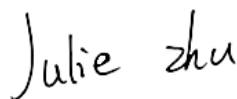


TEST REPORT

Applicant: TENG INTERNACIONAL TRADING LIMITED
Address: 4f 299 QRC NOS 287 299 QUEENS RD CENTRAL,
HONG KONG
Equipment Type: Pos Terminal
Model Name: K8 (refer to section 2.3)
Brand Name: TENG INTERNACIONAL
FCC ID: 2BTGQ-K8
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Mar. 05, 2026
Test Date: Mar. 18, 2026
Date of Issue: May 08, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu**Checked by:** Li Ganming**Approved by:** Tolan Tu

(Testing Director)



Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>May 08, 2026</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1	GENERAL INFORMATION.....	4
1.1	Test Laboratory	4
1.2	Test Location	4
2	PRODUCT INFORMATION	5
2.1	Applicant Information	5
2.2	Manufacturer Information.....	5
2.3	General Description for Equipment under Test (EUT).....	5
2.4	Technical Information	6
2.5	Channel List	7
3	SUMMARY OF TEST RESULTS	10
3.1	Test Standards	10
3.2	Test Verdict	10
4	GENERAL TEST CONFIGURATIONS	11
4.1	Test Environments.....	11
4.2	Test Equipment List.....	11
4.3	Test Software List.....	11
4.4	Measurement Uncertainty	12
4.5	Description of Test Setup	12
5	TEST ITEMS	15
5.1	RF Output Power	15
5.2	Emission Bandwidth and 6 dB Bandwidth.....	17
5.3	Power Spectral density (PSD)	18
5.4	Conducted Emission.....	19
5.5	Radiated Spurious Emissions and Band Edge (Restricted-band).....	20

ANNEX A	TEST RESULT	24
A.1	RF Output Power	24
A.2	Emission Bandwidth & 99% Bandwidth	27
A.3	6 dB Bandwidth	29
A.4	Power Spectral Density	30
A.5	Conducted Emissions	32
A.6	Radiated Spurious Emissions and Band Edge (Restricted-band).....	34
ANNEX B	TEST SETUP PHOTOS	116
ANNEX C	EUT EXTERNAL PHOTOS.....	116
ANNEX D	EUT INTERNAL PHOTOS.....	116

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☒ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
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	TENG INTERNACIONAL TRADING LIMITED
Address	4f 299 QRC NOS 287 299 QUEENS RD CENTRAL, HONG KONG

2.2 Manufacturer Information

Manufacturer	TENG INTERNACIONAL TRADING LIMITED
Address	4f 299 QRC NOS 287 299 QUEENS RD CENTRAL, HONG KONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	Pos Terminal
Model Name Under Test	K8
Series Model Name	K8s
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only differ in magnetic head function and thickness. (this information provided by the applicant)
Hardware Version	V3
Software Version	SP7997A_V022_20251112_debug
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA Band 2/5 4G Network LTE FDD Band 5/7 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac NFC
-----------------------------------	--

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
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: 23.33 mW U-NII-2A: 21.78 mW U-NII-2C: 23.93 mW U-NII-3: 21.68 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -1.76 dBi U-NII-2A: 5250 MHz to 5350 MHz: -1.69 dBi U-NII-2C: 5470 MHz to 5725 MHz: -1.54 dBi U-NII-3: 5725 MHz to 5850 MHz: -1.17 dBi
About the Product	The equipment is Pos Terminal, intended for used with information technology equipment.

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

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	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

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

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

Note ²: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

Note ³: Compared with the EUT of test report BL-SZ25B1341-604, the EUT of this report shows different things as below:

1. Add magnetic head function.
2. The top dimension has been reduced from a thickness of 61.4mm to 52.5mm.
3. Add model name: K8s.

Other hardware circuit and software are the same as EUT referred to in test report BL-SZ25B1341-604. Therefore, in addition to the above differences, just Radiated Spurious Emissions (U-NII-1 802.11n40 CH38) & Band Edge (Restricted-band) (U-NII-2A 802.11ac80 CH58) were retested in this report, others test data and EUT information are derived from the report BL-SZ25B1341-604 published by Shenzhen BALUN Technology Co., Ltd. on Jan. 26, 2026.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	61%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+23.7℃
Working Voltage of the EUT	NV (Normal Voltage)	3.6 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSV40	101544	2025.10.30	2026.10.29
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	107	2024.05.12	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.04.16	2026.04.15
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A

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°C
Humidity	4%

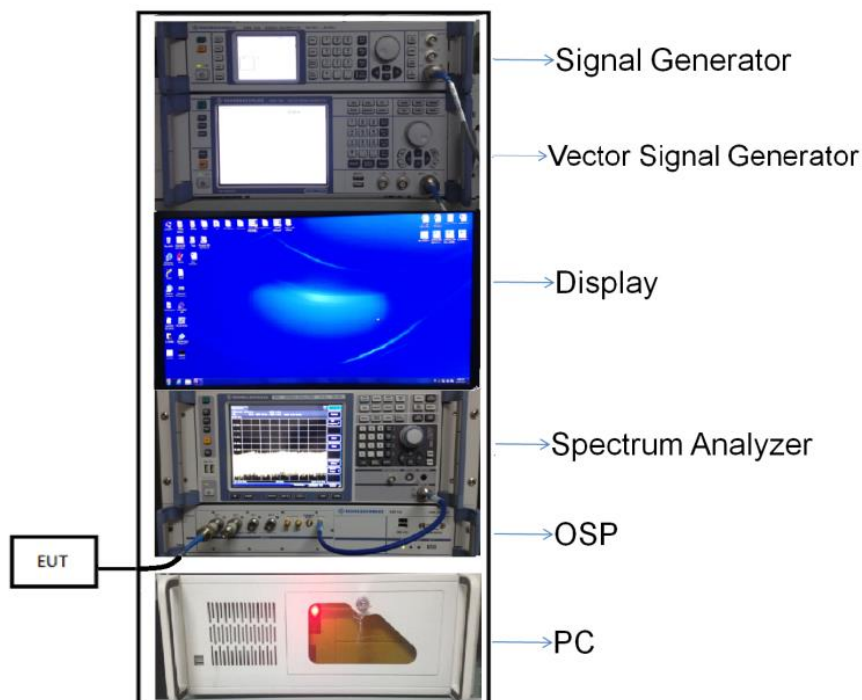
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

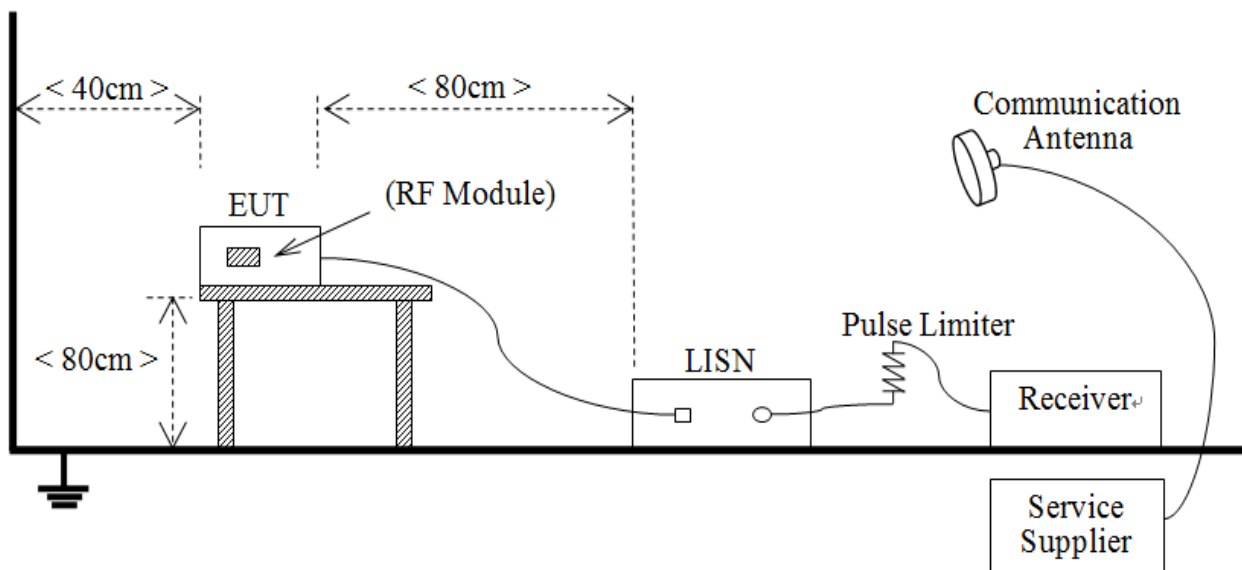
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



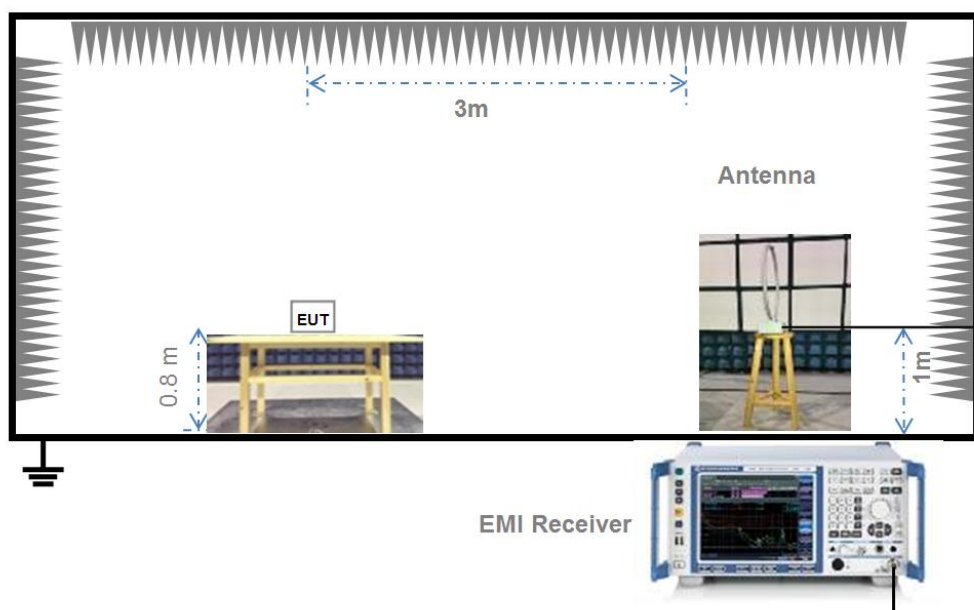
(Diagram 1)

4.5.2 For AC Power Supply Port Test



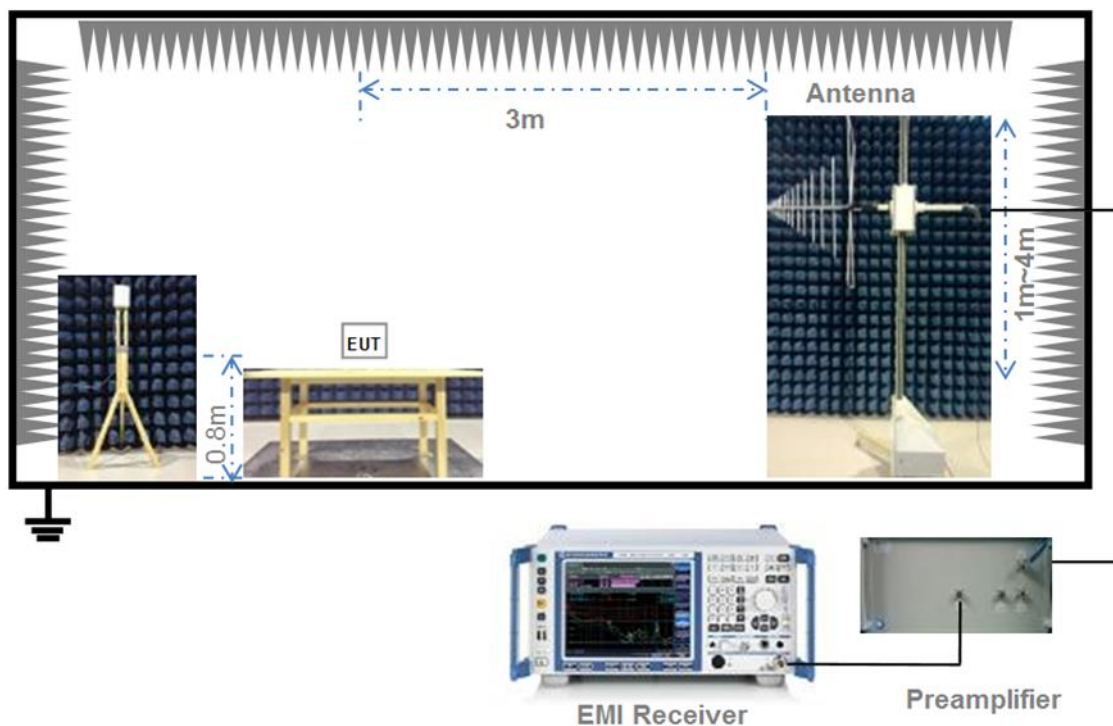
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



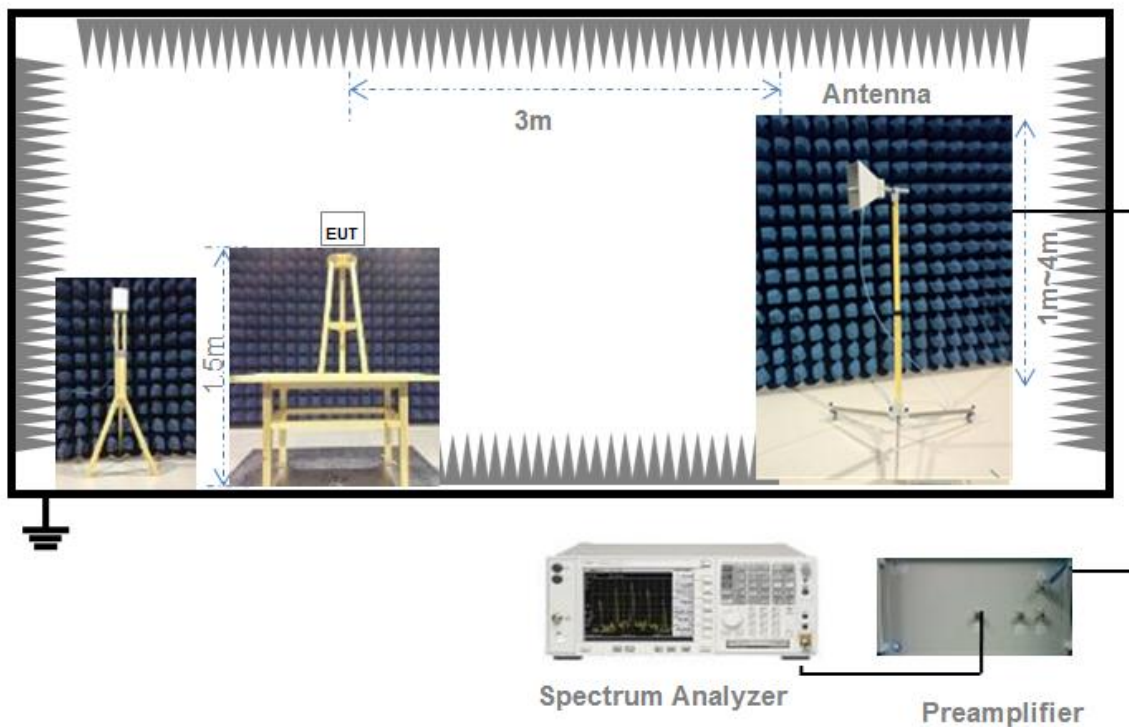
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

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

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

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

Measurements of duty cycle

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

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

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

Set VBW $\geq$ RBW. Set detector = peak or average.

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

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 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	Duty Factor
11a	1.39	1.44	96.66%	0.15
11n(HT20)/11ac(VHT20)	1.30	1.36	95.94%	0.18
11n(HT40)/11ac(VHT40)	0.65	0.70	93.56%	0.29
11ac(VHT80)	0.32	0.37	88.05%	0.55

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.22	20.99	250	Pass
11a	CH44	13.48	22.28	250	Pass
11a	CH48	13.68	23.33	250	Pass
11n(HT20)	CH36	13.09	20.37	250	Pass
11n(HT20)	CH44	12.73	18.75	250	Pass
11n(HT20)	CH48	13.01	20.00	250	Pass
11n(HT40)	CH38	12.75	18.84	250	Pass
11n(HT40)	CH46	13.37	21.73	250	Pass
11ac(VHT20)	CH36	13.18	20.80	250	Pass
11ac(VHT20)	CH44	13.48	22.28	250	Pass
11ac(VHT20)	CH48	13.00	19.95	250	Pass
11ac(VHT40)	CH38	12.29	16.94	250	Pass
11ac(VHT40)	CH46	12.37	17.26	250	Pass
11ac(VHT80)	CH42	12.21	16.63	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.38	21.78	250	Pass
11a	CH60	13.17	20.75	250	Pass
11a	CH64	13.20	20.89	250	Pass
11n(HT20)	CH52	13.16	20.70	250	Pass
11n(HT20)	CH60	13.11	20.46	250	Pass
11n(HT20)	CH64	13.04	20.14	250	Pass
11n(HT40)	CH54	13.01	20.00	250	Pass
11n(HT40)	CH62	12.91	19.54	250	Pass
11ac(VHT20)	CH52	13.22	20.99	250	Pass
11ac(VHT20)	CH60	13.05	20.18	250	Pass
11ac(VHT20)	CH64	13.04	20.14	250	Pass
11ac(VHT40)	CH54	12.96	19.77	250	Pass
11ac(VHT40)	CH62	12.89	19.45	250	Pass
11ac(VHT80)	CH58	12.75	18.84	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.68	23.33	249	Pass
11a	CH116	13.79	23.93	250	Pass
11a	CH140	13.58	22.80	250	Pass
11n(HT20)	CH100	13.12	20.51	250	Pass
11n(HT20)	CH116	13.20	20.89	250	Pass
11n(HT20)	CH140	13.11	20.46	250	Pass
11n(HT40)	CH102	11.52	14.19	250	Pass
11n(HT40)	CH118	13.13	20.56	250	Pass
11n(HT40)	CH134	13.02	20.04	250	Pass
11ac(VHT20)	CH100	13.18	20.80	250	Pass
11ac(VHT20)	CH116	13.30	21.38	250	Pass
11ac(VHT20)	CH140	13.20	20.89	250	Pass
11ac(VHT40)	CH102	11.18	13.12	250	Pass
11ac(VHT40)	CH118	12.54	17.95	250	Pass
11ac(VHT40)	CH134	12.43	17.50	250	Pass
11ac(VHT80)	CH106	11.58	14.39	250	Pass
11ac(VHT80)	CH122	12.80	19.05	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.36	21.68	1000	Pass
11a	CH157	13.03	20.09	1000	Pass
11a	CH165	13.21	20.94	1000	Pass
11n(HT20)	CH149	13.20	20.89	1000	Pass
11n(HT20)	CH157	12.91	19.54	1000	Pass
11n(HT20)	CH165	13.09	20.37	1000	Pass
11n(HT40)	CH151	13.00	19.95	1000	Pass
11n(HT40)	CH159	12.92	19.59	1000	Pass
11ac(VHT20)	CH149	13.22	20.99	1000	Pass
11ac(VHT20)	CH157	13.00	19.95	1000	Pass
11ac(VHT20)	CH165	13.10	20.42	1000	Pass
11ac(VHT40)	CH151	12.94	19.68	1000	Pass
11ac(VHT40)	CH159	12.94	19.68	1000	Pass
11ac(VHT80)	CH155	12.71	18.66	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: Ti-EE26030228-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	19.94	16.48
11a	CH44	20.00	16.45
11a	CH48	19.89	16.44
11n(HT20)	CH36	20.23	17.57
11n(HT20)	CH44	20.16	17.57
11n(HT20)	CH48	20.23	17.56
11n(HT40)	CH38	40.39	36.05
11n(HT40)	CH46	40.55	36.06
11ac(VHT20)	CH36	20.21	17.57
11ac(VHT20)	CH44	20.37	17.57
11ac(VHT20)	CH48	20.08	17.59
11ac(VHT40)	CH38	40.57	36.03
11ac(VHT40)	CH46	40.54	36.00
11ac(VHT80)	CH42	80.69	75.39

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	19.83	16.46
11a	CH60	19.93	16.47
11a	CH64	19.85	16.46
11n(HT20)	CH52	20.17	17.57
11n(HT20)	CH60	20.34	17.56
11n(HT20)	CH64	20.12	17.59
11n(HT40)	CH54	40.35	36.02
11n(HT40)	CH62	40.56	36.07
11ac(VHT20)	CH52	20.18	17.56
11ac(VHT20)	CH60	20.22	17.55
11ac(VHT20)	CH64	20.15	17.56
11ac(VHT40)	CH54	40.53	36.03
11ac(VHT40)	CH62	39.97	36.04
11ac(VHT80)	CH58	81.23	75.51

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	19.81	16.44
11a	CH116	20.03	16.45
11a	CH140	19.97	16.47
11n(HT20)	CH100	20.21	17.58
11n(HT20)	CH116	20.16	17.57
11n(HT20)	CH140	20.10	17.54
11n(HT40)	CH102	40.49	36.03
11n(HT40)	CH118	40.40	36.02
11n(HT40)	CH134	40.71	36.02
11ac(VHT20)	CH100	20.20	17.56
11ac(VHT20)	CH116	20.09	17.58
11ac(VHT20)	CH140	20.24	17.56
11ac(VHT40)	CH102	40.61	35.99
11ac(VHT40)	CH118	40.36	36.06
11ac(VHT40)	CH134	40.65	36.04
11ac(VHT80)	CH106	81.10	75.32
11ac(VHT80)	CH122	81.04	75.36

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	19.83	16.44
11a	CH157	20.04	16.45
11a	CH165	19.85	16.44
11n(HT20)	CH149	20.16	17.57
11n(HT20)	CH157	20.25	17.57
11n(HT20)	CH165	20.29	17.55
11n(HT40)	CH151	40.32	36.08
11n(HT40)	CH159	40.50	36.11
11ac(VHT20)	CH149	20.19	17.56
11ac(VHT20)	CH157	20.37	17.57
11ac(VHT20)	CH165	20.24	17.58
11ac(VHT40)	CH151	40.71	35.95
11ac(VHT40)	CH159	40.55	36.04
11ac(VHT80)	CH155	80.94	75.45

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: Ti-EE26030228-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.70	500.00	Pass
11a	CH157	14.00	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	15.20	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.20	500.00	Pass
11n(HT40)	CH151	33.10	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	15.70	500.00	Pass
11ac(VHT20)	CH157	12.10	500.00	Pass
11ac(VHT20)	CH165	15.20	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.30	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: Ti-EE26030228-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	2.50	11.00	Pass
11a	CH44	2.88	11.00	Pass
11a	CH48	2.97	11.00	Pass
11n(HT20)	CH36	1.99	11.00	Pass
11n(HT20)	CH44	1.88	11.00	Pass
11n(HT20)	CH48	2.17	11.00	Pass
11n(HT40)	CH38	-0.96	11.00	Pass
11n(HT40)	CH46	-0.47	11.00	Pass
11ac(VHT20)	CH36	2.11	11.00	Pass
11ac(VHT20)	CH44	2.47	11.00	Pass
11ac(VHT20)	CH48	2.09	11.00	Pass
11ac(VHT40)	CH38	-1.44	11.00	Pass
11ac(VHT40)	CH46	-1.44	11.00	Pass
11ac(VHT80)	CH42	-4.81	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	2.68	11.00	Pass
11a	CH60	2.51	11.00	Pass
11a	CH64	2.38	11.00	Pass
11n(HT20)	CH52	2.37	11.00	Pass
11n(HT20)	CH60	2.22	11.00	Pass
11n(HT20)	CH64	2.15	11.00	Pass
11n(HT40)	CH54	-0.95	11.00	Pass
11n(HT40)	CH62	-0.89	11.00	Pass
11ac(VHT20)	CH52	-2.43	11.00	Pass
11ac(VHT20)	CH60	2.21	11.00	Pass
11ac(VHT20)	CH64	2.11	11.00	Pass
11ac(VHT40)	CH54	-0.72	11.00	Pass
11ac(VHT40)	CH62	-1.00	11.00	Pass
11ac(VHT80)	CH58	-4.41	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	3.50	11.00	Pass
11a	CH116	3.55	11.00	Pass
11a	CH140	3.07	11.00	Pass
11n(HT20)	CH100	2.67	11.00	Pass
11n(HT20)	CH116	2.77	11.00	Pass
11n(HT20)	CH140	2.34	11.00	Pass
11n(HT40)	CH102	-2.11	11.00	Pass
11n(HT40)	CH118	-0.33	11.00	Pass
11n(HT40)	CH134	-0.56	11.00	Pass
11ac(VHT20)	CH100	2.57	11.00	Pass
11ac(VHT20)	CH116	2.79	11.00	Pass
11ac(VHT20)	CH140	2.69	11.00	Pass
11ac(VHT40)	CH102	-2.07	11.00	Pass
11ac(VHT40)	CH118	-0.89	11.00	Pass
11ac(VHT40)	CH134	-1.05	11.00	Pass
11ac(VHT80)	CH106	-4.84	11.00	Pass
11ac(VHT80)	CH122	-3.66	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	0.05	30.00	Pass
11a	CH157	-0.19	30.00	Pass
11a	CH165	-0.24	30.00	Pass
11n(HT20)	CH149	-0.11	30.00	Pass
11n(HT20)	CH157	-0.55	30.00	Pass
11n(HT20)	CH165	-0.62	30.00	Pass
11n(HT40)	CH151	-3.36	30.00	Pass
11n(HT40)	CH159	-3.61	30.00	Pass
11ac(VHT20)	CH149	-0.11	30.00	Pass
11ac(VHT20)	CH157	-0.53	30.00	Pass
11ac(VHT20)	CH165	-0.58	30.00	Pass
11ac(VHT40)	CH151	-3.31	30.00	Pass
11ac(VHT40)	CH159	-3.75	30.00	Pass
11ac(VHT80)	CH155	-7.07	30.00	Pass

A.5 Conducted Emissions

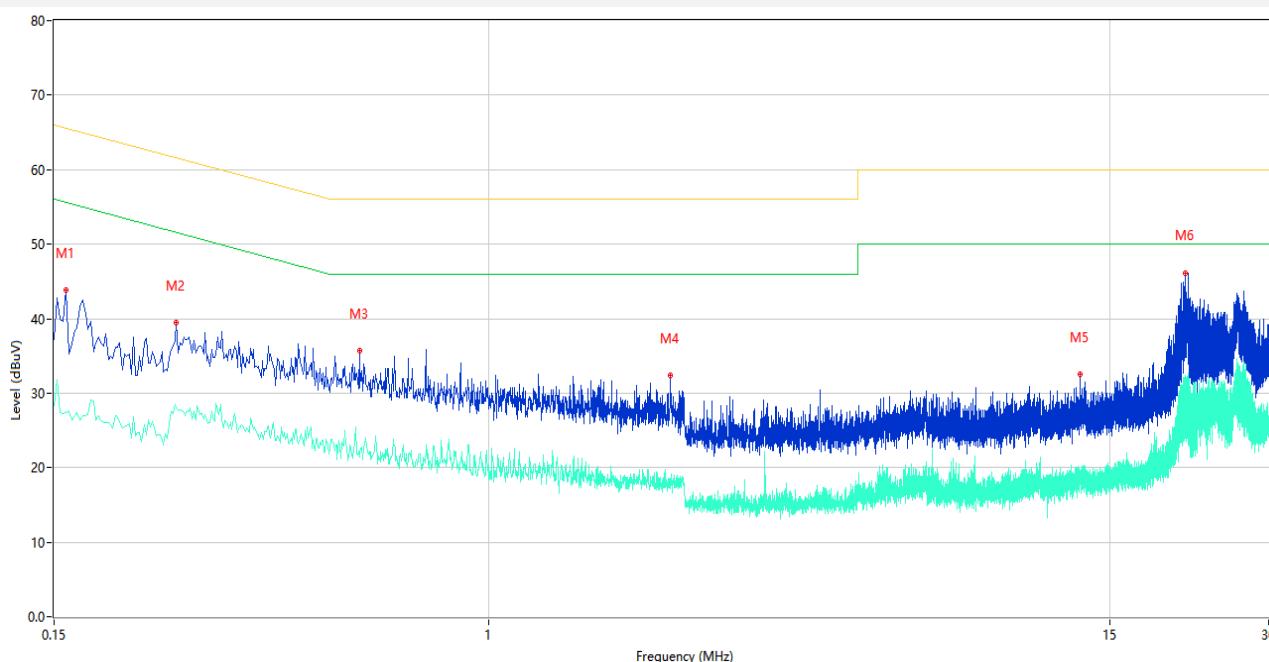
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

