

TEST REPORT

Applicant: UCLOUDLINK (SINGAPORE) PTE. LTD
Address: 80 ROBINSON ROAD #02-00, SINGAPORE
Equipment Type: 4G LTE Wireless Router
Model Name: GLMR23A01
Brand Name: GlocalMe
FCC ID: 2BB6E-GLMR23A01
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Jul. 14, 2023
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Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Sep. 15, 2023</u>	<u>Initial Issue</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	U-CLOUDLINK (SINGAPORE) PTE. LTD
Address	80 ROBINSON ROAD #02-00, SINGAPORE

2.2 Manufacturer Information

Manufacturer	U-CLOUDLINK (SINGAPORE) PTE. LTD
Address	80 ROBINSON ROAD #02-00, SINGAPORE

2.3 General Description for Equipment under Test (EUT)

EUT Name	4G LTE Wireless Router
Model Name Under Test	GLMR23A01
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/13/14/25/26/30/66/71 LTE TDD Band 41/48 LTE CA Uplink(UL): CA_5B, CA_7C, CA_41C WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac U-NII-1/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☒ Mobile ☐ Portable ☐ Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Product Type	Mobile for FCC standard	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 54.65 mW U-NII-3: 55.31 mW	
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: 0.82 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.87 dBi
	Aux. Antenna	U-NII-1: 5150 MHz to 5250 MHz: 0.25 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.94 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 3.55 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.43 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 0.54 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.44 dBi

		Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$ dBi
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: 3.55 dBi U-NII-3: 5725 MHz to 5850 MHz: 5.43 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: 0.54 dBi U-NII-3: 5725 MHz to 5850 MHz: 2.44 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/NANT]$ dBi
About the Product		The equipment is 4G LTE Wireless Router, 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.			

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	155	5775
44	5220	151	5755		
48	5240	159	5795		
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

For 802.11ac(VHT80)

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	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	51% to 66%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.0°C to +26.4°C
	LT (Low Temperature)	0.0°C
	HT (High Temperature)	+40.0°C
Working Voltage of the EUT	NV (Normal Voltage)	12.0 V
	LV (Low Voltage)	10.8 V
	HV (High Voltage)	13.2 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2022.07.28	2023.07.27
				2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2022.09.06	2023.09.05
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	02460	2021.05.19	2024.05.08
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2022.09.09	2023.09.08
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2022.09.08	2023.09.07
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2022.09.09	2023.09.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2020.09.08	2023.09.07
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2020.09.08	2023.09.07
Amplifier	COM-MV	KA_LNA18-40G-01	18050001	2020.09.08	2023.09.07

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Amplifier	COM-MV	ZT30-1000M	B2017119082	2022.12.07	2023.12.06

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

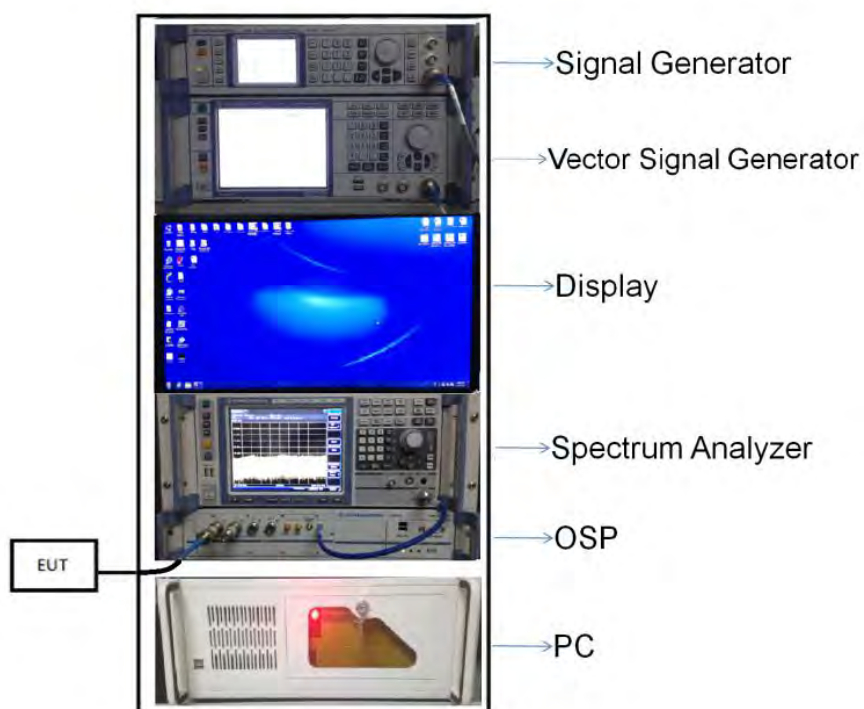
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

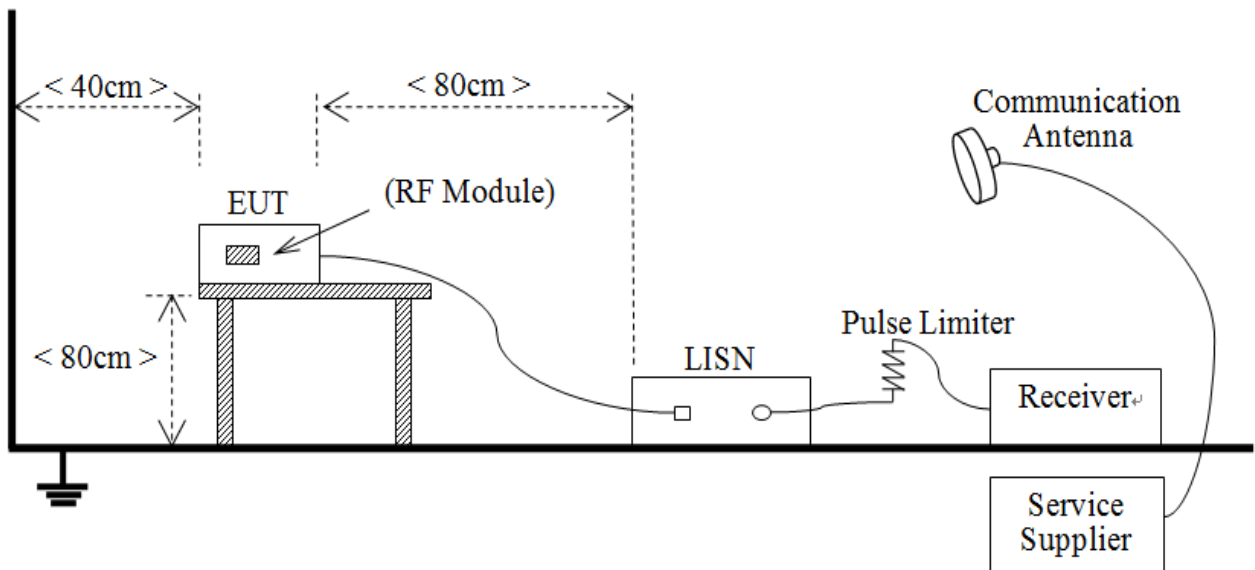
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



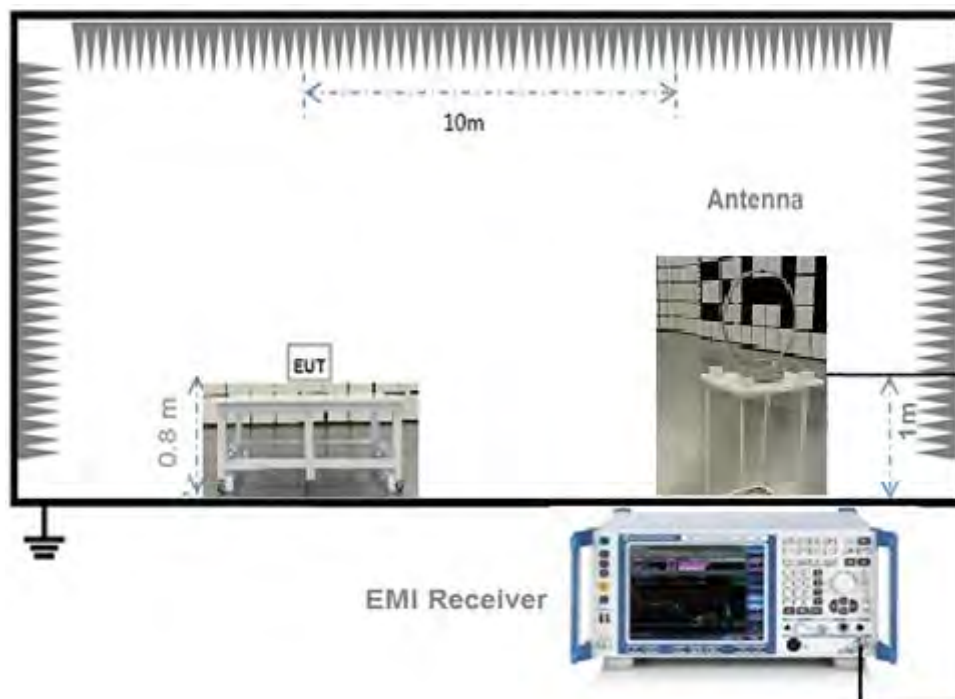
(Diagram 1)

4.5.2 For AC Power Supply Port Test



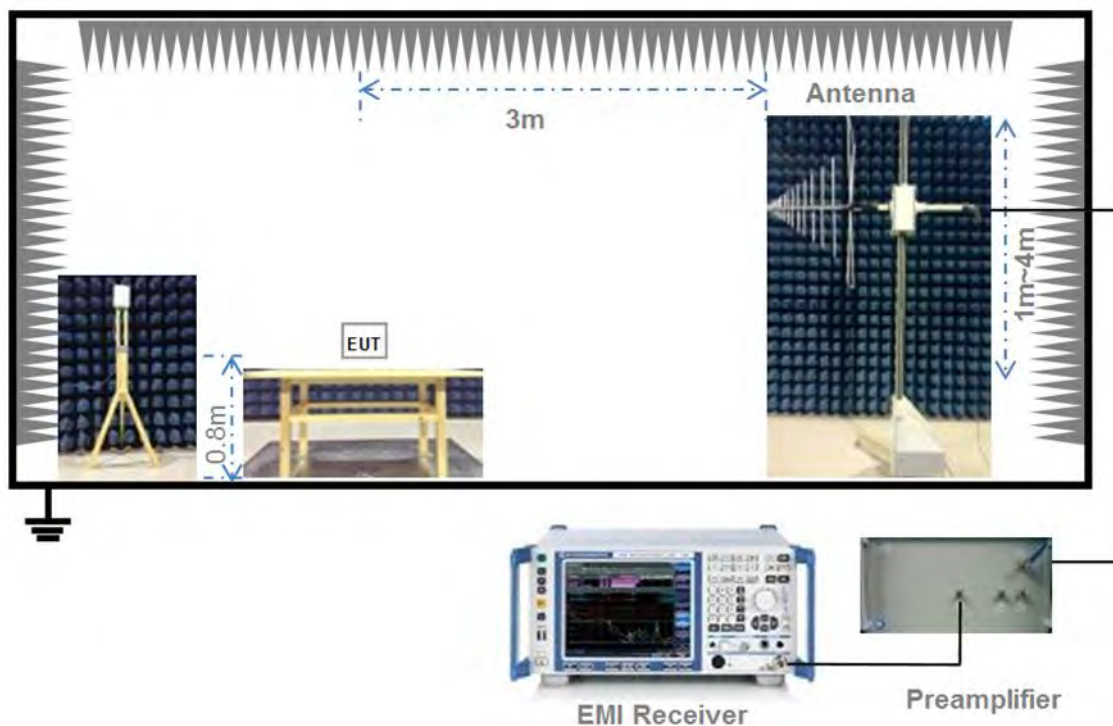
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



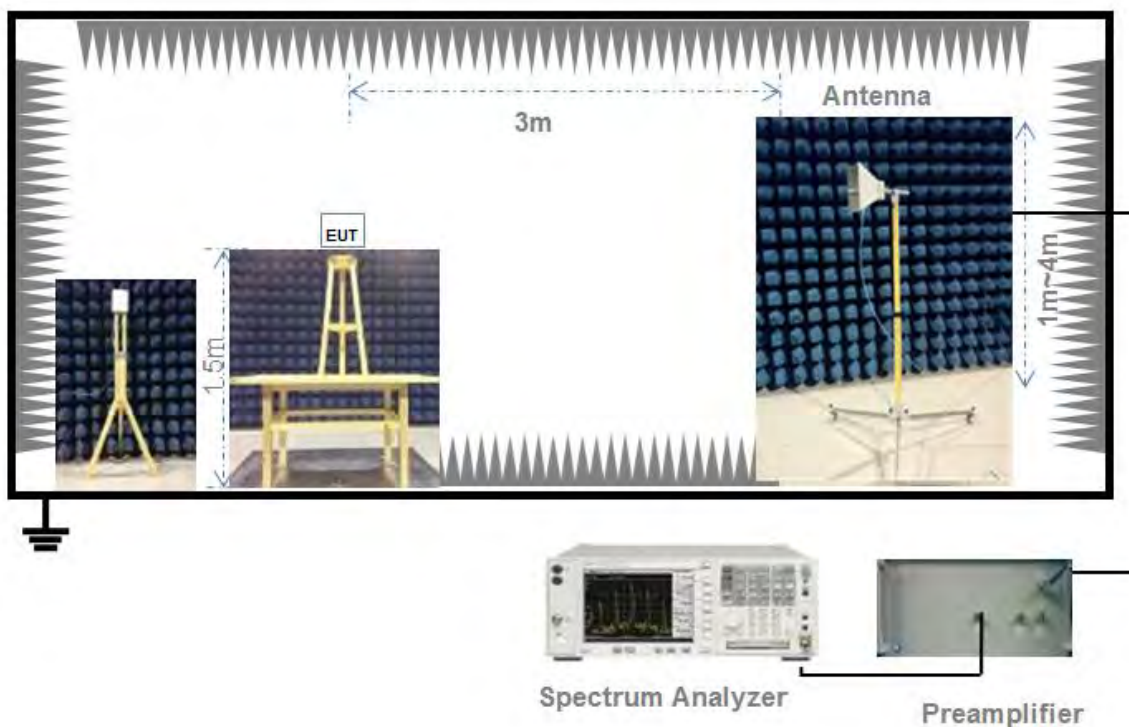
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- 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).
- 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).
- 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).
- 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	1.36	1.46	93.34%
11n (HT20)/11ac (VHT20)	0.68	0.74	91.62%
11n (HT40)/11ac (VHT40)	0.35	0.41	85.32%
11ac (VHT80)	0.19	0.25	75.77%

Test DataConducted PowerMain Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.99	25.06	1000	Pass
11a	CH44	14.20	26.30	1000	Pass
11a	CH48	12.58	18.11	1000	Pass
11n (HT20)	CH36	13.15	20.65	1000	Pass
11n (HT20)	CH44	12.89	19.45	1000	Pass
11n (HT20)	CH48	13.74	23.66	1000	Pass
11n (HT40)	CH38	13.23	21.04	1000	Pass
11n (HT40)	CH46	12.56	18.03	1000	Pass
11ac (VHT20)	CH36	13.02	20.04	1000	Pass
11ac (VHT20)	CH44	12.85	19.28	1000	Pass
11ac (VHT20)	CH48	12.11	16.26	1000	Pass
11ac (VHT40)	CH38	13.34	21.58	1000	Pass
11ac (VHT40)	CH46	13.48	22.28	1000	Pass
11ac (VHT80)	CH42	13.23	21.04	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.95	24.83	1000	Pass
11a	CH157	14.37	27.35	1000	Pass
11a	CH165	11.98	15.78	1000	Pass
11n (HT20)	CH149	12.64	18.37	1000	Pass
11n (HT20)	CH157	12.44	17.54	1000	Pass
11n (HT20)	CH165	12.37	17.26	1000	Pass
11n (HT40)	CH151	12.50	17.78	1000	Pass
11n (HT40)	CH159	12.66	18.45	1000	Pass
11ac (VHT20)	CH149	12.55	17.99	1000	Pass
11ac (VHT20)	CH157	12.44	17.54	1000	Pass
11ac (VHT20)	CH165	12.11	16.26	1000	Pass
11ac (VHT40)	CH151	13.24	21.09	1000	Pass
11ac (VHT40)	CH159	12.44	17.54	1000	Pass
11ac (VHT80)	CH155	13.36	21.68	1000	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.09	25.64	1000	Pass
11a	CH44	14.16	26.06	1000	Pass
11a	CH48	13.96	24.89	1000	Pass
11n (HT20)	CH36	12.89	19.45	1000	Pass
11n (HT20)	CH44	12.89	19.45	1000	Pass
11n (HT20)	CH48	12.91	19.54	1000	Pass
11n (HT40)	CH38	12.53	17.91	1000	Pass
11n (HT40)	CH46	12.56	18.03	1000	Pass
11ac (VHT20)	CH36	13.19	20.84	1000	Pass
11ac (VHT20)	CH44	13.01	20.00	1000	Pass
11ac (VHT20)	CH48	13.72	23.55	1000	Pass
11ac (VHT40)	CH38	12.51	17.82	1000	Pass
11ac (VHT40)	CH46	12.84	19.23	1000	Pass
11ac (VHT80)	CH42	13.13	20.56	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.12	25.82	1000	Pass
11a	CH157	13.77	23.82	1000	Pass
11a	CH165	13.03	20.09	1000	Pass
11n (HT20)	CH149	12.94	19.68	1000	Pass
11n (HT20)	CH157	12.42	17.46	1000	Pass
11n (HT20)	CH165	11.95	15.67	1000	Pass
11n (HT40)	CH151	12.56	18.03	1000	Pass
11n (HT40)	CH159	12.00	15.85	1000	Pass
11ac (VHT20)	CH149	13.17	20.75	1000	Pass
11ac (VHT20)	CH157	13.20	20.89	1000	Pass
11ac (VHT20)	CH165	12.64	18.37	1000	Pass
11ac (VHT40)	CH151	12.73	18.75	1000	Pass
11ac (VHT40)	CH159	12.34	17.14	1000	Pass
11ac (VHT80)	CH155	12.33	17.10	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	13.87	24.38	1000	Pass
11a	CH44	14.31	26.98	1000	Pass
11a	CH48	13.83	24.15	1000	Pass
11n (HT20)	CH36	12.89	19.45	1000	Pass
11n (HT20)	CH44	12.71	18.66	1000	Pass
11n (HT20)	CH48	13.62	23.01	1000	Pass
11n (HT40)	CH38	12.78	18.97	1000	Pass
11n (HT40)	CH46	12.67	18.49	1000	Pass
11ac (VHT20)	CH36	12.90	19.50	1000	Pass
11ac (VHT20)	CH44	12.59	18.16	1000	Pass
11ac (VHT20)	CH48	12.42	17.46	1000	Pass
11ac (VHT40)	CH38	12.89	19.45	1000	Pass
11ac (VHT40)	CH46	13.25	21.13	1000	Pass
11ac (VHT80)	CH42	13.14	20.61	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.26	26.67	1000	Pass
11a	CH157	13.92	24.66	1000	Pass
11a	CH165	12.32	17.06	1000	Pass
11n (HT20)	CH149	12.75	18.84	1000	Pass
11n (HT20)	CH157	12.26	16.83	1000	Pass
11n (HT20)	CH165	11.96	15.70	1000	Pass
11n (HT40)	CH151	12.91	19.54	1000	Pass
11n (HT40)	CH159	12.04	16.00	1000	Pass
11ac (VHT20)	CH149	12.95	19.72	1000	Pass
11ac (VHT20)	CH157	12.78	18.97	1000	Pass
11ac (VHT20)	CH165	12.45	17.58	1000	Pass
11ac (VHT40)	CH151	12.62	18.28	1000	Pass
11ac (VHT40)	CH159	12.26	16.83	1000	Pass
11ac (VHT80)	CH155	13.13	20.56	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	14.21	26.36	1000	Pass
11a	CH44	14.42	27.67	1000	Pass
11a	CH48	13.65	23.17	1000	Pass
11n (HT20)	CH36	13.34	21.58	1000	Pass
11n (HT20)	CH44	13.12	20.51	1000	Pass
11n (HT20)	CH48	13.00	19.95	1000	Pass
11n (HT40)	CH38	12.22	16.67	1000	Pass
11n (HT40)	CH46	13.01	20.00	1000	Pass
11ac (VHT20)	CH36	13.31	21.43	1000	Pass
11ac (VHT20)	CH44	12.90	19.50	1000	Pass
11ac (VHT20)	CH48	11.97	15.74	1000	Pass
11ac (VHT40)	CH38	12.77	18.92	1000	Pass
11ac (VHT40)	CH46	13.02	20.04	1000	Pass
11ac (VHT80)	CH42	13.25	21.13	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.57	28.64	1000	Pass
11a	CH157	13.66	23.23	1000	Pass
11a	CH165	13.15	20.65	1000	Pass
11n (HT20)	CH149	12.63	18.32	1000	Pass
11n (HT20)	CH157	12.08	16.14	1000	Pass
11n (HT20)	CH165	12.07	16.11	1000	Pass
11n (HT40)	CH151	12.82	19.14	1000	Pass
11n (HT40)	CH159	11.59	14.42	1000	Pass
11ac (VHT20)	CH149	12.83	19.19	1000	Pass
11ac (VHT20)	CH157	13.09	20.37	1000	Pass
11ac (VHT20)	CH165	12.19	16.56	1000	Pass
11ac (VHT40)	CH151	12.39	17.34	1000	Pass
11ac (VHT40)	CH159	12.60	18.20	1000	Pass
11ac (VHT80)	CH155	12.51	17.82	1000	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	17.05	50.74	1000	Pass
11a	CH44	17.38	54.65	1000	Pass
11a	CH48	16.75	47.33	1000	Pass
11n (HT20)	CH36	16.13	41.03	1000	Pass
11n (HT20)	CH44	15.93	39.18	1000	Pass
11n (HT20)	CH48	16.33	42.97	1000	Pass
11n (HT40)	CH38	15.52	35.64	1000	Pass
11n (HT40)	CH46	15.85	38.49	1000	Pass
11ac (VHT20)	CH36	16.12	40.93	1000	Pass
11ac (VHT20)	CH44	15.76	37.65	1000	Pass
11ac (VHT20)	CH48	15.21	33.20	1000	Pass
11ac (VHT40)	CH38	15.84	38.38	1000	Pass
11ac (VHT40)	CH46	16.15	41.18	1000	Pass
11ac (VHT80)	CH42	16.21	41.74	1000	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.43	55.31	1000	Pass
11a	CH157	16.80	47.89	1000	Pass
11a	CH165	15.77	37.71	1000	Pass
11n (HT20)	CH149	15.70	37.16	1000	Pass
11n (HT20)	CH157	15.18	32.97	1000	Pass
11n (HT20)	CH165	15.03	31.81	1000	Pass
11n (HT40)	CH151	15.88	38.69	1000	Pass
11n (HT40)	CH159	14.83	30.42	1000	Pass
11ac (VHT20)	CH149	15.90	38.91	1000	Pass
11ac (VHT20)	CH157	15.95	39.34	1000	Pass
11ac (VHT20)	CH165	15.33	34.14	1000	Pass
11ac (VHT40)	CH151	15.52	35.62	1000	Pass
11ac (VHT40)	CH159	15.44	35.02	1000	Pass
11ac (VHT80)	CH155	15.84	38.38	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2370759-602 Data Part 1.pdf".

Test Data

Main Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.07	16.48
11a	CH44	20.05	16.45
11a	CH48	19.99	16.47
11n (HT20)	CH36	20.26	17.59
11n (HT20)	CH44	20.21	17.57
11n (HT20)	CH48	20.26	17.58
11n (HT40)	CH38	40.75	36.08
11n (HT40)	CH46	40.48	36.06
11ac (VHT20)	CH36	20.20	17.58
11ac (VHT20)	CH44	20.31	17.57
11ac (VHT20)	CH48	20.22	17.56
11ac (VHT40)	CH38	40.64	36.09
11ac (VHT40)	CH46	40.70	36.07
11ac (VHT80)	CH42	81.31	75.51

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.04	16.48
11a	CH157	20.01	16.48
11a	CH165	19.99	16.50
11n (HT20)	CH149	20.24	17.56
11n (HT20)	CH157	20.36	17.59
11n (HT20)	CH165	20.31	17.58
11n (HT40)	CH151	40.69	36.09
11n (HT40)	CH159	40.64	36.14
11ac (VHT20)	CH149	20.29	17.57
11ac (VHT20)	CH157	20.32	17.61
11ac (VHT20)	CH165	20.32	17.58
11ac (VHT40)	CH151	40.57	36.07
11ac (VHT40)	CH159	40.68	36.10
11ac (VHT80)	CH155	81.25	75.59

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.04	16.45
11a	CH44	19.97	16.46
11a	CH48	20.05	16.49
11n (HT20)	CH36	20.31	17.56
11n (HT20)	CH44	20.35	17.56
11n (HT20)	CH48	20.27	17.57
11n (HT40)	CH38	40.65	36.03
11n (HT40)	CH46	40.65	36.08
11ac (VHT20)	CH36	20.04	17.56
11ac (VHT20)	CH44	20.12	17.56
11ac (VHT20)	CH48	20.09	17.55
11ac (VHT40)	CH38	40.10	35.92
11ac (VHT40)	CH46	40.09	35.92
11ac (VHT80)	CH42	80.64	75.22

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.99	16.48
11a	CH157	19.93	16.45
11a	CH165	19.99	16.51
11n (HT20)	CH149	20.36	17.58
11n (HT20)	CH157	20.22	17.56
11n (HT20)	CH165	20.25	17.56
11n (HT40)	CH151	40.57	36.08
11n (HT40)	CH159	40.71	36.09
11ac (VHT20)	CH149	20.05	17.58
11ac (VHT20)	CH157	20.09	17.57
11ac (VHT20)	CH165	20.23	17.60
11ac (VHT40)	CH151	40.02	36.00
11ac (VHT40)	CH159	40.27	35.98
11ac (VHT80)	CH155	80.53	75.25

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2370759-602 Data Part 2.pdf".

Test Data

Main Antenna

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	15.20	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	15.20	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

Aux. 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	15.20	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n (HT20)	CH149	15.20	500.00	Pass
11n (HT20)	CH157	15.40	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	15.20	500.00	Pass
11ac (VHT20)	CH165	15.80	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-SZ2370759-602 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	2.23	17.00	Pass
11a	CH44	2.19	17.00	Pass
11a	CH48	2.21	17.00	Pass
11n (HT20)	CH36	0.33	17.00	Pass
11n (HT20)	CH44	0.44	17.00	Pass
11n (HT20)	CH48	1.01	17.00	Pass
11n (HT40)	CH38	-2.91	17.00	Pass
11n (HT40)	CH46	-2.69	17.00	Pass
11ac (VHT20)	CH36	0.48	17.00	Pass
11ac (VHT20)	CH44	0.81	17.00	Pass
11ac (VHT20)	CH48	0.80	17.00	Pass
11ac (VHT40)	CH38	-2.90	17.00	Pass
11ac (VHT40)	CH46	-2.88	17.00	Pass
11ac (VHT80)	CH42	-5.67	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.29	30.00	Pass
11a	CH157	-0.61	30.00	Pass
11a	CH165	-0.63	30.00	Pass
11n (HT20)	CH149	-1.92	30.00	Pass
11n (HT20)	CH157	-1.89	30.00	Pass
11n (HT20)	CH165	-2.25	30.00	Pass
11n (HT40)	CH151	-5.02	30.00	Pass
11n (HT40)	CH159	-5.25	30.00	Pass
11ac (VHT20)	CH149	-1.49	30.00	Pass
11ac (VHT20)	CH157	-2.03	30.00	Pass
11ac (VHT20)	CH165	-2.12	30.00	Pass
11ac (VHT40)	CH151	-5.49	30.00	Pass
11ac (VHT40)	CH159	-5.95	30.00	Pass
11ac (VHT80)	CH155	-8.25	30.00	Pass

Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	3.61	17.00	Pass
11a	CH44	3.25	17.00	Pass
11a	CH48	3.13	17.00	Pass
11n (HT20)	CH36	3.10	17.00	Pass
11n (HT20)	CH44	2.39	17.00	Pass
11n (HT20)	CH48	2.27	17.00	Pass
11n (HT40)	CH38	-0.59	17.00	Pass
11n (HT40)	CH46	-1.30	17.00	Pass
11ac (VHT20)	CH36	2.79	17.00	Pass
11ac (VHT20)	CH44	2.58	17.00	Pass
11ac (VHT20)	CH48	2.49	17.00	Pass
11ac (VHT40)	CH38	-1.10	17.00	Pass
11ac (VHT40)	CH46	-1.36	17.00	Pass
11ac (VHT80)	CH42	-3.69	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.59	30.00	Pass
11a	CH157	0.20	30.00	Pass
11a	CH165	-0.05	30.00	Pass
11n (HT20)	CH149	-1.09	30.00	Pass
11n (HT20)	CH157	-0.99	30.00	Pass
11n (HT20)	CH165	-1.30	30.00	Pass
11n (HT40)	CH151	-4.70	30.00	Pass
11n (HT40)	CH159	-4.74	30.00	Pass
11ac (VHT20)	CH149	-0.63	30.00	Pass
11ac (VHT20)	CH157	-1.06	30.00	Pass
11ac (VHT20)	CH165	-1.41	30.00	Pass
11ac (VHT40)	CH151	-4.67	30.00	Pass
11ac (VHT40)	CH159	-5.00	30.00	Pass
11ac (VHT80)	CH155	-7.47	30.00	Pass

MIMO-Main Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	2.59	17.00	Pass
11a	CH44	2.45	17.00	Pass
11a	CH48	2.50	17.00	Pass
11n (HT20)	CH36	0.82	17.00	Pass
11n (HT20)	CH44	0.75	17.00	Pass
11n (HT20)	CH48	0.87	17.00	Pass
11n (HT40)	CH38	-2.81	17.00	Pass
11n (HT40)	CH46	-3.00	17.00	Pass
11ac (VHT20)	CH36	0.39	17.00	Pass
11ac (VHT20)	CH44	0.31	17.00	Pass
11ac (VHT20)	CH48	0.73	17.00	Pass
11ac (VHT40)	CH38	-3.07	17.00	Pass
11ac (VHT40)	CH46	-3.06	17.00	Pass
11ac (VHT80)	CH42	-5.49	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.30	30.00	Pass
11a	CH157	-0.24	30.00	Pass
11a	CH165	-0.41	30.00	Pass
11n (HT20)	CH149	-1.52	30.00	Pass
11n (HT20)	CH157	-1.95	30.00	Pass
11n (HT20)	CH165	-2.10	30.00	Pass
11n (HT40)	CH151	-4.77	30.00	Pass
11n (HT40)	CH159	-5.47	30.00	Pass
11ac (VHT20)	CH149	-1.73	30.00	Pass
11ac (VHT20)	CH157	-2.28	30.00	Pass
11ac (VHT20)	CH165	-2.22	30.00	Pass
11ac (VHT40)	CH151	-5.34	30.00	Pass
11ac (VHT40)	CH159	-6.56	30.00	Pass
11ac (VHT80)	CH155	-8.49	30.00	Pass

MIMO-Aux. Antenna

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.20	17.00	Pass
11a	CH44	3.92	17.00	Pass
11a	CH48	3.80	17.00	Pass
11n (HT20)	CH36	2.69	17.00	Pass
11n (HT20)	CH44	2.48	17.00	Pass
11n (HT20)	CH48	2.53	17.00	Pass
11n (HT40)	CH38	-0.99	17.00	Pass
11n (HT40)	CH46	-1.06	17.00	Pass
11ac (VHT20)	CH36	2.64	17.00	Pass
11ac (VHT20)	CH44	2.39	17.00	Pass
11ac (VHT20)	CH48	2.32	17.00	Pass
11ac (VHT40)	CH38	-1.03	17.00	Pass
11ac (VHT40)	CH46	-1.34	17.00	Pass
11ac (VHT80)	CH42	-3.87	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	0.66	30.00	Pass
11a	CH157	0.21	30.00	Pass
11a	CH165	-0.15	30.00	Pass
11n (HT20)	CH149	-0.77	30.00	Pass
11n (HT20)	CH157	-1.17	30.00	Pass
11n (HT20)	CH165	-1.37	30.00	Pass
11n (HT40)	CH151	-4.45	30.00	Pass
11n (HT40)	CH159	-4.84	30.00	Pass
11ac (VHT20)	CH149	-0.75	30.00	Pass
11ac (VHT20)	CH157	-1.32	30.00	Pass
11ac (VHT20)	CH165	-1.54	30.00	Pass
11ac (VHT40)	CH151	-4.33	30.00	Pass
11ac (VHT40)	CH159	-4.92	30.00	Pass
11ac (VHT80)	CH155	-7.28	30.00	Pass

MIMO

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.48	17.00	Pass
11a	CH44	6.26	17.00	Pass
11a	CH48	6.21	17.00	Pass
11n (HT20)	CH36	4.87	17.00	Pass
11n (HT20)	CH44	4.71	17.00	Pass
11n (HT20)	CH48	4.79	17.00	Pass
11n (HT40)	CH38	1.21	17.00	Pass
11n (HT40)	CH46	1.09	17.00	Pass
11ac (VHT20)	CH36	4.67	17.00	Pass
11ac (VHT20)	CH44	4.48	17.00	Pass
11ac (VHT20)	CH48	4.60	17.00	Pass
11ac (VHT40)	CH38	1.08	17.00	Pass
11ac (VHT40)	CH46	0.90	17.00	Pass
11ac (VHT80)	CH42	-1.59	17.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.49	30.00	Pass
11a	CH157	3.00	30.00	Pass
11a	CH165	2.73	30.00	Pass
11n (HT20)	CH149	1.88	30.00	Pass
11n (HT20)	CH157	1.47	30.00	Pass
11n (HT20)	CH165	1.29	30.00	Pass
11n (HT40)	CH151	-1.60	30.00	Pass
11n (HT40)	CH159	-2.13	30.00	Pass
11ac (VHT20)	CH149	1.80	30.00	Pass
11ac (VHT20)	CH157	1.24	30.00	Pass
11ac (VHT20)	CH165	1.14	30.00	Pass
11ac (VHT40)	CH151	-1.80	30.00	Pass
11ac (VHT40)	CH159	-2.65	30.00	Pass
11ac (VHT80)	CH155	-4.84	30.00	Pass

