	53.56	1.20	74.0	20.44	Peak	119.00	100	Horizontal	Pass
6**	16100.025	44.41	1.20	54.0	9.59	AV	119.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.700	38.85	-17.31	74.0	35.15	Peak	251.00	400	Vertical	Pass
1**	1457.700	28.58	-17.31	54.0	25.42	AV	251.00	400	Vertical	Pass
2	4361.000	50.38	-2.64	74.0	23.62	Peak	66.00	300	Vertical	Pass
2**	4361.000	40.54	-2.64	54.0	13.46	AV	66.00	300	Vertical	Pass
3	5786.400	100.97	-0.92	--	--	Peak	327.00	200	Vertical	N/A
3**	5786.400	93.56	-0.92	--	--	AV	327.00	200	Vertical	N/A
4	7380.075	50.02	-3.60	74.0	23.98	Peak	216.00	100	Vertical	Pass
4**	7380.075	40.40	-3.60	54.0	13.60	AV	216.00	100	Vertical	Pass
5	10918.050	50.97	0.22	74.0	23.03	Peak	131.00	200	Vertical	Pass
5**	10918.050	42.74	0.22	54.0	11.26	AV	131.00	200	Vertical	Pass
6	15991.349	53.84	0.24	74.0	20.16	Peak	347.00	200	Vertical	Pass
6**	15991.349	44.14	0.24	54.0	9.86	AV	347.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.500	38.49	-17.19	74.0	35.51	Peak	309.00	200	Horizontal	Pass
1**	1585.500	29.83	-17.19	54.0	24.17	AV	309.00	200	Horizontal	Pass
2	4389.000	49.55	-3.09	74.0	24.45	Peak	316.00	100	Horizontal	Pass
2**	4389.000	40.35	-3.09	54.0	13.65	AV	316.00	100	Horizontal	Pass
3	5757.200	91.52	-1.17	--	--	Peak	357.00	150	Horizontal	N/A
3**	5757.200	83.81	-1.17	--	--	AV	357.00	150	Horizontal	N/A
4	7349.025	48.86	-3.86	74.0	25.14	Peak	287.00	100	Horizontal	Pass
4**	7349.025	40.46	-3.86	54.0	13.54	AV	287.00	100	Horizontal	Pass
5	10942.488	50.92	-0.09	74.0	23.08	Peak	77.00	150	Horizontal	Pass
5**	10942.488	42.30	-0.09	54.0	11.70	AV	77.00	150	Horizontal	Pass
6	15827.025	53.31	1.58	74.0	20.69	Peak	102.00	100	Horizontal	Pass
6**	15827.025	45.01	1.58	54.0	8.99	AV	102.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1460.900	39.19	-17.27	74.0	34.81	Peak	192.00	100	Vertical	Pass
1**	1460.900	29.27	-17.27	54.0	24.73	AV	192.00	100	Vertical	Pass
2	4280.200	49.89	-3.59	74.0	24.11	Peak	112.00	300	Vertical	Pass
2**	4280.200	40.03	-3.59	54.0	13.97	AV	112.00	300	Vertical	Pass
3	5760.800	98.28	-0.98	--	--	Peak	326.00	150	Vertical	N/A
3**	5760.800	89.72	-0.98	--	--	AV	326.00	150	Vertical	N/A
4	7373.463	49.35	-3.77	74.0	24.65	Peak	251.00	200	Vertical	Pass
4**	7373.463	40.07	-3.77	54.0	13.93	AV	251.00	200	Vertical	Pass
5	10946.800	51.53	-0.18	74.0	22.47	Peak	273.00	100	Vertical	Pass
5**	10946.800	41.93	-0.18	54.0	12.07	AV	273.00	100	Vertical	Pass
6	15839.362	53.54	1.45	74.0	20.46	Peak	22.00	100	Vertical	Pass
6**	15839.362	44.76	1.45	54.0	9.24	AV	22.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.700	38.48	-17.30	74.0	35.52	Peak	248.00	400	Horizontal	Pass
1**	1459.700	29.21	-17.30	54.0	24.79	AV	248.00	400	Horizontal	Pass
2	4380.800	50.32	-3.02	74.0	23.68	Peak	310.00	300	Horizontal	Pass
2**	4380.800	41.14	-3.02	54.0	12.86	AV	310.00	300	Horizontal	Pass
3	5178.200	109.32	-1.79	--	--	Peak	80.00	150	Horizontal	N/A
3**	5178.200	101.25	-1.79	--	--	AV	80.00	150	Horizontal	N/A
4	7369.438	49.29	-4.10	74.0	24.71	Peak	348.00	100	Horizontal	Pass
4**	7369.438	40.49	-4.10	54.0	13.51	AV	348.00	100	Horizontal	Pass
5	10935.012	52.18	-0.01	74.0	21.82	Peak	0.00	150	Horizontal	Pass
5**	10935.012	42.78	-0.01	54.0	11.22	AV	0.00	150	Horizontal	Pass
6	15537.487	53.56	0.72	74.0	20.44	Peak	92.00	100	Horizontal	Pass