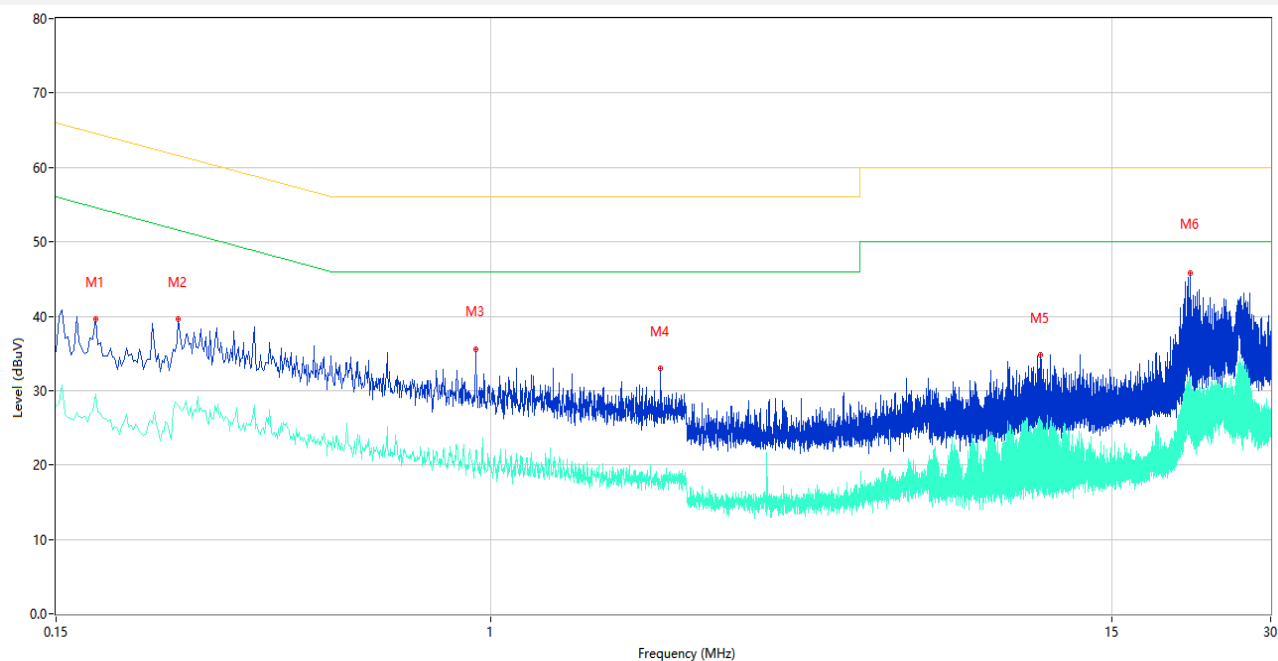
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	43.79	10.30	65.57	21.78	Peak	L	Pass
1**	0.158	27.36	10.30	55.57	28.21	AV	L	Pass
2	0.256	39.44	10.26	61.56	22.12	Peak	L	Pass
2**	0.256	27.97	10.26	51.56	23.59	AV	L	Pass
3	0.568	35.66	10.28	56.00	20.34	Peak	L	Pass
3**	0.568	21.37	10.28	46.00	24.63	AV	L	Pass
4	2.206	32.38	10.46	56.00	23.62	Peak	L	Pass
4**	2.206	17.20	10.46	46.00	28.80	AV	L	Pass
5	13.164	32.50	12.64	60.00	27.50	Peak	L	Pass
5**	13.164	18.45	12.64	50.00	31.55	AV	L	Pass
6	20.890	46.11	14.60	60.00	13.89	Peak	L	Pass
6**	20.890	31.22	14.60	50.00	18.78	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	39.58	10.20	64.58	25.00	Peak	N	Pass
1**	0.178	29.53	10.20	54.58	25.05	AV	N	Pass
2	0.256	39.66	10.18	61.56	21.90	Peak	N	Pass
2**	0.256	27.99	10.18	51.56	23.57	AV	N	Pass
3	0.936	35.62	10.23	56.00	20.38	Peak	N	Pass
3**	0.936	21.95	10.23	46.00	24.05	AV	N	Pass
4	2.098	33.03	10.36	56.00	22.97	Peak	N	Pass
4**	2.098	17.68	10.36	46.00	28.32	AV	N	Pass
5	10.988	34.82	12.02	60.00	25.18	Peak	N	Pass
5**	10.988	25.77	12.02	50.00	24.23	AV	N	Pass
6	21.160	45.73	14.71	60.00	14.27	Peak	N	Pass
6**	21.160	31.20	14.71	50.00	18.80	AV	N	Pass

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

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

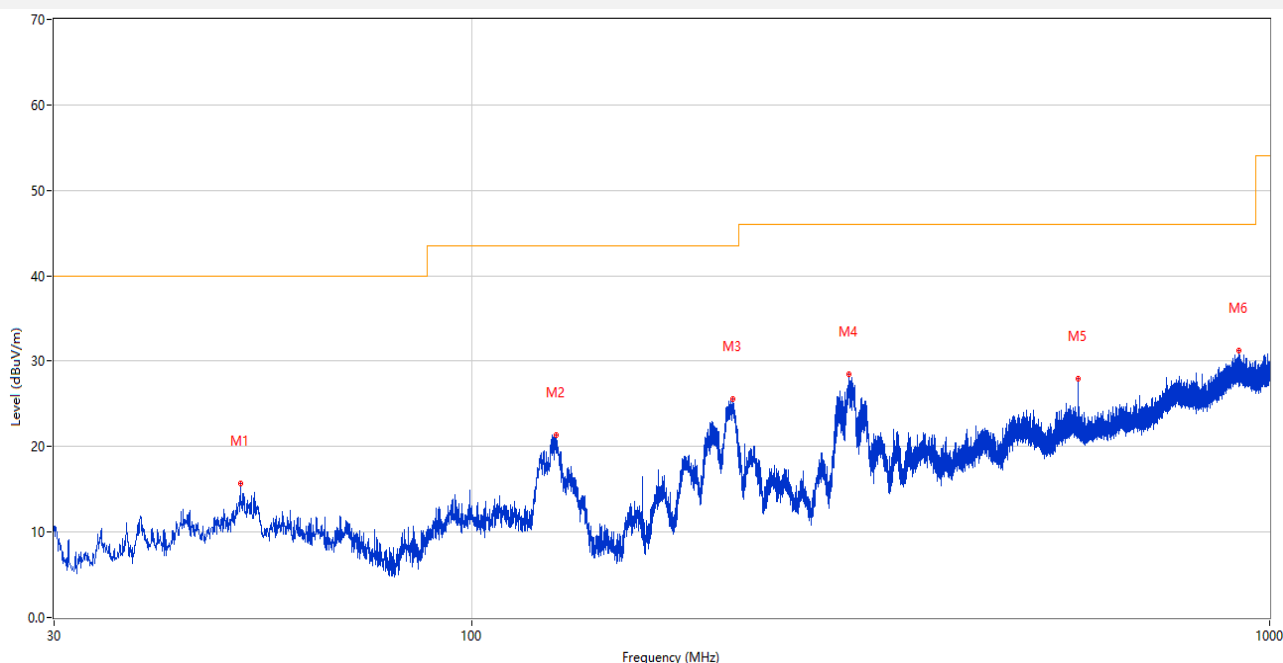
Note ²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

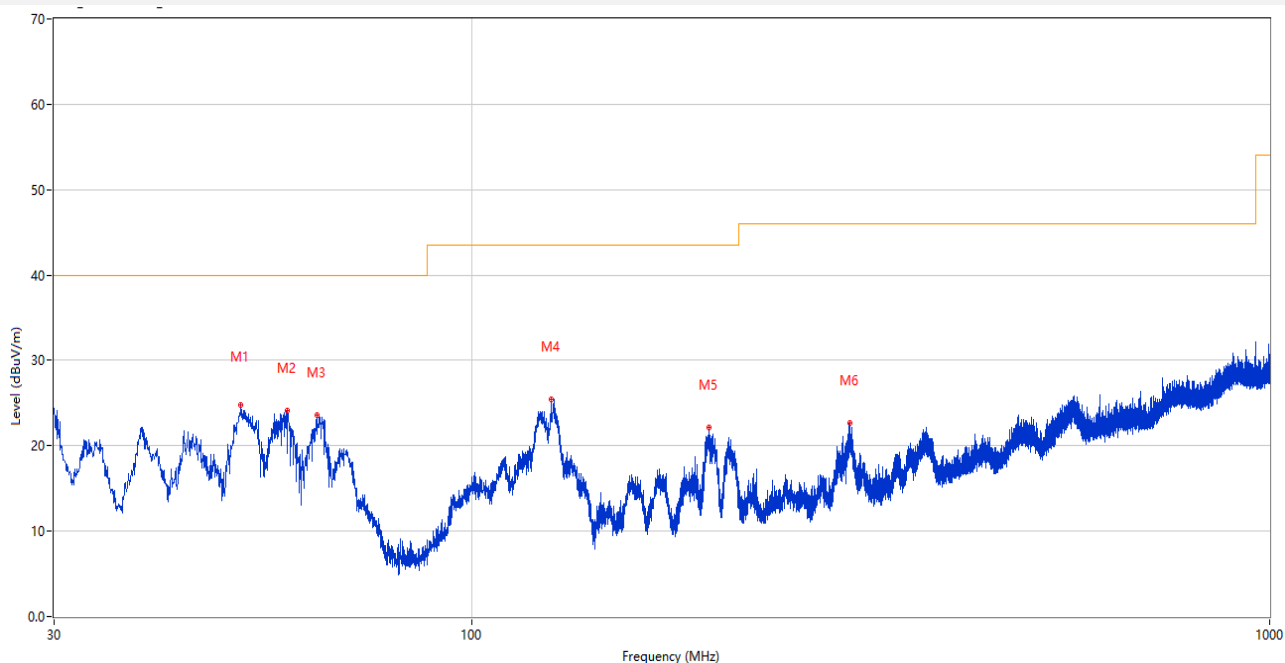
Test Data and Plots

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	51.389	15.66	-24.24	40.0	24.34	Peak	270.00	200	Horizontal	Pass
2	127.631	21.39	-29.45	43.5	22.11	Peak	119.00	200	Horizontal	Pass
3	212.457	25.59	-26.39	43.5	17.91	Peak	108.00	200	Horizontal	Pass
4	296.944	28.44	-23.18	46.0	17.56	Peak	17.00	100	Horizontal	Pass
5	576.013	27.91	-16.56	46.0	18.09	Peak	0.00	200	Horizontal	Pass
6	914.834	31.28	-8.57	46.0	14.72	Peak	167.00	200	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	51.437	24.81	-24.29	40.0	15.19	Peak	167.00	100	Vertical	Pass
2	58.712	24.16	-25.72	40.0	15.84	Peak	178.00	100	Vertical	Pass
3	63.998	23.60	-26.76	40.0	16.40	Peak	106.00	100	Vertical	Pass
4	125.933	25.44	-29.36	43.5	18.06	Peak	249.00	100	Vertical	Pass
5	198.392	22.14	-25.73	43.5	21.36	Peak	0.00	200	Vertical	Pass
6	297.720	22.66	-23.24	46.0	23.34	Peak	319.00	100	Vertical	Pass

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

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	1408.600	38.49	-17.11	74.0	35.51	Peak	55.00	100	Horizontal	Pass
1**	1408.600	29.34	-17.11	54.0	24.66	AV	55.00	100	Horizontal	Pass
2	2861.900	43.56	-11.56	74.0	30.44	Peak	84.00	100	Horizontal	Pass
2**	2861.900	34.88	-11.56	54.0	19.12	AV	84.00	100	Horizontal	Pass
3	4138.800	47.47	-9.12	74.0	26.53	Peak	85.00	200	Horizontal	Pass
3**	4138.800	38.12	-9.12	54.0	15.88	AV	85.00	200	Horizontal	Pass
4	5181.400	100.20	-6.57	--	--	Peak	56.00	400	Horizontal	N/A
4**	5181.400	93.04	-6.57	--	--	AV	56.00	400	Horizontal	N/A
5	8288.000	49.43	-3.47	74.0	24.57	Peak	150.00	150	Horizontal	Pass
5**	8288.000	45.22	-3.47	54.0	8.78	AV	150.00	150	Horizontal	Pass
6	11023.849	54.43	3.07	74.0	19.57	Peak	218.00	150	Horizontal	Pass
6**	11023.849	45.39	3.07	54.0	8.61	AV	218.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.700	37.93	-17.39	74.0	36.07	Peak	97.00	400	Vertical	Pass
1**	1352.700	29.08	-17.39	54.0	24.92	AV	97.00	400	Vertical	Pass
2	2757.800	43.18	-12.23	74.0	30.82	Peak	113.00	200	Vertical	Pass
2**	2757.800	33.53	-12.23	54.0	20.47	AV	113.00	200	Vertical	Pass
3	4261.000	47.18	-8.95	74.0	26.82	Peak	360.00	150	Vertical	Pass
3**	4261.000	38.03	-8.95	54.0	15.97	AV	360.00	150	Vertical	Pass
4	5178.600	103.65	-6.81	--	--	Peak	83.00	400	Vertical	N/A
4**	5178.600	95.80	-6.81	--	--	AV	83.00	400	Vertical	N/A
5	8288.287	49.33	-3.47	74.0	24.67	Peak	143.00	150	Vertical	Pass
5**	8288.287	45.57	-3.47	54.0	8.43	AV	143.00	150	Vertical	Pass
6	11184.562	54.41	1.07	74.0	19.59	Peak	360.00	200	Vertical	Pass
6**	11184.562	44.85	1.07	54.0	9.15	AV	360.00	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	1385.500	38.24	-17.59	74.0	35.76	Peak	174.00	400	Horizontal	Pass
1**	1385.500	27.90	-17.59	54.0	26.10	AV	174.00	400	Horizontal	Pass
2	2740.600	43.09	-11.74	74.0	30.91	Peak	0.00	100	Horizontal	Pass
2**	2740.600	33.50	-11.74	54.0	20.50	AV	0.00	100	Horizontal	Pass
3	4369.400	47.21	-8.08	74.0	26.79	Peak	337.00	200	Horizontal	Pass
3**	4369.400	37.71	-8.08	54.0	16.29	AV	337.00	200	Horizontal	Pass
4	5218.200	102.29	-6.32	--	--	Peak	60.00	300	Horizontal	N/A
4**	5218.200	94.28	-6.32	--	--	AV	60.00	300	Horizontal	N/A
5	8352.400	48.53	-3.09	74.0	25.47	Peak	149.00	150	Horizontal	Pass
5**	8352.400	46.11	-3.09	54.0	7.89	AV	149.00	150	Horizontal	Pass
6	11129.650	54.27	1.57	74.0	19.73	Peak	54.00	300	Horizontal	Pass
6**	11129.650	44.59	1.57	54.0	9.41	AV	54.00	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	1365.700	38.40	-17.81	74.0	35.60	Peak	84.00	400	Vertical	Pass
1**	1365.700	29.42	-17.81	54.0	24.58	AV	84.00	400	Vertical	Pass
2	2781.300	42.79	-11.88	74.0	31.21	Peak	249.00	200	Vertical	Pass
2**	2781.300	33.72	-11.88	54.0	20.28	AV	249.00	200	Vertical	Pass
3	4328.400	47.56	-7.60	74.0	26.44	Peak	252.00	200	Vertical	Pass
3**	4328.400	38.04	-7.60	54.0	15.96	AV	252.00	200	Vertical	Pass
4	5221.400	106.37	-6.36	--	--	Peak	84.00	150	Vertical	N/A
4**	5221.400	99.17	-6.36	--	--	AV	84.00	150	Vertical	N/A
5	8352.400	48.55	-3.09	74.0	25.45	Peak	1.00	150	Vertical	Pass
5**	8352.400	46.38	-3.09	54.0	7.62	AV	1.00	150	Vertical	Pass
6	11602.300	53.86	3.68	74.0	20.14	Peak	1.00	150	Vertical	Pass
6**	11602.300	44.87	3.68	54.0	9.13	AV	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1338.000	38.24	-17.39	74.0	35.76	Peak	70.00	400	Horizontal	Pass
1**	1338.000	31.92	-17.39	54.0	22.08	AV	70.00	400	Horizontal	Pass
2	2809.200	42.73	-11.85	74.0	31.27	Peak	203.00	400	Horizontal	Pass
2**	2809.200	33.91	-11.85	54.0	20.09	AV	203.00	400	Horizontal	Pass
3	4043.000	47.74	-8.50	74.0	26.26	Peak	360.00	200	Horizontal	Pass
3**	4043.000	38.21	-8.50	54.0	15.79	AV	360.00	200	Horizontal	Pass
4	5242.400	102.02	-6.80	--	--	Peak	49.00	300	Horizontal	N/A
4**	5242.400	93.97	-6.80	--	--	AV	49.00	300	Horizontal	N/A
5	8384.312	49.16	-2.86	74.0	24.84	Peak	97.00	150	Horizontal	Pass
5**	8384.312	46.39	-2.86	54.0	7.61	AV	97.00	150	Horizontal	Pass
6	11033.912	54.12	2.82	74.0	19.88	Peak	211.00	400	Horizontal	Pass
6**	11033.912	45.05	2.82	54.0	8.95	AV	211.00	400	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	1343.800	37.97	-17.54	74.0	36.03	Peak	89.00	300	Vertical	Pass
1**	1343.800	28.22	-17.54	54.0	25.78	AV	89.00	300	Vertical	Pass
2	2865.700	42.91	-11.79	74.0	31.09	Peak	224.00	200	Vertical	Pass
2**	2865.700	33.86	-11.79	54.0	20.14	AV	224.00	200	Vertical	Pass
3	4117.200	47.43	-8.99	74.0	26.57	Peak	360.00	100	Vertical	Pass
3**	4117.200	38.73	-8.99	54.0	15.27	AV	360.00	100	Vertical	Pass
4	5241.800	105.02	-7.06	--	--	Peak	55.00	100	Vertical	N/A
4**	5241.800	97.31	-7.06	--	--	AV	55.00	100	Vertical	N/A
5	8384.026	51.53	-2.86	74.0	22.47	Peak	1.00	150	Vertical	Pass
5**	8384.026	46.00	-2.86	54.0	8.00	AV	1.00	150	Vertical	Pass
6	11503.688	53.97	3.08	74.0	20.03	Peak	200.00	400	Vertical	Pass
6**	11503.688	43.92	3.08	54.0	10.08	AV	200.00	400	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	1351.300	38.91	-17.16	74.0	35.09	Peak	110.00	400	Horizontal	Pass
1**	1351.300	29.10	-17.16	54.0	24.90	AV	110.00	400	Horizontal	Pass
2	2818.000	42.87	-11.81	74.0	31.13	Peak	307.00	100	Horizontal	Pass
2**	2818.000	33.88	-11.81	54.0	20.12	AV	307.00	100	Horizontal	Pass
3	4328.800	47.40	-7.64	74.0	26.60	Peak	35.00	150	Horizontal	Pass
3**	4328.800	38.16	-7.64	54.0	15.84	AV	35.00	150	Horizontal	Pass
4	5181.200	100.61	-6.51	--	--	Peak	35.00	100	Horizontal	N/A
4**	5181.200	92.85	-6.51	--	--	AV	35.00	100	Horizontal	N/A
5	8288.575	48.29	-3.47	74.0	25.71	Peak	153.00	150	Horizontal	Pass
5**	8288.575	45.11	-3.47	54.0	8.89	AV	153.00	150	Horizontal	Pass
6	11037.650	55.87	2.91	74.0	18.13	Peak	146.00	100	Horizontal	Pass
6**	11037.650	45.34	2.91	54.0	8.66	AV	146.00	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	1353.700	38.12	-17.38	74.0	35.88	Peak	131.00	400	Vertical	Pass
1**	1353.700	28.54	-17.38	54.0	25.46	AV	131.00	400	Vertical	Pass
2	2781.200	43.28	-11.89	74.0	30.72	Peak	64.00	300	Vertical	Pass
2**	2781.200	33.88	-11.89	54.0	20.12	AV	64.00	300	Vertical	Pass
3	4036.200	47.01	-8.83	74.0	26.99	Peak	129.00	200	Vertical	Pass
3**	4036.200	37.88	-8.83	54.0	16.12	AV	129.00	200	Vertical	Pass
4	5181.600	103.33	-6.62	--	--	Peak	87.00	400	Vertical	N/A
4**	5181.600	96.19	-6.62	--	--	AV	87.00	400	Vertical	N/A
5	8288.000	50.11	-3.47	74.0	23.89	Peak	135.00	150	Vertical	Pass
5**	8288.000	46.36	-3.47	54.0	7.64	AV	135.00	150	Vertical	Pass
6	11604.888	55.00	3.50	74.0	19.00	Peak	348.00	100	Vertical	Pass
6**	11604.888	44.80	3.50	54.0	9.20	AV	348.00	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	1414.800	37.95	-17.58	74.0	36.05	Peak	82.00	300	Horizontal	Pass
1**	1414.800	28.78	-17.58	54.0	25.22	AV	82.00	300	Horizontal	Pass
2	2772.200	43.11	-11.99	74.0	30.89	Peak	105.00	100	Horizontal	Pass
2**	2772.200	33.85	-11.99	54.0	20.15	AV	105.00	100	Horizontal	Pass
3	4150.400	47.23	-9.18	74.0	26.77	Peak	232.00	200	Horizontal	Pass
3**	4150.400	38.04	-9.18	54.0	15.96	AV	232.00	200	Horizontal	Pass
4	5221.800	102.88	-6.32	--	--	Peak	84.00	300	Horizontal	N/A
4**	5221.800	96.53	-6.32	--	--	AV	84.00	300	Horizontal	N/A
5	7604.612	50.46	-2.71	74.0	23.54	Peak	213.00	200	Horizontal	Pass
5**	7604.612	41.24	-2.71	54.0	12.76	AV	213.00	200	Horizontal	Pass
6	11051.162	54.37	3.42	74.0	19.63	Peak	332.00	100	Horizontal	Pass
6**	11051.162	45.64	3.42	54.0	8.36	AV	332.00	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	1408.500	37.67	-17.09	74.0	36.33	Peak	78.00	400	Vertical	Pass
1**	1408.500	28.90	-17.09	54.0	25.10	AV	78.00	400	Vertical	Pass
2	2851.400	43.19	-11.41	74.0	30.81	Peak	173.00	100	Vertical	Pass
2**	2851.400	33.88	-11.41	54.0	20.12	AV	173.00	100	Vertical	Pass
3	4333.800	47.34	-8.15	74.0	26.66	Peak	197.00	150	Vertical	Pass
3**	4333.800	38.13	-8.15	54.0	15.87	AV	197.00	150	Vertical	Pass
4	5221.800	103.64	-6.32	--	--	Peak	84.00	200	Vertical	N/A
4**	5221.800	96.76	-6.32	--	--	AV	84.00	200	Vertical	N/A
5	7601.737	50.27	-2.57	74.0	23.73	Peak	261.00	150	Vertical	Pass
5**	7601.737	40.50	-2.57	54.0	13.50	AV	261.00	150	Vertical	Pass
6	11037.938	54.27	2.91	74.0	19.73	Peak	282.00	100	Vertical	Pass
6**	11037.938	45.73	2.91	54.0	8.27	AV	282.00	100	Vertical	Pass

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

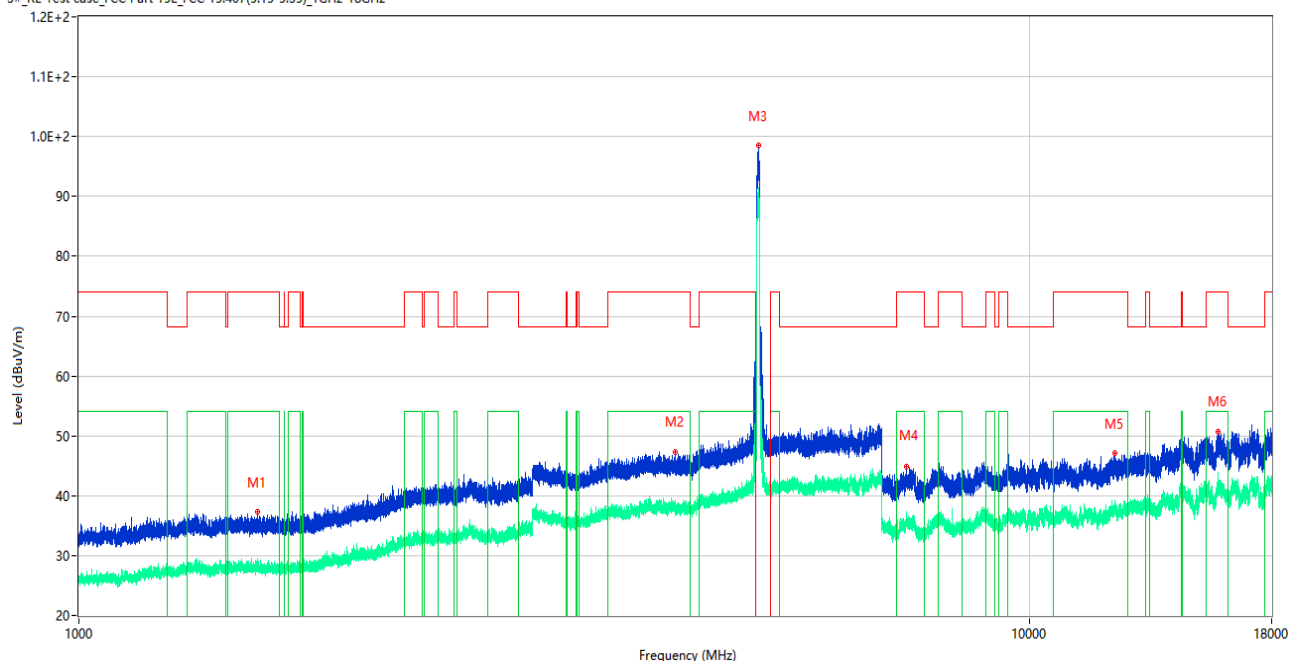
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1420.600	37.82	-17.57	74.0	36.18	Peak	31.00	200	Horizontal	Pass
1**	1420.600	29.10	-17.57	54.0	24.90	AV	31.00	200	Horizontal	Pass
2	2793.000	42.86	-12.27	74.0	31.14	Peak	308.00	300	Horizontal	Pass
2**	2793.000	33.43	-12.27	54.0	20.57	AV	308.00	300	Horizontal	Pass
3	4165.200	47.69	-8.59	74.0	26.31	Peak	19.00	100	Horizontal	Pass
3**	4165.200	38.57	-8.59	54.0	15.43	AV	19.00	100	Horizontal	Pass
4	5238.600	103.75	-6.77	--	--	Peak	172.00	200	Horizontal	N/A
4**	5238.600	96.96	-6.77	--	--	AV	172.00	200	Horizontal	N/A
5	7476.388	50.39	-1.55	74.0	23.61	Peak	75.00	100	Horizontal	Pass
5**	7476.388	40.98	-1.55	54.0	13.02	AV	75.00	100	Horizontal	Pass
6	11042.825	54.70	3.13	74.0	19.30	Peak	293.00	100	Horizontal	Pass
6**	11042.825	45.37	3.13	54.0	8.63	AV	293.00	100	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	1333.200	38.02	-17.78	74.0	35.98	Peak	150.00	200	Vertical	Pass
1**	1333.200	28.71	-17.78	54.0	25.29	AV	150.00	200	Vertical	Pass
2	2822.100	43.06	-12.07	74.0	30.94	Peak	195.00	200	Vertical	Pass
2**	2822.100	33.66	-12.07	54.0	20.34	AV	195.00	200	Vertical	Pass
3	4138.400	48.08	-8.97	74.0	25.92	Peak	245.00	200	Vertical	Pass
3**	4138.400	38.07	-8.97	54.0	15.93	AV	245.00	200	Vertical	Pass
4	5237.400	105.91	-6.37	--	--	Peak	183.00	150	Vertical	N/A
4**	5237.400	98.76	-6.37	--	--	AV	183.00	150	Vertical	N/A
5	7598.575	50.40	-2.54	74.0	23.60	Peak	275.00	150	Vertical	Pass
5**	7598.575	40.83	-2.54	54.0	13.17	AV	275.00	150	Vertical	Pass
6	11602.588	54.57	3.66	74.0	19.43	Peak	209.00	200	Vertical	Pass
6**	11602.588	45.09	3.66	54.0	8.91	AV	209.00	200	Vertical	Pass