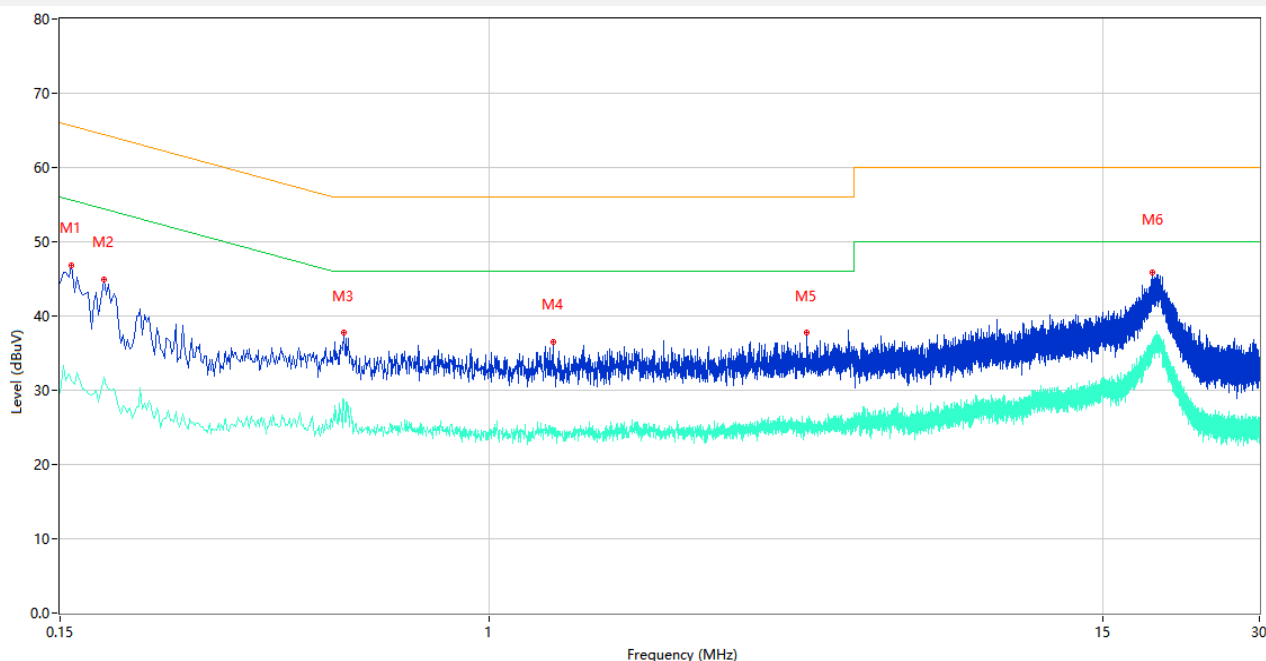
A.5 Conducted Emissions

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

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

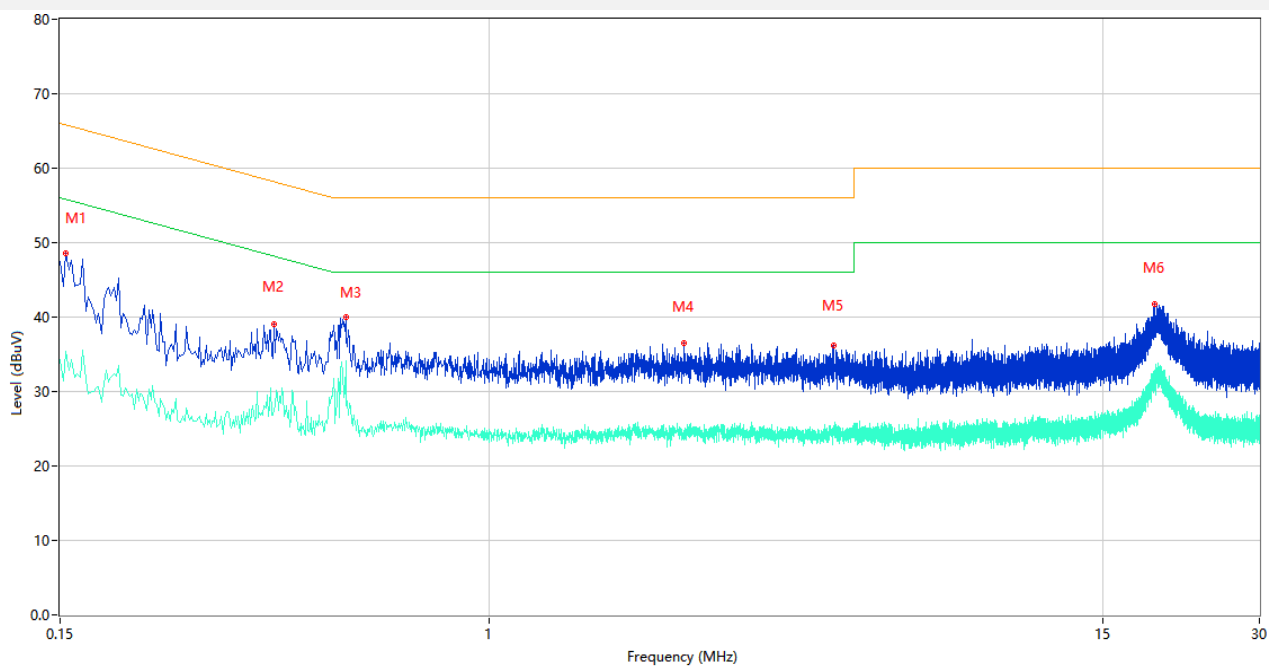
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	46.87	9.78	65.57	18.70	Peak	L	Pass
1**	0.158	31.24	9.78	55.57	24.33	AV	L	Pass
2	0.182	44.98	9.78	64.39	19.41	Peak	L	Pass
2**	0.182	31.80	9.78	54.39	22.59	AV	L	Pass
3	0.526	37.75	10.01	56.00	18.25	Peak	L	Pass
3**	0.526	28.75	10.01	46.00	17.25	AV	L	Pass
4	1.324	36.56	10.26	56.00	19.44	Peak	L	Pass
4**	1.324	24.85	10.26	46.00	21.15	AV	L	Pass
5	4.062	37.71	10.37	56.00	18.29	Peak	L	Pass
5**	4.062	26.12	10.37	46.00	19.88	AV	L	Pass
6	18.732	45.80	10.98	60.00	14.20	Peak	L	Pass
6**	18.732	36.27	10.98	50.00	13.73	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.154	48.55	9.78	65.78	17.23	Peak	N	Pass
1**	0.154	35.34	9.78	55.78	20.44	AV	N	Pass
2	0.386	39.11	10.61	58.15	19.04	Peak	N	Pass
2**	0.386	27.46	10.61	48.15	20.69	AV	N	Pass
3	0.530	40.07	10.01	56.00	15.93	Peak	N	Pass
3**	0.530	34.13	10.01	46.00	11.87	AV	N	Pass
4	2.366	36.46	10.11	56.00	19.54	Peak	N	Pass
4**	2.366	24.38	10.11	46.00	21.62	AV	N	Pass
5	4.572	36.13	10.50	56.00	19.87	Peak	N	Pass
5**	4.572	24.63	10.50	46.00	21.37	AV	N	Pass
6	18.874	41.73	10.81	60.00	18.27	Peak	N	Pass
6**	18.874	32.70	10.81	50.00	17.30	AV	N	Pass

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

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

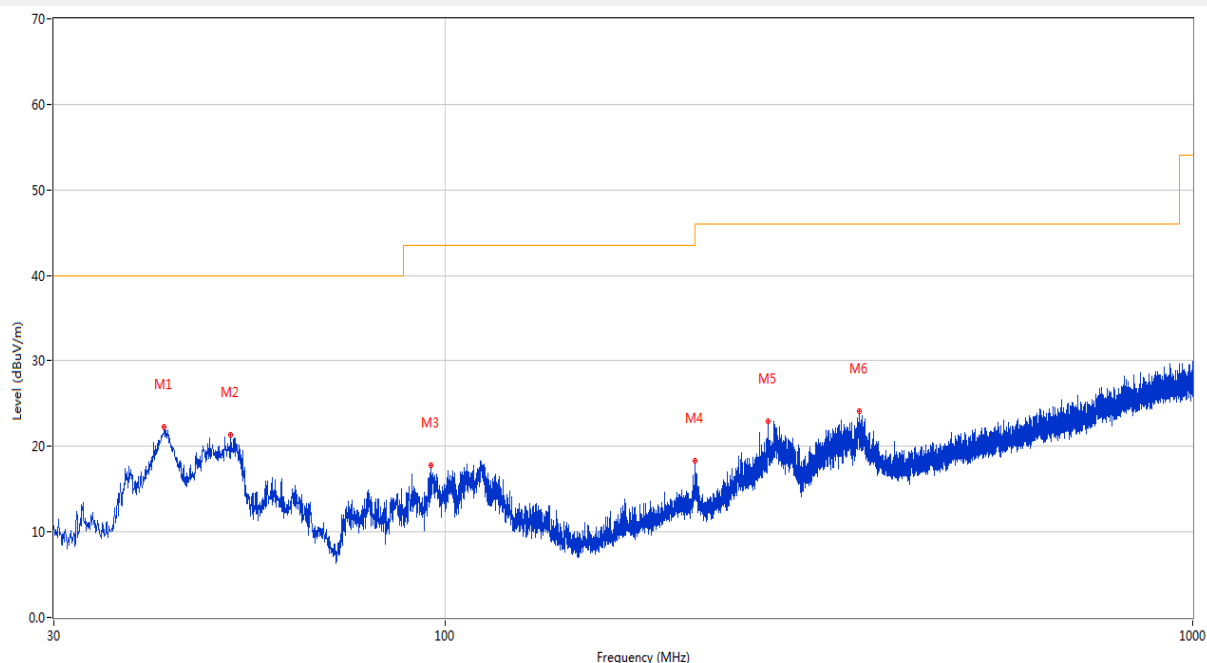
Note²: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

