FCC RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Mobile Phone

ISSUED TO
vivo Mobile Communication Co., Ltd.

#283, BBK Road, Wusha, Chang'An, DongGuan City, China

Prepared by: Ye Hongji
Date: Dec. 25, 2020

Approved by: Wei Yanquan (Chief Engineer)
Date: Dec. 25, 2020

Report No.:	BL-SZ20B0750-604
EUT Name:	Mobile Phone
Model Name:	V2035
Brand Name:	vivo
Test Standard:	47 CFR Part 15 Subpart E
FCC ID:	2AUCY-V2035
Test Conclusion:	Pass
Test Date:	Nov. 25, 2020 ~ Dec. 17, 2020
Date of Issue:	Dec. 25, 2020

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Dec. 25, 2020	Initial Issue

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

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

1.4 Announce

(1) The test report reference to the report template version v4.4.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.

(5) This document may not be altered or revised in any way unless done so by BALUN and all revisions are duly noted in the revisions section.

(6) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

(7) The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	vivo Mobile Communication Co., Ltd.
Address	#283, BBK Road, Wusha, Chang'An, DongGuan City, China

2.2 Manufacturer

Manufacturer	vivo Mobile Communication Co., Ltd.
Address	#283, BBK Road, Wusha, Chang'An, DongGuan City, China

2.3 Factory

Factory	vivo Mobile Communication Co., Ltd.
Address	#283, BBK Road, Wusha, Chang'An, DongGuan City, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	V2035
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	MP_0.1
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3

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

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 16.58 dBm U-NII-2A: 16.86 dBm U-NII-2C: 16.78 dBm U-NII-3: 16.79 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	-3.5 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software Version	QRCT4		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

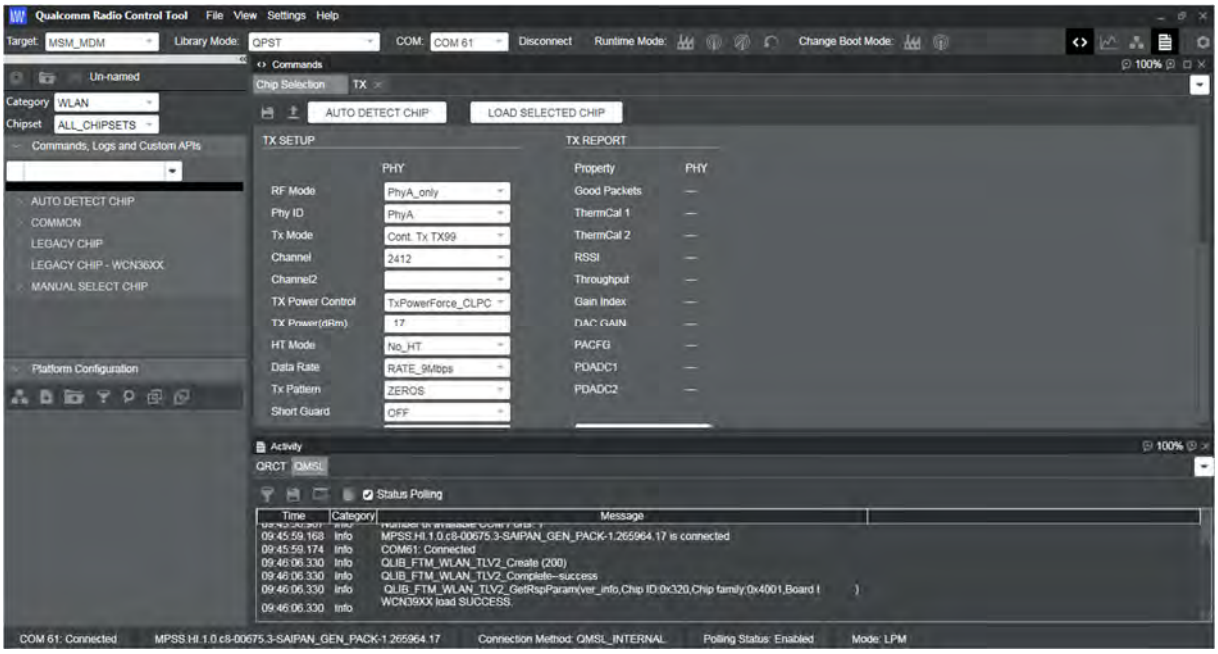
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	18.0
11a	CH44	5220	18.0
11a	CH48	5240	18.0
11n (HT20)	CH36	5180	18.0
11n (HT20)	CH44	5220	18.0
11n (HT20)	CH48	5240	18.0
11n (HT40)	CH38	5190	15.5
11n (HT40)	CH46	5230	17.0
11ac (VHT20)	CH36	5180	17.0
11ac (VHT20)	CH44	5220	17.0
11ac (VHT20)	CH48	5240	17.0
11ac (VHT40)	CH38	5190	16.5
11ac (VHT40)	CH46	5230	16.5
11ac (VHT80)	CH42	5210	14.5

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	18.0
11a	CH60	5300	18.0
11a	CH64	5320	14.0
11n (HT20)	CH52	5260	18.0
11n (HT20)	CH60	5300	18.0
11n (HT20)	CH64	5320	14.5
11n (HT40)	CH54	5270	17.0
11n (HT40)	CH62	5310	15.0
11ac (VHT20)	CH52	5260	17.0
11ac (VHT20)	CH60	5300	17.0
11ac (VHT20)	CH64	5320	15.0
11ac (VHT40)	CH54	5270	16.5
11ac (VHT40)	CH62	5310	14.5
11ac (VHT80)	CH58	5290	15.0

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	18.0
11a	CH116	5580	18.0
11a	CH140	5700	18.0
11n (HT20)	CH100	5500	18.0
11n (HT20)	CH116	5580	18.0
11n (HT20)	CH140	5700	18.0
11n (HT20)	CH144	5720	18.0
11n (HT40)	CH102	5510	18.0
11n (HT40)	CH118	5590	16.5
11n (HT40)	CH134	5670	17.5
11n (HT40)	CH142	5710	17.5
11ac (VHT20)	CH100	5500	17.5
11ac (VHT20)	CH116	5580	17.5
11ac (VHT20)	CH140	5700	17.5
11ac (VHT40)	CH102	5510	17.5
11ac (VHT40)	CH118	5590	17.5
11ac (VHT40)	CH134	5670	16.5
11ac (VHT80)	CH106	5530	16.5
11ac (VHT80)	CH122	5610	16.5
11ac (VHT80)	CH138	5690	16.5

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	18.0
11a	CH157	5785	18.0
11a	CH165	5825	18.0
11n (HT20)	CH149	5745	18.0
11n (HT20)	CH157	5785	18.0
11n (HT20)	CH165	5825	18.0
11n (HT40)	CH151	5755	17.5
11n (HT40)	CH159	5795	17.5
11ac (VHT20)	CH149	5745	17.0
11ac (VHT20)	CH157	5785	17.0
11ac (VHT20)	CH165	5825	17.0
11ac (VHT40)	CH151	5755	16.5
11ac (VHT40)	CH159	5795	16.5
11ac (VHT80)	CH155	5775	15.5

Run Software



2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**58**	**5290**
44	**5220**	**54**	**5270**	**106**	**5530**
48	**5240**	**62**	**5310**	**138**	**5690**
52	**5260**	**102**	**5510**	**155**	**5775**
56	5280	110	5550		
60	**5300**	**134**	**5670**		
64	**5320**	**142**	**5710**		
100	**5500**	**151**	**5755**		
104	5520	**159**	**5795**		
108	5540				
112	5560				
116	**5580**				
132	5660				
136	5680				
140	**5700**				
144	**5720**				
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

Note: Until further notice, devices subject to this section shall not be capable of transmitting in the band 5600-5650 MHz. This restriction is for the protection of weather radars operating in this band.

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

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

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E (10-1-16 Edition)	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 C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

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

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

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22℃ to +25℃
	LT (Low Temperature)	0℃
	HT (High Temperature)	+55℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2020.06.08	2021.06.07
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2020.06.08	2021.06.07
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2020.06.08	2021.06.07
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
Temperature Chamber	AHK	SP20	1412	2020.06.10	2021.06.09
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2021.07.01
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2019.01.06	2021.01.05
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2022.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2018.08.08	2021.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2020.06.08	2021.06.07
Power Amplifier	OPHIR RF	5225F	1037	2020.02.19	2021.02.18
Power Amplifier	OPHIR RF	5273F	1016	2020.02.19	2021.02.18
Directional Coupler	Werlantone	C5982-10	109275	N/A	N/A
Directional Coupler	Werlantone	CHP-273E	S00801z-01	N/A	N/A

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Sound Level Meter	B&K	NL-20	00844023	2020.10.23	2021.10.22
Ear Simulator	B&K	4192-L-001	3038758	2020.02.19	2021.02.18
Audio analyzer	B&K	UPL 16	100129	2020.02.28	2021.02.27

4.3 Measurement Uncertainty

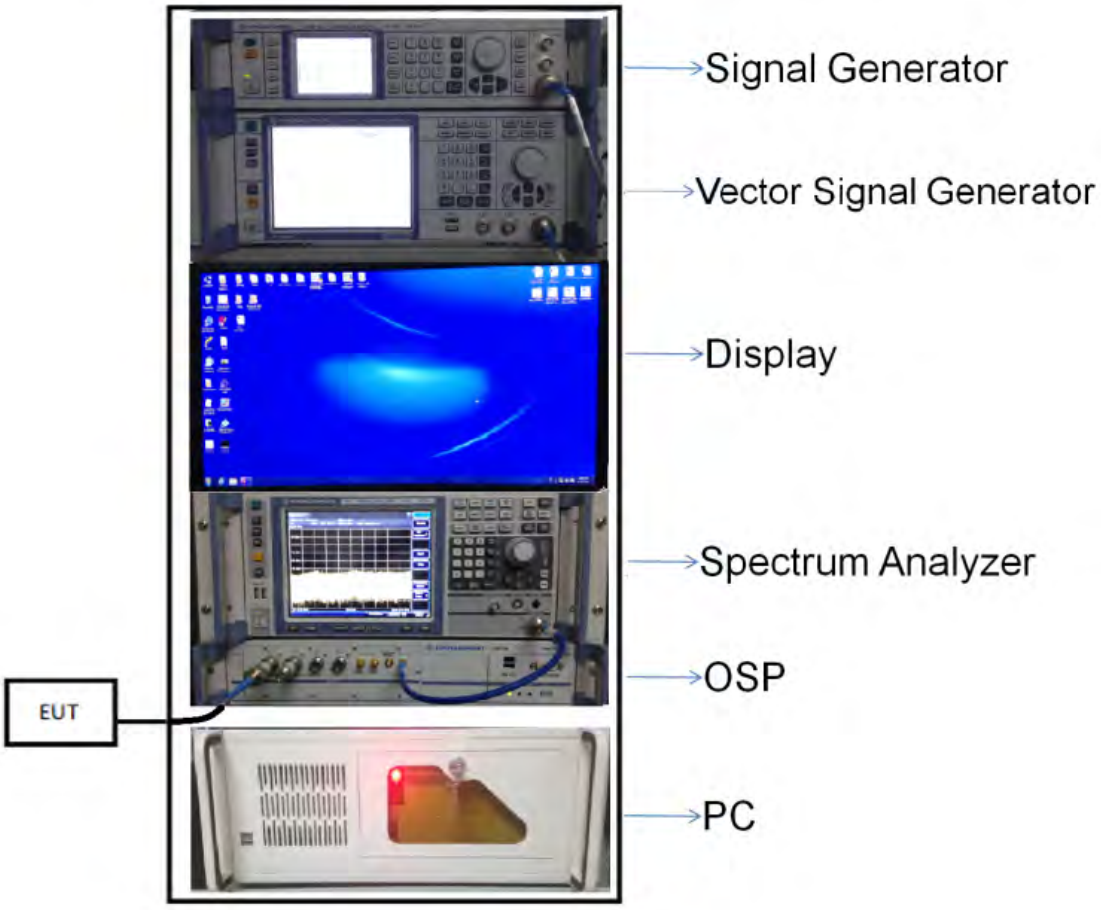
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
Occupied Channel Bandwidth	±4%
RF output power, conducted	±1.4 dB
Power Spectral Density, conducted	±2.5 dB
Unwanted Emissions, conducted	±2.8 dB
All emissions, radiated	±5.4 dB
Temperature	±1°C
Humidity	±4%

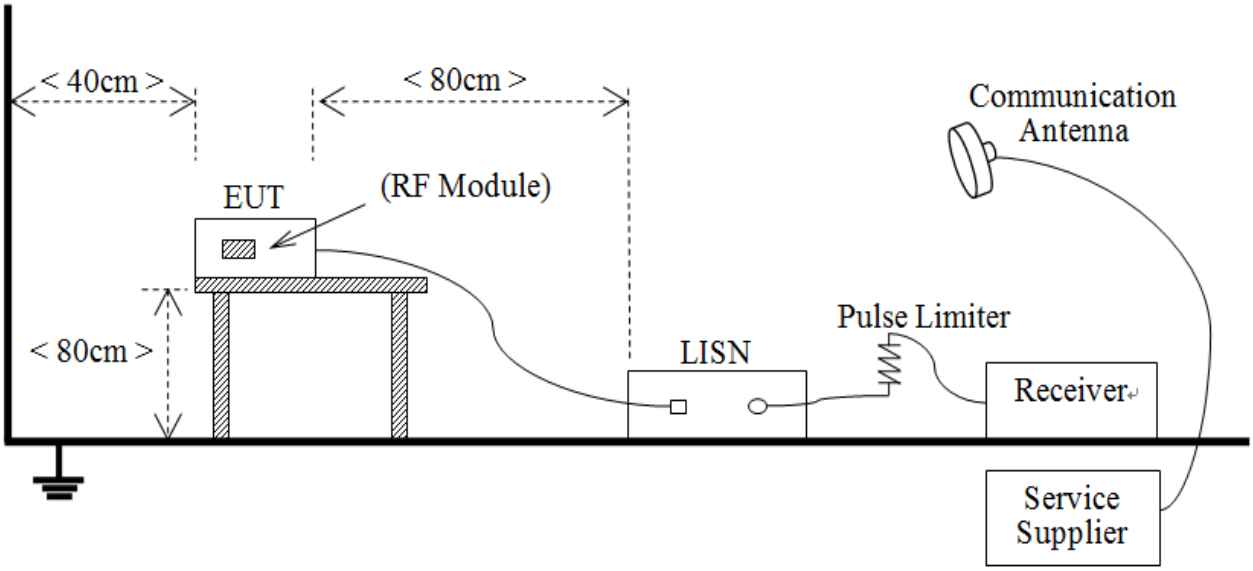
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



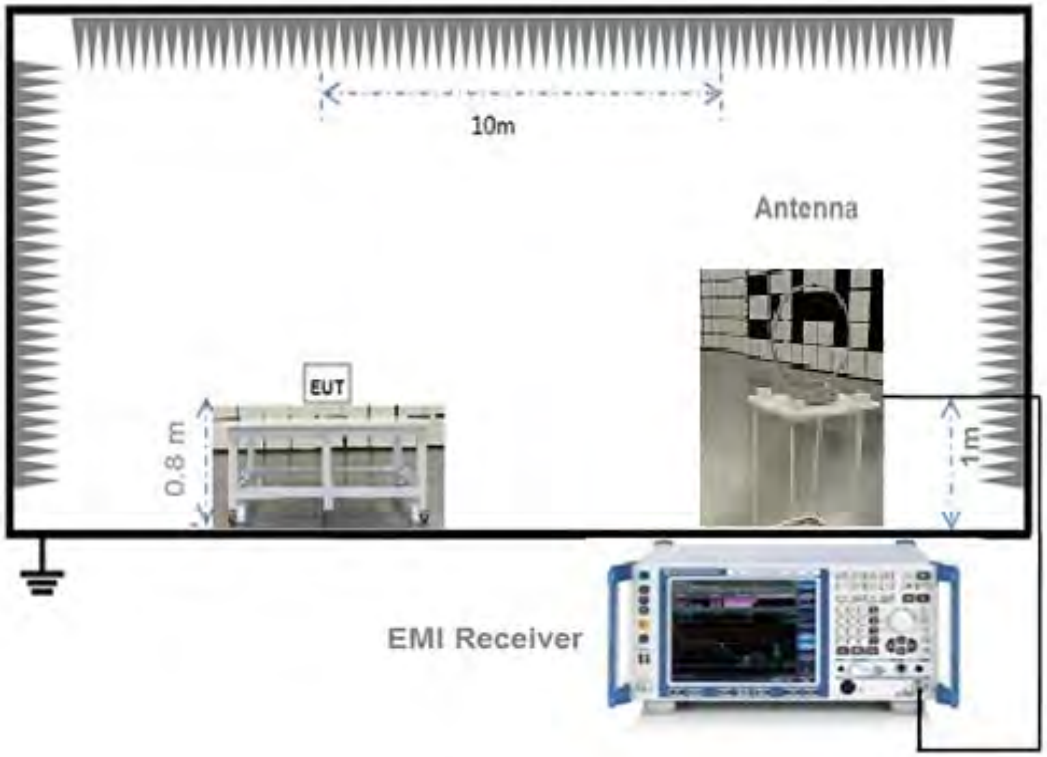
(Diagram 1)

4.4.2 For AC Power Supply Port Test



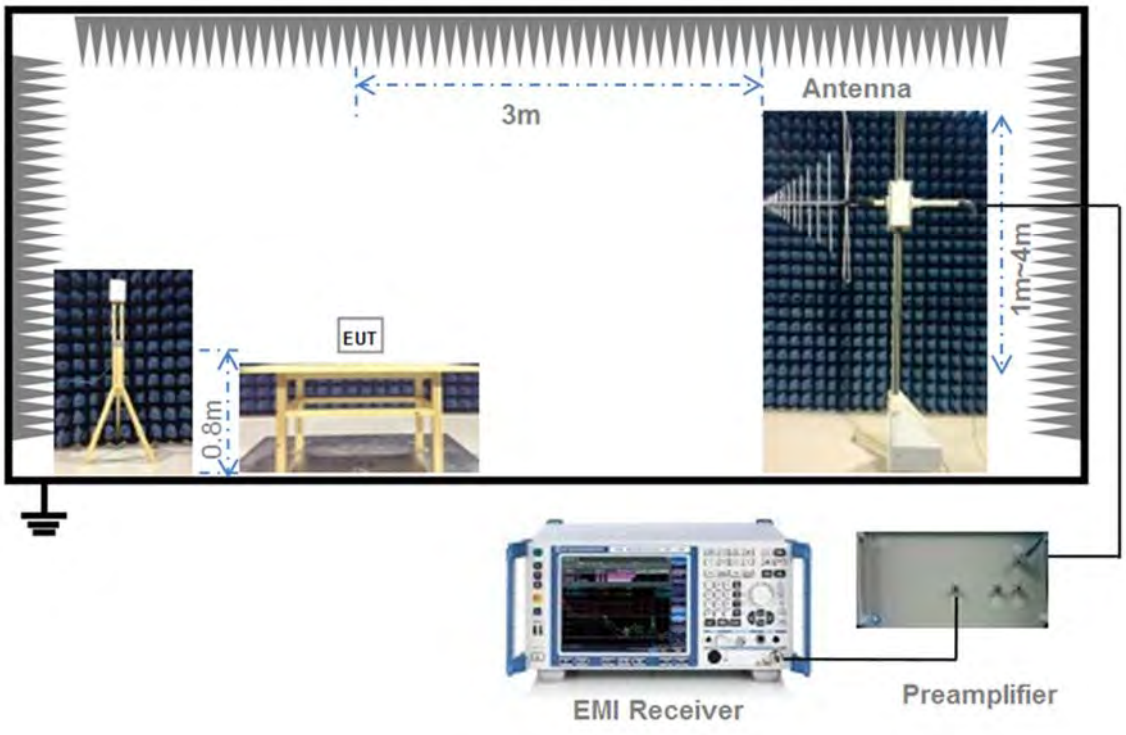
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