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

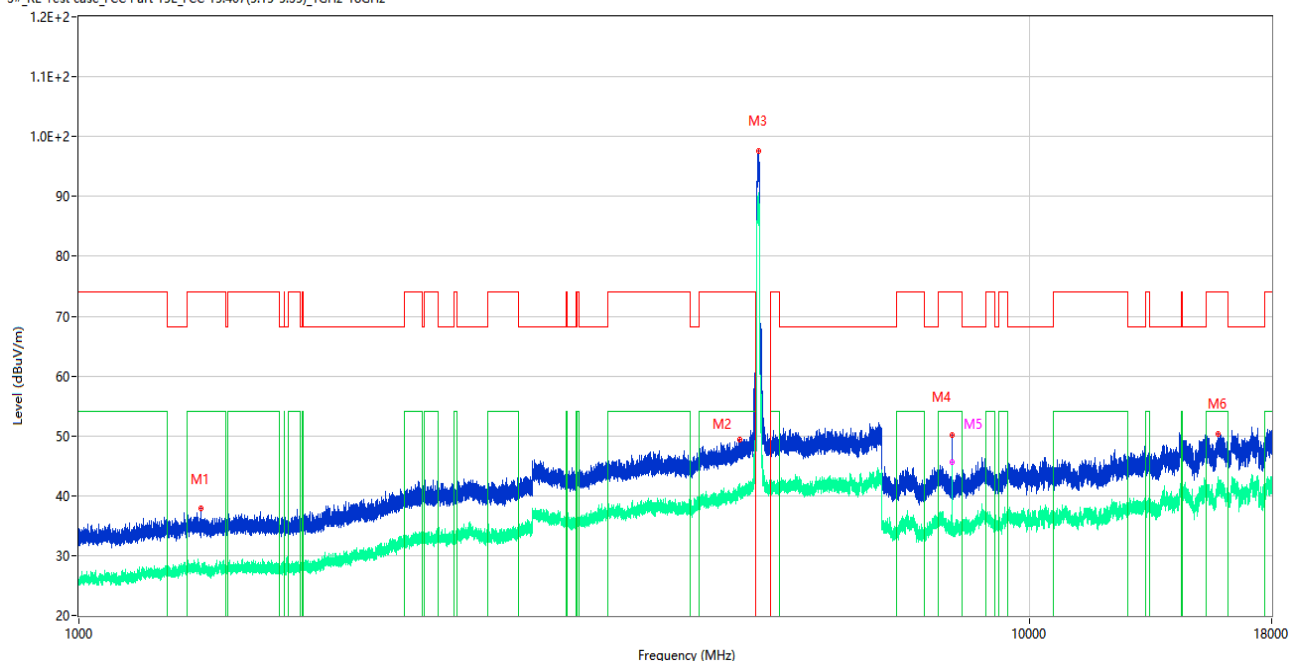
3#_RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.300	37.25	74.0	36.75	Peak	0.00	100	Horizontal	Pass
1**	1541.300	27.60	54.0	26.40	AV	0.00	100	Horizontal	Pass
2	4238.800	47.35	74.0	26.65	Peak	63.00	300	Horizontal	Pass
2**	4238.800	37.38	54.0	16.62	AV	63.00	300	Horizontal	Pass
3	5192.800	98.45	--	--	Peak	198.00	100	Horizontal	Pass
3**	5192.800	90.90	--	--	AV	198.00	100	Horizontal	N/A
4	7424.637	44.95	74.0	29.05	Peak	43.00	300	Horizontal	Pass
4**	7424.637	35.71	54.0	18.29	AV	43.00	300	Horizontal	Pass
5	12310.700	47.09	74.0	26.91	Peak	97.00	100	Horizontal	Pass
5**	12310.700	38.45	54.0	15.55	AV	97.00	100	Horizontal	Pass
6	15796.575	50.70	74.0	23.30	Peak	97.00	300	Horizontal	Pass
6**	15796.575	42.05	54.0	11.95	AV	97.00	300	Horizontal	Pass

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

3#_RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.600	37.80	74.0	36.20	Peak	324.00	100	Vertical	Pass
1**	1345.600	27.20	54.0	26.80	AV	324.00	100	Vertical	Pass
2	4958.400	49.41	74.0	24.59	Peak	19.00	150	Vertical	Pass
2**	4958.400	40.42	54.0	13.58	AV	19.00	150	Vertical	Pass
3	5188.400	97.67	--	--	Peak	52.00	200	Vertical	N/A
3**	5188.400	90.35	--	--	AV	52.00	200	Vertical	N/A
4	8303.813	46.17	74.0	27.83	Peak	255.00	150	Vertical	Pass
4**	8303.813	38.46	54.0	15.54	AV	255.00	150	Vertical	Pass
5	8304.100	49.45	74.0	24.55	Peak	255.00	150	Vertical	Pass
5**	8304.100	45.70	54.0	8.30	AV	255.00	150	Vertical	Pass
6	15797.363	50.24	74.0	23.76	Peak	194.00	150	Vertical	Pass
6**	15797.363	42.25	54.0	11.75	AV	194.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1407.700	38.12	-17.49	74.0	35.88	Peak	101.00	400	Horizontal	Pass
1**	1407.700	29.06	-17.49	54.0	24.94	AV	101.00	400	Horizontal	Pass
2	2753.900	43.16	-11.73	74.0	30.84	Peak	271.00	300	Horizontal	Pass
2**	2753.900	33.88	-11.73	54.0	20.12	AV	271.00	300	Horizontal	Pass
3	4138.400	48.55	-8.97	74.0	25.45	Peak	143.00	200	Horizontal	Pass
3**	4138.400	39.02	-8.97	54.0	14.98	AV	143.00	200	Horizontal	Pass
4	5227.200	101.11	-6.13	--	--	Peak	185.00	200	Horizontal	N/A
4**	5227.200	93.63	-6.13	--	--	AV	185.00	200	Horizontal	N/A
5	8368.213	49.77	-2.99	74.0	24.23	Peak	235.00	150	Horizontal	Pass
5**	8368.213	42.78	-2.99	54.0	11.22	AV	235.00	150	Horizontal	Pass
6	11055.188	54.16	2.99	74.0	19.84	Peak	16.00	100	Horizontal	Pass
6**	11055.188	45.50	2.99	54.0	8.50	AV	16.00	100	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	1399.100	38.84	-17.69	74.0	35.16	Peak	244.00	400	Vertical	Pass
1**	1399.100	28.52	-17.69	54.0	25.48	AV	244.00	400	Vertical	Pass
2	2822.700	43.28	-12.26	74.0	30.72	Peak	77.00	400	Vertical	Pass
2**	2822.700	33.37	-12.26	54.0	20.63	AV	77.00	400	Vertical	Pass
3	4373.600	47.84	-8.01	74.0	26.16	Peak	328.00	200	Vertical	Pass
3**	4373.600	38.85	-8.01	54.0	15.15	AV	328.00	200	Vertical	Pass
4	5232.000	103.54	-6.11	--	--	Peak	184.00	400	Vertical	N/A
4**	5232.000	96.34	-6.11	--	--	AV	184.00	400	Vertical	N/A
5	8368.213	48.76	-2.99	74.0	25.24	Peak	38.00	150	Vertical	Pass
5**	8368.213	44.19	-2.99	54.0	9.81	AV	38.00	150	Vertical	Pass
6	11055.475	54.23	2.96	74.0	19.77	Peak	291.00	100	Vertical	Pass
6**	11055.475	45.18	2.96	54.0	8.82	AV	291.00	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	1423.700	38.32	-17.52	74.0	35.68	Peak	157.00	100	Horizontal	Pass
1**	1423.700	28.73	-17.52	54.0	25.27	AV	157.00	100	Horizontal	Pass
2	2727.300	42.54	-12.50	74.0	31.46	Peak	29.00	100	Horizontal	Pass
2**	2727.300	32.79	-12.50	54.0	21.21	AV	29.00	100	Horizontal	Pass
3	4319.800	47.20	-8.08	74.0	26.80	Peak	78.00	150	Horizontal	Pass
3**	4319.800	37.47	-8.08	54.0	16.53	AV	78.00	150	Horizontal	Pass
4	5181.400	102.20	-6.57	--	--	Peak	181.00	300	Horizontal	N/A
4**	5181.400	95.00	-6.57	--	--	AV	181.00	300	Horizontal	N/A
5	8287.713	51.05	-3.47	74.0	22.95	Peak	239.00	150	Horizontal	Pass
5**	8287.713	44.14	-3.47	54.0	9.86	AV	239.00	150	Horizontal	Pass
6	11020.401	53.88	3.26	74.0	20.12	Peak	207.00	300	Horizontal	Pass
6**	11020.401	45.40	3.26	54.0	8.60	AV	207.00	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	1398.400	38.03	-17.47	74.0	35.97	Peak	156.00	100	Vertical	Pass
1**	1398.400	28.04	-17.47	54.0	25.96	AV	156.00	100	Vertical	Pass
2	2877.600	42.99	-11.33	74.0	31.01	Peak	254.00	400	Vertical	Pass
2**	2877.600	33.59	-11.33	54.0	20.41	AV	254.00	400	Vertical	Pass
3	4134.200	47.73	-9.20	74.0	26.27	Peak	38.00	100	Vertical	Pass
3**	4134.200	37.67	-9.20	54.0	16.33	AV	38.00	100	Vertical	Pass
4	5177.800	105.21	-6.63	--	--	Peak	184.00	100	Vertical	N/A
4**	5177.800	97.91	-6.63	--	--	AV	184.00	100	Vertical	N/A
5	8287.425	50.90	-3.47	74.0	23.10	Peak	243.00	150	Vertical	Pass
5**	8287.425	41.58	-3.47	54.0	12.42	AV	243.00	150	Vertical	Pass
6	11602.588	54.03	3.66	74.0	19.97	Peak	270.00	100	Vertical	Pass
6**	11602.588	45.60	3.66	54.0	8.40	AV	270.00	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	1363.700	38.13	-17.49	74.0	35.87	Peak	157.00	100	Horizontal	Pass
1**	1363.700	29.03	-17.49	54.0	24.97	AV	157.00	100	Horizontal	Pass
2	2765.200	42.95	-12.46	74.0	31.05	Peak	343.00	200	Horizontal	Pass
2**	2765.200	33.83	-12.46	54.0	20.17	AV	343.00	200	Horizontal	Pass
3	4233.400	47.57	-8.82	74.0	26.43	Peak	328.00	200	Horizontal	Pass
3**	4233.400	37.73	-8.82	54.0	16.27	AV	328.00	200	Horizontal	Pass
4	5222.000	104.11	-6.45	--	--	Peak	163.00	100	Horizontal	N/A
4**	5222.000	97.49	-6.45	--	--	AV	163.00	100	Horizontal	N/A
5	8352.112	48.41	-3.10	74.0	25.59	Peak	247.00	150	Horizontal	Pass
5**	8352.112	43.76	-3.10	54.0	10.24	AV	247.00	150	Horizontal	Pass
6	11603.162	55.08	3.62	74.0	18.92	Peak	247.00	100	Horizontal	Pass
6**	11603.162	45.55	3.62	54.0	8.45	AV	247.00	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	1382.400	38.10	-17.32	74.0	35.90	Peak	262.00	100	Vertical	Pass
1**	1382.400	28.95	-17.32	54.0	25.05	AV	262.00	100	Vertical	Pass
2	2861.700	42.93	-11.64	74.0	31.07	Peak	95.00	300	Vertical	Pass
2**	2861.700	33.43	-11.64	54.0	20.57	AV	95.00	300	Vertical	Pass
3	4370.200	47.38	-8.28	74.0	26.62	Peak	207.00	200	Vertical	Pass
3**	4370.200	37.50	-8.28	54.0	16.50	AV	207.00	200	Vertical	Pass
4	5222.000	106.37	-6.45	--	--	Peak	186.00	300	Vertical	N/A
4**	5222.000	99.55	-6.45	--	--	AV	186.00	300	Vertical	N/A
5	8352.400	47.55	-3.09	74.0	26.45	Peak	243.00	150	Vertical	Pass
5**	8352.400	43.90	-3.09	54.0	10.10	AV	243.00	150	Vertical	Pass
6	11029.313	54.38	2.77	74.0	19.62	Peak	191.00	100	Vertical	Pass
6**	11029.313	45.12	2.77	54.0	8.88	AV	191.00	100	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	1373.700	37.85	-17.75	74.0	36.15	Peak	224.00	300	Horizontal	Pass
1**	1373.700	28.44	-17.75	54.0	25.56	AV	224.00	300	Horizontal	Pass
2	2753.600	43.20	-11.77	74.0	30.80	Peak	71.00	300	Horizontal	Pass
2**	2753.600	33.44	-11.77	54.0	20.56	AV	71.00	300	Horizontal	Pass
3	4138.000	47.72	-8.81	74.0	26.28	Peak	305.00	150	Horizontal	Pass
3**	4138.000	38.21	-8.81	54.0	15.79	AV	305.00	150	Horizontal	Pass
4	5237.200	102.27	-6.36	--	--	Peak	181.00	400	Horizontal	Pass
4**	5237.200	94.60	-6.36	--	--	AV	181.00	400	Horizontal	N/A
5	8378.563	49.30	-2.96	74.0	24.70	Peak	106.00	150	Horizontal	Pass
5**	8378.563	39.73	-2.96	54.0	14.27	AV	106.00	150	Horizontal	Pass
6	11026.150	54.21	2.94	74.0	19.79	Peak	110.00	400	Horizontal	Pass
6**	11026.150	45.68	2.94	54.0	8.32	AV	110.00	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	1310.400	38.23	-17.74	74.0	35.77	Peak	133.00	400	Vertical	Pass
1**	1310.400	28.95	-17.74	54.0	25.05	AV	133.00	400	Vertical	Pass
2	2764.000	43.01	-12.03	74.0	30.99	Peak	298.00	400	Vertical	Pass
2**	2764.000	33.78	-12.03	54.0	20.22	AV	298.00	400	Vertical	Pass
3	4119.200	47.09	-9.22	74.0	26.91	Peak	0.00	100	Vertical	Pass
3**	4119.200	38.38	-9.22	54.0	15.62	AV	0.00	100	Vertical	Pass
4	5243.400	106.09	-6.73	--	--	Peak	185.00	200	Vertical	N/A
4**	5243.400	97.53	-6.73	--	--	AV	185.00	200	Vertical	N/A
5	8384.312	47.76	-2.86	74.0	26.24	Peak	211.00	150	Vertical	Pass
5**	8384.312	43.81	-2.86	54.0	10.19	AV	211.00	150	Vertical	Pass
6	11042.537	54.19	3.11	74.0	19.81	Peak	211.00	200	Vertical	Pass
6**	11042.537	45.81	3.11	54.0	8.19	AV	211.00	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	1345.800	38.10	-17.19	74.0	35.90	Peak	37.00	400	Horizontal	Pass
1**	1345.800	28.17	-17.19	54.0	25.83	AV	37.00	400	Horizontal	Pass
2	2743.000	42.89	-11.43	74.0	31.11	Peak	266.00	100	Horizontal	Pass
2**	2743.000	33.66	-11.43	54.0	20.34	AV	266.00	100	Horizontal	Pass
3	4137.600	47.52	-8.87	74.0	26.48	Peak	360.00	150	Horizontal	Pass
3**	4137.600	38.82	-8.87	54.0	15.18	AV	360.00	150	Horizontal	Pass
4	5191.800	99.15	-6.33	--	--	Peak	182.00	200	Horizontal	N/A
4**	5191.800	92.00	-6.33	--	--	AV	182.00	200	Horizontal	N/A
5	8304.388	51.46	-3.35	74.0	22.54	Peak	246.00	150	Horizontal	Pass
5**	8304.388	47.10	-3.35	54.0	6.90	AV	246.00	150	Horizontal	Pass
6	11600.287	54.45	3.81	74.0	19.55	Peak	360.00	300	Horizontal	Pass
6**	11600.287	45.72	3.81	54.0	8.28	AV	360.00	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	1424.800	38.54	-18.16	74.0	35.46	Peak	55.00	200	Vertical	Pass
1**	1424.800	28.50	-18.16	54.0	25.50	AV	55.00	200	Vertical	Pass
2	2742.800	43.09	-11.47	74.0	30.91	Peak	343.00	100	Vertical	Pass
2**	2742.800	33.91	-11.47	54.0	20.09	AV	343.00	100	Vertical	Pass
3	4141.400	47.58	-9.11	74.0	26.42	Peak	184.00	200	Vertical	Pass
3**	4141.400	38.19	-9.11	54.0	15.81	AV	184.00	200	Vertical	Pass
4	5191.800	102.39	-6.33	--	--	Peak	184.00	300	Vertical	N/A
4**	5191.800	94.61	-6.33	--	--	AV	184.00	300	Vertical	N/A
5	8303.813	51.63	-3.36	74.0	22.37	Peak	247.00	150	Vertical	Pass
5**	8303.813	45.64	-3.36	54.0	8.36	AV	247.00	150	Vertical	Pass
6	11606.612	54.03	3.39	74.0	19.97	Peak	71.00	300	Vertical	Pass
6**	11606.612	45.53	3.39	54.0	8.47	AV	71.00	300	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	1383.200	37.97	-17.27	74.0	36.03	Peak	107.00	100	Horizontal	Pass
1**	1383.200	29.15	-17.27	54.0	24.85	AV	107.00	100	Horizontal	Pass
2	2834.500	43.83	-12.10	74.0	30.17	Peak	219.00	100	Horizontal	Pass
2**	2834.500	33.53	-12.10	54.0	20.47	AV	219.00	100	Horizontal	Pass
3	4133.600	47.99	-9.09	74.0	26.01	Peak	82.00	100	Horizontal	Pass
3**	4133.600	38.09	-9.09	54.0	15.91	AV	82.00	100	Horizontal	Pass
4	5227.800	98.86	-5.99	--	--	Peak	167.00	100	Horizontal	N/A
4**	5227.800	91.73	-5.99	--	--	AV	167.00	100	Horizontal	N/A
5	8368.213	47.98	-2.99	74.0	26.02	Peak	205.00	150	Horizontal	Pass
5**	8368.213	43.35	-2.99	54.0	10.65	AV	205.00	150	Horizontal	Pass
6	11601.724	54.22	3.71	74.0	19.78	Peak	318.00	200	Horizontal	Pass
6**	11601.724	45.67	3.71	54.0	8.33	AV	318.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.300	38.36	-17.44	74.0	35.64	Peak	267.00	300	Vertical	Pass
1**	1388.300	28.77	-17.44	54.0	25.23	AV	267.00	300	Vertical	Pass
2	2807.000	43.28	-12.06	74.0	30.72	Peak	279.00	400	Vertical	Pass
2**	2807.000	33.26	-12.06	54.0	20.74	AV	279.00	400	Vertical	Pass
3	4349.400	47.29	-8.32	74.0	26.71	Peak	141.00	150	Vertical	Pass
3**	4349.400	38.21	-8.32	54.0	15.79	AV	141.00	150	Vertical	Pass
4	5228.400	103.52	-5.97	--	--	Peak	181.00	100	Vertical	N/A
4**	5228.400	96.44	-5.97	--	--	AV	181.00	100	Vertical	N/A
5	8367.925	50.33	-2.99	74.0	23.67	Peak	247.00	150	Vertical	Pass
5**	8367.925	43.54	-2.99	54.0	10.46	AV	247.00	150	Vertical	Pass
6	11146.900	54.26	0.74	74.0	19.74	Peak	258.00	100	Vertical	Pass
6**	11146.900	44.11	0.74	54.0	9.89	AV	258.00	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	1408.200	38.66	-17.24	74.0	35.34	Peak	268.00	400	Horizontal	Pass
1**	1408.200	29.17	-17.24	54.0	24.83	AV	268.00	400	Horizontal	Pass
2	2747.100	43.20	-11.58	74.0	30.80	Peak	203.00	200	Horizontal	Pass
2**	2747.100	33.85	-11.58	54.0	20.15	AV	203.00	200	Horizontal	Pass
3	4146.400	47.40	-8.88	74.0	26.60	Peak	59.00	150	Horizontal	Pass
3**	4146.400	37.92	-8.88	54.0	16.08	AV	59.00	150	Horizontal	Pass
4	5218.200	95.30	-6.32	--	--	Peak	183.00	400	Horizontal	N/A
4**	5218.200	87.65	-6.32	--	--	AV	183.00	400	Horizontal	N/A
5	8335.725	49.45	-2.96	74.0	24.55	Peak	236.00	150	Horizontal	Pass
5**	8335.725	42.58	-2.96	54.0	11.42	AV	236.00	150	Horizontal	Pass
6	11602.588	54.17	3.66	74.0	19.83	Peak	247.00	100	Horizontal	Pass
6**	11602.588	45.40	3.66	54.0	8.60	AV	247.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1390.200	38.04	-17.50	74.0	35.96	Peak	0.00	100	Vertical	Pass
1**	1390.200	29.25	-17.50	54.0	24.75	AV	0.00	100	Vertical	Pass
2	2839.300	43.25	-11.97	74.0	30.75	Peak	265.00	100	Vertical	Pass
2**	2839.300	33.59	-11.97	54.0	20.41	AV	265.00	100	Vertical	Pass
3	4101.800	47.22	-9.28	74.0	26.78	Peak	360.00	150	Vertical	Pass
3**	4101.800	37.94	-9.28	54.0	16.06	AV	360.00	150	Vertical	Pass
4	5227.800	100.13	-5.99	--	--	Peak	182.00	400	Vertical	N/A
4**	5227.800	91.90	-5.99	--	--	AV	182.00	400	Vertical	N/A
5	8336.300	48.99	-2.97	74.0	25.01	Peak	250.00	150	Vertical	Pass
5**	8336.300	46.91	-2.97	54.0	7.09	AV	250.00	150	Vertical	Pass
6	11045.987	54.88	3.31	74.0	19.12	Peak	47.00	100	Vertical	Pass
6**	11045.987	44.97	3.31	54.0	9.03	AV	47.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1393.300	38.51	-17.35	74.0	35.49	Peak	12.00	100	Horizontal	Pass
1**	1393.300	28.94	-17.35	54.0	25.06	AV	12.00	100	Horizontal	Pass
2	2838.000	43.13	-11.61	74.0	30.87	Peak	187.00	200	Horizontal	Pass
2**	2838.000	33.70	-11.61	54.0	20.30	AV	187.00	200	Horizontal	Pass
3	4175.200	47.69	-8.88	74.0	26.31	Peak	210.00	100	Horizontal	Pass
3**	4175.200	37.92	-8.88	54.0	16.08	AV	210.00	100	Horizontal	Pass
4	5261.800	102.21	-6.91	--	--	Peak	187.00	300	Horizontal	N/A
4**	5261.800	95.09	-6.91	--	--	AV	187.00	300	Horizontal	N/A
5	7455.112	50.34	-1.56	74.0	23.66	Peak	348.00	200	Horizontal	Pass
5**	7455.112	41.33	-1.56	54.0	12.67	AV	348.00	200	Horizontal	Pass
6	11608.625	54.24	3.25	74.0	19.76	Peak	223.00	400	Horizontal	Pass
6**	11608.625	44.97	3.25	54.0	9.03	AV	223.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1388.300	38.31	-17.44	74.0	35.69	Peak	256.00	300	Vertical	Pass
1**	1388.300	29.61	-17.44	54.0	24.39	AV	256.00	300	Vertical	Pass
2	2781.000	43.20	-11.92	74.0	30.80	Peak	48.00	200	Vertical	Pass
2**	2781.000	34.69	-11.92	54.0	19.31	AV	48.00	200	Vertical	Pass
3	4141.400	47.49	-9.11	74.0	26.51	Peak	182.00	150	Vertical	Pass
3**	4141.400	37.99	-9.11	54.0	16.01	AV	182.00	150	Vertical	Pass
4	5259.000	107.52	-6.79	--	--	Peak	182.00	400	Vertical	N/A
4**	5259.000	100.01	-6.79	--	--	AV	182.00	400	Vertical	N/A
5	8397.250	50.29	-2.49	74.0	23.71	Peak	67.00	150	Vertical	Pass
5**	8397.250	39.96	-2.49	54.0	14.04	AV	67.00	150	Vertical	Pass
6	11028.450	54.52	2.82	74.0	19.48	Peak	21.00	400	Vertical	Pass
6**	11028.450	45.35	2.82	54.0	8.65	AV	21.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1383.300	37.82	-17.29	74.0	36.18	Peak	35.00	100	Horizontal	Pass
1**	1383.300	28.78	-17.29	54.0	25.22	AV	35.00	100	Horizontal	Pass
2	2828.500	43.52	-12.03	74.0	30.48	Peak	80.00	400	Horizontal	Pass
2**	2828.500	33.89	-12.03	54.0	20.11	AV	80.00	400	Horizontal	Pass
3	4180.200	47.15	-9.56	74.0	26.85	Peak	60.00	150	Horizontal	Pass
3**	4180.200	38.09	-9.56	54.0	15.91	AV	60.00	150	Horizontal	Pass
4	5301.800	103.53	-6.57	--	--	Peak	165.00	100	Horizontal	N/A
4**	5301.800	96.19	-6.57	--	--	AV	165.00	100	Horizontal	N/A
5	7548.550	49.89	-2.21	74.0	24.11	Peak	15.00	150	Horizontal	Pass
5**	7548.550	41.17	-2.21	54.0	12.83	AV	15.00	150	Horizontal	Pass
6	11608.912	54.18	3.23	74.0	19.82	Peak	9.00	400	Horizontal	Pass
6**	11608.912	45.72	3.23	54.0	8.28	AV	9.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.900	38.64	-17.47	74.0	35.36	Peak	155.00	200	Vertical	Pass
1**	1343.900	28.78	-17.47	54.0	25.22	AV	155.00	200	Vertical	Pass
2	2771.800	43.27	-11.90	74.0	30.73	Peak	110.00	400	Vertical	Pass
2**	2771.800	33.96	-11.90	54.0	20.04	AV	110.00	400	Vertical	Pass
3	4118.000	47.71	-9.05	74.0	26.29	Peak	247.00	150	Vertical	Pass
3**	4118.000	38.11	-9.05	54.0	15.89	AV	247.00	150	Vertical	Pass
4	5302.200	107.74	-6.57	--	--	Peak	185.00	200	Vertical	N/A
4**	5302.200	99.96	-6.57	--	--	AV	185.00	200	Vertical	N/A
5	7592.250	50.25	-2.80	74.0	23.75	Peak	71.00	200	Vertical	Pass
5**	7592.250	40.82	-2.80	54.0	13.18	AV	71.00	200	Vertical	Pass
6	11600.862	54.22	3.77	74.0	19.78	Peak	143.00	300	Vertical	Pass
6**	11600.862	45.27	3.77	54.0	8.73	AV	143.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.400	38.18	-17.23	74.0	35.82	Peak	103.00	100	Horizontal	Pass
1**	1345.400	28.76	-17.23	54.0	25.24	AV	103.00	100	Horizontal	Pass
2	2742.500	42.82	-11.52	74.0	31.18	Peak	343.00	100	Horizontal	Pass
2**	2742.500	34.03	-11.52	54.0	19.97	AV	343.00	100	Horizontal	Pass
3	4135.200	47.75	-9.13	74.0	26.25	Peak	226.00	150	Horizontal	Pass
3**	4135.200	38.18	-9.13	54.0	15.82	AV	226.00	150	Horizontal	Pass
4	5317.000	102.25	-6.66	--	--	Peak	163.00	100	Horizontal	N/A
4**	5317.000	94.41	-6.66	--	--	AV	163.00	100	Horizontal	N/A
5	7458.275	50.27	-1.53	74.0	23.73	Peak	212.00	200	Horizontal	Pass
5**	7458.275	41.11	-1.53	54.0	12.89	AV	212.00	200	Horizontal	Pass
6	11027.875	54.50	2.85	74.0	19.50	Peak	0.00	400	Horizontal	Pass
6**	11027.875	45.08	2.85	54.0	8.92	AV	0.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.200	38.01	-17.31	74.0	35.99	Peak	38.00	200	Vertical	Pass
1**	1352.200	29.02	-17.31	54.0	24.98	AV	38.00	200	Vertical	Pass
2	2877.700	43.00	-11.34	74.0	31.00	Peak	49.00	300	Vertical	Pass
2**	2877.700	33.70	-11.34	54.0	20.30	AV	49.00	300	Vertical	Pass
3	4097.400	47.42	-9.05	74.0	26.58	Peak	78.00	100	Vertical	Pass
3**	4097.400	38.23	-9.05	54.0	15.77	AV	78.00	100	Vertical	Pass
4	5318.800	107.19	-6.83	--	--	Peak	181.00	200	Vertical	N/A
4**	5318.800	99.72	-6.83	--	--	AV	181.00	200	Vertical	N/A
5	7476.388	50.21	-1.55	74.0	23.79	Peak	149.00	150	Vertical	Pass
5**	7476.388	41.48	-1.55	54.0	12.52	AV	149.00	150	Vertical	Pass
6	11013.213	54.14	3.10	74.0	19.86	Peak	159.00	100	Vertical	Pass
6**	11013.213	43.81	3.10	54.0	10.19	AV	159.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1399.800	37.89	-17.75	74.0	36.11	Peak	147.00	100	Horizontal	Pass
1**	1399.800	28.64	-17.75	54.0	25.36	AV	147.00	100	Horizontal	Pass
2	2762.600	43.47	-12.47	74.0	30.53	Peak	0.00	400	Horizontal	Pass
2**	2762.600	33.63	-12.47	54.0	20.37	AV	0.00	400	Horizontal	Pass
3	4091.000	47.79	-9.09	74.0	26.21	Peak	224.00	200	Horizontal	Pass
3**	4091.000	37.96	-9.09	54.0	16.04	AV	224.00	200	Horizontal	Pass
4	5258.400	101.84	-7.16	--	--	Peak	182.00	400	Horizontal	N/A
4**	5258.400	93.52	-7.16	--	--	AV	182.00	400	Horizontal	N/A
5	7604.325	50.41	-2.70	74.0	23.59	Peak	230.00	100	Horizontal	Pass
5**	7604.325	41.12	-2.70	54.0	12.88	AV	230.00	100	Horizontal	Pass
6	11602.875	54.92	3.64	74.0	19.08	Peak	339.00	400	Horizontal	Pass
6**	11602.875	45.68	3.64	54.0	8.32	AV	339.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1357.100	38.59	-18.00	74.0	35.41	Peak	36.00	400	Vertical	Pass
1**	1357.100	28.77	-18.00	54.0	25.23	AV	36.00	400	Vertical	Pass
2	2747.300	42.81	-11.47	74.0	31.19	Peak	223.00	300	Vertical	Pass
2**	2747.300	34.75	-11.47	54.0	19.25	AV	223.00	300	Vertical	Pass
3	4153.200	47.54	-8.88	74.0	26.46	Peak	327.00	100	Vertical	Pass
3**	4153.200	37.60	-8.88	54.0	16.40	AV	327.00	100	Vertical	Pass
4	5261.400	106.69	-6.89	--	--	Peak	182.00	300	Vertical	N/A
4**	5261.400	98.80	-6.89	--	--	AV	182.00	300	Vertical	N/A
5	7454.825	49.98	-1.56	74.0	24.02	Peak	226.00	200	Vertical	Pass
5**	7454.825	41.68	-1.56	54.0	12.32	AV	226.00	200	Vertical	Pass
6	11047.137	54.16	3.38	74.0	19.84	Peak	79.00	100	Vertical	Pass
6**	11047.137	45.42	3.38	54.0	8.58	AV	79.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.100	38.41	-17.26	74.0	35.59	Peak	293.00	300	Horizontal	Pass
1**	1352.100	29.07	-17.26	54.0	24.93	AV	293.00	300	Horizontal	Pass
2	2771.800	43.40	-11.90	74.0	30.60	Peak	359.00	100	Horizontal	Pass
2**	2771.800	34.05	-11.90	54.0	19.95	AV	359.00	100	Horizontal	Pass
3	4211.000	47.72	-8.92	74.0	26.28	Peak	280.00	150	Horizontal	Pass
3**	4211.000	38.06	-8.92	54.0	15.94	AV	280.00	150	Horizontal	Pass
4	5302.400	101.07	-6.58	--	--	Peak	112.00	300	Horizontal	N/A
4**	5302.400	94.48	-6.58	--	--	AV	112.00	300	Horizontal	N/A
5	7464.600	50.42	-1.67	74.0	23.58	Peak	118.00	150	Horizontal	Pass
5**	7464.600	41.64	-1.67	54.0	12.36	AV	118.00	150	Horizontal	Pass
6	11034.776	54.75	2.84	74.0	19.25	Peak	198.00	300	Horizontal	Pass
6**	11034.776	46.35	2.84	54.0	7.65	AV	198.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1427.900	38.48	-17.73	68.2	29.72	Peak	83.00	400	Vertical	Pass
1**	1427.900	29.12	-17.73	--	-29.12	AV	83.00	400	Vertical	N/A
2	2861.900	43.07	-11.56	74.0	30.93	Peak	17.00	300	Vertical	Pass
2**	2861.900	34.24	-11.56	54.0	19.76	AV	17.00	300	Vertical	Pass
3	4374.400	47.75	-7.96	74.0	26.25	Peak	109.00	100	Vertical	Pass
3**	4374.400	38.87	-7.96	54.0	15.13	AV	109.00	100	Vertical	Pass
4	5298.800	105.31	-6.25	--	--	Peak	172.00	400	Vertical	N/A
4**	5298.800	98.14	-6.25	--	--	AV	172.00	400	Vertical	N/A
5	7507.725	50.20	-2.18	74.0	23.80	Peak	60.00	150	Vertical	Pass
5**	7507.725	41.21	-2.18	54.0	12.79	AV	60.00	150	Vertical	Pass
6	11042.250	54.78	3.09	74.0	19.22	Peak	321.00	300	Vertical	Pass
6**	11042.250	45.17	3.09	54.0	8.83	AV	321.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1364.400	38.19	-17.27	74.0	35.81	Peak	102.00	300	Horizontal	Pass
1**	1364.400	28.98	-17.27	54.0	25.02	AV	102.00	300	Horizontal	Pass
2	2794.100	42.98	-11.80	74.0	31.02	Peak	211.00	100	Horizontal	Pass
2**	2794.100	33.52	-11.80	54.0	20.48	AV	211.00	100	Horizontal	Pass
3	4276.400	47.58	-8.71	74.0	26.42	Peak	300.00	200	Horizontal	Pass
3**	4276.400	37.83	-8.71	54.0	16.17	AV	300.00	200	Horizontal	Pass
4	5318.400	101.96	-6.74	--	--	Peak	153.00	300	Horizontal	N/A
4**	5318.400	93.70	-6.74	--	--	AV	153.00	300	Horizontal	N/A
5	7619.562	50.68	-3.41	74.0	23.32	Peak	321.00	200	Horizontal	Pass
5**	7619.562	40.96	-3.41	54.0	13.04	AV	321.00	200	Horizontal	Pass
6	11050.013	54.11	3.55	74.0	19.89	Peak	285.00	100	Horizontal	Pass
6**	11050.013	46.01	3.55	54.0	7.99	AV	285.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1365.500	38.75	-17.84	74.0	35.25	Peak	94.00	300	Vertical	Pass
1**	1365.500	28.98	-17.84	54.0	25.02	AV	94.00	300	Vertical	Pass
2	2820.200	43.03	-11.85	74.0	30.97	Peak	0.00	100	Vertical	Pass
2**	2820.200	33.95	-11.85	54.0	20.05	AV	0.00	100	Vertical	Pass
3	4303.800	47.37	-8.24	74.0	26.63	Peak	342.00	150	Vertical	Pass
3**	4303.800	38.45	-8.24	54.0	15.55	AV	342.00	150	Vertical	Pass
4	5321.400	105.31	-6.77	--	--	Peak	150.00	300	Vertical	N/A
4**	5321.400	98.10	-6.77	--	--	AV	150.00	300	Vertical	N/A
5	7459.713	50.64	-1.52	74.0	23.36	Peak	166.00	200	Vertical	Pass
5**	7459.713	41.28	-1.52	54.0	12.72	AV	166.00	200	Vertical	Pass
6	11604.025	54.34	3.56	74.0	19.66	Peak	111.00	200	Vertical	Pass
6**	11604.025	45.74	3.56	54.0	8.26	AV	111.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1310.100	38.29	-17.68	74.0	35.71	Peak	241.00	200	Horizontal	Pass
1**	1310.100	29.13	-17.68	54.0	24.87	AV	241.00	200	Horizontal	Pass
2	2850.700	43.30	-11.58	74.0	30.70	Peak	219.00	100	Horizontal	Pass
2**	2850.700	33.57	-11.58	54.0	20.43	AV	219.00	100	Horizontal	Pass
3	4285.600	47.88	-8.42	74.0	26.12	Peak	256.00	150	Horizontal	Pass
3**	4285.600	37.49	-8.42	54.0	16.51	AV	256.00	150	Horizontal	Pass
4	5274.800	98.67	-6.93	--	--	Peak	149.00	300	Horizontal	N/A
4**	5274.800	91.06	-6.93	--	--	AV	149.00	300	Horizontal	N/A
5	8432.037	48.53	-2.39	74.0	25.47	Peak	199.00	150	Horizontal	Pass
5**	8432.037	43.56	-2.39	54.0	10.44	AV	199.00	150	Horizontal	Pass
6	11044.263	54.18	3.21	74.0	19.82	Peak	162.00	200	Horizontal	Pass
6**	11044.263	45.23	3.21	54.0	8.77	AV	162.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1381.400	38.60	-17.46	74.0	35.40	Peak	84.00	400	Vertical	Pass
1**	1381.400	28.88	-17.46	54.0	25.12	AV	84.00	400	Vertical	Pass
2	2813.100	43.18	-11.76	74.0	30.82	Peak	61.00	100	Vertical	Pass
2**	2813.100	33.51	-11.76	54.0	20.49	AV	61.00	100	Vertical	Pass
3	4300.600	48.12	-8.35	74.0	25.88	Peak	168.00	200	Vertical	Pass
3**	4300.600	37.78	-8.35	54.0	16.22	AV	168.00	200	Vertical	Pass
4	5268.200	102.18	-7.29	--	--	Peak	148.00	200	Vertical	N/A
4**	5268.200	94.20	-7.29	--	--	AV	148.00	200	Vertical	N/A
5	8432.325	49.32	-2.38	74.0	24.68	Peak	214.00	150	Vertical	Pass
5**	8432.325	46.27	-2.38	54.0	7.73	AV	214.00	150	Vertical	Pass
6	11602.013	54.35	3.70	74.0	19.65	Peak	123.00	300	Vertical	Pass
6**	11602.013	46.07	3.70	54.0	7.93	AV	123.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.500	38.25	-17.04	74.0	35.75	Peak	310.00	400	Horizontal	Pass
1**	1351.500	29.23	-17.04	54.0	24.77	AV	310.00	400	Horizontal	Pass
2	2760.500	44.45	-12.22	74.0	29.55	Peak	0.00	200	Horizontal	Pass
2**	2760.500	34.06	-12.22	54.0	19.94	AV	0.00	200	Horizontal	Pass
3	4285.200	47.96	-8.43	74.0	26.04	Peak	54.00	200	Horizontal	Pass
3**	4285.200	38.17	-8.43	54.0	15.83	AV	54.00	200	Horizontal	Pass
4	5308.000	98.97	-6.25	--	--	Peak	117.00	400	Horizontal	N/A
4**	5308.000	91.14	-6.25	--	--	AV	117.00	400	Horizontal	N/A
5	7457.987	49.93	-1.54	74.0	24.07	Peak	270.00	100	Horizontal	Pass
5**	7457.987	41.80	-1.54	54.0	12.20	AV	270.00	100	Horizontal	Pass
6	11608.625	54.72	3.25	74.0	19.28	Peak	208.00	100	Horizontal	Pass
6**	11608.625	45.84	3.25	54.0	8.16	AV	208.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.400	38.94	-17.32	74.0	35.06	Peak	253.00	200	Vertical	Pass
1**	1353.400	29.56	-17.32	54.0	24.44	AV	253.00	200	Vertical	Pass
2	2731.100	43.51	-12.57	74.0	30.49	Peak	0.00	200	Vertical	Pass
2**	2731.100	33.05	-12.57	54.0	20.95	AV	0.00	200	Vertical	Pass
3	4117.200	47.35	-8.99	74.0	26.65	Peak	360.00	100	Vertical	Pass
3**	4117.200	38.33	-8.99	54.0	15.67	AV	360.00	100	Vertical	Pass
4	5307.800	102.95	-6.19	--	--	Peak	171.00	200	Vertical	N/A
4**	5307.800	95.29	-6.19	--	--	AV	171.00	200	Vertical	N/A
5	7463.162	50.45	-1.62	74.0	23.55	Peak	143.00	100	Vertical	Pass
5**	7463.162	41.67	-1.62	54.0	12.33	AV	143.00	100	Vertical	Pass
6	11075.888	54.14	1.99	74.0	19.86	Peak	236.00	400	Vertical	Pass
6**	11075.888	44.67	1.99	54.0	9.33	AV	236.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.800	37.97	-17.47	74.0	36.03	Peak	114.00	100	Horizontal	Pass
1**	1396.800	28.93	-17.47	54.0	25.07	AV	114.00	100	Horizontal	Pass
2	2769.600	42.82	-11.91	74.0	31.18	Peak	189.00	100	Horizontal	Pass
2**	2769.600	33.47	-11.91	54.0	20.53	AV	189.00	100	Horizontal	Pass
3	4101.000	47.73	-9.41	74.0	26.27	Peak	302.00	200	Horizontal	Pass
3**	4101.000	38.04	-9.41	54.0	15.96	AV	302.00	200	Horizontal	Pass
4	5261.600	101.56	-6.87	--	--	Peak	156.00	100	Horizontal	N/A
4**	5261.600	94.45	-6.87	--	--	AV	156.00	100	Horizontal	N/A
5	8415.938	49.53	-2.37	74.0	24.47	Peak	305.00	150	Horizontal	Pass
5**	8415.938	45.77	-2.37	54.0	8.23	AV	305.00	150	Horizontal	Pass
6	11607.763	54.82	3.31	74.0	19.18	Peak	335.00	400	Horizontal	Pass
6**	11607.763	45.31	3.31	54.0	8.69	AV	335.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1358.100	39.93	-17.21	74.0	34.07	Peak	268.00	300	Vertical	Pass
1**	1358.100	29.16	-17.21	54.0	24.84	AV	268.00	300	Vertical	Pass
2	2864.000	43.03	-11.58	74.0	30.97	Peak	0.00	100	Vertical	Pass
2**	2864.000	33.70	-11.58	54.0	20.30	AV	0.00	100	Vertical	Pass
3	4329.200	47.34	-7.69	74.0	26.66	Peak	136.00	150	Vertical	Pass
3**	4329.200	38.23	-7.69	54.0	15.77	AV	136.00	150	Vertical	Pass
4	5259.000	105.07	-6.79	--	--	Peak	178.00	200	Vertical	N/A
4**	5259.000	98.39	-6.79	--	--	AV	178.00	200	Vertical	N/A
5	8416.225	50.25	-2.37	74.0	23.75	Peak	230.00	150	Vertical	Pass
5**	8416.225	46.31	-2.37	54.0	7.69	AV	230.00	150	Vertical	Pass
6	11032.475	54.21	2.79	74.0	19.79	Peak	184.00	100	Vertical	Pass
6**	11032.475	45.50	2.79	54.0	8.50	AV	184.00	100	Vertical	Pass