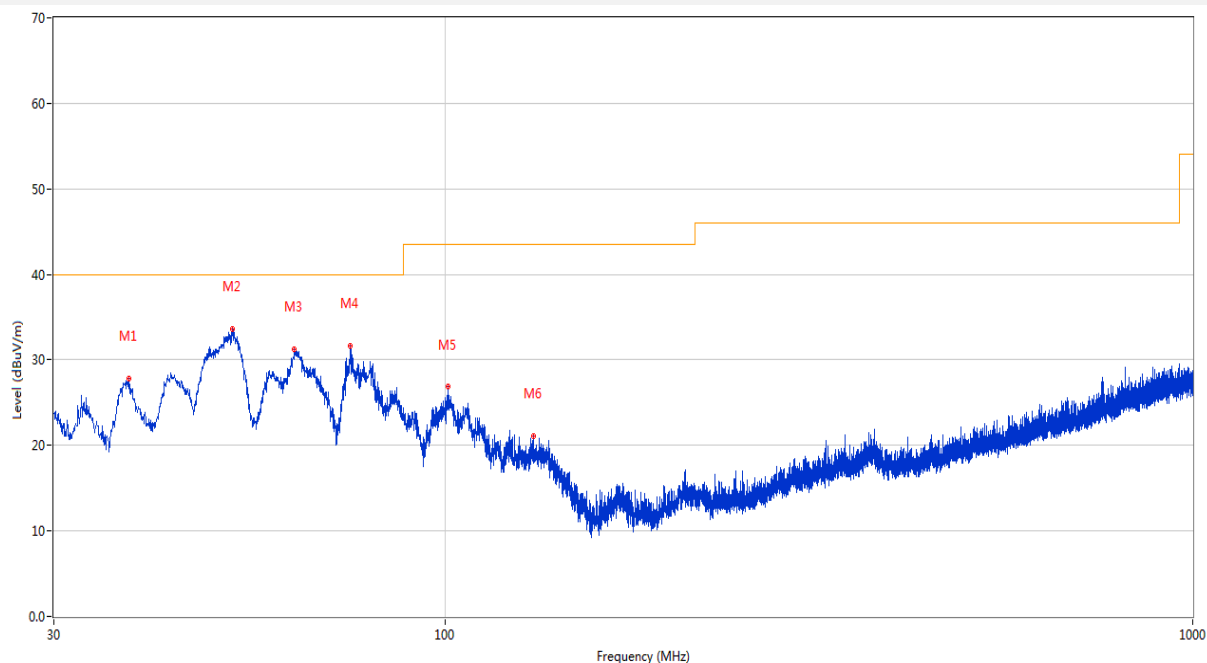
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	42.173	22.34	-23.44	40.0	17.66	Peak	315.10	100	Horizontal	Pass
2	51.679	21.34	-23.25	40.0	18.66	Peak	245.10	100	Horizontal	Pass
3	95.814	17.82	-24.76	43.5	25.68	Peak	15.80	200	Horizontal	Pass
4	215.900	18.27	-23.90	43.5	25.23	Peak	217.10	100	Horizontal	Pass
5	270.802	22.96	-22.27	46.0	23.04	Peak	187.50	100	Horizontal	Pass
6	358.248	24.13	-19.79	46.0	21.87	Peak	16.90	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	37.809	27.86	-24.52	40.0	12.14	Peak	253.40	100	Vertical	Pass
2	51.922	33.63	-23.19	40.0	6.37	Peak	287.90	100	Vertical	Pass
3	62.834	31.23	-24.74	40.0	8.77	Peak	305.40	100	Vertical	Pass
4	74.620	31.61	-28.52	40.0	8.39	Peak	139.30	100	Vertical	Pass
5	101.101	26.83	-24.65	43.5	16.67	Peak	78.80	100	Vertical	Pass
6	131.268	21.11	-27.18	43.5	22.39	Peak	41.90	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	1502.800	39.28	-17.72	74.0	34.72	Peak	145.00	100	Horizontal	Pass
1**	1502.800	29.63	-17.72	54.0	24.37	AV	145.00	100	Horizontal	Pass
2	2494.900	43.84	-12.60	74.0	30.16	Peak	200.00	150	Horizontal	Pass
2**	2494.900	33.92	-12.60	54.0	20.08	AV	200.00	150	Horizontal	Pass
3	4293.000	48.40	-4.77	74.0	25.60	Peak	350.00	200	Horizontal	Pass
3**	4293.000	39.35	-4.77	54.0	14.65	AV	350.00	200	Horizontal	Pass
4	5179.200	104.14	-3.15	--	--	Peak	56.00	300	Horizontal	N/A
4**	5179.200	96.97	-3.15	--	--	AV	56.00	300	Horizontal	N/A
5	7552.000	49.32	-1.56	74.0	24.68	Peak	70.00	200	Horizontal	Pass
5**	7552.000	39.80	-1.56	54.0	14.20	AV	70.00	200	Horizontal	Pass
6	12201.737	51.77	2.56	74.0	22.23	Peak	229.00	100	Horizontal	Pass
6**	12201.737	42.52	2.56	54.0	11.48	AV	229.00	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	1593.800	41.71	-17.81	74.0	32.29	Peak	262.00	400	Vertical	Pass
1**	1593.800	29.38	-17.81	54.0	24.62	AV	262.00	400	Vertical	Pass
2	2495.700	47.17	-12.63	74.0	26.83	Peak	193.00	150	Vertical	Pass
2**	2495.700	37.73	-12.63	54.0	16.27	AV	193.00	150	Vertical	Pass
3	4211.400	48.42	-4.95	74.0	25.58	Peak	343.00	200	Vertical	Pass
3**	4211.400	38.72	-4.95	54.0	15.28	AV	343.00	200	Vertical	Pass
4	5181.600	105.27	-3.20	--	--	Peak	189.00	400	Vertical	N/A
4**	5181.600	98.20	-3.20	--	--	AV	189.00	400	Vertical	N/A
5	7394.163	49.78	-1.62	74.0	24.22	Peak	360.00	150	Vertical	Pass
5**	7394.163	39.97	-1.62	54.0	14.03	AV	360.00	150	Vertical	Pass
6	11677.625	51.78	2.45	74.0	22.22	Peak	0.00	200	Vertical	Pass
6**	11677.625	43.01	2.45	54.0	10.99	AV	0.00	200	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	1599.700	38.62	-17.73	74.0	35.38	Peak	258.00	200	Horizontal	Pass
1**	1599.700	30.18	-17.73	54.0	23.82	AV	258.00	200	Horizontal	Pass
2	2858.300	44.28	-10.57	74.0	29.72	Peak	214.00	200	Horizontal	Pass
2**	2858.300	34.71	-10.57	54.0	19.29	AV	214.00	200	Horizontal	Pass
3	4188.400	48.77	-5.21	74.0	25.23	Peak	360.00	150	Horizontal	Pass
3**	4188.400	39.04	-5.21	54.0	14.96	AV	360.00	150	Horizontal	Pass
4	5218.600	105.53	-3.47	--	--	Peak	60.00	400	Horizontal	N/A
4**	5218.600	98.92	-3.47	--	--	AV	60.00	400	Horizontal	N/A
5	7556.313	49.07	-1.65	74.0	24.93	Peak	1.00	150	Horizontal	Pass
5**	7556.313	40.49	-1.65	54.0	13.51	AV	1.00	150	Horizontal	Pass
6	12270.451	51.07	2.49	74.0	22.93	Peak	321.00	100	Horizontal	Pass
6**	12270.451	42.52	2.49	54.0	11.48	AV	321.00	100	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	1329.200	44.12	-17.68	74.0	29.88	Peak	200.00	150	Vertical	Pass
1**	1329.200	29.71	-17.68	54.0	24.29	AV	200.00	150	Vertical	Pass
2	2498.500	47.17	-12.67	74.0	26.83	Peak	188.00	150	Vertical	Pass
2**	2498.500	39.21	-12.67	54.0	14.79	AV	188.00	150	Vertical	Pass
3	4250.200	48.91	-4.71	74.0	25.09	Peak	67.00	150	Vertical	Pass
3**	4250.200	39.95	-4.71	54.0	14.05	AV	67.00	150	Vertical	Pass
4	5218.600	106.28	-3.47	--	--	Peak	188.00	200	Vertical	N/A
4**	5218.600	98.60	-3.47	--	--	AV	188.00	200	Vertical	N/A
5	7556.888	48.72	-1.66	74.0	25.28	Peak	320.00	150	Vertical	Pass
5**	7556.888	39.70	-1.66	54.0	14.30	AV	320.00	150	Vertical	Pass
6	11644.849	51.45	2.50	74.0	22.55	Peak	268.00	400	Vertical	Pass
6**	11644.849	42.05	2.50	54.0	11.95	AV	268.00	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	1332.200	40.75	-17.74	74.0	33.25	Peak	89.00	200	Horizontal	Pass
1**	1332.200	30.63	-17.74	54.0	23.37	AV	89.00	200	Horizontal	Pass
2	2793.700	44.18	-11.20	74.0	29.82	Peak	237.00	100	Horizontal	Pass
2**	2793.700	34.36	-11.20	54.0	19.64	AV	237.00	100	Horizontal	Pass
3	4288.800	48.33	-4.77	74.0	25.67	Peak	290.00	300	Horizontal	Pass
3**	4288.800	38.90	-4.77	54.0	15.10	AV	290.00	300	Horizontal	Pass
4	5238.800	105.75	-3.66	--	--	Peak	52.00	200	Horizontal	N/A
4**	5238.800	98.64	-3.66	--	--	AV	52.00	200	Horizontal	N/A
5	7541.362	48.89	-1.65	74.0	25.11	Peak	196.00	150	Horizontal	Pass
5**	7541.362	39.97	-1.65	54.0	14.03	AV	196.00	150	Horizontal	Pass
6	12223.013	51.43	2.61	74.0	22.57	Peak	49.00	100	Horizontal	Pass
6**	12223.013	41.87	2.61	54.0	12.13	AV	49.00	100	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	1333.400	42.74	-17.75	74.0	31.26	Peak	327.00	150	Vertical	Pass
1**	1333.400	29.24	-17.75	54.0	24.76	AV	327.00	150	Vertical	Pass
2	2498.100	47.26	-12.67	74.0	26.74	Peak	192.00	300	Vertical	Pass
2**	2498.100	37.59	-12.67	54.0	16.41	AV	192.00	300	Vertical	Pass
3	4800.200	51.20	-3.53	74.0	22.80	Peak	311.00	200	Vertical	Pass
3**	4800.200	44.65	-3.53	54.0	9.35	AV	311.00	200	Vertical	Pass
4	5238.400	105.03	-3.65	--	--	Peak	188.00	150	Vertical	N/A
4**	5238.400	97.48	-3.65	--	--	AV	188.00	150	Vertical	N/A
5	7536.475	48.28	-1.72	74.0	25.72	Peak	205.00	300	Vertical	Pass
5**	7536.475	38.88	-1.72	54.0	15.12	AV	205.00	300	Vertical	Pass
6	11668.712	51.44	2.48	74.0	22.56	Peak	310.00	200	Vertical	Pass
6**	11668.712	42.30	2.48	54.0	11.70	AV	310.00	200	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	1466.200	39.54	-17.78	74.0	34.46	Peak	310.00	200	Horizontal	Pass
1**	1466.200	28.27	-17.78	54.0	25.73	AV	310.00	200	Horizontal	Pass
2	2879.400	43.91	-10.30	74.0	30.09	Peak	301.00	400	Horizontal	Pass
2**	2879.400	35.34	-10.30	54.0	18.66	AV	301.00	400	Horizontal	Pass
3	4289.800	48.53	-4.77	74.0	25.47	Peak	147.00	200	Horizontal	Pass
3**	4289.800	39.56	-4.77	54.0	14.44	AV	147.00	200	Horizontal	Pass
4	5178.200	103.48	-3.14	--	--	Peak	53.00	400	Horizontal	N/A
4**	5178.200	96.09	-3.14	--	--	AV	53.00	400	Horizontal	N/A
5	7547.112	49.21	-1.58	74.0	24.79	Peak	154.00	200	Horizontal	Pass
5**	7547.112	39.89	-1.58	54.0	14.11	AV	154.00	200	Horizontal	Pass
6	11611.500	51.22	2.13	74.0	22.78	Peak	81.00	100	Horizontal	Pass
6**	11611.500	41.59	2.13	54.0	12.41	AV	81.00	100	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	1599.800	38.52	-17.73	74.0	35.48	Peak	252.00	100	Vertical	Pass
1**	1599.800	30.05	-17.73	54.0	23.95	AV	252.00	100	Vertical	Pass
2	2494.600	47.14	-12.61	74.0	26.86	Peak	190.00	150	Vertical	Pass
2**	2494.600	38.48	-12.61	54.0	15.52	AV	190.00	150	Vertical	Pass
3	4800.200	50.97	-3.53	74.0	23.03	Peak	17.00	150	Vertical	Pass
3**	4800.200	43.25	-3.53	54.0	10.75	AV	17.00	150	Vertical	Pass
4	5181.400	103.74	-3.19	--	--	Peak	189.00	300	Vertical	N/A
4**	5181.400	96.70	-3.19	--	--	AV	189.00	300	Vertical	N/A
5	7539.638	48.21	-1.68	74.0	25.79	Peak	49.00	100	Vertical	Pass
5**	7539.638	39.60	-1.68	54.0	14.40	AV	49.00	100	Vertical	Pass
6	12236.526	51.43	2.63	74.0	22.57	Peak	7.00	100	Vertical	Pass
6**	12236.526	42.57	2.63	54.0	11.43	AV	7.00	100	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	1330.400	38.75	-17.71	74.0	35.25	Peak	46.00	150	Horizontal	Pass
1**	1330.400	31.49	-17.71	54.0	22.51	AV	46.00	150	Horizontal	Pass
2	2871.800	43.91	-10.58	74.0	30.09	Peak	158.00	200	Horizontal	Pass
2**	2871.800	35.05	-10.58	54.0	18.95	AV	158.00	200	Horizontal	Pass
3	4263.200	48.39	-4.82	74.0	25.61	Peak	59.00	150	Horizontal	Pass
3**	4263.200	39.10	-4.82	54.0	14.90	AV	59.00	150	Horizontal	Pass
4	5217.200	103.51	-3.42	--	--	Peak	53.00	400	Horizontal	N/A
4**	5217.200	95.55	-3.42	--	--	AV	53.00	400	Horizontal	N/A
5	7539.350	48.85	-1.69	74.0	25.15	Peak	133.00	200	Horizontal	Pass
5**	7539.350	39.91	-1.69	54.0	14.09	AV	133.00	200	Horizontal	Pass
6	12268.438	51.71	2.51	74.0	22.29	Peak	111.00	400	Horizontal	Pass
6**	12268.438	42.49	2.51	54.0	11.51	AV	111.00	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	1332.600	46.42	-17.75	74.0	27.58	Peak	205.00	150	Vertical	Pass
1**	1332.600	39.09	-17.75	54.0	14.91	AV	205.00	150	Vertical	Pass
2	2489.700	46.50	-12.72	74.0	27.50	Peak	192.00	150	Vertical	Pass
2**	2489.700	38.51	-12.72	54.0	15.49	AV	192.00	150	Vertical	Pass
3	4800.000	50.89	-3.53	74.0	23.11	Peak	14.00	150	Vertical	Pass
3**	4800.000	43.00	-3.53	54.0	11.00	AV	14.00	150	Vertical	Pass
4	5218.600	103.95	-3.47	--	--	Peak	189.00	100	Vertical	N/A
4**	5218.600	96.72	-3.47	--	--	AV	189.00	100	Vertical	N/A
5	7543.663	48.50	-1.63	74.0	25.50	Peak	80.00	200	Vertical	Pass
5**	7543.663	39.26	-1.63	54.0	14.74	AV	80.00	200	Vertical	Pass
6	12205.763	51.12	2.57	74.0	22.88	Peak	91.00	200	Vertical	Pass
6**	12205.763	41.87	2.57	54.0	12.13	AV	91.00	200	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	1696.100	38.53	-17.65	74.0	35.47	Peak	98.00	400	Horizontal	Pass
1**	1696.100	28.39	-17.65	54.0	25.61	AV	98.00	400	Horizontal	Pass
2	2815.200	43.85	-10.73	74.0	30.15	Peak	137.00	200	Horizontal	Pass
2**	2815.200	34.60	-10.73	54.0	19.40	AV	137.00	200	Horizontal	Pass
3	4258.800	48.34	-4.76	74.0	25.66	Peak	270.00	100	Horizontal	Pass
3**	4258.800	39.42	-4.76	54.0	14.58	AV	270.00	100	Horizontal	Pass
4	5241.200	103.16	-3.70	--	--	Peak	60.00	300	Horizontal	N/A
4**	5241.200	95.69	-3.70	--	--	AV	60.00	300	Horizontal	N/A
5	7552.000	47.84	-1.56	74.0	26.16	Peak	173.00	200	Horizontal	Pass
5**	7552.000	39.54	-1.56	54.0	14.46	AV	173.00	200	Horizontal	Pass
6	11679.638	51.73	2.44	74.0	22.27	Peak	350.00	200	Horizontal	Pass
6**	11679.638	41.69	2.44	54.0	12.31	AV	350.00	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	1496.500	39.45	-17.73	74.0	34.55	Peak	181.00	200	Vertical	Pass
1**	1496.500	29.00	-17.73	54.0	25.00	AV	181.00	200	Vertical	Pass
2	2495.000	46.93	-12.60	74.0	27.07	Peak	181.00	150	Vertical	Pass
2**	2495.000	37.32	-12.60	54.0	16.68	AV	181.00	150	Vertical	Pass
3	4302.400	48.67	-4.90	74.0	25.33	Peak	44.00	150	Vertical	Pass
3**	4302.400	39.42	-4.90	54.0	14.58	AV	44.00	150	Vertical	Pass
4	5238.600	103.82	-3.65	--	--	Peak	190.00	200	Vertical	N/A
4**	5238.600	96.87	-3.65	--	--	AV	190.00	200	Vertical	N/A
5	7404.800	48.53	-1.71	74.0	25.47	Peak	346.00	150	Vertical	Pass
5**	7404.800	39.94	-1.71	54.0	14.06	AV	346.00	150	Vertical	Pass
6	12304.375	50.91	2.27	74.0	23.09	Peak	39.00	400	Vertical	Pass
6**	12304.375	41.63	2.27	54.0	12.37	AV	39.00	400	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	1594.200	38.86	-17.81	74.0	35.14	Peak	234.00	300	Horizontal	Pass
1**	1594.200	28.94	-17.81	54.0	25.06	AV	234.00	300	Horizontal	Pass
2	2724.600	43.97	-10.77	74.0	30.03	Peak	14.00	100	Horizontal	Pass
2**	2724.600	34.69	-10.77	54.0	19.31	AV	14.00	100	Horizontal	Pass
3	4266.200	48.42	-4.80	74.0	25.58	Peak	255.00	100	Horizontal	Pass
3**	4266.200	39.54	-4.80	54.0	14.46	AV	255.00	100	Horizontal	Pass
4	5192.800	100.26	-3.28	--	--	Peak	52.00	400	Horizontal	N/A
4**	5192.800	91.81	-3.28	--	--	AV	52.00	400	Horizontal	N/A
5	7543.375	48.19	-1.63	74.0	25.81	Peak	48.00	100	Horizontal	Pass
5**	7543.375	39.30	-1.63	54.0	14.70	AV	48.00	100	Horizontal	Pass
6	11659.225	50.91	2.52	74.0	23.09	Peak	289.00	100	Horizontal	Pass
6**	11659.225	41.51	2.52	54.0	12.49	AV	289.00	100	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	1594.800	38.97	-17.82	74.0	35.03	Peak	262.00	100	Vertical	Pass
1**	1594.800	30.41	-17.82	54.0	23.59	AV	262.00	100	Vertical	Pass
2	2494.900	46.71	-12.60	74.0	27.29	Peak	179.00	150	Vertical	Pass
2**	2494.900	36.97	-12.60	54.0	17.03	AV	179.00	150	Vertical	Pass
3	4800.000	50.09	-3.53	74.0	23.91	Peak	43.00	150	Vertical	Pass
3**	4800.000	43.10	-3.53	54.0	10.90	AV	43.00	150	Vertical	Pass
4	5191.600	99.96	-3.24	--	--	Peak	188.00	100	Vertical	N/A
4**	5191.600	92.58	-3.24	--	--	AV	188.00	100	Vertical	N/A
5	7546.537	48.44	-1.58	74.0	25.56	Peak	123.00	100	Vertical	Pass
5**	7546.537	39.34	-1.58	54.0	14.66	AV	123.00	100	Vertical	Pass
6	11762.725	51.40	1.42	74.0	22.60	Peak	239.00	300	Vertical	Pass
6**	11762.725	42.20	1.42	54.0	11.80	AV	239.00	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	1461.000	39.07	-17.70	74.0	34.93	Peak	156.00	200	Horizontal	Pass
1**	1461.000	29.29	-17.70	54.0	24.71	AV	156.00	200	Horizontal	Pass
2	2806.500	44.07	-10.98	74.0	29.93	Peak	315.00	100	Horizontal	Pass
2**	2806.500	34.38	-10.98	54.0	19.62	AV	315.00	100	Horizontal	Pass
3	4238.400	48.45	-5.12	74.0	25.55	Peak	248.00	200	Horizontal	Pass
3**	4238.400	38.56	-5.12	54.0	15.44	AV	248.00	200	Horizontal	Pass
4	5232.400	100.33	-3.60	--	--	Peak	55.00	100	Horizontal	N/A
4**	5232.400	92.52	-3.60	--	--	AV	55.00	100	Horizontal	N/A
5	7503.125	48.07	-1.86	74.0	25.93	Peak	142.00	200	Horizontal	Pass
5**	7503.125	39.37	-1.86	54.0	14.63	AV	142.00	200	Horizontal	Pass
6	12236.812	51.00	2.63	74.0	23.00	Peak	90.00	300	Horizontal	Pass
6**	12236.812	42.16	2.63	54.0	11.84	AV	90.00	300	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	1598.100	40.58	-17.73	74.0	33.42	Peak	91.00	300	Vertical	Pass
1**	1598.100	28.44	-17.73	54.0	25.56	AV	91.00	300	Vertical	Pass
2	2495.600	46.97	-12.63	74.0	27.03	Peak	190.00	150	Vertical	Pass
2**	2495.600	37.71	-12.63	54.0	16.29	AV	190.00	150	Vertical	Pass
3	4800.000	50.96	-3.53	74.0	23.04	Peak	18.00	150	Vertical	Pass
3**	4800.000	43.02	-3.53	54.0	10.98	AV	18.00	150	Vertical	Pass
4	5227.600	100.37	-3.50	--	--	Peak	191.00	300	Vertical	N/A
4**	5227.600	92.75	-3.50	--	--	AV	191.00	300	Vertical	N/A
5	7582.475	48.15	-2.27	74.0	25.85	Peak	6.00	100	Vertical	Pass
5**	7582.475	38.89	-2.27	54.0	15.11	AV	6.00	100	Vertical	Pass
6	12222.437	51.27	2.60	74.0	22.73	Peak	352.00	300	Vertical	Pass
6**	12222.437	41.38	2.60	54.0	12.62	AV	352.00	300	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	1525.200	38.38	-17.73	74.0	35.62	Peak	86.00	300	Horizontal	Pass
1**	1525.200	29.19	-17.73	54.0	24.81	AV	86.00	300	Horizontal	Pass
2	2850.700	44.04	-10.71	74.0	29.96	Peak	244.00	200	Horizontal	Pass
2**	2850.700	34.41	-10.71	54.0	19.59	AV	244.00	200	Horizontal	Pass
3	4211.200	48.85	-4.96	74.0	25.15	Peak	200.00	200	Horizontal	Pass
3**	4211.200	39.06	-4.96	54.0	14.94	AV	200.00	200	Horizontal	Pass
4	5180.000	106.67	-3.16	--	--	Peak	63.00	400	Horizontal	N/A
4**	5180.000	97.46	-3.16	--	--	AV	63.00	400	Horizontal	N/A
5	7547.975	48.61	-1.58	74.0	25.39	Peak	49.00	150	Horizontal	Pass
5**	7547.975	39.22	-1.58	54.0	14.78	AV	49.00	150	Horizontal	Pass
6	11744.612	51.44	1.63	74.0	22.56	Peak	186.00	400	Horizontal	Pass
6**	11744.612	41.34	1.63	54.0	12.66	AV	186.00	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	1328.000	42.73	-17.65	74.0	31.27	Peak	203.00	150	Vertical	Pass
1**	1328.000	28.64	-17.65	54.0	25.36	AV	203.00	150	Vertical	Pass
2	2495.200	47.12	-12.61	74.0	26.88	Peak	190.00	150	Vertical	Pass
2**	2495.200	36.41	-12.61	54.0	17.59	AV	190.00	150	Vertical	Pass
3	4284.400	49.07	-4.68	74.0	24.93	Peak	45.00	100	Vertical	Pass
3**	4284.400	39.90	-4.68	54.0	14.10	AV	45.00	100	Vertical	Pass
4	5177.800	108.74	-3.15	--	--	Peak	155.00	200	Vertical	N/A
4**	5177.800	99.76	-3.15	--	--	AV	155.00	200	Vertical	N/A
5	7548.263	48.66	-1.59	74.0	25.34	Peak	61.00	100	Vertical	Pass
5**	7548.263	39.39	-1.59	54.0	14.61	AV	61.00	100	Vertical	Pass
6	11758.412	50.95	1.46	74.0	23.05	Peak	146.00	400	Vertical	Pass
6**	11758.412	41.23	1.46	54.0	12.77	AV	146.00	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	1602.500	38.60	-17.75	74.0	35.40	Peak	299.00	400	Horizontal	Pass
1**	1602.500	28.83	-17.75	54.0	25.17	AV	299.00	400	Horizontal	Pass
2	2802.400	43.75	-11.10	74.0	30.25	Peak	120.00	300	Horizontal	Pass
2**	2802.400	33.86	-11.10	54.0	20.14	AV	120.00	300	Horizontal	Pass
3	4252.800	48.40	-4.72	74.0	25.60	Peak	102.00	200	Horizontal	Pass
3**	4252.800	40.03	-4.72	54.0	13.97	AV	102.00	200	Horizontal	Pass
4	5219.400	106.25	-3.47	--	--	Peak	66.00	200	Horizontal	N/A
4**	5219.400	100.17	-3.47	--	--	AV	66.00	200	Horizontal	N/A
5	7541.938	48.39	-1.64	74.0	25.61	Peak	186.00	150	Horizontal	Pass
5**	7541.938	39.09	-1.64	54.0	14.91	AV	186.00	150	Horizontal	Pass
6	12287.126	51.53	2.36	74.0	22.47	Peak	154.00	100	Horizontal	Pass
6**	12287.126	41.76	2.36	54.0	12.24	AV	154.00	100	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	1327.400	41.23	-17.65	74.0	32.77	Peak	181.00	150	Vertical	Pass
1**	1327.400	30.10	-17.65	54.0	23.90	AV	181.00	150	Vertical	Pass
2	2494.500	46.74	-12.61	74.0	27.26	Peak	186.00	150	Vertical	Pass
2**	2494.500	36.75	-12.61	54.0	17.25	AV	186.00	150	Vertical	Pass
3	4275.400	48.65	-4.77	74.0	25.35	Peak	126.00	100	Vertical	Pass
3**	4275.400	39.15	-4.77	54.0	14.85	AV	126.00	100	Vertical	Pass
4	5222.400	107.62	-3.45	--	--	Peak	155.00	100	Vertical	N/A
4**	5222.400	100.01	-3.45	--	--	AV	155.00	100	Vertical	N/A
5	7557.750	48.13	-1.67	74.0	25.87	Peak	133.00	100	Vertical	Pass
5**	7557.750	40.24	-1.67	54.0	13.76	AV	133.00	100	Vertical	Pass
6	11703.788	50.91	2.25	74.0	23.09	Peak	312.00	200	Vertical	Pass
6**	11703.788	41.68	2.25	54.0	12.32	AV	312.00	200	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	1604.000	38.19	-17.70	74.0	35.81	Peak	335.00	400	Horizontal	Pass
1**	1604.000	28.83	-17.70	54.0	25.17	AV	335.00	400	Horizontal	Pass
2	2864.100	43.90	-10.58	74.0	30.10	Peak	257.00	100	Horizontal	Pass
2**	2864.100	34.39	-10.58	54.0	19.61	AV	257.00	100	Horizontal	Pass
3	4339.600	48.63	-4.69	74.0	25.37	Peak	270.00	150	Horizontal	Pass
3**	4339.600	39.87	-4.69	54.0	14.13	AV	270.00	150	Horizontal	Pass
4	5238.400	105.63	-3.65	--	--	Peak	67.00	300	Horizontal	N/A
4**	5238.400	97.99	-3.65	--	--	AV	67.00	300	Horizontal	N/A
5	7575.575	47.82	-2.13	74.0	26.18	Peak	311.00	100	Horizontal	Pass
5**	7575.575	38.33	-2.13	54.0	15.67	AV	311.00	100	Horizontal	Pass
6	12230.487	51.10	2.62	74.0	22.90	Peak	332.00	400	Horizontal	Pass
6**	12230.487	42.46	2.62	54.0	11.54	AV	332.00	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	1332.500	44.38	-17.75	74.0	29.62	Peak	214.00	150	Vertical	Pass
1**	1332.500	32.04	-17.75	54.0	21.96	AV	214.00	150	Vertical	Pass
2	2492.600	47.35	-12.72	74.0	26.65	Peak	184.00	150	Vertical	Pass
2**	2492.600	35.80	-12.72	54.0	18.20	AV	184.00	150	Vertical	Pass
3	4240.600	48.37	-5.08	74.0	25.63	Peak	243.00	200	Vertical	Pass
3**	4240.600	38.70	-5.08	54.0	15.30	AV	243.00	200	Vertical	Pass
4	5239.200	106.20	-3.67	--	--	Peak	177.00	200	Vertical	N/A
4**	5239.200	99.76	-3.67	--	--	AV	177.00	200	Vertical	N/A
5	7390.425	48.21	-1.73	74.0	25.79	Peak	38.00	200	Vertical	Pass
5**	7390.425	38.23	-1.73	54.0	15.77	AV	38.00	200	Vertical	Pass
6	11739.150	51.25	1.71	74.0	22.75	Peak	17.00	200	Vertical	Pass
6**	11739.150	41.74	1.71	54.0	12.26	AV	17.00	200	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	1328.100	41.66	-17.65	74.0	32.34	Peak	51.00	150	Horizontal	Pass
1**	1328.100	28.79	-17.65	54.0	25.21	AV	51.00	150	Horizontal	Pass
2	2747.000	43.92	-10.77	74.0	30.08	Peak	41.00	200	Horizontal	Pass
2**	2747.000	34.75	-10.77	54.0	19.25	AV	41.00	200	Horizontal	Pass
3	4351.200	48.19	-4.90	74.0	25.81	Peak	286.00	200	Horizontal	Pass
3**	4351.200	39.29	-4.90	54.0	14.71	AV	286.00	200	Horizontal	Pass
4	5186.400	102.84	-3.18	--	--	Peak	55.00	400	Horizontal	N/A
4**	5186.400	96.26	-3.18	--	--	AV	55.00	400	Horizontal	N/A
5	7520.375	48.72	-1.59	74.0	25.28	Peak	355.00	150	Horizontal	Pass
5**	7520.375	39.25	-1.59	54.0	14.75	AV	355.00	150	Horizontal	Pass
6	12259.812	51.96	2.58	74.0	22.04	Peak	0.00	200	Horizontal	Pass
6**	12259.812	41.68	2.58	54.0	12.32	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	1332.100	40.13	-17.74	74.0	33.87	Peak	360.00	150	Vertical	Pass
1**	1332.100	28.14	-17.74	54.0	25.86	AV	360.00	150	Vertical	Pass
2	2492.400	46.43	-12.72	74.0	27.57	Peak	187.00	150	Vertical	Pass
2**	2492.400	36.73	-12.72	54.0	17.27	AV	187.00	150	Vertical	Pass
3	4261.000	48.08	-4.72	74.0	25.92	Peak	277.00	150	Vertical	Pass
3**	4261.000	38.90	-4.72	54.0	15.10	AV	277.00	150	Vertical	Pass
4	5191.400	103.45	-3.23	--	--	Peak	153.00	200	Vertical	N/A
4**	5191.400	95.57	-3.23	--	--	AV	153.00	200	Vertical	N/A
5	7545.962	48.40	-1.58	74.0	25.60	Peak	218.00	150	Vertical	Pass
5**	7545.962	38.77	-1.58	54.0	15.23	AV	218.00	150	Vertical	Pass
6	12241.700	51.55	2.65	74.0	22.45	Peak	0.00	400	Vertical	Pass
6**	12241.700	42.30	2.65	54.0	11.70	AV	0.00	400	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	1593.500	39.77	-17.80	74.0	34.23	Peak	263.00	200	Horizontal	Pass
1**	1593.500	29.57	-17.80	54.0	24.43	AV	263.00	200	Horizontal	Pass
2	2795.900	44.06	-11.16	74.0	29.94	Peak	217.00	400	Horizontal	Pass
2**	2795.900	35.36	-11.16	54.0	18.64	AV	217.00	400	Horizontal	Pass
3	4293.400	48.17	-4.78	74.0	25.83	Peak	182.00	150	Horizontal	Pass
3**	4293.400	39.89	-4.78	54.0	14.11	AV	182.00	150	Horizontal	Pass
4	5237.200	102.85	-3.66	--	--	Peak	66.00	300	Horizontal	N/A
4**	5237.200	95.44	-3.66	--	--	AV	66.00	300	Horizontal	N/A
5	7520.088	48.37	-1.61	74.0	25.63	Peak	100.00	150	Horizontal	Pass
5**	7520.088	39.25	-1.61	54.0	14.75	AV	100.00	150	Horizontal	Pass
6	12244.862	51.12	2.65	74.0	22.88	Peak	227.00	100	Horizontal	Pass
6**	12244.862	41.75	2.65	54.0	12.25	AV	227.00	100	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	1333.400	44.24	-17.75	74.0	29.76	Peak	214.00	150	Vertical	Pass
1**	1333.400	30.91	-17.75	54.0	23.09	AV	214.00	150	Vertical	Pass
2	2495.500	46.20	-12.62	74.0	27.80	Peak	192.00	150	Vertical	Pass
2**	2495.500	36.57	-12.62	54.0	17.43	AV	192.00	150	Vertical	Pass
3	4247.600	48.53	-4.79	74.0	25.47	Peak	16.00	150	Vertical	Pass
3**	4247.600	38.46	-4.79	54.0	15.54	AV	16.00	150	Vertical	Pass
4	5232.200	104.51	-3.60	--	--	Peak	161.00	100	Vertical	N/A
4**	5232.200	95.62	-3.60	--	--	AV	161.00	100	Vertical	N/A
5	7593.112	48.24	-2.34	74.0	25.76	Peak	101.00	150	Vertical	Pass
5**	7593.112	38.45	-2.34	54.0	15.55	AV	101.00	150	Vertical	Pass
6	12236.812	51.30	2.63	74.0	22.70	Peak	354.00	300	Vertical	Pass
6**	12236.812	41.87	2.63	54.0	12.13	AV	354.00	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	1459.000	37.91	-17.68	74.0	36.09	Peak	321.00	400	Horizontal	Pass
1**	1459.000	28.54	-17.68	54.0	25.46	AV	321.00	400	Horizontal	Pass
2	2745.600	43.60	-10.76	74.0	30.40	Peak	295.00	400	Horizontal	Pass
2**	2745.600	34.27	-10.76	54.0	19.73	AV	295.00	400	Horizontal	Pass
3	4289.600	48.27	-4.77	74.0	25.73	Peak	92.00	150	Horizontal	Pass
3**	4289.600	39.39	-4.77	54.0	14.61	AV	92.00	150	Horizontal	Pass
4	5218.400	100.58	-3.46	--	--	Peak	0.00	300	Horizontal	N/A
4**	5218.400	92.15	-3.46	--	--	AV	0.00	300	Horizontal	N/A
5	7546.537	48.19	-1.58	74.0	25.81	Peak	39.00	150	Horizontal	Pass
5**	7546.537	39.80	-1.58	54.0	14.20	AV	39.00	150	Horizontal	Pass
6	12229.625	51.45	2.62	74.0	22.55	Peak	29.00	300	Horizontal	Pass
6**	12229.625	42.37	2.62	54.0	11.63	AV	29.00	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	1327.200	41.68	-17.65	74.0	32.32	Peak	185.00	150	Vertical	Pass
1**	1327.200	30.07	-17.65	54.0	23.93	AV	185.00	150	Vertical	Pass
2	2489.400	47.00	-12.72	74.0	27.00	Peak	189.00	150	Vertical	Pass
2**	2489.400	39.36	-12.72	54.0	14.64	AV	189.00	150	Vertical	Pass
3	4292.000	48.79	-4.76	74.0	25.21	Peak	307.00	150	Vertical	Pass
3**	4292.000	40.05	-4.76	54.0	13.95	AV	307.00	150	Vertical	Pass
4	5224.400	101.40	-3.47	--	--	Peak	154.00	100	Vertical	N/A
4**	5224.400	92.94	-3.47	--	--	AV	154.00	100	Vertical	N/A
5	7541.650	48.15	-1.64	74.0	25.85	Peak	250.00	150	Vertical	Pass
5**	7541.650	39.28	-1.64	54.0	14.72	AV	250.00	150	Vertical	Pass
6	11645.138	50.82	2.50	74.0	23.18	Peak	239.00	200	Vertical	Pass
6**	11645.138	42.38	2.50	54.0	11.62	AV	239.00	200	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	1365.900	37.39	-17.55	74.0	36.61	Peak	61.00	100	Horizontal	Pass
1**	1365.900	28.45	-17.55	54.0	25.55	AV	61.00	100	Horizontal	Pass
2	2734.400	42.62	-10.77	74.0	31.38	Peak	0.00	400	Horizontal	Pass
2**	2734.400	32.31	-10.77	54.0	21.69	AV	0.00	400	Horizontal	Pass
3	4333.000	47.55	-4.76	74.0	26.45	Peak	259.00	150	Horizontal	Pass
3**	4333.000	37.87	-4.76	54.0	16.13	AV	259.00	150	Horizontal	Pass
4	5743.200	100.96	-3.60	--	--	Peak	71.00	100	Horizontal	N/A
4**	5743.200	93.63	-3.60	--	--	AV	71.00	100	Horizontal	N/A
5	7544.813	48.25	-1.60	74.0	25.75	Peak	208.00	200	Horizontal	Pass
5**	7544.813	39.47	-1.60	54.0	14.53	AV	208.00	200	Horizontal	Pass
6	11640.825	51.04	2.45	74.0	22.96	Peak	360.00	200	Horizontal	Pass
6**	11640.825	41.68	2.45	54.0	12.32	AV	360.00	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	1330.000	42.77	-17.70	74.0	31.23	Peak	220.00	200	Vertical	Pass
1**	1330.000	30.95	-17.70	54.0	23.05	AV	220.00	200	Vertical	Pass
2	2489.800	46.73	-12.72	74.0	27.27	Peak	185.00	150	Vertical	Pass
2**	2489.800	37.55	-12.72	54.0	16.45	AV	185.00	150	Vertical	Pass
3	4290.400	47.87	-4.78	74.0	26.13	Peak	66.00	150	Vertical	Pass
3**	4290.400	38.35	-4.78	54.0	15.65	AV	66.00	150	Vertical	Pass
4	5747.000	102.38	-3.59	--	--	Peak	182.00	400	Vertical	N/A
4**	5747.000	95.11	-3.59	--	--	AV	182.00	400	Vertical	N/A
5	7541.650	48.00	-1.64	74.0	26.00	Peak	82.00	150	Vertical	Pass
5**	7541.650	39.85	-1.64	54.0	14.15	AV	82.00	150	Vertical	Pass
6	11678.200	50.87	2.44	74.0	23.13	Peak	103.00	100	Vertical	Pass
6**	11678.200	41.63	2.44	54.0	12.37	AV	103.00	100	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	1315.700	38.19	-17.53	74.0	35.81	Peak	1.00	100	Horizontal	Pass
1**	1315.700	28.30	-17.53	54.0	25.70	AV	1.00	100	Horizontal	Pass
2	2832.800	42.73	-10.73	74.0	31.27	Peak	146.00	200	Horizontal	Pass
2**	2832.800	33.45	-10.73	54.0	20.55	AV	146.00	200	Horizontal	Pass
3	4279.600	47.14	-4.82	74.0	26.86	Peak	0.00	100	Horizontal	Pass
3**	4279.600	38.46	-4.82	54.0	15.54	AV	0.00	100	Horizontal	Pass
4	5783.800	101.37	-3.04	--	--	Peak	72.00	400	Horizontal	N/A
4**	5783.800	94.18	-3.04	--	--	AV	72.00	400	Horizontal	N/A
5	7552.862	48.18	-1.56	74.0	25.82	Peak	332.00	200	Horizontal	Pass
5**	7552.862	39.08	-1.56	54.0	14.92	AV	332.00	200	Horizontal	Pass
6	12232.500	51.21	2.63	74.0	22.79	Peak	360.00	200	Horizontal	Pass
6**	12232.500	41.93	2.63	54.0	12.07	AV	360.00	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	1329.300	42.96	-17.68	74.0	31.04	Peak	214.00	300	Vertical	Pass
1**	1329.300	32.48	-17.68	54.0	21.52	AV	214.00	300	Vertical	Pass
2	2495.200	46.09	-12.61	74.0	27.91	Peak	193.00	150	Vertical	Pass
2**	2495.200	36.72	-12.61	54.0	17.28	AV	193.00	150	Vertical	Pass
3	4207.800	47.26	-5.09	74.0	26.74	Peak	49.00	200	Vertical	Pass
3**	4207.800	37.78	-5.09	54.0	16.22	AV	49.00	200	Vertical	Pass
4	5786.200	102.85	-3.00	--	--	Peak	187.00	100	Vertical	N/A
4**	5786.200	94.94	-3.00	--	--	AV	187.00	100	Vertical	N/A
5	7489.612	48.36	-1.82	74.0	25.64	Peak	154.00	200	Vertical	Pass
5**	7489.612	39.37	-1.82	54.0	14.63	AV	154.00	200	Vertical	Pass
6	11731.675	51.27	1.82	74.0	22.73	Peak	280.00	100	Vertical	Pass
6**	11731.675	41.54	1.82	54.0	12.46	AV	280.00	100	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	1332.400	37.96	-17.74	74.0	36.04	Peak	148.00	200	Horizontal	Pass
1**	1332.400	28.14	-17.74	54.0	25.86	AV	148.00	200	Horizontal	Pass
2	2743.700	42.73	-10.66	74.0	31.27	Peak	360.00	400	Horizontal	Pass
2**	2743.700	32.59	-10.66	54.0	21.41	AV	360.00	400	Horizontal	Pass
3	4339.400	47.57	-4.69	74.0	26.43	Peak	318.00	100	Horizontal	Pass
3**	4339.400	38.55	-4.69	54.0	15.45	AV	318.00	100	Horizontal	Pass
4	5823.600	99.92	-2.75	--	--	Peak	78.00	100	Horizontal	N/A
4**	5823.600	92.06	-2.75	--	--	AV	78.00	100	Horizontal	N/A
5	7546.250	48.62	-1.58	74.0	25.38	Peak	155.00	200	Horizontal	Pass
5**	7546.250	39.22	-1.58	54.0	14.78	AV	155.00	200	Horizontal	Pass
6	11671.588	51.09	2.47	74.0	22.91	Peak	186.00	200	Horizontal	Pass
6**	11671.588	42.53	2.47	54.0	11.47	AV	186.00	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	1327.200	39.16	-17.65	74.0	34.84	Peak	166.00	100	Vertical	Pass
1**	1327.200	28.58	-17.65	54.0	25.42	AV	166.00	100	Vertical	Pass
2	2489.000	46.36	-12.73	74.0	27.64	Peak	193.00	150	Vertical	Pass
2**	2489.000	37.56	-12.73	54.0	16.44	AV	193.00	150	Vertical	Pass
3	4289.600	47.94	-4.77	74.0	26.06	Peak	360.00	200	Vertical	Pass
3**	4289.600	38.42	-4.77	54.0	15.58	AV	360.00	200	Vertical	Pass
4	5827.200	100.77	-2.74	--	--	Peak	184.00	400	Vertical	N/A
4**	5827.200	92.84	-2.74	--	--	AV	184.00	400	Vertical	N/A
5	7561.200	48.47	-1.80	74.0	25.53	Peak	70.00	150	Vertical	Pass
5**	7561.200	39.37	-1.80	54.0	14.63	AV	70.00	150	Vertical	Pass
6	11719.026	51.12	2.01	74.0	22.88	Peak	251.00	400	Vertical	Pass
6**	11719.026	42.17	2.01	54.0	11.83	AV	251.00	400	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	1321.600	38.69	-17.53	74.0	35.31	Peak	360.00	200	Horizontal	Pass
1**	1321.600	28.46	-17.53	54.0	25.54	AV	360.00	200	Horizontal	Pass
2	2845.000	42.81	-10.79	74.0	31.19	Peak	218.00	200	Horizontal	Pass
2**	2845.000	33.38	-10.79	54.0	20.62	AV	218.00	200	Horizontal	Pass
3	4297.400	47.33	-4.90	74.0	26.67	Peak	165.00	100	Horizontal	Pass
3**	4297.400	38.41	-4.90	54.0	15.59	AV	165.00	100	Horizontal	Pass
4	5743.200	99.67	-3.60	--	--	Peak	73.00	200	Horizontal	N/A
4**	5743.200	91.62	-3.60	--	--	AV	73.00	200	Horizontal	N/A
5	7544.813	48.30	-1.60	74.0	25.70	Peak	186.00	200	Horizontal	Pass
5**	7544.813	39.80	-1.60	54.0	14.20	AV	186.00	200	Horizontal	Pass
6	12246.013	51.41	2.65	74.0	22.59	Peak	292.00	300	Horizontal	Pass
6**	12246.013	42.03	2.65	54.0	11.97	AV	292.00	300	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	1330.600	43.04	-17.71	74.0	30.96	Peak	215.00	300	Vertical	Pass
1**	1330.600	32.59	-17.71	54.0	21.41	AV	215.00	300	Vertical	Pass
2	2490.700	45.61	-12.71	74.0	28.39	Peak	185.00	150	Vertical	Pass
2**	2490.700	37.93	-12.71	54.0	16.07	AV	185.00	150	Vertical	Pass
3	4290.000	47.71	-4.77	74.0	26.29	Peak	277.00	150	Vertical	Pass
3**	4290.000	37.74	-4.77	54.0	16.26	AV	277.00	150	Vertical	Pass
4	5743.200	101.37	-3.60	--	--	Peak	190.00	300	Vertical	N/A
4**	5743.200	94.02	-3.60	--	--	AV	190.00	300	Vertical	N/A
5	7544.237	48.51	-1.62	74.0	25.49	Peak	332.00	150	Vertical	Pass
5**	7544.237	39.61	-1.62	54.0	14.39	AV	332.00	150	Vertical	Pass
6	12233.362	51.18	2.63	74.0	22.82	Peak	60.00	100	Vertical	Pass
6**	12233.362	41.73	2.63	54.0	12.27	AV	60.00	100	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	1330.800	37.49	-17.71	74.0	36.51	Peak	225.00	400	Horizontal	Pass
1**	1330.800	27.54	-17.71	54.0	26.46	AV	225.00	400	Horizontal	Pass
2	2821.100	43.23	-10.57	74.0	30.77	Peak	311.00	300	Horizontal	Pass
2**	2821.100	33.33	-10.57	54.0	20.67	AV	311.00	300	Horizontal	Pass
3	4357.200	47.53	-4.99	74.0	26.47	Peak	259.00	100	Horizontal	Pass
3**	4357.200	37.59	-4.99	54.0	16.41	AV	259.00	100	Horizontal	Pass
4	5787.600	99.06	-2.96	--	--	Peak	72.00	100	Horizontal	N/A