6**	15537.487	44.80	0.72	54.0	9.20	AV	92.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.500	38.70	-17.43	74.0	35.30	Peak	83.00	300	Vertical	Pass
1**	1596.500	29.56	-17.43	54.0	24.44	AV	83.00	300	Vertical	Pass
2	4372.000	49.82	-3.06	74.0	24.18	Peak	303.00	200	Vertical	Pass
2**	4372.000	41.10	-3.06	54.0	12.90	AV	303.00	200	Vertical	Pass
3	5185.000	103.50	-1.46	--	--	Peak	7.00	200	Vertical	N/A
3**	5185.000	96.47	-1.46	--	--	AV	7.00	200	Vertical	N/A
4	7362.537	49.39	-4.01	74.0	24.61	Peak	238.00	300	Vertical	Pass
4**	7362.537	39.96	-4.01	54.0	14.04	AV	238.00	300	Vertical	Pass
5	12217.263	51.53	1.20	74.0	22.47	Peak	19.00	150	Vertical	Pass
5**	12217.263	42.23	1.20	54.0	11.77	AV	19.00	150	Vertical	Pass
6	15521.475	54.83	1.38	74.0	19.17	Peak	89.00	300	Vertical	Pass
6**	15521.475	43.40	1.38	54.0	10.60	AV	89.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	38.63	-17.16	74.0	35.37	Peak	224.00	400	Horizontal	Pass
1**	1494.600	29.53	-17.16	54.0	24.47	AV	224.00	400	Horizontal	Pass
2	4385.000	49.94	-2.95	74.0	24.06	Peak	360.00	400	Horizontal	Pass
2**	4385.000	41.08	-2.95	54.0	12.92	AV	360.00	400	Horizontal	Pass
3	5216.000	109.95	-2.37	--	--	Peak	343.00	150	Horizontal	N/A
3**	5216.000	102.32	-2.37	--	--	AV	343.00	150	Horizontal	N/A
4	7363.687	49.46	-4.01	74.0	24.54	Peak	0.00	400	Horizontal	Pass
4**	7363.687	40.11	-4.01	54.0	13.89	AV	0.00	400	Horizontal	Pass
5	11207.276	50.96	-0.24	74.0	23.04	Peak	221.00	100	Horizontal	Pass
5**	11207.276	41.33	-0.24	54.0	12.67	AV	221.00	100	Horizontal	Pass
6	15667.425	55.12	1.38	74.0	18.88	Peak	66.00	300	Horizontal	Pass
6**	15667.425	43.70	1.38	54.0	10.30	AV	66.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.200	38.35	-17.36	74.0	35.65	Peak	169.00	200	Vertical	Pass
1**	1458.200	29.08	-17.36	54.0	24.92	AV	169.00	200	Vertical	Pass
2	4362.800	50.39	-2.63	74.0	23.61	Peak	161.00	300	Vertical	Pass
2**	4362.800	40.91	-2.63	54.0	13.09	AV	161.00	300	Vertical	Pass
3	5216.200	104.96	-2.39	--	--	Peak	7.00	150	Vertical	N/A
3**	5216.200	97.26	-2.39	--	--	AV	7.00	150	Vertical	N/A
4	7350.462	49.61	-3.88	74.0	24.39	Peak	175.00	400	Vertical	Pass
4**	7350.462	40.00	-3.88	54.0	14.00	AV	175.00	400	Vertical	Pass
5	10919.775	51.86	0.24	74.0	22.14	Peak	207.00	150	Vertical	Pass
5**	10919.775	42.28	0.24	54.0	11.72	AV	207.00	150	Vertical	Pass
6	15659.813	56.25	1.27	74.0	17.75	Peak	69.00	400	Vertical	Pass
6**	15659.813	45.89	1.27	54.0	8.11	AV	69.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1490.800	38.43	-17.33	74.0	35.57	Peak	270.00	400	Horizontal	Pass
1**	1490.800	29.33	-17.33	54.0	24.67	AV	270.00	400	Horizontal	Pass
2	4365.200	50.25	-2.85	74.0	23.75	Peak	353.00	100	Horizontal	Pass
2**	4365.200	40.09	-2.85	54.0	13.91	AV	353.00	100	Horizontal	Pass
3	5238.800	109.40	-1.88	--	--	Peak	10.00	100	Horizontal	N/A
3**	5238.800	101.65	-1.88	--	--	AV	10.00	100	Horizontal	N/A
4	7352.475	49.42	-3.84	74.0	24.58	Peak	205.00	300	Horizontal	Pass
4**	7352.475	40.79	-3.84	54.0	13.21	AV	205.00	300	Horizontal	Pass
5	11716.150	50.89	0.76	74.0	23.11	Peak	0.00	100	Horizontal	Pass
5**	11716.150	40.82	0.76	54.0	13.18	AV	0.00	100	Horizontal	Pass
6	15716.513	54.24	0.50	74.0	19.76	Peak	69.00	200	Horizontal	Pass
6**	15716.513	46.60	0.50	54.0	7.40	AV	69.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.000	39.29	-17.21	74.0	34.71	Peak	152.00	400	Vertical	Pass