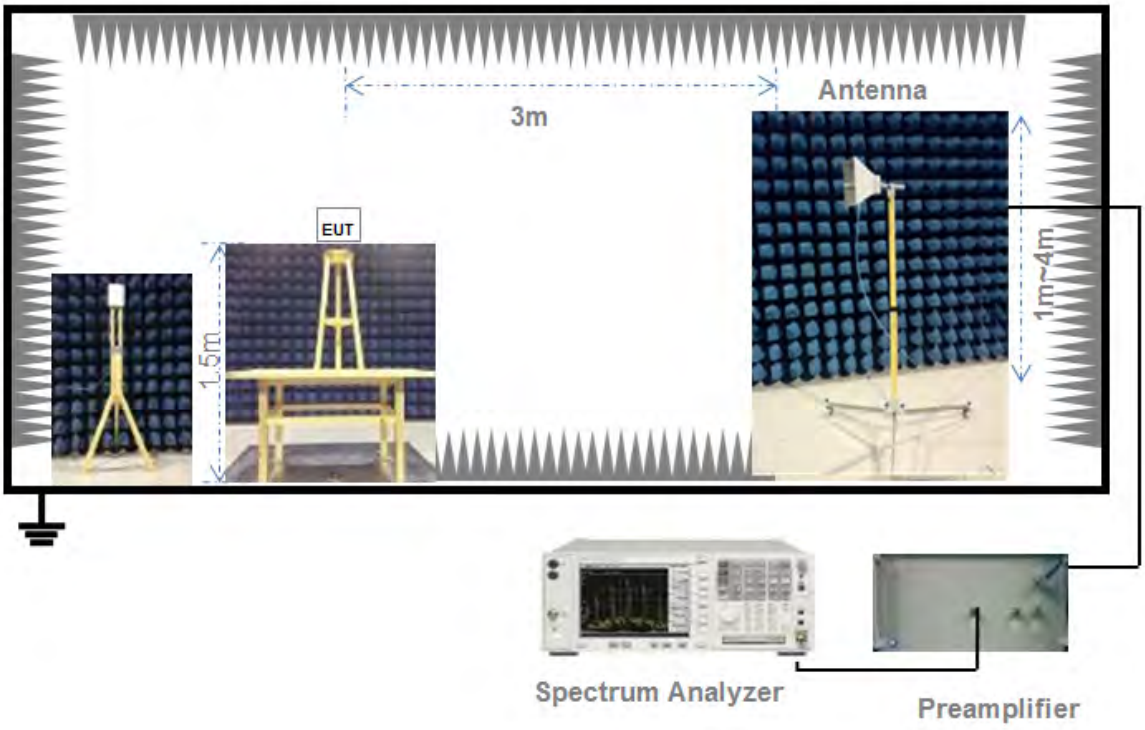
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

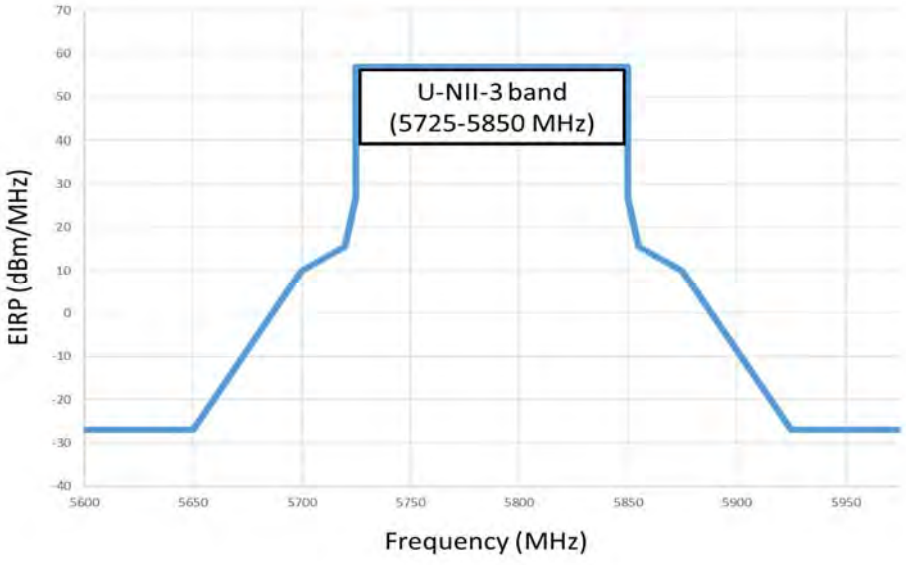
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note [1]: The Limit for radiated test was performed according to FCC Part 15C
Note [2]: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

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

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

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

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

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

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

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is 10 log(1/x), where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is 20 log(1/x), where x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW

Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.56	45.29	250	Pass
11a	CH44	16.58	45.50	250	Pass
11a	CH48	16.55	45.19	250	Pass
11n (HT20)	CH36	16.38	43.45	250	Pass
11n (HT20)	CH44	16.40	43.65	250	Pass
11n (HT20)	CH48	16.38	43.45	250	Pass
11n (HT40)	CH38	14.38	27.42	250	Pass
11n (HT40)	CH46	16.25	42.17	250	Pass
11ac (VHT20)	CH36	15.41	34.75	250	Pass
11ac (VHT20)	CH44	15.44	34.99	250	Pass
11ac (HVT20)	CH48	15.50	35.48	250	Pass
11ac (VHT40)	CH38	15.69	37.07	250	Pass
11ac (VHT40)	CH46	15.79	37.93	250	Pass
11ac (VHT80)	CH42	13.23	21.04	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	16.71	46.88	250	Pass
11a	CH60	16.86	48.53	250	Pass
11a	CH64	13.29	21.33	250	Pass
11n (HT20)	CH52	16.65	46.24	250	Pass
11n (HT20)	CH60	16.69	46.67	250	Pass
11n (HT20)	CH64	13.72	23.55	250	Pass
11n (HT40)	CH54	16.48	44.46	250	Pass
11n (HT40)	CH62	14.86	30.62	250	Pass
11ac (VHT20)	CH52	15.59	36.22	250	Pass
11ac (VHT20)	CH60	15.79	37.93	250	Pass
11ac (HVT20)	CH64	13.69	23.39	250	Pass
11ac (VHT40)	CH54	15.79	37.93	250	Pass
11ac (VHT40)	CH62	14.11	25.76	250	Pass
11ac (VHT80)	CH58	14.36	27.29	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	16.60	45.71	250	Pass
11a	CH116	16.64	46.13	250	Pass
11a	CH140	16.34	43.05	250	Pass
11a	CH144	16.27	42.36	250	Pass
11n (HT20)	CH100	16.45	44.16	250	Pass
11n (HT20)	CH116	16.42	43.85	250	Pass
11n (HT20)	CH140	16.21	41.78	250	Pass
11n (HT20)	CH144	16.16	41.30	250	Pass
11n (HT40)	CH102	15.71	37.24	250	Pass
11n (HT40)	CH118	16.78	47.64	250	Pass
11n (HT40)	CH134	16.56	45.29	250	Pass
11n (HT40)	CH142	16.36	43.25	250	Pass
11ac (VHT20)	CH100	15.82	38.19	250	Pass
11ac (VHT20)	CH116	15.78	37.84	250	Pass
11ac (VHT20)	CH140	15.76	37.67	250	Pass
11ac (VHT20)	CH144	15.68	36.98	250	Pass
11ac (VHT40)	CH102	15.79	37.93	250	Pass
11ac (VHT40)	CH118	15.80	38.02	250	Pass
11ac (VHT40)	CH134	15.59	36.22	250	Pass
11ac (VHT40)	CH142	15.41	34.75	250	Pass
11ac (VHT80)	CH106	14.47	27.99	250	Pass
11ac (VHT80)	CH122	14.94	31.19	250	Pass
11ac (VHT80)	CH138	14.63	29.04	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	16.27	42.36	1000	Pass
11a	CH149	16.18	41.50	1000	Pass
11a	CH157	16.38	43.45	1000	Pass
11a	CH165	16.79	47.75	1000	Pass
11n (HT20)	CH144	16.16	41.30	1000	Pass
11n (HT20)	CH149	16.01	39.90	1000	Pass
11n (HT20)	CH157	16.23	41.98	1000	Pass
11n (HT20)	CH165	16.60	45.71	1000	Pass
11n (HT40)	CH142	16.36	43.25	1000	Pass
11n (HT40)	CH151	16.16	41.30	1000	Pass
11n (HT40)	CH159	16.38	43.45	1000	Pass
11ac (VHT20)	CH144	15.68	36.98	1000	Pass
11ac (VHT20)	CH149	15.09	32.28	1000	Pass
11ac (VHT20)	CH157	15.34	34.20	1000	Pass
11ac (VHT20)	CH165	15.62	36.48	1000	Pass
11ac (VHT40)	CH142	15.41	34.75	1000	Pass
11ac (VHT40)	CH151	15.11	32.43	1000	Pass
11ac (VHT40)	CH159	15.43	34.91	1000	Pass
11ac (VHT80)	CH138	14.63	29.04	1000	Pass
11ac (VHT80)	CH155	14.48	28.05	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ20B0750-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	22.64	16.67
11a	CH44	22.52	16.73
11a	CH48	22.60	16.61
11n (HT20)	CH36	23.00	17.77
11n (HT20)	CH44	23.00	17.77
11n (HT20)	CH48	23.16	17.77
11n (HT40)	CH38	41.90	36.35
11n (HT40)	CH46	42.10	36.47
11ac (VHT20)	CH36	23.12	17.77
11ac (VHT20)	CH44	23.28	17.89
11ac (HVT20)	CH48	23.08	17.77
11ac (VHT40)	CH38	41.80	36.47
11ac (VHT40)	CH46	41.70	36.47
11ac (VHT80)	CH42	90.60	76.18

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.64	16.67
11a	CH60	22.64	16.73
11a	CH64	22.16	16.67
11n (HT20)	CH52	23.08	17.83
11n (HT20)	CH60	23.28	17.77
11n (HT20)	CH64	23.04	17.77
11n (HT40)	CH54	41.90	36.35
11n (HT40)	CH62	42.00	36.47
11ac (VHT20)	CH52	23.08	17.77
11ac (VHT20)	CH60	23.04	17.77
11ac (VHT20)	CH64	22.96	17.83
11ac (VHT40)	CH54	41.70	36.47
11ac (VHT40)	CH62	41.90	36.47
11ac (VHT80)	CH58	90.80	76.64

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.48	16.67
11a	CH116	21.80	16.61
11a	CH140	22.40	16.67
11a	CH144	21.88	16.56
11n (HT20)	CH100	23.32	17.83
11n (HT20)	CH116	22.60	17.71
11n (HT20)	CH140	22.60	17.77
11n (HT20)	CH144	22.56	17.71
11n (HT40)	CH102	41.80	36.35
11n (HT40)	CH118	42.10	36.35
11n (HT40)	CH134	41.80	36.47
11n (HT40)	CH142	41.60	36.35
11ac (VHT20)	CH100	22.68	17.83
11ac (VHT20)	CH116	22.76	17.83
11ac (VHT20)	CH140	22.84	17.77
11ac (VHT20)	CH144	22.68	17.77
11ac (VHT40)	CH102	41.70	36.35
11ac (VHT40)	CH118	41.70	36.35
11ac (VHT40)	CH134	41.90	36.35
11ac (VHT40)	CH142	41.90	36.35
11ac (VHT80)	CH106	86.80	76.41
11ac (VHT80)	CH122	86.40	76.18
11ac (VHT80)	CH138	91.00	76.18

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	22.00	16.61
11a	CH157	22.12	16.67
11a	CH165	22.16	16.61
11n (HT20)	CH149	22.80	17.77
11n (HT20)	CH157	22.80	17.77
11n (HT20)	CH165	22.72	17.77
11n (HT40)	CH151	42.10	36.47
11n (HT40)	CH159	41.80	36.35
11ac (VHT20)	CH149	22.72	17.77
11ac (VHT20)	CH157	22.92	17.77
11ac (VHT20)	CH165	22.80	17.77
11ac (VHT40)	CH151	42.00	36.47
11ac (VHT40)	CH159	41.70	36.35
11ac (VHT80)	CH155	91.40	76.41

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ20B0750-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.42	500.00	Pass
11a	CH157	15.77	500.00	Pass
11a	CH165	15.57	500.00	Pass
11n (HT20)	CH149	15.82	500.00	Pass
11n (HT20)	CH157	15.27	500.00	Pass
11n (HT20)	CH165	15.22	500.00	Pass
11n (HT40)	CH151	35.62	500.00	Pass
11n (HT40)	CH159	35.22	500.00	Pass
11ac (VHT20)	CH149	15.37	500.00	Pass
11ac (VHT20)	CH157	15.42	500.00	Pass
11ac (VHT20)	CH165	15.57	500.00	Pass
11ac (VHT40)	CH151	35.82	500.00	Pass
11ac (VHT40)	CH159	35.22	500.00	Pass
11ac (VHT80)	CH155	76.12	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ20B0750-604 Data Part 3.pdf”.

Test Data

Note [1]: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: 10*log (500 kHz/RBW) =-3 dBm.

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	5.63	11.00	Pass
11a	CH44	4.78	11.00	Pass
11a	CH48	5.32	11.00	Pass
11n (HT20)	CH36	5.24	11.00	Pass
11n (HT20)	CH44	4.49	11.00	Pass
11n (HT20)	CH48	4.87	11.00	Pass
11n (HT40)	CH38	0.35	11.00	Pass
11n (HT40)	CH46	1.15	11.00	Pass
11ac (VHT20)	CH36	4.22	11.00	Pass
11ac (VHT20)	CH44	3.61	11.00	Pass
11ac (VHT20)	CH48	3.99	11.00	Pass
11ac (VHT40)	CH38	1.04	11.00	Pass
11ac (VHT40)	CH46	0.95	11.00	Pass
11ac (VHT80)	CH42	-4.66	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	5.29	11.00	Pass
11a	CH60	4.94	11.00	Pass
11a	CH64	0.56	11.00	Pass
11n (HT20)	CH52	5.03	11.00	Pass
11n (HT20)	CH60	4.52	11.00	Pass
11n (HT20)	CH64	0.68	11.00	Pass
11n (HT40)	CH54	1.35	11.00	Pass
11n (HT40)	CH62	-1.39	11.00	Pass
11ac (VHT20)	CH52	4.21	11.00	Pass
11ac (VHT20)	CH60	3.55	11.00	Pass
11ac (VHT20)	CH64	0.69	11.00	Pass
11ac (VHT40)	CH54	1.37	11.00	Pass
11ac (VHT40)	CH62	-1.78	11.00	Pass
11ac (VHT80)	CH58	-4.50	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	5.35	11.00	Pass
11a	CH116	5.67	11.00	Pass
11a	CH140	4.98	11.00	Pass
11a	CH144	5.15	11.00	Pass
11n (HT20)	CH100	5.21	11.00	Pass
11n (HT20)	CH116	5.24	11.00	Pass
11n (HT20)	CH140	4.58	11.00	Pass
11n (HT20)	CH144	4.78	11.00	Pass
11n (HT40)	CH102	-0.11	11.00	Pass
11n (HT40)	CH118	2.00	11.00	Pass
11n (HT40)	CH134	1.80	11.00	Pass
11n (HT40)	CH142	1.55	11.00	Pass
11ac (VHT20)	CH100	4.71	11.00	Pass
11ac (VHT20)	CH116	4.69	11.00	Pass
11ac (VHT20)	CH140	4.12	11.00	Pass
11ac (VHT20)	CH144	4.20	11.00	Pass
11ac (VHT40)	CH102	1.38	11.00	Pass
11ac (VHT40)	CH118	1.42	11.00	Pass
11ac (VHT40)	CH134	0.58	11.00	Pass
11ac (VHT40)	CH142	0.74	11.00	Pass
11ac (VHT80)	CH106	-5.55	11.00	Pass
11ac (VHT80)	CH122	-3.69	11.00	Pass
11ac (VHT80)	CH138	-3.96	11.00	Pass

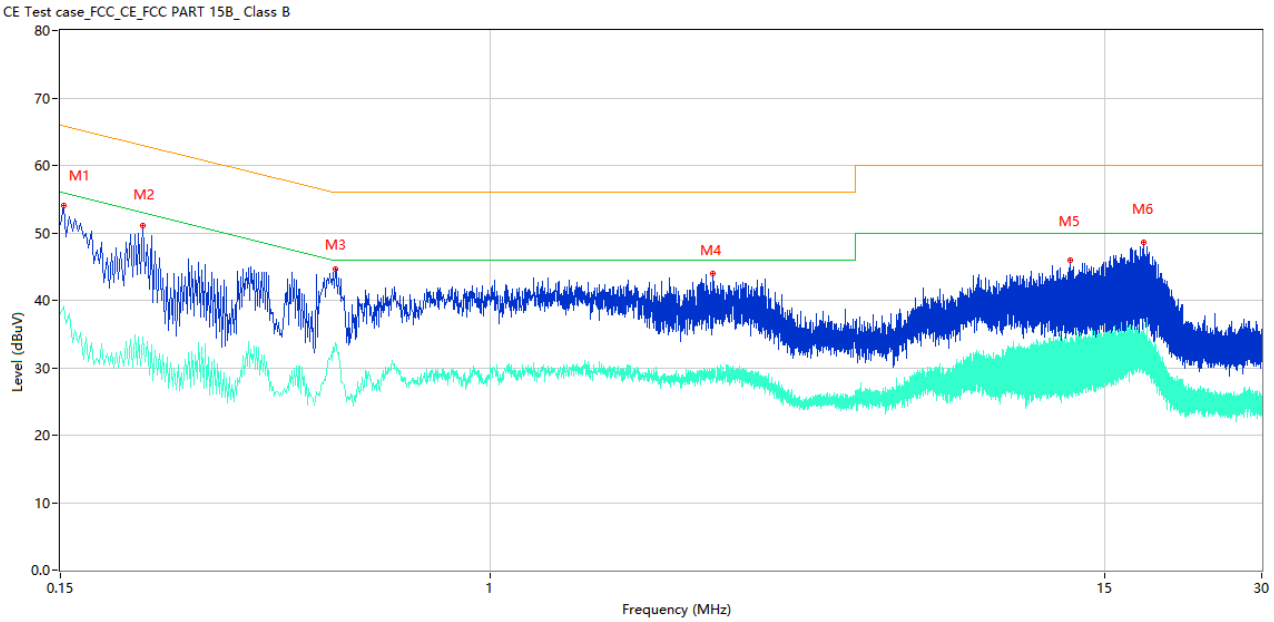
U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	2.32	30.00	Pass
11a	CH149	1.98	30.00	Pass
11a	CH157	2.13	30.00	Pass
11a	CH165	2.68	30.00	Pass
11n (HT20)	CH144	1.77	30.00	Pass
11n (HT20)	CH149	1.47	30.00	Pass
11n (HT20)	CH157	1.60	30.00	Pass
11n (HT20)	CH165	2.17	30.00	Pass
11n (HT40)	CH142	-1.21	30.00	Pass
11n (HT40)	CH151	-1.81	30.00	Pass
11n (HT40)	CH159	-1.05	30.00	Pass
11ac (VHT20)	CH144	1.33	30.00	Pass
11ac (VHT20)	CH149	0.61	30.00	Pass
11ac (VHT20)	CH157	0.80	30.00	Pass
11ac (VHT20)	CH165	1.49	30.00	Pass
11ac (VHT40)	CH142	-2.14	30.00	Pass
11ac (VHT40)	CH151	-3.03	30.00	Pass
11ac (VHT40)	CH159	-2.00	30.00	Pass
11ac (VHT80)	CH138	-7.18	30.00	Pass
11ac (VHT80)	CH155	-6.78	30.00	Pass

A.5 Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.
Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

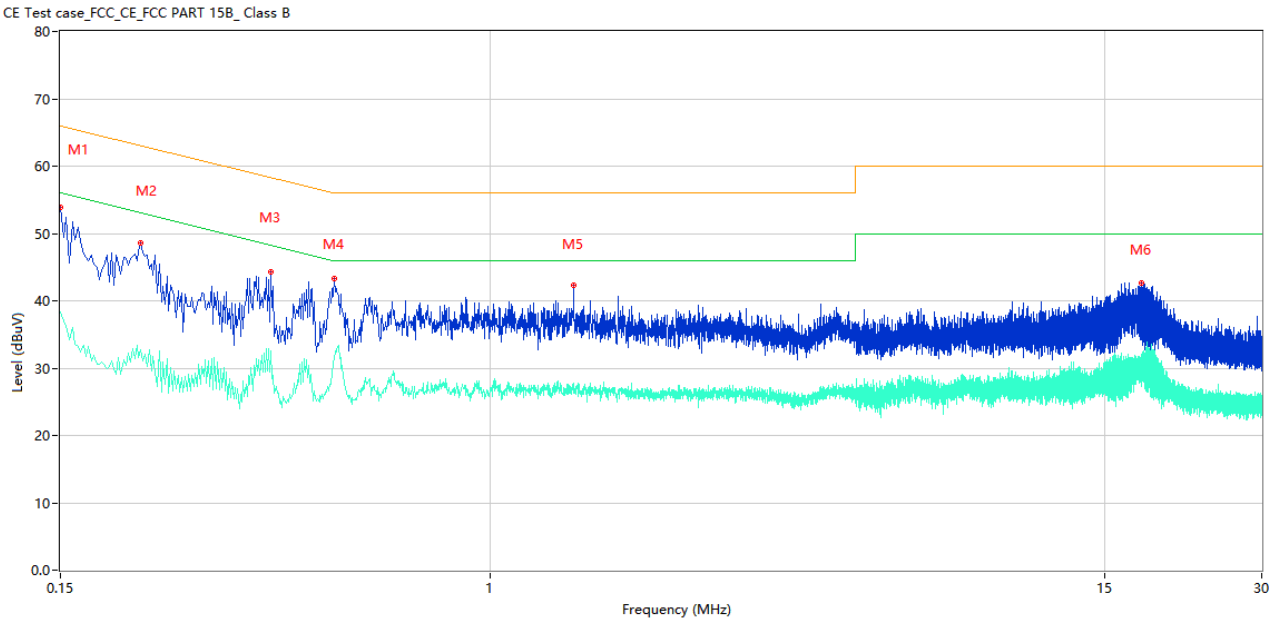
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.152	54.02	10.41	65.89	-11.87	Peak	L	Pass
1**	0.152	39.11	10.41	55.89	-16.78	AV	L	Pass
2	0.216	51.03	10.37	62.97	-11.94	Peak	L	Pass
2**	0.216	34.51	10.37	52.97	-18.46	AV	L	Pass
3	0.504	44.59	10.30	56.00	-11.41	Peak	L	Pass
3**	0.504	33.66	10.30	46.00	-12.34	AV	L	Pass
4	2.666	43.93	10.28	56.00	-12.07	Peak	L	Pass
4**	2.666	28.30	10.28	46.00	-17.70	AV	L	Pass
5	12.874	45.89	10.39	60.00	-14.11	Peak	L	Pass
5**	12.874	26.05	10.39	50.00	-23.95	AV	L	Pass
6	17.812	48.63	10.49	60.00	-11.37	Peak	L	Pass
6**	17.812	36.45	10.49	50.00	-13.55	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	53.86	10.41	66.00	-12.14	Peak	N	Pass
1**	0.150	38.36	10.41	56.00	-17.64	AV	N	Pass
2	0.214	48.67	10.38	63.05	-14.38	Peak	N	Pass
2**	0.214	32.72	10.38	53.05	-20.33	AV	N	Pass
3	0.380	44.26	10.30	58.28	-14.02	Peak	N	Pass
3**	0.380	32.57	10.30	48.28	-15.71	AV	N	Pass
4	0.502	43.29	10.30	56.00	-12.71	Peak	N	Pass
4**	0.502	31.43	10.30	46.00	-14.57	AV	N	Pass
5	1.442	42.28	10.25	56.00	-13.72	Peak	N	Pass
5**	1.442	27.76	10.25	46.00	-18.24	AV	N	Pass
6	17.652	42.66	10.48	60.00	-17.34	Peak	N	Pass
6**	17.652	28.72	10.48	50.00	-21.28	AV	N	Pass