4**	5787.600	91.42	-2.96	--	--	AV	72.00	100	Horizontal	N/A
5	7554.300	49.07	-1.56	74.0	24.93	Peak	38.00	200	Horizontal	Pass
5**	7554.300	39.63	-1.56	54.0	14.37	AV	38.00	200	Horizontal	Pass
6	12241.988	51.07	2.65	74.0	22.93	Peak	360.00	100	Horizontal	Pass
6**	12241.988	41.70	2.65	54.0	12.30	AV	360.00	100	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	1328.600	40.58	-17.66	74.0	33.42	Peak	175.00	400	Vertical	Pass
1**	1328.600	31.25	-17.66	54.0	22.75	AV	175.00	400	Vertical	Pass
2	2489.700	45.89	-12.72	74.0	28.11	Peak	184.00	150	Vertical	Pass
2**	2489.700	37.94	-12.72	54.0	16.06	AV	184.00	150	Vertical	Pass
3	4324.800	48.17	-4.87	74.0	25.83	Peak	353.00	150	Vertical	Pass
3**	4324.800	38.87	-4.87	54.0	15.13	AV	353.00	150	Vertical	Pass
4	5784.400	100.00	-3.03	--	--	Peak	185.00	400	Vertical	N/A
4**	5784.400	92.70	-3.03	--	--	AV	185.00	400	Vertical	N/A
5	7441.600	48.07	-2.36	74.0	25.93	Peak	185.00	200	Vertical	Pass
5**	7441.600	38.03	-2.36	54.0	15.97	AV	185.00	200	Vertical	Pass
6	12225.599	51.17	2.61	74.0	22.83	Peak	111.00	300	Vertical	Pass
6**	12225.599	42.14	2.61	54.0	11.86	AV	111.00	300	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	1366.300	38.52	-17.56	74.0	35.48	Peak	343.00	400	Horizontal	Pass
1**	1366.300	28.06	-17.56	54.0	25.94	AV	343.00	400	Horizontal	Pass
2	2873.800	42.94	-10.58	74.0	31.06	Peak	317.00	100	Horizontal	Pass
2**	2873.800	32.67	-10.58	54.0	21.33	AV	317.00	100	Horizontal	Pass
3	4299.400	47.83	-4.88	74.0	26.17	Peak	223.00	200	Horizontal	Pass
3**	4299.400	39.30	-4.88	54.0	14.70	AV	223.00	200	Horizontal	Pass
4	5823.600	98.61	-2.75	--	--	Peak	72.00	200	Horizontal	N/A
4**	5823.600	90.98	-2.75	--	--	AV	72.00	200	Horizontal	N/A
5	7556.313	49.10	-1.65	74.0	24.90	Peak	122.00	100	Horizontal	Pass
5**	7556.313	39.54	-1.65	54.0	14.46	AV	122.00	100	Horizontal	Pass
6	12230.200	51.38	2.62	74.0	22.62	Peak	133.00	100	Horizontal	Pass
6**	12230.200	42.16	2.62	54.0	11.84	AV	133.00	100	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	1331.400	41.75	-17.73	74.0	32.25	Peak	165.00	200	Vertical	Pass
1**	1331.400	30.69	-17.73	54.0	23.31	AV	165.00	200	Vertical	Pass
2	2490.400	46.11	-12.71	74.0	27.89	Peak	195.00	150	Vertical	Pass
2**	2490.400	37.77	-12.71	54.0	16.23	AV	195.00	150	Vertical	Pass
3	4271.800	47.42	-4.78	74.0	26.58	Peak	153.00	150	Vertical	Pass
3**	4271.800	37.82	-4.78	54.0	16.18	AV	153.00	150	Vertical	Pass
4	5826.200	99.35	-2.74	--	--	Peak	182.00	100	Vertical	N/A
4**	5826.200	91.37	-2.74	--	--	AV	182.00	100	Vertical	N/A
5	7388.700	48.14	-1.74	74.0	25.86	Peak	165.00	100	Vertical	Pass
5**	7388.700	38.47	-1.74	54.0	15.53	AV	165.00	100	Vertical	Pass
6	11652.612	51.78	2.55	74.0	22.22	Peak	218.00	400	Vertical	Pass
6**	11652.612	41.57	2.55	54.0	12.43	AV	218.00	400	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	1328.700	39.42	-17.66	74.0	34.58	Peak	59.00	400	Horizontal	Pass
1**	1328.700	28.25	-17.66	54.0	25.75	AV	59.00	400	Horizontal	Pass
2	2803.900	43.05	-11.08	74.0	30.95	Peak	95.00	300	Horizontal	Pass
2**	2803.900	33.03	-11.08	54.0	20.97	AV	95.00	300	Horizontal	Pass
3	4298.600	47.47	-4.89	74.0	26.53	Peak	100.00	200	Horizontal	Pass
3**	4298.600	38.49	-4.89	54.0	15.51	AV	100.00	200	Horizontal	Pass
4	5757.600	96.54	-3.51	--	--	Peak	66.00	200	Horizontal	N/A
4**	5757.600	89.70	-3.51	--	--	AV	66.00	200	Horizontal	N/A
5	7464.312	48.05	-2.09	74.0	25.95	Peak	360.00	200	Horizontal	Pass
5**	7464.312	38.65	-2.09	54.0	15.35	AV	360.00	200	Horizontal	Pass
6	12282.237	51.52	2.39	74.0	22.48	Peak	207.00	300	Horizontal	Pass
6**	12282.237	41.94	2.39	54.0	12.06	AV	207.00	300	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	1332.600	41.30	-17.75	74.0	32.70	Peak	360.00	200	Vertical	Pass
1**	1332.600	29.81	-17.75	54.0	24.19	AV	360.00	200	Vertical	Pass
2	2493.700	45.68	-12.66	74.0	28.32	Peak	190.00	150	Vertical	Pass
2**	2493.700	35.36	-12.66	54.0	18.64	AV	190.00	150	Vertical	Pass
3	4201.800	47.16	-5.22	74.0	26.84	Peak	1.00	150	Vertical	Pass
3**	4201.800	38.79	-5.22	54.0	15.21	AV	1.00	150	Vertical	Pass
4	5751.000	98.16	-3.56	--	--	Peak	187.00	400	Vertical	N/A
4**	5751.000	89.02	-3.56	--	--	AV	187.00	400	Vertical	N/A
5	7548.263	48.46	-1.59	74.0	25.54	Peak	313.00	200	Vertical	Pass
5**	7548.263	39.63	-1.59	54.0	14.37	AV	313.00	200	Vertical	Pass
6	11681.362	51.57	2.43	74.0	22.43	Peak	187.00	100	Vertical	Pass
6**	11681.362	42.90	2.43	54.0	11.10	AV	187.00	100	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	1327.200	39.52	-17.65	74.0	34.48	Peak	58.00	200	Horizontal	Pass
1**	1327.200	28.31	-17.65	54.0	25.69	AV	58.00	200	Horizontal	Pass
2	2816.900	43.07	-10.65	74.0	30.93	Peak	306.00	200	Horizontal	Pass
2**	2816.900	33.26	-10.65	54.0	20.74	AV	306.00	200	Horizontal	Pass
3	4205.600	47.62	-5.12	74.0	26.38	Peak	175.00	200	Horizontal	Pass
3**	4205.600	38.05	-5.12	54.0	15.95	AV	175.00	200	Horizontal	Pass
4	5793.200	96.99	-2.83	--	--	Peak	290.00	400	Horizontal	N/A
4**	5793.200	89.43	-2.83	--	--	AV	290.00	400	Horizontal	N/A
5	7560.625	48.43	-1.78	74.0	25.57	Peak	353.00	150	Horizontal	Pass
5**	7560.625	38.87	-1.78	54.0	15.13	AV	353.00	150	Horizontal	Pass
6	11704.937	51.08	2.23	74.0	22.92	Peak	360.00	200	Horizontal	Pass
6**	11704.937	41.45	2.23	54.0	12.55	AV	360.00	200	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	1328.000	43.88	-17.65	74.0	30.12	Peak	211.00	100	Vertical	Pass
1**	1328.000	36.30	-17.65	54.0	17.70	AV	211.00	100	Vertical	Pass
2	2491.500	46.20	-12.71	74.0	27.80	Peak	185.00	150	Vertical	Pass
2**	2491.500	36.51	-12.71	54.0	17.49	AV	185.00	150	Vertical	Pass
3	4300.000	47.18	-4.88	74.0	26.82	Peak	125.00	150	Vertical	Pass
3**	4300.000	38.46	-4.88	54.0	15.54	AV	125.00	150	Vertical	Pass
4	5798.600	98.24	-2.70	--	--	Peak	183.00	400	Vertical	N/A
4**	5798.600	89.83	-2.70	--	--	AV	183.00	400	Vertical	N/A
5	7403.650	48.29	-1.67	74.0	25.71	Peak	206.00	150	Vertical	Pass
5**	7403.650	38.87	-1.67	54.0	15.13	AV	206.00	150	Vertical	Pass
6	11664.975	50.93	2.50	74.0	23.07	Peak	360.00	200	Vertical	Pass
6**	11664.975	42.19	2.50	54.0	11.81	AV	360.00	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	1321.400	38.33	-17.53	74.0	35.67	Peak	11.00	300	Horizontal	Pass
1**	1321.400	28.78	-17.53	54.0	25.22	AV	11.00	300	Horizontal	Pass
2	2878.600	42.97	-10.35	74.0	31.03	Peak	280.00	300	Horizontal	Pass
2**	2878.600	33.52	-10.35	54.0	20.48	AV	280.00	300	Horizontal	Pass
3	4288.800	47.58	-4.77	74.0	26.42	Peak	254.00	100	Horizontal	Pass
3**	4288.800	38.18	-4.77	54.0	15.82	AV	254.00	100	Horizontal	Pass
4	5749.200	101.52	-3.59	--	--	Peak	203.00	400	Horizontal	N/A
4**	5749.200	92.64	-3.59	--	--	AV	203.00	400	Horizontal	N/A
5	7547.975	48.39	-1.58	74.0	25.61	Peak	195.00	200	Horizontal	Pass
5**	7547.975	40.37	-1.58	54.0	13.63	AV	195.00	200	Horizontal	Pass
6	11789.463	51.22	1.16	74.0	22.78	Peak	111.00	100	Horizontal	Pass
6**	11789.463	40.49	1.16	54.0	13.51	AV	111.00	100	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	1329.200	41.15	-17.68	74.0	32.85	Peak	152.00	300	Vertical	Pass
1**	1329.200	29.58	-17.68	54.0	24.42	AV	152.00	300	Vertical	Pass
2	2491.500	45.75	-12.71	74.0	28.25	Peak	185.00	150	Vertical	Pass
2**	2491.500	36.93	-12.71	54.0	17.07	AV	185.00	150	Vertical	Pass
3	4341.200	47.57	-4.65	74.0	26.43	Peak	98.00	100	Vertical	Pass
3**	4341.200	38.34	-4.65	54.0	15.66	AV	98.00	100	Vertical	Pass
4	5746.200	104.36	-3.59	--	--	Peak	48.00	400	Vertical	N/A
4**	5746.200	99.31	-3.59	--	--	AV	48.00	400	Vertical	N/A
5	7534.750	48.20	-1.75	74.0	25.80	Peak	49.00	200	Vertical	Pass
5**	7534.750	38.29	-1.75	54.0	15.71	AV	49.00	200	Vertical	Pass
6	11666.413	50.95	2.49	74.0	23.05	Peak	259.00	400	Vertical	Pass
6**	11666.413	42.21	2.49	54.0	11.79	AV	259.00	400	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	1364.700	37.70	-17.51	74.0	36.30	Peak	208.00	100	Horizontal	Pass
1**	1364.700	28.09	-17.51	54.0	25.91	AV	208.00	100	Horizontal	Pass
2	2798.400	42.36	-11.14	74.0	31.64	Peak	174.00	300	Horizontal	Pass
2**	2798.400	32.93	-11.14	54.0	21.07	AV	174.00	300	Horizontal	Pass
3	4300.000	48.64	-4.88	74.0	25.36	Peak	189.00	200	Horizontal	Pass
3**	4300.000	39.13	-4.88	54.0	14.87	AV	189.00	200	Horizontal	Pass
4	5784.000	101.89	-3.04	--	--	Peak	168.00	400	Horizontal	N/A
4**	5784.000	93.83	-3.04	--	--	AV	168.00	400	Horizontal	N/A
5	7524.112	47.67	-1.61	74.0	26.33	Peak	248.00	150	Horizontal	Pass
5**	7524.112	38.70	-1.61	54.0	15.30	AV	248.00	150	Horizontal	Pass
6	12271.600	51.00	2.48	74.0	23.00	Peak	360.00	400	Horizontal	Pass
6**	12271.600	41.52	2.48	54.0	12.48	AV	360.00	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	1332.500	40.62	-17.75	74.0	33.38	Peak	135.00	200	Vertical	Pass
1**	1332.500	29.40	-17.75	54.0	24.60	AV	135.00	200	Vertical	Pass
2	2493.400	46.23	-12.68	74.0	27.77	Peak	186.00	150	Vertical	Pass
2**	2493.400	35.73	-12.68	54.0	18.27	AV	186.00	150	Vertical	Pass
3	4337.600	47.81	-4.68	74.0	26.19	Peak	303.00	150	Vertical	Pass
3**	4337.600	38.05	-4.68	54.0	15.95	AV	303.00	150	Vertical	Pass
4	5786.400	105.04	-2.99	--	--	Peak	60.00	300	Vertical	N/A
4**	5786.400	96.15	-2.99	--	--	AV	60.00	300	Vertical	N/A
5	7524.975	48.45	-1.61	74.0	25.55	Peak	332.00	150	Vertical	Pass
5**	7524.975	38.51	-1.61	54.0	15.49	AV	332.00	150	Vertical	Pass
6	11687.400	51.80	2.41	74.0	22.20	Peak	237.00	300	Vertical	Pass
6**	11687.400	41.43	2.41	54.0	12.57	AV	237.00	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	1332.300	37.64	-17.74	74.0	36.36	Peak	75.00	400	Horizontal	Pass
1**	1332.300	28.04	-17.74	54.0	25.96	AV	75.00	400	Horizontal	Pass
2	2875.800	42.62	-10.54	74.0	31.38	Peak	178.00	300	Horizontal	Pass
2**	2875.800	33.99	-10.54	54.0	20.01	AV	178.00	300	Horizontal	Pass
3	4136.000	47.11	-5.55	74.0	26.89	Peak	25.00	100	Horizontal	Pass
3**	4136.000	37.41	-5.55	54.0	16.59	AV	25.00	100	Horizontal	Pass
4	5824.800	99.38	-2.75	--	--	Peak	182.00	300	Horizontal	N/A
4**	5824.800	91.24	-2.75	--	--	AV	182.00	300	Horizontal	N/A
5	7544.813	48.07	-1.60	74.0	25.93	Peak	351.00	150	Horizontal	Pass
5**	7544.813	39.23	-1.60	54.0	14.77	AV	351.00	150	Horizontal	Pass
6	12240.263	51.08	2.64	74.0	22.92	Peak	91.00	200	Horizontal	Pass
6**	12240.263	42.82	2.64	54.0	11.18	AV	91.00	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	1329.400	44.66	-17.68	74.0	29.34	Peak	220.00	200	Vertical	Pass
1**	1329.400	28.60	-17.68	54.0	25.40	AV	220.00	200	Vertical	Pass
2	2493.600	45.78	-12.67	74.0	28.22	Peak	181.00	150	Vertical	Pass
2**	2493.600	36.19	-12.67	54.0	17.81	AV	181.00	150	Vertical	Pass
3	4252.400	47.37	-4.72	74.0	26.63	Peak	119.00	200	Vertical	Pass
3**	4252.400	37.83	-4.72	54.0	16.17	AV	119.00	200	Vertical	Pass
4	5826.600	104.35	-2.74	--	--	Peak	27.00	300	Vertical	N/A
4**	5826.600	97.10	-2.74	--	--	AV	27.00	300	Vertical	N/A
5	7555.737	48.99	-1.62	74.0	25.01	Peak	360.00	150	Vertical	Pass
5**	7555.737	39.83	-1.62	54.0	14.17	AV	360.00	150	Vertical	Pass
6	12221.000	50.75	2.60	74.0	23.25	Peak	133.00	400	Vertical	Pass
6**	12221.000	41.71	2.60	54.0	12.29	AV	133.00	400	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	1043.700	44.72	-18.51	74.0	29.28	Peak	290.00	150	Horizontal	Pass
1**	1043.700	27.01	-18.51	54.0	26.99	AV	290.00	150	Horizontal	Pass
2	2866.900	42.46	-10.60	74.0	31.54	Peak	34.00	200	Horizontal	Pass
2**	2866.900	33.31	-10.60	54.0	20.69	AV	34.00	200	Horizontal	Pass
3	4221.400	47.14	-4.72	74.0	26.86	Peak	221.00	100	Horizontal	Pass
3**	4221.400	38.09	-4.72	54.0	15.91	AV	221.00	100	Horizontal	Pass
4	5745.600	98.38	-3.59	--	--	Peak	172.00	400	Horizontal	N/A
4**	5745.600	88.89	-3.59	--	--	AV	172.00	400	Horizontal	N/A
5	7472.650	47.83	-2.00	74.0	26.17	Peak	330.00	100	Horizontal	Pass
5**	7472.650	38.53	-2.00	54.0	15.47	AV	330.00	100	Horizontal	Pass
6	12256.650	51.40	2.61	74.0	22.60	Peak	49.00	100	Horizontal	Pass
6**	12256.650	41.36	2.61	54.0	12.64	AV	49.00	100	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	1330.000	45.15	-17.70	74.0	28.85	Peak	218.00	200	Vertical	Pass
1**	1330.000	29.34	-17.70	54.0	24.66	AV	218.00	200	Vertical	Pass
2	2488.600	45.83	-12.74	74.0	28.17	Peak	190.00	150	Vertical	Pass
2**	2488.600	37.42	-12.74	54.0	16.58	AV	190.00	150	Vertical	Pass
3	4197.400	47.51	-5.26	74.0	26.49	Peak	0.00	200	Vertical	Pass
3**	4197.400	38.43	-5.26	54.0	15.57	AV	0.00	200	Vertical	Pass
4	5751.400	101.67	-3.54	--	--	Peak	61.00	100	Vertical	N/A
4**	5751.400	95.95	-3.54	--	--	AV	61.00	100	Vertical	N/A
5	7552.862	48.48	-1.56	74.0	25.52	Peak	90.00	100	Vertical	Pass
5**	7552.862	39.39	-1.56	54.0	14.61	AV	90.00	100	Vertical	Pass
6	12245.437	51.90	2.65	74.0	22.10	Peak	214.00	200	Vertical	Pass
6**	12245.437	42.67	2.65	54.0	11.33	AV	214.00	200	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	1333.500	38.67	-17.75	74.0	35.33	Peak	51.00	100	Horizontal	Pass
1**	1333.500	28.37	-17.75	54.0	25.63	AV	51.00	100	Horizontal	Pass
2	2797.100	42.71	-11.14	74.0	31.29	Peak	84.00	200	Horizontal	Pass
2**	2797.100	33.25	-11.14	54.0	20.75	AV	84.00	200	Horizontal	Pass
3	4277.000	47.58	-4.75	74.0	26.42	Peak	188.00	200	Horizontal	Pass
3**	4277.000	39.46	-4.75	54.0	14.54	AV	188.00	200	Horizontal	Pass
4	5802.000	98.12	-2.68	--	--	Peak	74.00	400	Horizontal	N/A
4**	5802.000	90.08	-2.68	--	--	AV	74.00	400	Horizontal	N/A
5	7540.500	48.03	-1.66	74.0	25.97	Peak	320.00	150	Horizontal	Pass
5**	7540.500	39.63	-1.66	54.0	14.37	AV	320.00	150	Horizontal	Pass
6	12386.600	50.94	1.84	74.0	23.06	Peak	195.00	300	Horizontal	Pass
6**	12386.600	41.75	1.84	54.0	12.25	AV	195.00	300	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	1333.600	42.39	-17.75	74.0	31.61	Peak	209.00	300	Vertical	Pass
1**	1333.600	34.04	-17.75	54.0	19.96	AV	209.00	300	Vertical	Pass
2	2490.800	46.20	-12.71	74.0	27.80	Peak	180.00	150	Vertical	Pass
2**	2490.800	37.42	-12.71	54.0	16.58	AV	180.00	150	Vertical	Pass
3	4334.400	47.13	-4.77	74.0	26.87	Peak	225.00	200	Vertical	Pass
3**	4334.400	38.46	-4.77	54.0	15.54	AV	225.00	200	Vertical	Pass
4	5792.400	102.67	-2.85	--	--	Peak	31.00	400	Vertical	N/A
4**	5792.400	94.32	-2.85	--	--	AV	31.00	400	Vertical	N/A
5	7553.438	48.13	-1.56	74.0	25.87	Peak	0.00	150	Vertical	Pass
5**	7553.438	39.41	-1.56	54.0	14.59	AV	0.00	150	Vertical	Pass
6	12333.125	50.78	2.13	74.0	23.22	Peak	359.00	100	Vertical	Pass
6**	12333.125	41.91	2.13	54.0	12.09	AV	359.00	100	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	1504.500	38.39	-17.86	74.0	35.61	Peak	225.00	150	Horizontal	Pass
1**	1504.500	29.33	-17.86	54.0	24.67	AV	225.00	150	Horizontal	Pass
2	2818.200	43.14	-10.61	74.0	30.86	Peak	350.00	300	Horizontal	Pass
2**	2818.200	32.94	-10.61	54.0	21.06	AV	350.00	300	Horizontal	Pass
3	4287.600	47.64	-4.76	74.0	26.36	Peak	2.00	100	Horizontal	Pass
3**	4287.600	38.62	-4.76	54.0	15.38	AV	2.00	100	Horizontal	Pass
4	5767.400	96.20	-3.40	--	--	Peak	202.00	300	Horizontal	N/A
4**	5767.400	89.09	-3.40	--	--	AV	202.00	300	Horizontal	N/A
5	7541.362	49.29	-1.65	74.0	24.71	Peak	164.00	200	Horizontal	Pass
5**	7541.362	39.12	-1.65	54.0	14.88	AV	164.00	200	Horizontal	Pass
6	11662.387	51.00	2.51	74.0	23.00	Peak	122.00	200	Horizontal	Pass
6**	11662.387	42.32	2.51	54.0	11.68	AV	122.00	200	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	1331.800	42.36	-17.73	74.0	31.64	Peak	225.00	300	Vertical	Pass
1**	1331.800	28.48	-17.73	54.0	25.52	AV	225.00	300	Vertical	Pass
2	2495.000	46.04	-12.60	74.0	27.96	Peak	193.00	150	Vertical	Pass
2**	2495.000	37.00	-12.60	54.0	17.00	AV	193.00	150	Vertical	Pass
3	4323.600	48.26	-4.89	74.0	25.74	Peak	147.00	200	Vertical	Pass
3**	4323.600	37.87	-4.89	54.0	16.13	AV	147.00	200	Vertical	Pass
4	5771.400	98.87	-3.25	--	--	Peak	55.00	200	Vertical	N/A
4**	5771.400	91.98	-3.25	--	--	AV	55.00	200	Vertical	N/A
5	7557.463	48.29	-1.67	74.0	25.71	Peak	38.00	150	Vertical	Pass
5**	7557.463	39.32	-1.67	54.0	14.68	AV	38.00	150	Vertical	Pass
6	12247.737	50.83	2.66	74.0	23.17	Peak	267.00	100	Vertical	Pass
6**	12247.737	41.72	2.66	54.0	12.28	AV	267.00	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	1597.000	38.09	-17.78	74.0	35.91	Peak	260.00	200	Horizontal	Pass
1**	1597.000	30.02	-17.78	54.0	23.98	AV	260.00	200	Horizontal	Pass
2	2876.000	43.87	-10.52	74.0	30.13	Peak	0.00	100	Horizontal	Pass
2**	2876.000	34.81	-10.52	54.0	19.19	AV	0.00	100	Horizontal	Pass
3	4286.200	47.95	-4.73	74.0	26.05	Peak	184.00	150	Horizontal	Pass
3**	4286.200	39.12	-4.73	54.0	14.88	AV	184.00	150	Horizontal	Pass
4	5181.000	101.74	-3.18	--	--	Peak	62.00	200	Horizontal	N/A
4**	5181.000	94.35	-3.18	--	--	AV	62.00	200	Horizontal	N/A
5	7537.625	48.31	-1.70	74.0	25.69	Peak	17.00	150	Horizontal	Pass
5**	7537.625	39.40	-1.70	54.0	14.60	AV	17.00	150	Horizontal	Pass
6	11655.487	50.85	2.53	74.0	23.15	Peak	154.00	300	Horizontal	Pass
6**	11655.487	42.45	2.53	54.0	11.55	AV	154.00	300	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	1466.700	39.73	-17.76	74.0	34.27	Peak	161.00	200	Vertical	Pass
1**	1466.700	29.51	-17.76	54.0	24.49	AV	161.00	200	Vertical	Pass
2	2490.900	46.52	-12.71	74.0	27.48	Peak	178.00	150	Vertical	Pass
2**	2490.900	36.91	-12.71	54.0	17.09	AV	178.00	150	Vertical	Pass
3	4285.800	48.31	-4.72	74.0	25.69	Peak	0.00	200	Vertical	Pass
3**	4285.800	39.14	-4.72	54.0	14.86	AV	0.00	200	Vertical	Pass
4	5178.000	106.57	-3.15	--	--	Peak	177.00	200	Vertical	N/A
4**	5178.000	98.63	-3.15	--	--	AV	177.00	200	Vertical	N/A
5	7547.687	48.91	-1.58	74.0	25.09	Peak	291.00	200	Vertical	Pass
5**	7547.687	40.05	-1.58	54.0	13.95	AV	291.00	200	Vertical	Pass
6	12234.800	51.67	2.63	74.0	22.33	Peak	227.00	200	Vertical	Pass
6**	12234.800	42.26	2.63	54.0	11.74	AV	227.00	200	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	1466.700	39.38	-17.76	74.0	34.62	Peak	239.00	200	Horizontal	Pass
1**	1466.700	28.08	-17.76	54.0	25.92	AV	239.00	200	Horizontal	Pass
2	2836.900	43.98	-10.82	74.0	30.02	Peak	348.00	200	Horizontal	Pass
2**	2836.900	34.23	-10.82	54.0	19.77	AV	348.00	200	Horizontal	Pass
3	4219.000	48.62	-4.76	74.0	25.38	Peak	342.00	150	Horizontal	Pass
3**	4219.000	38.89	-4.76	54.0	15.11	AV	342.00	150	Horizontal	Pass
4	5218.800	102.81	-3.47	--	--	Peak	65.00	100	Horizontal	N/A
4**	5218.800	95.44	-3.47	--	--	AV	65.00	100	Horizontal	N/A
5	7497.950	48.62	-1.87	74.0	25.38	Peak	6.00	100	Horizontal	Pass
5**	7497.950	38.96	-1.87	54.0	15.04	AV	6.00	100	Horizontal	Pass
6	12260.963	51.11	2.57	74.0	22.89	Peak	290.00	200	Horizontal	Pass
6**	12260.963	41.43	2.57	54.0	12.57	AV	290.00	200	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	1599.300	41.40	-17.73	74.0	32.60	Peak	106.00	200	Vertical	Pass
1**	1599.300	33.23	-17.73	54.0	20.77	AV	106.00	200	Vertical	Pass
2	2490.800	46.58	-12.71	74.0	27.42	Peak	201.00	150	Vertical	Pass
2**	2490.800	39.10	-12.71	54.0	14.90	AV	201.00	150	Vertical	Pass
3	4335.800	48.32	-4.74	74.0	25.68	Peak	334.00	200	Vertical	Pass
3**	4335.800	38.43	-4.74	54.0	15.57	AV	334.00	200	Vertical	Pass
4	5220.800	106.51	-3.43	--	--	Peak	163.00	200	Vertical	N/A
4**	5220.800	98.51	-3.43	--	--	AV	163.00	200	Vertical	N/A
5	7561.200	48.77	-1.80	74.0	25.23	Peak	360.00	200	Vertical	Pass
5**	7561.200	39.04	-1.80	54.0	14.96	AV	360.00	200	Vertical	Pass
6	11688.838	50.99	2.39	74.0	23.01	Peak	0.00	200	Vertical	Pass
6**	11688.838	42.03	2.39	54.0	11.97	AV	0.00	200	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	1500.000	38.13	-17.70	74.0	35.87	Peak	88.00	400	Horizontal	Pass
1**	1500.000	29.09	-17.70	54.0	24.91	AV	88.00	400	Horizontal	Pass
2	2846.600	43.84	-10.80	74.0	30.16	Peak	80.00	400	Horizontal	Pass
2**	2846.600	33.93	-10.80	54.0	20.07	AV	80.00	400	Horizontal	Pass
3	4275.000	48.05	-4.77	74.0	25.95	Peak	190.00	100	Horizontal	Pass
3**	4275.000	40.02	-4.77	54.0	13.98	AV	190.00	100	Horizontal	Pass
4	5241.400	102.12	-3.70	--	--	Peak	67.00	300	Horizontal	N/A
4**	5241.400	94.41	-3.70	--	--	AV	67.00	300	Horizontal	N/A
5	7555.450	48.44	-1.61	74.0	25.56	Peak	291.00	200	Horizontal	Pass
5**	7555.450	39.21	-1.61	54.0	14.79	AV	291.00	200	Horizontal	Pass
6	12235.375	50.74	2.63	74.0	23.26	Peak	197.00	300	Horizontal	Pass
6**	12235.375	42.07	2.63	54.0	11.93	AV	197.00	300	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	1333.000	42.43	-17.75	74.0	31.57	Peak	208.00	150	Vertical	Pass
1**	1333.000	29.34	-17.75	54.0	24.66	AV	208.00	150	Vertical	Pass
2	2496.600	46.31	-12.67	74.0	27.69	Peak	203.00	150	Vertical	Pass
2**	2496.600	36.76	-12.67	54.0	17.24	AV	203.00	150	Vertical	Pass
3	4207.400	48.90	-5.10	74.0	25.10	Peak	184.00	100	Vertical	Pass
3**	4207.400	38.55	-5.10	54.0	15.45	AV	184.00	100	Vertical	Pass
4	5241.000	105.37	-3.70	--	--	Peak	176.00	200	Vertical	N/A
4**	5241.000	98.54	-3.70	--	--	AV	176.00	200	Vertical	N/A
5	7589.663	47.86	-2.31	74.0	26.14	Peak	260.00	150	Vertical	Pass
5**	7589.663	38.68	-2.31	54.0	15.32	AV	260.00	150	Vertical	Pass
6	11680.213	50.95	2.44	74.0	23.05	Peak	123.00	200	Vertical	Pass
6**	11680.213	42.30	2.44	54.0	11.70	AV	123.00	200	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	1487.000	38.51	-17.73	74.0	35.49	Peak	93.00	400	Horizontal	Pass
1**	1487.000	28.45	-17.73	54.0	25.55	AV	93.00	400	Horizontal	Pass
2	2738.000	44.39	-10.72	74.0	29.61	Peak	118.00	300	Horizontal	Pass
2**	2738.000	34.77	-10.72	54.0	19.23	AV	118.00	300	Horizontal	Pass
3	4311.800	48.11	-5.00	74.0	25.89	Peak	139.00	150	Horizontal	Pass
3**	4311.800	38.65	-5.00	54.0	15.35	AV	139.00	150	Horizontal	Pass
4	5178.600	99.84	-3.14	--	--	Peak	62.00	400	Horizontal	N/A
4**	5178.600	92.91	-3.14	--	--	AV	62.00	400	Horizontal	N/A
5	7554.013	48.23	-1.56	74.0	25.77	Peak	80.00	150	Horizontal	Pass
5**	7554.013	39.60	-1.56	54.0	14.40	AV	80.00	150	Horizontal	Pass
6	11657.787	51.67	2.52	74.0	22.33	Peak	237.00	400	Horizontal	Pass
6**	11657.787	41.41	2.52	54.0	12.59	AV	237.00	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	1064.600	40.52	-18.58	74.0	33.48	Peak	226.00	150	Vertical	Pass
1**	1064.600	32.91	-18.58	54.0	21.09	AV	226.00	150	Vertical	Pass
2	2495.000	46.36	-12.60	74.0	27.64	Peak	192.00	150	Vertical	Pass
2**	2495.000	36.46	-12.60	54.0	17.54	AV	192.00	150	Vertical	Pass
3	4280.400	48.44	-4.80	74.0	25.56	Peak	68.00	100	Vertical	Pass
3**	4280.400	39.74	-4.80	54.0	14.26	AV	68.00	100	Vertical	Pass
4	5180.000	104.87	-3.16	--	--	Peak	177.00	100	Vertical	N/A
4**	5180.000	96.33	-3.16	--	--	AV	177.00	100	Vertical	N/A
5	7546.250	47.87	-1.58	74.0	26.13	Peak	291.00	100	Vertical	Pass
5**	7546.250	39.93	-1.58	54.0	14.07	AV	291.00	100	Vertical	Pass
6	11673.312	50.86	2.46	74.0	23.14	Peak	360.00	400	Vertical	Pass
6**	11673.312	41.66	2.46	54.0	12.34	AV	360.00	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	1598.400	39.00	-17.73	74.0	35.00	Peak	306.00	150	Horizontal	Pass
1**	1598.400	30.46	-17.73	54.0	23.54	AV	306.00	150	Horizontal	Pass
2	2746.400	44.28	-10.77	74.0	29.72	Peak	126.00	150	Horizontal	Pass
2**	2746.400	34.50	-10.77	54.0	19.50	AV	126.00	150	Horizontal	Pass
3	4271.600	48.98	-4.79	74.0	25.02	Peak	360.00	150	Horizontal	Pass
3**	4271.600	39.52	-4.79	54.0	14.48	AV	360.00	150	Horizontal	Pass
4	5221.200	101.22	-3.42	--	--	Peak	360.00	150	Horizontal	N/A
4**	5221.200	94.08	-3.42	--	--	AV	360.00	150	Horizontal	N/A
5	7565.225	47.92	-1.92	74.0	26.08	Peak	206.00	150	Horizontal	Pass
5**	7565.225	38.42	-1.92	54.0	15.58	AV	206.00	150	Horizontal	Pass
6	12229.625	51.26	2.62	74.0	22.74	Peak	101.00	150	Horizontal	Pass
6**	12229.625	41.58	2.62	54.0	12.42	AV	101.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1594.700	39.98	-17.82	74.0	34.02	Peak	78.00	200	Vertical	Pass
1**	1594.700	29.08	-17.82	54.0	24.92	AV	78.00	200	Vertical	Pass
2	2489.900	46.80	-12.72	74.0	27.20	Peak	207.00	150	Vertical	Pass
2**	2489.900	37.56	-12.72	54.0	16.44	AV	207.00	150	Vertical	Pass
3	4800.000	50.36	-3.53	74.0	23.64	Peak	30.00	150	Vertical	Pass
3**	4800.000	42.74	-3.53	54.0	11.26	AV	30.00	150	Vertical	Pass
4	5218.200	104.80	-3.45	--	--	Peak	161.00	400	Vertical	N/A
4**	5218.200	97.13	-3.45	--	--	AV	161.00	400	Vertical	N/A
5	7544.813	48.00	-1.60	74.0	26.00	Peak	101.00	200	Vertical	Pass
5**	7544.813	38.94	-1.60	54.0	15.06	AV	101.00	200	Vertical	Pass
6	11680.213	50.82	2.44	74.0	23.18	Peak	165.00	100	Vertical	Pass
6**	11680.213	42.04	2.44	54.0	11.96	AV	165.00	100	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	1596.500	39.09	-17.81	74.0	34.91	Peak	236.00	400	Horizontal	Pass
1**	1596.500	29.24	-17.81	54.0	24.76	AV	236.00	400	Horizontal	Pass
2	2876.200	44.29	-10.51	74.0	29.71	Peak	192.00	400	Horizontal	Pass
2**	2876.200	34.70	-10.51	54.0	19.30	AV	192.00	400	Horizontal	Pass
3	4264.400	48.31	-4.80	74.0	25.69	Peak	197.00	150	Horizontal	Pass
3**	4264.400	39.09	-4.80	54.0	14.91	AV	197.00	150	Horizontal	Pass
4	5241.000	100.57	-3.70	--	--	Peak	61.00	100	Horizontal	N/A
4**	5241.000	93.76	-3.70	--	--	AV	61.00	100	Horizontal	N/A
5	7556.313	48.38	-1.65	74.0	25.62	Peak	250.00	200	Horizontal	Pass
5**	7556.313	39.38	-1.65	54.0	14.62	AV	250.00	200	Horizontal	Pass
6	12249.750	50.97	2.66	74.0	23.03	Peak	49.00	400	Horizontal	Pass
6**	12249.750	42.33	2.66	54.0	11.67	AV	49.00	400	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	1062.700	40.57	-18.64	74.0	33.43	Peak	273.00	150	Vertical	Pass
1**	1062.700	27.10	-18.64	54.0	26.90	AV	273.00	150	Vertical	Pass
2	2488.600	46.48	-12.74	74.0	27.52	Peak	190.00	150	Vertical	Pass
2**	2488.600	37.62	-12.74	54.0	16.38	AV	190.00	150	Vertical	Pass
3	4302.000	48.23	-4.90	74.0	25.77	Peak	342.00	200	Vertical	Pass
3**	4302.000	39.32	-4.90	54.0	14.68	AV	342.00	200	Vertical	Pass
4	5241.000	104.40	-3.70	--	--	Peak	156.00	400	Vertical	N/A
4**	5241.000	97.16	-3.70	--	--	AV	156.00	400	Vertical	N/A
5	7556.025	47.97	-1.63	74.0	26.03	Peak	237.00	200	Vertical	Pass
5**	7556.025	39.22	-1.63	54.0	14.78	AV	237.00	200	Vertical	Pass
6	11672.450	52.26	2.47	74.0	21.74	Peak	360.00	400	Vertical	Pass
6**	11672.450	41.40	2.47	54.0	12.60	AV	360.00	400	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	1594.600	39.44	-17.82	74.0	34.56	Peak	269.00	300	Horizontal	Pass
1**	1594.600	28.60	-17.82	54.0	25.40	AV	269.00	300	Horizontal	Pass
2	2871.100	44.07	-10.59	74.0	29.93	Peak	96.00	200	Horizontal	Pass
2**	2871.100	35.04	-10.59	54.0	18.96	AV	96.00	200	Horizontal	Pass
3	4342.000	48.11	-4.66	74.0	25.89	Peak	105.00	200	Horizontal	Pass
3**	4342.000	39.29	-4.66	54.0	14.71	AV	105.00	200	Horizontal	Pass
4	5191.800	97.03	-3.24	--	--	Peak	60.00	200	Horizontal	N/A
4**	5191.800	89.18	-3.24	--	--	AV	60.00	200	Horizontal	N/A
5	7547.687	47.68	-1.58	74.0	26.32	Peak	163.00	150	Horizontal	Pass
5**	7547.687	39.69	-1.58	54.0	14.31	AV	163.00	150	Horizontal	Pass
6	11668.712	51.60	2.48	74.0	22.40	Peak	321.00	300	Horizontal	Pass
6**	11668.712	41.99	2.48	54.0	12.01	AV	321.00	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	1328.500	40.75	-17.66	74.0	33.25	Peak	208.00	150	Vertical	Pass
1**	1328.500	31.50	-17.66	54.0	22.50	AV	208.00	150	Vertical	Pass
2	2493.600	46.76	-12.67	74.0	27.24	Peak	182.00	150	Vertical	Pass
2**	2493.600	36.39	-12.67	54.0	17.61	AV	182.00	150	Vertical	Pass
3	4267.200	48.79	-4.81	74.0	25.21	Peak	139.00	150	Vertical	Pass
3**	4267.200	38.92	-4.81	54.0	15.08	AV	139.00	150	Vertical	Pass
4	5187.000	101.21	-3.16	--	--	Peak	175.00	200	Vertical	N/A
4**	5187.000	93.24	-3.16	--	--	AV	175.00	200	Vertical	N/A
5	7549.987	48.66	-1.61	74.0	25.34	Peak	173.00	200	Vertical	Pass
5**	7549.987	39.45	-1.61	54.0	14.55	AV	173.00	200	Vertical	Pass
6	12336.000	51.14	2.11	74.0	22.86	Peak	17.00	400	Vertical	Pass
6**	12336.000	42.28	2.11	54.0	11.72	AV	17.00	400	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	1596.600	38.96	-17.80	74.0	35.04	Peak	265.00	300	Horizontal	Pass
1**	1596.600	29.81	-17.80	54.0	24.19	AV	265.00	300	Horizontal	Pass
2	2850.000	43.79	-10.71	74.0	30.21	Peak	0.00	400	Horizontal	Pass
2**	2850.000	34.71	-10.71	54.0	19.29	AV	0.00	400	Horizontal	Pass
3	4336.400	48.05	-4.71	74.0	25.95	Peak	334.00	150	Horizontal	Pass
3**	4336.400	39.67	-4.71	54.0	14.33	AV	334.00	150	Horizontal	Pass
4	5224.800	97.34	-3.48	--	--	Peak	67.00	400	Horizontal	N/A
4**	5224.800	89.54	-3.48	--	--	AV	67.00	400	Horizontal	N/A
5	7550.275	48.06	-1.61	74.0	25.94	Peak	360.00	150	Horizontal	Pass
5**	7550.275	39.54	-1.61	54.0	14.46	AV	360.00	150	Horizontal	Pass
6	11690.563	51.23	2.38	74.0	22.77	Peak	359.00	300	Horizontal	Pass
6**	11690.563	41.96	2.38	54.0	12.04	AV	359.00	300	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	1330.200	39.51	-17.70	74.0	34.49	Peak	149.00	150	Vertical	Pass
1**	1330.200	28.57	-17.70	54.0	25.43	AV	149.00	150	Vertical	Pass
2	2490.800	46.55	-12.71	74.0	27.45	Peak	192.00	150	Vertical	Pass
2**	2490.800	38.20	-12.71	54.0	15.80	AV	192.00	150	Vertical	Pass
3	4091.000	48.02	-5.06	74.0	25.98	Peak	88.00	150	Vertical	Pass
3**	4091.000	38.10	-5.06	54.0	15.90	AV	88.00	150	Vertical	Pass
4	5226.400	101.77	-3.49	--	--	Peak	160.00	200	Vertical	N/A
4**	5226.400	93.93	-3.49	--	--	AV	160.00	200	Vertical	N/A
5	7488.750	48.20	-1.84	74.0	25.80	Peak	351.00	100	Vertical	Pass
5**	7488.750	38.93	-1.84	54.0	15.07	AV	351.00	100	Vertical	Pass
6	12265.275	51.93	2.53	74.0	22.07	Peak	184.00	200	Vertical	Pass
6**	12265.275	41.50	2.53	54.0	12.50	AV	184.00	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	1598.100	38.46	-17.73	74.0	35.54	Peak	235.00	100	Horizontal	Pass
1**	1598.100	31.39	-17.73	54.0	22.61	AV	235.00	100	Horizontal	Pass
2	2869.800	43.79	-10.59	74.0	30.21	Peak	105.00	400	Horizontal	Pass
2**	2869.800	34.40	-10.59	54.0	19.60	AV	105.00	400	Horizontal	Pass
3	4263.200	48.37	-4.82	74.0	25.63	Peak	67.00	200	Horizontal	Pass
3**	4263.200	38.38	-4.82	54.0	15.62	AV	67.00	200	Horizontal	Pass
4	5179.200	105.63	-3.15	--	--	Peak	67.00	300	Horizontal	N/A
4**	5179.200	99.15	-3.15	--	--	AV	67.00	300	Horizontal	N/A
5	7553.725	48.10	-1.56	74.0	25.90	Peak	250.00	100	Horizontal	Pass
5**	7553.725	39.89	-1.56	54.0	14.11	AV	250.00	100	Horizontal	Pass
6	12283.388	51.14	2.38	74.0	22.86	Peak	209.00	300	Horizontal	Pass
6**	12283.388	41.61	2.38	54.0	12.39	AV	209.00	300	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	1327.900	40.35	-17.65	74.0	33.65	Peak	219.00	150	Vertical	Pass
1**	1327.900	29.87	-17.65	54.0	24.13	AV	219.00	150	Vertical	Pass
2	2489.700	46.52	-12.72	74.0	27.48	Peak	193.00	150	Vertical	Pass
2**	2489.700	37.29	-12.72	54.0	16.71	AV	193.00	150	Vertical	Pass
3	4303.600	48.30	-4.91	74.0	25.70	Peak	0.00	150	Vertical	Pass
3**	4303.600	39.26	-4.91	54.0	14.74	AV	0.00	150	Vertical	Pass
4	5180.800	106.90	-3.18	--	--	Peak	162.00	200	Vertical	N/A
4**	5180.800	98.31	-3.18	--	--	AV	162.00	200	Vertical	N/A
5	7538.200	47.65	-1.69	74.0	26.35	Peak	111.00	150	Vertical	Pass
5**	7538.200	39.45	-1.69	54.0	14.55	AV	111.00	150	Vertical	Pass
6	12279.075	50.97	2.42	74.0	23.03	Peak	332.00	200	Vertical	Pass
6**	12279.075	41.63	2.42	54.0	12.37	AV	332.00	200	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	1552.800	38.46	-17.69	74.0	35.54	Peak	275.00	100	Horizontal	Pass
1**	1552.800	28.80	-17.69	54.0	25.20	AV	275.00	100	Horizontal	Pass
2	2732.300	43.54	-10.73	74.0	30.46	Peak	77.00	200	Horizontal	Pass