1**	1450.000	29.16	-17.21	54.0	24.84	AV	152.00	400	Vertical	Pass
2	4361.000	49.92	-2.64	74.0	24.08	Peak	167.00	100	Vertical	Pass
2**	4361.000	40.66	-2.64	54.0	13.34	AV	167.00	100	Vertical	Pass
3	5235.800	104.15	-1.89	--	--	Peak	12.00	200	Vertical	N/A
3**	5235.800	96.54	-1.89	--	--	AV	12.00	200	Vertical	N/A
4	7384.963	49.16	-3.88	74.0	24.84	Peak	193.00	100	Vertical	Pass
4**	7384.963	39.33	-3.88	54.0	14.67	AV	193.00	100	Vertical	Pass
5	11213.312	50.73	-0.20	74.0	23.27	Peak	340.00	100	Vertical	Pass
5**	11213.312	41.86	-0.20	54.0	12.14	AV	340.00	100	Vertical	Pass
6	15718.875	56.24	0.47	74.0	17.76	Peak	67.00	300	Vertical	Pass
6**	15718.875	47.97	0.47	54.0	6.03	AV	67.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1612.900	38.89	-17.37	74.0	35.11	Peak	360.00	100	Horizontal	Pass
1**	1612.900	29.57	-17.37	54.0	24.43	AV	360.00	100	Horizontal	Pass
2	4386.000	50.22	-3.03	74.0	23.78	Peak	0.00	200	Horizontal	Pass
2**	4386.000	41.31	-3.03	54.0	12.69	AV	0.00	200	Horizontal	Pass
3	5176.400	108.12	-1.90	--	--	Peak	354.00	100	Horizontal	N/A
3**	5176.400	100.62	-1.90	--	--	AV	354.00	100	Horizontal	N/A
4	7367.712	48.66	-4.03	74.0	25.34	Peak	283.00	200	Horizontal	Pass
4**	7367.712	41.06	-4.03	54.0	12.94	AV	283.00	200	Horizontal	Pass
5	10937.312	50.49	-0.04	74.0	23.51	Peak	155.00	100	Horizontal	Pass
5**	10937.312	41.79	-0.04	54.0	12.21	AV	155.00	100	Horizontal	Pass
6	15840.412	53.86	1.44	74.0	20.14	Peak	33.00	400	Horizontal	Pass
6**	15840.412	44.98	1.44	54.0	9.02	AV	33.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.700	38.14	-17.06	74.0	35.86	Peak	234.00	400	Vertical	Pass
1**	1593.700	29.26	-17.06	54.0	24.74	AV	234.00	400	Vertical	Pass
2	4346.000	50.02	-2.86	74.0	23.98	Peak	32.00	100	Vertical	Pass
2**	4346.000	40.99	-2.86	54.0	13.01	AV	32.00	100	Vertical	Pass
3	5184.000	103.15	-1.60	--	--	Peak	0.00	200	Vertical	N/A
3**	5184.000	95.42	-1.60	--	--	AV	0.00	200	Vertical	N/A
4	7681.950	49.41	-2.64	74.0	24.59	Peak	274.00	200	Vertical	Pass
4**	7681.950	39.45	-2.64	54.0	14.55	AV	274.00	200	Vertical	Pass
5	10924.088	50.89	0.17	74.0	23.11	Peak	78.00	100	Vertical	Pass
5**	10924.088	42.17	0.17	54.0	11.83	AV	78.00	100	Vertical	Pass
6	15545.362	55.23	0.66	74.0	18.77	Peak	82.00	300	Vertical	Pass
6**	15545.362	44.77	0.66	54.0	9.23	AV	82.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1455.200	38.93	-17.05	74.0	35.07	Peak	306.00	300	Horizontal	Pass
1**	1455.200	29.49	-17.05	54.0	24.51	AV	306.00	300	Horizontal	Pass
2	4375.800	50.12	-2.96	74.0	23.88	Peak	291.00	300	Horizontal	Pass
2**	4375.800	41.19	-2.96	54.0	12.81	AV	291.00	300	Horizontal	Pass
3	5217.200	109.73	-2.50	--	--	Peak	1.00	200	Horizontal	N/A
3**	5217.200	102.04	-2.50	--	--	AV	1.00	200	Horizontal	N/A
4	7371.737	49.23	-3.87	74.0	24.77	Peak	28.00	300	Horizontal	Pass
4**	7371.737	40.67	-3.87	54.0	13.33	AV	28.00	300	Horizontal	Pass
5	10937.888	51.05	-0.04	74.0	22.95	Peak	12.00	150	Horizontal	Pass
5**	10937.888	41.80	-0.04	54.0	12.20	AV	12.00	150	Horizontal	Pass
6	15844.612	54.76	1.37	74.0	19.24	Peak	196.00	400	Horizontal	Pass
6**	15844.612	45.05	1.37	54.0	8.95	AV	196.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.500	38.60	-17.37	74.0	35.40	Peak	20.00	400	Vertical	Pass
1**	1516.500	29.31	-17.37	54.0	24.69	AV	20.00	400	Vertical	Pass
2	4364.600	50.17	-2.80	74.0	23.83	Peak	331.00	300	Vertical	Pass