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

Test Data

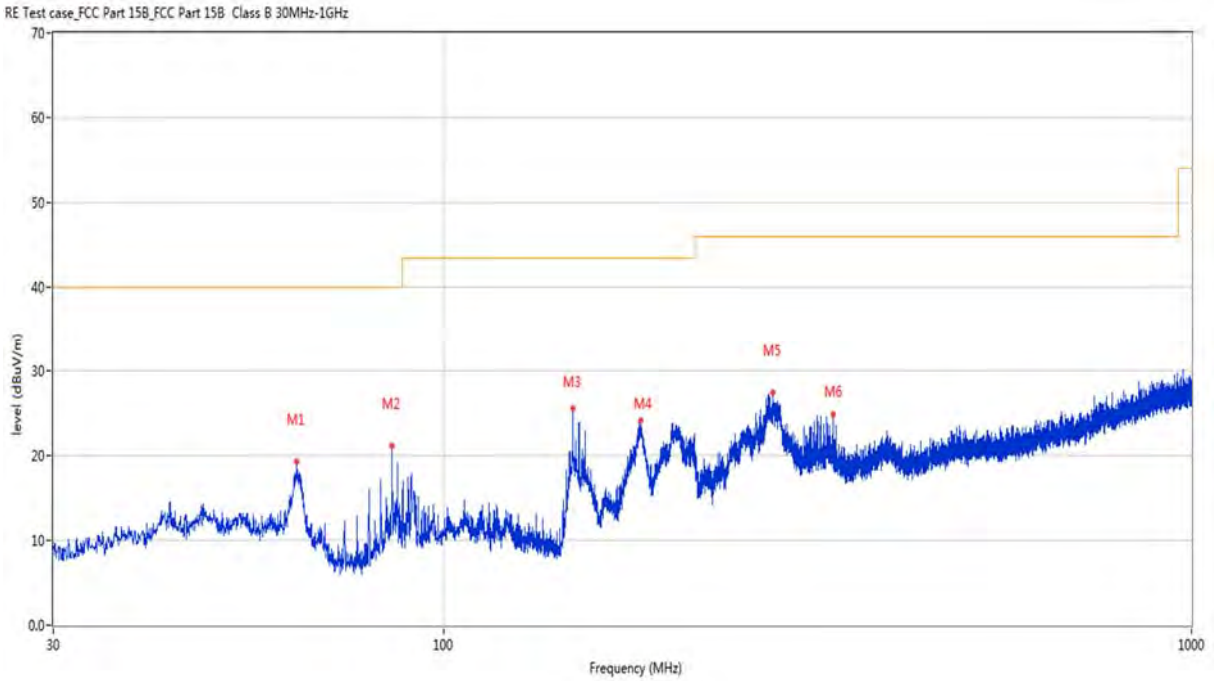
Note [1]: The symbol of "--" in the table which means not application.

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

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

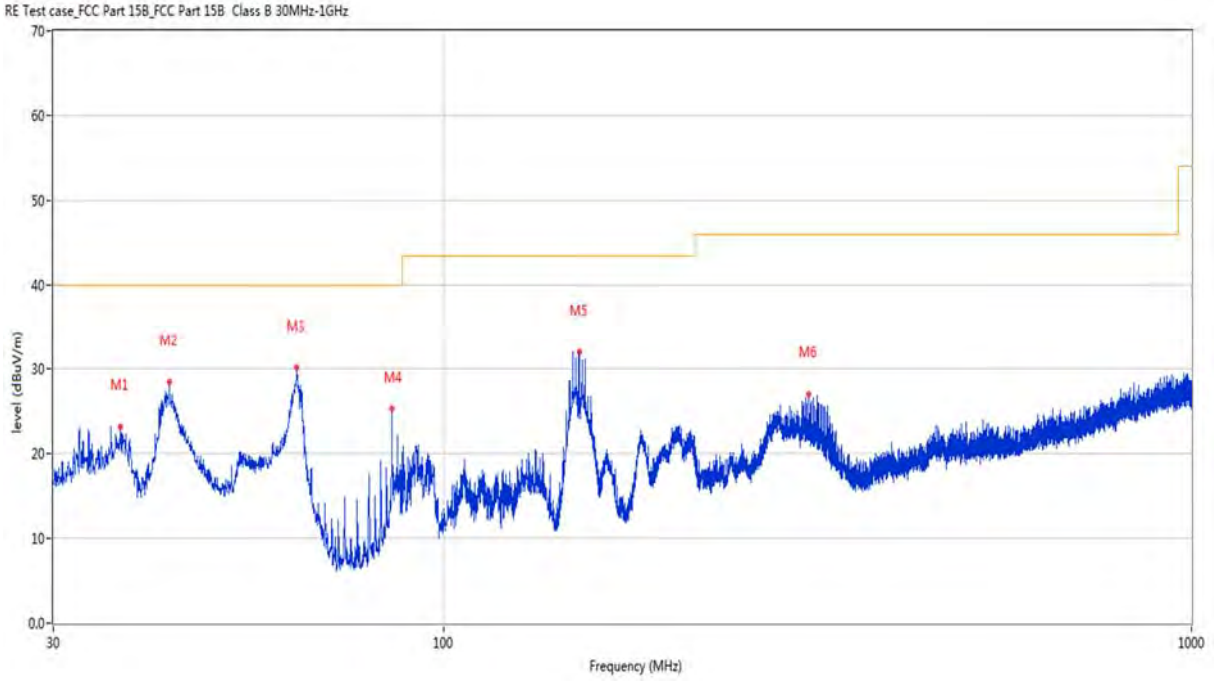
Note [4]: The EUT is working in the Normal link mode below 1 GHz.