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

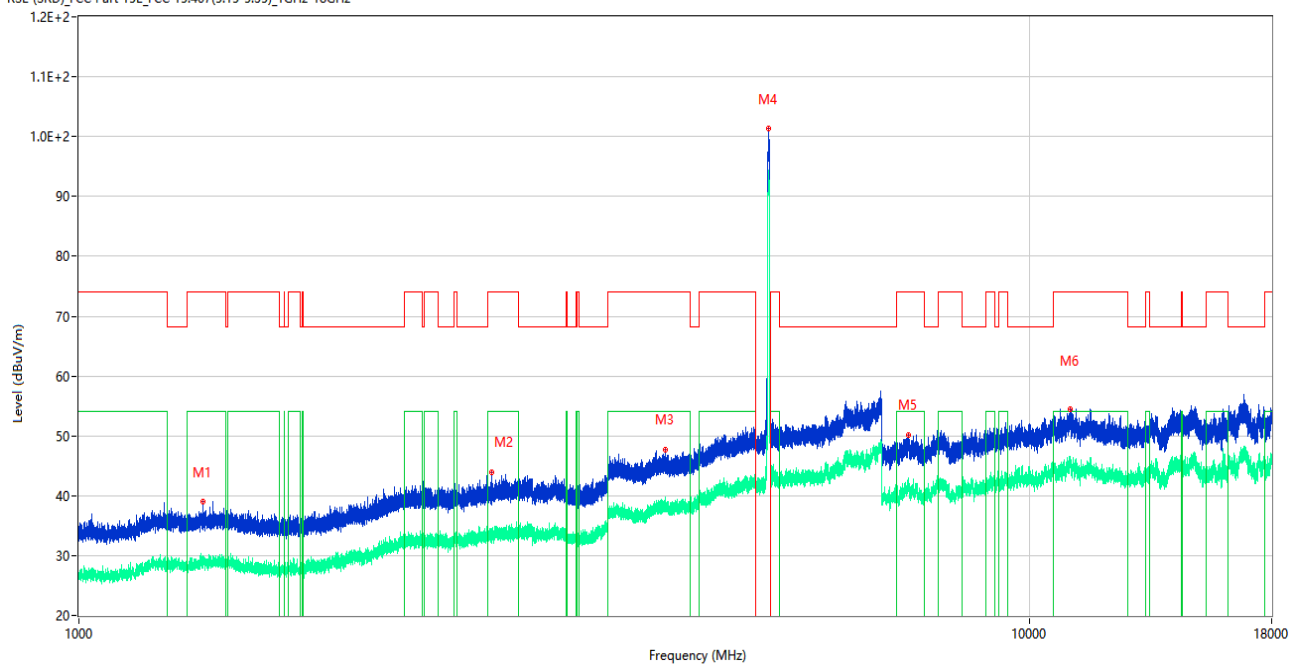
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1376.700	37.86	-17.39	74.0	36.14	Peak	0.00	300	Horizontal	Pass
1**	1376.700	29.84	-17.39	54.0	24.16	AV	0.00	300	Horizontal	Pass
2	2752.500	43.01	-11.73	74.0	30.99	Peak	0.00	400	Horizontal	Pass
2**	2752.500	34.40	-11.73	54.0	19.60	AV	0.00	400	Horizontal	Pass
3	4318.200	47.51	-7.93	74.0	26.49	Peak	0.00	100	Horizontal	Pass
3**	4318.200	38.96	-7.93	54.0	15.04	AV	0.00	100	Horizontal	Pass
4	5298.400	102.19	-6.32	--	--	Peak	155.00	400	Horizontal	N/A
4**	5298.400	94.01	-6.32	--	--	AV	155.00	400	Horizontal	N/A
5	7543.088	51.33	-2.53	74.0	22.67	Peak	64.00	200	Horizontal	Pass
5**	7543.088	40.48	-2.53	54.0	13.52	AV	64.00	200	Horizontal	Pass
6	11027.013	54.66	2.89	74.0	19.34	Peak	80.00	200	Horizontal	Pass
6**	11027.013	45.11	2.89	54.0	8.89	AV	80.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1348.700	38.02	-17.62	74.0	35.98	Peak	192.00	300	Vertical	Pass
1**	1348.700	30.09	-17.62	54.0	23.91	AV	192.00	300	Vertical	Pass
2	2783.700	43.11	-12.06	74.0	30.89	Peak	72.00	400	Vertical	Pass
2**	2783.700	34.01	-12.06	54.0	19.99	AV	72.00	400	Vertical	Pass
3	4080.200	47.46	-8.86	74.0	26.54	Peak	95.00	200	Vertical	Pass
3**	4080.200	37.95	-8.86	54.0	16.05	AV	95.00	200	Vertical	Pass
4	5298.400	105.97	-6.32	--	--	Peak	157.00	100	Vertical	N/A
4**	5298.400	96.78	-6.32	--	--	AV	157.00	100	Vertical	N/A
5	7411.700	50.70	-1.28	74.0	23.30	Peak	223.00	100	Vertical	Pass
5**	7411.700	41.22	-1.28	54.0	12.78	AV	223.00	100	Vertical	Pass
6	11616.099	54.92	3.13	74.0	19.08	Peak	188.00	100	Vertical	Pass
6**	11616.099	45.36	3.13	54.0	8.64	AV	188.00	100	Vertical	Pass