2**	2732.300	34.09	-10.73	54.0	19.91	AV	77.00	200	Horizontal	Pass
3	4335.000	48.40	-4.77	74.0	25.60	Peak	198.00	200	Horizontal	Pass
3**	4335.000	39.00	-4.77	54.0	15.00	AV	198.00	200	Horizontal	Pass
4	5218.200	106.23	-3.45	--	--	Peak	67.00	200	Horizontal	N/A
4**	5218.200	98.38	-3.45	--	--	AV	67.00	200	Horizontal	N/A
5	7409.688	48.04	-1.76	74.0	25.96	Peak	332.00	100	Horizontal	Pass
5**	7409.688	38.50	-1.76	54.0	15.50	AV	332.00	100	Horizontal	Pass
6	12231.063	51.57	2.62	74.0	22.43	Peak	91.00	400	Horizontal	Pass
6**	12231.063	42.79	2.62	54.0	11.21	AV	91.00	400	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	1327.000	44.75	-17.65	74.0	29.25	Peak	222.00	150	Vertical	Pass
1**	1327.000	30.05	-17.65	54.0	23.95	AV	222.00	150	Vertical	Pass
2	2496.400	46.69	-12.66	74.0	27.31	Peak	186.00	150	Vertical	Pass
2**	2496.400	37.48	-12.66	54.0	16.52	AV	186.00	150	Vertical	Pass
3	4211.000	48.59	-4.97	74.0	25.41	Peak	335.00	100	Vertical	Pass
3**	4211.000	39.02	-4.97	54.0	14.98	AV	335.00	100	Vertical	Pass
4	5217.200	107.76	-3.42	--	--	Peak	153.00	400	Vertical	N/A
4**	5217.200	99.49	-3.42	--	--	AV	153.00	400	Vertical	N/A
5	7542.513	48.19	-1.64	74.0	25.81	Peak	206.00	200	Vertical	Pass
5**	7542.513	38.97	-1.64	54.0	15.03	AV	206.00	200	Vertical	Pass
6	11684.525	50.60	2.42	74.0	23.40	Peak	155.00	400	Vertical	Pass
6**	11684.525	41.85	2.42	54.0	12.15	AV	155.00	400	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	1593.700	38.99	-17.81	74.0	35.01	Peak	232.00	400	Horizontal	Pass
1**	1593.700	29.73	-17.81	54.0	24.27	AV	232.00	400	Horizontal	Pass
2	2817.400	43.72	-10.62	74.0	30.28	Peak	327.00	300	Horizontal	Pass
2**	2817.400	34.29	-10.62	54.0	19.71	AV	327.00	300	Horizontal	Pass
3	4333.400	48.49	-4.76	74.0	25.51	Peak	321.00	150	Horizontal	Pass
3**	4333.400	39.88	-4.76	54.0	14.12	AV	321.00	150	Horizontal	Pass
4	5238.800	105.93	-3.66	--	--	Peak	69.00	100	Horizontal	N/A
4**	5238.800	98.47	-3.66	--	--	AV	69.00	100	Horizontal	N/A
5	7554.875	48.53	-1.58	74.0	25.47	Peak	268.00	200	Horizontal	Pass
5**	7554.875	38.95	-1.58	54.0	15.05	AV	268.00	200	Horizontal	Pass
6	12295.175	50.66	2.32	74.0	23.34	Peak	289.00	200	Horizontal	Pass
6**	12295.175	41.68	2.32	54.0	12.32	AV	289.00	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	1326.900	43.48	-17.65	74.0	30.52	Peak	215.00	150	Vertical	Pass
1**	1326.900	30.21	-17.65	54.0	23.79	AV	215.00	150	Vertical	Pass
2	2495.200	46.61	-12.61	74.0	27.39	Peak	190.00	150	Vertical	Pass
2**	2495.200	36.54	-12.61	54.0	17.46	AV	190.00	150	Vertical	Pass
3	4247.200	48.13	-4.81	74.0	25.87	Peak	270.00	200	Vertical	Pass
3**	4247.200	38.80	-4.81	54.0	15.20	AV	270.00	200	Vertical	Pass
4	5243.000	107.21	-3.72	--	--	Peak	161.00	100	Vertical	N/A
4**	5243.000	99.04	-3.72	--	--	AV	161.00	100	Vertical	N/A
5	7405.950	47.98	-1.74	74.0	26.02	Peak	206.00	200	Vertical	Pass
5**	7405.950	38.93	-1.74	54.0	15.07	AV	206.00	200	Vertical	Pass
6	12262.688	51.07	2.56	74.0	22.93	Peak	132.00	200	Vertical	Pass
6**	12262.688	41.67	2.56	54.0	12.33	AV	132.00	200	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	1561.500	38.33	-17.65	74.0	35.67	Peak	34.00	200	Horizontal	Pass
1**	1561.500	28.46	-17.65	54.0	25.54	AV	34.00	200	Horizontal	Pass
2	2744.600	43.79	-10.71	74.0	30.21	Peak	196.00	200	Horizontal	Pass
2**	2744.600	34.58	-10.71	54.0	19.42	AV	196.00	200	Horizontal	Pass
3	4289.000	48.33	-4.77	74.0	25.67	Peak	0.00	100	Horizontal	Pass
3**	4289.000	39.76	-4.77	54.0	14.24	AV	0.00	100	Horizontal	Pass
4	5182.200	102.30	-3.21	--	--	Peak	53.00	200	Horizontal	N/A
4**	5182.200	95.11	-3.21	--	--	AV	53.00	200	Horizontal	N/A
5	7560.337	48.04	-1.76	74.0	25.96	Peak	320.00	150	Horizontal	Pass
5**	7560.337	39.64	-1.76	54.0	14.36	AV	320.00	150	Horizontal	Pass
6	12275.912	51.15	2.44	74.0	22.85	Peak	309.00	300	Horizontal	Pass
6**	12275.912	42.31	2.44	54.0	11.69	AV	309.00	300	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	1332.900	39.78	-17.75	74.0	34.22	Peak	220.00	200	Vertical	Pass
1**	1332.900	33.41	-17.75	54.0	20.59	AV	220.00	200	Vertical	Pass
2	2489.000	46.93	-12.73	74.0	27.07	Peak	182.00	150	Vertical	Pass
2**	2489.000	38.74	-12.73	54.0	15.26	AV	182.00	150	Vertical	Pass
3	4262.200	48.46	-4.79	74.0	25.54	Peak	328.00	100	Vertical	Pass
3**	4262.200	38.64	-4.79	54.0	15.36	AV	328.00	100	Vertical	Pass
4	5195.200	104.57	-3.27	--	--	Peak	154.00	400	Vertical	N/A
4**	5195.200	95.66	-3.27	--	--	AV	154.00	400	Vertical	N/A
5	7503.987	48.05	-1.86	74.0	25.95	Peak	0.00	200	Vertical	Pass
5**	7503.987	38.58	-1.86	54.0	15.42	AV	0.00	200	Vertical	Pass
6	11673.888	51.49	2.46	74.0	22.51	Peak	17.00	200	Vertical	Pass
6**	11673.888	41.97	2.46	54.0	12.03	AV	17.00	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	1402.700	38.61	-17.48	74.0	35.39	Peak	265.00	300	Horizontal	Pass
1**	1402.700	28.53	-17.48	54.0	25.47	AV	265.00	300	Horizontal	Pass
2	2824.100	44.06	-10.52	74.0	29.94	Peak	290.00	300	Horizontal	Pass
2**	2824.100	34.55	-10.52	54.0	19.45	AV	290.00	300	Horizontal	Pass
3	4301.800	48.52	-4.90	74.0	25.48	Peak	256.00	100	Horizontal	Pass
3**	4301.800	39.03	-4.90	54.0	14.97	AV	256.00	100	Horizontal	Pass
4	5227.000	102.53	-3.50	--	--	Peak	61.00	100	Horizontal	N/A
4**	5227.000	94.66	-3.50	--	--	AV	61.00	100	Horizontal	N/A
5	7557.463	48.27	-1.67	74.0	25.73	Peak	345.00	200	Horizontal	Pass
5**	7557.463	39.47	-1.67	54.0	14.53	AV	345.00	200	Horizontal	Pass
6	12284.537	51.44	2.38	74.0	22.56	Peak	71.00	400	Horizontal	Pass
6**	12284.537	41.51	2.38	54.0	12.49	AV	71.00	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	1331.600	39.79	-17.73	74.0	34.21	Peak	0.00	100	Vertical	Pass
1**	1331.600	28.62	-17.73	54.0	25.38	AV	0.00	100	Vertical	Pass
2	2490.000	46.37	-12.72	74.0	27.63	Peak	198.00	150	Vertical	Pass
2**	2490.000	37.38	-12.72	54.0	16.62	AV	198.00	150	Vertical	Pass
3	4253.600	48.27	-4.71	74.0	25.73	Peak	22.00	150	Vertical	Pass
3**	4253.600	39.24	-4.71	54.0	14.76	AV	22.00	150	Vertical	Pass
4	5228.600	104.36	-3.54	--	--	Peak	160.00	400	Vertical	N/A
4**	5228.600	96.56	-3.54	--	--	AV	160.00	400	Vertical	N/A
5	7558.900	48.18	-1.69	74.0	25.82	Peak	155.00	150	Vertical	Pass
5**	7558.900	39.38	-1.69	54.0	14.62	AV	155.00	150	Vertical	Pass
6	12206.338	51.49	2.57	74.0	22.51	Peak	0.00	100	Vertical	Pass
6**	12206.338	41.47	2.57	54.0	12.53	AV	0.00	100	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	1415.100	38.24	-17.48	74.0	35.76	Peak	0.00	200	Horizontal	Pass
1**	1415.100	28.99	-17.48	54.0	25.01	AV	0.00	200	Horizontal	Pass
2	2817.700	44.25	-10.61	74.0	29.75	Peak	283.00	400	Horizontal	Pass
2**	2817.700	34.25	-10.61	54.0	19.75	AV	283.00	400	Horizontal	Pass
3	4222.800	47.90	-4.70	74.0	26.10	Peak	197.00	200	Horizontal	Pass
3**	4222.800	38.68	-4.70	54.0	15.32	AV	197.00	200	Horizontal	Pass
4	5218.200	100.96	-3.45	--	--	Peak	73.00	200	Horizontal	N/A
4**	5218.200	92.76	-3.45	--	--	AV	73.00	200	Horizontal	N/A
5	7542.513	48.21	-1.64	74.0	25.79	Peak	311.00	100	Horizontal	Pass
5**	7542.513	38.70	-1.64	54.0	15.30	AV	311.00	100	Horizontal	Pass
6	12232.500	50.96	2.63	74.0	23.04	Peak	360.00	400	Horizontal	Pass
6**	12232.500	42.13	2.63	54.0	11.87	AV	360.00	400	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	1330.700	39.23	-17.71	74.0	34.77	Peak	216.00	300	Vertical	Pass
1**	1330.700	30.39	-17.71	54.0	23.61	AV	216.00	300	Vertical	Pass
2	2491.500	47.36	-12.71	74.0	26.64	Peak	190.00	150	Vertical	Pass
2**	2491.500	37.21	-12.71	54.0	16.79	AV	190.00	150	Vertical	Pass
3	4342.400	47.83	-4.68	74.0	26.17	Peak	167.00	150	Vertical	Pass
3**	4342.400	38.86	-4.68	54.0	15.14	AV	167.00	150	Vertical	Pass
4	5212.800	102.79	-3.42	--	--	Peak	154.00	300	Vertical	N/A
4**	5212.800	96.54	-3.42	--	--	AV	154.00	300	Vertical	N/A
5	7497.950	47.76	-1.87	74.0	26.24	Peak	291.00	100	Vertical	Pass
5**	7497.950	37.91	-1.87	54.0	16.09	AV	291.00	100	Vertical	Pass
6	11728.513	52.27	1.87	74.0	21.73	Peak	112.00	200	Vertical	Pass
6**	11728.513	40.98	1.87	54.0	13.02	AV	112.00	200	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	1171.500	38.84	-18.49	74.0	35.16	Peak	47.00	150	Horizontal	Pass
1**	1171.500	28.97	-18.49	54.0	25.03	AV	47.00	150	Horizontal	Pass
2	2494.400	45.41	-12.62	74.0	28.59	Peak	126.00	150	Horizontal	Pass
2**	2494.400	35.42	-12.62	54.0	18.58	AV	126.00	150	Horizontal	Pass
3	4114.200	48.17	-5.48	74.0	25.83	Peak	66.00	100	Horizontal	Pass
3**	4114.200	38.34	-5.48	54.0	15.66	AV	66.00	100	Horizontal	Pass
4	5747.000	101.32	-3.59	--	--	Peak	182.00	100	Horizontal	N/A
4**	5747.000	93.25	-3.59	--	--	AV	182.00	100	Horizontal	N/A
5	7405.375	49.94	-1.73	74.0	24.06	Peak	186.00	100	Horizontal	Pass
5**	7405.375	39.81	-1.73	54.0	14.19	AV	186.00	100	Horizontal	Pass
6	12299.201	51.56	2.30	74.0	22.44	Peak	70.00	400	Horizontal	Pass
6**	12299.201	41.95	2.30	54.0	12.05	AV	70.00	400	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	1063.800	42.47	-18.61	74.0	31.53	Peak	1.00	150	Vertical	Pass
1**	1063.800	32.30	-18.61	54.0	21.70	AV	1.00	150	Vertical	Pass
2	2488.500	47.22	-12.74	74.0	26.78	Peak	181.00	150	Vertical	Pass
2**	2488.500	39.32	-12.74	54.0	14.68	AV	181.00	150	Vertical	Pass
3	4800.200	50.42	-3.53	74.0	23.58	Peak	356.00	150	Vertical	Pass
3**	4800.200	44.48	-3.53	54.0	9.52	AV	356.00	150	Vertical	Pass
4	5748.400	105.69	-3.60	--	--	Peak	50.00	100	Vertical	N/A
4**	5748.400	98.53	-3.60	--	--	AV	50.00	100	Vertical	N/A
5	7538.200	49.19	-1.69	74.0	24.81	Peak	7.00	100	Vertical	Pass
5**	7538.200	39.74	-1.69	54.0	14.26	AV	7.00	100	Vertical	Pass
6	11662.963	52.31	2.50	74.0	21.69	Peak	189.00	300	Vertical	Pass
6**	11662.963	42.90	2.50	54.0	11.10	AV	189.00	300	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	1183.200	39.06	-18.29	74.0	34.94	Peak	359.00	150	Horizontal	Pass
1**	1183.200	28.91	-18.29	54.0	25.09	AV	359.00	150	Horizontal	Pass
2	2496.300	45.97	-12.66	74.0	28.03	Peak	129.00	150	Horizontal	Pass
2**	2496.300	35.99	-12.66	54.0	18.01	AV	129.00	150	Horizontal	Pass
3	4258.600	48.08	-4.77	74.0	25.92	Peak	239.00	150	Horizontal	Pass
3**	4258.600	38.77	-4.77	54.0	15.23	AV	239.00	150	Horizontal	Pass
4	5786.200	102.14	-3.00	--	--	Peak	181.00	200	Horizontal	N/A
4**	5786.200	93.89	-3.00	--	--	AV	181.00	200	Horizontal	N/A
5	7539.925	48.71	-1.68	74.0	25.29	Peak	282.00	100	Horizontal	Pass
5**	7539.925	41.02	-1.68	54.0	12.98	AV	282.00	100	Horizontal	Pass
6	12264.700	51.55	2.54	74.0	22.45	Peak	165.00	200	Horizontal	Pass
6**	12264.700	42.81	2.54	54.0	11.19	AV	165.00	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	1065.900	41.95	-18.63	74.0	32.05	Peak	360.00	150	Vertical	Pass
1**	1065.900	35.35	-18.63	54.0	18.65	AV	360.00	150	Vertical	Pass
2	2495.200	47.69	-12.61	74.0	26.31	Peak	178.00	150	Vertical	Pass
2**	2495.200	37.79	-12.61	54.0	16.21	AV	178.00	150	Vertical	Pass
3	4799.800	50.16	-3.53	74.0	23.84	Peak	298.00	150	Vertical	Pass
3**	4799.800	42.61	-3.53	54.0	11.39	AV	298.00	150	Vertical	Pass
4	5787.000	105.31	-2.98	--	--	Peak	43.00	100	Vertical	N/A
4**	5787.000	98.31	-2.98	--	--	AV	43.00	100	Vertical	N/A
5	7409.112	49.07	-1.75	74.0	24.93	Peak	132.00	100	Vertical	Pass
5**	7409.112	39.86	-1.75	54.0	14.14	AV	132.00	100	Vertical	Pass
6	11657.787	51.95	2.52	74.0	22.05	Peak	205.00	100	Vertical	Pass
6**	11657.787	43.62	2.52	54.0	10.38	AV	205.00	100	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	1496.400	40.28	-17.73	74.0	33.72	Peak	288.00	150	Horizontal	Pass
1**	1496.400	29.36	-17.73	54.0	24.64	AV	288.00	150	Horizontal	Pass
2	2489.300	46.22	-12.73	74.0	27.78	Peak	124.00	150	Horizontal	Pass
2**	2489.300	37.77	-12.73	54.0	16.23	AV	124.00	150	Horizontal	Pass
3	4274.000	48.04	-4.76	74.0	25.96	Peak	21.00	100	Horizontal	Pass
3**	4274.000	39.13	-4.76	54.0	14.87	AV	21.00	100	Horizontal	Pass
4	5823.800	99.03	-2.75	--	--	Peak	174.00	200	Horizontal	N/A
4**	5823.800	91.77	-2.75	--	--	AV	174.00	200	Horizontal	N/A
5	7485.012	49.04	-1.90	74.0	24.96	Peak	251.00	100	Horizontal	Pass
5**	7485.012	39.40	-1.90	54.0	14.60	AV	251.00	100	Horizontal	Pass
6	12235.375	53.07	2.63	74.0	20.93	Peak	70.00	100	Horizontal	Pass
6**	12235.375	42.73	2.63	54.0	11.27	AV	70.00	100	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	1065.800	40.78	-18.63	74.0	33.22	Peak	190.00	150	Vertical	Pass
1**	1065.800	37.22	-18.63	54.0	16.78	AV	190.00	150	Vertical	Pass
2	2489.800	47.23	-12.72	74.0	26.77	Peak	173.00	150	Vertical	Pass
2**	2489.800	38.91	-12.72	54.0	15.09	AV	173.00	150	Vertical	Pass
3	4799.800	50.12	-3.53	74.0	23.88	Peak	35.00	150	Vertical	Pass
3**	4799.800	42.33	-3.53	54.0	11.67	AV	35.00	150	Vertical	Pass
4	5824.200	104.62	-2.75	--	--	Peak	57.00	100	Vertical	N/A
4**	5824.200	97.69	-2.75	--	--	AV	57.00	100	Vertical	N/A
5	7565.513	48.97	-1.93	74.0	25.03	Peak	300.00	200	Vertical	Pass
5**	7565.513	39.71	-1.93	54.0	14.29	AV	300.00	200	Vertical	Pass
6	11675.325	51.60	2.46	74.0	22.40	Peak	289.00	400	Vertical	Pass
6**	11675.325	42.29	2.46	54.0	11.71	AV	289.00	400	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	1498.600	41.01	-17.80	74.0	32.99	Peak	163.00	150	Horizontal	Pass
1**	1498.600	29.39	-17.80	54.0	24.61	AV	163.00	150	Horizontal	Pass
2	2494.900	46.28	-12.60	74.0	27.72	Peak	119.00	150	Horizontal	Pass
2**	2494.900	37.12	-12.60	54.0	16.88	AV	119.00	150	Horizontal	Pass
3	4119.800	49.75	-5.51	74.0	24.25	Peak	137.00	200	Horizontal	Pass
3**	4119.800	38.32	-5.51	54.0	15.68	AV	137.00	200	Horizontal	Pass
4	5741.000	99.26	-3.61	--	--	Peak	181.00	100	Horizontal	N/A
4**	5741.000	91.58	-3.61	--	--	AV	181.00	100	Horizontal	N/A
5	7412.850	49.45	-1.88	74.0	24.55	Peak	262.00	200	Horizontal	Pass
5**	7412.850	40.77	-1.88	54.0	13.23	AV	262.00	200	Horizontal	Pass
6	11673.888	52.58	2.46	74.0	21.42	Peak	155.00	200	Horizontal	Pass
6**	11673.888	42.57	2.46	54.0	11.43	AV	155.00	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	1062.800	39.32	-18.64	74.0	34.68	Peak	359.00	150	Vertical	Pass
1**	1062.800	31.50	-18.64	54.0	22.50	AV	359.00	150	Vertical	Pass
2	2495.500	47.60	-12.62	74.0	26.40	Peak	166.00	150	Vertical	Pass
2**	2495.500	36.65	-12.62	54.0	17.35	AV	166.00	150	Vertical	Pass
3	4290.200	48.75	-4.78	74.0	25.25	Peak	226.00	200	Vertical	Pass
3**	4290.200	39.51	-4.78	54.0	14.49	AV	226.00	200	Vertical	Pass
4	5743.600	104.18	-3.60	--	--	Peak	50.00	300	Vertical	N/A
4**	5743.600	96.70	-3.60	--	--	AV	50.00	300	Vertical	N/A
5	7396.750	48.66	-1.65	74.0	25.34	Peak	209.00	200	Vertical	Pass
5**	7396.750	41.07	-1.65	54.0	12.93	AV	209.00	200	Vertical	Pass
6	12229.338	52.55	2.62	74.0	21.45	Peak	145.00	200	Vertical	Pass
6**	12229.338	42.69	2.62	54.0	11.31	AV	145.00	200	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	1379.100	38.57	-17.51	74.0	35.43	Peak	2.00	300	Horizontal	Pass
1**	1379.100	30.05	-17.51	54.0	23.95	AV	2.00	300	Horizontal	Pass
2	2490.700	46.13	-12.71	74.0	27.87	Peak	123.00	150	Horizontal	Pass
2**	2490.700	37.26	-12.71	54.0	16.74	AV	123.00	150	Horizontal	Pass
3	4212.200	48.78	-4.92	74.0	25.22	Peak	241.00	100	Horizontal	Pass
3**	4212.200	40.22	-4.92	54.0	13.78	AV	241.00	100	Horizontal	Pass
4	5782.800	99.55	-3.07	--	--	Peak	183.00	100	Horizontal	N/A
4**	5782.800	92.79	-3.07	--	--	AV	183.00	100	Horizontal	N/A
5	7413.712	48.91	-1.88	74.0	25.09	Peak	59.00	200	Horizontal	Pass
5**	7413.712	39.17	-1.88	54.0	14.83	AV	59.00	200	Horizontal	Pass
6	12228.187	52.18	2.62	74.0	21.82	Peak	38.00	200	Horizontal	Pass
6**	12228.187	42.36	2.62	54.0	11.64	AV	38.00	200	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	1062.200	39.76	-18.64	74.0	34.24	Peak	357.00	150	Vertical	Pass
1**	1062.200	27.82	-18.64	54.0	26.18	AV	357.00	150	Vertical	Pass
2	2488.900	46.95	-12.73	74.0	27.05	Peak	179.00	150	Vertical	Pass
2**	2488.900	38.84	-12.73	54.0	15.16	AV	179.00	150	Vertical	Pass
3	4282.200	48.71	-4.72	74.0	25.29	Peak	89.00	100	Vertical	Pass
3**	4282.200	39.92	-4.72	54.0	14.08	AV	89.00	100	Vertical	Pass
4	5783.600	103.75	-3.05	--	--	Peak	52.00	100	Vertical	N/A
4**	5783.600	97.33	-3.05	--	--	AV	52.00	100	Vertical	N/A
5	7405.087	50.04	-1.72	74.0	23.96	Peak	354.00	150	Vertical	Pass
5**	7405.087	39.84	-1.72	54.0	14.16	AV	354.00	150	Vertical	Pass
6	12332.550	51.86	2.13	74.0	22.14	Peak	49.00	100	Vertical	Pass
6**	12332.550	42.46	2.13	54.0	11.54	AV	49.00	100	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	1187.600	39.85	-18.33	74.0	34.15	Peak	359.00	150	Horizontal	Pass
1**	1187.600	29.13	-18.33	54.0	24.87	AV	359.00	150	Horizontal	Pass
2	2488.600	46.72	-12.74	74.0	27.28	Peak	111.00	150	Horizontal	Pass
2**	2488.600	37.70	-12.74	54.0	16.30	AV	111.00	150	Horizontal	Pass
3	4299.200	48.84	-4.88	74.0	25.16	Peak	66.00	200	Horizontal	Pass
3**	4299.200	39.40	-4.88	54.0	14.60	AV	66.00	200	Horizontal	Pass
4	5823.400	97.95	-2.75	--	--	Peak	174.00	100	Horizontal	N/A
4**	5823.400	90.31	-2.75	--	--	AV	174.00	100	Horizontal	N/A
5	7397.900	49.23	-1.64	74.0	24.77	Peak	228.00	150	Horizontal	Pass
5**	7397.900	39.91	-1.64	54.0	14.09	AV	228.00	150	Horizontal	Pass
6	11656.350	51.96	2.53	74.0	22.04	Peak	133.00	300	Horizontal	Pass
6**	11656.350	42.38	2.53	54.0	11.62	AV	133.00	300	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	1333.300	41.86	-17.75	74.0	32.14	Peak	200.00	400	Vertical	Pass
1**	1333.300	29.53	-17.75	54.0	24.47	AV	200.00	400	Vertical	Pass
2	2490.500	47.59	-12.71	74.0	26.41	Peak	178.00	150	Vertical	Pass
2**	2490.500	38.95	-12.71	54.0	15.05	AV	178.00	150	Vertical	Pass
3	4296.600	48.85	-4.90	74.0	25.15	Peak	0.00	150	Vertical	Pass
3**	4296.600	39.56	-4.90	54.0	14.44	AV	0.00	150	Vertical	Pass
4	5823.600	103.69	-2.75	--	--	Peak	25.00	300	Vertical	N/A
4**	5823.600	96.52	-2.75	--	--	AV	25.00	300	Vertical	N/A
5	7397.038	48.91	-1.66	74.0	25.09	Peak	293.00	150	Vertical	Pass
5**	7397.038	40.29	-1.66	54.0	13.71	AV	293.00	150	Vertical	Pass
6	11714.713	51.67	2.08	74.0	22.33	Peak	70.00	400	Vertical	Pass
6**	11714.713	41.88	2.08	54.0	12.12	AV	70.00	400	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	1327.200	39.17	-17.65	74.0	34.83	Peak	288.00	300	Horizontal	Pass
1**	1327.200	29.24	-17.65	54.0	24.76	AV	288.00	300	Horizontal	Pass
2	2493.400	45.93	-12.68	74.0	28.07	Peak	106.00	150	Horizontal	Pass
2**	2493.400	36.98	-12.68	54.0	17.02	AV	106.00	150	Horizontal	Pass
3	4299.800	49.13	-4.88	74.0	24.87	Peak	67.00	100	Horizontal	Pass
3**	4299.800	39.83	-4.88	54.0	14.17	AV	67.00	100	Horizontal	Pass
4	5750.800	96.03	-3.56	--	--	Peak	175.00	100	Horizontal	N/A
4**	5750.800	88.01	-3.56	--	--	AV	175.00	100	Horizontal	N/A
5	7548.263	48.79	-1.59	74.0	25.21	Peak	328.00	100	Horizontal	Pass
5**	7548.263	40.12	-1.59	54.0	13.88	AV	328.00	100	Horizontal	Pass
6	12220.137	51.80	2.60	74.0	22.20	Peak	178.00	400	Horizontal	Pass
6**	12220.137	43.27	2.60	54.0	10.73	AV	178.00	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	1200.000	41.02	-18.16	74.0	32.98	Peak	355.00	150	Vertical	Pass
1**	1200.000	29.12	-18.16	54.0	24.88	AV	355.00	150	Vertical	Pass
2	2488.600	46.69	-12.74	74.0	27.31	Peak	169.00	150	Vertical	Pass
2**	2488.600	38.47	-12.74	54.0	15.53	AV	169.00	150	Vertical	Pass
3	4299.400	49.26	-4.88	74.0	24.74	Peak	211.00	200	Vertical	Pass
3**	4299.400	39.93	-4.88	54.0	14.07	AV	211.00	200	Vertical	Pass
4	5753.600	101.10	-3.50	--	--	Peak	44.00	400	Vertical	N/A
4**	5753.600	94.31	-3.50	--	--	AV	44.00	400	Vertical	N/A
5	7546.537	49.56	-1.58	74.0	24.44	Peak	291.00	200	Vertical	Pass
5**	7546.537	40.18	-1.58	54.0	13.82	AV	291.00	200	Vertical	Pass
6	12256.362	51.78	2.61	74.0	22.22	Peak	186.00	300	Vertical	Pass
6**	12256.362	43.23	2.61	54.0	10.77	AV	186.00	300	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	1200.400	39.12	-18.16	74.0	34.88	Peak	18.00	150	Horizontal	Pass
1**	1200.400	30.42	-18.16	54.0	23.58	AV	18.00	150	Horizontal	Pass
2	2489.300	46.17	-12.73	74.0	27.83	Peak	122.00	150	Horizontal	Pass
2**	2489.300	38.09	-12.73	54.0	15.91	AV	122.00	150	Horizontal	Pass
3	4215.600	49.11	-4.82	74.0	24.89	Peak	72.00	150	Horizontal	Pass
3**	4215.600	39.81	-4.82	54.0	14.19	AV	72.00	150	Horizontal	Pass
4	5792.200	97.32	-2.85	--	--	Peak	181.00	400	Horizontal	N/A
4**	5792.200	88.83	-2.85	--	--	AV	181.00	400	Horizontal	N/A
5	7541.075	49.16	-1.65	74.0	24.84	Peak	196.00	150	Horizontal	Pass
5**	7541.075	40.22	-1.65	54.0	13.78	AV	196.00	150	Horizontal	Pass
6	11653.474	51.76	2.54	74.0	22.24	Peak	260.00	100	Horizontal	Pass
6**	11653.474	43.32	2.54	54.0	10.68	AV	260.00	100	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	1330.600	41.75	-17.71	74.0	32.25	Peak	192.00	400	Vertical	Pass
1**	1330.600	29.60	-17.71	54.0	24.40	AV	192.00	400	Vertical	Pass
2	2496.400	47.45	-12.66	74.0	26.55	Peak	167.00	150	Vertical	Pass
2**	2496.400	38.73	-12.66	54.0	15.27	AV	167.00	150	Vertical	Pass
3	4804.800	50.59	-3.48	74.0	23.41	Peak	104.00	150	Vertical	Pass
3**	4804.800	41.15	-3.48	54.0	12.85	AV	104.00	150	Vertical	Pass
4	5792.600	100.82	-2.84	--	--	Peak	32.00	300	Vertical	N/A
4**	5792.600	93.51	-2.84	--	--	AV	32.00	300	Vertical	N/A
5	7390.138	49.01	-1.73	74.0	24.99	Peak	187.00	100	Vertical	Pass
5**	7390.138	40.06	-1.73	54.0	13.94	AV	187.00	100	Vertical	Pass
6	12237.100	51.57	2.64	74.0	22.43	Peak	69.00	400	Vertical	Pass
6**	12237.100	43.66	2.64	54.0	10.34	AV	69.00	400	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	1332.000	39.85	-17.74	74.0	34.15	Peak	92.00	100	Horizontal	Pass
1**	1332.000	29.29	-17.74	54.0	24.71	AV	92.00	100	Horizontal	Pass
2	2492.500	46.10	-12.72	74.0	27.90	Peak	113.00	150	Horizontal	Pass
2**	2492.500	36.90	-12.72	54.0	17.10	AV	113.00	150	Horizontal	Pass
3	4295.600	49.24	-4.87	74.0	24.76	Peak	0.00	200	Horizontal	Pass
3**	4295.600	39.68	-4.87	54.0	14.32	AV	0.00	200	Horizontal	Pass
4	5744.200	101.26	-3.59	--	--	Peak	291.00	100	Horizontal	N/A
4**	5744.200	94.31	-3.59	--	--	AV	291.00	100	Horizontal	N/A
5	7409.688	48.61	-1.76	74.0	25.39	Peak	335.00	100	Horizontal	Pass
5**	7409.688	40.29	-1.76	54.0	13.71	AV	335.00	100	Horizontal	Pass
6	11648.874	52.86	2.54	74.0	21.14	Peak	360.00	300	Horizontal	Pass
6**	11648.874	42.87	2.54	54.0	11.13	AV	360.00	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	1327.600	41.10	-17.65	74.0	32.90	Peak	196.00	200	Vertical	Pass
1**	1327.600	31.16	-17.65	54.0	22.84	AV	196.00	200	Vertical	Pass
2	2496.300	47.40	-12.66	74.0	26.60	Peak	179.00	150	Vertical	Pass
2**	2496.300	37.50	-12.66	54.0	16.50	AV	179.00	150	Vertical	Pass
3	4297.400	48.77	-4.90	74.0	25.23	Peak	255.00	200	Vertical	Pass
3**	4297.400	39.90	-4.90	54.0	14.10	AV	255.00	200	Vertical	Pass
4	5742.800	105.07	-3.61	--	--	Peak	35.00	300	Vertical	N/A
4**	5742.800	98.36	-3.61	--	--	AV	35.00	300	Vertical	N/A
5	7411.700	48.88	-1.87	74.0	25.12	Peak	167.00	100	Vertical	Pass
5**	7411.700	39.63	-1.87	54.0	14.37	AV	167.00	100	Vertical	Pass
6	11675.900	51.50	2.45	74.0	22.50	Peak	177.00	400	Vertical	Pass
6**	11675.900	42.84	2.45	54.0	11.16	AV	177.00	400	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	1327.600	39.14	-17.65	74.0	34.86	Peak	84.00	400	Horizontal	Pass
1**	1327.600	32.72	-17.65	54.0	21.28	AV	84.00	400	Horizontal	Pass
2	2491.000	45.94	-12.71	74.0	28.06	Peak	131.00	150	Horizontal	Pass
2**	2491.000	37.61	-12.71	54.0	16.39	AV	131.00	150	Horizontal	Pass
3	4290.600	48.78	-4.78	74.0	25.22	Peak	276.00	200	Horizontal	Pass
3**	4290.600	39.56	-4.78	54.0	14.44	AV	276.00	200	Horizontal	Pass
4	5783.000	102.19	-3.07	--	--	Peak	65.00	100	Horizontal	N/A
4**	5783.000	94.19	-3.07	--	--	AV	65.00	100	Horizontal	N/A
5	7602.888	48.68	-2.35	74.0	25.32	Peak	27.00	200	Horizontal	Pass
5**	7602.888	38.94	-2.35	54.0	15.06	AV	27.00	200	Horizontal	Pass
6	12342.325	51.33	2.08	74.0	22.67	Peak	102.00	300	Horizontal	Pass
6**	12342.325	42.47	2.08	54.0	11.53	AV	102.00	300	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	1195.900	41.63	-18.19	74.0	32.37	Peak	347.00	150	Vertical	Pass
1**	1195.900	29.18	-18.19	54.0	24.82	AV	347.00	150	Vertical	Pass
2	2495.700	47.03	-12.63	74.0	26.97	Peak	164.00	150	Vertical	Pass
2**	2495.700	38.69	-12.63	54.0	15.31	AV	164.00	150	Vertical	Pass
3	4151.000	48.67	-5.22	74.0	25.33	Peak	277.00	150	Vertical	Pass
3**	4151.000	39.55	-5.22	54.0	14.45	AV	277.00	150	Vertical	Pass
4	5787.200	105.84	-2.97	--	--	Peak	45.00	200	Vertical	N/A
4**	5787.200	98.88	-2.97	--	--	AV	45.00	200	Vertical	N/A
5	7396.175	48.93	-1.62	74.0	25.07	Peak	70.00	200	Vertical	Pass
5**	7396.175	39.50	-1.62	54.0	14.50	AV	70.00	200	Vertical	Pass
6	11701.200	51.91	2.28	74.0	22.09	Peak	6.00	200	Vertical	Pass
6**	11701.200	42.19	2.28	54.0	11.81	AV	6.00	200	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	1131.000	39.51	-18.34	74.0	34.49	Peak	294.00	150	Horizontal	Pass
1**	1131.000	28.47	-18.34	54.0	25.53	AV	294.00	150	Horizontal	Pass
2	2494.600	46.44	-12.61	74.0	27.56	Peak	113.00	150	Horizontal	Pass
2**	2494.600	36.62	-12.61	54.0	17.38	AV	113.00	150	Horizontal	Pass
3	4297.200	48.35	-4.91	74.0	25.65	Peak	94.00	150	Horizontal	Pass
3**	4297.200	40.06	-4.91	54.0	13.94	AV	94.00	150	Horizontal	Pass
4	5824.200	101.54	-2.75	--	--	Peak	65.00	300	Horizontal	N/A
4**	5824.200	94.62	-2.75	--	--	AV	65.00	300	Horizontal	N/A
5	7545.100	49.18	-1.60	74.0	24.82	Peak	145.00	150	Horizontal	Pass
5**	7545.100	39.64	-1.60	54.0	14.36	AV	145.00	150	Horizontal	Pass
6	12204.037	51.62	2.56	74.0	22.38	Peak	360.00	300	Horizontal	Pass
6**	12204.037	42.47	2.56	54.0	11.53	AV	360.00	300	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	1327.500	40.65	-17.65	74.0	33.35	Peak	330.00	400	Vertical	Pass
1**	1327.500	29.76	-17.65	54.0	24.24	AV	330.00	400	Vertical	Pass
2	2488.300	47.46	-12.73	74.0	26.54	Peak	168.00	150	Vertical	Pass
2**	2488.300	38.31	-12.73	54.0	15.69	AV	168.00	150	Vertical	Pass
3	4281.200	48.51	-4.76	74.0	25.49	Peak	256.00	200	Vertical	Pass
3**	4281.200	41.05	-4.76	54.0	12.95	AV	256.00	200	Vertical	Pass
4	5823.400	105.42	-2.75	--	--	Peak	22.00	400	Vertical	N/A
4**	5823.400	97.34	-2.75	--	--	AV	22.00	400	Vertical	N/A
5	7391.862	49.24	-1.72	74.0	24.76	Peak	0.00	150	Vertical	Pass
5**	7391.862	40.02	-1.72	54.0	13.98	AV	0.00	150	Vertical	Pass
6	11657.787	51.57	2.52	74.0	22.43	Peak	360.00	400	Vertical	Pass
6**	11657.787	43.47	2.52	54.0	10.53	AV	360.00	400	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	1381.300	38.43	-17.51	74.0	35.57	Peak	32.00	300	Horizontal	Pass
1**	1381.300	29.35	-17.51	54.0	24.65	AV	32.00	300	Horizontal	Pass
2	2491.300	46.31	-12.71	74.0	27.69	Peak	108.00	150	Horizontal	Pass
2**	2491.300	36.42	-12.71	54.0	17.58	AV	108.00	150	Horizontal	Pass
3	4368.000	49.30	-4.85	74.0	24.70	Peak	106.00	100	Horizontal	Pass
3**	4368.000	39.64	-4.85	54.0	14.36	AV	106.00	100	Horizontal	Pass
4	5761.400	99.77	-3.47	--	--	Peak	85.00	300	Horizontal	N/A
4**	5761.400	92.86	-3.47	--	--	AV	85.00	300	Horizontal	N/A
5	7413.425	49.20	-1.88	74.0	24.80	Peak	341.00	200	Horizontal	Pass
5**	7413.425	39.70	-1.88	54.0	14.30	AV	341.00	200	Horizontal	Pass
6	11682.513	52.35	2.43	74.0	21.65	Peak	7.00	100	Horizontal	Pass
6**	11682.513	42.84	2.43	54.0	11.16	AV	7.00	100	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	1331.900	41.66	-17.73	74.0	32.34	Peak	104.00	100	Vertical	Pass
1**	1331.900	31.17	-17.73	54.0	22.83	AV	104.00	100	Vertical	Pass
2	2496.000	47.21	-12.64	74.0	26.79	Peak	173.00	150	Vertical	Pass
2**	2496.000	37.07	-12.64	54.0	16.93	AV	173.00	150	Vertical	Pass
3	4288.000	49.40	-4.76	74.0	24.60	Peak	131.00	200	Vertical	Pass
3**	4288.000	40.16	-4.76	54.0	13.84	AV	131.00	200	Vertical	Pass
4	5758.000	104.06	-3.51	--	--	Peak	35.00	200	Vertical	N/A
4**	5758.000	96.95	-3.51	--	--	AV	35.00	200	Vertical	N/A
5	7556.600	48.97	-1.66	74.0	25.03	Peak	48.00	100	Vertical	Pass
5**	7556.600	39.27	-1.66	54.0	14.73	AV	48.00	100	Vertical	Pass
6	11660.088	53.06	2.52	74.0	20.94	Peak	112.00	100	Vertical	Pass
6**	11660.088	42.96	2.52	54.0	11.04	AV	112.00	100	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	1399.400	39.08	-17.59	74.0	34.92	Peak	64.00	100	Horizontal	Pass
1**	1399.400	29.69	-17.59	54.0	24.31	AV	64.00	100	Horizontal	Pass
2	2496.600	45.90	-12.67	74.0	28.10	Peak	114.00	150	Horizontal	Pass
2**	2496.600	35.40	-12.67	54.0	18.60	AV	114.00	150	Horizontal	Pass
3	4292.800	48.66	-4.76	74.0	25.34	Peak	265.00	200	Horizontal	Pass
3**	4292.800	40.38	-4.76	54.0	13.62	AV	265.00	200	Horizontal	Pass
4	5797.800	99.56	-2.71	--	--	Peak	17.00	200	Horizontal	N/A
4**	5797.800	93.37	-2.71	--	--	AV	17.00	200	Horizontal	N/A
5	7412.275	49.18	-1.89	74.0	24.82	Peak	350.00	100	Horizontal	Pass
5**	7412.275	39.06	-1.89	54.0	14.94	AV	350.00	100	Horizontal	Pass
6	12214.963	52.22	2.59	74.0	21.78	Peak	109.00	100	Horizontal	Pass
6**	12214.963	42.01	2.59	54.0	11.99	AV	109.00	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	1329.900	39.14	-17.69	74.0	34.86	Peak	200.00	300	Vertical	Pass
1**	1329.900	29.51	-17.69	54.0	24.49	AV	200.00	300	Vertical	Pass
2	2496.700	46.84	-12.67	74.0	27.16	Peak	168.00	150	Vertical	Pass
2**	2496.700	37.27	-12.67	54.0	16.73	AV	168.00	150	Vertical	Pass
3	4280.600	49.11	-4.79	74.0	24.89	Peak	191.00	100	Vertical	Pass
3**	4280.600	39.92	-4.79	54.0	14.08	AV	191.00	100	Vertical	Pass
4	5791.400	103.07	-2.86	--	--	Peak	53.00	400	Vertical	N/A
4**	5791.400	96.66	-2.86	--	--	AV	53.00	400	Vertical	N/A
5	7549.700	49.09	-1.60	74.0	24.91	Peak	334.00	150	Vertical	Pass
5**	7549.700	40.04	-1.60	54.0	13.96	AV	334.00	150	Vertical	Pass
6	12302.363	51.96	2.28	74.0	22.04	Peak	360.00	100	Vertical	Pass
6**	12302.363	42.81	2.28	54.0	11.19	AV	360.00	100	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	1324.500	38.13	-17.62	74.0	35.87	Peak	110.00	400	Horizontal	Pass
1**	1324.500	29.08	-17.62	54.0	24.92	AV	110.00	400	Horizontal	Pass
2	2491.900	46.41	-12.72	74.0	27.59	Peak	123.00	150	Horizontal	Pass
2**	2491.900	35.97	-12.72	54.0	18.03	AV	123.00	150	Horizontal	Pass
3	4273.800	50.36	-4.76	74.0	23.64	Peak	95.00	200	Horizontal	Pass
3**	4273.800	40.36	-4.76	54.0	13.64	AV	95.00	200	Horizontal	Pass
4	5777.400	97.55	-3.17	--	--	Peak	81.00	400	Horizontal	N/A
4**	5777.400	89.71	-3.17	--	--	AV	81.00	400	Horizontal	N/A
5	7552.575	48.56	-1.56	74.0	25.44	Peak	132.00	150	Horizontal	Pass
5**	7552.575	39.94	-1.56	54.0	14.06	AV	132.00	150	Horizontal	Pass
6	12231.925	51.61	2.62	74.0	22.39	Peak	247.00	100	Horizontal	Pass
6**	12231.925	42.54	2.62	54.0	11.46	AV	247.00	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	1330.600	39.47	-17.71	74.0	34.53	Peak	200.00	300	Vertical	Pass
1**	1330.600	30.02	-17.71	54.0	23.98	AV	200.00	300	Vertical	Pass
2	2496.800	46.92	-12.68	74.0	27.08	Peak	161.00	150	Vertical	Pass
2**	2496.800	38.43	-12.68	54.0	15.57	AV	161.00	150	Vertical	Pass
3	4287.600	48.93	-4.76	74.0	25.07	Peak	17.00	200	Vertical	Pass
3**	4287.600	40.61	-4.76	54.0	13.39	AV	17.00	200	Vertical	Pass
4	5783.800	101.09	-3.04	--	--	Peak	53.00	200	Vertical	N/A
4**	5783.800	93.82	-3.04	--	--	AV	53.00	200	Vertical	N/A
5	7406.525	48.72	-1.74	74.0	25.28	Peak	0.00	100	Vertical	Pass
5**	7406.525	39.71	-1.74	54.0	14.29	AV	0.00	100	Vertical	Pass
6	11672.738	52.69	2.47	74.0	21.31	Peak	360.00	300	Vertical	Pass
6**	11672.738	42.76	2.47	54.0	11.24	AV	360.00	300	Vertical	Pass