2**	4364.600	41.61	-2.80	54.0	12.39	AV	331.00	300	Vertical	Pass
3	5221.800	103.46	-2.64	--	--	Peak	9.00	100	Vertical	N/A
3**	5221.800	96.02	-2.64	--	--	AV	9.00	100	Vertical	N/A
4	7668.725	49.19	-2.23	74.0	24.81	Peak	207.00	100	Vertical	Pass
4**	7668.725	39.32	-2.23	54.0	14.68	AV	207.00	100	Vertical	Pass
5	10919.775	51.18	0.24	74.0	22.82	Peak	77.00	200	Vertical	Pass
5**	10919.775	41.29	0.24	54.0	12.71	AV	77.00	200	Vertical	Pass
6	15666.113	54.97	1.36	74.0	19.03	Peak	65.00	400	Vertical	Pass
6**	15666.113	45.66	1.36	54.0	8.34	AV	65.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1613.500	38.18	-17.36	74.0	35.82	Peak	110.00	400	Horizontal	Pass
1**	1613.500	28.82	-17.36	54.0	25.18	AV	110.00	400	Horizontal	Pass
2	4294.600	50.01	-3.94	74.0	23.99	Peak	218.00	300	Horizontal	Pass
2**	4294.600	40.18	-3.94	54.0	13.82	AV	218.00	300	Horizontal	Pass
3	5242.400	108.60	-1.91	--	--	Peak	21.00	200	Horizontal	N/A
3**	5242.400	101.10	-1.91	--	--	AV	21.00	200	Horizontal	N/A
4	7372.888	48.91	-3.80	74.0	25.09	Peak	175.00	200	Horizontal	Pass
4**	7372.888	39.94	-3.80	54.0	14.06	AV	175.00	200	Horizontal	Pass
5	10942.200	51.60	-0.09	74.0	22.40	Peak	272.00	200	Horizontal	Pass
5**	10942.200	41.85	-0.09	54.0	12.15	AV	272.00	200	Horizontal	Pass
6	15721.238	55.38	0.48	74.0	18.62	Peak	65.00	200	Horizontal	Pass
6**	15721.238	45.00	0.48	54.0	9.00	AV	65.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.900	38.71	-17.18	74.0	35.29	Peak	111.00	200	Vertical	Pass
1**	1540.900	29.06	-17.18	54.0	24.94	AV	111.00	200	Vertical	Pass
2	4356.000	50.11	-2.49	74.0	23.89	Peak	161.00	200	Vertical	Pass
2**	4356.000	40.76	-2.49	54.0	13.24	AV	161.00	200	Vertical	Pass
3	5243.000	103.53	-1.89	--	--	Peak	6.00	100	Vertical	N/A
3**	5243.000	96.17	-1.89	--	--	AV	6.00	100	Vertical	N/A
4	7380.362	49.08	-3.61	74.0	24.92	Peak	360.00	400	Vertical	Pass
4**	7380.362	40.06	-3.61	54.0	13.94	AV	360.00	400	Vertical	Pass
5	10920.637	50.72	0.23	74.0	23.28	Peak	239.00	200	Vertical	Pass
5**	10920.637	42.10	0.23	54.0	11.90	AV	239.00	200	Vertical	Pass
6	15719.137	56.59	0.47	74.0	17.41	Peak	66.00	200	Vertical	Pass
6**	15719.137	46.60	0.47	54.0	7.40	AV	66.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.500	38.69	-17.24	74.0	35.31	Peak	249.00	200	Horizontal	Pass
1**	1467.500	29.38	-17.24	54.0	24.62	AV	249.00	200	Horizontal	Pass
2	4362.200	49.72	-2.63	74.0	24.28	Peak	124.00	300	Horizontal	Pass
2**	4362.200	40.46	-2.63	54.0	13.54	AV	124.00	300	Horizontal	Pass
3	5188.000	103.46	-1.64	--	--	Peak	62.00	150	Horizontal	N/A
3**	5188.000	95.63	-1.64	--	--	AV	62.00	150	Horizontal	N/A
4	7380.075	49.18	-3.60	74.0	24.82	Peak	62.00	200	Horizontal	Pass
4**	7380.075	40.20	-3.60	54.0	13.80	AV	62.00	200	Horizontal	Pass
5	10924.662	51.43	0.16	74.0	22.57	Peak	242.00	200	Horizontal	Pass
5**	10924.662	41.79	0.16	54.0	12.21	AV	242.00	200	Horizontal	Pass
6	15838.838	53.35	1.45	74.0	20.65	Peak	121.00	300	Horizontal	Pass
6**	15838.838	44.60	1.45	54.0	9.40	AV	121.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.700	39.26	-17.12	74.0	34.74	Peak	25.00	300	Vertical	Pass
1**	1456.700	30.14	-17.12	54.0	23.86	AV	25.00	300	Vertical	Pass
2	4386.600	50.07	-3.02	74.0	23.93	Peak	248.00	100	Vertical	Pass
2**	4386.600	40.74	-3.02	54.0	13.26	AV	248.00	100	Vertical	Pass
3	5202.000	98.42	-2.00	--	--	Peak	0.00	150	Vertical	N/A