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.400	39.00	-17.10	74.0	35.00	Peak	197.00	100	Horizontal	Pass
1**	1351.400	29.00	-17.10	54.0	25.00	AV	197.00	100	Horizontal	Pass
2	2716.300	43.95	-13.06	74.0	30.05	Peak	220.00	100	Horizontal	Pass
2**	2716.300	34.08	-13.06	54.0	19.92	AV	220.00	100	Horizontal	Pass
3	4139.400	47.73	-9.27	74.0	26.27	Peak	281.00	150	Horizontal	Pass
3**	4139.400	38.29	-9.27	54.0	15.71	AV	281.00	150	Horizontal	Pass
4	5318.200	101.34	-6.79	--	--	Peak	156.00	200	Horizontal	N/A
4**	5318.200	94.05	-6.79	--	--	AV	156.00	200	Horizontal	N/A
5	7468.625	50.18	-1.80	74.0	23.82	Peak	49.00	100	Horizontal	Pass
5**	7468.625	41.10	-1.80	54.0	12.90	AV	49.00	100	Horizontal	Pass
6	11036.500	54.49	2.88	74.0	19.51	Peak	184.00	200	Horizontal	Pass
6**	11036.500	46.40	2.88	54.0	7.60	AV	184.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1407.800	38.68	-17.44	74.0	35.32	Peak	126.00	100	Vertical	Pass
1**	1407.800	29.20	-17.44	54.0	24.80	AV	126.00	100	Vertical	Pass
2	2725.800	43.77	-12.30	74.0	30.23	Peak	158.00	400	Vertical	Pass
2**	2725.800	33.42	-12.30	54.0	20.58	AV	158.00	400	Vertical	Pass
3	4141.000	47.47	-9.14	74.0	26.53	Peak	54.00	200	Vertical	Pass
3**	4141.000	37.96	-9.14	54.0	16.04	AV	54.00	200	Vertical	Pass
4	5321.800	105.70	-6.60	--	--	Peak	157.00	300	Vertical	N/A
4**	5321.800	98.46	-6.60	--	--	AV	157.00	300	Vertical	N/A
5	7454.825	50.11	-1.56	74.0	23.89	Peak	101.00	100	Vertical	Pass
5**	7454.825	41.78	-1.56	54.0	12.22	AV	101.00	100	Vertical	Pass
6	11180.250	54.25	0.94	74.0	19.75	Peak	324.00	100	Vertical	Pass
6**	11180.250	43.90	0.94	54.0	10.10	AV	324.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.500	38.32	-17.42	74.0	35.68	Peak	197.00	300	Horizontal	Pass
1**	1352.500	28.28	-17.42	54.0	25.72	AV	197.00	300	Horizontal	Pass
2	2751.500	43.81	-12.11	74.0	30.19	Peak	186.00	300	Horizontal	Pass
2**	2751.500	34.36	-12.11	54.0	19.64	AV	186.00	300	Horizontal	Pass
3	4103.400	48.07	-9.15	74.0	25.93	Peak	197.00	200	Horizontal	Pass
3**	4103.400	37.77	-9.15	54.0	16.23	AV	197.00	200	Horizontal	Pass
4	5268.000	97.97	-7.22	--	--	Peak	135.00	300	Horizontal	N/A
4**	5268.000	90.37	-7.22	--	--	AV	135.00	300	Horizontal	N/A
5	8402.713	50.25	-2.37	74.0	23.75	Peak	251.00	150	Horizontal	Pass
5**	8402.713	40.87	-2.37	54.0	13.13	AV	251.00	150	Horizontal	Pass
6	11585.050	54.43	3.49	74.0	19.57	Peak	194.00	200	Horizontal	Pass
6**	11585.050	44.76	3.49	54.0	9.24	AV	194.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1380.100	38.06	-17.59	74.0	35.94	Peak	213.00	300	Vertical	Pass
1**	1380.100	28.74	-17.59	54.0	25.26	AV	213.00	300	Vertical	Pass
2	2864.400	43.27	-11.47	74.0	30.73	Peak	356.00	200	Vertical	Pass
2**	2864.400	34.12	-11.47	54.0	19.88	AV	356.00	200	Vertical	Pass
3	4374.400	47.56	-7.96	74.0	26.44	Peak	52.00	150	Vertical	Pass
3**	4374.400	38.90	-7.96	54.0	15.10	AV	52.00	150	Vertical	Pass
4	5273.400	102.42	-7.34	--	--	Peak	155.00	300	Vertical	N/A
4**	5273.400	93.85	-7.34	--	--	AV	155.00	300	Vertical	N/A
5	8432.325	49.41	-2.38	74.0	24.59	Peak	245.00	150	Vertical	Pass
5**	8432.325	46.21	-2.38	54.0	7.79	AV	245.00	150	Vertical	Pass
6	11038.800	54.85	2.93	74.0	19.15	Peak	281.00	100	Vertical	Pass
6**	11038.800	45.96	2.93	54.0	8.04	AV	281.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1334.000	38.15	-17.94	74.0	35.85	Peak	206.00	100	Horizontal	Pass
1**	1334.000	28.53	-17.94	54.0	25.47	AV	206.00	100	Horizontal	Pass
2	2857.700	43.12	-11.76	74.0	30.88	Peak	0.00	400	Horizontal	Pass
2**	2857.700	33.11	-11.76	54.0	20.89	AV	0.00	400	Horizontal	Pass
3	4151.200	47.45	-9.02	74.0	26.55	Peak	55.00	200	Horizontal	Pass
3**	4151.200	37.85	-9.02	54.0	16.15	AV	55.00	200	Horizontal	Pass
4	5307.800	98.32	-6.19	--	--	Peak	157.00	400	Horizontal	N/A
4**	5307.800	90.87	-6.19	--	--	AV	157.00	400	Horizontal	N/A
5	7467.475	50.74	-1.76	74.0	23.26	Peak	134.00	200	Horizontal	Pass
5**	7467.475	41.73	-1.76	54.0	12.27	AV	134.00	200	Horizontal	Pass
6	11022.125	54.41	3.16	74.0	19.59	Peak	129.00	300	Horizontal	Pass
6**	11022.125	44.97	3.16	54.0	9.03	AV	129.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1364.700	38.25	-17.51	74.0	35.75	Peak	41.00	100	Vertical	Pass
1**	1364.700	28.96	-17.51	54.0	25.04	AV	41.00	100	Vertical	Pass
2	2743.100	43.82	-11.49	74.0	30.18	Peak	0.00	400	Vertical	Pass
2**	2743.100	34.59	-11.49	54.0	19.41	AV	0.00	400	Vertical	Pass
3	4093.400	47.23	-9.37	74.0	26.77	Peak	116.00	100	Vertical	Pass
3**	4093.400	38.20	-9.37	54.0	15.80	AV	116.00	100	Vertical	Pass
4	5315.600	102.42	-6.58	--	--	Peak	157.00	300	Vertical	N/A
4**	5315.600	93.81	-6.58	--	--	AV	157.00	300	Vertical	N/A
5	7437.862	50.86	-1.52	74.0	23.14	Peak	55.00	100	Vertical	Pass
5**	7437.862	41.36	-1.52	54.0	12.64	AV	55.00	100	Vertical	Pass
6	11030.462	54.44	2.74	74.0	19.56	Peak	158.00	200	Vertical	Pass
6**	11030.462	45.61	2.74	54.0	8.39	AV	158.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.000	38.38	-17.69	74.0	35.62	Peak	247.00	100	Horizontal	Pass
1**	1396.000	28.57	-17.69	54.0	25.43	AV	247.00	100	Horizontal	Pass
2	2804.100	43.22	-12.01	74.0	30.78	Peak	344.00	400	Horizontal	Pass
2**	2804.100	33.72	-12.01	54.0	20.28	AV	344.00	400	Horizontal	Pass
3	4165.000	47.51	-8.55	74.0	26.49	Peak	115.00	200	Horizontal	Pass
3**	4165.000	38.10	-8.55	54.0	15.90	AV	115.00	200	Horizontal	Pass
4	5287.800	94.97	-6.40	--	--	Peak	115.00	400	Horizontal	N/A
4**	5287.800	88.07	-6.40	--	--	AV	115.00	400	Horizontal	N/A
5	7462.013	50.17	-1.58	74.0	23.83	Peak	15.00	150	Horizontal	Pass
5**	7462.013	41.91	-1.58	54.0	12.09	AV	15.00	150	Horizontal	Pass
6	11616.099	54.20	3.13	74.0	19.80	Peak	57.00	400	Horizontal	Pass
6**	11616.099	45.29	3.13	54.0	8.71	AV	57.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1374.000	38.30	-17.76	74.0	35.70	Peak	18.00	100	Vertical	Pass
1**	1374.000	28.09	-17.76	54.0	25.91	AV	18.00	100	Vertical	Pass
2	2819.900	43.61	-11.85	74.0	30.39	Peak	71.00	200	Vertical	Pass
2**	2819.900	34.11	-11.85	54.0	19.89	AV	71.00	200	Vertical	Pass
3	4309.200	48.72	-8.01	74.0	25.28	Peak	238.00	200	Vertical	Pass
3**	4309.200	38.12	-8.01	54.0	15.88	AV	238.00	200	Vertical	Pass
4	5299.400	99.31	-6.35	--	--	Peak	155.00	200	Vertical	N/A
4**	5299.400	91.52	-6.35	--	--	AV	155.00	200	Vertical	N/A
5	7455.688	50.33	-1.55	74.0	23.67	Peak	230.00	150	Vertical	Pass
5**	7455.688	41.77	-1.55	54.0	12.23	AV	230.00	150	Vertical	Pass
6	11600.575	54.58	3.79	74.0	19.42	Peak	29.00	200	Vertical	Pass
6**	11600.575	45.28	3.79	54.0	8.72	AV	29.00	200	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.900	38.12	-17.36	74.0	35.88	Peak	50.00	400	Horizontal	Pass
1**	1352.900	29.17	-17.36	54.0	24.83	AV	50.00	400	Horizontal	Pass
2	2861.900	43.15	-11.56	74.0	30.85	Peak	6.00	400	Horizontal	Pass
2**	2861.900	34.20	-11.56	54.0	19.80	AV	6.00	400	Horizontal	Pass
3	4140.200	47.48	-9.18	74.0	26.52	Peak	155.00	100	Horizontal	Pass
3**	4140.200	37.51	-9.18	54.0	16.49	AV	155.00	100	Horizontal	Pass
4	5498.800	103.72	-6.55	--	--	Peak	322.00	300	Horizontal	N/A
4**	5498.800	96.15	-6.55	--	--	AV	322.00	300	Horizontal	N/A
5	7448.212	50.22	-1.59	74.0	23.78	Peak	61.00	150	Horizontal	Pass
5**	7448.212	42.42	-1.59	54.0	11.58	AV	61.00	150	Horizontal	Pass
6	11071.287	54.47	2.05	74.0	19.53	Peak	24.00	200	Horizontal	Pass
6**	11071.287	44.53	2.05	54.0	9.47	AV	24.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1373.800	38.09	-17.75	74.0	35.91	Peak	323.00	100	Vertical	Pass
1**	1373.800	28.42	-17.75	54.0	25.58	AV	323.00	100	Vertical	Pass
2	2861.700	43.03	-11.64	74.0	30.97	Peak	0.00	300	Vertical	Pass
2**	2861.700	34.58	-11.64	54.0	19.42	AV	0.00	300	Vertical	Pass
3	4195.000	47.65	-9.34	74.0	26.35	Peak	342.00	150	Vertical	Pass
3**	4195.000	37.74	-9.34	54.0	16.26	AV	342.00	150	Vertical	Pass
4	5501.400	107.18	-6.37	--	--	Peak	157.00	300	Vertical	N/A
4**	5501.400	99.97	-6.37	--	--	AV	157.00	300	Vertical	N/A
5	7455.112	50.90	-1.56	74.0	23.10	Peak	74.00	100	Vertical	Pass
5**	7455.112	42.00	-1.56	54.0	12.00	AV	74.00	100	Vertical	Pass
6	11043.112	54.39	3.14	74.0	19.61	Peak	146.00	400	Vertical	Pass
6**	11043.112	45.10	3.14	54.0	8.90	AV	146.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1399.200	38.67	-17.72	74.0	35.33	Peak	61.00	200	Horizontal	Pass
1**	1399.200	28.45	-17.72	54.0	25.55	AV	61.00	200	Horizontal	Pass
2	2774.700	42.91	-12.13	74.0	31.09	Peak	17.00	300	Horizontal	Pass
2**	2774.700	33.31	-12.13	54.0	20.69	AV	17.00	300	Horizontal	Pass
3	4198.000	47.74	-9.38	74.0	26.26	Peak	199.00	200	Horizontal	Pass
3**	4198.000	37.57	-9.38	54.0	16.43	AV	199.00	200	Horizontal	Pass
4	5581.400	105.55	-6.73	--	--	Peak	322.00	200	Horizontal	N/A
4**	5581.400	97.31	-6.73	--	--	AV	322.00	200	Horizontal	N/A
5	7451.663	50.57	-1.59	74.0	23.43	Peak	100.00	100	Horizontal	Pass
5**	7451.663	40.97	-1.59	54.0	13.03	AV	100.00	100	Horizontal	Pass
6	11040.812	54.59	3.01	74.0	19.41	Peak	189.00	200	Horizontal	Pass
6**	11040.812	44.99	3.01	54.0	9.01	AV	189.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1411.000	37.93	-18.26	74.0	36.07	Peak	17.00	300	Vertical	Pass
1**	1411.000	27.93	-18.26	54.0	26.07	AV	17.00	300	Vertical	Pass
2	2743.600	43.35	-11.86	74.0	30.65	Peak	218.00	300	Vertical	Pass
2**	2743.600	33.28	-11.86	54.0	20.72	AV	218.00	300	Vertical	Pass
3	4224.000	47.56	-8.44	74.0	26.44	Peak	259.00	200	Vertical	Pass
3**	4224.000	37.70	-8.44	54.0	16.30	AV	259.00	200	Vertical	Pass
4	5582.000	107.77	-6.44	--	--	Peak	157.00	200	Vertical	N/A
4**	5582.000	100.24	-6.44	--	--	AV	157.00	200	Vertical	N/A
5	7418.313	50.07	-1.25	74.0	23.93	Peak	310.00	100	Vertical	Pass
5**	7418.313	41.07	-1.25	54.0	12.93	AV	310.00	100	Vertical	Pass
6	11592.526	53.90	3.74	74.0	20.10	Peak	269.00	400	Vertical	Pass
6**	11592.526	44.55	3.74	54.0	9.45	AV	269.00	400	Vertical	Pass

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

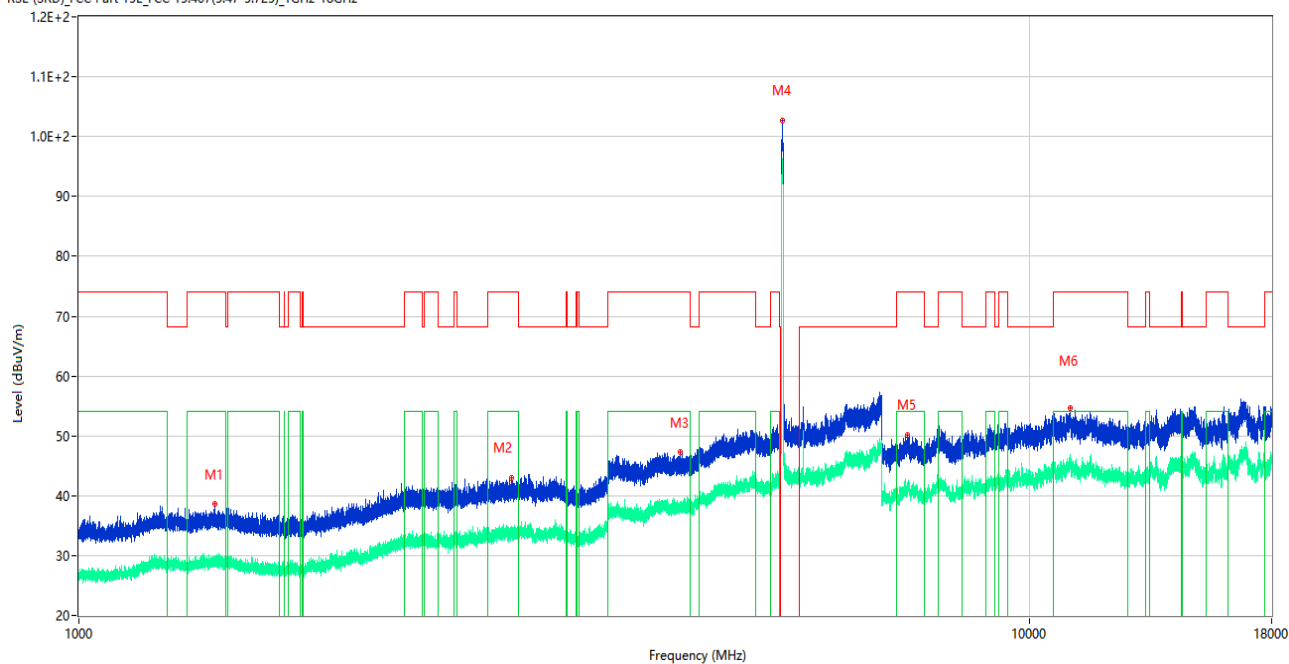
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1417.500	38.33	-17.51	74.0	35.67	Peak	195.00	300	Horizontal	Pass
1**	1417.500	29.51	-17.51	54.0	24.49	AV	195.00	300	Horizontal	Pass
2	2859.600	43.15	-11.74	74.0	30.85	Peak	161.00	400	Horizontal	Pass
2**	2859.600	34.17	-11.74	54.0	19.83	AV	161.00	400	Horizontal	Pass
3	4158.400	47.50	-9.21	74.0	26.50	Peak	0.00	100	Horizontal	Pass
3**	4158.400	38.34	-9.21	54.0	15.66	AV	0.00	100	Horizontal	Pass
4	5698.400	105.13	-5.73	--	--	Peak	323.00	100	Horizontal	N/A
4**	5698.400	96.73	-5.73	--	--	AV	323.00	100	Horizontal	N/A
5	7460.862	50.23	-1.55	74.0	23.77	Peak	232.00	100	Horizontal	Pass
5**	7460.862	42.10	-1.55	54.0	11.90	AV	232.00	100	Horizontal	Pass
6	11048.863	54.20	3.48	74.0	19.80	Peak	351.00	400	Horizontal	Pass
6**	11048.863	45.74	3.48	54.0	8.26	AV	351.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1385.800	38.32	-17.56	74.0	35.68	Peak	282.00	200	Vertical	Pass
1**	1385.800	29.29	-17.56	54.0	24.71	AV	282.00	200	Vertical	Pass
2	2747.400	43.15	-11.48	74.0	30.85	Peak	62.00	400	Vertical	Pass
2**	2747.400	34.28	-11.48	54.0	19.72	AV	62.00	400	Vertical	Pass
3	4211.800	47.75	-8.73	74.0	26.25	Peak	179.00	200	Vertical	Pass
3**	4211.800	37.35	-8.73	54.0	16.65	AV	179.00	200	Vertical	Pass
4	5699.000	107.42	-5.91	--	--	Peak	158.00	400	Vertical	N/A
4**	5699.000	99.79	-5.91	--	--	AV	158.00	400	Vertical	N/A
5	7447.925	51.19	-1.59	74.0	22.81	Peak	158.00	150	Vertical	Pass
5**	7447.925	42.05	-1.59	54.0	11.95	AV	158.00	150	Vertical	Pass
6	11031.900	54.48	2.77	74.0	19.52	Peak	346.00	400	Vertical	Pass
6**	11031.900	45.95	2.77	54.0	8.05	AV	346.00	400	Vertical	Pass