MIMO

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	1533.600	36.80	-19.69	74.0	37.20	Peak	231.00	150	Horizontal	Pass
1**	1533.600	27.16	-19.69	54.0	26.84	AV	231.00	150	Horizontal	Pass
2	2491.100	45.04	-12.86	74.0	28.96	Peak	160.00	150	Horizontal	Pass
2**	2491.100	35.02	-12.86	54.0	18.98	AV	160.00	150	Horizontal	Pass
3	4312.750	48.02	-6.07	74.0	25.98	Peak	293.00	200	Horizontal	Pass
3**	4312.750	37.96	-6.07	54.0	16.04	AV	293.00	200	Horizontal	Pass
4	5176.500	107.78	-4.90	--	--	Peak	95.00	200	Horizontal	N/A
4**	5176.500	100.08	-4.90	--	--	AV	95.00	200	Horizontal	N/A
5	7487.000	55.63	-0.36	74.0	18.37	Peak	252.00	100	Horizontal	Pass
5**	7487.000	45.29	-0.36	54.0	8.71	AV	252.00	100	Horizontal	Pass
6	12403.013	52.74	0.34	74.0	21.26	Peak	340.00	100	Horizontal	Pass
6**	12403.013	43.91	0.34	54.0	10.09	AV	340.00	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	1329.200	43.57	-19.79	74.0	30.43	Peak	298.00	150	Vertical	Pass
1**	1329.200	31.57	-19.79	54.0	22.43	AV	298.00	150	Vertical	Pass
2	2491.600	46.39	-12.86	74.0	27.61	Peak	219.00	150	Vertical	Pass
2**	2491.600	37.69	-12.86	54.0	16.31	AV	219.00	150	Vertical	Pass
3	4305.500	47.57	-6.42	74.0	26.43	Peak	307.00	100	Vertical	Pass
3**	4305.500	38.13	-6.42	54.0	15.87	AV	307.00	100	Vertical	Pass
4	5182.500	108.11	-4.63	--	--	Peak	201.00	200	Vertical	N/A
4**	5182.500	101.17	-4.63	--	--	AV	201.00	200	Vertical	N/A
5	7612.500	54.33	-1.09	74.0	19.67	Peak	0.00	200	Vertical	Pass
5**	7612.500	45.62	-1.09	54.0	8.38	AV	0.00	200	Vertical	Pass
6	12583.037	52.82	1.31	74.0	21.18	Peak	189.00	200	Vertical	Pass
6**	12583.037	44.37	1.31	54.0	9.63	AV	189.00	200	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	1595.700	36.96	-19.93	74.0	37.04	Peak	344.00	200	Horizontal	Pass
1**	1595.700	27.16	-19.93	54.0	26.84	AV	344.00	200	Horizontal	Pass
2	2848.400	43.50	-12.21	74.0	30.50	Peak	52.00	200	Horizontal	Pass
2**	2848.400	33.73	-12.21	54.0	20.27	AV	52.00	200	Horizontal	Pass
3	4331.250	47.93	-6.01	74.0	26.07	Peak	228.00	150	Horizontal	Pass
3**	4331.250	38.21	-6.01	54.0	15.79	AV	228.00	150	Horizontal	Pass
4	5219.000	108.11	-4.81	--	--	Peak	98.00	100	Horizontal	N/A
4**	5219.000	100.41	-4.81	--	--	AV	98.00	100	Horizontal	N/A
5	7493.250	53.96	-0.42	74.0	20.04	Peak	114.00	150	Horizontal	Pass
5**	7493.250	45.28	-0.42	54.0	8.72	AV	114.00	150	Horizontal	Pass
6	12397.550	52.61	0.33	74.0	21.39	Peak	0.00	300	Horizontal	Pass
6**	12397.550	43.48	0.33	54.0	10.52	AV	0.00	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	1333.100	40.00	-19.75	74.0	34.00	Peak	310.00	150	Vertical	Pass
1**	1333.100	27.15	-19.75	54.0	26.85	AV	310.00	150	Vertical	Pass
2	2487.900	47.21	-12.79	74.0	26.79	Peak	235.00	150	Vertical	Pass
2**	2487.900	35.91	-12.79	54.0	18.09	AV	235.00	150	Vertical	Pass
3	4370.500	47.33	-6.98	74.0	26.67	Peak	80.00	150	Vertical	Pass
3**	4370.500	38.32	-6.98	54.0	15.68	AV	80.00	150	Vertical	Pass
4	5218.500	108.05	-4.78	--	--	Peak	222.00	400	Vertical	N/A
4**	5218.500	101.06	-4.78	--	--	AV	222.00	400	Vertical	N/A
5	7482.500	54.61	-0.70	74.0	19.39	Peak	172.00	200	Vertical	Pass
5**	7482.500	45.53	-0.70	54.0	8.47	AV	172.00	200	Vertical	Pass
6	12586.599	52.97	1.27	74.0	21.03	Peak	66.00	400	Vertical	Pass
6**	12586.599	44.42	1.27	54.0	9.58	AV	66.00	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	1555.900	36.75	-19.87	74.0	37.25	Peak	92.00	300	Horizontal	Pass
1**	1555.900	27.23	-19.87	54.0	26.77	AV	92.00	300	Horizontal	Pass
2	2488.900	45.89	-12.80	74.0	28.11	Peak	176.00	150	Horizontal	Pass
2**	2488.900	36.75	-12.80	54.0	17.25	AV	176.00	150	Horizontal	Pass
3	4343.000	47.44	-6.26	74.0	26.56	Peak	342.00	150	Horizontal	Pass
3**	4343.000	38.83	-6.26	54.0	15.17	AV	342.00	150	Horizontal	Pass
4	5235.250	105.95	-5.10	--	--	Peak	95.00	200	Horizontal	N/A
4**	5235.250	98.65	-5.10	--	--	AV	95.00	200	Horizontal	N/A
5	7533.750	53.87	-0.47	74.0	20.13	Peak	144.00	100	Horizontal	Pass
5**	7533.750	45.89	-0.47	54.0	8.11	AV	144.00	100	Horizontal	Pass
6	12276.425	52.42	0.52	74.0	21.58	Peak	244.00	200	Horizontal	Pass
6**	12276.425	43.85	0.52	54.0	10.15	AV	244.00	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	1330.900	41.71	-19.79	74.0	32.29	Peak	288.00	150	Vertical	Pass
1**	1330.900	29.27	-19.79	54.0	24.73	AV	288.00	150	Vertical	Pass
2	2492.100	46.73	-12.86	74.0	27.27	Peak	223.00	150	Vertical	Pass
2**	2492.100	37.36	-12.86	54.0	16.64	AV	223.00	150	Vertical	Pass
3	4329.500	47.40	-5.96	74.0	26.60	Peak	118.00	200	Vertical	Pass
3**	4329.500	38.63	-5.96	54.0	15.37	AV	118.00	200	Vertical	Pass
4	5242.000	107.87	-5.23	--	--	Peak	207.00	400	Vertical	N/A
4**	5242.000	100.86	-5.23	--	--	AV	207.00	400	Vertical	N/A
5	7586.750	54.44	-1.09	74.0	19.56	Peak	159.00	100	Vertical	Pass
5**	7586.750	44.70	-1.09	54.0	9.30	AV	159.00	100	Vertical	Pass
6	12610.113	52.78	1.06	74.0	21.22	Peak	94.00	200	Vertical	Pass
6**	12610.113	43.63	1.06	54.0	10.37	AV	94.00	200	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	1349.100	38.61	-17.70	74.0	35.39	Peak	269.00	200	Horizontal	Pass
1**	1349.100	28.14	-17.70	54.0	25.86	AV	269.00	200	Horizontal	Pass
2	2811.800	44.44	-10.82	74.0	29.56	Peak	286.00	300	Horizontal	Pass
2**	2811.800	35.10	-10.82	54.0	18.90	AV	286.00	300	Horizontal	Pass
3	4250.200	48.15	-4.71	74.0	25.85	Peak	0.00	200	Horizontal	Pass
3**	4250.200	39.06	-4.71	54.0	14.94	AV	0.00	200	Horizontal	Pass
4	5182.000	105.13	-3.21	--	--	Peak	60.00	200	Horizontal	N/A
4**	5182.000	98.19	-3.21	--	--	AV	60.00	200	Horizontal	N/A
5	7554.588	47.99	-1.57	74.0	26.01	Peak	50.00	200	Horizontal	Pass
5**	7554.588	39.33	-1.57	54.0	14.67	AV	50.00	200	Horizontal	Pass
6	11708.963	51.01	2.17	74.0	22.99	Peak	113.00	100	Horizontal	Pass
6**	11708.963	41.64	2.17	54.0	12.36	AV	113.00	100	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	1328.000	41.57	-17.65	74.0	32.43	Peak	216.00	300	Vertical	Pass
1**	1328.000	29.11	-17.65	54.0	24.89	AV	216.00	300	Vertical	Pass
2	2490.700	46.13	-12.71	74.0	27.87	Peak	181.00	150	Vertical	Pass
2**	2490.700	38.23	-12.71	54.0	15.77	AV	181.00	150	Vertical	Pass
3	4800.400	50.43	-3.53	74.0	23.57	Peak	38.00	150	Vertical	Pass
3**	4800.400	42.46	-3.53	54.0	11.54	AV	38.00	150	Vertical	Pass
4	5181.800	106.92	-3.20	--	--	Peak	161.00	100	Vertical	N/A
4**	5181.800	100.16	-3.20	--	--	AV	161.00	100	Vertical	N/A
5	7542.800	48.15	-1.63	74.0	25.85	Peak	165.00	150	Vertical	Pass
5**	7542.800	39.48	-1.63	54.0	14.52	AV	165.00	150	Vertical	Pass
6	12228.475	51.39	2.62	74.0	22.61	Peak	70.00	200	Vertical	Pass
6**	12228.475	42.16	2.62	54.0	11.84	AV	70.00	200	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	1492.200	39.76	-17.74	74.0	34.24	Peak	130.00	150	Horizontal	Pass
1**	1492.200	29.11	-17.74	54.0	24.89	AV	130.00	150	Horizontal	Pass
2	2858.800	43.52	-10.56	74.0	30.48	Peak	311.00	400	Horizontal	Pass
2**	2858.800	33.93	-10.56	54.0	20.07	AV	311.00	400	Horizontal	Pass
3	4307.800	48.86	-5.01	74.0	25.14	Peak	146.00	150	Horizontal	Pass
3**	4307.800	39.05	-5.01	54.0	14.95	AV	146.00	150	Horizontal	Pass
4	5222.400	105.68	-3.45	--	--	Peak	58.00	200	Horizontal	N/A
4**	5222.400	97.62	-3.45	--	--	AV	58.00	200	Horizontal	N/A
5	7539.925	48.50	-1.68	74.0	25.50	Peak	70.00	100	Horizontal	Pass
5**	7539.925	39.13	-1.68	54.0	14.87	AV	70.00	100	Horizontal	Pass
6	12264.125	51.20	2.54	74.0	22.80	Peak	154.00	100	Horizontal	Pass
6**	12264.125	42.09	2.54	54.0	11.91	AV	154.00	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	1329.800	43.37	-17.69	74.0	30.63	Peak	210.00	400	Vertical	Pass
1**	1329.800	28.48	-17.69	54.0	25.52	AV	210.00	400	Vertical	Pass
2	2490.000	46.26	-12.72	74.0	27.74	Peak	175.00	150	Vertical	Pass
2**	2490.000	37.26	-12.72	54.0	16.74	AV	175.00	150	Vertical	Pass
3	4206.400	48.07	-5.11	74.0	25.93	Peak	255.00	100	Vertical	Pass
3**	4206.400	39.36	-5.11	54.0	14.64	AV	255.00	100	Vertical	Pass
4	5219.400	106.89	-3.47	--	--	Peak	176.00	400	Vertical	N/A
4**	5219.400	99.23	-3.47	--	--	AV	176.00	400	Vertical	N/A
5	7556.313	48.30	-1.65	74.0	25.70	Peak	324.00	100	Vertical	Pass
5**	7556.313	39.57	-1.65	54.0	14.43	AV	324.00	100	Vertical	Pass
6	11711.549	50.75	2.13	74.0	23.25	Peak	155.00	200	Vertical	Pass
6**	11711.549	41.64	2.13	54.0	12.36	AV	155.00	200	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	1328.600	38.16	-17.66	74.0	35.84	Peak	332.00	300	Horizontal	Pass
1**	1328.600	28.26	-17.66	54.0	25.74	AV	332.00	300	Horizontal	Pass
2	2806.100	44.34	-11.00	74.0	29.66	Peak	124.00	400	Horizontal	Pass
2**	2806.100	34.68	-11.00	54.0	19.32	AV	124.00	400	Horizontal	Pass
3	4343.800	48.57	-4.71	74.0	25.43	Peak	95.00	150	Horizontal	Pass
3**	4343.800	38.50	-4.71	54.0	15.50	AV	95.00	150	Horizontal	Pass
4	5237.000	105.52	-3.67	--	--	Peak	67.00	400	Horizontal	N/A
4**	5237.000	98.38	-3.67	--	--	AV	67.00	400	Horizontal	N/A
5	7545.100	48.21	-1.60	74.0	25.79	Peak	345.00	200	Horizontal	Pass
5**	7545.100	39.34	-1.60	54.0	14.66	AV	345.00	200	Horizontal	Pass
6	11651.174	51.10	2.55	74.0	22.90	Peak	260.00	200	Horizontal	Pass
6**	11651.174	41.99	2.55	54.0	12.01	AV	260.00	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	1330.900	39.67	-17.72	74.0	34.33	Peak	5.00	100	Vertical	Pass
1**	1330.900	29.31	-17.72	54.0	24.69	AV	5.00	100	Vertical	Pass
2	2490.600	46.64	-12.71	74.0	27.36	Peak	186.00	150	Vertical	Pass
2**	2490.600	38.63	-12.71	54.0	15.37	AV	186.00	150	Vertical	Pass
3	4292.400	48.94	-4.75	74.0	25.06	Peak	342.00	100	Vertical	Pass
3**	4292.400	39.28	-4.75	54.0	14.72	AV	342.00	100	Vertical	Pass
4	5238.800	106.99	-3.66	--	--	Peak	154.00	200	Vertical	N/A
4**	5238.800	100.11	-3.66	--	--	AV	154.00	200	Vertical	N/A
5	7548.550	48.50	-1.59	74.0	25.50	Peak	333.00	150	Vertical	Pass
5**	7548.550	38.92	-1.59	54.0	15.08	AV	333.00	150	Vertical	Pass
6	12271.313	51.58	2.48	74.0	22.42	Peak	228.00	300	Vertical	Pass
6**	12271.313	41.59	2.48	54.0	12.41	AV	228.00	300	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	1331.800	38.91	-17.73	74.0	35.09	Peak	64.00	300	Horizontal	Pass
1**	1331.800	28.26	-17.73	54.0	25.74	AV	64.00	300	Horizontal	Pass
2	2742.800	44.08	-10.67	74.0	29.92	Peak	271.00	100	Horizontal	Pass
2**	2742.800	34.19	-10.67	54.0	19.81	AV	271.00	100	Horizontal	Pass
3	4284.000	48.65	-4.67	74.0	25.35	Peak	125.00	200	Horizontal	Pass
3**	4284.000	39.31	-4.67	54.0	14.69	AV	125.00	200	Horizontal	Pass
4	5192.400	103.60	-3.26	--	--	Peak	67.00	100	Horizontal	N/A
4**	5192.400	96.21	-3.26	--	--	AV	67.00	100	Horizontal	N/A
5	7399.050	48.12	-1.61	74.0	25.88	Peak	258.00	200	Horizontal	Pass
5**	7399.050	38.80	-1.61	54.0	15.20	AV	258.00	200	Horizontal	Pass
6	11663.537	51.46	2.50	74.0	22.54	Peak	185.00	400	Horizontal	Pass
6**	11663.537	41.64	2.50	54.0	12.36	AV	185.00	400	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	1333.000	43.48	-17.75	74.0	30.52	Peak	215.00	400	Vertical	Pass
1**	1333.000	33.99	-17.75	54.0	20.01	AV	215.00	400	Vertical	Pass
2	2493.900	46.39	-12.65	74.0	27.61	Peak	180.00	150	Vertical	Pass
2**	2493.900	35.85	-12.65	54.0	18.15	AV	180.00	150	Vertical	Pass
3	4342.600	47.79	-4.68	74.0	26.21	Peak	173.00	150	Vertical	Pass
3**	4342.600	38.73	-4.68	54.0	15.27	AV	173.00	150	Vertical	Pass
4	5191.200	104.66	-3.22	--	--	Peak	158.00	100	Vertical	N/A
4**	5191.200	97.87	-3.22	--	--	AV	158.00	100	Vertical	N/A
5	7569.538	47.64	-2.04	74.0	26.36	Peak	303.00	200	Vertical	Pass
5**	7569.538	38.85	-2.04	54.0	15.15	AV	303.00	200	Vertical	Pass
6	11668.712	51.57	2.48	74.0	22.43	Peak	218.00	300	Vertical	Pass
6**	11668.712	41.81	2.48	54.0	12.19	AV	218.00	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	1323.700	38.38	-17.60	74.0	35.62	Peak	27.00	400	Horizontal	Pass
1**	1323.700	28.47	-17.60	54.0	25.53	AV	27.00	400	Horizontal	Pass
2	2827.000	44.24	-10.52	74.0	29.76	Peak	172.00	100	Horizontal	Pass
2**	2827.000	34.57	-10.52	54.0	19.43	AV	172.00	100	Horizontal	Pass
3	4315.200	48.57	-5.03	74.0	25.43	Peak	360.00	100	Horizontal	Pass
3**	4315.200	38.56	-5.03	54.0	15.44	AV	360.00	100	Horizontal	Pass
4	5227.400	104.06	-3.50	--	--	Peak	65.00	200	Horizontal	N/A
4**	5227.400	95.83	-3.50	--	--	AV	65.00	200	Horizontal	N/A
5	7553.150	47.89	-1.56	74.0	26.11	Peak	313.00	200	Horizontal	Pass
5**	7553.150	39.51	-1.56	54.0	14.49	AV	313.00	200	Horizontal	Pass
6	12316.450	51.16	2.21	74.0	22.84	Peak	354.00	300	Horizontal	Pass
6**	12316.450	41.08	2.21	54.0	12.92	AV	354.00	300	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	1389.400	38.68	-17.43	74.0	35.32	Peak	336.00	200	Vertical	Pass
1**	1389.400	29.49	-17.43	54.0	24.51	AV	336.00	200	Vertical	Pass
2	2489.200	46.29	-12.73	74.0	27.71	Peak	179.00	150	Vertical	Pass
2**	2489.200	37.67	-12.73	54.0	16.33	AV	179.00	150	Vertical	Pass
3	4231.800	47.85	-5.03	74.0	26.15	Peak	261.00	100	Vertical	Pass
3**	4231.800	39.20	-5.03	54.0	14.80	AV	261.00	100	Vertical	Pass
4	5223.200	105.22	-3.47	--	--	Peak	153.00	100	Vertical	N/A
4**	5223.200	98.49	-3.47	--	--	AV	153.00	100	Vertical	N/A
5	7524.400	48.33	-1.62	74.0	25.67	Peak	272.00	100	Vertical	Pass
5**	7524.400	40.13	-1.62	54.0	13.87	AV	272.00	100	Vertical	Pass
6	11746.625	51.26	1.60	74.0	22.74	Peak	177.00	100	Vertical	Pass
6**	11746.625	42.00	1.60	54.0	12.00	AV	177.00	100	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	1386.300	37.80	-17.46	74.0	36.20	Peak	0.00	300	Horizontal	Pass
1**	1386.300	28.55	-17.46	54.0	25.45	AV	0.00	300	Horizontal	Pass
2	2746.200	43.93	-10.77	74.0	30.07	Peak	5.00	300	Horizontal	Pass
2**	2746.200	34.78	-10.77	54.0	19.22	AV	5.00	300	Horizontal	Pass
3	4296.000	48.54	-4.88	74.0	25.46	Peak	121.00	150	Horizontal	Pass
3**	4296.000	39.24	-4.88	54.0	14.76	AV	121.00	150	Horizontal	Pass
4	5178.600	105.74	-3.14	--	--	Peak	64.00	200	Horizontal	N/A
4**	5178.600	97.47	-3.14	--	--	AV	64.00	200	Horizontal	N/A
5	7544.237	47.94	-1.62	74.0	26.06	Peak	304.00	200	Horizontal	Pass
5**	7544.237	38.61	-1.62	54.0	15.39	AV	304.00	200	Horizontal	Pass
6	12225.313	51.27	2.61	74.0	22.73	Peak	112.00	100	Horizontal	Pass
6**	12225.313	42.58	2.61	54.0	11.42	AV	112.00	100	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	1330.100	42.36	-17.70	74.0	31.64	Peak	214.00	400	Vertical	Pass
1**	1330.100	32.64	-17.70	54.0	21.36	AV	214.00	400	Vertical	Pass
2	2495.700	46.29	-12.63	74.0	27.71	Peak	189.00	150	Vertical	Pass
2**	2495.700	37.22	-12.63	54.0	16.78	AV	189.00	150	Vertical	Pass
3	4253.400	48.67	-4.72	74.0	25.33	Peak	116.00	200	Vertical	Pass
3**	4253.400	38.67	-4.72	54.0	15.33	AV	116.00	200	Vertical	Pass
4	5179.200	106.86	-3.15	--	--	Peak	161.00	400	Vertical	N/A
4**	5179.200	101.11	-3.15	--	--	AV	161.00	400	Vertical	N/A
5	7547.112	48.39	-1.58	74.0	25.61	Peak	312.00	100	Vertical	Pass
5**	7547.112	39.84	-1.58	54.0	14.16	AV	312.00	100	Vertical	Pass
6	11688.838	51.10	2.39	74.0	22.90	Peak	145.00	100	Vertical	Pass
6**	11688.838	41.11	2.39	54.0	12.89	AV	145.00	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	1402.400	38.11	-17.48	74.0	35.89	Peak	266.00	200	Horizontal	Pass
1**	1402.400	28.38	-17.48	54.0	25.62	AV	266.00	200	Horizontal	Pass
2	2737.200	43.80	-10.76	74.0	30.20	Peak	352.00	400	Horizontal	Pass
2**	2737.200	35.08	-10.76	54.0	18.92	AV	352.00	400	Horizontal	Pass
3	4299.000	48.36	-4.88	74.0	25.64	Peak	312.00	150	Horizontal	Pass
3**	4299.000	38.65	-4.88	54.0	15.35	AV	312.00	150	Horizontal	Pass
4	5218.600	106.33	-3.47	--	--	Peak	65.00	200	Horizontal	N/A
4**	5218.600	98.73	-3.47	--	--	AV	65.00	200	Horizontal	N/A
5	7538.775	48.40	-1.69	74.0	25.60	Peak	216.00	100	Horizontal	Pass
5**	7538.775	39.18	-1.69	54.0	14.82	AV	216.00	100	Horizontal	Pass
6	12230.200	50.69	2.62	74.0	23.31	Peak	322.00	300	Horizontal	Pass
6**	12230.200	41.39	2.62	54.0	12.61	AV	322.00	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	1331.000	44.28	-17.72	74.0	29.72	Peak	209.00	400	Vertical	Pass
1**	1331.000	29.26	-17.72	54.0	24.74	AV	209.00	400	Vertical	Pass
2	2489.200	46.28	-12.73	74.0	27.72	Peak	205.00	150	Vertical	Pass
2**	2489.200	37.94	-12.73	54.0	16.06	AV	205.00	150	Vertical	Pass
3	4321.600	48.51	-4.91	74.0	25.49	Peak	145.00	150	Vertical	Pass
3**	4321.600	39.38	-4.91	54.0	14.62	AV	145.00	150	Vertical	Pass
4	5222.800	108.57	-3.46	--	--	Peak	152.00	200	Vertical	N/A
4**	5222.800	100.18	-3.46	--	--	AV	152.00	200	Vertical	N/A
5	7487.312	48.45	-1.85	74.0	25.55	Peak	335.00	100	Vertical	Pass
5**	7487.312	39.65	-1.85	54.0	14.35	AV	335.00	100	Vertical	Pass
6	11677.050	51.69	2.45	74.0	22.31	Peak	50.00	400	Vertical	Pass
6**	11677.050	42.03	2.45	54.0	11.97	AV	50.00	400	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	1310.500	38.14	-17.46	74.0	35.86	Peak	92.00	100	Horizontal	Pass
1**	1310.500	29.21	-17.46	54.0	24.79	AV	92.00	100	Horizontal	Pass
2	2877.200	43.75	-10.44	74.0	30.25	Peak	323.00	400	Horizontal	Pass
2**	2877.200	35.07	-10.44	54.0	18.93	AV	323.00	400	Horizontal	Pass
3	4328.800	48.12	-4.84	74.0	25.88	Peak	72.00	150	Horizontal	Pass
3**	4328.800	39.05	-4.84	54.0	14.95	AV	72.00	150	Horizontal	Pass
4	5242.000	105.41	-3.71	--	--	Peak	72.00	400	Horizontal	N/A
4**	5242.000	97.22	-3.71	--	--	AV	72.00	400	Horizontal	N/A
5	7556.600	48.25	-1.66	74.0	25.75	Peak	133.00	100	Horizontal	Pass
5**	7556.600	39.14	-1.66	54.0	14.86	AV	133.00	100	Horizontal	Pass
6	12200.588	51.05	2.56	74.0	22.95	Peak	38.00	100	Horizontal	Pass
6**	12200.588	41.33	2.56	54.0	12.67	AV	38.00	100	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	1331.400	43.83	-17.73	74.0	30.17	Peak	214.00	100	Vertical	Pass
1**	1331.400	37.03	-17.73	54.0	16.97	AV	214.00	100	Vertical	Pass
2	2490.500	46.10	-12.71	74.0	27.90	Peak	210.00	150	Vertical	Pass
2**	2490.500	38.07	-12.71	54.0	15.93	AV	210.00	150	Vertical	Pass
3	4286.400	48.19	-4.74	74.0	25.81	Peak	348.00	150	Vertical	Pass
3**	4286.400	39.24	-4.74	54.0	14.76	AV	348.00	150	Vertical	Pass
4	5237.600	106.50	-3.66	--	--	Peak	152.00	300	Vertical	N/A
4**	5237.600	101.14	-3.66	--	--	AV	152.00	300	Vertical	N/A
5	7516.638	47.79	-1.67	74.0	26.21	Peak	27.00	100	Vertical	Pass
5**	7516.638	38.06	-1.67	54.0	15.94	AV	27.00	100	Vertical	Pass
6	12261.537	51.01	2.57	74.0	22.99	Peak	344.00	400	Vertical	Pass
6**	12261.537	41.99	2.57	54.0	12.01	AV	344.00	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	1359.700	38.44	-17.59	74.0	35.56	Peak	97.00	300	Horizontal	Pass
1**	1359.700	27.96	-17.59	54.0	26.04	AV	97.00	300	Horizontal	Pass
2	2809.700	43.93	-10.84	74.0	30.07	Peak	85.00	400	Horizontal	Pass
2**	2809.700	34.99	-10.84	54.0	19.01	AV	85.00	400	Horizontal	Pass
3	4250.800	48.54	-4.71	74.0	25.46	Peak	360.00	100	Horizontal	Pass
3**	4250.800	38.81	-4.71	54.0	15.19	AV	360.00	100	Horizontal	Pass
4	5196.200	103.30	-3.27	--	--	Peak	66.00	300	Horizontal	N/A
4**	5196.200	97.16	-3.27	--	--	AV	66.00	300	Horizontal	N/A
5	7542.800	48.54	-1.63	74.0	25.46	Peak	239.00	200	Horizontal	Pass
5**	7542.800	39.14	-1.63	54.0	14.86	AV	239.00	200	Horizontal	Pass
6	11678.488	51.29	2.44	74.0	22.71	Peak	59.00	100	Horizontal	Pass
6**	11678.488	41.55	2.44	54.0	12.45	AV	59.00	100	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	1329.500	39.13	-17.68	74.0	34.87	Peak	332.00	100	Vertical	Pass
1**	1329.500	30.70	-17.68	54.0	23.30	AV	332.00	100	Vertical	Pass
2	2491.700	46.01	-12.72	74.0	27.99	Peak	184.00	150	Vertical	Pass
2**	2491.700	36.43	-12.72	54.0	17.57	AV	184.00	150	Vertical	Pass
3	4298.800	48.44	-4.89	74.0	25.56	Peak	186.00	200	Vertical	Pass
3**	4298.800	38.64	-4.89	54.0	15.36	AV	186.00	200	Vertical	Pass
4	5195.600	105.08	-3.26	--	--	Peak	157.00	200	Vertical	N/A
4**	5195.600	97.25	-3.26	--	--	AV	157.00	200	Vertical	N/A
5	7495.075	48.02	-1.85	74.0	25.98	Peak	7.00	200	Vertical	Pass
5**	7495.075	38.64	-1.85	54.0	15.36	AV	7.00	200	Vertical	Pass
6	11638.813	50.96	2.43	74.0	23.04	Peak	92.00	100	Vertical	Pass
6**	11638.813	40.96	2.43	54.0	13.04	AV	92.00	100	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	1386.300	37.86	-17.46	74.0	36.14	Peak	238.00	400	Horizontal	Pass
1**	1386.300	28.41	-17.46	54.0	25.59	AV	238.00	400	Horizontal	Pass
2	2879.600	44.15	-10.29	74.0	29.85	Peak	49.00	200	Horizontal	Pass
2**	2879.600	34.78	-10.29	54.0	19.22	AV	49.00	200	Horizontal	Pass
3	4292.400	48.98	-4.75	74.0	25.02	Peak	304.00	150	Horizontal	Pass
3**	4292.400	39.74	-4.75	54.0	14.26	AV	304.00	150	Horizontal	Pass
4	5225.600	103.08	-3.48	--	--	Peak	66.00	300	Horizontal	N/A
4**	5225.600	95.11	-3.48	--	--	AV	66.00	300	Horizontal	N/A
5	7531.875	48.62	-1.66	74.0	25.38	Peak	291.00	100	Horizontal	Pass
5**	7531.875	39.34	-1.66	54.0	14.66	AV	291.00	100	Horizontal	Pass
6	11649.162	51.16	2.55	74.0	22.84	Peak	144.00	100	Horizontal	Pass
6**	11649.162	42.79	2.55	54.0	11.21	AV	144.00	100	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	1330.700	44.52	-17.71	74.0	29.48	Peak	222.00	200	Vertical	Pass
1**	1330.700	28.28	-17.71	54.0	25.72	AV	222.00	200	Vertical	Pass
2	2495.000	46.52	-12.60	74.0	27.48	Peak	186.00	150	Vertical	Pass
2**	2495.000	35.67	-12.60	54.0	18.33	AV	186.00	150	Vertical	Pass
3	4146.600	47.95	-5.26	74.0	26.05	Peak	354.00	100	Vertical	Pass
3**	4146.600	38.18	-5.26	54.0	15.82	AV	354.00	100	Vertical	Pass
4	5227.600	104.75	-3.50	--	--	Peak	152.00	200	Vertical	N/A
4**	5227.600	96.55	-3.50	--	--	AV	152.00	200	Vertical	N/A
5	7488.175	48.64	-1.85	74.0	25.36	Peak	80.00	200	Vertical	Pass
5**	7488.175	38.67	-1.85	54.0	15.33	AV	80.00	200	Vertical	Pass
6	12239.112	50.81	2.64	74.0	23.19	Peak	80.00	300	Vertical	Pass
6**	12239.112	41.68	2.64	54.0	12.32	AV	80.00	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	1329.700	38.46	-17.69	74.0	35.54	Peak	136.00	400	Horizontal	Pass
1**	1329.700	29.08	-17.69	54.0	24.92	AV	136.00	400	Horizontal	Pass
2	2719.600	43.60	-11.15	74.0	30.40	Peak	132.00	100	Horizontal	Pass
2**	2719.600	33.96	-11.15	54.0	20.04	AV	132.00	100	Horizontal	Pass
3	4297.200	48.82	-4.91	74.0	25.18	Peak	58.00	150	Horizontal	Pass
3**	4297.200	39.30	-4.91	54.0	14.70	AV	58.00	150	Horizontal	Pass
4	5206.600	102.46	-3.37	--	--	Peak	65.00	300	Horizontal	N/A
4**	5206.600	94.43	-3.37	--	--	AV	65.00	300	Horizontal	N/A
5	7543.088	48.38	-1.63	74.0	25.62	Peak	228.00	200	Horizontal	Pass
5**	7543.088	39.30	-1.63	54.0	14.70	AV	228.00	200	Horizontal	Pass
6	12239.112	51.84	2.64	74.0	22.16	Peak	281.00	300	Horizontal	Pass
6**	12239.112	41.68	2.64	54.0	12.32	AV	281.00	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	1330.500	39.94	-17.71	74.0	34.06	Peak	219.00	200	Vertical	Pass
1**	1330.500	31.20	-17.71	54.0	22.80	AV	219.00	200	Vertical	Pass
2	2488.500	46.49	-12.74	74.0	27.51	Peak	190.00	150	Vertical	Pass
2**	2488.500	36.59	-12.74	54.0	17.41	AV	190.00	150	Vertical	Pass
3	4330.000	48.32	-4.81	74.0	25.68	Peak	38.00	150	Vertical	Pass
3**	4330.000	39.26	-4.81	54.0	14.74	AV	38.00	150	Vertical	Pass
4	5204.600	103.04	-3.35	--	--	Peak	153.00	200	Vertical	N/A
4**	5204.600	95.74	-3.35	--	--	AV	153.00	200	Vertical	N/A
5	7543.088	48.03	-1.63	74.0	25.97	Peak	269.00	100	Vertical	Pass
5**	7543.088	40.16	-1.63	54.0	13.84	AV	269.00	100	Vertical	Pass
6	11770.776	51.00	1.34	74.0	23.00	Peak	248.00	200	Vertical	Pass
6**	11770.776	41.81	1.34	54.0	12.19	AV	248.00	200	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	1525.600	37.82	-19.59	74.0	36.18	Peak	59.00	400	Horizontal	Pass
1**	1525.600	27.74	-19.59	54.0	26.26	AV	59.00	400	Horizontal	Pass
2	2737.600	43.74	-12.02	74.0	30.26	Peak	131.00	300	Horizontal	Pass
2**	2737.600	34.12	-12.02	54.0	19.88	AV	131.00	300	Horizontal	Pass
3	4355.500	47.56	-6.63	74.0	26.44	Peak	360.00	150	Horizontal	Pass
3**	4355.500	38.23	-6.63	54.0	15.77	AV	360.00	150	Horizontal	Pass
4	5743.250	104.63	-5.34	--	--	Peak	127.00	300	Horizontal	N/A
4**	5743.250	97.09	-5.34	--	--	AV	127.00	300	Horizontal	N/A
5	7530.750	54.73	-0.67	74.0	19.27	Peak	227.00	100	Horizontal	Pass
5**	7530.750	44.84	-0.67	54.0	9.16	AV	227.00	100	Horizontal	Pass
6	12363.825	52.77	0.62	74.0	21.23	Peak	123.00	400	Horizontal	Pass
6**	12363.825	43.51	0.62	54.0	10.49	AV	123.00	400	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	1330.500	39.76	-19.81	74.0	34.24	Peak	227.00	150	Vertical	Pass
1**	1330.500	28.91	-19.81	54.0	25.09	AV	227.00	150	Vertical	Pass
2	2490.900	47.06	-12.86	74.0	26.94	Peak	227.00	150	Vertical	Pass
2**	2490.900	37.50	-12.86	54.0	16.50	AV	227.00	150	Vertical	Pass
3	4989.000	53.60	-4.16	74.0	20.40	Peak	338.00	150	Vertical	Pass
3**	4989.000	42.30	-4.16	54.0	11.70	AV	338.00	150	Vertical	Pass
4	5745.750	106.10	-5.28	--	--	Peak	69.00	400	Vertical	N/A
4**	5745.750	98.44	-5.28	--	--	AV	69.00	400	Vertical	N/A
5	7524.750	54.33	-0.95	74.0	19.67	Peak	159.00	100	Vertical	Pass
5**	7524.750	45.84	-0.95	54.0	8.16	AV	159.00	100	Vertical	Pass
6	12429.850	52.50	0.65	74.0	21.50	Peak	0.00	300	Vertical	Pass
6**	12429.850	43.12	0.65	54.0	10.88	AV	0.00	300	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	1535.100	37.38	-19.73	74.0	36.62	Peak	305.00	400	Horizontal	Pass
1**	1535.100	27.91	-19.73	54.0	26.09	AV	305.00	400	Horizontal	Pass
2	2825.700	43.51	-12.64	74.0	30.49	Peak	222.00	200	Horizontal	Pass
2**	2825.700	34.27	-12.64	54.0	19.73	AV	222.00	200	Horizontal	Pass
3	4192.750	47.80	-7.29	74.0	26.20	Peak	70.00	200	Horizontal	Pass
3**	4192.750	37.48	-7.29	54.0	16.52	AV	70.00	200	Horizontal	Pass
4	5784.000	103.44	-4.69	--	--	Peak	46.00	200	Horizontal	N/A
4**	5784.000	95.74	-4.69	--	--	AV	46.00	200	Horizontal	N/A
5	7607.000	54.27	-0.81	74.0	19.73	Peak	250.00	200	Horizontal	Pass
5**	7607.000	44.54	-0.81	54.0	9.46	AV	250.00	200	Horizontal	Pass
6	12580.901	52.98	1.33	74.0	21.02	Peak	341.00	300	Horizontal	Pass
6**	12580.901	44.34	1.33	54.0	9.66	AV	341.00	300	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	1500.600	38.54	-19.48	74.0	35.46	Peak	50.00	100	Vertical	Pass
1**	1500.600	28.30	-19.48	54.0	25.70	AV	50.00	100	Vertical	Pass
2	2494.900	46.77	-12.88	74.0	27.23	Peak	217.00	150	Vertical	Pass
2**	2494.900	36.86	-12.88	54.0	17.14	AV	217.00	150	Vertical	Pass
3	4800.000	50.18	-4.74	74.0	23.82	Peak	300.00	150	Vertical	Pass
3**	4800.000	42.46	-4.74	54.0	11.54	AV	300.00	150	Vertical	Pass
4	5786.000	105.92	-4.72	--	--	Peak	96.00	300	Vertical	N/A
4**	5786.000	97.95	-4.72	--	--	AV	96.00	300	Vertical	N/A
5	7545.000	54.79	-0.48	74.0	19.21	Peak	63.00	200	Vertical	Pass
5**	7545.000	45.67	-0.48	54.0	8.33	AV	63.00	200	Vertical	Pass
6	12371.425	52.73	0.55	74.0	21.27	Peak	7.00	200	Vertical	Pass
6**	12371.425	43.33	0.55	54.0	10.67	AV	7.00	200	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	1497.100	37.89	-19.52	74.0	36.11	Peak	7.00	200	Horizontal	Pass
1**	1497.100	27.15	-19.52	54.0	26.85	AV	7.00	200	Horizontal	Pass
2	2827.100	43.98	-12.61	74.0	30.02	Peak	309.00	200	Horizontal	Pass
2**	2827.100	34.18	-12.61	54.0	19.82	AV	309.00	200	Horizontal	Pass
3	4337.500	47.51	-6.10	74.0	26.49	Peak	360.00	100	Horizontal	Pass
3**	4337.500	38.85	-6.10	54.0	15.15	AV	360.00	100	Horizontal	Pass
4	5825.500	101.88	-4.76	--	--	Peak	333.00	200	Horizontal	N/A
4**	5825.500	94.51	-4.76	--	--	AV	333.00	200	Horizontal	N/A
5	7537.500	55.62	-0.25	74.0	18.38	Peak	243.00	150	Horizontal	Pass
5**	7537.500	45.10	-0.25	54.0	8.90	AV	243.00	150	Horizontal	Pass
6	12549.075	53.11	1.59	74.0	20.89	Peak	95.00	100	Horizontal	Pass
6**	12549.075	43.47	1.59	54.0	10.53	AV	95.00	100	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	1543.600	38.33	-19.76	74.0	35.67	Peak	242.00	100	Vertical	Pass
1**	1543.600	27.83	-19.76	54.0	26.17	AV	242.00	100	Vertical	Pass
2	2489.400	46.94	-12.82	74.0	27.06	Peak	222.00	150	Vertical	Pass
2**	2489.400	38.63	-12.82	54.0	15.37	AV	222.00	150	Vertical	Pass
3	4331.250	47.41	-6.01	74.0	26.59	Peak	276.00	150	Vertical	Pass
3**	4331.250	39.15	-6.01	54.0	14.85	AV	276.00	150	Vertical	Pass
4	5823.750	104.98	-4.72	--	--	Peak	104.00	100	Vertical	N/A
4**	5823.750	96.98	-4.72	--	--	AV	104.00	100	Vertical	N/A
5	7600.250	54.11	-0.37	74.0	19.89	Peak	359.00	150	Vertical	Pass
5**	7600.250	45.58	-0.37	54.0	8.42	AV	359.00	150	Vertical	Pass
6	12398.026	52.71	0.32	74.0	21.29	Peak	0.00	300	Vertical	Pass
6**	12398.026	43.61	0.32	54.0	10.39	AV	0.00	300	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	1346.900	38.50	-17.68	74.0	35.50	Peak	31.00	100	Horizontal	Pass
1**	1346.900	28.84	-17.68	54.0	25.16	AV	31.00	100	Horizontal	Pass
2	2494.800	47.07	-12.59	74.0	26.93	Peak	110.00	150	Horizontal	Pass
2**	2494.800	36.52	-12.59	54.0	17.48	AV	110.00	150	Horizontal	Pass
3	4256.400	48.87	-4.76	74.0	25.13	Peak	293.00	100	Horizontal	Pass
3**	4256.400	40.19	-4.76	54.0	13.81	AV	293.00	100	Horizontal	Pass
4	5745.600	102.36	-3.59	--	--	Peak	172.00	100	Horizontal	N/A
4**	5745.600	95.05	-3.59	--	--	AV	172.00	100	Horizontal	N/A
5	7482.138	48.73	-1.80	74.0	25.27	Peak	360.00	150	Horizontal	Pass
5**	7482.138	39.42	-1.80	54.0	14.58	AV	360.00	150	Horizontal	Pass
6	12249.750	51.95	2.66	74.0	22.05	Peak	206.00	100	Horizontal	Pass
6**	12249.750	42.90	2.66	54.0	11.10	AV	206.00	100	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	1331.500	40.81	-17.73	74.0	33.19	Peak	136.00	400	Vertical	Pass
1**	1331.500	30.61	-17.73	54.0	23.39	AV	136.00	400	Vertical	Pass
2	2496.400	47.97	-12.66	74.0	26.03	Peak	176.00	150	Vertical	Pass
2**	2496.400	36.69	-12.66	54.0	17.31	AV	176.00	150	Vertical	Pass
3	4274.200	48.43	-4.76	74.0	25.57	Peak	188.00	200	Vertical	Pass
3**	4274.200	39.96	-4.76	54.0	14.04	AV	188.00	200	Vertical	Pass
4	5746.400	105.92	-3.59	--	--	Peak	36.00	100	Vertical	N/A
4**	5746.400	99.00	-3.59	--	--	AV	36.00	100	Vertical	N/A
5	7537.913	49.37	-1.69	74.0	24.63	Peak	102.00	150	Vertical	Pass
5**	7537.913	39.78	-1.69	54.0	14.22	AV	102.00	150	Vertical	Pass
6	11621.562	51.80	2.24	74.0	22.20	Peak	28.00	400	Vertical	Pass
6**	11621.562	42.03	2.24	54.0	11.97	AV	28.00	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	1390.100	38.92	-17.43	74.0	35.08	Peak	242.00	300	Horizontal	Pass
1**	1390.100	30.11	-17.43	54.0	23.89	AV	242.00	300	Horizontal	Pass
2	2489.100	45.86	-12.73	74.0	28.14	Peak	110.00	150	Horizontal	Pass
2**	2489.100	38.21	-12.73	54.0	15.79	AV	110.00	150	Horizontal	Pass
3	4145.800	49.22	-5.27	74.0	24.78	Peak	10.00	100	Horizontal	Pass
3**	4145.800	38.69	-5.27	54.0	15.31	AV	10.00	100	Horizontal	Pass
4	5785.800	102.95	-3.00	--	--	Peak	314.00	100	Horizontal	N/A
4**	5785.800	95.86	-3.00	--	--	AV	314.00	100	Horizontal	N/A
5	7561.775	48.85	-1.81	74.0	25.15	Peak	8.00	100	Horizontal	Pass
5**	7561.775	39.68	-1.81	54.0	14.32	AV	8.00	100	Horizontal	Pass
6	11660.375	52.06	2.51	74.0	21.94	Peak	91.00	300	Horizontal	Pass
6**	11660.375	43.40	2.51	54.0	10.60	AV	91.00	300	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	1331.900	43.11	-17.73	74.0	30.89	Peak	189.00	300	Vertical	Pass
1**	1331.900	30.17	-17.73	54.0	23.83	AV	189.00	300	Vertical	Pass
2	2493.200	46.81	-12.69	74.0	27.19	Peak	171.00	150	Vertical	Pass
2**	2493.200	36.29	-12.69	54.0	17.71	AV	171.00	150	Vertical	Pass
3	4271.600	49.70	-4.79	74.0	24.30	Peak	210.00	100	Vertical	Pass
3**	4271.600	40.86	-4.79	54.0	13.14	AV	210.00	100	Vertical	Pass
4	5783.600	105.51	-3.05	--	--	Peak	42.00	400	Vertical	N/A
4**	5783.600	98.44	-3.05	--	--	AV	42.00	400	Vertical	N/A
5	7618.125	49.07	-2.19	74.0	24.93	Peak	17.00	100	Vertical	Pass
5**	7618.125	39.12	-2.19	54.0	14.88	AV	17.00	100	Vertical	Pass
6	11686.537	52.41	2.41	74.0	21.59	Peak	360.00	400	Vertical	Pass
6**	11686.537	42.77	2.41	54.0	11.23	AV	360.00	400	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	1345.500	38.88	-17.67	74.0	35.12	Peak	340.00	100	Horizontal	Pass
1**	1345.500	29.17	-17.67	54.0	24.83	AV	340.00	100	Horizontal	Pass
2	2488.100	45.90	-12.73	74.0	28.10	Peak	102.00	150	Horizontal	Pass
2**	2488.100	38.31	-12.73	54.0	15.69	AV	102.00	150	Horizontal	Pass
3	4213.200	49.15	-4.90	74.0	24.85	Peak	236.00	200	Horizontal	Pass
3**	4213.200	39.89	-4.90	54.0	14.11	AV	236.00	200	Horizontal	Pass
4	5826.800	102.08	-2.74	--	--	Peak	60.00	100	Horizontal	N/A
4**	5826.800	94.17	-2.74	--	--	AV	60.00	100	Horizontal	N/A
5	7387.550	49.38	-1.73	74.0	24.62	Peak	131.00	200	Horizontal	Pass
5**	7387.550	40.68	-1.73	54.0	13.32	AV	131.00	200	Horizontal	Pass
6	12248.025	52.24	2.66	74.0	21.76	Peak	235.00	200	Horizontal	Pass
6**	12248.025	42.37	2.66	54.0	11.63	AV	235.00	200	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	1331.100	42.07	-17.72	74.0	31.93	Peak	196.00	300	Vertical	Pass
1**	1331.100	31.90	-17.72	54.0	22.10	AV	196.00	300	Vertical	Pass
2	2488.200	46.60	-12.73	74.0	27.40	Peak	166.00	150	Vertical	Pass
2**	2488.200	38.17	-12.73	54.0	15.83	AV	166.00	150	Vertical	Pass
3	4293.400	48.85	-4.78	74.0	25.15	Peak	317.00	150	Vertical	Pass
3**	4293.400	39.69	-4.78	54.0	14.31	AV	317.00	150	Vertical	Pass
4	5825.800	105.74	-2.74	--	--	Peak	41.00	400	Vertical	N/A
4**	5825.800	98.65	-2.74	--	--	AV	41.00	400	Vertical	N/A
5	7550.275	49.19	-1.61	74.0	24.81	Peak	37.00	200	Vertical	Pass
5**	7550.275	39.94	-1.61	54.0	14.06	AV	37.00	200	Vertical	Pass
6	11630.474	51.95	2.34	74.0	22.05	Peak	119.00	200	Vertical	Pass
6**	11630.474	42.86	2.34	54.0	11.14	AV	119.00	200	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	1330.800	41.90	-17.71	74.0	32.10	Peak	90.00	400	Horizontal	Pass
1**	1330.800	28.70	-17.71	54.0	25.30	AV	90.00	400	Horizontal	Pass
2	2492.400	46.30	-12.72	74.0	27.70	Peak	120.00	150	Horizontal	Pass
2**	2492.400	36.30	-12.72	54.0	17.70	AV	120.00	150	Horizontal	Pass
3	4289.200	48.94	-4.77	74.0	25.06	Peak	320.00	200	Horizontal	Pass
3**	4289.200	39.84	-4.77	54.0	14.16	AV	320.00	200	Horizontal	Pass
4	5759.400	99.17	-3.50	--	--	Peak	79.00	200	Horizontal	N/A
4**	5759.400	91.77	-3.50	--	--	AV	79.00	200	Horizontal	N/A
5	7423.200	49.12	-2.11	74.0	24.88	Peak	193.00	100	Horizontal	Pass
5**	7423.200	39.76	-2.11	54.0	14.24	AV	193.00	100	Horizontal	Pass
6	12276.487	51.60	2.44	74.0	22.40	Peak	349.00	300	Horizontal	Pass
6**	12276.487	42.04	2.44	54.0	11.96	AV	349.00	300	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	1333.600	39.77	-17.75	74.0	34.23	Peak	131.00	200	Vertical	Pass
1**	1333.600	29.71	-17.75	54.0	24.29	AV	131.00	200	Vertical	Pass
2	2490.100	46.67	-12.71	74.0	27.33	Peak	169.00	150	Vertical	Pass
2**	2490.100	38.75	-12.71	54.0	15.25	AV	169.00	150	Vertical	Pass
3	4990.800	52.99	-3.77	74.0	21.01	Peak	329.00	150	Vertical	Pass
3**	4990.800	41.96	-3.77	54.0	12.04	AV	329.00	150	Vertical	Pass
4	5756.600	102.49	-3.51	--	--	Peak	61.00	100	Vertical	N/A
4**	5756.600	94.15	-3.51	--	--	AV	61.00	100	Vertical	N/A
5	7415.437	49.16	-1.96	74.0	24.84	Peak	173.00	200	Vertical	Pass
5**	7415.437	40.20	-1.96	54.0	13.80	AV	173.00	200	Vertical	Pass
6	12239.400	51.74	2.64	74.0	22.26	Peak	58.00	200	Vertical	Pass
6**	12239.400	42.50	2.64	54.0	11.50	AV	58.00	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	1331.500	39.34	-17.73	74.0	34.66	Peak	52.00	200	Horizontal	Pass
1**	1331.500	29.38	-17.73	54.0	24.62	AV	52.00	200	Horizontal	Pass
2	2490.700	45.97	-12.71	74.0	28.03	Peak	113.00	150	Horizontal	Pass
2**	2490.700	36.62	-12.71	54.0	17.38	AV	113.00	150	Horizontal	Pass
3	4277.400	48.56	-4.74	74.0	25.44	Peak	95.00	100	Horizontal	Pass
3**	4277.400	39.93	-4.74	54.0	14.07	AV	95.00	100	Horizontal	Pass
4	5792.400	98.85	-2.85	--	--	Peak	67.00	400	Horizontal	N/A
4**	5792.400	91.88	-2.85	--	--	AV	67.00	400	Horizontal	N/A
5	7423.200	48.97	-2.11	74.0	25.03	Peak	360.00	150	Horizontal	Pass
5**	7423.200	40.39	-2.11	54.0	13.61	AV	360.00	150	Horizontal	Pass
6	11631.337	52.91	2.35	74.0	21.09	Peak	349.00	400	Horizontal	Pass
6**	11631.337	42.32	2.35	54.0	11.68	AV	349.00	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	1333.000	42.02	-17.75	74.0	31.98	Peak	218.00	400	Vertical	Pass
1**	1333.000	30.82	-17.75	54.0	23.18	AV	218.00	400	Vertical	Pass
2	2489.300	47.25	-12.73	74.0	26.75	Peak	175.00	150	Vertical	Pass
2**	2489.300	38.45	-12.73	54.0	15.55	AV	175.00	150	Vertical	Pass
3	4223.600	49.22	-4.74	74.0	24.78	Peak	257.00	150	Vertical	Pass
3**	4223.600	38.83	-4.74	54.0	15.17	AV	257.00	150	Vertical	Pass
4	5792.800	102.15	-2.84	--	--	Peak	30.00	400	Vertical	N/A
4**	5792.800	95.10	-2.84	--	--	AV	30.00	400	Vertical	N/A
5	7434.988	48.95	-2.30	74.0	25.05	Peak	17.00	200	Vertical	Pass
5**	7434.988	40.71	-2.30	54.0	13.29	AV	17.00	200	Vertical	Pass
6	12247.162	51.75	2.66	74.0	22.25	Peak	307.00	400	Vertical	Pass
6**	12247.162	43.50	2.66	54.0	10.50	AV	307.00	400	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	1599.200	39.36	-17.73	74.0	34.64	Peak	219.00	150	Horizontal	Pass
1**	1599.200	30.92	-17.73	54.0	23.08	AV	219.00	150	Horizontal	Pass
2	2492.900	45.80	-12.71	74.0	28.20	Peak	120.00	150	Horizontal	Pass
2**	2492.900	34.81	-12.71	54.0	19.19	AV	120.00	150	Horizontal	Pass
3	4273.400	47.79	-4.75	74.0	26.21	Peak	222.00	150	Horizontal	Pass
3**	4273.400	38.39	-4.75	54.0	15.61	AV	222.00	150	Horizontal	Pass
4	5746.600	103.13	-3.59	--	--	Peak	80.00	100	Horizontal	N/A
4**	5746.600	94.55	-3.59	--	--	AV	80.00	100	Horizontal	N/A
5	7557.175	48.90	-1.66	74.0	25.10	Peak	309.00	100	Horizontal	Pass
5**	7557.175	40.14	-1.66	54.0	13.86	AV	309.00	100	Horizontal	Pass
6	12263.262	51.73	2.55	74.0	22.27	Peak	111.00	300	Horizontal	Pass
6**	12263.262	41.95	2.55	54.0	12.05	AV	111.00	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	1327.900	39.75	-17.65	74.0	34.25	Peak	146.00	300	Vertical	Pass
1**	1327.900	29.58	-17.65	54.0	24.42	AV	146.00	300	Vertical	Pass
2	2493.900	46.20	-12.65	74.0	27.80	Peak	162.00	150	Vertical	Pass
2**	2493.900	36.46	-12.65	54.0	17.54	AV	162.00	150	Vertical	Pass
3	4285.800	47.61	-4.72	74.0	26.39	Peak	94.00	200	Vertical	Pass
3**	4285.800	39.27	-4.72	54.0	14.73	AV	94.00	200	Vertical	Pass
4	5746.000	105.76	-3.58	--	--	Peak	52.00	200	Vertical	N/A
4**	5746.000	98.53	-3.58	--	--	AV	52.00	200	Vertical	N/A
5	7483.575	49.28	-1.89	74.0	24.72	Peak	360.00	150	Vertical	Pass
5**	7483.575	39.14	-1.89	54.0	14.86	AV	360.00	150	Vertical	Pass
6	11659.513	51.89	2.52	74.0	22.11	Peak	225.00	300	Vertical	Pass
6**	11659.513	43.25	2.52	54.0	10.75	AV	225.00	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	1357.900	38.25	-17.60	74.0	35.75	Peak	149.00	300	Horizontal	Pass
1**	1357.900	28.65	-17.60	54.0	25.35	AV	149.00	300	Horizontal	Pass
2	2488.100	46.60	-12.73	74.0	27.40	Peak	119.00	150	Horizontal	Pass
2**	2488.100	36.38	-12.73	54.0	17.62	AV	119.00	150	Horizontal	Pass
3	4293.600	48.07	-4.79	74.0	25.93	Peak	197.00	100	Horizontal	Pass
3**	4293.600	39.73	-4.79	54.0	14.27	AV	197.00	100	Horizontal	Pass
4	5782.200	102.60	-3.09	--	--	Peak	63.00	400	Horizontal	N/A
4**	5782.200	94.42	-3.09	--	--	AV	63.00	400	Horizontal	N/A
5	7399.912	48.81	-1.61	74.0	25.19	Peak	7.00	100	Horizontal	Pass
5**	7399.912	39.91	-1.61	54.0	14.09	AV	7.00	100	Horizontal	Pass
6	11650.600	52.12	2.55	74.0	21.88	Peak	223.00	300	Horizontal	Pass
6**	11650.600	42.97	2.55	54.0	11.03	AV	223.00	300	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	1332.800	40.14	-17.75	74.0	33.86	Peak	207.00	400	Vertical	Pass
1**	1332.800	31.68	-17.75	54.0	22.32	AV	207.00	400	Vertical	Pass
2	2489.900	46.09	-12.72	74.0	27.91	Peak	168.00	150	Vertical	Pass
2**	2489.900	38.49	-12.72	54.0	15.51	AV	168.00	150	Vertical	Pass
3	4083.000	47.94	-5.09	74.0	26.06	Peak	59.00	150	Vertical	Pass
3**	4083.000	38.90	-5.09	54.0	15.10	AV	59.00	150	Vertical	Pass
4	5785.800	106.07	-3.00	--	--	Peak	52.00	300	Vertical	N/A
4**	5785.800	98.25	-3.00	--	--	AV	52.00	300	Vertical	N/A
5	7525.263	49.60	-1.61	74.0	24.40	Peak	79.00	100	Vertical	Pass
5**	7525.263	39.52	-1.61	54.0	14.48	AV	79.00	100	Vertical	Pass
6	11665.838	51.90	2.49	74.0	22.10	Peak	79.00	300	Vertical	Pass
6**	11665.838	42.75	2.49	54.0	11.25	AV	79.00	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	1322.300	38.10	-17.55	74.0	35.90	Peak	246.00	100	Horizontal	Pass
1**	1322.300	28.95	-17.55	54.0	25.05	AV	246.00	100	Horizontal	Pass
2	2490.000	46.55	-12.72	74.0	27.45	Peak	118.00	150	Horizontal	Pass
2**	2490.000	38.58	-12.72	54.0	15.42	AV	118.00	150	Horizontal	Pass
3	4269.400	47.92	-4.83	74.0	26.08	Peak	322.00	150	Horizontal	Pass
3**	4269.400	39.60	-4.83	54.0	14.40	AV	322.00	150	Horizontal	Pass
4	5826.200	101.57	-2.74	--	--	Peak	68.00	400	Horizontal	N/A
4**	5826.200	94.55	-2.74	--	--	AV	68.00	400	Horizontal	N/A
5	7537.337	49.73	-1.70	74.0	24.27	Peak	111.00	100	Horizontal	Pass
5**	7537.337	40.15	-1.70	54.0	13.85	AV	111.00	100	Horizontal	Pass
6	11665.838	52.08	2.49	74.0	21.92	Peak	48.00	400	Horizontal	Pass
6**	11665.838	44.00	2.49	54.0	10.00	AV	48.00	400	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	1594.200	40.91	-17.81	74.0	33.09	Peak	96.00	150	Vertical	Pass
1**	1594.200	30.33	-17.81	54.0	23.67	AV	96.00	150	Vertical	Pass
2	2490.800	46.20	-12.71	74.0	27.80	Peak	159.00	150	Vertical	Pass
2**	2490.800	38.78	-12.71	54.0	15.22	AV	159.00	150	Vertical	Pass
3	4087.600	47.71	-4.97	74.0	26.29	Peak	11.00	100	Vertical	Pass
3**	4087.600	38.84	-4.97	54.0	15.16	AV	11.00	100	Vertical	Pass
4	5822.200	105.56	-2.76	--	--	Peak	24.00	100	Vertical	N/A
4**	5822.200	97.18	-2.76	--	--	AV	24.00	100	Vertical	N/A
5	7323.725	48.86	-2.78	74.0	25.14	Peak	90.00	100	Vertical	Pass
5**	7323.725	38.92	-2.78	54.0	15.08	AV	90.00	100	Vertical	Pass
6	11678.200	52.16	2.44	74.0	21.84	Peak	80.00	400	Vertical	Pass
6**	11678.200	43.02	2.44	54.0	10.98	AV	80.00	400	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	1330.000	38.84	-17.70	74.0	35.16	Peak	250.00	100	Horizontal	Pass
1**	1330.000	31.13	-17.70	54.0	22.87	AV	250.00	100	Horizontal	Pass
2	2490.000	45.67	-12.72	74.0	28.33	Peak	125.00	150	Horizontal	Pass
2**	2490.000	37.55	-12.72	54.0	16.45	AV	125.00	150	Horizontal	Pass
3	4291.200	47.83	-4.77	74.0	26.17	Peak	287.00	100	Horizontal	Pass
3**	4291.200	39.47	-4.77	54.0	14.53	AV	287.00	100	Horizontal	Pass
4	5757.800	100.29	-3.51	--	--	Peak	314.00	400	Horizontal	N/A
4**	5757.800	92.74	-3.51	--	--	AV	314.00	400	Horizontal	N/A
5	7550.275	48.94	-1.61	74.0	25.06	Peak	277.00	200	Horizontal	Pass
5**	7550.275	39.92	-1.61	54.0	14.08	AV	277.00	200	Horizontal	Pass
6	12223.013	51.82	2.61	74.0	22.18	Peak	59.00	100	Horizontal	Pass
6**	12223.013	42.94	2.61	54.0	11.06	AV	59.00	100	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	1329.800	44.06	-17.69	74.0	29.94	Peak	195.00	300	Vertical	Pass
1**	1329.800	32.87	-17.69	54.0	21.13	AV	195.00	300	Vertical	Pass
2	2495.400	46.43	-12.62	74.0	27.57	Peak	166.00	150	Vertical	Pass
2**	2495.400	36.71	-12.62	54.0	17.29	AV	166.00	150	Vertical	Pass
3	3979.600	47.83	-5.81	74.0	26.17	Peak	33.00	200	Vertical	Pass
3**	3979.600	36.94	-5.81	54.0	17.06	AV	33.00	200	Vertical	Pass
4	5752.400	102.77	-3.51	--	--	Peak	48.00	400	Vertical	N/A
4**	5752.400	95.50	-3.51	--	--	AV	48.00	400	Vertical	N/A
5	7544.525	48.76	-1.61	74.0	25.24	Peak	0.00	100	Vertical	Pass
5**	7544.525	39.97	-1.61	54.0	14.03	AV	0.00	100	Vertical	Pass
6	12347.500	51.68	2.05	74.0	22.32	Peak	183.00	400	Vertical	Pass
6**	12347.500	42.16	2.05	54.0	11.84	AV	183.00	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	1327.100	38.43	-17.65	74.0	35.57	Peak	315.00	300	Horizontal	Pass
1**	1327.100	30.16	-17.65	54.0	23.84	AV	315.00	300	Horizontal	Pass
2	2816.500	43.44	-10.66	74.0	30.56	Peak	0.00	300	Horizontal	Pass
2**	2816.500	34.72	-10.66	54.0	19.28	AV	0.00	300	Horizontal	Pass
3	4273.800	48.38	-4.76	74.0	25.62	Peak	257.00	150	Horizontal	Pass
3**	4273.800	39.11	-4.76	54.0	14.89	AV	257.00	150	Horizontal	Pass
4	5797.800	99.71	-2.71	--	--	Peak	349.00	200	Horizontal	N/A
4**	5797.800	92.13	-2.71	--	--	AV	349.00	200	Horizontal	N/A
5	7545.962	49.10	-1.58	74.0	24.90	Peak	69.00	200	Horizontal	Pass
5**	7545.962	39.69	-1.58	54.0	14.31	AV	69.00	200	Horizontal	Pass
6	12213.526	51.55	2.58	74.0	22.45	Peak	306.00	400	Horizontal	Pass
6**	12213.526	42.71	2.58	54.0	11.29	AV	306.00	400	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	1328.700	38.85	-17.66	74.0	35.15	Peak	332.00	300	Vertical	Pass
1**	1328.700	35.45	-17.66	54.0	18.55	AV	332.00	300	Vertical	Pass
2	2495.700	45.90	-12.63	74.0	28.10	Peak	173.00	150	Vertical	Pass
2**	2495.700	36.39	-12.63	54.0	17.61	AV	173.00	150	Vertical	Pass
3	4277.600	48.60	-4.74	74.0	25.40	Peak	360.00	100	Vertical	Pass
3**	4277.600	39.54	-4.74	54.0	14.46	AV	360.00	100	Vertical	Pass
4	5792.400	102.47	-2.85	--	--	Peak	33.00	100	Vertical	N/A
4**	5792.400	94.10	-2.85	--	--	AV	33.00	100	Vertical	N/A
5	7371.737	49.33	-1.81	74.0	24.67	Peak	28.00	200	Vertical	Pass
5**	7371.737	39.95	-1.81	54.0	14.05	AV	28.00	200	Vertical	Pass
6	11739.437	52.00	1.70	74.0	22.00	Peak	331.00	400	Vertical	Pass
6**	11739.437	41.70	1.70	54.0	12.30	AV	331.00	400	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	1368.600	38.67	-17.57	74.0	35.33	Peak	325.00	300	Horizontal	Pass
1**	1368.600	28.74	-17.57	54.0	25.26	AV	325.00	300	Horizontal	Pass
2	2848.900	43.31	-10.75	74.0	30.69	Peak	359.00	300	Horizontal	Pass
2**	2848.900	33.82	-10.75	54.0	20.18	AV	359.00	300	Horizontal	Pass
3	4292.000	48.30	-4.76	74.0	25.70	Peak	208.00	150	Horizontal	Pass
3**	4292.000	38.83	-4.76	54.0	15.17	AV	208.00	150	Horizontal	Pass
4	5771.200	97.88	-3.26	--	--	Peak	87.00	300	Horizontal	N/A
4**	5771.200	91.19	-3.26	--	--	AV	87.00	300	Horizontal	N/A
5	7391.288	49.15	-1.73	74.0	24.85	Peak	17.00	150	Horizontal	Pass
5**	7391.288	40.37	-1.73	54.0	13.63	AV	17.00	150	Horizontal	Pass
6	11662.963	51.93	2.50	74.0	22.07	Peak	248.00	400	Horizontal	Pass
6**	11662.963	42.72	2.50	54.0	11.28	AV	248.00	400	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	1331.000	39.59	-17.72	74.0	34.41	Peak	231.00	200	Vertical	Pass
1**	1331.000	29.35	-17.72	54.0	24.65	AV	231.00	200	Vertical	Pass
2	2496.100	46.87	-12.65	74.0	27.13	Peak	173.00	150	Vertical	Pass
2**	2496.100	36.80	-12.65	54.0	17.20	AV	173.00	150	Vertical	Pass
3	4284.800	47.99	-4.69	74.0	26.01	Peak	23.00	100	Vertical	Pass
3**	4284.800	38.87	-4.69	54.0	15.13	AV	23.00	100	Vertical	Pass
4	5765.200	101.31	-3.39	--	--	Peak	44.00	400	Vertical	N/A
4**	5765.200	91.50	-3.39	--	--	AV	44.00	400	Vertical	N/A
5	7540.500	48.49	-1.66	74.0	25.51	Peak	319.00	100	Vertical	Pass
5**	7540.500	39.95	-1.66	54.0	14.05	AV	319.00	100	Vertical	Pass
6	12244.000	52.60	2.65	74.0	21.40	Peak	91.00	100	Vertical	Pass
6**	12244.000	43.36	2.65	54.0	10.64	AV	91.00	100	Vertical	Pass