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	63.514	19.31	-24.85	40.0	-20.69	Peak	360.00	200	Horizontal	Pass
2	85.145	21.15	-27.48	40.0	-18.85	Peak	286.40	200	Horizontal	Pass
3	148.631	25.58	-28.08	43.5	-17.92	Peak	256.90	200	Horizontal	Pass
4	183.114	24.14	-25.27	43.5	-19.36	Peak	95.50	200	Horizontal	Pass
5	275.653	27.48	-22.18	46.0	-18.52	Peak	262.00	100	Horizontal	Pass
6	331.913	24.91	-20.68	46.0	-21.09	Peak	302.40	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	36.887	23.20	-24.65	40.0	-16.80	Peak	151.30	100	Vertical	Pass
2	42.901	28.48	-23.39	40.0	-11.52	Peak	360.00	200	Vertical	Pass
3	63.562	30.12	-24.86	40.0	-9.88	Peak	83.00	100	Vertical	Pass
4	85.193	25.27	-27.46	40.0	-14.73	Peak	275.60	100	Vertical	Pass
5	151.541	31.95	-28.05	43.5	-11.55	Peak	284.10	100	Vertical	Pass
6	307.469	27.03	-21.50	46.0	-18.97	Peak	356.30	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)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1540.400	37.26	-17.52	74.0	-36.74	Peak	273.00	150	Horizontal	Pass
1**	1540.400	27.82	-17.52	54.0	-26.18	AV	273.00	150	Horizontal	Pass
2	2758.400	42.83	-10.93	74.0	-31.17	Peak	26.00	150	Horizontal	Pass
2**	2758.400	32.93	-10.93	54.0	-21.07	AV	26.00	150	Horizontal	Pass
3	4223.600	46.78	-4.83	74.0	-27.22	Peak	345.00	150	Horizontal	Pass
3**	4223.600	37.29	-4.83	54.0	-16.71	AV	345.00	150	Horizontal	Pass
4	5178.800	105.09	-2.68	--	-30.91	Peak	136.00	150	Horizontal	N/A
4**	5178.800	98.36	-2.68	--	98.36	AV	136.00	150	Horizontal	N/A
5	12065.175	50.44	0.88	74.0	-23.56	Peak	94.00	150	Horizontal	Pass
5**	12065.175	41.93	0.88	54.0	-12.07	AV	94.00	150	Horizontal	Pass
6	15537.750	50.47	0.71	74.0	-23.53	Peak	96.00	150	Horizontal	Pass
6**	15537.750	47.71	0.71	54.0	-6.29	AV	96.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.000	40.11	-17.61	74.0	-33.89	Peak	339.00	150	Vertical	Pass
1**	1487.000	28.54	-17.61	54.0	-25.46	AV	339.00	150	Vertical	Pass
2	2808.900	42.43	-10.29	74.0	-31.57	Peak	209.00	150	Vertical	Pass
2**	2808.900	33.58	-10.29	54.0	-20.42	AV	209.00	150	Vertical	Pass
3	4049.000	47.00	-4.71	74.0	-27.00	Peak	106.00	150	Vertical	Pass
3**	4049.000	37.15	-4.71	54.0	-16.85	AV	106.00	150	Vertical	Pass
4	5182.200	97.28	-2.72	--	-8.72	Peak	106.00	150	Vertical	N/A
4**	5182.200	90.70	-2.72	--	90.70	AV	106.00	150	Vertical	N/A
5	12242.850	50.12	1.04	74.0	-23.88	Peak	249.00	150	Vertical	Pass
5**	12242.850	41.23	1.04	54.0	-12.77	AV	249.00	150	Vertical	Pass
6	15541.687	51.06	0.64	74.0	-22.94	Peak	268.00	150	Vertical	Pass
6**	15541.687	47.92	0.64	54.0	-6.08	AV	268.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.600	37.49	-17.68	74.0	-36.51	Peak	0.00	150	Horizontal	Pass
1**	1519.600	28.40	-17.68	54.0	-25.60	AV	0.00	150	Horizontal	Pass
2	2831.300	42.83	-10.36	74.0	-31.17	Peak	250.00	150	Horizontal	Pass
2**	2831.300	32.66	-10.36	54.0	-21.34	AV	250.00	150	Horizontal	Pass
3	4107.800	47.29	-5.67	74.0	-26.71	Peak	116.00	150	Horizontal	Pass
3**	4107.800	37.30	-5.67	54.0	-16.70	AV	116.00	150	Horizontal	Pass
4	5214.600	105.99	-2.84	--	-23.01	Peak	129.00	150	Horizontal	N/A
4**	5214.600	98.45	-2.84	--	98.45	AV	129.00	150	Horizontal	N/A
5	12001.925	50.42	1.28	74.0	-23.58	Peak	49.00	150	Horizontal	Pass
5**	12001.925	43.05	1.28	54.0	-10.95	AV	49.00	150	Horizontal	Pass
6	15809.175	54.13	2.18	74.0	-19.87	Peak	91.00	150	Horizontal	Pass
6**	15809.175	45.21	2.18	54.0	-8.79	AV	91.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.500	36.52	-17.67	74.0	-37.48	Peak	2.00	150	Vertical	Pass
1**	1521.500	27.90	-17.67	54.0	-26.10	AV	2.00	150	Vertical	Pass
2	2869.800	43.30	-10.39	74.0	-30.70	Peak	151.00	150	Vertical	Pass
2**	2869.800	33.07	-10.39	54.0	-20.93	AV	151.00	150	Vertical	Pass
3	4059.200	47.11	-4.91	74.0	-26.89	Peak	275.00	150	Vertical	Pass
3**	4059.200	39.43	-4.91	54.0	-14.57	AV	275.00	150	Vertical	Pass
4	5220.800	99.91	-3.05	--	-4.09	Peak	104.00	150	Vertical	N/A
4**	5220.800	93.86	-3.05	--	93.86	AV	104.00	150	Vertical	N/A
5	12267.862	50.34	1.38	74.0	-23.66	Peak	276.00	150	Vertical	Pass
5**	12267.862	41.50	1.38	54.0	-12.50	AV	276.00	150	Vertical	Pass
6	15656.138	51.99	1.21	74.0	-22.01	Peak	144.00	150	Vertical	Pass
6**	15656.138	48.15	1.21	54.0	-6.85	AV	144.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1515.800	37.18	-17.57	74.0	-36.82	Peak	360.00	150	Horizontal	Pass
1**	1515.800	28.74	-17.57	54.0	-25.26	AV	360.00	150	Horizontal	Pass
2	2778.600	42.89	-10.42	74.0	-31.11	Peak	300.00	150	Horizontal	Pass
2**	2778.600	34.10	-10.42	54.0	-19.90	AV	300.00	150	Horizontal	Pass
3	4060.000	46.11	-4.98	74.0	-27.89	Peak	360.00	150	Horizontal	Pass
3**	4060.000	37.76	-4.98	54.0	-16.24	AV	360.00	150	Horizontal	Pass
4	5241.200	105.65	-2.70	--	2.65	Peak	103.00	150	Horizontal	N/A
4**	5241.200	99.25	-2.70	--	99.25	AV	103.00	150	Horizontal	N/A
5	12228.763	50.40	1.30	74.0	-23.60	Peak	343.00	150	Horizontal	Pass
5**	12228.763	41.87	1.30	54.0	-12.13	AV	343.00	150	Horizontal	Pass
6	15778.987	53.47	1.49	74.0	-20.53	Peak	176.00	150	Horizontal	Pass
6**	15778.987	44.91	1.49	54.0	-9.09	AV	176.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.500	38.89	-17.52	74.0	-35.11	Peak	360.00	150	Vertical	Pass
1**	1577.500	28.22	-17.52	54.0	-25.78	AV	360.00	150	Vertical	Pass
2	2778.600	42.81	-10.42	74.0	-31.19	Peak	60.00	150	Vertical	Pass
2**	2778.600	34.03	-10.42	54.0	-19.97	AV	60.00	150	Vertical	Pass
3	4123.200	46.34	-5.51	74.0	-27.66	Peak	203.00	150	Vertical	Pass
3**	4123.200	37.31	-5.51	54.0	-16.69	AV	203.00	150	Vertical	Pass
4	5237.400	98.97	-2.80	--	-24.03	Peak	123.00	150	Vertical	N/A
4**	5237.400	92.34	-2.80	--	92.34	AV	123.00	150	Vertical	N/A
5	12279.650	50.41	1.79	74.0	-23.59	Peak	227.00	150	Vertical	Pass
5**	12279.650	42.17	1.79	54.0	-11.83	AV	227.00	150	Vertical	Pass
6	15811.537	50.96	2.13	74.0	-23.04	Peak	45.00	150	Vertical	Pass
6**	15811.537	47.38	2.13	54.0	-6.62	AV	45.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.700	36.22	-17.59	74.0	-37.78	Peak	228.00	150	Horizontal	Pass
1**	1530.700	28.07	-17.59	54.0	-25.93	AV	228.00	150	Horizontal	Pass
2	2813.000	42.58	-10.06	74.0	-31.42	Peak	309.00	150	Horizontal	Pass
2**	2813.000	33.76	-10.06	54.0	-20.24	AV	309.00	150	Horizontal	Pass
3	4214.800	47.06	-5.21	74.0	-26.94	Peak	44.00	150	Horizontal	Pass
3**	4214.800	38.93	-5.21	54.0	-15.07	AV	44.00	150	Horizontal	Pass
4	5181.400	105.39	-2.71	--	-27.61	Peak	133.00	150	Horizontal	N/A
4**	5181.400	99.52	-2.71	--	99.52	AV	133.00	150	Horizontal	N/A
5	12284.250	50.74	1.78	74.0	-23.26	Peak	233.00	150	Horizontal	Pass
5**	12284.250	41.16	1.78	54.0	-12.84	AV	233.00	150	Horizontal	Pass
6	15805.763	53.92	2.25	74.0	-20.08	Peak	45.00	150	Horizontal	Pass
6**	15805.763	45.28	2.25	54.0	-8.72	AV	45.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.000	39.59	-17.52	74.0	-34.41	Peak	0.00	150	Vertical	Pass
1**	1493.000	29.03	-17.52	54.0	-24.97	AV	0.00	150	Vertical	Pass
2	2845.100	43.05	-10.36	74.0	-30.95	Peak	258.00	150	Vertical	Pass
2**	2845.100	33.35	-10.36	54.0	-20.65	AV	258.00	150	Vertical	Pass
3	4035.800	46.88	-4.83	74.0	-27.12	Peak	44.00	150	Vertical	Pass
3**	4035.800	38.48	-4.83	54.0	-15.52	AV	44.00	150	Vertical	Pass
4	5182.400	98.63	-2.72	--	23.63	Peak	75.00	150	Vertical	N/A
4**	5182.400	92.79	-2.72	--	92.79	AV	75.00	150	Vertical	N/A
5	12005.662	50.27	1.27	74.0	-23.73	Peak	252.00	150	Vertical	Pass
5**	12005.662	41.32	1.27	54.0	-12.68	AV	252.00	150	Vertical	Pass
6	15534.599	53.41	0.82	74.0	-20.59	Peak	148.00	150	Vertical	Pass
6**	15534.599	50.28	0.82	54.0	-6.72	AV	148.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.700	37.82	-17.58	74.0	-36.18	Peak	177.00	150	Horizontal	Pass
1**	1481.700	28.37	-17.58	54.0	-25.63	AV	177.00	150	Horizontal	Pass
2	2776.900	42.41	-10.44	74.0	-31.59	Peak	243.00	150	Horizontal	Pass
2**	2776.900	33.31	-10.44	54.0	-20.69	AV	243.00	150	Horizontal	Pass
3	4144.800	46.86	-4.85	74.0	-27.14	Peak	99.00	150	Horizontal	Pass
3**	4144.800	37.80	-4.85	54.0	-16.20	AV	99.00	150	Horizontal	Pass
4	5220.800	105.61	-3.05	--	-30.39	Peak	136.00	150	Horizontal	N/A
4**	5220.800	99.13	-3.05	--	99.13	AV	136.00	150	Horizontal	N/A
5	11839.487	49.72	1.14	74.0	-24.28	Peak	162.00	150	Horizontal	Pass
5**	11839.487	41.62	1.14	54.0	-12.38	AV	162.00	150	Horizontal	Pass
6	15621.488	53.48	1.66	74.0	-20.52	Peak	160.00	150	Horizontal	Pass
6**	15621.488	44.28	1.66	54.0	-9.72	AV	160.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.600	41.71	-17.49	74.0	-32.29	Peak	149.00	150	Vertical	Pass
1**	1483.600	28.42	-17.49	54.0	-25.58	AV	149.00	150	Vertical	Pass
2	2815.600	42.32	-10.12	74.0	-31.68	Peak	166.00	150	Vertical	Pass
2**	2815.600	33.80	-10.12	54.0	-20.20	AV	166.00	150	Vertical	Pass
3	4220.000	46.34	-5.00	74.0	-27.66	Peak	61.00	150	Vertical	Pass
3**	4220.000	37.64	-5.00	54.0	-16.36	AV	61.00	150	Vertical	Pass
4	5219.200	99.81	-3.04	--	-10.19	Peak	110.00	150	Vertical	N/A
4**	5219.200	93.26	-3.04	--	93.26	AV	110.00	150	Vertical	N/A
5	11902.451	50.47	1.66	74.0	-23.53	Peak	48.00	150	Vertical	Pass
5**	11902.451	40.48	1.66	54.0	-13.52	AV	48.00	150	Vertical	Pass
6	15661.125	51.19	1.29	74.0	-22.81	Peak	127.00	150	Vertical	Pass
6**	15661.125	47.75	1.29	54.0	-6.25	AV	127.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.900	36.88	-14.77	74.0	-37.12	Peak	204.00	150	Horizontal	Pass
1**	1463.900	27.40	-14.77	54.0	-26.60	AV	204.00	150	Horizontal	Pass
2	2763.800	41.48	-8.78	74.0	-32.52	Peak	114.00	150	Horizontal	Pass
2**	2763.800	32.08	-8.78	54.0	-21.92	AV	114.00	150	Horizontal	Pass
3	4218.400	46.43	-3.74	74.0	-27.57	Peak	275.00	150	Horizontal	Pass
3**	4218.400	37.12	-3.74	54.0	-16.88	AV	275.00	150	Horizontal	Pass
4	5241.400	103.01	-0.94	--	-48.99	Peak	152.00	150	Horizontal	N/A
4**	5241.400	96.98	-0.94	--	96.98	AV	152.00	150	Horizontal	N/A
5	12279.075	50.65	20.24	74.0	-23.35	Peak	177.00	150	Horizontal	Pass
5**	12279.075	39.00	20.24	54.0	-15.00	AV	177.00	150	Horizontal	Pass
6	15997.388	56.72	24.02	74.0	-17.28	Peak	58.00	150	Horizontal	Pass
6**	15997.388	45.49	24.02	54.0	-8.51	AV	58.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.700	37.94	-15.00	74.0	-36.06	Peak	15.00	150	Vertical	Pass
1**	1491.700	27.61	-15.00	54.0	-26.39	AV	15.00	150	Vertical	Pass
2	2782.600	41.96	-8.70	74.0	-32.04	Peak	148.00	150	Vertical	Pass
2**	2782.600	31.84	-8.70	54.0	-22.16	AV	148.00	150	Vertical	Pass
3	3993.400	46.35	-4.55	74.0	-27.65	Peak	231.00	150	Vertical	Pass
3**	3993.400	35.22	-4.55	54.0	-18.78	AV	231.00	150	Vertical	Pass
4	5240.800	94.95	-0.95	--	-52.05	Peak	147.00	150	Vertical	N/A
4**	5240.800	88.27	-0.95	--	88.27	AV	147.00	150	Vertical	N/A
5	10945.651	50.24	18.61	74.0	-23.76	Peak	0.00	150	Vertical	Pass
5**	10945.651	37.71	18.61	54.0	-16.29	AV	0.00	150	Vertical	Pass
6	15899.737	55.30	23.27	74.0	-18.70	Peak	248.00	150	Vertical	Pass
6**	15899.737	43.62	23.27	54.0	-10.38	AV	248.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.800	36.74	-17.58	74.0	-37.26	Peak	177.00	150	Horizontal	Pass
1**	1506.800	27.94	-17.58	54.0	-26.06	AV	177.00	150	Horizontal	Pass
2	2776.700	42.86	-10.44	74.0	-31.14	Peak	91.00	150	Horizontal	Pass
2**	2776.700	32.94	-10.44	54.0	-21.06	AV	91.00	150	Horizontal	Pass
3	4077.000	47.01	-5.41	74.0	-26.99	Peak	191.00	150	Horizontal	Pass
3**	4077.000	37.43	-5.41	54.0	-16.57	AV	191.00	150	Horizontal	Pass
4	5192.400	103.83	-2.70	--	-1.17	Peak	105.00	150	Horizontal	N/A
4**	5192.400	97.00	-2.70	--	97.00	AV	105.00	150	Horizontal	N/A
5	11306.463	49.93	0.31	74.0	-24.07	Peak	282.00	150	Horizontal	Pass
5**	11306.463	40.08	0.31	54.0	-13.92	AV	282.00	150	Horizontal	Pass
6	15807.600	53.01	2.22	74.0	-20.99	Peak	139.00	150	Horizontal	Pass
6**	15807.600	44.11	2.22	54.0	-9.89	AV	139.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.700	38.96	-17.53	74.0	-35.04	Peak	123.00	150	Vertical	Pass
1**	1482.700	27.96	-17.53	54.0	-26.04	AV	123.00	150	Vertical	Pass
2	2764.900	43.57	-10.81	74.0	-30.43	Peak	228.00	150	Vertical	Pass
2**	2764.900	33.86	-10.81	54.0	-20.14	AV	228.00	150	Vertical	Pass
3	3926.200	46.80	-5.46	74.0	-27.20	Peak	94.00	150	Vertical	Pass
3**	3926.200	36.45	-5.46	54.0	-17.55	AV	94.00	150	Vertical	Pass
4	5196.000	95.52	-2.83	--	1.52	Peak	94.00	150	Vertical	N/A
4**	5196.000	88.08	-2.83	--	88.08	AV	94.00	150	Vertical	N/A
5	12004.513	50.21	1.29	74.0	-23.79	Peak	313.00	150	Vertical	Pass
5**	12004.513	40.77	1.29	54.0	-13.23	AV	313.00	150	Vertical	Pass
6	15618.862	52.74	1.60	74.0	-21.26	Peak	45.00	150	Vertical	Pass
6**	15618.862	44.29	1.60	54.0	-9.71	AV	45.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1532.800	36.48	-17.57	74.0	-37.52	Peak	190.00	150	Horizontal	Pass
1**	1532.800	28.17	-17.57	54.0	-25.83	AV	190.00	150	Horizontal	Pass
2	2771.800	42.25	-10.49	74.0	-31.75	Peak	248.00	150	Horizontal	Pass
2**	2771.800	33.69	-10.49	54.0	-20.31	AV	248.00	150	Horizontal	Pass
3	3957.800	46.60	-4.61	74.0	-27.40	Peak	299.00	150	Horizontal	Pass
3**	3957.800	37.76	-4.61	54.0	-16.24	AV	299.00	150	Horizontal	Pass
4	5227.600	103.17	-2.93	--	-8.83	Peak	112.00	150	Horizontal	N/A
4**	5227.600	97.39	-2.93	--	97.39	AV	112.00	150	Horizontal	N/A
5	12048.500	50.27	1.00	74.0	-23.73	Peak	55.00	150	Horizontal	Pass
5**	12048.500	40.33	1.00	54.0	-13.67	AV	55.00	150	Horizontal	Pass
6	15799.463	53.64	2.32	74.0	-20.36	Peak	109.00	150	Horizontal	Pass
6**	15799.463	45.04	2.32	54.0	-8.96	AV	109.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.600	40.08	-17.54	74.0	-33.92	Peak	147.00	150	Vertical	Pass
1**	1587.600	32.47	-17.54	54.0	-21.53	AV	147.00	150	Vertical	Pass
2	2779.600	42.58	-10.43	74.0	-31.42	Peak	235.00	150	Vertical	Pass
2**	2779.600	34.56	-10.43	54.0	-19.44	AV	235.00	150	Vertical	Pass
3	4039.400	46.19	-4.80	74.0	-27.81	Peak	75.00	150	Vertical	Pass
3**	4039.400	36.85	-4.80	54.0	-17.15	AV	75.00	150	Vertical	Pass
4	5226.600	95.51	-3.00	--	33.51	Peak	62.00	150	Vertical	N/A
4**	5226.600	89.07	-3.00	--	89.07	AV	62.00	150	Vertical	N/A
5	12452.150	51.35	1.89	74.0	-22.65	Peak	273.00	150	Vertical	Pass
5**	12452.150	42.33	1.89	54.0	-11.67	AV	273.00	150	Vertical	Pass
6	15808.650	53.26	2.19	74.0	-20.74	Peak	257.00	150	Vertical	Pass
6**	15808.650	44.00	2.19	54.0	-10.00	AV	257.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.700	37.48	-17.53	74.0	-36.52	Peak	116.00	150	Horizontal	Pass
1**	1482.700	29.07	-17.53	54.0	-24.93	AV	116.00	150	Horizontal	Pass
2	2772.300	42.53	-10.49	74.0	-31.47	Peak	204.00	150	Horizontal	Pass
2**	2772.300	32.88	-10.49	54.0	-21.12	AV	204.00	150	Horizontal	Pass
3	3848.200	45.90	-5.47	74.0	-28.10	Peak	35.00	150	Horizontal	Pass
3**	3848.200	36.62	-5.47	54.0	-17.38	AV	35.00	150	Horizontal	Pass
4	5179.200	105.13	-2.68	--	-12.87	Peak	118.00	150	Horizontal	N/A
4**	5179.200	98.45	-2.68	--	98.45	AV	118.00	150	Horizontal	N/A
5	11337.800	49.96	0.31	74.0	-24.04	Peak	337.00	150	Horizontal	Pass
5**	11337.800	40.83	0.31	54.0	-13.17	AV	337.00	150	Horizontal	Pass
6	15532.763	51.19	0.93	74.0	-22.81	Peak	103.00	150	Horizontal	Pass
6**	15532.763	46.79	0.93	54.0	-7.21	AV	103.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.800	39.91	-17.51	74.0	-34.09	Peak	151.00	150	Vertical	Pass
1**	1483.800	27.88	-17.51	54.0	-26.12	AV	151.00	150	Vertical	Pass
2	2800.000	42.53	-10.56	74.0	-31.47	Peak	315.00	150	Vertical	Pass
2**	2800.000	33.50	-10.56	54.0	-20.50	AV	315.00	150	Vertical	Pass
3	4016.200	46.28	-5.13	74.0	-27.72	Peak	136.00	150	Vertical	Pass
3**	4016.200	38.06	-5.13	54.0	-15.94	AV	136.00	150	Vertical	Pass
4	5178.800	96.87	-2.68	--	36.87	Peak	60.00	150	Vertical	N/A
4**	5178.800	91.55	-2.68	--	91.55	AV	60.00	150	Vertical	N/A
5	10954.276	49.79	-0.33	74.0	-24.21	Peak	325.00	150	Vertical	Pass
5**	10954.276	40.58	-0.33	54.0	-13.42	AV	325.00	150	Vertical	Pass
6	15536.700	50.41	0.74	74.0	-23.59	Peak	35.00	150	Vertical	Pass
6**	15536.700	46.83	0.74	54.0	-7.17	AV	35.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.700	36.61	-17.53	74.0	-37.39	Peak	291.00	150	Horizontal	Pass
1**	1533.700	28.50	-17.53	54.0	-25.50	AV	291.00	150	Horizontal	Pass