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1390.000	38.60	-17.48	74.0	35.40	Peak	139.00	400	Horizontal	Pass
1**	1390.000	29.00	-17.48	54.0	25.00	AV	139.00	400	Horizontal	Pass
2	2850.500	43.02	-11.72	74.0	30.98	Peak	241.00	300	Horizontal	Pass
2**	2850.500	33.31	-11.72	54.0	20.69	AV	241.00	300	Horizontal	Pass
3	4297.600	47.25	-8.27	74.0	26.75	Peak	146.00	150	Horizontal	Pass
3**	4297.600	38.38	-8.27	54.0	15.62	AV	146.00	150	Horizontal	Pass
4	5502.600	102.69	-6.71	--	--	Peak	321.00	300	Horizontal	N/A
4**	5502.600	94.99	-6.71	--	--	AV	321.00	300	Horizontal	N/A
5	7455.975	50.17	-1.55	74.0	23.83	Peak	111.00	100	Horizontal	Pass
5**	7455.975	41.33	-1.55	54.0	12.67	AV	111.00	100	Horizontal	Pass
6	11041.675	54.64	3.06	74.0	19.36	Peak	116.00	400	Horizontal	Pass
6**	11041.675	46.85	3.06	54.0	7.15	AV	116.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1358.600	39.02	-17.18	74.0	34.98	Peak	96.00	300	Vertical	Pass
1**	1358.600	28.64	-17.18	54.0	25.36	AV	96.00	300	Vertical	Pass
2	2717.700	44.15	-12.93	74.0	29.85	Peak	295.00	100	Vertical	Pass
2**	2717.700	32.75	-12.93	54.0	21.25	AV	295.00	100	Vertical	Pass
3	4367.400	47.42	-8.21	74.0	26.58	Peak	321.00	200	Vertical	Pass
3**	4367.400	37.65	-8.21	54.0	16.35	AV	321.00	200	Vertical	Pass
4	5501.200	106.93	-6.33	--	--	Peak	155.00	300	Vertical	N/A
4**	5501.200	99.12	-6.33	--	--	AV	155.00	300	Vertical	N/A
5	7447.925	50.53	-1.59	74.0	23.47	Peak	115.00	100	Vertical	Pass
5**	7447.925	40.81	-1.59	54.0	13.19	AV	115.00	100	Vertical	Pass
6	11620.987	54.07	3.10	74.0	19.93	Peak	130.00	100	Vertical	Pass
6**	11620.987	44.82	3.10	54.0	9.18	AV	130.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1402.300	38.13	-17.61	74.0	35.87	Peak	116.00	100	Horizontal	Pass
1**	1402.300	28.98	-17.61	54.0	25.02	AV	116.00	100	Horizontal	Pass
2	2803.100	43.25	-12.10	74.0	30.75	Peak	138.00	400	Horizontal	Pass
2**	2803.100	34.51	-12.10	54.0	19.49	AV	138.00	400	Horizontal	Pass
3	4125.000	47.90	-8.99	74.0	26.10	Peak	198.00	200	Horizontal	Pass
3**	4125.000	38.50	-8.99	54.0	15.50	AV	198.00	200	Horizontal	Pass
4	5581.800	104.00	-6.53	--	--	Peak	322.00	400	Horizontal	N/A
4**	5581.800	96.49	-6.53	--	--	AV	322.00	400	Horizontal	N/A
5	7466.038	50.25	-1.71	74.0	23.75	Peak	251.00	200	Horizontal	Pass
5**	7466.038	42.33	-1.71	54.0	11.67	AV	251.00	200	Horizontal	Pass
6	11514.325	53.92	2.89	74.0	20.08	Peak	30.00	400	Horizontal	Pass
6**	11514.325	44.61	2.89	54.0	9.39	AV	30.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1371.600	38.67	-17.37	74.0	35.33	Peak	38.00	300	Vertical	Pass
1**	1371.600	29.13	-17.37	54.0	24.87	AV	38.00	300	Vertical	Pass
2	2764.900	42.83	-12.29	74.0	31.17	Peak	16.00	200	Vertical	Pass
2**	2764.900	33.86	-12.29	54.0	20.14	AV	16.00	200	Vertical	Pass
3	4208.800	48.13	-9.00	74.0	25.87	Peak	219.00	200	Vertical	Pass
3**	4208.800	38.22	-9.00	54.0	15.78	AV	219.00	200	Vertical	Pass
4	5583.400	107.39	-6.53	--	--	Peak	157.00	200	Vertical	N/A
4**	5583.400	99.21	-6.53	--	--	AV	157.00	200	Vertical	N/A
5	7462.875	50.54	-1.61	74.0	23.46	Peak	278.00	200	Vertical	Pass
5**	7462.875	41.20	-1.61	54.0	12.80	AV	278.00	200	Vertical	Pass
6	10990.788	54.50	2.63	74.0	19.50	Peak	106.00	150	Vertical	Pass
6**	10990.788	44.38	2.63	54.0	9.62	AV	106.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1382.900	38.70	-17.25	74.0	35.30	Peak	0.00	300	Horizontal	Pass
1**	1382.900	29.50	-17.25	54.0	24.50	AV	0.00	300	Horizontal	Pass
2	2799.300	43.16	-11.87	74.0	30.84	Peak	268.00	200	Horizontal	Pass
2**	2799.300	34.02	-11.87	54.0	19.98	AV	268.00	200	Horizontal	Pass
3	4053.600	47.55	-9.02	74.0	26.45	Peak	0.00	100	Horizontal	Pass
3**	4053.600	38.51	-9.02	54.0	15.49	AV	0.00	100	Horizontal	Pass
4	5701.400	102.65	-5.96	--	--	Peak	323.00	400	Horizontal	N/A
4**	5701.400	95.62	-5.96	--	--	AV	323.00	400	Horizontal	N/A
5	7455.975	50.13	-1.55	74.0	23.87	Peak	145.00	150	Horizontal	Pass
5**	7455.975	41.94	-1.55	54.0	12.06	AV	145.00	150	Horizontal	Pass
6	11600.862	54.34	3.77	74.0	19.66	Peak	171.00	100	Horizontal	Pass
6**	11600.862	46.07	3.77	54.0	7.93	AV	171.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1404.100	38.71	-17.67	74.0	35.29	Peak	360.00	400	Vertical	Pass
1**	1404.100	28.73	-17.67	54.0	25.27	AV	360.00	400	Vertical	Pass
2	2745.700	44.96	-11.53	74.0	29.04	Peak	95.00	100	Vertical	Pass
2**	2745.700	33.60	-11.53	54.0	20.40	AV	95.00	100	Vertical	Pass
3	4328.400	47.71	-7.60	74.0	26.29	Peak	1.00	150	Vertical	Pass
3**	4328.400	38.58	-7.60	54.0	15.42	AV	1.00	150	Vertical	Pass
4	5697.600	106.44	-6.04	--	--	Peak	155.00	100	Vertical	N/A
4**	5697.600	98.67	-6.04	--	--	AV	155.00	100	Vertical	N/A
5	7457.700	50.46	-1.54	74.0	23.54	Peak	4.00	150	Vertical	Pass
5**	7457.700	41.87	-1.54	54.0	12.13	AV	4.00	150	Vertical	Pass
6	11615.237	54.65	3.13	74.0	19.35	Peak	350.00	400	Vertical	Pass
6**	11615.237	46.40	3.13	54.0	7.60	AV	350.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1353.500	38.20	-17.34	74.0	35.80	Peak	321.00	200	Horizontal	Pass
1**	1353.500	29.76	-17.34	54.0	24.24	AV	321.00	200	Horizontal	Pass
2	2739.700	44.07	-11.97	74.0	29.93	Peak	99.00	400	Horizontal	Pass
2**	2739.700	33.11	-11.97	54.0	20.89	AV	99.00	400	Horizontal	Pass
3	4052.400	47.24	-8.81	74.0	26.76	Peak	133.00	150	Horizontal	Pass
3**	4052.400	37.97	-8.81	54.0	16.03	AV	133.00	150	Horizontal	Pass
4	5512.000	100.34	-6.83	--	--	Peak	321.00	200	Horizontal	N/A
4**	5512.000	92.37	-6.83	--	--	AV	321.00	200	Horizontal	N/A
5	7456.838	50.14	-1.55	74.0	23.86	Peak	293.00	200	Horizontal	Pass
5**	7456.838	41.53	-1.55	54.0	12.47	AV	293.00	200	Horizontal	Pass
6	11189.162	54.55	1.21	74.0	19.45	Peak	10.00	100	Horizontal	Pass
6**	11189.162	44.40	1.21	54.0	9.60	AV	10.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.100	38.30	-17.48	74.0	35.70	Peak	240.00	100	Vertical	Pass
1**	1355.100	28.62	-17.48	54.0	25.38	AV	240.00	100	Vertical	Pass
2	2810.400	43.15	-11.91	74.0	30.85	Peak	351.00	200	Vertical	Pass
2**	2810.400	33.41	-11.91	54.0	20.59	AV	351.00	200	Vertical	Pass
3	4207.800	48.16	-9.07	74.0	25.84	Peak	142.00	100	Vertical	Pass
3**	4207.800	37.15	-9.07	54.0	16.85	AV	142.00	100	Vertical	Pass
4	5508.600	103.48	-6.97	--	--	Peak	142.00	300	Vertical	N/A
4**	5508.600	95.82	-6.97	--	--	AV	142.00	300	Vertical	N/A
5	7464.888	50.37	-1.68	74.0	23.63	Peak	162.00	200	Vertical	Pass
5**	7464.888	41.86	-1.68	54.0	12.14	AV	162.00	200	Vertical	Pass
6	11069.850	54.40	2.08	74.0	19.60	Peak	238.00	100	Vertical	Pass
6**	11069.850	44.84	2.08	54.0	9.16	AV	238.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1409.000	38.32	-17.36	74.0	35.68	Peak	221.00	300	Horizontal	Pass
1**	1409.000	29.36	-17.36	54.0	24.64	AV	221.00	300	Horizontal	Pass
2	2853.000	43.22	-11.82	74.0	30.78	Peak	7.00	100	Horizontal	Pass
2**	2853.000	33.28	-11.82	54.0	20.72	AV	7.00	100	Horizontal	Pass
3	4272.800	47.48	-8.85	74.0	26.52	Peak	281.00	100	Horizontal	Pass
3**	4272.800	37.79	-8.85	54.0	16.21	AV	281.00	100	Horizontal	Pass
4	5588.200	101.90	-6.17	--	--	Peak	321.00	400	Horizontal	N/A
4**	5588.200	94.21	-6.17	--	--	AV	321.00	400	Horizontal	N/A
5	7546.825	50.75	-2.31	74.0	23.25	Peak	45.00	150	Horizontal	Pass
5**	7546.825	41.05	-2.31	54.0	12.95	AV	45.00	150	Horizontal	Pass
6	11613.799	54.52	3.14	74.0	19.48	Peak	13.00	100	Horizontal	Pass
6**	11613.799	45.23	3.14	54.0	8.77	AV	13.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1345.800	38.78	-17.19	74.0	35.22	Peak	0.00	300	Vertical	Pass
1**	1345.800	29.26	-17.19	54.0	24.74	AV	0.00	300	Vertical	Pass
2	2764.100	42.90	-11.94	74.0	31.10	Peak	156.00	300	Vertical	Pass
2**	2764.100	34.41	-11.94	54.0	19.59	AV	156.00	300	Vertical	Pass
3	4294.800	47.37	-8.19	74.0	26.63	Peak	193.00	100	Vertical	Pass
3**	4294.800	38.75	-8.19	54.0	15.25	AV	193.00	100	Vertical	Pass
4	5588.200	105.51	-6.17	--	--	Peak	151.00	200	Vertical	N/A
4**	5588.200	98.36	-6.17	--	--	AV	151.00	200	Vertical	N/A
5	7605.188	50.29	-2.74	74.0	23.71	Peak	313.00	150	Vertical	Pass
5**	7605.188	40.67	-2.74	54.0	13.33	AV	313.00	150	Vertical	Pass
6	11040.238	54.58	2.97	74.0	19.42	Peak	183.00	300	Vertical	Pass
6**	11040.238	45.54	2.97	54.0	8.46	AV	183.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1404.300	38.16	-17.57	74.0	35.84	Peak	241.00	100	Horizontal	Pass
1**	1404.300	28.51	-17.57	54.0	25.49	AV	241.00	100	Horizontal	Pass
2	2793.800	42.95	-11.94	74.0	31.05	Peak	360.00	200	Horizontal	Pass
2**	2793.800	33.34	-11.94	54.0	20.66	AV	360.00	200	Horizontal	Pass
3	4104.000	47.30	-9.25	74.0	26.70	Peak	343.00	200	Horizontal	Pass
3**	4104.000	38.61	-9.25	54.0	15.39	AV	343.00	200	Horizontal	Pass
4	5664.600	101.43	-5.83	--	--	Peak	323.00	400	Horizontal	N/A
4**	5664.600	94.04	-5.83	--	--	AV	323.00	400	Horizontal	N/A
5	7407.963	50.03	-1.30	74.0	23.97	Peak	0.00	100	Horizontal	Pass
5**	7407.963	41.56	-1.30	54.0	12.44	AV	0.00	100	Horizontal	Pass
6	11601.724	54.26	3.71	74.0	19.74	Peak	66.00	100	Horizontal	Pass
6**	11601.724	44.92	3.71	54.0	9.08	AV	66.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.800	39.41	-17.11	74.0	34.59	Peak	227.00	100	Vertical	Pass
1**	1351.800	29.32	-17.11	54.0	24.68	AV	227.00	100	Vertical	Pass
2	2851.100	43.01	-11.41	74.0	30.99	Peak	315.00	400	Vertical	Pass
2**	2851.100	34.98	-11.41	54.0	19.02	AV	315.00	400	Vertical	Pass
3	4215.200	47.58	-8.64	74.0	26.42	Peak	342.00	150	Vertical	Pass
3**	4215.200	37.75	-8.64	54.0	16.25	AV	342.00	150	Vertical	Pass
4	5666.000	105.92	-5.82	--	--	Peak	153.00	200	Vertical	N/A
4**	5666.000	97.37	-5.82	--	--	AV	153.00	200	Vertical	N/A
5	7455.400	51.10	-1.56	74.0	22.90	Peak	129.00	150	Vertical	Pass
5**	7455.400	42.43	-1.56	54.0	11.57	AV	129.00	150	Vertical	Pass
6	11047.713	54.72	3.42	74.0	19.28	Peak	148.00	100	Vertical	Pass
6**	11047.713	45.59	3.42	54.0	8.41	AV	148.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1342.900	38.02	-17.89	74.0	35.98	Peak	0.00	100	Horizontal	Pass
1**	1342.900	28.18	-17.89	54.0	25.82	AV	0.00	100	Horizontal	Pass
2	2859.000	44.01	-11.86	74.0	29.99	Peak	226.00	400	Horizontal	Pass
2**	2859.000	33.81	-11.86	54.0	20.19	AV	226.00	400	Horizontal	Pass
3	4156.400	48.09	-9.09	74.0	25.91	Peak	113.00	150	Horizontal	Pass
3**	4156.400	38.61	-9.09	54.0	15.39	AV	113.00	150	Horizontal	Pass
4	5501.800	102.82	-6.52	--	--	Peak	302.00	400	Horizontal	N/A
4**	5501.800	95.90	-6.52	--	--	AV	302.00	400	Horizontal	N/A
5	7412.850	49.90	-1.28	74.0	24.10	Peak	251.00	100	Horizontal	Pass
5**	7412.850	41.58	-1.28	54.0	12.42	AV	251.00	100	Horizontal	Pass
6	11035.638	54.41	2.86	74.0	19.59	Peak	148.00	150	Horizontal	Pass
6**	11035.638	46.72	2.86	54.0	7.28	AV	148.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1372.700	38.06	-17.41	74.0	35.94	Peak	175.00	300	Vertical	Pass
1**	1372.700	28.65	-17.41	54.0	25.35	AV	175.00	300	Vertical	Pass
2	2794.700	43.68	-11.64	74.0	30.32	Peak	107.00	300	Vertical	Pass
2**	2794.700	33.69	-11.64	54.0	20.31	AV	107.00	300	Vertical	Pass
3	4125.600	47.36	-8.95	74.0	26.64	Peak	273.00	200	Vertical	Pass
3**	4125.600	38.06	-8.95	54.0	15.94	AV	273.00	200	Vertical	Pass
4	5501.600	107.26	-6.45	--	--	Peak	158.00	100	Vertical	N/A
4**	5501.600	99.25	-6.45	--	--	AV	158.00	100	Vertical	N/A
5	7455.688	49.93	-1.55	74.0	24.07	Peak	15.00	100	Vertical	Pass
5**	7455.688	42.70	-1.55	54.0	11.30	AV	15.00	100	Vertical	Pass
6	11036.500	55.41	2.88	74.0	18.59	Peak	63.00	300	Vertical	Pass
6**	11036.500	44.95	2.88	54.0	9.05	AV	63.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1415.200	38.17	-17.90	74.0	35.83	Peak	18.00	100	Horizontal	Pass
1**	1415.200	28.35	-17.90	54.0	25.65	AV	18.00	100	Horizontal	Pass
2	2838.000	43.56	-11.61	74.0	30.44	Peak	221.00	200	Horizontal	Pass
2**	2838.000	34.13	-11.61	54.0	19.87	AV	221.00	200	Horizontal	Pass
3	4277.800	47.85	-8.79	74.0	26.15	Peak	360.00	150	Horizontal	Pass
3**	4277.800	37.48	-8.79	54.0	16.52	AV	360.00	150	Horizontal	Pass
4	5582.000	103.68	-6.44	--	--	Peak	319.00	300	Horizontal	Pass
4**	5582.000	96.89	-6.44	--	--	AV	319.00	300	Horizontal	N/A
5	7460.862	50.25	-1.55	74.0	23.75	Peak	140.00	150	Horizontal	Pass
5**	7460.862	41.62	-1.55	54.0	12.38	AV	140.00	150	Horizontal	Pass
6	11047.713	54.36	3.42	74.0	19.64	Peak	335.00	400	Horizontal	Pass
6**	11047.713	45.95	3.42	54.0	8.05	AV	335.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1337.800	38.81	-17.50	74.0	35.19	Peak	187.00	400	Vertical	Pass
1**	1337.800	29.11	-17.50	54.0	24.89	AV	187.00	400	Vertical	Pass
2	2760.900	43.34	-12.06	74.0	30.66	Peak	324.00	300	Vertical	Pass
2**	2760.900	33.97	-12.06	54.0	20.03	AV	324.00	300	Vertical	Pass
3	4090.200	48.21	-9.17	74.0	25.79	Peak	0.00	150	Vertical	Pass
3**	4090.200	37.54	-9.17	54.0	16.46	AV	0.00	150	Vertical	Pass
4	5577.400	106.70	-6.18	--	--	Peak	153.00	200	Vertical	N/A
4**	5577.400	99.06	-6.18	--	--	AV	153.00	200	Vertical	N/A
5	7461.437	50.18	-1.57	74.0	23.82	Peak	342.00	150	Vertical	Pass
5**	7461.437	41.92	-1.57	54.0	12.08	AV	342.00	150	Vertical	Pass
6	11118.151	54.72	1.18	74.0	19.28	Peak	92.00	100	Vertical	Pass
6**	11118.151	44.85	1.18	54.0	9.15	AV	92.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1400.500	38.40	-17.65	74.0	35.60	Peak	166.00	100	Horizontal	Pass
1**	1400.500	28.60	-17.65	54.0	25.40	AV	166.00	100	Horizontal	Pass
2	2851.000	44.68	-11.40	74.0	29.32	Peak	256.00	300	Horizontal	Pass
2**	2851.000	33.78	-11.40	54.0	20.22	AV	256.00	300	Horizontal	Pass
3	4054.800	47.33	-8.76	74.0	26.67	Peak	298.00	150	Horizontal	Pass
3**	4054.800	37.64	-8.76	54.0	16.36	AV	298.00	150	Horizontal	Pass
4	5699.200	103.60	-5.98	--	--	Peak	320.00	300	Horizontal	N/A
4**	5699.200	96.10	-5.98	--	--	AV	320.00	300	Horizontal	N/A
5	7539.925	50.11	-2.72	74.0	23.89	Peak	195.00	150	Horizontal	Pass
5**	7539.925	40.73	-2.72	54.0	13.27	AV	195.00	150	Horizontal	Pass
6	11600.000	53.93	3.83	74.0	20.07	Peak	251.00	400	Horizontal	Pass
6**	11600.000	45.08	3.83	54.0	8.92	AV	251.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.200	38.22	-17.31	74.0	35.78	Peak	226.00	300	Vertical	Pass
1**	1352.200	29.13	-17.31	54.0	24.87	AV	226.00	300	Vertical	Pass
2	2771.200	43.70	-12.03	74.0	30.30	Peak	171.00	200	Vertical	Pass
2**	2771.200	33.44	-12.03	54.0	20.56	AV	171.00	200	Vertical	Pass
3	4109.600	47.45	-9.06	74.0	26.55	Peak	196.00	100	Vertical	Pass
3**	4109.600	37.66	-9.06	54.0	16.34	AV	196.00	100	Vertical	Pass
4	5697.400	107.83	-5.97	--	--	Peak	155.00	300	Vertical	N/A
4**	5697.400	99.70	-5.97	--	--	AV	155.00	300	Vertical	N/A
5	7425.787	50.11	-1.30	74.0	23.89	Peak	297.00	150	Vertical	Pass
5**	7425.787	41.03	-1.30	54.0	12.97	AV	297.00	150	Vertical	Pass
6	11533.587	54.76	2.91	74.0	19.24	Peak	10.00	400	Vertical	Pass
6**	11533.587	44.13	2.91	54.0	9.87	AV	10.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1417.200	38.26	-17.40	74.0	35.74	Peak	175.00	150	Horizontal	Pass
1**	1417.200	29.64	-17.40	54.0	24.36	AV	175.00	150	Horizontal	Pass
2	2851.300	43.24	-11.41	74.0	30.76	Peak	327.00	300	Horizontal	Pass
2**	2851.300	34.26	-11.41	54.0	19.74	AV	327.00	300	Horizontal	Pass
3	4308.600	47.80	-8.32	74.0	26.20	Peak	343.00	100	Horizontal	Pass
3**	4308.600	37.88	-8.32	54.0	16.12	AV	343.00	100	Horizontal	Pass
4	5512.200	99.95	-6.97	--	--	Peak	322.00	100	Horizontal	N/A
4**	5512.200	92.32	-6.97	--	--	AV	322.00	100	Horizontal	N/A
5	7459.425	51.42	-1.52	74.0	22.58	Peak	200.00	100	Horizontal	Pass
5**	7459.425	41.60	-1.52	54.0	12.40	AV	200.00	100	Horizontal	Pass
6	11631.337	54.31	2.89	74.0	19.69	Peak	271.00	400	Horizontal	Pass
6**	11631.337	44.75	2.89	54.0	9.25	AV	271.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBUV/m)	Factor (dB)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1405.900	38.37	-17.54	74.0	35.63	Peak	296.00	200	Vertical	Pass
1**	1405.900	29.24	-17.54	54.0	24.76	AV	296.00	200	Vertical	Pass
2	2855.400	43.07	-11.59	74.0	30.93	Peak	176.00	400	Vertical	Pass
2**	2855.400	33.58	-11.59	54.0	20.42	AV	176.00	400	Vertical	Pass
3	4329.800	48.04	-7.81	74.0	25.96	Peak	0.00	100	Vertical	Pass
3**	4329.800	38.33	-7.81	54.0	15.67	AV	0.00	100	Vertical	Pass
4	5513.200	103.35	-7.02	--	--	Peak	154.00	300	Vertical	N/A
4**	5513.200	95.99	-7.02	--	--	AV	154.00	300	Vertical	N/A
5	7399.912	50.96	-1.35	74.0	23.04	Peak	46.00	150	Vertical	Pass
5**	7399.912	40.63	-1.35	54.0	13.37	AV	46.00	150	Vertical	Pass
6	11052.026	54.94	3.33	74.0	19.06	Peak	103.00	100	Vertical	Pass
6**	11052.026	45.26	3.33	54.0	8.74	AV	103.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1376.600	38.47	-17.42	74.0	35.53	Peak	0.00	300	Horizontal	Pass
1**	1376.600	28.56	-17.42	54.0	25.44	AV	0.00	300	Horizontal	Pass
2	2810.300	43.04	-11.88	74.0	30.96	Peak	106.00	200	Horizontal	Pass
2**	2810.300	33.80	-11.88	54.0	20.20	AV	106.00	200	Horizontal	Pass
3	4321.000	47.84	-7.61	74.0	26.16	Peak	214.00	100	Horizontal	Pass
3**	4321.000	38.49	-7.61	54.0	15.51	AV	214.00	100	Horizontal	Pass
4	5588.400	99.89	-6.24	--	--	Peak	322.00	200	Horizontal	N/A
4**	5588.400	92.38	-6.24	--	--	AV	322.00	200	Horizontal	N/A
5	7384.675	50.43	-1.64	74.0	23.57	Peak	54.00	150	Horizontal	Pass
5**	7384.675	41.14	-1.64	54.0	12.86	AV	54.00	150	Horizontal	Pass
6	11608.050	55.19	3.29	74.0	18.81	Peak	251.00	400	Horizontal	Pass
6**	11608.050	46.23	3.29	54.0	7.77	AV	251.00	400	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1387.900	38.67	-17.43	74.0	35.33	Peak	237.00	100	Vertical	Pass
1**	1387.900	28.56	-17.43	54.0	25.44	AV	237.00	100	Vertical	Pass
2	2879.600	43.53	-11.57	74.0	30.47	Peak	192.00	200	Vertical	Pass
2**	2879.600	33.86	-11.57	54.0	20.14	AV	192.00	200	Vertical	Pass
3	4201.400	47.46	-9.01	74.0	26.54	Peak	240.00	150	Vertical	Pass
3**	4201.400	37.35	-9.01	54.0	16.65	AV	240.00	150	Vertical	Pass
4	5593.400	103.40	-6.50	--	--	Peak	155.00	200	Vertical	N/A
4**	5593.400	96.45	-6.50	--	--	AV	155.00	200	Vertical	N/A
5	7405.663	50.29	-1.32	74.0	23.71	Peak	7.00	100	Vertical	Pass
5**	7405.663	40.83	-1.32	54.0	13.17	AV	7.00	100	Vertical	Pass
6	11613.513	54.92	3.14	74.0	19.08	Peak	103.00	100	Vertical	Pass
6**	11613.513	44.81	3.14	54.0	9.19	AV	103.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1314.900	38.38	-17.68	74.0	35.62	Peak	17.00	100	Horizontal	Pass
1**	1314.900	28.57	-17.68	54.0	25.43	AV	17.00	100	Horizontal	Pass
2	2816.700	43.16	-11.84	74.0	30.84	Peak	302.00	300	Horizontal	Pass
2**	2816.700	33.49	-11.84	54.0	20.51	AV	302.00	300	Horizontal	Pass
3	4105.800	47.61	-9.05	74.0	26.39	Peak	38.00	100	Horizontal	Pass
3**	4105.800	39.11	-9.05	54.0	14.89	AV	38.00	100	Horizontal	Pass
4	5666.400	100.93	-5.88	--	--	Peak	320.00	100	Horizontal	N/A
4**	5666.400	93.45	-5.88	--	--	AV	320.00	100	Horizontal	N/A
5	7460.287	50.49	-1.53	74.0	23.51	Peak	284.00	200	Horizontal	Pass
5**	7460.287	41.98	-1.53	54.0	12.02	AV	284.00	200	Horizontal	Pass
6	11606.901	54.85	3.37	74.0	19.15	Peak	316.00	100	Horizontal	Pass
6**	11606.901	45.66	3.37	54.0	8.34	AV	316.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1398.300	37.96	-17.46	74.0	36.04	Peak	0.00	200	Vertical	Pass
1**	1398.300	28.93	-17.46	54.0	25.07	AV	0.00	200	Vertical	Pass
2	2838.200	43.32	-11.55	74.0	30.68	Peak	123.00	300	Vertical	Pass
2**	2838.200	34.77	-11.55	54.0	19.23	AV	123.00	300	Vertical	Pass
3	4152.800	47.51	-8.86	74.0	26.49	Peak	25.00	150	Vertical	Pass
3**	4152.800	38.94	-8.86	54.0	15.06	AV	25.00	150	Vertical	Pass
4	5672.200	105.02	-5.92	--	--	Peak	150.00	100	Vertical	N/A
4**	5672.200	97.34	-5.92	--	--	AV	150.00	100	Vertical	N/A
5	7460.862	50.10	-1.55	74.0	23.90	Peak	0.00	150	Vertical	Pass
5**	7460.862	41.52	-1.55	54.0	12.48	AV	0.00	150	Vertical	Pass
6	11050.013	54.54	3.55	74.0	19.46	Peak	360.00	100	Vertical	Pass
6**	11050.013	45.74	3.55	54.0	8.26	AV	360.00	100	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.400	38.67	-17.10	74.0	35.33	Peak	247.00	200	Horizontal	Pass
1**	1351.400	29.39	-17.10	54.0	24.61	AV	247.00	200	Horizontal	Pass
2	2745.500	43.45	-11.47	74.0	30.55	Peak	360.00	300	Horizontal	Pass
2**	2745.500	34.39	-11.47	54.0	19.61	AV	360.00	300	Horizontal	Pass
3	4255.000	47.84	-8.25	74.0	26.16	Peak	95.00	150	Horizontal	Pass
3**	4255.000	38.37	-8.25	54.0	15.63	AV	95.00	150	Horizontal	Pass
4	5535.400	98.15	-6.46	--	--	Peak	322.00	400	Horizontal	N/A
4**	5535.400	90.51	-6.46	--	--	AV	322.00	400	Horizontal	N/A
5	7474.087	50.68	-1.65	74.0	23.32	Peak	289.00	100	Horizontal	Pass
5**	7474.087	41.27	-1.65	54.0	12.73	AV	289.00	100	Horizontal	Pass
6	12158.037	54.14	2.46	74.0	19.86	Peak	192.00	100	Horizontal	Pass
6**	12158.037	43.28	2.46	54.0	10.72	AV	192.00	100	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1408.600	38.28	-17.11	74.0	35.72	Peak	63.00	400	Vertical	Pass
1**	1408.600	30.26	-17.11	54.0	23.74	AV	63.00	400	Vertical	Pass
2	2782.300	42.94	-11.96	74.0	31.06	Peak	40.00	100	Vertical	Pass
2**	2782.300	33.60	-11.96	54.0	20.40	AV	40.00	100	Vertical	Pass
3	4286.000	47.48	-8.36	74.0	26.52	Peak	40.00	200	Vertical	Pass
3**	4286.000	37.91	-8.36	54.0	16.09	AV	40.00	200	Vertical	Pass
4	5533.800	101.18	-6.77	--	--	Peak	146.00	400	Vertical	N/A
4**	5533.800	94.11	-6.77	--	--	AV	146.00	400	Vertical	N/A
5	7453.962	49.92	-1.57	74.0	24.08	Peak	118.00	150	Vertical	Pass
5**	7453.962	42.22	-1.57	54.0	11.78	AV	118.00	150	Vertical	Pass
6	11057.776	54.92	2.71	74.0	19.08	Peak	225.00	400	Vertical	Pass
6**	11057.776	44.88	2.71	54.0	9.12	AV	225.00	400	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1352.800	38.28	-17.37	74.0	35.72	Peak	164.00	400	Horizontal	Pass
1**	1352.800	28.68	-17.37	54.0	25.32	AV	164.00	400	Horizontal	Pass
2	2728.800	43.21	-12.19	74.0	30.79	Peak	77.00	300	Horizontal	Pass
2**	2728.800	34.20	-12.19	54.0	19.80	AV	77.00	300	Horizontal	Pass
3	4045.600	47.37	-8.61	74.0	26.63	Peak	64.00	200	Horizontal	Pass
3**	4045.600	37.79	-8.61	54.0	16.21	AV	64.00	200	Horizontal	Pass
4	5607.800	98.45	-6.29	--	--	Peak	321.00	100	Horizontal	N/A
4**	5607.800	90.63	-6.29	--	--	AV	321.00	100	Horizontal	N/A
5	7470.350	49.98	-1.82	74.0	24.02	Peak	242.00	200	Horizontal	Pass
5**	7470.350	41.18	-1.82	54.0	12.82	AV	242.00	200	Horizontal	Pass
6	11609.201	54.66	3.21	74.0	19.34	Peak	200.00	300	Horizontal	Pass
6**	11609.201	45.83	3.21	54.0	8.17	AV	200.00	300	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1380.700	38.56	-17.49	74.0	35.44	Peak	43.00	300	Vertical	Pass
1**	1380.700	28.41	-17.49	54.0	25.59	AV	43.00	300	Vertical	Pass
2	2782.900	43.44	-11.99	74.0	30.56	Peak	152.00	400	Vertical	Pass
2**	2782.900	34.21	-11.99	54.0	19.79	AV	152.00	400	Vertical	Pass
3	4284.400	47.91	-8.58	74.0	26.09	Peak	361.00	100	Vertical	Pass
3**	4284.400	38.04	-8.58	54.0	15.96	AV	361.00	100	Vertical	Pass
4	5606.800	101.91	-6.47	--	--	Peak	154.00	400	Vertical	N/A
4**	5606.800	94.09	-6.47	--	--	AV	154.00	400	Vertical	N/A
5	7416.587	50.45	-1.26	74.0	23.55	Peak	58.00	200	Vertical	Pass
5**	7416.587	41.31	-1.26	54.0	12.69	AV	58.00	200	Vertical	Pass
6	11037.650	54.56	2.91	74.0	19.44	Peak	175.00	300	Vertical	Pass
6**	11037.650	45.50	2.91	54.0	8.50	AV	175.00	300	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	1329.000	38.32	-17.50	74.0	35.68	Peak	225.00	200	Horizontal	Pass
1**	1329.000	28.82	-17.50	54.0	25.18	AV	225.00	200	Horizontal	Pass
2	2794.400	43.26	-11.72	74.0	30.74	Peak	0.00	400	Horizontal	Pass
2**	2794.400	34.00	-11.72	54.0	20.00	AV	0.00	400	Horizontal	Pass
3	4047.400	48.17	-8.54	74.0	25.83	Peak	360.00	200	Horizontal	Pass
3**	4047.400	38.71	-8.54	54.0	15.29	AV	360.00	200	Horizontal	Pass
4	5743.400	104.22	-6.00	--	--	Peak	322.00	300	Horizontal	N/A
4**	5743.400	96.61	-6.00	--	--	AV	322.00	300	Horizontal	N/A
5	7325.162	50.47	-1.94	74.0	23.53	Peak	0.00	100	Horizontal	Pass
5**	7325.162	41.20	-1.94	54.0	12.80	AV	0.00	100	Horizontal	Pass
6	11039.088	54.45	2.94	74.0	19.55	Peak	43.00	400	Horizontal	Pass
6**	11039.088	45.64	2.94	54.0	8.36	AV	43.00	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	1353.400	38.20	-17.32	74.0	35.80	Peak	183.00	200	Vertical	Pass
1**	1353.400	28.60	-17.32	54.0	25.40	AV	183.00	200	Vertical	Pass
2	2861.100	43.07	-11.89	74.0	30.93	Peak	71.00	100	Vertical	Pass
2**	2861.100	33.04	-11.89	54.0	20.96	AV	71.00	100	Vertical	Pass
3	4258.400	47.57	-8.88	74.0	26.43	Peak	360.00	100	Vertical	Pass
3**	4258.400	37.74	-8.88	54.0	16.26	AV	360.00	100	Vertical	Pass
4	5744.000	107.47	-6.19	--	--	Peak	154.00	200	Vertical	N/A
4**	5744.000	100.59	-6.19	--	--	AV	154.00	200	Vertical	N/A
5	7602.025	50.72	-2.58	74.0	23.28	Peak	275.00	150	Vertical	Pass
5**	7602.025	41.52	-2.58	54.0	12.48	AV	275.00	150	Vertical	Pass
6	11616.675	54.60	3.13	74.0	19.40	Peak	23.00	100	Vertical	Pass
6**	11616.675	44.95	3.13	54.0	9.05	AV	23.00	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	1387.400	38.49	-17.62	74.0	35.51	Peak	214.00	400	Horizontal	Pass
1**	1387.400	28.55	-17.62	54.0	25.45	AV	214.00	400	Horizontal	Pass
2	2746.900	43.34	-11.71	74.0	30.66	Peak	0.00	400	Horizontal	Pass
2**	2746.900	34.33	-11.71	54.0	19.67	AV	0.00	400	Horizontal	Pass
3	4328.800	47.90	-7.64	74.0	26.10	Peak	6.00	100	Horizontal	Pass
3**	4328.800	38.37	-7.64	54.0	15.63	AV	6.00	100	Horizontal	Pass
4	5786.800	105.69	-5.53	--	--	Peak	322.00	100	Horizontal	N/A
4**	5786.800	98.02	-5.53	--	--	AV	322.00	100	Horizontal	N/A
5	7444.763	50.52	-1.58	74.0	23.48	Peak	78.00	200	Horizontal	Pass
5**	7444.763	40.80	-1.58	54.0	13.20	AV	78.00	200	Horizontal	Pass
6	11613.799	54.46	3.14	74.0	19.54	Peak	298.00	200	Horizontal	Pass
6**	11613.799	45.38	3.14	54.0	8.62	AV	298.00	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	1393.700	38.41	-17.44	74.0	35.59	Peak	142.00	200	Vertical	Pass
1**	1393.700	29.49	-17.44	54.0	24.51	AV	142.00	200	Vertical	Pass
2	2866.200	42.97	-11.67	74.0	31.03	Peak	186.00	200	Vertical	Pass
2**	2866.200	33.39	-11.67	54.0	20.61	AV	186.00	200	Vertical	Pass
3	4104.000	48.26	-9.25	74.0	25.74	Peak	321.00	150	Vertical	Pass
3**	4104.000	37.91	-9.25	54.0	16.09	AV	321.00	150	Vertical	Pass
4	5782.800	108.29	-5.25	--	--	Peak	150.00	300	Vertical	N/A
4**	5782.800	100.74	-5.25	--	--	AV	150.00	300	Vertical	N/A
5	7407.388	49.92	-1.31	74.0	24.08	Peak	254.00	100	Vertical	Pass
5**	7407.388	41.27	-1.31	54.0	12.73	AV	254.00	100	Vertical	Pass
6	11613.225	54.42	3.14	74.0	19.58	Peak	13.00	300	Vertical	Pass
6**	11613.225	45.42	3.14	54.0	8.58	AV	13.00	300	Vertical	Pass

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

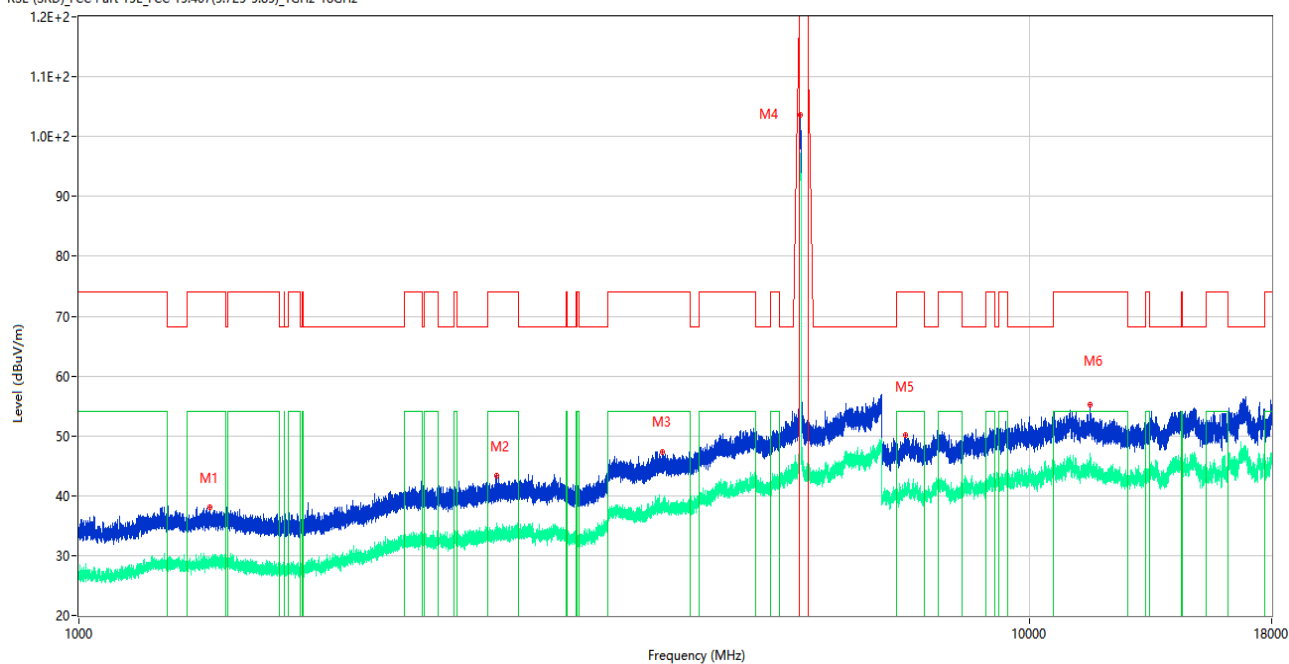
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1376.900	38.17	-17.33	74.0	35.83	Peak	30.00	400	Horizontal	Pass
1**	1376.900	29.27	-17.33	54.0	24.73	AV	30.00	400	Horizontal	Pass
2	2877.000	43.66	-11.49	74.0	30.34	Peak	140.00	200	Horizontal	Pass
2**	2877.000	33.54	-11.49	54.0	20.46	AV	140.00	200	Horizontal	Pass
3	4293.200	47.40	-8.59	74.0	26.60	Peak	148.00	100	Horizontal	Pass
3**	4293.200	37.51	-8.59	54.0	16.49	AV	148.00	100	Horizontal	Pass
4	5828.000	104.76	-5.19	--	--	Peak	322.00	100	Horizontal	N/A
4**	5828.000	97.25	-5.19	--	--	AV	322.00	100	Horizontal	N/A
5	7401.925	50.02	-1.34	74.0	23.98	Peak	120.00	200	Horizontal	Pass
5**	7401.925	41.05	-1.34	54.0	12.95	AV	120.00	200	Horizontal	Pass
6	11602.875	55.62	3.64	74.0	18.38	Peak	140.00	100	Horizontal	Pass
6**	11602.875	46.12	3.64	54.0	7.88	AV	140.00	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	1383.800	38.83	-17.40	74.0	35.17	Peak	360.00	100	Vertical	Pass
1**	1383.800	29.46	-17.40	54.0	24.54	AV	360.00	100	Vertical	Pass
2	2820.600	42.93	-12.00	74.0	31.07	Peak	223.00	100	Vertical	Pass
2**	2820.600	33.48	-12.00	54.0	20.52	AV	223.00	100	Vertical	Pass
3	4277.000	47.62	-8.77	74.0	26.38	Peak	42.00	150	Vertical	Pass
3**	4277.000	38.12	-8.77	54.0	15.88	AV	42.00	150	Vertical	Pass
4	5824.000	108.14	-5.28	--	--	Peak	150.00	200	Vertical	N/A
4**	5824.000	101.63	-5.28	--	--	AV	150.00	200	Vertical	N/A
5	7458.275	50.26	-1.53	74.0	23.74	Peak	93.00	100	Vertical	Pass
5**	7458.275	41.48	-1.53	54.0	12.52	AV	93.00	100	Vertical	Pass
6	11052.313	54.36	3.30	74.0	19.64	Peak	46.00	300	Vertical	Pass
6**	11052.313	45.12	3.30	54.0	8.88	AV	46.00	300	Vertical	Pass