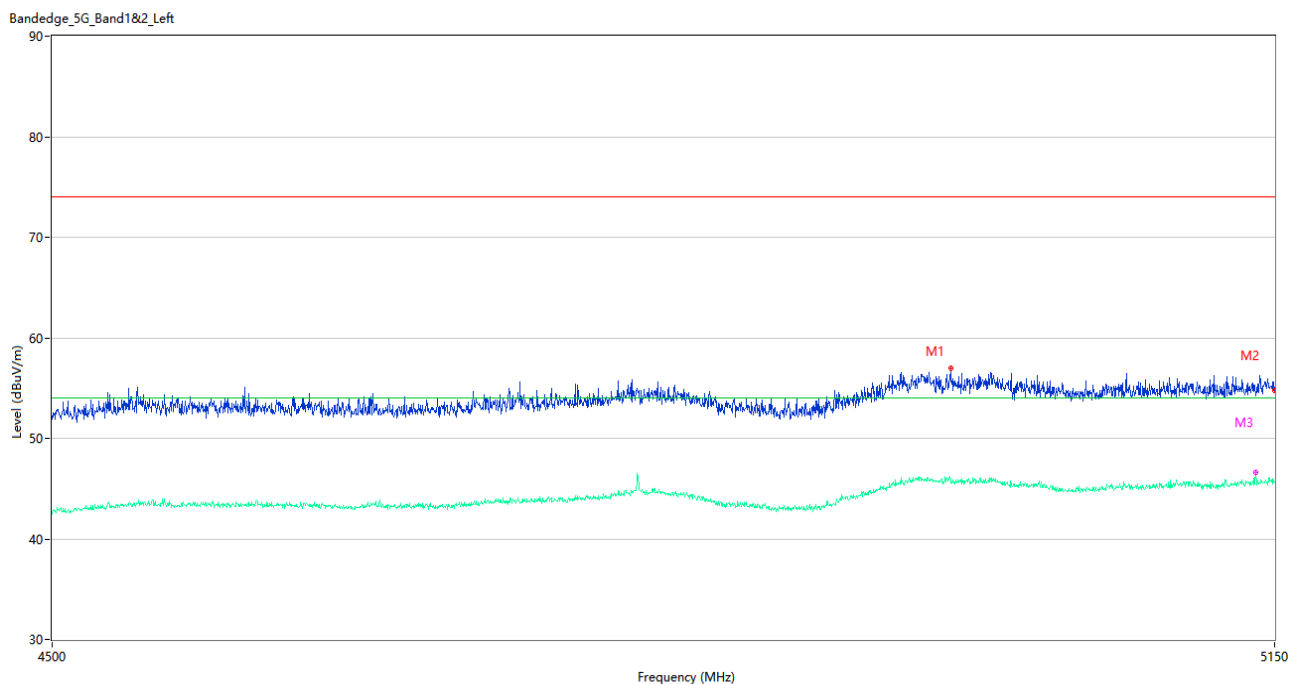
A.6.2 Band Edge (Restricted-band)

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

Test Data and Plots

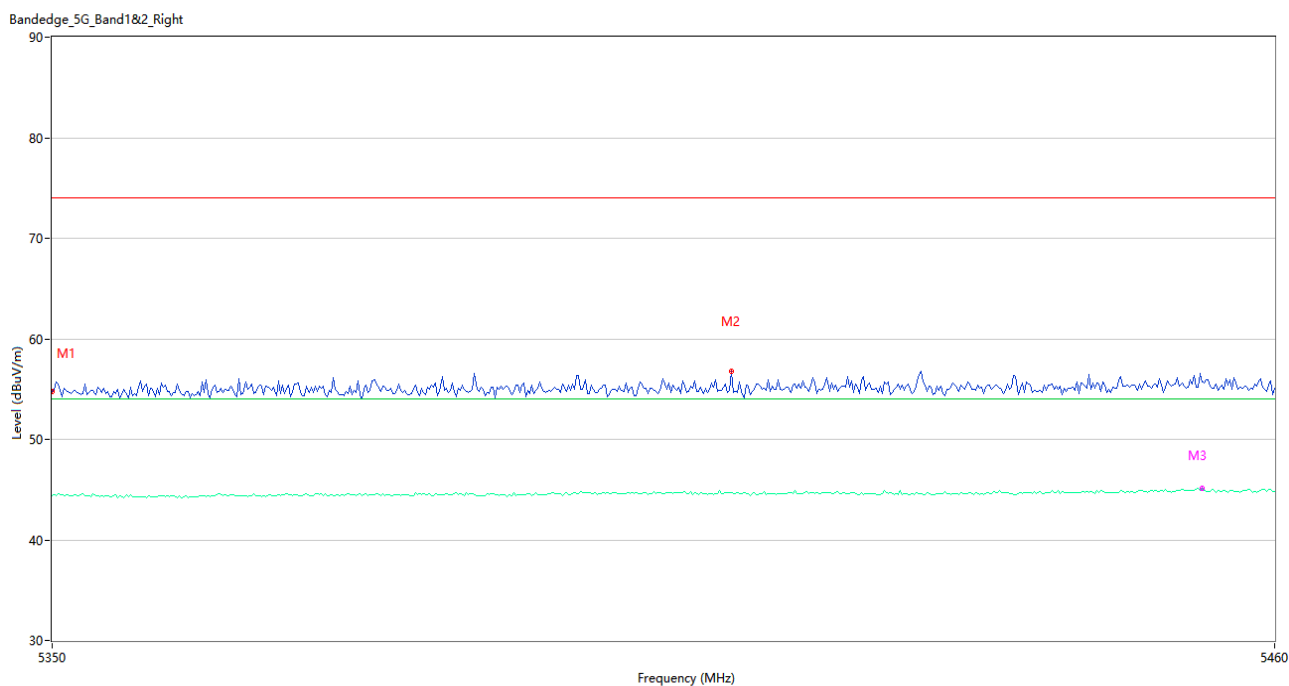
Main Antenna

U-NII-1 11a Low Channel



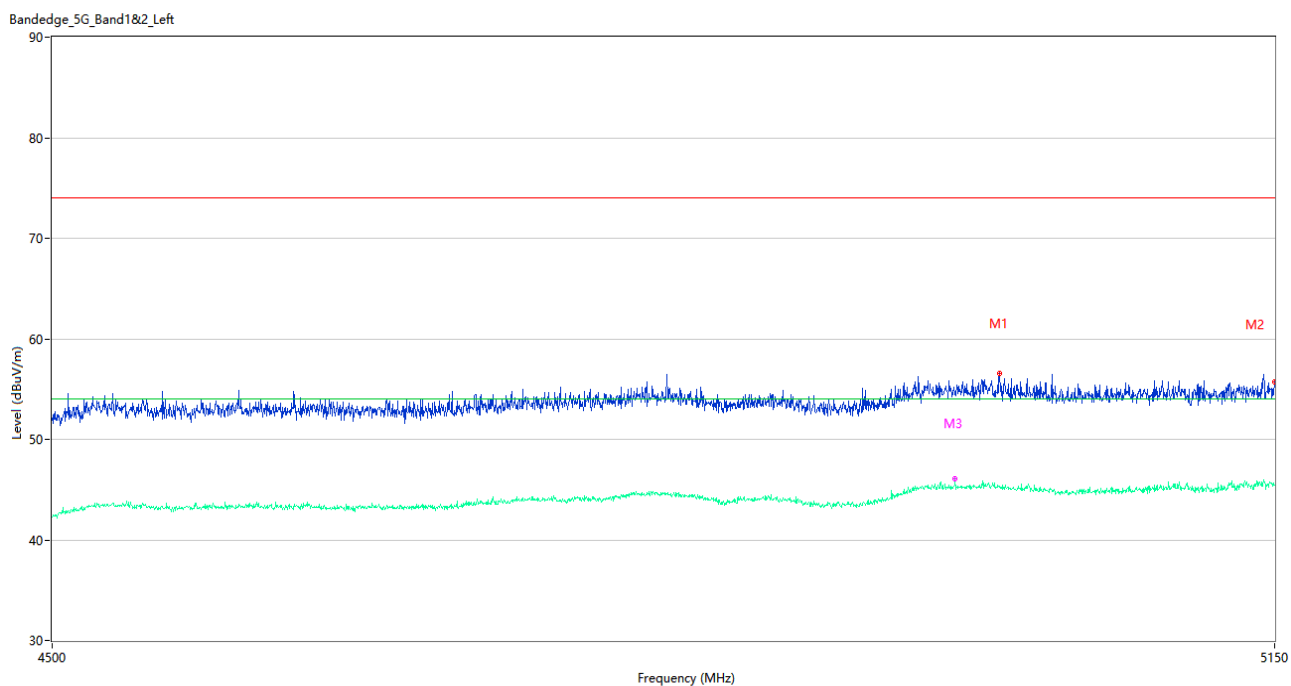
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4968.975	57.03	2.01	74.0	16.97	Peak	306.00	150	Vertical	Pass
1**	4968.975	45.87	2.01	54.0	8.13	AV	306.00	150	Vertical	Pass
2	5150.000	54.74	0.84	74.0	19.26	Peak	310.00	200	Vertical	Pass
2**	5150.000	45.62	0.84	54.0	8.38	AV	310.00	200	Vertical	Pass
3	5139.275	54.22	0.85	74.0	19.78	Peak	0.00	400	Vertical	Pass
3**	5139.275	46.57	0.85	54.0	7.43	AV	0.00	400	Vertical	Pass

U-NII-1 11a High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.73	0.85	74.0	19.27	Peak	245.00	100	Vertical	Pass
1**	5350.000	44.44	0.85	54.0	9.56	AV	245.00	100	Vertical	Pass
2	5410.867	56.75	1.25	74.0	17.25	Peak	347.00	200	Vertical	Pass
2**	5410.867	44.76	1.25	54.0	9.24	AV	347.00	200	Vertical	Pass
3	5453.400	55.67	1.26	74.0	18.33	Peak	0.00	150	Vertical	Pass
3**	5453.400	45.11	1.26	54.0	8.89	AV	0.00	150	Vertical	Pass

U-NII-1 11n20 Low Channel



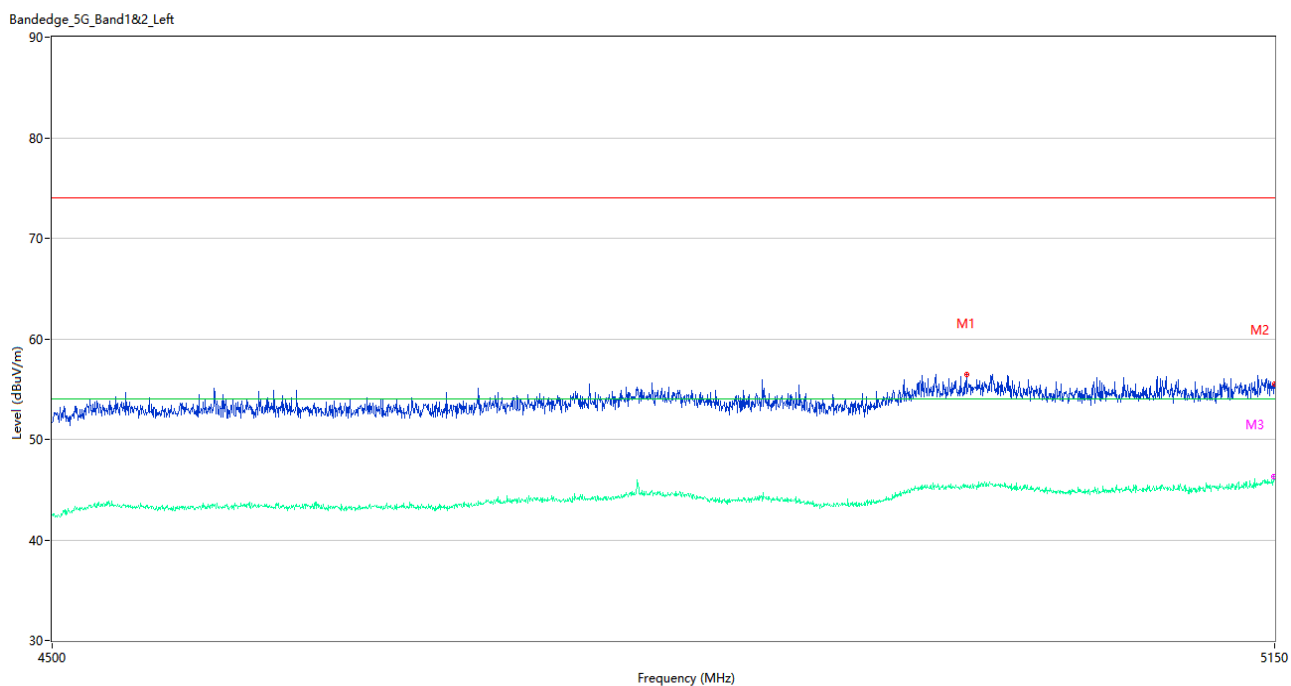
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4995.950	56.55	1.83	74.0	17.45	Peak	263.00	150	Vertical	Pass
1**	4995.950	45.30	1.83	54.0	8.70	AV	263.00	150	Vertical	Pass
2	5150.000	55.74	0.84	74.0	18.26	Peak	100.00	300	Vertical	Pass
2**	5150.000	45.44	0.84	54.0	8.56	AV	100.00	300	Vertical	Pass
3	4971.575	54.69	1.98	74.0	19.31	Peak	360.00	300	Vertical	Pass
3**	4971.575	46.05	1.98	54.0	7.95	AV	360.00	300	Vertical	Pass