2	2828.200	42.35	-10.34	74.0	-31.65	Peak	156.00	150	Horizontal	Pass
2**	2828.200	33.11	-10.34	54.0	-20.89	AV	156.00	150	Horizontal	Pass
3	4043.600	46.95	-4.90	74.0	-27.05	Peak	54.00	150	Horizontal	Pass
3**	4043.600	38.42	-4.90	54.0	-15.58	AV	54.00	150	Horizontal	Pass
4	5219.200	105.27	-3.04	--	-18.73	Peak	124.00	150	Horizontal	N/A
4**	5219.200	99.02	-3.04	--	99.02	AV	124.00	150	Horizontal	N/A
5	11069.275	49.68	-1.07	74.0	-24.32	Peak	15.00	150	Horizontal	Pass
5**	11069.275	40.29	-1.07	54.0	-13.71	AV	15.00	150	Horizontal	Pass
6	15799.200	52.81	2.31	74.0	-21.19	Peak	141.00	150	Horizontal	Pass
6**	15799.200	43.85	2.31	54.0	-10.15	AV	141.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.200	38.41	-17.53	74.0	-35.59	Peak	147.00	150	Vertical	Pass
1**	1567.200	28.00	-17.53	54.0	-26.00	AV	147.00	150	Vertical	Pass
2	2819.700	43.26	-10.20	74.0	-30.74	Peak	271.00	150	Vertical	Pass
2**	2819.700	33.47	-10.20	54.0	-20.53	AV	271.00	150	Vertical	Pass
3	4280.600	47.15	-4.61	74.0	-26.85	Peak	58.00	150	Vertical	Pass
3**	4280.600	37.72	-4.61	54.0	-16.28	AV	58.00	150	Vertical	Pass
4	5219.000	98.34	-3.03	--	40.34	Peak	58.00	150	Vertical	N/A
4**	5219.000	92.28	-3.03	--	92.28	AV	58.00	150	Vertical	N/A
5	12010.838	50.07	1.15	74.0	-23.93	Peak	229.00	150	Vertical	Pass
5**	12010.838	41.05	1.15	54.0	-12.95	AV	229.00	150	Vertical	Pass
6	15523.838	51.26	1.39	74.0	-22.74	Peak	252.00	150	Vertical	Pass
6**	15523.838	46.93	1.39	54.0	-7.07	AV	252.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.200	37.47	-17.58	74.0	-36.53	Peak	13.00	150	Horizontal	Pass
1**	1504.200	27.47	-17.58	54.0	-26.53	AV	13.00	150	Horizontal	Pass
2	2775.000	43.90	-10.48	74.0	-30.10	Peak	175.00	150	Horizontal	Pass
2**	2775.000	33.43	-10.48	54.0	-20.57	AV	175.00	150	Horizontal	Pass
3	4213.200	46.76	-5.25	74.0	-27.24	Peak	23.00	150	Horizontal	Pass
3**	4213.200	37.13	-5.25	54.0	-16.87	AV	23.00	150	Horizontal	Pass
4	5239.200	105.28	-2.72	--	-24.72	Peak	130.00	150	Horizontal	N/A
4**	5239.200	99.05	-2.72	--	99.05	AV	130.00	150	Horizontal	N/A
5	11993.012	49.43	1.18	74.0	-24.57	Peak	43.00	150	Horizontal	Pass
5**	11993.012	40.55	1.18	54.0	-13.45	AV	43.00	150	Horizontal	Pass
6	15825.974	52.86	1.61	74.0	-21.14	Peak	206.00	150	Horizontal	Pass
6**	15825.974	43.43	1.61	54.0	-10.57	AV	206.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.200	38.99	-17.52	74.0	-35.01	Peak	112.00	150	Vertical	Pass
1**	1489.200	27.12	-17.52	54.0	-26.88	AV	112.00	150	Vertical	Pass
2	2869.700	43.41	-10.39	74.0	-30.59	Peak	248.00	150	Vertical	Pass
2**	2869.700	33.56	-10.39	54.0	-20.44	AV	248.00	150	Vertical	Pass
3	4087.200	46.09	-5.43	74.0	-27.91	Peak	282.00	150	Vertical	Pass
3**	4087.200	37.18	-5.43	54.0	-16.82	AV	282.00	150	Vertical	Pass
4	5238.200	97.78	-2.74	--	2.78	Peak	95.00	150	Vertical	N/A
4**	5238.200	91.62	-2.74	--	91.62	AV	95.00	150	Vertical	N/A
5	12319.037	50.39	1.42	74.0	-23.61	Peak	189.00	150	Vertical	Pass
5**	12319.037	40.92	1.42	54.0	-13.08	AV	189.00	150	Vertical	Pass
6	15629.362	53.48	1.70	74.0	-20.52	Peak	82.00	150	Vertical	Pass
6**	15629.362	43.39	1.70	54.0	-10.61	AV	82.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.200	36.81	-17.61	74.0	-37.19	Peak	310.00	150	Horizontal	Pass
1**	1487.200	27.81	-17.61	54.0	-26.19	AV	310.00	150	Horizontal	Pass
2	2810.000	42.78	-10.25	74.0	-31.22	Peak	26.00	150	Horizontal	Pass
2**	2810.000	33.50	-10.25	54.0	-20.50	AV	26.00	150	Horizontal	Pass
3	4200.400	46.64	-5.03	74.0	-27.36	Peak	282.00	150	Horizontal	Pass
3**	4200.400	37.87	-5.03	54.0	-16.13	AV	282.00	150	Horizontal	Pass
4	5192.400	103.50	-2.70	--	-14.50	Peak	118.00	150	Horizontal	N/A
4**	5192.400	96.52	-2.70	--	96.52	AV	118.00	150	Horizontal	N/A
5	11342.113	49.69	0.20	74.0	-24.31	Peak	15.00	150	Horizontal	Pass
5**	11342.113	40.18	0.20	54.0	-13.82	AV	15.00	150	Horizontal	Pass
6	15795.787	53.73	2.19	74.0	-20.27	Peak	309.00	150	Horizontal	Pass
6**	15795.787	44.09	2.19	54.0	-9.91	AV	309.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1563.300	38.96	-17.50	74.0	-35.04	Peak	102.00	150	Vertical	Pass
1**	1563.300	28.46	-17.50	54.0	-25.54	AV	102.00	150	Vertical	Pass
2	2778.300	42.27	-10.42	74.0	-31.73	Peak	77.00	150	Vertical	Pass
2**	2778.300	32.83	-10.42	54.0	-21.17	AV	77.00	150	Vertical	Pass
3	4054.600	46.77	-4.89	74.0	-27.23	Peak	173.00	150	Vertical	Pass
3**	4054.600	38.11	-4.89	54.0	-15.89	AV	173.00	150	Vertical	Pass
4	5192.000	95.02	-2.67	--	16.02	Peak	79.00	150	Vertical	N/A
4**	5192.000	89.61	-2.67	--	89.61	AV	79.00	150	Vertical	N/A
5	11641.400	49.88	-0.23	74.0	-24.12	Peak	281.00	150	Vertical	Pass
5**	11641.400	40.76	-0.23	54.0	-13.24	AV	281.00	150	Vertical	Pass
6	15525.937	52.68	1.34	74.0	-21.32	Peak	315.00	150	Vertical	Pass
6**	15525.937	44.32	1.34	54.0	-9.68	AV	315.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1465.600	38.68	-17.57	74.0	-35.32	Peak	332.00	150	Horizontal	Pass
1**	1465.600	29.76	-17.57	54.0	-24.24	AV	332.00	150	Horizontal	Pass
2	2788.600	42.60	-10.57	74.0	-31.40	Peak	162.00	150	Horizontal	Pass
2**	2788.600	32.95	-10.57	54.0	-21.05	AV	162.00	150	Horizontal	Pass
3	4193.200	46.59	-4.82	74.0	-27.41	Peak	60.00	150	Horizontal	Pass
3**	4193.200	38.06	-4.82	54.0	-15.94	AV	60.00	150	Horizontal	Pass
4	5227.600	103.12	-2.93	--	-23.88	Peak	127.00	150	Horizontal	N/A
4**	5227.600	97.74	-2.93	--	97.74	AV	127.00	150	Horizontal	N/A
5	11635.651	49.52	-0.22	74.0	-24.48	Peak	0.00	150	Horizontal	Pass
5**	11635.651	39.85	-0.22	54.0	-14.15	AV	0.00	150	Horizontal	Pass
6	15614.662	52.91	1.47	74.0	-21.09	Peak	21.00	150	Horizontal	Pass
6**	15614.662	44.54	1.47	54.0	-9.46	AV	21.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.400	36.75	-17.50	74.0	-37.25	Peak	280.00	150	Vertical	Pass
1**	1502.400	27.52	-17.50	54.0	-26.48	AV	280.00	150	Vertical	Pass
2	2779.700	41.66	-10.43	74.0	-32.34	Peak	164.00	150	Vertical	Pass
2**	2779.700	33.87	-10.43	54.0	-20.13	AV	164.00	150	Vertical	Pass
3	3945.600	46.24	-5.16	74.0	-27.76	Peak	254.00	150	Vertical	Pass
3**	3945.600	36.86	-5.16	54.0	-17.14	AV	254.00	150	Vertical	Pass
4	5227.400	95.78	-2.95	--	17.78	Peak	78.00	150	Vertical	N/A
4**	5227.400	88.77	-2.95	--	88.77	AV	78.00	150	Vertical	N/A
5	12277.349	49.59	1.71	74.0	-24.41	Peak	31.00	150	Vertical	Pass
5**	12277.349	41.55	1.71	54.0	-12.45	AV	31.00	150	Vertical	Pass
6	15821.513	52.84	1.80	74.0	-21.16	Peak	19.00	150	Vertical	Pass
6**	15821.513	44.00	1.80	54.0	-10.00	AV	19.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.100	36.94	-17.51	74.0	-37.06	Peak	323.00	150	Horizontal	Pass
1**	1539.100	27.64	-17.51	54.0	-26.36	AV	323.00	150	Horizontal	Pass
2	2860.100	43.77	-10.20	74.0	-30.23	Peak	92.00	150	Horizontal	Pass
2**	2860.100	33.47	-10.20	54.0	-20.53	AV	92.00	150	Horizontal	Pass
3	4239.600	47.24	-4.70	74.0	-26.76	Peak	237.00	150	Horizontal	Pass
3**	4239.600	37.74	-4.70	54.0	-16.26	AV	237.00	150	Horizontal	Pass
4	5200.800	99.08	-2.60	--	-30.92	Peak	130.00	150	Horizontal	N/A
4**	5200.800	91.31	-2.60	--	91.31	AV	130.00	150	Horizontal	N/A
5	11642.263	50.11	-0.22	74.0	-23.89	Peak	137.00	150	Horizontal	Pass
5**	11642.263	41.43	-0.22	54.0	-12.57	AV	137.00	150	Horizontal	Pass
6	15947.775	53.54	-0.21	74.0	-20.46	Peak	302.00	150	Horizontal	Pass
6**	15947.775	42.93	-0.21	54.0	-11.07	AV	302.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1514.700	36.79	-17.58	74.0	-37.21	Peak	183.00	150	Vertical	Pass
1**	1514.700	27.88	-17.58	54.0	-26.12	AV	183.00	150	Vertical	Pass
2	2805.300	42.73	-10.35	74.0	-31.27	Peak	208.00	150	Vertical	Pass
2**	2805.300	33.58	-10.35	54.0	-20.42	AV	208.00	150	Vertical	Pass
3	3934.200	46.86	-5.82	74.0	-27.14	Peak	226.00	150	Vertical	Pass
3**	3934.200	37.38	-5.82	54.0	-16.62	AV	226.00	150	Vertical	Pass
4	5205.600	90.61	-2.45	--	4.61	Peak	86.00	150	Vertical	N/A
4**	5205.600	83.88	-2.45	--	83.88	AV	86.00	150	Vertical	N/A
5	11930.625	49.71	1.58	74.0	-24.29	Peak	0.00	150	Vertical	Pass
5**	11930.625	41.51	1.58	54.0	-12.49	AV	0.00	150	Vertical	Pass
6	15512.549	53.32	1.42	74.0	-20.68	Peak	287.00	150	Vertical	Pass
6**	15512.549	44.76	1.42	54.0	-9.24	AV	287.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1342.500	37.36	-17.37	74.0	-36.64	Peak	60.00	150	Horizontal	Pass
1**	1342.500	28.55	-17.37	54.0	-25.45	AV	60.00	150	Horizontal	Pass
2	2810.100	42.37	-10.24	74.0	-31.63	Peak	6.00	150	Horizontal	Pass
2**	2810.100	32.75	-10.24	54.0	-21.25	AV	6.00	150	Horizontal	Pass
3	4054.600	45.86	-4.89	74.0	-28.14	Peak	213.00	150	Horizontal	Pass
3**	4054.600	37.51	-4.89	54.0	-16.49	AV	213.00	150	Horizontal	Pass
4	5257.600	105.30	-2.90	--	-13.70	Peak	119.00	150	Horizontal	N/A
4**	5257.600	98.09	-2.90	--	98.09	AV	119.00	150	Horizontal	N/A
5	12074.662	50.28	0.67	74.0	-23.72	Peak	43.00	150	Horizontal	Pass
5**	12074.662	41.02	0.67	54.0	-12.98	AV	43.00	150	Horizontal	Pass
6	15690.787	53.24	1.28	74.0	-20.76	Peak	0.00	150	Horizontal	Pass
6**	15690.787	43.50	1.28	54.0	-10.50	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	38.94	-17.56	74.0	-35.06	Peak	143.00	150	Vertical	Pass
1**	1499.800	31.92	-17.56	54.0	-22.08	AV	143.00	150	Vertical	Pass
2	2786.900	42.35	-10.49	74.0	-31.65	Peak	162.00	150	Vertical	Pass
2**	2786.900	33.36	-10.49	54.0	-20.64	AV	162.00	150	Vertical	Pass
3	4062.600	46.74	-5.16	74.0	-27.26	Peak	360.00	150	Vertical	Pass
3**	4062.600	38.04	-5.16	54.0	-15.96	AV	360.00	150	Vertical	Pass
4	5259.000	99.22	-2.88	--	22.22	Peak	77.00	150	Vertical	N/A
4**	5259.000	92.46	-2.88	--	92.46	AV	77.00	150	Vertical	N/A
5	12061.150	49.79	0.92	74.0	-24.21	Peak	126.00	150	Vertical	Pass
5**	12061.150	41.41	0.92	54.0	-12.59	AV	126.00	150	Vertical	Pass
6	15630.412	52.57	1.69	74.0	-21.43	Peak	40.00	150	Vertical	Pass
6**	15630.412	43.88	1.69	54.0	-10.12	AV	40.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.000	37.08	-17.58	74.0	-36.92	Peak	139.00	150	Horizontal	Pass
1**	1496.000	29.26	-17.58	54.0	-24.74	AV	139.00	150	Horizontal	Pass
2	2783.300	42.95	-10.52	74.0	-31.05	Peak	20.00	150	Horizontal	Pass
2**	2783.300	33.69	-10.52	54.0	-20.31	AV	20.00	150	Horizontal	Pass
3	4236.000	47.28	-4.69	74.0	-26.72	Peak	79.00	150	Horizontal	Pass
3**	4236.000	37.86	-4.69	54.0	-16.14	AV	79.00	150	Horizontal	Pass
4	5300.800	104.82	-3.25	--	-15.18	Peak	120.00	150	Horizontal	N/A
4**	5300.800	97.37	-3.25	--	97.37	AV	120.00	150	Horizontal	N/A
5	12082.425	49.85	0.57	74.0	-24.15	Peak	360.00	150	Horizontal	Pass
5**	12082.425	40.73	0.57	54.0	-13.27	AV	360.00	150	Horizontal	Pass
6	15503.362	53.10	1.24	74.0	-20.90	Peak	200.00	150	Horizontal	Pass
6**	15503.362	43.74	1.24	54.0	-10.26	AV	200.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	40.06	-17.54	74.0	-33.94	Peak	360.00	150	Vertical	Pass
1**	1493.300	27.74	-17.54	54.0	-26.26	AV	360.00	150	Vertical	Pass
2	2769.000	41.91	-10.63	74.0	-32.09	Peak	99.00	150	Vertical	Pass
2**	2769.000	33.23	-10.63	54.0	-20.77	AV	99.00	150	Vertical	Pass
3	4280.800	48.03	-4.62	74.0	-25.97	Peak	269.00	150	Vertical	Pass
3**	4280.800	37.90	-4.62	54.0	-16.10	AV	269.00	150	Vertical	Pass
4	5298.400	97.43	-3.27	--	13.43	Peak	84.00	150	Vertical	N/A
4**	5298.400	90.82	-3.27	--	90.82	AV	84.00	150	Vertical	N/A
5	11558.313	49.74	-0.44	74.0	-24.26	Peak	159.00	150	Vertical	Pass
5**	11558.313	40.10	-0.44	54.0	-13.90	AV	159.00	150	Vertical	Pass
6	15510.187	53.45	1.44	74.0	-20.55	Peak	360.00	150	Vertical	Pass
6**	15510.187	44.26	1.44	54.0	-9.74	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1524.000	36.30	-17.51	74.0	-37.70	Peak	77.00	150	Horizontal	Pass
1**	1524.000	27.97	-17.51	54.0	-26.03	AV	77.00	150	Horizontal	Pass
2	2791.400	42.00	-10.66	74.0	-32.00	Peak	69.00	150	Horizontal	Pass
2**	2791.400	33.85	-10.66	54.0	-20.15	AV	69.00	150	Horizontal	Pass
3	4123.800	47.11	-5.50	74.0	-26.89	Peak	316.00	150	Horizontal	Pass
3**	4123.800	37.06	-5.50	54.0	-16.94	AV	316.00	150	Horizontal	Pass
4	5318.600	104.15	-2.78	--	-3.85	Peak	108.00	150	Horizontal	N/A
4**	5318.600	97.86	-2.78	--	97.86	AV	108.00	150	Horizontal	N/A
5	12329.099	49.75	1.42	74.0	-24.25	Peak	324.00	150	Horizontal	Pass
5**	12329.099	41.11	1.42	54.0	-12.89	AV	324.00	150	Horizontal	Pass
6	15676.875	52.24	1.55	74.0	-21.76	Peak	311.00	150	Horizontal	Pass
6**	15676.875	43.65	1.55	54.0	-10.35	AV	311.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	37.73	-17.56	74.0	-36.27	Peak	0.00	150	Vertical	Pass
1**	1500.000	31.96	-17.56	54.0	-22.04	AV	0.00	150	Vertical	Pass
2	2790.300	42.24	-10.60	74.0	-31.76	Peak	91.00	150	Vertical	Pass
2**	2790.300	33.00	-10.60	54.0	-21.00	AV	91.00	150	Vertical	Pass
3	4249.200	46.09	-4.83	74.0	-27.91	Peak	106.00	150	Vertical	Pass
3**	4249.200	37.14	-4.83	54.0	-16.86	AV	106.00	150	Vertical	Pass
4	5319.000	97.90	-2.78	--	-8.10	Peak	106.00	150	Vertical	N/A
4**	5319.000	91.52	-2.78	--	91.52	AV	106.00	150	Vertical	N/A
5	12438.062	50.79	1.75	74.0	-23.21	Peak	343.00	150	Vertical	Pass
5**	12438.062	41.60	1.75	54.0	-12.40	AV	343.00	150	Vertical	Pass
6	15593.662	52.87	1.06	74.0	-21.13	Peak	0.00	150	Vertical	Pass
6**	15593.662	42.77	1.06	54.0	-11.23	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.100	37.46	-17.58	74.0	-36.54	Peak	319.00	150	Horizontal	Pass
1**	1507.100	28.34	-17.58	54.0	-25.66	AV	319.00	150	Horizontal	Pass
2	2814.100	42.79	-10.04	74.0	-31.21	Peak	168.00	150	Horizontal	Pass
2**	2814.100	34.27	-10.04	54.0	-19.73	AV	168.00	150	Horizontal	Pass
3	4139.000	46.86	-4.86	74.0	-27.14	Peak	190.00	150	Horizontal	Pass
3**	4139.000	36.81	-4.86	54.0	-17.19	AV	190.00	150	Horizontal	Pass
4	5257.200	105.23	-2.88	--	-27.77	Peak	133.00	150	Horizontal	N/A
4**	5257.200	100.31	-2.88	--	100.31	AV	133.00	150	Horizontal	N/A
5	12225.313	49.62	1.31	74.0	-24.38	Peak	95.00	150	Horizontal	Pass
5**	12225.313	40.64	1.31	54.0	-13.36	AV	95.00	150	Horizontal	Pass
6	15521.212	54.18	1.38	74.0	-19.82	Peak	174.00	150	Horizontal	Pass
6**	15521.212	45.06	1.38	54.0	-8.94	AV	174.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.500	38.67	-17.50	74.0	-35.33	Peak	142.00	150	Vertical	Pass
1**	1592.500	28.20	-17.50	54.0	-25.80	AV	142.00	150	Vertical	Pass
2	2742.500	43.00	-10.92	74.0	-31.00	Peak	61.00	150	Vertical	Pass
2**	2742.500	33.58	-10.92	54.0	-20.42	AV	61.00	150	Vertical	Pass
3	4247.600	46.84	-4.90	74.0	-27.16	Peak	196.00	150	Vertical	Pass
3**	4247.600	37.42	-4.90	54.0	-16.58	AV	196.00	150	Vertical	Pass
4	5261.400	98.47	-3.12	--	21.47	Peak	77.00	150	Vertical	N/A
4**	5261.400	91.80	-3.12	--	91.80	AV	77.00	150	Vertical	N/A
5	12221.862	50.07	1.26	74.0	-23.93	Peak	34.00	150	Vertical	Pass
5**	12221.862	41.02	1.26	54.0	-12.98	AV	34.00	150	Vertical	Pass
6	15808.912	53.18	2.19	74.0	-20.82	Peak	60.00	150	Vertical	Pass
6**	15808.912	45.07	2.19	54.0	-8.93	AV	60.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.100	37.88	-17.55	74.0	-36.12	Peak	105.00	150	Horizontal	Pass
1**	1466.100	28.53	-17.55	54.0	-25.47	AV	105.00	150	Horizontal	Pass
2	2782.600	42.46	-10.46	74.0	-31.54	Peak	316.00	150	Horizontal	Pass
2**	2782.600	33.79	-10.46	54.0	-20.21	AV	316.00	150	Horizontal	Pass
3	4056.600	46.74	-4.88	74.0	-27.26	Peak	291.00	150	Horizontal	Pass
3**	4056.600	37.30	-4.88	54.0	-16.70	AV	291.00	150	Horizontal	Pass
4	5299.000	104.46	-3.29	--	-20.54	Peak	125.00	150	Horizontal	N/A
4**	5299.000	97.55	-3.29	--	97.55	AV	125.00	150	Horizontal	N/A
5	11223.950	49.76	-0.22	74.0	-24.24	Peak	269.00	150	Horizontal	Pass
5**	11223.950	40.51	-0.22	54.0	-13.49	AV	269.00	150	Horizontal	Pass
6	15504.412	53.73	1.26	74.0	-20.27	Peak	360.00	150	Horizontal	Pass
6**	15504.412	44.20	1.26	54.0	-9.80	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	38.09	-17.56	74.0	-35.91	Peak	135.00	150	Vertical	Pass
1**	1500.000	30.15	-17.56	54.0	-23.85	AV	135.00	150	Vertical	Pass
2	2776.500	42.58	-10.45	74.0	-31.42	Peak	4.00	150	Vertical	Pass
2**	2776.500	34.50	-10.45	54.0	-19.50	AV	4.00	150	Vertical	Pass
3	4038.200	46.22	-4.76	74.0	-27.78	Peak	175.00	150	Vertical	Pass
3**	4038.200	38.15	-4.76	54.0	-15.85	AV	175.00	150	Vertical	Pass
4	5301.200	97.44	-3.22	--	11.44	Peak	86.00	150	Vertical	N/A