3**	5202.000	91.23	-2.00	--	--	AV	0.00	150	Vertical	N/A
4	7608.637	49.50	-3.62	74.0	24.50	Peak	219.00	100	Vertical	Pass
4**	7608.637	38.70	-3.62	54.0	15.30	AV	219.00	100	Vertical	Pass
5	11217.912	50.96	-0.20	74.0	23.04	Peak	0.00	150	Vertical	Pass
5**	11217.912	41.97	-0.20	54.0	12.03	AV	0.00	150	Vertical	Pass
6	16196.625	52.92	1.59	74.0	21.08	Peak	264.00	300	Vertical	Pass
6**	16196.625	44.46	1.59	54.0	9.54	AV	264.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1588.900	38.74	-17.32	74.0	35.26	Peak	188.00	400	Horizontal	Pass
1**	1588.900	29.37	-17.32	54.0	24.63	AV	188.00	400	Horizontal	Pass
2	4375.800	49.51	-2.96	74.0	24.49	Peak	312.00	300	Horizontal	Pass
2**	4375.800	41.47	-2.96	54.0	12.53	AV	312.00	300	Horizontal	Pass
3	5225.400	103.60	-2.40	--	--	Peak	20.00	150	Horizontal	N/A
3**	5225.400	96.00	-2.40	--	--	AV	20.00	150	Horizontal	N/A
4	7373.175	50.60	-3.78	74.0	23.40	Peak	255.00	100	Horizontal	Pass
4**	7373.175	40.21	-3.78	54.0	13.79	AV	255.00	100	Horizontal	Pass
5	11223.375	51.28	-0.22	74.0	22.72	Peak	287.00	150	Horizontal	Pass
5**	11223.375	42.38	-0.22	54.0	11.62	AV	287.00	150	Horizontal	Pass
6	15823.875	53.36	1.69	74.0	20.64	Peak	50.00	200	Horizontal	Pass
6**	15823.875	44.09	1.69	54.0	9.91	AV	50.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.600	38.61	-17.27	74.0	35.39	Peak	225.00	200	Vertical	Pass
1**	1491.600	29.39	-17.27	54.0	24.61	AV	225.00	200	Vertical	Pass
2	4283.800	49.92	-3.10	74.0	24.08	Peak	85.00	400	Vertical	Pass
2**	4283.800	41.68	-3.10	54.0	12.32	AV	85.00	400	Vertical	Pass
3	5232.800	98.42	-2.10	--	--	Peak	2.00	150	Vertical	N/A
3**	5232.800	91.22	-2.10	--	--	AV	2.00	150	Vertical	N/A
4	7673.612	49.25	-2.47	74.0	24.75	Peak	241.00	400	Vertical	Pass
4**	7673.612	40.17	-2.47	54.0	13.83	AV	241.00	400	Vertical	Pass
5	11721.900	51.23	0.81	74.0	22.77	Peak	175.00	100	Vertical	Pass
5**	11721.900	41.62	0.81	54.0	12.38	AV	175.00	100	Vertical	Pass
6	15841.200	53.29	1.43	74.0	20.71	Peak	344.00	200	Vertical	Pass
6**	15841.200	45.08	1.43	54.0	8.92	AV	344.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.700	39.29	-17.05	74.0	34.71	Peak	101.00	400	Horizontal	Pass
1**	1552.700	29.00	-17.05	54.0	25.00	AV	101.00	400	Horizontal	Pass
2	4379.600	50.54	-3.01	74.0	23.46	Peak	24.00	200	Horizontal	Pass
2**	4379.600	40.98	-3.01	54.0	13.02	AV	24.00	200	Horizontal	Pass
3	5183.800	108.25	-1.63	--	--	Peak	0.00	200	Horizontal	N/A
3**	5183.800	100.87	-1.63	--	--	AV	0.00	200	Horizontal	N/A
4	7373.750	49.75	-3.75	74.0	24.25	Peak	239.00	200	Horizontal	Pass
4**	7373.750	41.25	-3.75	54.0	12.75	AV	239.00	200	Horizontal	Pass
5	10850.487	51.06	0.21	74.0	22.94	Peak	360.00	150	Horizontal	Pass
5**	10850.487	40.18	0.21	54.0	13.82	AV	360.00	150	Horizontal	Pass
6	15856.425	53.48	1.12	74.0	20.52	Peak	236.00	400	Horizontal	Pass
6**	15856.425	43.78	1.12	54.0	10.22	AV	236.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.700	38.70	-17.39	74.0	35.30	Peak	70.00	100	Vertical	Pass
1**	1508.700	28.97	-17.39	54.0	25.03	AV	70.00	100	Vertical	Pass
2	4376.600	49.95	-2.91	74.0	24.05	Peak	103.00	200	Vertical	Pass
2**	4376.600	41.02	-2.91	54.0	12.98	AV	103.00	200	Vertical	Pass
3	5184.800	103.49	-1.49	--	--	Peak	10.00	100	Vertical	N/A
3**	5184.800	96.18	-1.49	--	--	AV	10.00	100	Vertical	N/A
4	7372.025	49.19	-3.85	74.0	24.81	Peak	284.00	100	Vertical	Pass