U-NII-1 11n20 High Channel



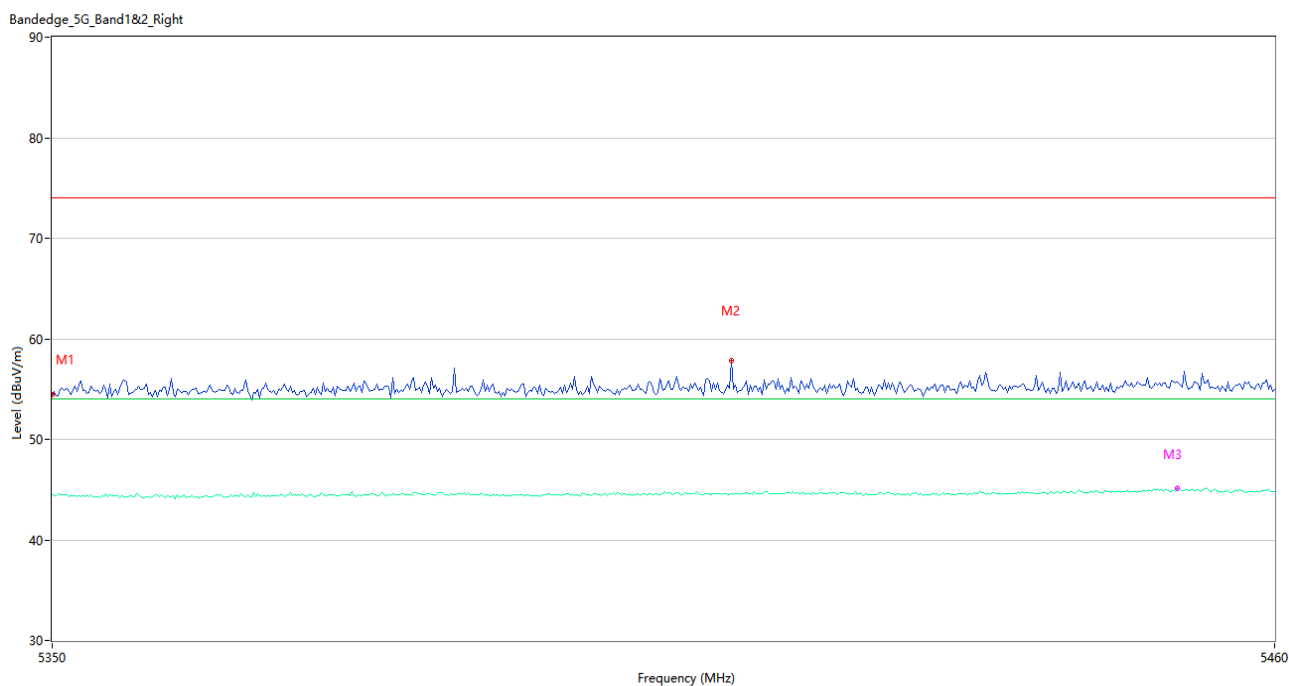
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.80	0.85	74.0	19.20	Peak	283.00	200	Vertical	Pass
1**	5350.000	44.37	0.85	54.0	9.63	AV	283.00	200	Vertical	Pass
2	5457.983	57.39	1.20	74.0	16.61	Peak	12.00	100	Vertical	Pass
2**	5457.983	44.79	1.20	54.0	9.21	AV	12.00	100	Vertical	Pass
3	5452.116	55.65	1.28	74.0	18.35	Peak	0.00	150	Vertical	Pass
3**	5452.116	45.06	1.28	54.0	8.94	AV	0.00	150	Vertical	Pass

U-NII-1 11n40 Low Channel



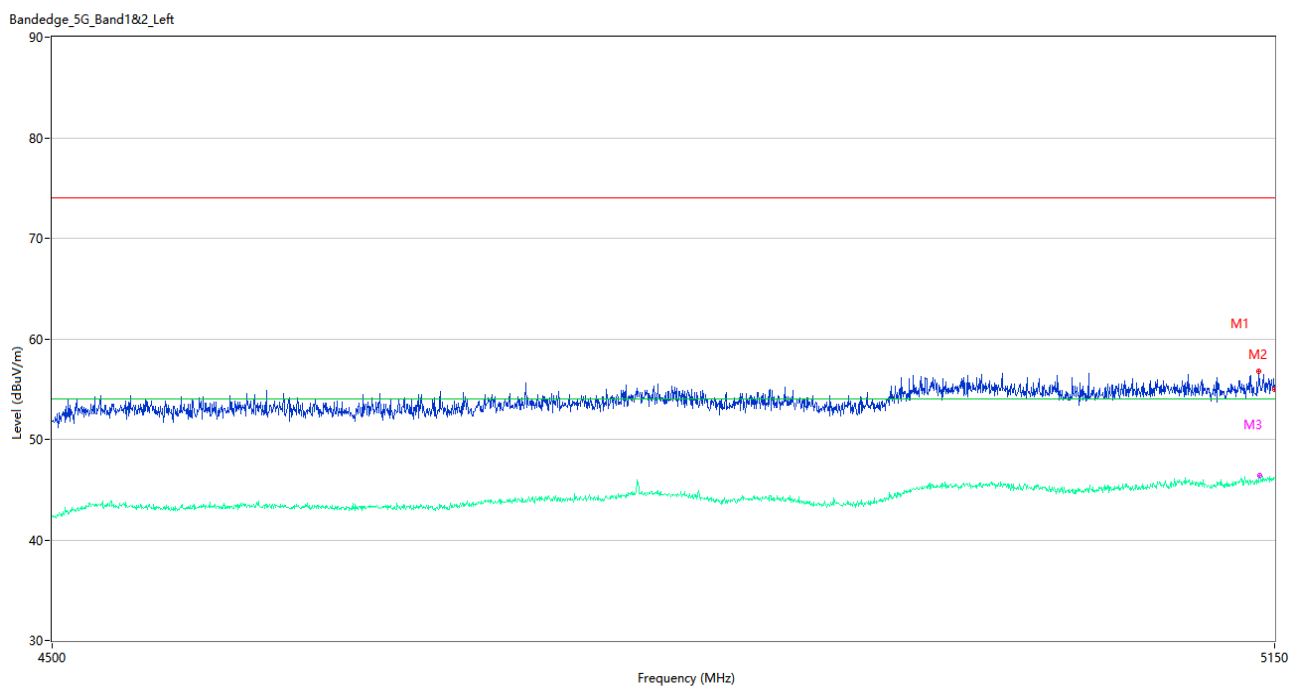
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4977.750	56.50	1.88	74.0	17.50	Peak	321.00	150	Vertical	Pass
1**	4977.750	45.19	1.88	54.0	8.81	AV	321.00	150	Vertical	Pass
2	5150.000	55.49	0.84	74.0	18.51	Peak	112.00	400	Vertical	Pass
2**	5150.000	46.01	0.84	54.0	7.99	AV	112.00	400	Vertical	Pass
3	5149.675	54.60	0.84	74.0	19.40	Peak	236.00	150	Vertical	Pass
3**	5149.675	46.25	0.84	54.0	7.75	AV	236.00	150	Vertical	Pass

U-NII-1 11n40 High Channel



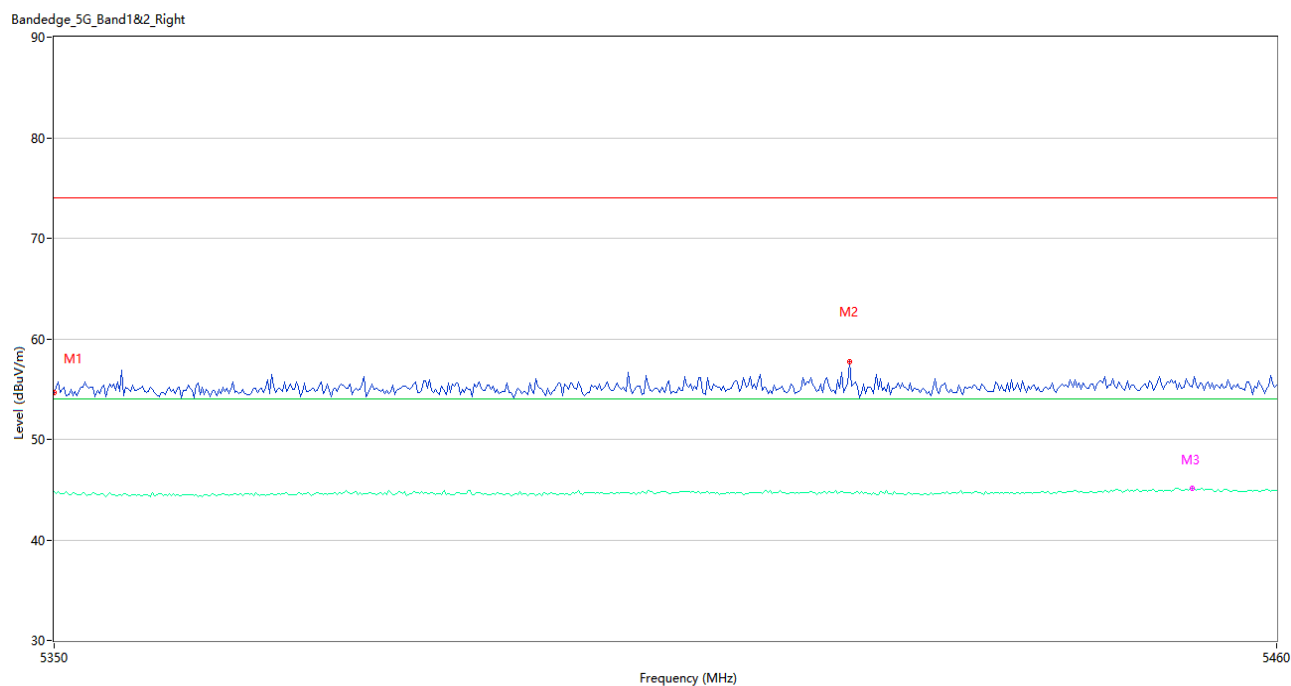
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.45	0.85	74.0	19.55	Peak	85.00	300	Vertical	Pass
1**	5350.000	44.49	0.85	54.0	9.51	AV	85.00	300	Vertical	Pass
2	5410.867	57.80	1.25	74.0	16.20	Peak	83.00	100	Vertical	Pass
2**	5410.867	44.64	1.25	54.0	9.36	AV	83.00	100	Vertical	Pass
3	5451.200	55.73	1.26	74.0	18.27	Peak	360.00	100	Vertical	Pass
3**	5451.200	45.18	1.26	54.0	8.82	AV	360.00	100	Vertical	Pass

U-NII-1 11ac20 Low Channel



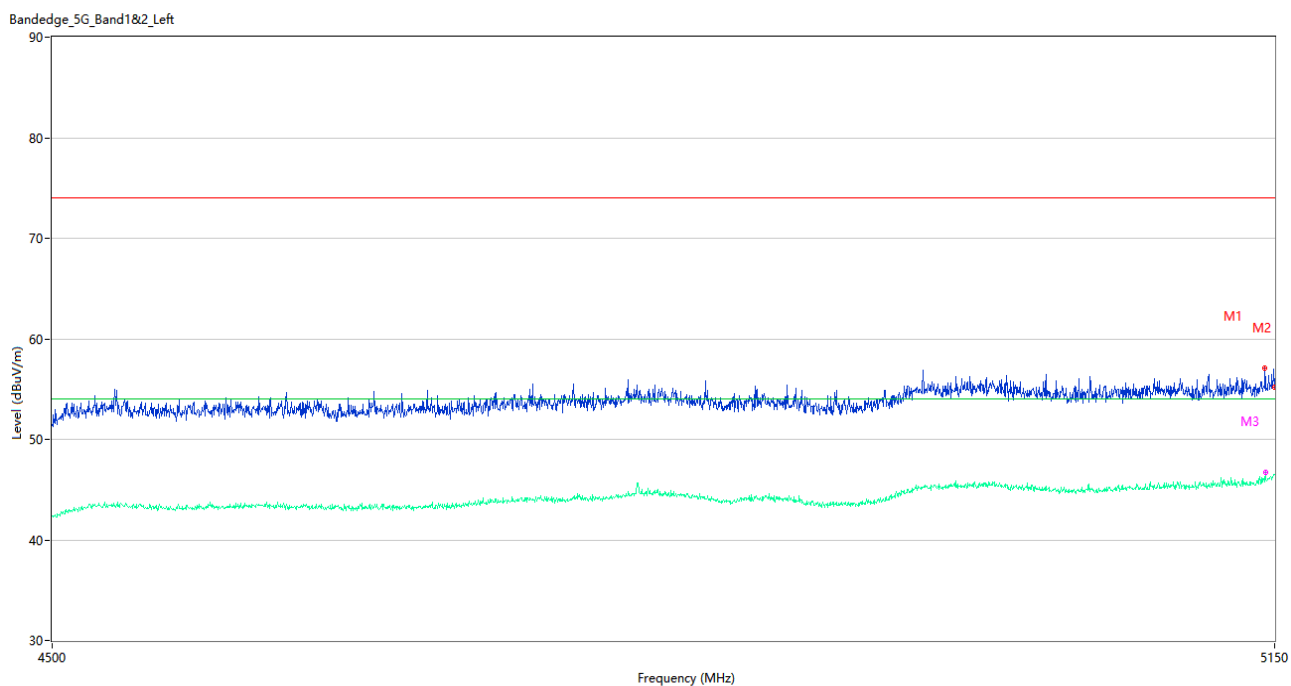
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.225	56.75	0.93	74.0	17.25	Peak	360.00	200	Vertical	Pass
1**	5141.225	46.19	0.93	54.0	7.81	AV	360.00	200	Vertical	Pass
2	5150.000	54.99	0.84	74.0	19.01	Peak	135.00	150	Vertical	Pass
2**	5150.000	46.18	0.84	54.0	7.82	AV	135.00	150	Vertical	Pass
3	5141.550	55.38	0.93	74.0	18.62	Peak	205.00	300	Vertical	Pass
3**	5141.550	46.38	0.93	54.0	7.62	AV	205.00	300	Vertical	Pass

U-NII-1 11ac20 High Channel



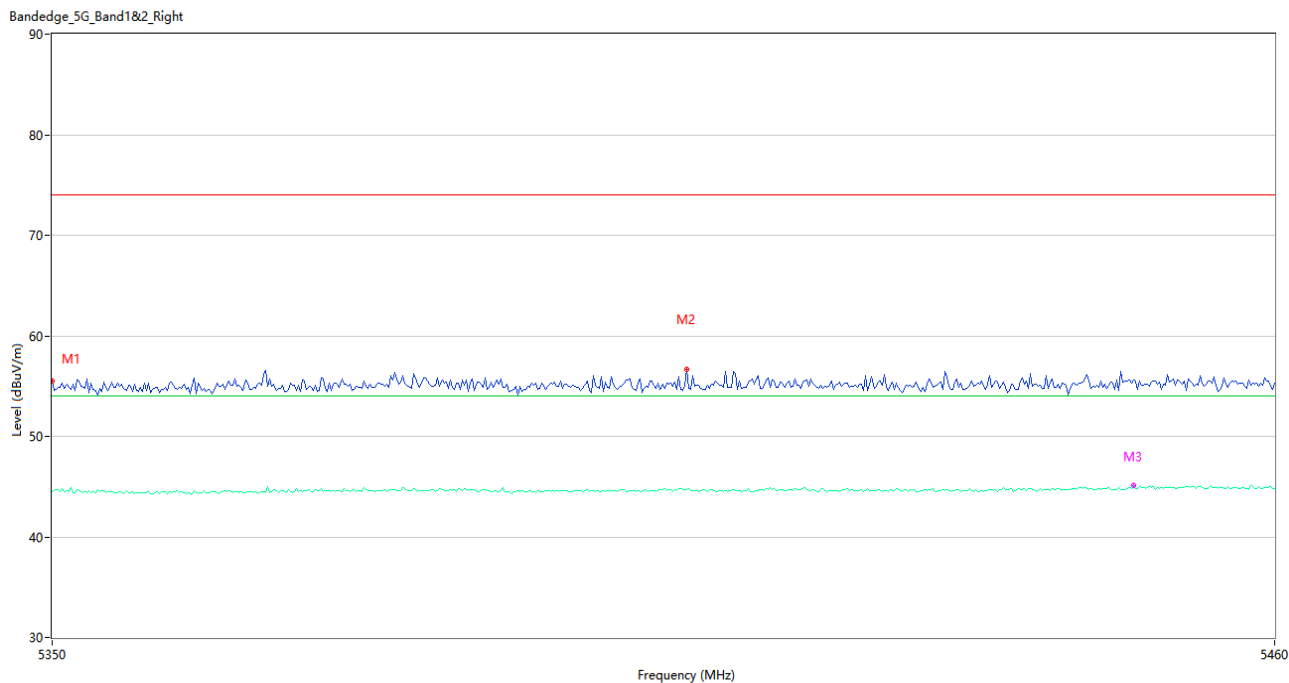
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.65	0.85	74.0	19.35	Peak	232.00	150	Vertical	Pass
1**	5350.000	44.82	0.85	54.0	9.18	AV	232.00	150	Vertical	Pass
2	5421.317	57.69	1.25	74.0	16.31	Peak	166.00	200	Vertical	Pass
2**	5421.317	44.66	1.25	54.0	9.34	AV	166.00	200	Vertical	Pass
3	5452.300	55.19	1.29	74.0	18.81	Peak	307.00	150	Vertical	Pass
3**	5452.300	45.16	1.29	54.0	8.84	AV	307.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel



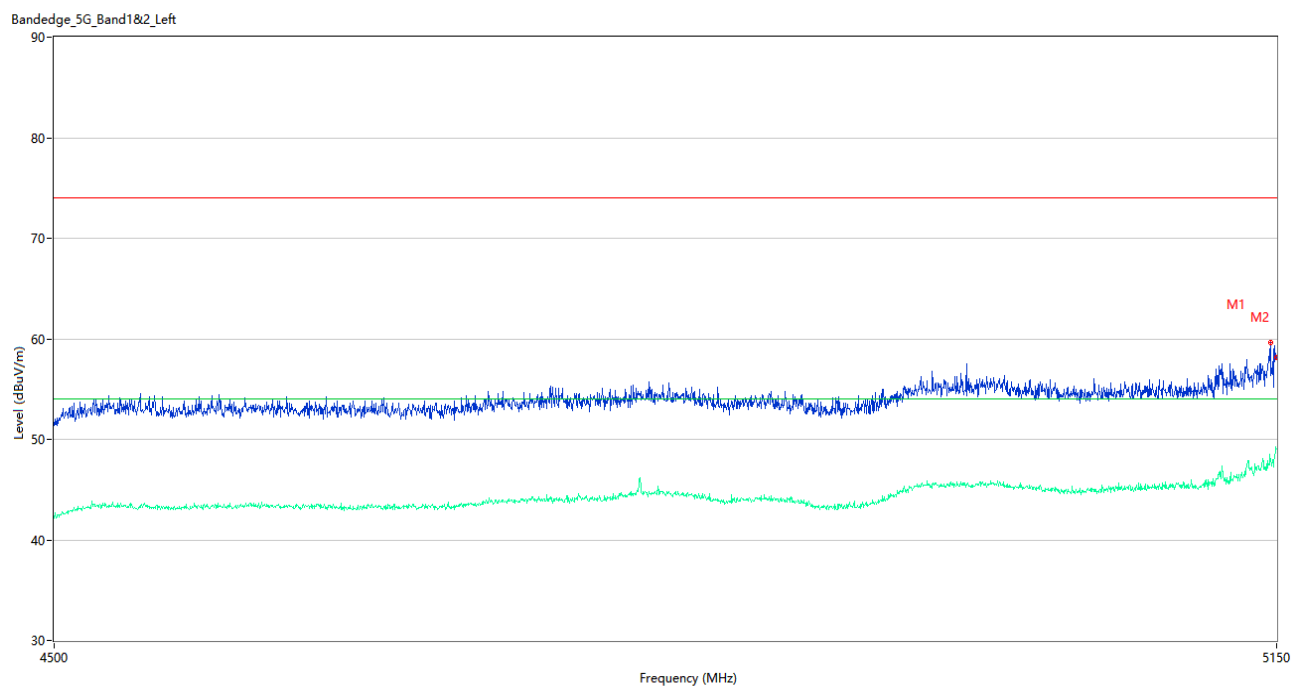
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5144.475	57.05	0.93	74.0	16.95	Peak	28.00	100	Vertical	Pass
1**	5144.475	45.98	0.93	54.0	8.02	AV	28.00	100	Vertical	Pass
2	5150.000	55.15	0.84	74.0	18.85	Peak	173.00	300	Vertical	Pass
2**	5150.000	46.53	0.84	54.0	7.47	AV	173.00	300	Vertical	Pass
3	5144.800	55.62	0.93	74.0	18.38	Peak	345.00	150	Vertical	Pass
3**	5144.800	46.72	0.93	54.0	7.28	AV	345.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel



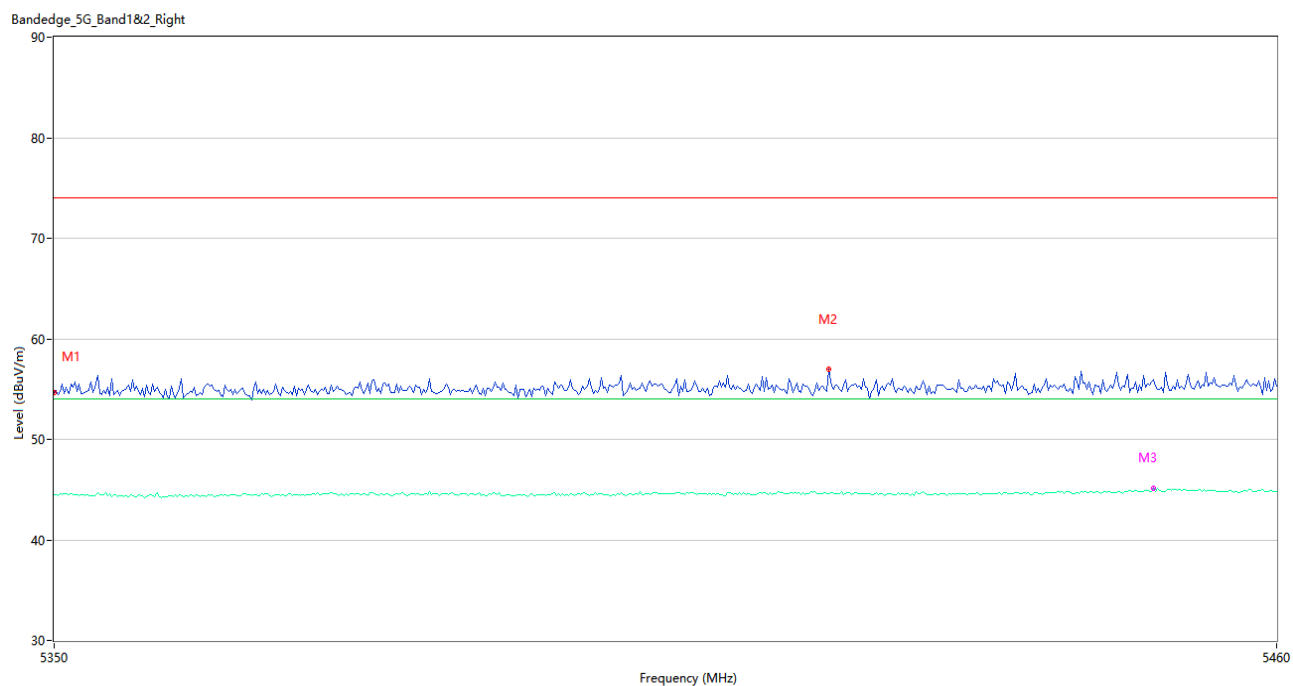
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.45	0.85	74.0	18.55	Peak	187.00	200	Vertical	Pass
1**	5350.000	44.53	0.85	54.0	9.47	AV	187.00	200	Vertical	Pass
2	5406.834	56.62	1.21	74.0	17.38	Peak	97.00	150	Vertical	Pass
2**	5406.834	44.67	1.21	54.0	9.33	AV	97.00	150	Vertical	Pass
3	5447.166	55.58	1.25	74.0	18.42	Peak	295.00	200	Vertical	Pass
3**	5447.166	45.11	1.25	54.0	8.89	AV	295.00	200	Vertical	Pass

U-NII-1 11ac80 Middle Channel



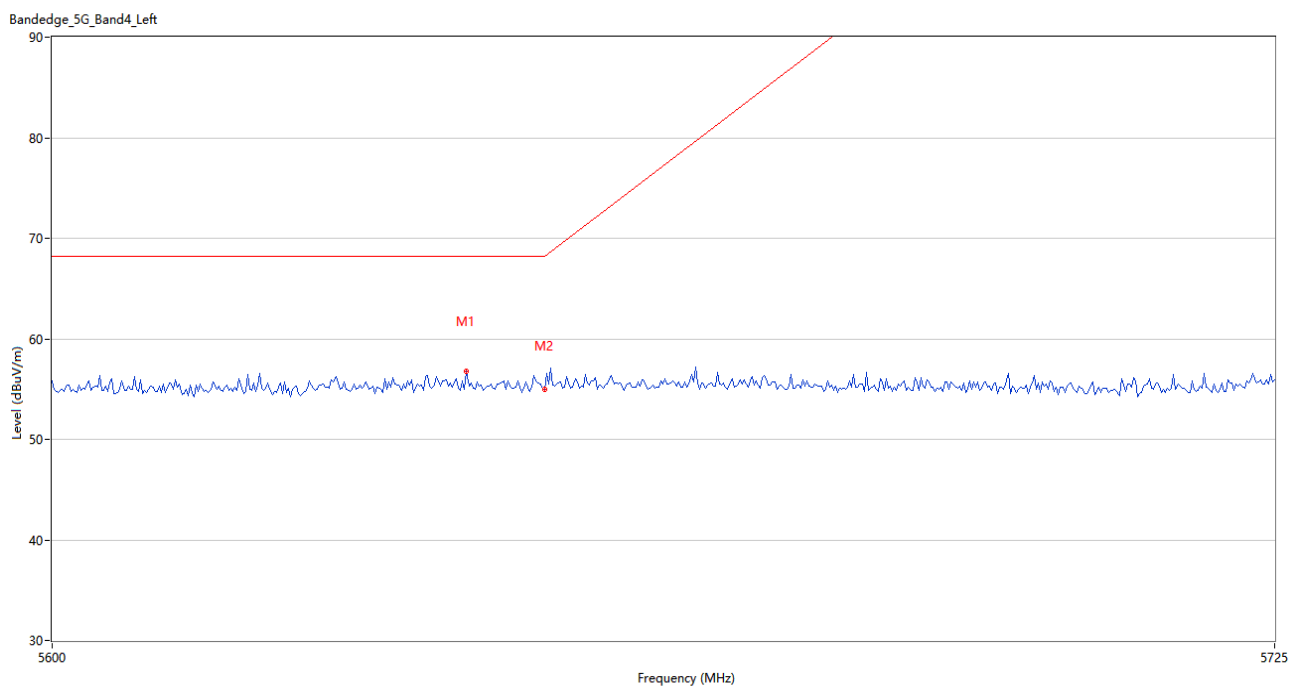
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.425	59.59	0.93	74.0	14.41	Peak	217.00	150	Vertical	Pass
1**	5146.425	47.74	0.93	54.0	6.26	AV	217.00	150	Vertical	Pass
2	5150.000	58.20	0.84	74.0	15.80	Peak	215.00	150	Vertical	Pass
2**	5150.000	49.48	0.84	54.0	4.52	AV	215.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel



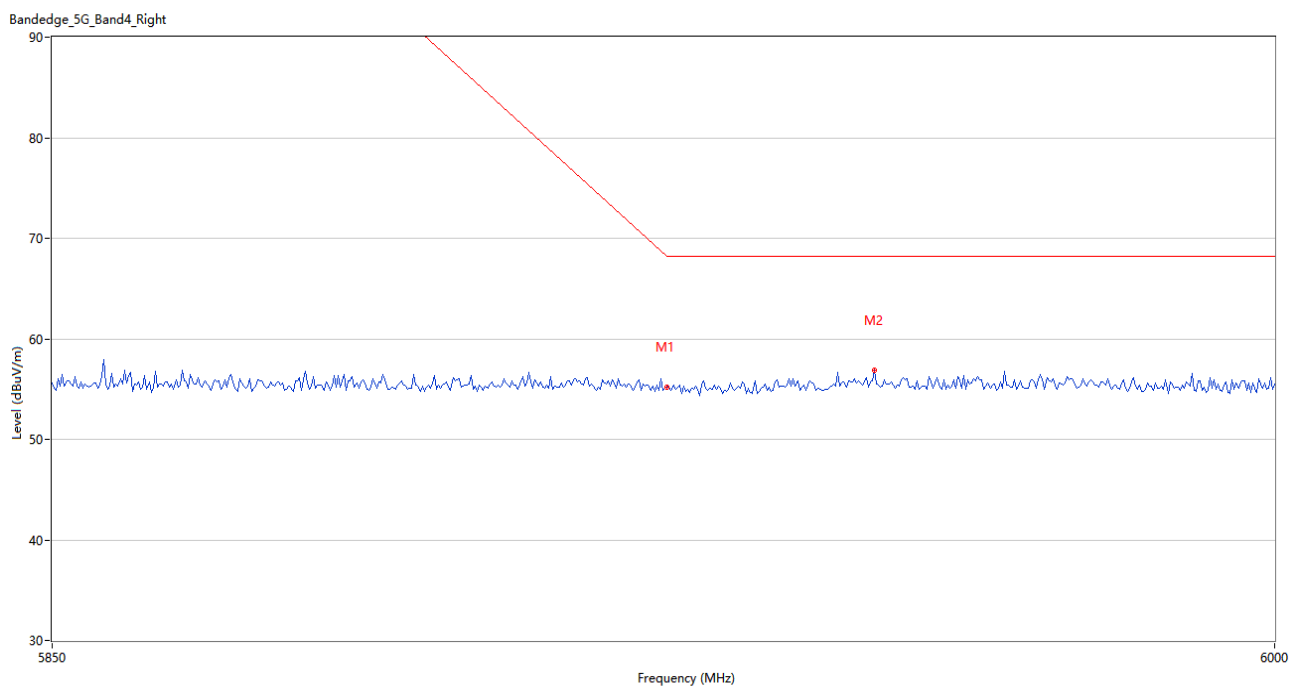
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	54.70	0.85	74.0	19.30	Peak	327.00	300	Vertical	Pass
1**	5350.000	44.50	0.85	54.0	9.50	AV	327.00	300	Vertical	Pass
2	5419.484	57.00	1.26	74.0	17.00	Peak	162.00	100	Vertical	Pass
2**	5419.484	44.62	1.26	54.0	9.38	AV	162.00	100	Vertical	Pass
3	5448.817	55.95	1.26	74.0	18.05	Peak	254.00	150	Vertical	Pass
3**	5448.817	45.15	1.26	54.0	8.85	AV	254.00	150	Vertical	Pass

U-NII-3 11a Low Channel



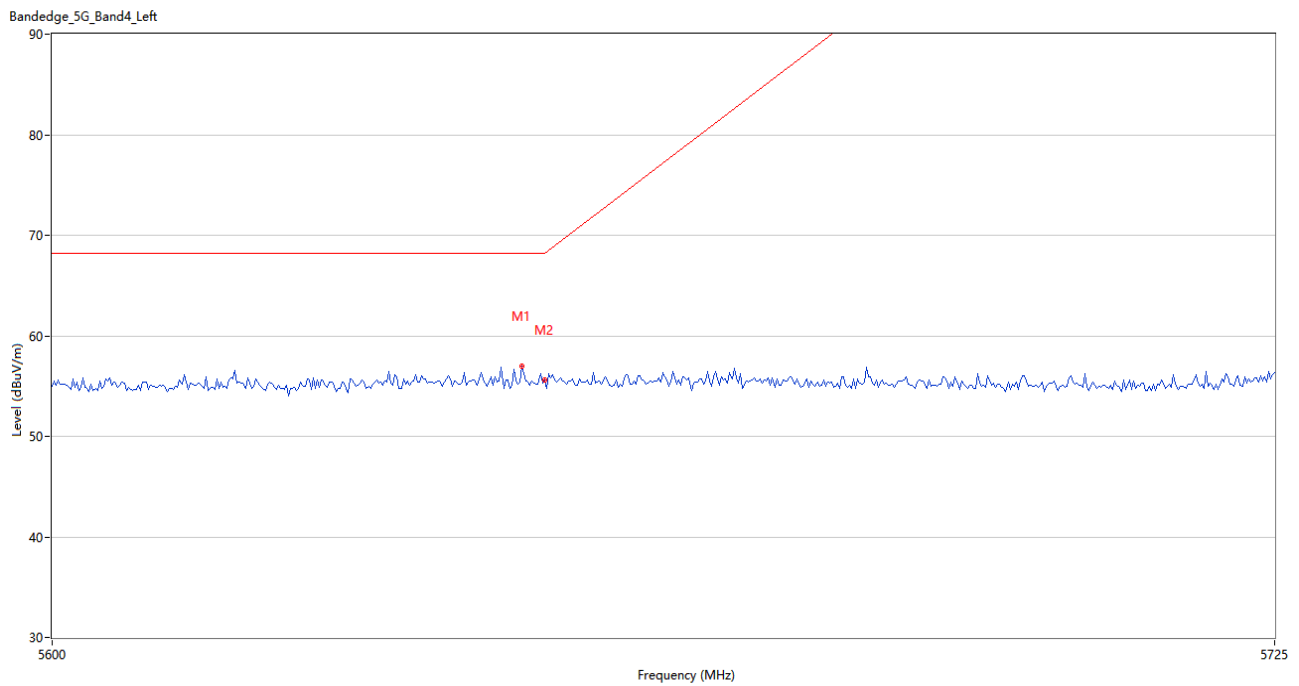
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.083	56.80	0.91	68.2	11.40	Peak	129.00	100	Vertical	Pass
2	5650.000	54.94	0.79	68.2	13.26	Peak	197.00	150	Vertical	Pass

U-NII-3 11a High Channel



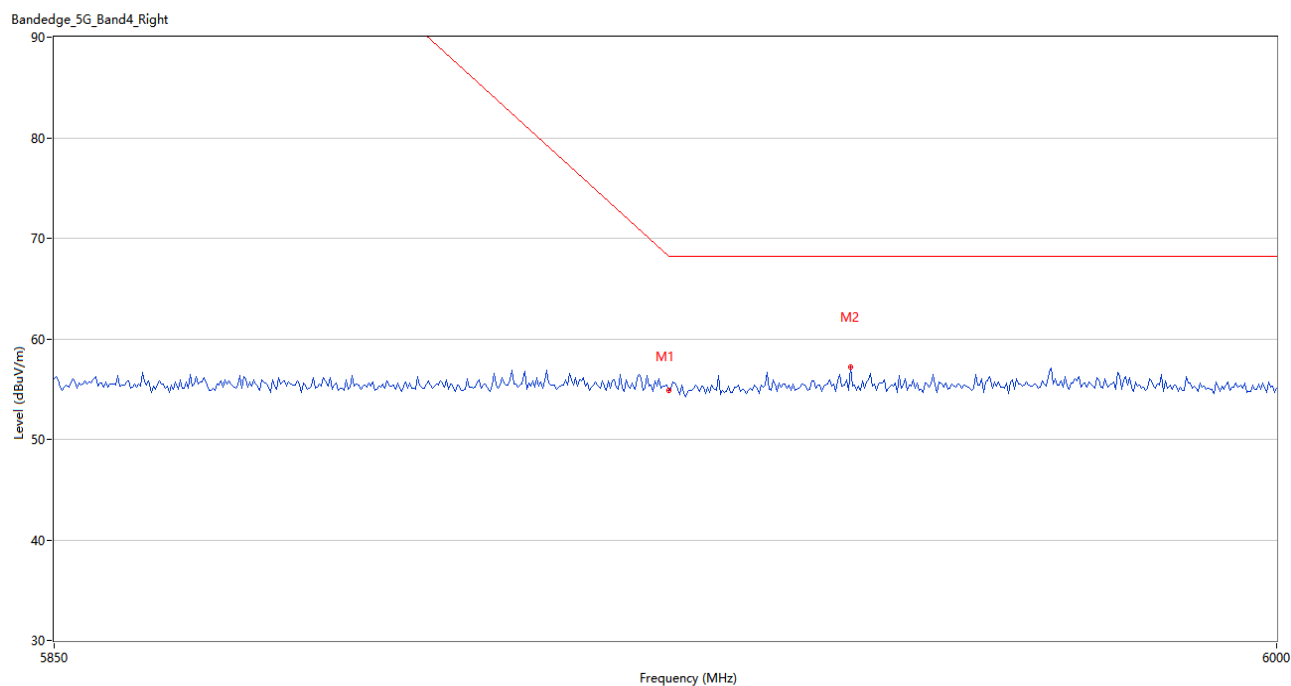
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	55.24	1.08	68.2	12.96	Peak	153.00	100	Vertical	Pass
2	5950.500	56.87	1.02	68.2	11.33	Peak	335.00	100	Vertical	Pass

U-NII-3 11n20 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5647.709	57.00	0.79	68.2	11.20	Peak	22.00	150	Vertical	Pass
2	5650.000	55.56	0.79	68.2	12.64	Peak	349.00	150	Vertical	Pass

U-NII-3 11n20 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	54.90	1.08	68.2	13.30	Peak	237.00	200	Vertical	Pass
2	5947.250	57.17	1.03	68.2	11.03	Peak	196.00	150	Vertical	Pass