4**	5301.200	91.66	-3.22	--	91.66	AV	86.00	150	Vertical	N/A
5	12001.350	49.54	1.28	74.0	-24.46	Peak	291.00	150	Vertical	Pass
5**	12001.350	41.24	1.28	54.0	-12.76	AV	291.00	150	Vertical	Pass
6	15622.013	52.62	1.67	74.0	-21.38	Peak	225.00	150	Vertical	Pass
6**	15622.013	43.84	1.67	54.0	-10.16	AV	225.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.300	36.75	-17.63	74.0	-37.25	Peak	46.00	150	Horizontal	Pass
1**	1513.300	29.49	-17.63	54.0	-24.51	AV	46.00	150	Horizontal	Pass
2	2789.400	42.94	-10.58	74.0	-31.06	Peak	85.00	150	Horizontal	Pass
2**	2789.400	32.91	-10.58	54.0	-21.09	AV	85.00	150	Horizontal	Pass
3	4265.400	47.12	-4.64	74.0	-26.88	Peak	88.00	150	Horizontal	Pass
3**	4265.400	37.86	-4.64	54.0	-16.14	AV	88.00	150	Horizontal	Pass
4	5320.800	104.45	-2.78	--	-10.55	Peak	115.00	150	Horizontal	N/A
4**	5320.800	98.19	-2.78	--	98.19	AV	115.00	150	Horizontal	N/A
5	11638.525	49.73	-0.23	74.0	-24.27	Peak	277.00	150	Horizontal	Pass
5**	11638.525	41.00	-0.23	54.0	-13.00	AV	277.00	150	Horizontal	Pass
6	15513.862	52.79	1.41	74.0	-21.21	Peak	360.00	150	Horizontal	Pass
6**	15513.862	44.56	1.41	54.0	-9.44	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.400	36.46	-17.53	74.0	-37.54	Peak	325.00	150	Vertical	Pass
1**	1503.400	28.95	-17.53	54.0	-25.05	AV	325.00	150	Vertical	Pass
2	2779.900	42.39	-10.43	74.0	-31.61	Peak	349.00	150	Vertical	Pass
2**	2779.900	34.07	-10.43	54.0	-19.93	AV	349.00	150	Vertical	Pass
3	4248.800	47.75	-4.85	74.0	-26.25	Peak	275.00	150	Vertical	Pass
3**	4248.800	38.11	-4.85	54.0	-15.89	AV	275.00	150	Vertical	Pass
4	5321.000	97.51	-2.78	--	-1.49	Peak	99.00	150	Vertical	N/A
4**	5321.000	90.63	-2.78	--	90.63	AV	99.00	150	Vertical	N/A
5	12080.412	50.05	0.59	74.0	-23.95	Peak	310.00	150	Vertical	Pass
5**	12080.412	40.98	0.59	54.0	-13.02	AV	310.00	150	Vertical	Pass
6	15830.438	53.20	1.49	74.0	-20.80	Peak	59.00	150	Vertical	Pass
6**	15830.438	43.83	1.49	54.0	-10.17	AV	59.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.200	36.84	-17.51	74.0	-37.16	Peak	44.00	150	Horizontal	Pass
1**	1534.200	27.39	-17.51	54.0	-26.61	AV	44.00	150	Horizontal	Pass
2	2770.300	42.29	-10.55	74.0	-31.71	Peak	104.00	150	Horizontal	Pass
2**	2770.300	33.62	-10.55	54.0	-20.38	AV	104.00	150	Horizontal	Pass
3	4118.800	46.58	-5.41	74.0	-27.42	Peak	328.00	150	Horizontal	Pass
3**	4118.800	37.20	-5.41	54.0	-16.80	AV	328.00	150	Horizontal	Pass
4	5272.400	102.90	-3.10	--	--	Peak	144.00	150	Horizontal	N/A
4**	5272.400	95.55	-3.10	--	--	AV	144.00	150	Horizontal	N/A
5	12289.424	49.91	1.68	74.0	-24.09	Peak	345.00	150	Horizontal	Pass
5**	12289.424	40.02	1.68	54.0	-13.98	AV	345.00	150	Horizontal	Pass
6	15626.213	52.86	1.72	74.0	-21.14	Peak	224.00	150	Horizontal	Pass
6**	15626.213	44.85	1.72	54.0	-9.15	AV	224.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.300	39.03	-17.58	74.0	-34.97	Peak	14.00	150	Vertical	Pass
1**	1495.300	27.75	-17.58	54.0	-26.25	AV	14.00	150	Vertical	Pass
2	2773.500	42.44	-10.48	74.0	-31.56	Peak	268.00	150	Vertical	Pass
2**	2773.500	33.22	-10.48	54.0	-20.78	AV	268.00	150	Vertical	Pass
3	4164.200	46.37	-5.02	74.0	-27.63	Peak	10.00	150	Vertical	Pass
3**	4164.200	36.74	-5.02	54.0	-17.26	AV	10.00	150	Vertical	Pass
4	5271.000	94.89	-3.11	--	--	Peak	101.00	150	Vertical	N/A
4**	5271.000	86.94	-3.11	--	--	AV	101.00	150	Vertical	N/A
5	11561.475	49.62	-0.44	74.0	-24.38	Peak	257.00	150	Vertical	Pass
5**	11561.475	39.38	-0.44	54.0	-14.62	AV	257.00	150	Vertical	Pass
6	15521.212	53.07	1.38	74.0	-20.93	Peak	193.00	150	Vertical	Pass
6**	15521.212	43.57	1.38	54.0	-10.43	AV	193.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.200	35.63	-15.14	74.0	-38.37	Peak	106.00	150	Horizontal	Pass
1**	1565.200	26.10	-15.14	54.0	-27.90	AV	106.00	150	Horizontal	Pass
2	2775.200	41.68	-8.57	74.0	-32.32	Peak	0.00	150	Horizontal	Pass
2**	2775.200	30.73	-8.57	54.0	-23.27	AV	0.00	150	Horizontal	Pass
3	4121.400	46.37	-4.18	74.0	-27.63	Peak	66.00	150	Horizontal	Pass
3**	4121.400	34.29	-4.18	54.0	-19.71	AV	66.00	150	Horizontal	Pass
4	5305.200	95.83	0.28	--	--	Peak	157.00	150	Horizontal	N/A
4**	5305.200	88.50	0.28	--	--	AV	157.00	150	Horizontal	N/A
5	11600.287	47.05	20.13	74.0	-26.95	Peak	51.00	150	Horizontal	Pass
5**	11600.287	35.31	20.13	54.0	-18.69	AV	51.00	150	Horizontal	Pass
6	15698.400	52.52	23.57	74.0	-21.48	Peak	0.00	150	Horizontal	Pass
6**	15698.400	41.57	23.57	54.0	-12.43	AV	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.900	36.71	-15.30	74.0	-37.29	Peak	120.00	150	Vertical	Pass
1**	1572.900	27.18	-15.30	54.0	-26.82	AV	120.00	150	Vertical	Pass
2	2808.500	41.50	-8.61	74.0	-32.50	Peak	14.00	150	Vertical	Pass
2**	2808.500	30.59	-8.61	54.0	-23.41	AV	14.00	150	Vertical	Pass
3	3992.800	46.00	-4.55	74.0	-28.00	Peak	287.00	150	Vertical	Pass
3**	3992.800	34.47	-4.55	54.0	-19.53	AV	287.00	150	Vertical	Pass
4	5307.000	90.50	0.13	--	--	Peak	133.00	150	Vertical	N/A
4**	5307.000	83.40	0.13	--	--	AV	133.00	150	Vertical	N/A
5	11200.950	46.69	18.09	74.0	-27.31	Peak	291.00	150	Vertical	Pass
5**	11200.950	35.11	18.09	54.0	-18.89	AV	291.00	150	Vertical	Pass
6	15564.787	52.55	23.58	74.0	-21.45	Peak	0.00	150	Vertical	Pass
6**	15564.787	42.29	23.58	54.0	-11.71	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1568.100	36.07	-15.09	74.0	-37.93	Peak	296.00	150	Horizontal	Pass
1**	1568.100	26.84	-15.09	54.0	-27.16	AV	296.00	150	Horizontal	Pass
2	2818.100	40.78	-8.28	74.0	-33.22	Peak	360.00	150	Horizontal	Pass
2**	2818.100	32.32	-8.28	54.0	-21.68	AV	360.00	150	Horizontal	Pass
3	4059.400	46.16	-3.99	74.0	-27.84	Peak	31.00	150	Horizontal	Pass
3**	4059.400	33.89	-3.99	54.0	-20.11	AV	31.00	150	Horizontal	Pass
4	5261.000	99.06	-1.05	--	--	Peak	131.00	150	Horizontal	N/A
4**	5261.000	93.88	-1.05	--	--	AV	131.00	150	Horizontal	N/A
5	12244.575	48.35	20.44	74.0	-25.65	Peak	360.00	150	Horizontal	Pass
5**	12244.575	35.07	20.44	54.0	-18.93	AV	360.00	150	Horizontal	Pass
6	15508.350	53.38	23.89	74.0	-20.62	Peak	23.00	150	Horizontal	Pass
6**	15508.350	41.28	23.89	54.0	-12.72	AV	23.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.900	36.38	-15.01	74.0	-37.62	Peak	102.00	150	Vertical	Pass
1**	1523.900	26.54	-15.01	54.0	-27.46	AV	102.00	150	Vertical	Pass
2	2763.700	40.99	-8.78	74.0	-33.01	Peak	305.00	150	Vertical	Pass
2**	2763.700	31.28	-8.78	54.0	-22.72	AV	305.00	150	Vertical	Pass
3	3967.600	45.85	-4.11	74.0	-28.15	Peak	330.00	150	Vertical	Pass
3**	3967.600	34.08	-4.11	54.0	-19.92	AV	330.00	150	Vertical	Pass
4	5263.200	93.05	-0.91	--	--	Peak	94.00	150	Vertical	N/A
4**	5263.200	87.29	-0.91	--	--	AV	94.00	150	Vertical	N/A
5	11601.150	47.16	20.14	74.0	-26.84	Peak	315.00	150	Vertical	Pass
5**	11601.150	36.38	20.14	54.0	-17.62	AV	315.00	150	Vertical	Pass
6	15652.463	52.53	23.51	74.0	-21.47	Peak	162.00	150	Vertical	Pass
6**	15652.463	41.28	23.51	54.0	-12.72	AV	162.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	35.81	-15.12	74.0	-38.19	Peak	112.00	150	Horizontal	Pass
1**	1494.600	26.58	-15.12	54.0	-27.42	AV	112.00	150	Horizontal	Pass
2	2775.000	41.39	-8.56	74.0	-32.61	Peak	328.00	150	Horizontal	Pass
2**	2775.000	32.59	-8.56	54.0	-21.41	AV	328.00	150	Horizontal	Pass
3	4152.800	46.63	-3.53	74.0	-27.37	Peak	302.00	150	Horizontal	Pass
3**	4152.800	34.24	-3.53	54.0	-19.76	AV	302.00	150	Horizontal	Pass
4	5302.400	98.34	0.30	--	--	Peak	135.00	150	Horizontal	N/A
4**	5302.400	90.93	0.30	--	--	AV	135.00	150	Horizontal	N/A
5	12122.963	47.74	19.67	74.0	-26.26	Peak	27.00	150	Horizontal	Pass
5**	12122.963	34.74	19.67	54.0	-19.26	AV	27.00	150	Horizontal	Pass
6	15670.050	52.37	23.52	74.0	-21.63	Peak	15.00	150	Horizontal	Pass
6**	15670.050	41.63	23.52	54.0	-12.37	AV	15.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1478.600	38.21	-15.01	74.0	-35.79	Peak	303.00	150	Vertical	Pass
1**	1478.600	27.38	-15.01	54.0	-26.62	AV	303.00	150	Vertical	Pass
2	2862.800	41.82	-8.04	74.0	-32.18	Peak	303.00	150	Vertical	Pass
2**	2862.800	32.00	-8.04	54.0	-22.00	AV	303.00	150	Vertical	Pass
3	4206.800	46.87	-4.01	74.0	-27.13	Peak	199.00	150	Vertical	Pass
3**	4206.800	36.09	-4.01	54.0	-17.91	AV	199.00	150	Vertical	Pass
4	5301.000	93.70	0.28	--	--	Peak	103.00	150	Vertical	N/A
4**	5301.000	86.99	0.28	--	--	AV	103.00	150	Vertical	N/A
5	11614.950	47.45	20.21	74.0	-26.55	Peak	118.00	150	Vertical	Pass
5**	11614.950	35.03	20.21	54.0	-18.97	AV	118.00	150	Vertical	Pass
6	15461.363	53.03	23.54	74.0	-20.97	Peak	329.00	150	Vertical	Pass
6**	15461.363	40.83	23.54	54.0	-13.17	AV	329.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.500	35.69	-15.03	74.0	-38.31	Peak	70.00	150	Horizontal	Pass
1**	1555.500	26.73	-15.03	54.0	-27.27	AV	70.00	150	Horizontal	Pass
2	2851.400	41.29	-8.19	74.0	-32.71	Peak	336.00	150	Horizontal	Pass
2**	2851.400	31.03	-8.19	54.0	-22.97	AV	336.00	150	Horizontal	Pass
3	4264.400	46.38	-3.22	74.0	-27.62	Peak	113.00	150	Horizontal	Pass
3**	4264.400	35.01	-3.22	54.0	-18.99	AV	113.00	150	Horizontal	Pass
4	5319.200	97.65	0.12	--	--	Peak	130.00	150	Horizontal	N/A
4**	5319.200	91.30	0.12	--	--	AV	130.00	150	Horizontal	N/A
5	11655.775	46.27	20.32	74.0	-27.73	Peak	312.00	150	Horizontal	Pass
5**	11655.775	35.16	20.32	54.0	-18.84	AV	312.00	150	Horizontal	Pass
6	15557.963	52.00	23.58	74.0	-22.00	Peak	242.00	150	Horizontal	Pass
6**	15557.963	41.96	23.58	54.0	-12.04	AV	242.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1489.700	36.47	-15.15	74.0	-37.53	Peak	360.00	150	Vertical	Pass
1**	1489.700	27.10	-15.15	54.0	-26.90	AV	360.00	150	Vertical	Pass
2	2776.300	42.18	-8.56	74.0	-31.82	Peak	287.00	150	Vertical	Pass
2**	2776.300	30.71	-8.56	54.0	-23.29	AV	287.00	150	Vertical	Pass
3	4187.200	45.85	-4.02	74.0	-28.15	Peak	241.00	150	Vertical	Pass
3**	4187.200	33.54	-4.02	54.0	-20.46	AV	241.00	150	Vertical	Pass
4	5322.800	92.17	-0.01	--	--	Peak	104.00	150	Vertical	N/A
4**	5322.800	84.28	-0.01	--	--	AV	104.00	150	Vertical	N/A
5	11556.300	46.05	19.75	74.0	-27.95	Peak	180.00	150	Vertical	Pass
5**	11556.300	34.00	19.75	54.0	-20.00	AV	180.00	150	Vertical	Pass
6	15554.813	53.43	23.59	74.0	-20.57	Peak	0.00	150	Vertical	Pass
6**	15554.813	41.10	23.59	54.0	-12.90	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.000	36.18	-14.97	74.0	-37.82	Peak	131.00	150	Horizontal	Pass
1**	1551.000	26.83	-14.97	54.0	-27.17	AV	131.00	150	Horizontal	Pass
2	2807.800	40.80	-8.65	74.0	-33.20	Peak	213.00	150	Horizontal	Pass
2**	2807.800	31.70	-8.65	54.0	-22.30	AV	213.00	150	Horizontal	Pass
3	4226.800	45.92	-3.64	74.0	-28.08	Peak	22.00	150	Horizontal	Pass
3**	4226.800	34.80	-3.64	54.0	-19.20	AV	22.00	150	Horizontal	Pass
4	5272.600	96.88	-0.69	--	--	Peak	149.00	150	Horizontal	N/A
4**	5272.600	91.19	-0.69	--	--	AV	149.00	150	Horizontal	N/A
5	12241.700	46.95	20.43	74.0	-27.05	Peak	105.00	150	Horizontal	Pass
5**	12241.700	35.58	20.43	54.0	-18.42	AV	105.00	150	Horizontal	Pass
6	15509.401	52.29	23.88	74.0	-21.71	Peak	302.00	150	Horizontal	Pass
6**	15509.401	41.65	23.88	54.0	-12.35	AV	302.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1543.500	36.28	-14.90	74.0	-37.72	Peak	265.00	150	Vertical	Pass
1**	1543.500	26.11	-14.90	54.0	-27.89	AV	265.00	150	Vertical	Pass
2	2811.400	41.44	-8.44	74.0	-32.56	Peak	240.00	150	Vertical	Pass
2**	2811.400	31.53	-8.44	54.0	-22.47	AV	240.00	150	Vertical	Pass
3	4236.800	45.79	-3.35	74.0	-28.21	Peak	180.00	150	Vertical	Pass
3**	4236.800	34.61	-3.35	54.0	-19.39	AV	180.00	150	Vertical	Pass
4	5266.800	91.13	-0.58	--	--	Peak	108.00	150	Vertical	N/A
4**	5266.800	84.02	-0.58	--	--	AV	108.00	150	Vertical	N/A
5	11766.750	46.49	18.80	74.0	-27.51	Peak	85.00	150	Vertical	Pass
5**	11766.750	34.49	18.80	54.0	-19.51	AV	85.00	150	Vertical	Pass
6	15935.438	52.47	23.84	74.0	-21.53	Peak	39.00	150	Vertical	Pass
6**	15935.438	40.96	23.84	54.0	-13.04	AV	39.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.400	36.38	-17.47	74.0	-37.62	Peak	171.00	150	Horizontal	Pass
1**	1537.400	28.07	-17.47	54.0	-25.93	AV	171.00	150	Horizontal	Pass
2	2789.000	42.29	-10.58	74.0	-31.71	Peak	262.00	150	Horizontal	Pass
2**	2789.000	33.06	-10.58	54.0	-20.94	AV	262.00	150	Horizontal	Pass
3	4078.800	46.37	-5.36	74.0	-27.63	Peak	175.00	150	Horizontal	Pass
3**	4078.800	37.74	-5.36	54.0	-16.26	AV	175.00	150	Horizontal	Pass
4	5312.600	101.70	-2.67	--	--	Peak	136.00	150	Horizontal	N/A
4**	5312.600	94.24	-2.67	--	--	AV	136.00	150	Horizontal	N/A
5	12092.488	49.64	0.52	74.0	-24.36	Peak	360.00	150	Horizontal	Pass
5**	12092.488	40.17	0.52	54.0	-13.83	AV	360.00	150	Horizontal	Pass
6	15820.463	52.61	1.85	74.0	-21.39	Peak	7.00	150	Horizontal	Pass
6**	15820.463	43.62	1.85	54.0	-10.38	AV	7.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.800	39.02	-17.60	74.0	-34.98	Peak	76.00	150	Vertical	Pass
1**	1516.800	29.25	-17.60	54.0	-24.75	AV	76.00	150	Vertical	Pass
2	2772.700	42.19	-10.48	74.0	-31.81	Peak	348.00	150	Vertical	Pass
2**	2772.700	33.61	-10.48	54.0	-20.39	AV	348.00	150	Vertical	Pass
3	4038.800	46.49	-4.78	74.0	-27.51	Peak	0.00	150	Vertical	Pass
3**	4038.800	37.89	-4.78	54.0	-16.11	AV	0.00	150	Vertical	Pass
4	5313.000	94.21	-2.67	--	--	Peak	84.00	150	Vertical	N/A
4**	5313.000	87.46	-2.67	--	--	AV	84.00	150	Vertical	N/A
5	11822.525	49.86	1.09	74.0	-24.14	Peak	240.00	150	Vertical	Pass
5**	11822.525	39.85	1.09	54.0	-14.15	AV	240.00	150	Vertical	Pass
6	15833.850	53.04	1.46	74.0	-20.96	Peak	223.00	150	Vertical	Pass
6**	15833.850	44.48	1.46	54.0	-9.52	AV	223.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.800	37.43	-17.55	74.0	-36.57	Peak	242.00	150	Horizontal	Pass
1**	1541.800	27.92	-17.55	54.0	-26.08	AV	242.00	150	Horizontal	Pass
2	2785.700	42.53	-10.47	74.0	-31.47	Peak	306.00	150	Horizontal	Pass
2**	2785.700	35.02	-10.47	54.0	-18.98	AV	306.00	150	Horizontal	Pass
3	4295.400	47.31	-4.98	74.0	-26.69	Peak	337.00	150	Horizontal	Pass
3**	4295.400	38.51	-4.98	54.0	-15.49	AV	337.00	150	Horizontal	Pass
4	5288.200	98.04	-3.34	--	--	Peak	124.00	150	Horizontal	N/A
4**	5288.200	90.38	-3.34	--	--	AV	124.00	150	Horizontal	N/A
5	11554.000	49.47	-0.42	74.0	-24.53	Peak	71.00	150	Horizontal	Pass
5**	11554.000	40.10	-0.42	54.0	-13.90	AV	71.00	150	Horizontal	Pass
6	15514.387	53.07	1.40	74.0	-20.93	Peak	127.00	150	Horizontal	Pass
6**	15514.387	46.08	1.40	54.0	-7.92	AV	127.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	41.83	-17.52	74.0	-32.17	Peak	67.00	150	Vertical	Pass
1**	1492.900	27.66	-17.52	54.0	-26.34	AV	67.00	150	Vertical	Pass
2	2794.000	42.47	-10.59	74.0	-31.53	Peak	227.00	150	Vertical	Pass
2**	2794.000	33.80	-10.59	54.0	-20.20	AV	227.00	150	Vertical	Pass
3	4061.000	47.12	-5.07	74.0	-26.88	Peak	87.00	150	Vertical	Pass
3**	4061.000	37.75	-5.07	54.0	-16.25	AV	87.00	150	Vertical	Pass
4	5285.800	90.80	-3.32	--	--	Peak	113.00	150	Vertical	N/A
4**	5285.800	82.23	-3.32	--	--	AV	113.00	150	Vertical	N/A
5	11997.325	49.92	1.24	74.0	-24.08	Peak	360.00	150	Vertical	Pass
5**	11997.325	40.69	1.24	54.0	-13.31	AV	360.00	150	Vertical	Pass
6	15523.575	52.87	1.39	74.0	-21.13	Peak	360.00	150	Vertical	Pass
6**	15523.575	44.03	1.39	54.0	-9.97	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	36.46	-17.57	74.0	-37.54	Peak	360.00	150	Horizontal	Pass
1**	1500.400	28.17	-17.57	54.0	-25.83	AV	360.00	150	Horizontal	Pass
2	2791.200	42.13	-10.65	74.0	-31.87	Peak	6.00	150	Horizontal	Pass
2**	2791.200	33.03	-10.65	54.0	-20.97	AV	6.00	150	Horizontal	Pass
3	3925.000	46.07	-5.39	74.0	-27.93	Peak	144.00	150	Horizontal	Pass
3**	3925.000	37.10	-5.39	54.0	-16.90	AV	144.00	150	Horizontal	Pass
4	5498.600	103.34	-2.06	--	--	Peak	132.00	150	Horizontal	N/A
4**	5498.600	97.30	-2.06	--	--	AV	132.00	150	Horizontal	N/A
5	12149.987	50.43	0.43	74.0	-23.57	Peak	0.00	150	Horizontal	Pass
5**	12149.987	40.68	0.43	54.0	-13.32	AV	0.00	150	Horizontal	Pass
6	15571.088	52.48	1.41	74.0	-21.52	Peak	54.00	150	Horizontal	Pass
6**	15571.088	43.05	1.41	54.0	-10.95	AV	54.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	37.02	-17.56	74.0	-36.98	Peak	45.00	150	Vertical	Pass
1**	1500.100	31.84	-17.56	54.0	-22.16	AV	45.00	150	Vertical	Pass