4**	7372.025	40.00	-3.85	54.0	14.00	AV	284.00	100	Vertical	Pass
5	10937.312	51.56	-0.04	74.0	22.44	Peak	172.00	100	Vertical	Pass
5**	10937.312	42.07	-0.04	54.0	11.93	AV	172.00	100	Vertical	Pass
6	15529.612	54.52	1.13	74.0	19.48	Peak	68.00	100	Vertical	Pass
6**	15529.612	44.25	1.13	54.0	9.75	AV	68.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1601.800	39.13	-17.34	74.0	34.87	Peak	360.00	400	Horizontal	Pass
1**	1601.800	28.42	-17.34	54.0	25.58	AV	360.00	400	Horizontal	Pass
2	4362.400	49.82	-2.63	74.0	24.18	Peak	291.00	100	Horizontal	Pass
2**	4362.400	40.57	-2.63	54.0	13.43	AV	291.00	100	Horizontal	Pass
3	5215.600	108.78	-2.33	--	--	Peak	26.00	100	Horizontal	N/A
3**	5215.600	101.60	-2.33	--	--	AV	26.00	100	Horizontal	N/A
4	7371.737	48.69	-3.87	74.0	25.31	Peak	360.00	300	Horizontal	Pass
4**	7371.737	40.51	-3.87	54.0	13.49	AV	360.00	300	Horizontal	Pass
5	10928.975	51.54	0.10	74.0	22.46	Peak	315.00	200	Horizontal	Pass
5**	10928.975	42.42	0.10	54.0	11.58	AV	315.00	200	Horizontal	Pass
6	16198.200	53.78	1.59	74.0	20.22	Peak	18.00	200	Horizontal	Pass
6**	16198.200	43.89	1.59	54.0	10.11	AV	18.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.900	38.64	-17.34	74.0	35.36	Peak	171.00	100	Vertical	Pass
1**	1516.900	28.70	-17.34	54.0	25.30	AV	171.00	100	Vertical	Pass
2	4358.000	50.18	-2.61	74.0	23.82	Peak	38.00	100	Vertical	Pass
2**	4358.000	40.61	-2.61	54.0	13.39	AV	38.00	100	Vertical	Pass
3	5224.600	103.87	-2.56	--	--	Peak	0.00	100	Vertical	N/A
3**	5224.600	96.63	-2.56	--	--	AV	0.00	100	Vertical	N/A
4	7378.925	49.50	-3.66	74.0	24.50	Peak	279.00	200	Vertical	Pass
4**	7378.925	39.76	-3.66	54.0	14.24	AV	279.00	200	Vertical	Pass
5	11218.201	51.00	-0.20	74.0	23.00	Peak	342.00	150	Vertical	Pass
5**	11218.201	41.70	-0.20	54.0	12.30	AV	342.00	150	Vertical	Pass
6	15654.563	55.14	1.19	74.0	18.86	Peak	73.00	300	Vertical	Pass
6**	15654.563	45.72	1.19	54.0	8.28	AV	73.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.100	38.98	-17.13	74.0	35.02	Peak	193.00	100	Horizontal	Pass
1**	1555.100	29.75	-17.13	54.0	24.25	AV	193.00	100	Horizontal	Pass
2	4378.200	50.36	-2.90	74.0	23.64	Peak	303.00	300	Horizontal	Pass
2**	4378.200	40.95	-2.90	54.0	13.05	AV	303.00	300	Horizontal	Pass
3	5238.200	109.24	-1.86	--	--	Peak	25.00	200	Horizontal	N/A
3**	5238.200	102.30	-1.86	--	--	AV	25.00	200	Horizontal	N/A
4	7666.425	48.97	-2.40	74.0	25.03	Peak	59.00	100	Horizontal	Pass
4**	7666.425	40.55	-2.40	54.0	13.45	AV	59.00	100	Horizontal	Pass
5	12226.175	51.15	1.31	74.0	22.85	Peak	138.00	150	Horizontal	Pass
5**	12226.175	42.02	1.31	54.0	11.98	AV	138.00	150	Horizontal	Pass
6	15712.575	54.71	0.56	74.0	19.29	Peak	74.00	400	Horizontal	Pass
6**	15712.575	44.49	0.56	54.0	9.51	AV	74.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.300	38.17	-17.39	74.0	35.83	Peak	158.00	300	Vertical	Pass
1**	1605.300	29.07	-17.39	54.0	24.93	AV	158.00	300	Vertical	Pass
2	4381.200	50.21	-3.01	74.0	23.79	Peak	35.00	200	Vertical	Pass
2**	4381.200	41.20	-3.01	54.0	12.80	AV	35.00	200	Vertical	Pass
3	5237.800	103.93	-1.86	--	--	Peak	4.00	100	Vertical	N/A
3**	5237.800	97.17	-1.86	--	--	AV	4.00	100	Vertical	N/A
4	7456.263	48.67	-3.98	74.0	25.33	Peak	235.00	300	Vertical	Pass
4**	7456.263	39.19	-3.98	54.0	14.81	AV	235.00	300	Vertical	Pass
5	10930.413	50.92	0.08	74.0	23.08	Peak	28.00	150	Vertical	Pass