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1374.000	38.03	-17.76	74.0	35.97	Peak	310.00	200	Horizontal	Pass
1**	1374.000	28.28	-17.76	54.0	25.72	AV	310.00	200	Horizontal	Pass
2	2752.300	43.33	-11.74	74.0	30.67	Peak	289.00	100	Horizontal	Pass
2**	2752.300	34.09	-11.74	54.0	19.91	AV	289.00	100	Horizontal	Pass
3	4110.000	47.32	-9.16	74.0	26.68	Peak	193.00	200	Horizontal	Pass
3**	4110.000	37.91	-9.16	54.0	16.09	AV	193.00	200	Horizontal	Pass
4	5744.000	103.63	-6.19	--	--	Peak	322.00	100	Horizontal	N/A
4**	5744.000	96.63	-6.19	--	--	AV	322.00	100	Horizontal	N/A
5	7405.950	50.16	-1.31	74.0	23.84	Peak	297.00	100	Horizontal	Pass
5**	7405.950	41.13	-1.31	54.0	12.87	AV	297.00	100	Horizontal	Pass
6	11603.738	55.16	3.58	74.0	18.84	Peak	354.00	200	Horizontal	Pass
6**	11603.738	46.34	3.58	54.0	7.66	AV	354.00	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	1417.400	38.67	-17.47	74.0	35.33	Peak	131.00	100	Vertical	Pass
1**	1417.400	28.72	-17.47	54.0	25.28	AV	131.00	100	Vertical	Pass
2	2790.200	42.68	-12.09	74.0	31.32	Peak	69.00	400	Vertical	Pass
2**	2790.200	33.61	-12.09	54.0	20.39	AV	69.00	400	Vertical	Pass
3	4123.200	47.96	-9.25	74.0	26.04	Peak	258.00	150	Vertical	Pass
3**	4123.200	37.72	-9.25	54.0	16.28	AV	258.00	150	Vertical	Pass
4	5742.600	107.44	-6.12	--	--	Peak	154.00	100	Vertical	N/A
4**	5742.600	99.50	-6.12	--	--	AV	154.00	100	Vertical	N/A
5	7477.825	50.85	-1.48	74.0	23.15	Peak	191.00	200	Vertical	Pass
5**	7477.825	41.08	-1.48	54.0	12.92	AV	191.00	200	Vertical	Pass
6	11039.662	54.51	2.95	74.0	19.49	Peak	227.00	400	Vertical	Pass
6**	11039.662	45.06	2.95	54.0	8.94	AV	227.00	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	1395.300	38.00	-17.73	74.0	36.00	Peak	48.00	300	Horizontal	Pass
1**	1395.300	29.44	-17.73	54.0	24.56	AV	48.00	300	Horizontal	Pass
2	2817.700	42.86	-11.79	74.0	31.14	Peak	37.00	200	Horizontal	Pass
2**	2817.700	34.11	-11.79	54.0	19.89	AV	37.00	200	Horizontal	Pass
3	4076.800	47.59	-9.07	74.0	26.41	Peak	170.00	150	Horizontal	Pass
3**	4076.800	37.94	-9.07	54.0	16.06	AV	170.00	150	Horizontal	Pass
4	5785.600	105.30	-5.46	--	--	Peak	321.00	200	Horizontal	N/A
4**	5785.600	97.91	-5.46	--	--	AV	321.00	200	Horizontal	N/A
5	7442.175	49.96	-1.57	74.0	24.04	Peak	329.00	150	Horizontal	Pass
5**	7442.175	40.26	-1.57	54.0	13.74	AV	329.00	150	Horizontal	Pass
6	11075.599	54.48	1.99	74.0	19.52	Peak	9.00	100	Horizontal	Pass
6**	11075.599	44.94	1.99	54.0	9.06	AV	9.00	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	1352.200	38.57	-17.31	74.0	35.43	Peak	295.00	100	Vertical	Pass
1**	1352.200	29.20	-17.31	54.0	24.80	AV	295.00	100	Vertical	Pass
2	2762.400	43.76	-12.43	74.0	30.24	Peak	318.00	400	Vertical	Pass
2**	2762.400	34.15	-12.43	54.0	19.85	AV	318.00	400	Vertical	Pass
3	4308.400	47.48	-8.43	74.0	26.52	Peak	360.00	200	Vertical	Pass
3**	4308.400	38.27	-8.43	54.0	15.73	AV	360.00	200	Vertical	Pass
4	5786.400	107.46	-5.61	--	--	Peak	163.00	400	Vertical	N/A
4**	5786.400	100.67	-5.61	--	--	AV	163.00	400	Vertical	N/A
5	7459.138	50.44	-1.53	74.0	23.56	Peak	164.00	200	Vertical	Pass
5**	7459.138	41.59	-1.53	54.0	12.41	AV	164.00	200	Vertical	Pass
6	11046.850	54.54	3.36	74.0	19.46	Peak	337.00	400	Vertical	Pass
6**	11046.850	45.51	3.36	54.0	8.49	AV	337.00	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	1380.900	38.12	-17.48	74.0	35.88	Peak	208.00	400	Horizontal	Pass
1**	1380.900	28.27	-17.48	54.0	25.73	AV	208.00	400	Horizontal	Pass
2	2856.600	42.89	-11.49	74.0	31.11	Peak	31.00	100	Horizontal	Pass
2**	2856.600	33.26	-11.49	54.0	20.74	AV	31.00	100	Horizontal	Pass
3	4321.400	47.15	-7.25	74.0	26.85	Peak	318.00	150	Horizontal	Pass
3**	4321.400	38.50	-7.25	54.0	15.50	AV	318.00	150	Horizontal	Pass
4	5823.800	102.85	-5.34	--	--	Peak	232.00	300	Horizontal	N/A
4**	5823.800	95.41	-5.34	--	--	AV	232.00	300	Horizontal	N/A
5	7455.688	50.00	-1.55	74.0	24.00	Peak	19.00	200	Horizontal	Pass
5**	7455.688	40.74	-1.55	54.0	13.26	AV	19.00	200	Horizontal	Pass
6	11051.450	54.29	3.39	74.0	19.71	Peak	151.00	200	Horizontal	Pass
6**	11051.450	45.88	3.39	54.0	8.12	AV	151.00	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	1351.300	39.03	-17.16	74.0	34.97	Peak	27.00	200	Vertical	Pass
1**	1351.300	29.30	-17.16	54.0	24.70	AV	27.00	200	Vertical	Pass
2	2869.100	43.16	-11.78	74.0	30.84	Peak	296.00	300	Vertical	Pass
2**	2869.100	33.00	-11.78	54.0	21.00	AV	296.00	300	Vertical	Pass
3	4093.600	48.08	-9.25	74.0	25.92	Peak	0.00	150	Vertical	Pass
3**	4093.600	37.76	-9.25	54.0	16.24	AV	0.00	150	Vertical	Pass
4	5826.400	106.76	-5.34	--	--	Peak	57.00	200	Vertical	N/A
4**	5826.400	99.17	-5.34	--	--	AV	57.00	200	Vertical	N/A
5	7475.525	50.21	-1.59	74.0	23.79	Peak	360.00	200	Vertical	Pass
5**	7475.525	40.27	-1.59	54.0	13.73	AV	360.00	200	Vertical	Pass
6	11039.950	54.12	2.96	74.0	19.88	Peak	276.00	300	Vertical	Pass
6**	11039.950	45.46	2.96	54.0	8.54	AV	276.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1416.900	38.63	-17.43	74.0	35.37	Peak	360.00	100	Horizontal	Pass
1**	1416.900	28.57	-17.43	54.0	25.43	AV	360.00	100	Horizontal	Pass
2	2851.100	42.94	-11.41	74.0	31.06	Peak	141.00	400	Horizontal	Pass
2**	2851.100	34.28	-11.41	54.0	19.72	AV	141.00	400	Horizontal	Pass
3	4063.600	47.28	-9.16	74.0	26.72	Peak	156.00	200	Horizontal	Pass
3**	4063.600	37.55	-9.16	54.0	16.45	AV	156.00	200	Horizontal	Pass
4	5757.600	100.26	-5.32	--	--	Peak	245.00	100	Horizontal	N/A
4**	5757.600	92.60	-5.32	--	--	AV	245.00	100	Horizontal	N/A
5	7670.737	49.59	-3.17	74.0	24.41	Peak	54.00	200	Horizontal	Pass
5**	7670.737	39.60	-3.17	54.0	14.40	AV	54.00	200	Horizontal	Pass
6	11922.862	54.86	1.30	74.0	19.14	Peak	171.00	400	Horizontal	Pass
6**	11922.862	43.45	1.30	54.0	10.55	AV	171.00	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	1342.600	38.12	-17.65	74.0	35.88	Peak	258.00	400	Vertical	Pass
1**	1342.600	28.86	-17.65	54.0	25.14	AV	258.00	400	Vertical	Pass
2	2876.900	43.00	-11.55	74.0	31.00	Peak	189.00	100	Vertical	Pass
2**	2876.900	33.39	-11.55	54.0	20.61	AV	189.00	100	Vertical	Pass
3	4241.600	48.13	-8.51	74.0	25.87	Peak	347.00	200	Vertical	Pass
3**	4241.600	39.27	-8.51	54.0	14.73	AV	347.00	200	Vertical	Pass
4	5757.200	104.57	-5.29	--	--	Peak	86.00	300	Vertical	N/A
4**	5757.200	96.90	-5.29	--	--	AV	86.00	300	Vertical	N/A
5	7550.275	50.82	-2.13	74.0	23.18	Peak	316.00	100	Vertical	Pass
5**	7550.275	41.19	-2.13	54.0	12.81	AV	316.00	100	Vertical	Pass
6	11135.112	53.82	1.21	74.0	20.18	Peak	274.00	400	Vertical	Pass
6**	11135.112	44.52	1.21	54.0	9.48	AV	274.00	400	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	1392.500	39.42	-17.26	74.0	34.58	Peak	75.00	300	Horizontal	Pass
1**	1392.500	34.58	-17.26	54.0	19.42	AV	75.00	300	Horizontal	Pass
2	2729.000	42.98	-12.24	74.0	31.02	Peak	87.00	100	Horizontal	Pass
2**	2729.000	33.27	-12.24	54.0	20.73	AV	87.00	100	Horizontal	Pass
3	4146.800	47.12	-8.83	74.0	26.88	Peak	166.00	100	Horizontal	Pass
3**	4146.800	38.44	-8.83	54.0	15.56	AV	166.00	100	Horizontal	Pass
4	5793.400	99.57	-6.09	--	--	Peak	255.00	100	Horizontal	N/A
4**	5793.400	92.65	-6.09	--	--	AV	255.00	100	Horizontal	N/A
5	7472.362	50.06	-1.73	74.0	23.94	Peak	243.00	200	Horizontal	Pass
5**	7472.362	40.19	-1.73	54.0	13.81	AV	243.00	200	Horizontal	Pass
6	11600.862	54.03	3.77	74.0	19.97	Peak	208.00	300	Horizontal	Pass
6**	11600.862	45.24	3.77	54.0	8.76	AV	208.00	300	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	1352.500	37.86	-17.42	74.0	36.14	Peak	241.00	100	Vertical	Pass
1**	1352.500	28.84	-17.42	54.0	25.16	AV	241.00	100	Vertical	Pass
2	2741.400	42.90	-11.76	74.0	31.10	Peak	6.00	200	Vertical	Pass
2**	2741.400	33.38	-11.76	54.0	20.62	AV	6.00	200	Vertical	Pass
3	4162.000	47.39	-9.02	74.0	26.61	Peak	45.00	150	Vertical	Pass
3**	4162.000	37.46	-9.02	54.0	16.54	AV	45.00	150	Vertical	Pass
4	5789.200	103.81	-5.71	--	--	Peak	87.00	300	Vertical	N/A
4**	5789.200	96.44	-5.71	--	--	AV	87.00	300	Vertical	N/A
5	7480.413	50.19	-1.40	74.0	23.81	Peak	159.00	150	Vertical	Pass
5**	7480.413	40.72	-1.40	54.0	13.28	AV	159.00	150	Vertical	Pass
6	11614.088	53.93	3.14	74.0	20.07	Peak	283.00	100	Vertical	Pass
6**	11614.088	44.18	3.14	54.0	9.82	AV	283.00	100	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	1391.800	37.86	-17.46	74.0	36.14	Peak	296.00	200	Horizontal	Pass
1**	1391.800	29.22	-17.46	54.0	24.78	AV	296.00	200	Horizontal	Pass
2	2873.900	42.70	-11.64	74.0	31.30	Peak	69.00	300	Horizontal	Pass
2**	2873.900	33.67	-11.64	54.0	20.33	AV	69.00	300	Horizontal	Pass
3	4307.800	47.53	-8.70	74.0	26.47	Peak	39.00	100	Horizontal	Pass
3**	4307.800	37.68	-8.70	54.0	16.32	AV	39.00	100	Horizontal	Pass
4	5741.400	102.27	-6.09	--	--	Peak	249.00	200	Horizontal	N/A
4**	5741.400	94.23	-6.09	--	--	AV	249.00	200	Horizontal	N/A
5	7460.575	49.88	-1.54	74.0	24.12	Peak	18.00	100	Horizontal	Pass
5**	7460.575	40.87	-1.54	54.0	13.13	AV	18.00	100	Horizontal	Pass
6	11598.562	53.87	3.81	74.0	20.13	Peak	199.00	400	Horizontal	Pass
6**	11598.562	44.21	3.81	54.0	9.79	AV	199.00	400	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	1368.400	37.88	-17.99	74.0	36.12	Peak	74.00	100	Vertical	Pass
1**	1368.400	28.42	-17.99	54.0	25.58	AV	74.00	100	Vertical	Pass
2	2861.600	43.06	-11.69	74.0	30.94	Peak	236.00	100	Vertical	Pass
2**	2861.600	33.36	-11.69	54.0	20.64	AV	236.00	100	Vertical	Pass
3	4735.000	50.07	-7.43	74.0	23.93	Peak	243.00	100	Vertical	Pass
3**	4735.000	40.91	-7.43	54.0	13.09	AV	243.00	100	Vertical	Pass
4	5746.800	106.69	-5.89	--	--	Peak	85.00	200	Vertical	N/A
4**	5746.800	99.68	-5.89	--	--	AV	85.00	200	Vertical	N/A
5	7626.462	49.74	-3.20	74.0	24.26	Peak	154.00	150	Vertical	Pass
5**	7626.462	40.29	-3.20	54.0	13.71	AV	154.00	150	Vertical	Pass
6	11037.650	53.72	2.91	74.0	20.28	Peak	26.00	400	Vertical	Pass
6**	11037.650	44.94	2.91	54.0	9.06	AV	26.00	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	1352.900	37.95	-17.36	74.0	36.05	Peak	54.00	100	Horizontal	Pass
1**	1352.900	28.91	-17.36	54.0	25.09	AV	54.00	100	Horizontal	Pass
2	2820.300	43.28	-11.85	74.0	30.72	Peak	329.00	200	Horizontal	Pass
2**	2820.300	33.12	-11.85	54.0	20.88	AV	329.00	200	Horizontal	Pass
3	4011.400	47.62	-9.24	74.0	26.38	Peak	115.00	150	Horizontal	Pass
3**	4011.400	37.19	-9.24	54.0	16.81	AV	115.00	150	Horizontal	Pass
4	5786.400	103.93	-5.61	--	--	Peak	226.00	400	Horizontal	N/A
4**	5786.400	96.52	-5.61	--	--	AV	226.00	400	Horizontal	N/A
5	7459.138	50.60	-1.53	74.0	23.40	Peak	98.00	150	Horizontal	Pass
5**	7459.138	40.91	-1.53	54.0	13.09	AV	98.00	150	Horizontal	Pass
6	11604.888	54.25	3.50	74.0	19.75	Peak	124.00	300	Horizontal	Pass
6**	11604.888	45.97	3.50	54.0	8.03	AV	124.00	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	1353.900	38.20	-17.41	74.0	35.80	Peak	360.00	100	Vertical	Pass
1**	1353.900	28.86	-17.41	54.0	25.14	AV	360.00	100	Vertical	Pass
2	2783.100	43.63	-12.00	74.0	30.37	Peak	114.00	200	Vertical	Pass
2**	2783.100	33.45	-12.00	54.0	20.55	AV	114.00	200	Vertical	Pass
3	4147.200	47.23	-8.77	74.0	26.77	Peak	297.00	150	Vertical	Pass
3**	4147.200	38.10	-8.77	54.0	15.90	AV	297.00	150	Vertical	Pass
4	5783.400	107.40	-5.37	--	--	Peak	74.00	200	Vertical	N/A
4**	5783.400	99.91	-5.37	--	--	AV	74.00	200	Vertical	N/A
5	7463.450	49.56	-1.63	74.0	24.44	Peak	104.00	100	Vertical	Pass
5**	7463.450	41.34	-1.63	54.0	12.66	AV	104.00	100	Vertical	Pass
6	11054.325	54.05	3.08	74.0	19.95	Peak	57.00	400	Vertical	Pass
6**	11054.325	45.53	3.08	54.0	8.47	AV	57.00	400	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	1346.100	38.93	-17.29	74.0	35.07	Peak	0.00	100	Horizontal	Pass
1**	1346.100	28.79	-17.29	54.0	25.21	AV	0.00	100	Horizontal	Pass
2	2850.800	42.30	-11.52	74.0	31.70	Peak	359.00	100	Horizontal	Pass
2**	2850.800	33.87	-11.52	54.0	20.13	AV	359.00	100	Horizontal	Pass
3	4286.800	47.76	-8.43	74.0	26.24	Peak	169.00	100	Horizontal	Pass
3**	4286.800	37.78	-8.43	54.0	16.22	AV	169.00	100	Horizontal	Pass
4	5827.600	102.45	-5.43	--	--	Peak	213.00	200	Horizontal	N/A
4**	5827.600	94.52	-5.43	--	--	AV	213.00	200	Horizontal	N/A
5	7626.462	49.39	-3.20	74.0	24.61	Peak	229.00	150	Horizontal	Pass
5**	7626.462	40.52	-3.20	54.0	13.48	AV	229.00	150	Horizontal	Pass
6	11582.463	53.53	3.37	74.0	20.47	Peak	187.00	100	Horizontal	Pass
6**	11582.463	43.74	3.37	54.0	10.26	AV	187.00	100	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	1345.500	38.39	-17.19	74.0	35.61	Peak	291.00	300	Vertical	Pass
1**	1345.500	29.51	-17.19	54.0	24.49	AV	291.00	300	Vertical	Pass
2	2865.700	42.29	-11.79	74.0	31.71	Peak	232.00	100	Vertical	Pass
2**	2865.700	32.72	-11.79	54.0	21.28	AV	232.00	100	Vertical	Pass
3	4080.800	47.27	-8.96	74.0	26.73	Peak	76.00	100	Vertical	Pass
3**	4080.800	37.94	-8.96	54.0	16.06	AV	76.00	100	Vertical	Pass
4	5826.400	107.07	-5.34	--	--	Peak	76.00	300	Vertical	N/A
4**	5826.400	99.79	-5.34	--	--	AV	76.00	300	Vertical	N/A
5	7460.287	49.35	-1.53	74.0	24.65	Peak	322.00	100	Vertical	Pass
5**	7460.287	40.83	-1.53	54.0	13.17	AV	322.00	100	Vertical	Pass
6	11051.737	53.78	3.36	74.0	20.22	Peak	237.00	300	Vertical	Pass
6**	11051.737	45.22	3.36	54.0	8.78	AV	237.00	300	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1409.400	38.01	-17.59	74.0	35.99	Peak	95.00	200	Horizontal	Pass
1**	1409.400	28.50	-17.59	54.0	25.50	AV	95.00	200	Horizontal	Pass
2	2786.200	43.05	-11.95	74.0	30.95	Peak	273.00	400	Horizontal	Pass
2**	2786.200	33.48	-11.95	54.0	20.52	AV	273.00	400	Horizontal	Pass
3	4136.600	47.09	-9.17	74.0	26.91	Peak	253.00	200	Horizontal	Pass
3**	4136.600	38.40	-9.17	54.0	15.60	AV	253.00	200	Horizontal	Pass
4	5753.400	100.31	-5.58	--	--	Peak	231.00	300	Horizontal	N/A
4**	5753.400	92.33	-5.58	--	--	AV	231.00	300	Horizontal	N/A
5	7468.050	49.71	-1.78	74.0	24.29	Peak	220.00	150	Horizontal	Pass
5**	7468.050	41.21	-1.78	54.0	12.79	AV	220.00	150	Horizontal	Pass
6	11040.812	54.25	3.01	74.0	19.75	Peak	256.00	200	Horizontal	Pass
6**	11040.812	45.30	3.01	54.0	8.70	AV	256.00	200	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1363.600	38.11	-17.53	74.0	35.89	Peak	119.00	300	Vertical	Pass
1**	1363.600	29.18	-17.53	54.0	24.82	AV	119.00	300	Vertical	Pass
2	2761.800	42.55	-12.30	74.0	31.45	Peak	119.00	200	Vertical	Pass
2**	2761.800	34.68	-12.30	54.0	19.32	AV	119.00	200	Vertical	Pass
3	4273.600	47.83	-8.71	74.0	26.17	Peak	360.00	100	Vertical	Pass
3**	4273.600	37.50	-8.71	54.0	16.50	AV	360.00	100	Vertical	Pass
4	5753.000	104.58	-5.62	--	--	Peak	66.00	200	Vertical	N/A
4**	5753.000	96.22	-5.62	--	--	AV	66.00	200	Vertical	N/A
5	7414.000	50.18	-1.27	74.0	23.82	Peak	233.00	150	Vertical	Pass
5**	7414.000	39.87	-1.27	54.0	14.13	AV	233.00	150	Vertical	Pass
6	11051.162	53.70	3.42	74.0	20.30	Peak	0.00	100	Vertical	Pass
6**	11051.162	44.94	3.42	54.0	9.06	AV	0.00	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	1353.600	38.47	-17.36	74.0	35.53	Peak	360.00	300	Horizontal	Pass
1**	1353.600	28.99	-17.36	54.0	25.01	AV	360.00	300	Horizontal	Pass
2	2852.200	42.98	-11.63	74.0	31.02	Peak	35.00	400	Horizontal	Pass
2**	2852.200	33.53	-11.63	54.0	20.47	AV	35.00	400	Horizontal	Pass
3	4108.200	47.41	-9.18	74.0	26.59	Peak	0.00	100	Horizontal	Pass
3**	4108.200	38.03	-9.18	54.0	15.97	AV	0.00	100	Horizontal	Pass
4	5792.800	99.54	-6.22	--	--	Peak	246.00	300	Horizontal	N/A
4**	5792.800	91.32	-6.22	--	--	AV	246.00	300	Horizontal	N/A
5	7403.650	49.73	-1.33	74.0	24.27	Peak	347.00	150	Horizontal	Pass
5**	7403.650	40.45	-1.33	54.0	13.55	AV	347.00	150	Horizontal	Pass
6	11181.975	53.86	0.99	74.0	20.14	Peak	360.00	200	Horizontal	Pass
6**	11181.975	44.78	0.99	54.0	9.22	AV	360.00	200	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	1364.300	37.85	-17.24	74.0	36.15	Peak	163.00	300	Vertical	Pass
1**	1364.300	28.88	-17.24	54.0	25.12	AV	163.00	300	Vertical	Pass
2	2753.500	42.92	-11.78	74.0	31.08	Peak	306.00	100	Vertical	Pass
2**	2753.500	34.06	-11.78	54.0	19.94	AV	306.00	100	Vertical	Pass
3	4083.600	47.68	-8.95	74.0	26.32	Peak	262.00	200	Vertical	Pass
3**	4083.600	37.81	-8.95	54.0	16.19	AV	262.00	200	Vertical	Pass
4	5792.600	104.33	-6.21	--	--	Peak	87.00	400	Vertical	N/A
4**	5792.600	96.45	-6.21	--	--	AV	87.00	400	Vertical	N/A
5	7460.862	50.07	-1.55	74.0	23.93	Peak	208.00	150	Vertical	Pass
5**	7460.862	40.34	-1.55	54.0	13.66	AV	208.00	150	Vertical	Pass
6	11041.675	54.04	3.06	74.0	19.96	Peak	105.00	400	Vertical	Pass
6**	11041.675	45.38	3.06	54.0	8.62	AV	105.00	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	1409.100	38.36	-17.42	74.0	35.64	Peak	247.00	100	Horizontal	Pass
1**	1409.100	29.21	-17.42	54.0	24.79	AV	247.00	100	Horizontal	Pass
2	2839.900	42.99	-11.69	74.0	31.01	Peak	103.00	300	Horizontal	Pass
2**	2839.900	33.03	-11.69	54.0	20.97	AV	103.00	300	Horizontal	Pass
3	4039.200	47.41	-8.48	74.0	26.59	Peak	182.00	100	Horizontal	Pass
3**	4039.200	37.81	-8.48	54.0	16.19	AV	182.00	100	Horizontal	Pass
4	5771.600	97.52	-4.47	--	--	Peak	248.00	200	Horizontal	N/A
4**	5771.600	89.89	-4.47	--	--	AV	248.00	200	Horizontal	N/A
5	7483.863	49.76	-1.56	74.0	24.24	Peak	340.00	200	Horizontal	Pass
5**	7483.863	39.85	-1.56	54.0	14.15	AV	340.00	200	Horizontal	Pass
6	11036.787	53.80	2.89	74.0	20.20	Peak	264.00	200	Horizontal	Pass
6**	11036.787	45.33	2.89	54.0	8.67	AV	264.00	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	1351.600	38.67	-17.00	74.0	35.33	Peak	62.00	400	Vertical	Pass
1**	1351.600	29.27	-17.00	54.0	24.73	AV	62.00	400	Vertical	Pass
2	2872.000	42.77	-11.76	74.0	31.23	Peak	108.00	200	Vertical	Pass
2**	2872.000	32.74	-11.76	54.0	21.26	AV	108.00	200	Vertical	Pass
3	4370.800	48.26	-8.28	74.0	25.74	Peak	360.00	150	Vertical	Pass
3**	4370.800	38.92	-8.28	54.0	15.08	AV	360.00	150	Vertical	Pass
4	5771.800	102.01	-4.59	--	--	Peak	83.00	300	Vertical	N/A
4**	5771.800	94.62	-4.59	--	--	AV	83.00	300	Vertical	N/A
5	7464.600	49.64	-1.67	74.0	24.36	Peak	34.00	150	Vertical	Pass
5**	7464.600	40.19	-1.67	54.0	13.81	AV	34.00	150	Vertical	Pass
6	11287.775	53.78	0.34	74.0	20.22	Peak	223.00	400	Vertical	Pass
6**	11287.775	44.20	0.34	54.0	9.80	AV	223.00	400	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
U-NII-2A	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
U-NII-2C	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
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(VHT80)	Low	Pass
		High	Pass

	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Note: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