2	2765.600	42.33	-10.80	74.0	-31.67	Peak	45.00	150	Vertical	Pass
2**	2765.600	33.50	-10.80	54.0	-20.50	AV	45.00	150	Vertical	Pass
3	4058.200	46.47	-4.88	74.0	-27.53	Peak	130.00	150	Vertical	Pass
3**	4058.200	37.69	-4.88	54.0	-16.31	AV	130.00	150	Vertical	Pass
4	5503.000	99.67	-2.23	--	--	Peak	104.00	150	Vertical	N/A
4**	5503.000	92.28	-2.23	--	--	AV	104.00	150	Vertical	N/A
5	12237.388	50.07	1.11	74.0	-23.93	Peak	360.00	150	Vertical	Pass
5**	12237.388	41.89	1.11	54.0	-12.11	AV	360.00	150	Vertical	Pass
6	15699.713	52.68	0.90	74.0	-21.32	Peak	340.00	150	Vertical	Pass
6**	15699.713	43.37	0.90	54.0	-10.63	AV	340.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1528.500	36.89	-17.46	74.0	-37.11	Peak	195.00	150	Horizontal	Pass
1**	1528.500	28.36	-17.46	54.0	-25.64	AV	195.00	150	Horizontal	Pass
2	2813.500	42.85	-10.03	74.0	-31.15	Peak	0.00	150	Horizontal	Pass
2**	2813.500	33.88	-10.03	54.0	-20.12	AV	0.00	150	Horizontal	Pass
3	4230.400	47.61	-4.59	74.0	-26.39	Peak	84.00	150	Horizontal	Pass
3**	4230.400	37.84	-4.59	54.0	-16.16	AV	84.00	150	Horizontal	Pass
4	5581.400	104.36	-2.29	--	--	Peak	123.00	150	Horizontal	N/A
4**	5581.400	98.32	-2.29	--	--	AV	123.00	150	Horizontal	N/A
5	12272.463	49.98	1.53	74.0	-24.02	Peak	0.00	150	Horizontal	Pass
5**	12272.463	42.25	1.53	54.0	-11.75	AV	0.00	150	Horizontal	Pass
6	15518.850	53.14	1.38	74.0	-20.86	Peak	190.00	150	Horizontal	Pass
6**	15518.850	44.84	1.38	54.0	-9.16	AV	190.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	39.04	-17.56	74.0	-34.96	Peak	56.00	150	Vertical	Pass
1**	1500.000	32.47	-17.56	54.0	-21.53	AV	56.00	150	Vertical	Pass
2	2814.600	42.42	-10.07	74.0	-31.58	Peak	93.00	150	Vertical	Pass
2**	2814.600	34.56	-10.07	54.0	-19.44	AV	93.00	150	Vertical	Pass
3	4067.800	46.39	-5.49	74.0	-27.61	Peak	27.00	150	Vertical	Pass
3**	4067.800	37.56	-5.49	54.0	-16.44	AV	27.00	150	Vertical	Pass
4	5582.000	101.82	-2.31	--	--	Peak	79.00	150	Vertical	N/A
4**	5582.000	94.95	-2.31	--	--	AV	79.00	150	Vertical	N/A
5	11756.401	50.04	1.10	74.0	-23.96	Peak	50.00	150	Vertical	Pass
5**	11756.401	41.73	1.10	54.0	-12.27	AV	50.00	150	Vertical	Pass
6	15708.900	53.53	0.62	74.0	-20.47	Peak	360.00	150	Vertical	Pass
6**	15708.900	44.02	0.62	54.0	-9.98	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.500	37.19	-17.53	74.0	-36.81	Peak	234.00	150	Horizontal	Pass
1**	1475.500	27.21	-17.53	54.0	-26.79	AV	234.00	150	Horizontal	Pass
2	2769.900	42.47	-10.58	74.0	-31.53	Peak	221.00	150	Horizontal	Pass
2**	2769.900	33.24	-10.58	54.0	-20.76	AV	221.00	150	Horizontal	Pass
3	4206.800	46.59	-5.20	74.0	-27.41	Peak	51.00	150	Horizontal	Pass
3**	4206.800	37.85	-5.20	54.0	-16.15	AV	51.00	150	Horizontal	Pass
4	5701.400	105.64	-2.10	--	--	Peak	142.00	150	Horizontal	N/A
4**	5701.400	98.82	-2.10	--	--	AV	142.00	150	Horizontal	N/A
5	11818.787	49.88	1.02	74.0	-24.12	Peak	147.00	150	Horizontal	Pass
5**	11818.787	40.46	1.02	54.0	-13.54	AV	147.00	150	Horizontal	Pass
6	15694.987	52.97	1.13	74.0	-21.03	Peak	246.00	150	Horizontal	Pass
6**	15694.987	44.42	1.13	54.0	-9.58	AV	246.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.700	39.59	-17.55	74.0	-34.41	Peak	83.00	150	Vertical	Pass
1**	1503.700	30.56	-17.55	54.0	-23.44	AV	83.00	150	Vertical	Pass
2	2799.400	42.41	-10.56	74.0	-31.59	Peak	338.00	150	Vertical	Pass
2**	2799.400	33.31	-10.56	54.0	-20.69	AV	338.00	150	Vertical	Pass
3	4236.000	47.03	-4.69	74.0	-26.97	Peak	195.00	150	Vertical	Pass
3**	4236.000	38.02	-4.69	54.0	-15.98	AV	195.00	150	Vertical	Pass
4	5699.200	99.85	-2.03	--	--	Peak	65.00	150	Vertical	N/A
4**	5699.200	93.75	-2.03	--	--	AV	65.00	150	Vertical	N/A
5	12080.700	49.76	0.58	74.0	-24.24	Peak	360.00	150	Vertical	Pass
5**	12080.700	40.77	0.58	54.0	-13.23	AV	360.00	150	Vertical	Pass
6	15792.900	52.71	2.10	74.0	-21.29	Peak	0.00	150	Vertical	Pass
6**	15792.900	43.91	2.10	54.0	-10.09	AV	0.00	150	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, 144 channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.200	37.08	-17.59	74.0	-36.92	Peak	236.00	150	Horizontal	Pass
1**	1530.200	28.14	-17.59	54.0	-25.86	AV	236.00	150	Horizontal	Pass
2	2773.300	42.37	-10.48	74.0	-31.63	Peak	0.00	150	Horizontal	Pass
2**	2773.300	33.90	-10.48	54.0	-20.10	AV	0.00	150	Horizontal	Pass
3	4249.800	47.78	-4.79	74.0	-26.22	Peak	26.00	150	Horizontal	Pass
3**	4249.800	38.52	-4.79	54.0	-15.48	AV	26.00	150	Horizontal	Pass
4	5717.800	104.76	-2.49	--	--	Peak	143.00	150	Horizontal	N/A
4**	5717.800	97.26	-2.49	--	--	AV	143.00	150	Horizontal	N/A
5	10945.075	50.03	-0.13	74.0	-23.97	Peak	79.00	150	Horizontal	Pass
5**	10945.075	40.86	-0.13	54.0	-13.14	AV	79.00	150	Horizontal	Pass
6	15615.450	52.97	1.50	74.0	-21.03	Peak	0.00	150	Horizontal	Pass
6**	15615.450	43.88	1.50	54.0	-10.12	AV	0.00	150	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, 144 channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.700	37.20	-17.56	74.0	-36.80	Peak	96.00	150	Vertical	Pass
1**	1499.700	30.58	-17.56	54.0	-23.42	AV	96.00	150	Vertical	Pass
2	2789.900	42.44	-10.59	74.0	-31.56	Peak	321.00	150	Vertical	Pass
2**	2789.900	34.04	-10.59	54.0	-19.96	AV	321.00	150	Vertical	Pass
3	4028.800	46.47	-5.05	74.0	-27.53	Peak	360.00	150	Vertical	Pass
3**	4028.800	36.80	-5.05	54.0	-17.20	AV	360.00	150	Vertical	Pass
4	5718.800	98.42	-2.46	--	--	Peak	78.00	150	Vertical	N/A
4**	5718.800	91.32	-2.46	--	--	AV	78.00	150	Vertical	N/A
5	11991.287	49.59	1.15	74.0	-24.41	Peak	363.00	150	Vertical	Pass
5**	11991.287	40.42	1.15	54.0	-13.58	AV	363.00	150	Vertical	Pass
6	15799.987	53.08	2.33	74.0	-20.92	Peak	90.00	150	Vertical	Pass
6**	15799.987	43.86	2.33	54.0	-10.14	AV	90.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.800	36.69	-17.55	74.0	-37.31	Peak	360.00	150	Horizontal	Pass
1**	1581.800	26.65	-17.55	54.0	-27.35	AV	360.00	150	Horizontal	Pass
2	2784.800	42.48	-10.53	74.0	-31.52	Peak	360.00	150	Horizontal	Pass
2**	2784.800	33.43	-10.53	54.0	-20.57	AV	360.00	150	Horizontal	Pass
3	3874.200	46.63	-5.88	74.0	-27.37	Peak	0.00	150	Horizontal	Pass
3**	3874.200	35.96	-5.88	54.0	-18.04	AV	0.00	150	Horizontal	Pass
4	5498.800	103.74	-2.07	--	--	Peak	130.00	150	Horizontal	N/A
4**	5498.800	95.47	-2.07	--	--	AV	130.00	150	Horizontal	N/A
5	11946.724	49.66	1.49	74.0	-24.34	Peak	360.00	150	Horizontal	Pass
5**	11946.724	39.26	1.49	54.0	-14.74	AV	360.00	150	Horizontal	Pass
6	15514.387	52.90	1.40	74.0	-21.10	Peak	10.00	150	Horizontal	Pass
6**	15514.387	44.06	1.40	54.0	-9.94	AV	10.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.500	40.85	-17.52	74.0	-33.15	Peak	93.00	150	Vertical	Pass
1**	1567.500	29.65	-17.52	54.0	-24.35	AV	93.00	150	Vertical	Pass
2	2777.000	42.26	-10.43	74.0	-31.74	Peak	131.00	150	Vertical	Pass
2**	2777.000	33.87	-10.43	54.0	-20.13	AV	131.00	150	Vertical	Pass
3	4231.200	46.36	-4.61	74.0	-27.64	Peak	269.00	150	Vertical	Pass
3**	4231.200	37.74	-4.61	54.0	-16.26	AV	269.00	150	Vertical	Pass
4	5501.000	98.50	-2.17	--	--	Peak	106.00	150	Vertical	N/A
4**	5501.000	92.04	-2.17	--	--	AV	106.00	150	Vertical	N/A
5	11999.337	49.43	1.27	74.0	-24.57	Peak	53.00	150	Vertical	Pass
5**	11999.337	41.27	1.27	54.0	-12.73	AV	53.00	150	Vertical	Pass
6	15961.950	52.93	0.17	74.0	-21.07	Peak	145.00	150	Vertical	Pass
6**	15961.950	43.06	0.17	54.0	-10.94	AV	145.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.600	36.66	-17.62	74.0	-37.34	Peak	277.00	150	Horizontal	Pass
1**	1517.600	27.06	-17.62	54.0	-26.94	AV	277.00	150	Horizontal	Pass
2	2781.300	43.15	-10.40	74.0	-30.85	Peak	292.00	150	Horizontal	Pass
2**	2781.300	33.73	-10.40	54.0	-20.27	AV	292.00	150	Horizontal	Pass
3	4005.400	46.25	-5.14	74.0	-27.75	Peak	319.00	150	Horizontal	Pass
3**	4005.400	37.14	-5.14	54.0	-16.86	AV	319.00	150	Horizontal	Pass
4	5581.200	104.10	-2.28	--	--	Peak	147.00	150	Horizontal	N/A
4**	5581.200	97.69	-2.28	--	--	AV	147.00	150	Horizontal	N/A
5	11349.875	50.04	-0.03	74.0	-23.96	Peak	255.00	150	Horizontal	Pass
5**	11349.875	40.14	-0.03	54.0	-13.86	AV	255.00	150	Horizontal	Pass
6	15836.474	52.65	1.45	74.0	-21.35	Peak	173.00	150	Horizontal	Pass
6**	15836.474	43.27	1.45	54.0	-10.73	AV	173.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.60	-17.56	74.0	-35.40	Peak	93.00	150	Vertical	Pass
1**	1500.100	26.66	-17.56	54.0	-27.34	AV	93.00	150	Vertical	Pass
2	2805.600	42.42	-10.35	74.0	-31.58	Peak	195.00	150	Vertical	Pass
2**	2805.600	32.25	-10.35	54.0	-21.75	AV	195.00	150	Vertical	Pass
3	3957.200	46.52	-4.59	74.0	-27.48	Peak	0.00	150	Vertical	Pass
3**	3957.200	37.04	-4.59	54.0	-16.96	AV	0.00	150	Vertical	Pass
4	5582.600	101.14	-2.34	--	--	Peak	77.00	150	Vertical	N/A
4**	5582.600	94.54	-2.34	--	--	AV	77.00	150	Vertical	N/A
5	11829.713	49.71	1.19	74.0	-24.29	Peak	118.00	150	Vertical	Pass
5**	11829.713	40.65	1.19	54.0	-13.35	AV	118.00	150	Vertical	Pass
6	15774.000	52.89	1.23	74.0	-21.11	Peak	360.00	150	Vertical	Pass
6**	15774.000	45.07	1.23	54.0	-8.93	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.200	36.51	-17.61	74.0	-37.49	Peak	229.00	150	Horizontal	Pass
1**	1517.200	27.84	-17.61	54.0	-26.16	AV	229.00	150	Horizontal	Pass
2	2778.300	42.67	-10.42	74.0	-31.33	Peak	31.00	150	Horizontal	Pass
2**	2778.300	33.27	-10.42	54.0	-20.73	AV	31.00	150	Horizontal	Pass
3	4070.200	46.39	-5.41	74.0	-27.61	Peak	76.00	150	Horizontal	Pass
3**	4070.200	37.69	-5.41	54.0	-16.31	AV	76.00	150	Horizontal	Pass
4	5702.200	105.59	-2.15	--	--	Peak	140.00	150	Horizontal	N/A
4**	5702.200	98.29	-2.15	--	--	AV	140.00	150	Horizontal	N/A
5	10944.787	49.18	-0.12	74.0	-24.82	Peak	23.00	150	Horizontal	Pass
5**	10944.787	40.15	-0.12	54.0	-13.85	AV	23.00	150	Horizontal	Pass
6	15849.862	52.51	1.33	74.0	-21.49	Peak	344.00	150	Horizontal	Pass
6**	15849.862	45.05	1.33	54.0	-8.95	AV	344.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	38.05	-17.56	74.0	-35.95	Peak	69.00	150	Vertical	Pass
1**	1500.100	29.77	-17.56	54.0	-24.23	AV	69.00	150	Vertical	Pass
2	2778.300	42.11	-10.42	74.0	-31.89	Peak	360.00	150	Vertical	Pass
2**	2778.300	33.77	-10.42	54.0	-20.23	AV	360.00	150	Vertical	Pass
3	4147.000	47.17	-4.89	74.0	-26.83	Peak	64.00	150	Vertical	Pass
3**	4147.000	37.28	-4.89	54.0	-16.72	AV	64.00	150	Vertical	Pass
4	5698.000	100.89	-2.07	--	--	Peak	77.00	150	Vertical	N/A
4**	5698.000	93.70	-2.07	--	--	AV	77.00	150	Vertical	N/A
5	12357.850	50.14	1.17	74.0	-23.86	Peak	23.00	150	Vertical	Pass
5**	12357.850	40.73	1.17	54.0	-13.27	AV	23.00	150	Vertical	Pass
6	15824.137	53.01	1.68	74.0	-20.99	Peak	278.00	150	Vertical	Pass
6**	15824.137	44.21	1.68	54.0	-9.79	AV	278.00	150	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, 144 channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.700	36.42	-17.59	74.0	-37.58	Peak	44.00	150	Horizontal	Pass
1**	1531.700	27.40	-17.59	54.0	-26.60	AV	44.00	150	Horizontal	Pass
2	2769.400	42.18	-10.61	74.0	-31.82	Peak	283.00	150	Horizontal	Pass
2**	2769.400	33.64	-10.61	54.0	-20.36	AV	283.00	150	Horizontal	Pass
3	4137.600	46.31	-4.90	74.0	-27.69	Peak	233.00	150	Horizontal	Pass
3**	4137.600	37.71	-4.90	54.0	-16.29	AV	233.00	150	Horizontal	Pass
4	5724.600	104.41	-2.24	--	--	Peak	153.00	150	Horizontal	N/A
4**	5724.600	97.40	-2.24	--	--	AV	153.00	150	Horizontal	N/A
5	12317.025	50.07	1.41	74.0	-23.93	Peak	239.00	150	Horizontal	Pass
5**	12317.025	40.64	1.41	54.0	-13.36	AV	239.00	150	Horizontal	Pass
6	15685.012	52.05	1.43	74.0	-21.95	Peak	102.00	150	Horizontal	Pass
6**	15685.012	43.80	1.43	54.0	-10.20	AV	102.00	150	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, 144 channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.100	37.41	-17.59	74.0	-36.59	Peak	70.00	150	Vertical	Pass
1**	1531.100	28.12	-17.59	54.0	-25.88	AV	70.00	150	Vertical	Pass
2	2794.700	42.71	-10.54	74.0	-31.29	Peak	107.00	150	Vertical	Pass
2**	2794.700	33.48	-10.54	54.0	-20.52	AV	107.00	150	Vertical	Pass
3	4011.600	45.99	-5.14	74.0	-28.01	Peak	232.00	150	Vertical	Pass
3**	4011.600	36.33	-5.14	54.0	-17.67	AV	232.00	150	Vertical	Pass
4	5718.600	98.09	-2.47	--	--	Peak	75.00	150	Vertical	N/A
4**	5718.600	90.57	-2.47	--	--	AV	75.00	150	Vertical	N/A
5	11805.563	49.67	0.87	74.0	-24.33	Peak	208.00	150	Vertical	Pass
5**	11805.563	40.84	0.87	54.0	-13.16	AV	208.00	150	Vertical	Pass
6	15519.638	52.93	1.38	74.0	-21.07	Peak	360.00	150	Vertical	Pass
6**	15519.638	44.12	1.38	54.0	-9.88	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.300	37.60	-17.48	74.0	-36.40	Peak	0.00	150	Horizontal	Pass
1**	1590.300	28.44	-17.48	54.0	-25.56	AV	0.00	150	Horizontal	Pass
2	2812.800	42.20	-10.07	74.0	-31.80	Peak	360.00	150	Horizontal	Pass
2**	2812.800	35.29	-10.07	54.0	-18.71	AV	360.00	150	Horizontal	Pass
3	4048.600	46.27	-4.70	74.0	-27.73	Peak	138.00	150	Horizontal	Pass
3**	4048.600	39.07	-4.70	54.0	-14.93	AV	138.00	150	Horizontal	Pass
4	5507.400	101.00	-2.44	--	--	Peak	122.00	150	Horizontal	N/A
4**	5507.400	94.09	-2.44	--	--	AV	122.00	150	Horizontal	N/A
5	11996.174	49.74	1.23	74.0	-24.26	Peak	330.00	150	Horizontal	Pass
5**	11996.174	41.14	1.23	54.0	-12.86	AV	330.00	150	Horizontal	Pass
6	15609.150	52.81	1.23	74.0	-21.19	Peak	126.00	150	Horizontal	Pass
6**	15609.150	43.88	1.23	54.0	-10.12	AV	126.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.100	36.88	-17.56	74.0	-37.12	Peak	36.00	150	Vertical	Pass
1**	1500.100	31.36	-17.56	54.0	-22.64	AV	36.00	150	Vertical	Pass
2	2799.900	41.90	-10.56	74.0	-32.10	Peak	353.00	150	Vertical	Pass
2**	2799.900	32.69	-10.56	54.0	-21.31	AV	353.00	150	Vertical	Pass
3	4069.000	46.67	-5.43	74.0	-27.33	Peak	222.00	150	Vertical	Pass
3**	4069.000	36.88	-5.43	54.0	-17.12	AV	222.00	150	Vertical	Pass
4	5505.600	96.08	-2.33	--	--	Peak	98.00	150	Vertical	N/A
4**	5505.600	89.19	-2.33	--	--	AV	98.00	150	Vertical	N/A
5	11831.725	48.97	1.18	74.0	-25.03	Peak	341.00	150	Vertical	Pass
5**	11831.725	41.14	1.18	54.0	-12.86	AV	341.00	150	Vertical	Pass
6	15520.425	52.85	1.38	74.0	-21.15	Peak	170.00	150	Vertical	Pass
6**	15520.425	44.80	1.38	54.0	-9.20	AV	170.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.900	36.94	-17.54	74.0	-37.06	Peak	356.00	150	Horizontal	Pass
1**	1579.900	28.30	-17.54	54.0	-25.70	AV	356.00	150	Horizontal	Pass
2	2778.000	42.38	-10.42	74.0	-31.62	Peak	284.00	150	Horizontal	Pass
2**	2778.000	33.58	-10.42	54.0	-20.42	AV	284.00	150	Horizontal	Pass
3	4061.800	46.29	-5.11	74.0	-27.71	Peak	57.00	150	Horizontal	Pass
3**	4061.800	36.60	-5.11	54.0	-17.40	AV	57.00	150	Horizontal	Pass
4	5586.800	102.51	-2.26	--	--	Peak	132.00	150	Horizontal	N/A
4**	5586.800	94.31	-2.26	--	--	AV	132.00	150	Horizontal	N/A
5	11839.487	50.00	1.14	74.0	-24.00	Peak	86.00	150	Horizontal	Pass
5**	11839.487	40.96	1.14	54.0	-13.04	AV	86.00	150	Horizontal	Pass
6	15795.000	53.26	2.17	74.0	-20.74	Peak	58.00	150	Horizontal	Pass
6**	15795.000	43.86	2.17	54.0	-10.14	AV	58.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1531.600	37.39	-17.59	74.0	-36.61	Peak	94.00	150	Vertical	Pass
1**	1531.600	27.51	-17.59	54.0	-26.49	AV	94.00	150	Vertical	Pass
2	2800.700	42.00	-10.55	74.0	-32.00	Peak	298.00	150	Vertical	Pass
2**	2800.700	33.82	-10.55	54.0	-20.18	AV	298.00	150	Vertical	Pass
3	4230.200	46.74	-4.59	74.0	-27.26	Peak	270.00	150	Vertical	Pass
3**	4230.200	38.20	-4.59	54.0	-15.80	AV	270.00	150	Vertical	Pass
4	5588.400	98.29	-2.32	--	--	Peak	84.00	150	Vertical	N/A
4**	5588.400	92.78	-2.32	--	--	AV	84.00	150	Vertical	N/A
5	12417.651	50.62	1.40	74.0	-23.38	Peak	73.00	150	Vertical	Pass
5**	12417.651	41.31	1.40	54.0	-12.69	AV	73.00	150	Vertical	Pass
6	15518.850	54.08	1.38	74.0	-19.92	Peak	13.00	150	Vertical	Pass
6**	15518.850	45.53	1.38	54.0	-8.47	AV	13.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1346.400	36.74	-17.31	74.0	-37.26	Peak	157.00	150	Horizontal	Pass
1**	1346.400	27.89	-17.31	54.0	-26.11	AV	157.00	150	Horizontal	Pass
2	2811.500	41.94	-10.16	74.0	-32.06	Peak	355.00	150	Horizontal	Pass
2**	2811.500	32.69	-10.16	54.0	-21.31	AV	355.00	150	Horizontal	Pass
3	4028.800	46.52	-5.05	74.0	-27.48	Peak	178.00	150	Horizontal	Pass