5**	10930.413	42.26	0.08	54.0	11.74	AV	28.00	150	Vertical	Pass
6	15723.338	57.89	0.53	74.0	16.11	Peak	70.00	300	Vertical	Pass
6**	15723.338	46.36	0.53	54.0	7.64	AV	70.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.500	38.96	-17.24	74.0	35.04	Peak	182.00	100	Horizontal	Pass
1**	1467.500	30.23	-17.24	54.0	23.77	AV	182.00	100	Horizontal	Pass
2	4379.400	50.10	-3.00	74.0	23.90	Peak	270.00	100	Horizontal	Pass
2**	4379.400	40.74	-3.00	54.0	13.26	AV	270.00	100	Horizontal	Pass
3	5199.600	105.94	-1.95	--	--	Peak	22.00	150	Horizontal	N/A
3**	5199.600	98.41	-1.95	--	--	AV	22.00	150	Horizontal	N/A
4	7369.725	48.80	-4.08	74.0	25.20	Peak	360.00	200	Horizontal	Pass
4**	7369.725	40.30	-4.08	54.0	13.70	AV	360.00	200	Horizontal	Pass
5	12221.000	51.11	1.24	74.0	22.89	Peak	79.00	200	Horizontal	Pass
5**	12221.000	41.71	1.24	54.0	12.29	AV	79.00	200	Horizontal	Pass
6	16001.325	53.58	0.29	74.0	20.42	Peak	43.00	200	Horizontal	Pass
6**	16001.325	43.07	0.29	54.0	10.93	AV	43.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.100	39.03	-17.03	74.0	34.97	Peak	68.00	200	Vertical	Pass
1**	1545.100	29.35	-17.03	54.0	24.65	AV	68.00	200	Vertical	Pass
2	4373.000	50.23	-3.19	74.0	23.77	Peak	46.00	200	Vertical	Pass
2**	4373.000	41.06	-3.19	54.0	12.94	AV	46.00	200	Vertical	Pass
3	5194.800	100.74	-2.18	--	--	Peak	0.00	200	Vertical	N/A
3**	5194.800	92.77	-2.18	--	--	AV	0.00	200	Vertical	N/A
4	7365.700	49.01	-4.02	74.0	24.99	Peak	92.00	400	Vertical	Pass
4**	7365.700	41.13	-4.02	54.0	12.87	AV	92.00	400	Vertical	Pass
5	11716.150	51.44	0.76	74.0	22.56	Peak	346.00	200	Vertical	Pass
5**	11716.150	41.69	0.76	54.0	12.31	AV	346.00	200	Vertical	Pass
6	16090.313	54.23	1.43	74.0	19.77	Peak	107.00	200	Vertical	Pass
6**	16090.313	44.04	1.43	54.0	9.96	AV	107.00	200	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1561.800	38.18	-17.42	74.0	35.82	Peak	196.00	400	Horizontal	Pass
1**	1561.800	28.51	-17.42	54.0	25.49	AV	196.00	400	Horizontal	Pass
2	4360.600	50.11	-2.64	74.0	23.89	Peak	283.00	100	Horizontal	Pass
2**	4360.600	41.78	-2.64	54.0	12.22	AV	283.00	100	Horizontal	Pass
3	5236.600	105.45	-1.87	--	--	Peak	22.00	100	Horizontal	N/A
3**	5236.600	98.26	-1.87	--	--	AV	22.00	100	Horizontal	N/A
4	7378.638	49.16	-3.68	74.0	24.84	Peak	45.00	400	Horizontal	Pass
4**	7378.638	40.66	-3.68	54.0	13.34	AV	45.00	400	Horizontal	Pass
5	10903.099	50.90	0.16	74.0	23.10	Peak	360.00	100	Horizontal	Pass
5**	10903.099	42.07	0.16	54.0	11.93	AV	360.00	100	Horizontal	Pass
6	16119.713	54.10	0.62	74.0	19.90	Peak	5.00	400	Horizontal	Pass
6**	16119.713	43.65	0.62	54.0	10.35	AV	5.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.900	38.83	-17.28	74.0	35.17	Peak	298.00	200	Vertical	Pass
1**	1502.900	29.20	-17.28	54.0	24.80	AV	298.00	200	Vertical	Pass
2	4283.000	50.24	-3.32	74.0	23.76	Peak	193.00	100	Vertical	Pass
2**	4283.000	40.36	-3.32	54.0	13.64	AV	193.00	100	Vertical	Pass
3	5241.400	101.06	-1.93	--	--	Peak	17.00	200	Vertical	N/A
3**	5241.400	92.95	-1.93	--	--	AV	17.00	200	Vertical	N/A
4	7343.275	49.00	-3.59	74.0	25.00	Peak	126.00	200	Vertical	Pass
4**	7343.275	39.85	-3.59	54.0	14.15	AV	126.00	200	Vertical	Pass
5	10946.224	51.10	-0.16	74.0	22.90	Peak	360.00	100	Vertical	Pass
5**	10946.224	43.57	-0.16	54.0	10.43	AV	360.00	100	Vertical	Pass
6	15840.938	53.84	1.43	74.0	20.16	Peak	250.00	300	Vertical	Pass