Test Data

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	4887.075	59.02	-1.26	74.0	14.98	Peak	4.00	200	Vertical	Pass
1**	4887.075	44.76	-1.26	54.0	9.24	AV	4.00	200	Vertical	Pass
2	5150.000	56.48	0.06	74.0	17.52	Peak	82.00	200	Vertical	Pass
2**	5150.000	47.59	0.06	54.0	6.41	AV	82.00	200	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	54.95	-1.41	74.0	19.05	Peak	89.00	400	Vertical	Pass
1**	5350.000	45.33	-1.41	54.0	8.67	AV	89.00	400	Vertical	Pass
2	5385.200	58.86	-0.13	74.0	15.14	Peak	85.00	100	Vertical	Pass
2**	5385.200	46.29	-0.13	54.0	7.71	AV	85.00	100	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	5148.375	63.71	-0.08	74.0	10.29	Peak	82.00	100	Vertical	Pass
1**	5148.375	47.48	-0.08	54.0	6.52	AV	82.00	100	Vertical	Pass
2	5150.000	57.87	0.06	74.0	16.13	Peak	78.00	200	Vertical	Pass
2**	5150.000	47.37	0.06	54.0	6.63	AV	78.00	200	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	54.74	-1.41	74.0	19.26	Peak	306.00	300	Vertical	Pass
1**	5350.000	45.04	-1.41	54.0	8.96	AV	306.00	300	Vertical	Pass
2	5383.917	59.65	0.14	74.0	14.35	Peak	71.00	400	Vertical	Pass
2**	5383.917	46.76	0.14	54.0	7.24	AV	71.00	400	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	5136.350	64.29	-0.13	74.0	9.71	Peak	76.00	400	Vertical	Pass
1**	5136.350	47.61	-0.13	54.0	6.39	AV	76.00	400	Vertical	Pass
2	5150.000	59.81	0.06	74.0	14.19	Peak	81.00	300	Vertical	Pass
2**	5150.000	49.43	0.06	54.0	4.57	AV	81.00	300	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	54.76	-1.41	74.0	19.24	Peak	86.00	100	Vertical	Pass
1**	5350.000	44.96	-1.41	54.0	9.04	AV	86.00	100	Vertical	Pass
2	5381.167	58.67	0.76	74.0	15.33	Peak	94.00	200	Vertical	Pass
2**	5381.167	47.18	0.76	54.0	6.82	AV	94.00	200	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	5149.350	63.47	0.20	74.0	10.53	Peak	110.00	200	Vertical	Pass
1**	5149.350	47.36	0.20	54.0	6.64	AV	110.00	200	Vertical	Pass
2	5150.000	56.43	0.06	74.0	17.57	Peak	78.00	300	Vertical	Pass
2**	5150.000	47.54	0.06	54.0	6.46	AV	78.00	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	55.15	-1.41	74.0	18.85	Peak	86.00	100	Vertical	Pass
1**	5350.000	45.28	-1.41	54.0	8.72	AV	86.00	100	Vertical	Pass
2	5373.650	58.91	0.53	74.0	15.09	Peak	73.00	400	Vertical	Pass
2**	5373.650	47.09	0.53	54.0	6.91	AV	73.00	400	Vertical	Pass

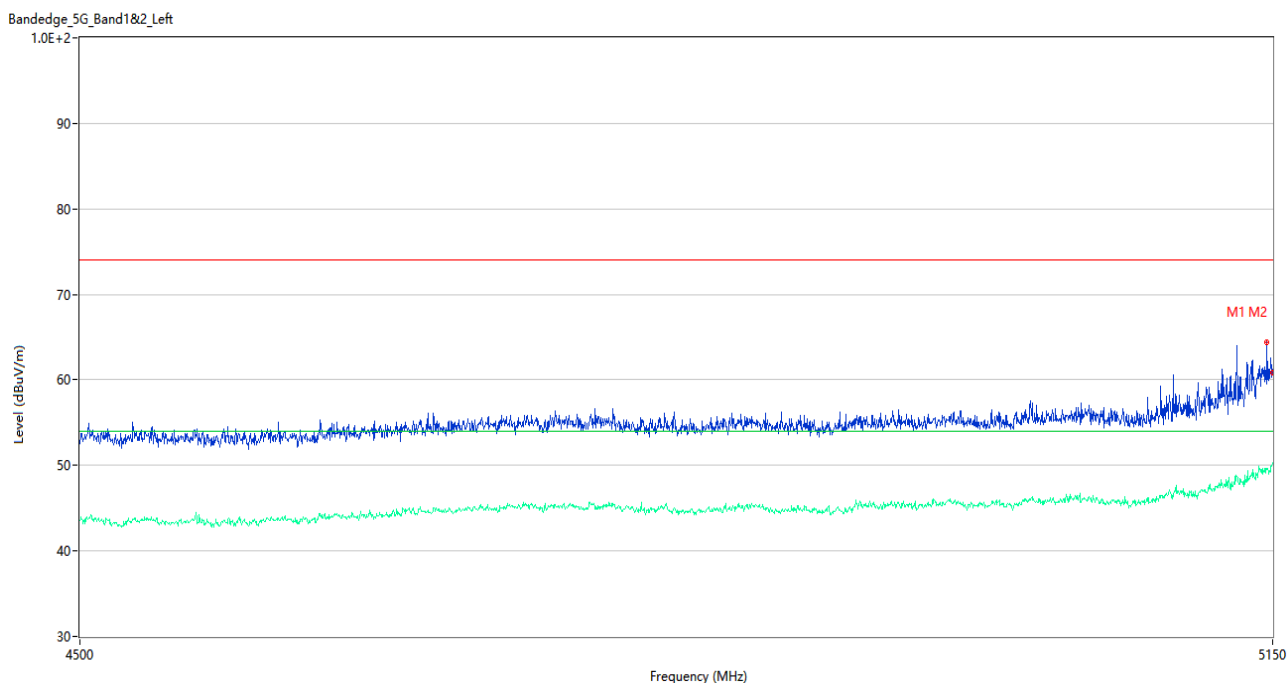
U-NII-1 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5136.675	65.43	-0.20	74.0	8.57	Peak	83.00	200	Vertical	Pass
1**	5136.675	47.05	-0.20	54.0	6.95	AV	83.00	200	Vertical	Pass
2	5150.000	59.97	0.06	74.0	14.03	Peak	78.00	200	Vertical	Pass
2**	5150.000	48.39	0.06	54.0	5.61	AV	78.00	200	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	54.47	-1.41	74.0	19.53	Peak	66.00	300	Vertical	Pass
1**	5350.000	45.03	-1.41	54.0	8.97	AV	66.00	300	Vertical	Pass
2	5433.600	58.47	-0.22	74.0	15.53	Peak	91.00	100	Vertical	Pass
2**	5433.600	46.24	-0.22	54.0	7.76	AV	91.00	100	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	5146.750	64.43	0.21	74.0	9.57	Peak	81.00	400	Vertical	Pass
1**	5146.750	49.47	0.21	54.0	4.53	AV	81.00	400	Vertical	Pass
2	5150.000	60.78	0.06	74.0	13.22	Peak	86.00	100	Vertical	Pass
2**	5150.000	50.28	0.06	54.0	3.72	AV	86.00	100	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	54.85	-1.41	74.0	19.15	Peak	94.00	300	Vertical	Pass
1**	5350.000	45.29	-1.41	54.0	8.71	AV	94.00	300	Vertical	Pass
2	5374.200	59.06	0.52	74.0	14.94	Peak	81.00	100	Vertical	Pass
2**	5374.200	46.82	0.52	54.0	7.18	AV	81.00	100	Vertical	Pass

U-NII-2A 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5118.475	58.04	-0.18	74.0	15.96	Peak	5.00	100	Vertical	Pass
1**	5118.475	46.65	-0.18	54.0	7.35	AV	5.00	100	Vertical	Pass
2	5150.000	57.10	0.06	74.0	16.90	Peak	97.00	400	Vertical	Pass
2**	5150.000	46.55	0.06	54.0	7.45	AV	97.00	400	Vertical	Pass

U-NII-2A 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	59.25	-1.41	74.0	14.75	Peak	79.00	100	Vertical	Pass
1**	5350.000	47.11	-1.41	54.0	6.89	AV	79.00	100	Vertical	Pass
2	5350.733	59.81	-1.06	74.0	14.19	Peak	82.00	400	Vertical	Pass
2**	5350.733	47.41	-1.06	54.0	6.59	AV	82.00	400	Vertical	Pass

U-NII-2A 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5031.050	57.81	0.15	74.0	16.19	Peak	0.00	200	Vertical	Pass
1**	5031.050	46.29	0.15	54.0	7.71	AV	0.00	200	Vertical	Pass
2	5150.000	55.68	0.06	74.0	18.32	Peak	10.00	400	Vertical	Pass
2**	5150.000	46.69	0.06	54.0	7.31	AV	10.00	400	Vertical	Pass

U-NII-2A 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	59.39	-1.41	74.0	14.61	Peak	78.00	400	Vertical	Pass
1**	5350.000	47.19	-1.41	54.0	6.81	AV	78.00	400	Vertical	Pass
2	5350.183	59.88	-1.32	74.0	14.12	Peak	82.00	300	Vertical	Pass
2**	5350.183	47.47	-1.32	54.0	6.53	AV	82.00	300	Vertical	Pass

U-NII-2A 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5137.975	57.72	-0.25	74.0	16.28	Peak	252.00	100	Vertical	Pass
1**	5137.975	46.31	-0.25	54.0	7.69	AV	252.00	100	Vertical	Pass
2	5150.000	57.28	0.06	74.0	16.72	Peak	62.00	300	Vertical	Pass
2**	5150.000	46.49	0.06	54.0	7.51	AV	62.00	300	Vertical	Pass

U-NII-2A 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	63.79	-1.41	74.0	10.21	Peak	81.00	400	Vertical	Pass
1**	5350.000	47.90	-1.41	54.0	6.10	AV	81.00	400	Vertical	Pass
2	5350.917	67.31	-1.03	74.0	6.69	Peak	81.00	200	Vertical	Pass
2**	5350.917	48.17	-1.03	54.0	5.83	AV	81.00	200	Vertical	Pass

U-NII-2A 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5139.600	57.55	-0.25	74.0	16.45	Peak	73.00	100	Vertical	Pass
1**	5139.600	46.30	-0.25	54.0	7.70	AV	73.00	100	Vertical	Pass
2	5150.000	56.18	0.06	74.0	17.82	Peak	156.00	400	Vertical	Pass
2**	5150.000	46.53	0.06	54.0	7.47	AV	156.00	400	Vertical	Pass

U-NII-2A 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	58.60	-1.41	74.0	15.40	Peak	80.00	100	Vertical	Pass
1**	5350.000	46.96	-1.41	54.0	7.04	AV	80.00	100	Vertical	Pass
2	5352.383	63.36	-0.61	74.0	10.64	Peak	64.00	300	Vertical	Pass
2**	5352.383	47.46	-0.61	54.0	6.54	AV	64.00	300	Vertical	Pass

U-NII-2A 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5142.525	58.36	0.31	74.0	15.64	Peak	212.00	300	Vertical	Pass
1**	5142.525	46.90	0.31	54.0	7.10	AV	212.00	300	Vertical	Pass
2	5150.000	55.91	0.06	74.0	18.09	Peak	249.00	300	Vertical	Pass
2**	5150.000	46.69	0.06	54.0	7.31	AV	249.00	300	Vertical	Pass

U-NII-2A 11ac40 High Channel

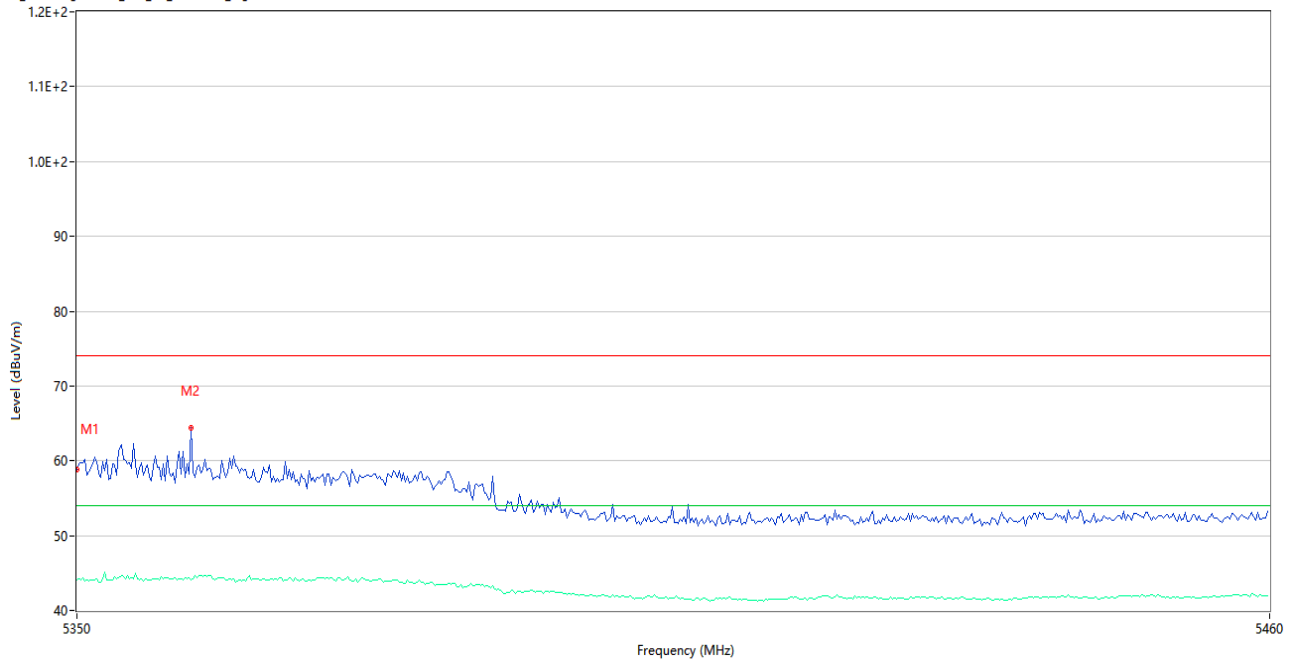
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	65.64	-1.41	74.0	8.36	Peak	73.00	200	Vertical	Pass
1**	5350.000	48.23	-1.41	54.0	5.77	AV	73.00	200	Vertical	Pass
2	5350.917	67.16	-1.03	74.0	6.84	Peak	81.00	300	Vertical	Pass
2**	5350.917	48.05	-1.03	54.0	5.95	AV	81.00	300	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4698.575	57.64	-1.88	74.0	16.36	Peak	236.00	100	Vertical	Pass
1**	4698.575	44.94	-1.88	54.0	9.06	AV	236.00	100	Vertical	Pass
2	5150.000	55.79	0.06	74.0	18.21	Peak	225.00	100	Vertical	Pass
2**	5150.000	46.60	0.06	54.0	7.40	AV	225.00	100	Vertical	Pass

U-NII-2A 11ac80 Middle Channel

3#_Bandedge - ATT_FCC_5G_Band1&2_Right



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.76	74.0	15.24	Peak	197.00	200	Horizontal	Pass
1**	5350.000	44.06	54.0	9.94	AV	197.00	200	Horizontal	Pass
2	5360.450	64.40	74.0	9.60	Peak	186.00	150	Horizontal	Pass
2**	5360.450	44.01	54.0	9.99	AV	186.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5428.400	58.07	-0.13	74.0	15.93	Peak	87.00	200	Vertical	Pass
1**	5428.400	46.49	-0.13	54.0	7.51	AV	87.00	200	Vertical	Pass
2	5460.000	57.82	-0.92	74.0	16.18	Peak	69.00	200	Vertical	Pass
2**	5460.000	46.59	-0.92	54.0	7.41	AV	69.00	200	Vertical	Pass
3	5468.000	60.24	-0.02	68.2	7.96	Peak	74.00	100	Vertical	Pass
3**	5468.000	47.96	-0.02	--	--	AV	74.00	100	Vertical	N/A
4	5470.000	57.50	-0.10	68.2	10.70	Peak	65.00	200	Vertical	Pass
4**	5470.000	47.90	-0.10	--	--	AV	65.00	200	Vertical	N/A

U-NII-2C 11a High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.10	-0.12	68.2	6.10	Peak	79.00	100	Vertical	Pass
2	5726.250	62.45	0.04	68.2	5.75	Peak	95.00	400	Vertical	Pass

U-NII-2C 11n20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5370.000	57.96	0.20	74.0	16.04	Peak	81.00	400	Vertical	Pass
1**	5370.000	46.07	0.20	54.0	7.93	AV	81.00	400	Vertical	Pass
2	5460.000	55.83	-0.92	74.0	18.17	Peak	98.00	400	Vertical	Pass
2**	5460.000	46.55	-0.92	54.0	7.45	AV	98.00	400	Vertical	Pass
3	5467.000	60.07	-0.48	68.2	8.13	Peak	90.00	200	Vertical	Pass
3**	5467.000	47.64	-0.48	--	--	AV	90.00	200	Vertical	N/A
4	5470.000	57.02	-0.10	68.2	11.18	Peak	90.00	400	Vertical	Pass
4**	5470.000	48.02	-0.10	--	--	AV	90.00	400	Vertical	N/A

U-NII-2C 11n20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.94	-0.12	68.2	10.26	Peak	75.00	400	Vertical	Pass
2	5725.416	59.42	-0.11	68.2	8.78	Peak	332.00	100	Vertical	Pass

U-NII-2C 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5417.800	58.05	-0.19	74.0	15.95	Peak	50.00	200	Vertical	Pass
1**	5417.800	46.08	-0.19	54.0	7.92	AV	50.00	200	Vertical	Pass
2	5460.000	59.64	-0.92	74.0	14.36	Peak	80.00	100	Vertical	Pass
2**	5460.000	46.60	-0.92	54.0	7.40	AV	80.00	100	Vertical	Pass
3	5460.400	61.70	-0.99	68.2	6.50	Peak	80.00	400	Vertical	Pass
3**	5460.400	46.68	-0.99	--	--	AV	80.00	400	Vertical	N/A
4	5470.000	61.71	-0.10	68.2	6.49	Peak	75.00	400	Vertical	Pass
4**	5470.000	48.82	-0.10	--	--	AV	75.00	400	Vertical	N/A

U-NII-2C 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.82	-0.12	68.2	10.38	Peak	250.00	200	Vertical	Pass
2	5773.334	59.53	1.59	68.2	8.67	Peak	95.00	100	Vertical	Pass

U-NII-2C 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5378.200	58.14	0.38	74.0	15.86	Peak	330.00	300	Vertical	Pass
1**	5378.200	46.32	0.38	54.0	7.68	AV	330.00	300	Vertical	Pass
2	5460.000	56.19	-0.92	74.0	17.81	Peak	360.00	300	Vertical	Pass
2**	5460.000	46.70	-0.92	54.0	7.30	AV	360.00	300	Vertical	Pass
3	5468.600	62.57	-0.31	68.2	5.63	Peak	72.00	300	Vertical	Pass
3**	5468.600	47.58	-0.31	--	--	AV	72.00	300	Vertical	N/A
4	5470.000	62.44	-0.10	68.2	5.76	Peak	89.00	300	Vertical	Pass
4**	5470.000	48.28	-0.10	--	--	AV	89.00	300	Vertical	N/A

U-NII-2C 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.93	-0.12	68.2	10.27	Peak	81.00	100	Vertical	Pass
2	5730.417	63.36	-0.06	68.2	4.84	Peak	72.00	200	Vertical	Pass

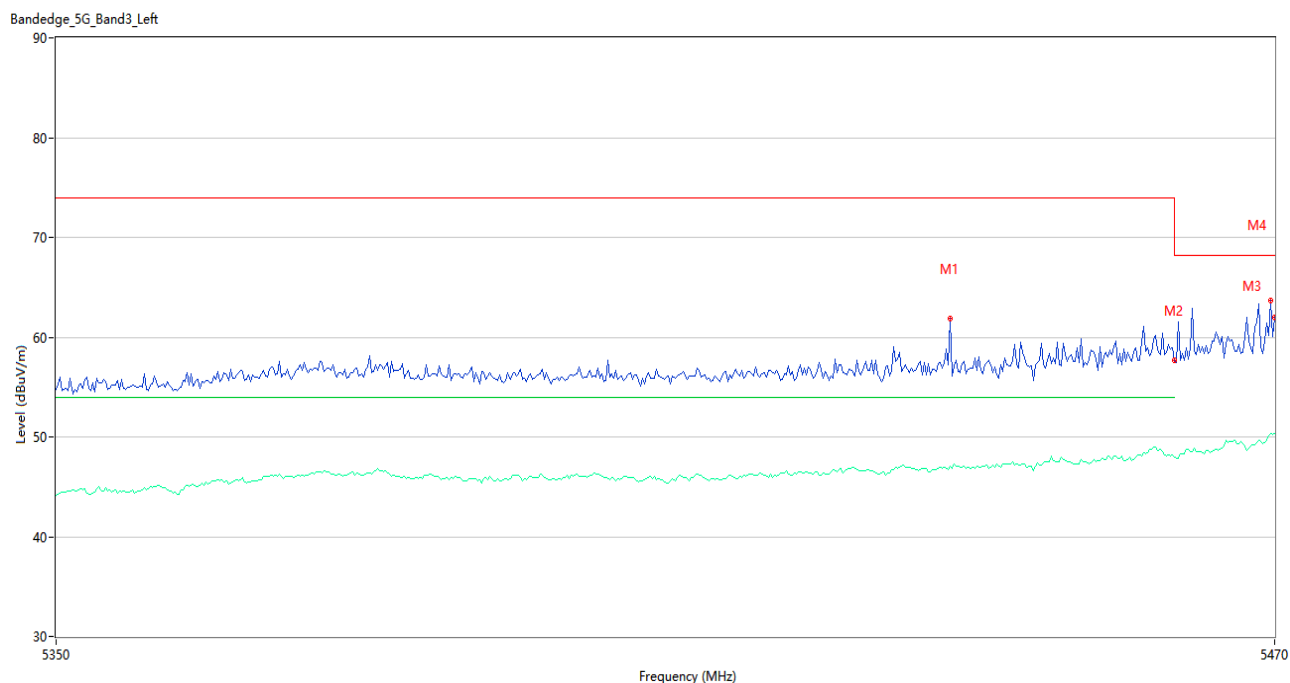
U-NII-2C 11ac40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.000	59.40	-0.81	74.0	14.60	Peak	73.00	200	Vertical	Pass
1**	5459.000	46.74	-0.81	54.0	7.26	AV	73.00	200	Vertical	Pass
2	5460.000	55.80	-0.92	74.0	18.20	Peak	64.00	300	Vertical	Pass
2**	5460.000	46.69	-0.92	54.0	7.31	AV	64.00	300	Vertical	Pass
3	5462.000	59.81	-0.87	68.2	8.39	Peak	68.00	300	Vertical	Pass
3**	5462.000	46.74	-0.87	--	--	AV	68.00	300	Vertical	N/A
4	5470.000	57.76	-0.10	68.2	10.44	Peak	90.00	300	Vertical	Pass
4**	5470.000	48.33	-0.10	--	--	AV	90.00	300	Vertical	N/A

U-NII-2C 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.19	-0.12	68.2	11.01	Peak	134.00	300	Vertical	Pass
2	5781.250	59.17	0.90	68.2	9.03	Peak	199.00	100	Vertical	Pass

U-NII-2C 11ac80 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5437.800	61.88	-0.61	74.0	12.12	Peak	86.00	400	Vertical	Pass
1**	5437.800	47.04	-0.61	54.0	6.96	AV	86.00	400	Vertical	Pass
2	5460.000	57.70	-0.92	74.0	16.30	Peak	81.00	100	Vertical	Pass
2**	5460.000	47.95	-0.92	54.0	6.05	AV	81.00	100	Vertical	Pass
3	5469.600	63.67	-0.26	68.2	4.53	Peak	90.00	300	Vertical	Pass
3**	5469.600	50.30	-0.26	--	--	AV	90.00	300	Vertical	N/A
4	5470.000	61.98	-0.10	68.2	6.22	Peak	76.00	400	Vertical	Pass
4**	5470.000	50.33	-0.10	--	--	AV	76.00	400	Vertical	N/A

U-NII-2C 11ac80 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.39	-0.12	68.2	10.81	Peak	46.00	400	Vertical	Pass
2	5777.291	58.99	1.19	68.2	9.21	Peak	343.00	400	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	5647.709	61.96	-0.07	68.2	6.24	Peak	82.00	300	Vertical	Pass
2	5650.000	59.42	0.18	68.2	8.78	Peak	80.00	200	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	5924.750	57.21	0.09	68.4	11.19	Peak	59.00	300	Vertical	Pass
2	5925.750	60.16	0.50	68.2	8.04	Peak	74.00	300	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	5641.250	61.67	0.21	68.2	6.53	Peak	76.00	100	Vertical	Pass
2	5650.000	59.81	0.18	68.2	8.39	Peak	86.00	100	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	5924.750	57.54	0.09	68.4	10.86	Peak	222.00	300	Vertical	Pass
2	5929.000	59.74	0.48	68.2	8.46	Peak	78.00	100	Vertical	Pass

U-NII-3 11n40 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5642.916	60.74	0.12	68.2	7.46	Peak	84.00	400	Vertical	Pass
2	5650.000	59.58	0.18	68.2	8.62	Peak	77.00	200	Vertical	Pass

U-NII-3 11n40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.70	0.09	68.4	11.70	Peak	7.00	200	Vertical	Pass
2	5931.250	59.63	1.08	68.2	8.57	Peak	65.00	100	Vertical	Pass

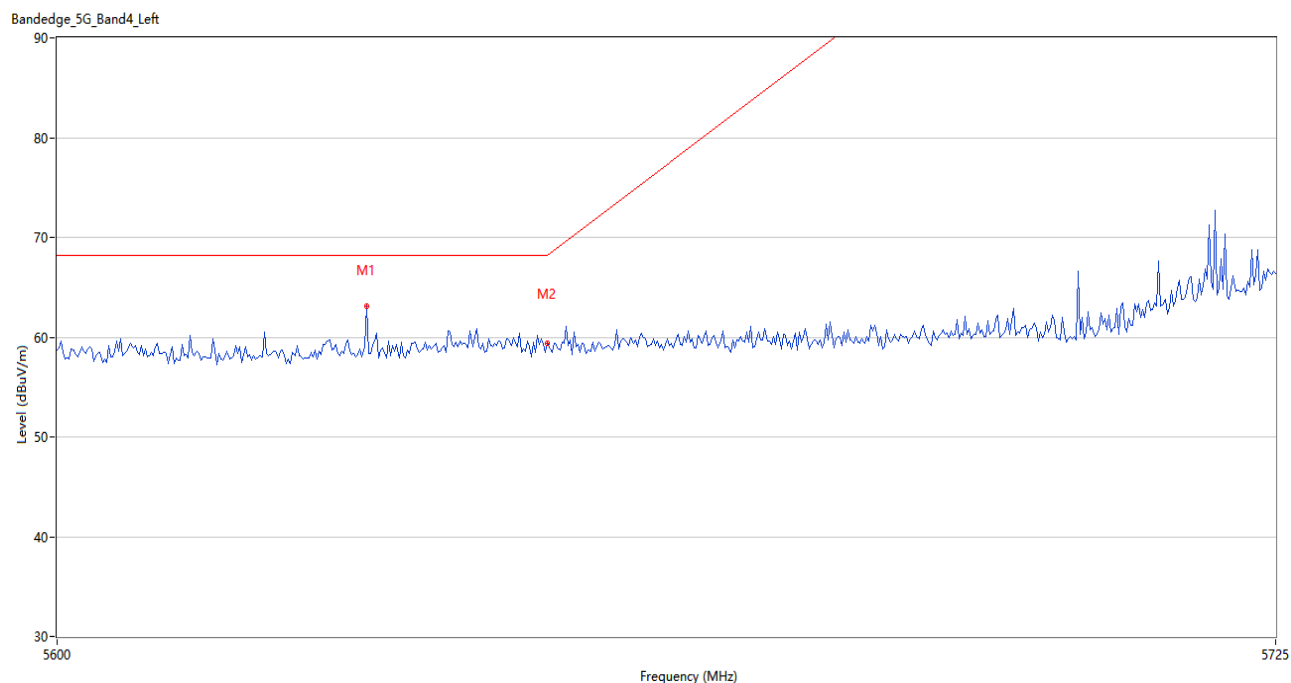
U-NII-3 11ac20 Low Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.917	60.72	-0.16	68.2	7.48	Peak	76.00	200	Vertical	Pass
2	5650.000	59.31	0.18	68.2	8.89	Peak	89.00	400	Vertical	Pass

U-NII-3 11ac20 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.78	0.09	68.4	10.62	Peak	77.00	100	Vertical	Pass
2	5935.500	60.38	0.94	68.2	7.82	Peak	79.00	300	Vertical	Pass

U-NII-3 11ac40 Low Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5631.458	63.12	-0.50	68.2	5.08	Peak	353.00	300	Vertical	Pass
2	5650.000	59.34	0.18	68.2	8.86	Peak	79.00	300	Vertical	Pass

U-NII-3 11ac40 High Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	58.49	0.09	68.4	9.91	Peak	73.00	100	Vertical	Pass
2	5950.250	59.90	0.24	68.2	8.30	Peak	78.00	300	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.458	59.16	0.06	68.2	9.04	Peak	324.00	300	Vertical	Pass
2	5650.000	56.80	0.18	68.2	11.40	Peak	354.00	200	Vertical	Pass

U-NII-3 11ac80 Middle Channel

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.88	0.09	68.4	10.52	Peak	348.00	100	Vertical	Pass
2	5958.250	61.76	0.62	68.2	6.44	Peak	353.00	400	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26030228-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26030228-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26030228-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--