6**	15840.938	44.41	1.43	54.0	9.59	AV	250.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.600	38.87	-17.44	74.0	35.13	Peak	111.00	300	Horizontal	Pass
1**	1471.600	29.52	-17.44	54.0	24.48	AV	111.00	300	Horizontal	Pass
2	4356.400	49.97	-2.36	74.0	24.03	Peak	311.00	400	Horizontal	Pass
2**	4356.400	41.20	-2.36	54.0	12.80	AV	311.00	400	Horizontal	Pass
3	5201.600	96.13	-1.99	--	--	Peak	17.00	200	Horizontal	N/A
3**	5201.600	89.53	-1.99	--	--	AV	17.00	200	Horizontal	N/A
4	7378.638	50.55	-3.68	74.0	23.45	Peak	314.00	300	Horizontal	Pass
4**	7378.638	39.87	-3.68	54.0	14.13	AV	314.00	300	Horizontal	Pass
5	10821.450	51.75	0.19	74.0	22.25	Peak	118.00	150	Horizontal	Pass
5**	10821.450	40.86	0.19	54.0	13.14	AV	118.00	150	Horizontal	Pass
6	15832.275	53.37	1.48	74.0	20.63	Peak	204.00	300	Horizontal	Pass
6**	15832.275	44.36	1.48	54.0	9.64	AV	204.00	300	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.900	38.81	-17.20	74.0	35.19	Peak	346.00	400	Vertical	Pass
1**	1526.900	29.78	-17.20	54.0	24.22	AV	346.00	400	Vertical	Pass
2	4355.600	49.92	-2.62	74.0	24.08	Peak	18.00	100	Vertical	Pass
2**	4355.600	41.36	-2.62	54.0	12.64	AV	18.00	100	Vertical	Pass
3	5188.000	90.39	-1.64	--	--	Peak	6.00	100	Vertical	N/A
3**	5188.000	83.11	-1.64	--	--	AV	6.00	100	Vertical	N/A
4	7368.862	48.64	-4.07	74.0	25.36	Peak	232.00	100	Vertical	Pass
4**	7368.862	40.63	-4.07	54.0	13.37	AV	232.00	100	Vertical	Pass
5	10928.975	50.76	0.10	74.0	23.24	Peak	296.00	100	Vertical	Pass
5**	10928.975	42.21	0.10	54.0	11.79	AV	296.00	100	Vertical	Pass
6	16090.575	53.95	1.42	74.0	20.05	Peak	151.00	400	Vertical	Pass
6**	16090.575	44.48	1.42	54.0	9.52	AV	151.00	400	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.700	38.64	-17.05	74.0	35.36	Peak	275.00	400	Horizontal	Pass
1**	1525.700	29.29	-17.05	54.0	24.71	AV	275.00	400	Horizontal	Pass
2	4367.600	49.98	-2.94	74.0	24.02	Peak	92.00	300	Horizontal	Pass
2**	4367.600	40.93	-2.94	54.0	13.07	AV	92.00	300	Horizontal	Pass
3	5257.400	108.83	-1.80	--	--	Peak	27.00	100	Horizontal	N/A
3**	5257.400	101.43	-1.80	--	--	AV	27.00	100	Horizontal	N/A
4	7373.175	49.12	-3.78	74.0	24.88	Peak	60.00	300	Horizontal	Pass
4**	7373.175	40.40	-3.78	54.0	13.60	AV	60.00	300	Horizontal	Pass
5	10942.200	51.06	-0.09	74.0	22.94	Peak	111.00	200	Horizontal	Pass
5**	10942.200	42.57	-0.09	54.0	11.43	AV	111.00	200	Horizontal	Pass
6	15790.276	53.79	2.02	74.0	20.21	Peak	60.00	100	Horizontal	Pass
6**	15790.276	44.47	2.02	54.0	9.53	AV	60.00	100	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)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.300	38.64	-17.22	74.0	35.36	Peak	281.00	200	Vertical	Pass
1**	1492.300	28.95	-17.22	54.0	25.05	AV	281.00	200	Vertical	Pass
2	4355.800	50.76	-2.56	74.0	23.24	Peak	321.00	100	Vertical	Pass
2**	4355.800	40.57	-2.56	54.0	13.43	AV	321.00	100	Vertical	Pass
3	5263.600	103.87	-2.29	--	--	Peak	321.00	100	Vertical	N/A
3**	5263.600	96.91	-2.29	--	--	AV	321.00	100	Vertical	N/A
4	7355.925	48.67	-4.08	74.0	25.33	Peak	61.00	300	Vertical	Pass
4**	7355.925	39.83	-4.08	54.0	14.17	AV	61.00	300	Vertical	Pass
5	12214.674	51.19	1.17	74.0	22.81	Peak	28.00	150	Vertical	Pass
5**	12214.674	41.83	1.17	54.0	12.17	AV	28.00	150	Vertical	Pass
6	15784.762	56.17	1.79	74.0	17.83	Peak	68.00	200	Vertical	Pass
6**	15784.762	46.64	1.79	54.0	7.36	AV	68.00	200	Vertical	Pass