3**	4028.800	37.29	-5.05	54.0	-16.71	AV	178.00	150	Horizontal	Pass
4	5671.800	102.44	-2.37	--	--	Peak	139.00	150	Horizontal	N/A
4**	5671.800	95.96	-2.37	--	--	AV	139.00	150	Horizontal	N/A
5	12081.275	49.59	0.58	74.0	-24.41	Peak	174.00	150	Horizontal	Pass
5**	12081.275	41.21	0.58	54.0	-12.79	AV	174.00	150	Horizontal	Pass
6	15509.137	53.37	1.41	74.0	-20.63	Peak	146.00	150	Horizontal	Pass
6**	15509.137	44.23	1.41	54.0	-9.77	AV	146.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.800	42.57	-17.54	74.0	-31.43	Peak	81.00	150	Vertical	Pass
1**	1488.800	26.91	-17.54	54.0	-27.09	AV	81.00	150	Vertical	Pass
2	2770.400	42.74	-10.54	74.0	-31.26	Peak	69.00	150	Vertical	Pass
2**	2770.400	34.53	-10.54	54.0	-19.47	AV	69.00	150	Vertical	Pass
3	4049.000	46.58	-4.71	74.0	-27.42	Peak	241.00	150	Vertical	Pass
3**	4049.000	38.22	-4.71	54.0	-15.78	AV	241.00	150	Vertical	Pass
4	5672.600	97.21	-2.34	--	--	Peak	66.00	150	Vertical	N/A
4**	5672.600	89.89	-2.34	--	--	AV	66.00	150	Vertical	N/A
5	11840.062	49.42	1.14	74.0	-24.58	Peak	66.00	150	Vertical	Pass
5**	11840.062	41.42	1.14	54.0	-12.58	AV	66.00	150	Vertical	Pass
6	15609.413	52.61	1.24	74.0	-21.39	Peak	257.00	150	Vertical	Pass
6**	15609.413	43.62	1.24	54.0	-10.38	AV	257.00	150	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, 142 channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.400	36.69	-17.59	74.0	-37.31	Peak	247.00	150	Horizontal	Pass
1**	1530.400	27.73	-17.59	54.0	-26.27	AV	247.00	150	Horizontal	Pass
2	2773.400	42.79	-10.48	74.0	-31.21	Peak	168.00	150	Horizontal	Pass
2**	2773.400	33.41	-10.48	54.0	-20.59	AV	168.00	150	Horizontal	Pass
3	3968.200	46.96	-4.96	74.0	-27.04	Peak	0.00	150	Horizontal	Pass
3**	3968.200	36.99	-4.96	54.0	-17.01	AV	0.00	150	Horizontal	Pass
4	5699.200	102.96	-2.03	--	--	Peak	137.00	150	Horizontal	N/A
4**	5699.200	94.92	-2.03	--	--	AV	137.00	150	Horizontal	N/A
5	11843.800	49.69	1.15	74.0	-24.31	Peak	360.00	150	Horizontal	Pass
5**	11843.800	40.55	1.15	54.0	-13.45	AV	360.00	150	Horizontal	Pass
6	15855.375	53.13	1.17	74.0	-20.87	Peak	58.00	150	Horizontal	Pass
6**	15855.375	43.44	1.17	54.0	-10.56	AV	58.00	150	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, 142 channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.000	38.70	-17.66	74.0	-35.30	Peak	103.00	150	Vertical	Pass
1**	1519.000	28.07	-17.66	54.0	-25.93	AV	103.00	150	Vertical	Pass
2	2786.500	41.67	-10.47	74.0	-32.33	Peak	254.00	150	Vertical	Pass
2**	2786.500	32.76	-10.47	54.0	-21.24	AV	254.00	150	Vertical	Pass
3	4062.600	46.26	-5.16	74.0	-27.74	Peak	200.00	150	Vertical	Pass
3**	4062.600	36.97	-5.16	54.0	-17.03	AV	200.00	150	Vertical	Pass
4	5708.400	96.64	-2.39	--	--	Peak	68.00	150	Vertical	N/A
4**	5708.400	89.30	-2.39	--	--	AV	68.00	150	Vertical	N/A
5	12349.513	50.68	1.23	74.0	-23.32	Peak	0.00	150	Vertical	Pass
5**	12349.513	40.21	1.23	54.0	-13.79	AV	0.00	150	Vertical	Pass
6	15616.763	52.99	1.54	74.0	-21.01	Peak	285.00	150	Vertical	Pass
6**	15616.763	44.76	1.54	54.0	-9.24	AV	285.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.800	36.10	-17.59	74.0	-37.90	Peak	360.00	150	Horizontal	Pass
1**	1530.800	27.45	-17.59	54.0	-26.55	AV	360.00	150	Horizontal	Pass
2	2779.100	43.31	-10.43	74.0	-30.69	Peak	229.00	150	Horizontal	Pass
2**	2779.100	34.00	-10.43	54.0	-20.00	AV	229.00	150	Horizontal	Pass
3	4061.000	46.85	-5.07	74.0	-27.15	Peak	196.00	150	Horizontal	Pass
3**	4061.000	37.98	-5.07	54.0	-16.02	AV	196.00	150	Horizontal	Pass
4	5497.200	102.26	-2.04	--	--	Peak	99.00	150	Horizontal	N/A
4**	5497.200	95.12	-2.04	--	--	AV	99.00	150	Horizontal	N/A
5	11356.488	49.38	-0.18	74.0	-24.62	Peak	106.00	150	Horizontal	Pass
5**	11356.488	40.43	-0.18	54.0	-13.57	AV	106.00	150	Horizontal	Pass
6	15785.287	52.86	1.81	74.0	-21.14	Peak	213.00	150	Horizontal	Pass
6**	15785.287	44.28	1.81	54.0	-9.72	AV	213.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.000	43.29	-17.54	74.0	-30.71	Peak	86.00	150	Vertical	Pass
1**	1472.000	27.23	-17.54	54.0	-26.77	AV	86.00	150	Vertical	Pass
2	2784.300	42.28	-10.56	74.0	-31.72	Peak	70.00	150	Vertical	Pass
2**	2784.300	32.73	-10.56	54.0	-21.27	AV	70.00	150	Vertical	Pass
3	4092.400	46.37	-5.68	74.0	-27.63	Peak	111.00	150	Vertical	Pass
3**	4092.400	36.38	-5.68	54.0	-17.62	AV	111.00	150	Vertical	Pass
4	5501.200	97.89	-2.18	--	--	Peak	111.00	150	Vertical	N/A
4**	5501.200	91.85	-2.18	--	--	AV	111.00	150	Vertical	N/A
5	12281.950	50.11	1.79	74.0	-23.89	Peak	194.00	150	Vertical	Pass
5**	12281.950	40.75	1.79	54.0	-13.25	AV	194.00	150	Vertical	Pass
6	15505.724	52.81	1.30	74.0	-21.19	Peak	0.00	150	Vertical	Pass
6**	15505.724	44.50	1.30	54.0	-9.50	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1355.400	38.09	-17.38	74.0	-35.91	Peak	0.00	150	Horizontal	Pass
1**	1355.400	28.85	-17.38	54.0	-25.15	AV	0.00	150	Horizontal	Pass
2	2787.900	42.53	-10.55	74.0	-31.47	Peak	0.00	150	Horizontal	Pass
2**	2787.900	33.43	-10.55	54.0	-20.57	AV	0.00	150	Horizontal	Pass
3	4054.600	47.18	-4.89	74.0	-26.82	Peak	245.00	150	Horizontal	Pass
3**	4054.600	37.27	-4.89	54.0	-16.73	AV	245.00	150	Horizontal	Pass
4	5579.000	103.58	-2.17	--	--	Peak	141.00	150	Horizontal	N/A
4**	5579.000	97.74	-2.17	--	--	AV	141.00	150	Horizontal	N/A
5	12174.137	49.89	0.68	74.0	-24.11	Peak	80.00	150	Horizontal	Pass
5**	12174.137	40.22	0.68	54.0	-13.78	AV	80.00	150	Horizontal	Pass
6	15812.062	54.35	2.12	74.0	-19.65	Peak	268.00	150	Horizontal	Pass
6**	15812.062	43.90	2.12	54.0	-10.10	AV	268.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	37.55	-17.56	74.0	-36.45	Peak	52.00	150	Vertical	Pass
1**	1499.800	32.04	-17.56	54.0	-21.96	AV	52.00	150	Vertical	Pass
2	2794.100	42.80	-10.58	74.0	-31.20	Peak	7.00	150	Vertical	Pass
2**	2794.100	33.10	-10.58	54.0	-20.90	AV	7.00	150	Vertical	Pass
3	3839.400	46.37	-4.87	74.0	-27.63	Peak	79.00	150	Vertical	Pass
3**	3839.400	36.37	-4.87	54.0	-17.63	AV	79.00	150	Vertical	Pass
4	5579.000	100.20	-2.17	--	--	Peak	79.00	150	Vertical	N/A
4**	5579.000	94.37	-2.17	--	--	AV	79.00	150	Vertical	N/A
5	11763.588	48.98	1.28	74.0	-25.02	Peak	235.00	150	Vertical	Pass
5**	11763.588	40.81	1.28	54.0	-13.19	AV	235.00	150	Vertical	Pass
6	15523.313	53.12	1.39	74.0	-20.88	Peak	267.00	150	Vertical	Pass
6**	15523.313	44.14	1.39	54.0	-9.86	AV	267.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.900	36.49	-17.49	74.0	-37.51	Peak	77.00	150	Horizontal	Pass
1**	1470.900	27.49	-17.49	54.0	-26.51	AV	77.00	150	Horizontal	Pass
2	2782.500	42.46	-10.45	74.0	-31.54	Peak	236.00	150	Horizontal	Pass
2**	2782.500	33.77	-10.45	54.0	-20.23	AV	236.00	150	Horizontal	Pass
3	3970.200	47.98	-5.12	74.0	-26.02	Peak	143.00	150	Horizontal	Pass
3**	3970.200	37.62	-5.12	54.0	-16.38	AV	143.00	150	Horizontal	Pass
4	5700.800	104.86	-2.08	--	--	Peak	157.00	150	Horizontal	N/A
4**	5700.800	98.39	-2.08	--	--	AV	157.00	150	Horizontal	N/A
5	12096.513	49.50	0.53	74.0	-24.50	Peak	16.00	150	Horizontal	Pass
5**	12096.513	40.20	0.53	54.0	-13.80	AV	16.00	150	Horizontal	Pass
6	15671.625	52.49	1.46	74.0	-21.51	Peak	229.00	150	Horizontal	Pass
6**	15671.625	43.54	1.46	54.0	-10.46	AV	229.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.400	38.54	-17.50	74.0	-35.46	Peak	284.00	150	Vertical	Pass
1**	1492.400	27.85	-17.50	54.0	-26.15	AV	284.00	150	Vertical	Pass
2	2774.400	42.43	-10.48	74.0	-31.57	Peak	33.00	150	Vertical	Pass
2**	2774.400	33.91	-10.48	54.0	-20.09	AV	33.00	150	Vertical	Pass
3	4049.000	46.78	-4.71	74.0	-27.22	Peak	351.00	150	Vertical	Pass
3**	4049.000	37.91	-4.71	54.0	-16.09	AV	351.00	150	Vertical	Pass
4	5700.800	99.39	-2.08	--	--	Peak	80.00	150	Vertical	N/A
4**	5700.800	93.00	-2.08	--	--	AV	80.00	150	Vertical	N/A
5	11755.537	49.43	1.07	74.0	-24.57	Peak	290.00	150	Vertical	Pass
5**	11755.537	40.90	1.07	54.0	-13.10	AV	290.00	150	Vertical	Pass
6	15797.625	52.85	2.26	74.0	-21.15	Peak	275.00	150	Vertical	Pass
6**	15797.625	44.25	2.26	54.0	-9.75	AV	275.00	150	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, 144 channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1539.300	36.59	-17.51	74.0	-37.41	Peak	0.00	150	Horizontal	Pass
1**	1539.300	27.90	-17.51	54.0	-26.10	AV	0.00	150	Horizontal	Pass
2	2767.700	42.71	-10.71	74.0	-31.29	Peak	360.00	150	Horizontal	Pass
2**	2767.700	34.17	-10.71	54.0	-19.83	AV	360.00	150	Horizontal	Pass
3	4108.400	47.19	-5.64	74.0	-26.81	Peak	282.00	150	Horizontal	Pass
3**	4108.400	36.85	-5.64	54.0	-17.15	AV	282.00	150	Horizontal	Pass
4	5723.800	104.46	-2.33	--	--	Peak	145.00	150	Horizontal	N/A
4**	5723.800	97.12	-2.33	--	--	AV	145.00	150	Horizontal	N/A
5	11988.987	49.73	1.10	74.0	-24.27	Peak	233.00	150	Horizontal	Pass
5**	11988.987	39.87	1.10	54.0	-14.13	AV	233.00	150	Horizontal	Pass
6	15880.050	52.64	0.26	74.0	-21.36	Peak	186.00	150	Horizontal	Pass
6**	15880.050	42.82	0.26	54.0	-11.18	AV	186.00	150	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, 144 channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.200	38.76	-17.59	74.0	-35.24	Peak	78.00	150	Vertical	Pass
1**	1560.200	27.68	-17.59	54.0	-26.32	AV	78.00	150	Vertical	Pass
2	2776.500	43.72	-10.45	74.0	-30.28	Peak	107.00	150	Vertical	Pass
2**	2776.500	33.09	-10.45	54.0	-20.91	AV	107.00	150	Vertical	Pass
3	4260.000	47.15	-4.71	74.0	-26.85	Peak	90.00	150	Vertical	Pass
3**	4260.000	37.32	-4.71	54.0	-16.68	AV	90.00	150	Vertical	Pass
4	5718.000	96.99	-2.48	--	--	Peak	75.00	150	Vertical	N/A
4**	5718.000	89.90	-2.48	--	--	AV	75.00	150	Vertical	N/A
5	11997.901	49.96	1.25	74.0	-24.04	Peak	360.00	150	Vertical	Pass
5**	11997.901	41.09	1.25	54.0	-12.91	AV	360.00	150	Vertical	Pass
6	15511.500	52.75	1.43	74.0	-21.25	Peak	360.00	150	Vertical	Pass
6**	15511.500	43.78	1.43	54.0	-10.22	AV	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.200	36.94	-17.57	74.0	-37.06	Peak	0.00	150	Horizontal	Pass
1**	1574.200	28.08	-17.57	54.0	-25.92	AV	0.00	150	Horizontal	Pass
2	2812.200	42.58	-10.11	74.0	-31.42	Peak	130.00	150	Horizontal	Pass
2**	2812.200	34.24	-10.11	54.0	-19.76	AV	130.00	150	Horizontal	Pass
3	4160.000	46.79	-4.90	74.0	-27.21	Peak	121.00	150	Horizontal	Pass
3**	4160.000	37.46	-4.90	54.0	-16.54	AV	121.00	150	Horizontal	Pass
4	5508.200	99.28	-2.49	--	--	Peak	133.00	150	Horizontal	N/A
4**	5508.200	92.87	-2.49	--	--	AV	133.00	150	Horizontal	N/A
5	11232.862	50.16	-0.36	74.0	-23.84	Peak	283.00	150	Horizontal	Pass
5**	11232.862	40.57	-0.36	54.0	-13.43	AV	283.00	150	Horizontal	Pass
6	15842.775	52.64	1.40	74.0	-21.36	Peak	89.00	150	Horizontal	Pass
6**	15842.775	43.19	1.40	54.0	-10.81	AV	89.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.000	38.97	-17.56	74.0	-35.03	Peak	93.00	150	Vertical	Pass
1**	1500.000	34.76	-17.56	54.0	-19.24	AV	93.00	150	Vertical	Pass
2	2789.500	42.72	-10.58	74.0	-31.28	Peak	0.00	150	Vertical	Pass
2**	2789.500	33.06	-10.58	54.0	-20.94	AV	0.00	150	Vertical	Pass
3	3990.400	46.00	-5.60	74.0	-28.00	Peak	231.00	150	Vertical	Pass
3**	3990.400	37.76	-5.60	54.0	-16.24	AV	231.00	150	Vertical	Pass
4	5515.200	95.48	-2.53	--	--	Peak	53.00	150	Vertical	N/A
4**	5515.200	87.73	-2.53	--	--	AV	53.00	150	Vertical	N/A
5	12275.338	50.02	1.63	74.0	-23.98	Peak	79.00	150	Vertical	Pass
5**	12275.338	40.56	1.63	54.0	-13.44	AV	79.00	150	Vertical	Pass
6	15512.813	52.65	1.42	74.0	-21.35	Peak	40.00	150	Vertical	Pass
6**	15512.813	44.51	1.42	54.0	-9.49	AV	40.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.300	36.64	-17.53	74.0	-37.36	Peak	360.00	150	Horizontal	Pass
1**	1541.300	28.19	-17.53	54.0	-25.81	AV	360.00	150	Horizontal	Pass
2	2788.100	41.86	-10.56	74.0	-32.14	Peak	18.00	150	Horizontal	Pass
2**	2788.100	33.57	-10.56	54.0	-20.43	AV	18.00	150	Horizontal	Pass
3	4136.200	47.30	-4.96	74.0	-26.70	Peak	197.00	150	Horizontal	Pass
3**	4136.200	36.65	-4.96	54.0	-17.35	AV	197.00	150	Horizontal	Pass
4	5586.600	100.39	-2.27	--	--	Peak	134.00	150	Horizontal	N/A
4**	5586.600	93.98	-2.27	--	--	AV	134.00	150	Horizontal	N/A
5	11227.688	49.93	-0.26	74.0	-24.07	Peak	15.00	150	Horizontal	Pass
5**	11227.688	40.21	-0.26	54.0	-13.79	AV	15.00	150	Horizontal	Pass
6	15688.950	52.84	1.33	74.0	-21.16	Peak	226.00	150	Horizontal	Pass
6**	15688.950	43.79	1.33	54.0	-10.21	AV	226.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.100	38.50	-17.55	74.0	-35.50	Peak	99.00	150	Vertical	Pass
1**	1583.100	27.30	-17.55	54.0	-26.70	AV	99.00	150	Vertical	Pass
2	2813.600	42.32	-10.02	74.0	-31.68	Peak	59.00	150	Vertical	Pass
2**	2813.600	33.12	-10.02	54.0	-20.88	AV	59.00	150	Vertical	Pass
3	4273.800	47.49	-4.51	74.0	-26.51	Peak	326.00	150	Vertical	Pass
3**	4273.800	38.60	-4.51	54.0	-15.40	AV	326.00	150	Vertical	Pass
4	5593.600	97.64	-2.46	--	--	Peak	85.00	150	Vertical	N/A
4**	5593.600	90.48	-2.46	--	--	AV	85.00	150	Vertical	N/A
5	11306.750	49.70	0.31	74.0	-24.30	Peak	360.00	150	Vertical	Pass
5**	11306.750	42.38	0.31	54.0	-11.62	AV	360.00	150	Vertical	Pass
6	15513.338	53.06	1.41	74.0	-20.94	Peak	0.00	150	Vertical	Pass
6**	15513.338	44.90	1.41	54.0	-9.10	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.700	36.35	-17.58	74.0	-37.65	Peak	5.00	150	Horizontal	Pass
1**	1506.700	27.77	-17.58	54.0	-26.23	AV	5.00	150	Horizontal	Pass
2	2777.900	42.45	-10.42	74.0	-31.55	Peak	285.00	150	Horizontal	Pass
2**	2777.900	34.40	-10.42	54.0	-19.60	AV	285.00	150	Horizontal	Pass
3	4292.800	47.12	-5.09	74.0	-26.88	Peak	326.00	150	Horizontal	Pass
3**	4292.800	37.71	-5.09	54.0	-16.29	AV	326.00	150	Horizontal	Pass
4	5674.400	102.33	-2.29	--	--	Peak	146.00	150	Horizontal	N/A
4**	5674.400	95.26	-2.29	--	--	AV	146.00	150	Horizontal	N/A
5	12155.737	49.75	0.52	74.0	-24.25	Peak	360.00	150	Horizontal	Pass
5**	12155.737	40.37	0.52	54.0	-13.63	AV	360.00	150	Horizontal	Pass
6	15513.075	53.21	1.41	74.0	-20.79	Peak	6.00	150	Horizontal	Pass
6**	15513.075	45.19	1.41	54.0	-8.81	AV	6.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	38.83	-17.56	74.0	-35.17	Peak	77.00	150	Vertical	Pass
1**	1500.200	35.30	-17.56	54.0	-18.70	AV	77.00	150	Vertical	Pass
2	2774.600	42.94	-10.48	74.0	-31.06	Peak	125.00	150	Vertical	Pass
2**	2774.600	34.56	-10.48	54.0	-19.44	AV	125.00	150	Vertical	Pass
3	4018.400	46.19	-5.14	74.0	-27.81	Peak	171.00	150	Vertical	Pass
3**	4018.400	36.74	-5.14	54.0	-17.26	AV	171.00	150	Vertical	Pass
4	5667.200	95.86	-2.35	--	--	Peak	82.00	150	Vertical	N/A
4**	5667.200	88.89	-2.35	--	--	AV	82.00	150	Vertical	N/A
5	12008.825	50.31	1.21	74.0	-23.69	Peak	313.00	150	Vertical	Pass
5**	12008.825	41.09	1.21	54.0	-12.91	AV	313.00	150	Vertical	Pass
6	15849.600	53.15	1.33	74.0	-20.85	Peak	259.00	150	Vertical	Pass
6**	15849.600	44.07	1.33	54.0	-9.93	AV	259.00	150	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, 142 channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1491.700	37.14	-17.48	74.0	-36.86	Peak	360.00	150	Horizontal	Pass
1**	1491.700	27.55	-17.48	54.0	-26.45	AV	360.00	150	Horizontal	Pass
2	2785.200	42.34	-10.50	74.0	-31.66	Peak	318.00	150	Horizontal	Pass
2**	2785.200	33.95	-10.50	54.0	-20.05	AV	318.00	150	Horizontal	Pass
3	4063.000	47.05	-5.18	74.0	-26.95	Peak	233.00	150	Horizontal	Pass
3**	4063.000	37.01	-5.18	54.0	-16.99	AV	233.00	150	Horizontal	Pass
4	5715.000	101.69	-2.49	--	--	Peak	1.00	150	Horizontal	N/A
4**	5715.000	94.12	-2.49	--	--	AV	1.00	150	Horizontal	N/A
5	12173.563	50.07	0.67	74.0	-23.93	Peak	330.00	150	Horizontal	Pass
5**	12173.563	41.81	0.67	54.0	-12.19	AV	330.00	150	Horizontal	Pass
6	15512.287	53.07	1.42	74.0	-20.93	Peak	360.00	150	Horizontal	Pass
6**	15512.287	44.08	1.42	54.0	-9.92	AV	360.00	150	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, 142 channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1488.900	39.77	-17.54	74.0	-34.23	Peak	87.00	150	Vertical	Pass
1**	1488.900	30.98	-17.54	54.0	-23.02	AV	87.00	150	Vertical	Pass
2	2776.500	42.71	-10.45	74.0	-31.29	Peak	360.00	150	Vertical	Pass
2**	2776.500	33.92	-10.45	54.0	-20.08	AV	360.00	150	Vertical	Pass
3	4124.600	46.06	-5.49	74.0	-27.94	Peak	0.00	150	Vertical	Pass
3**	4124.600	37.00	-5.49	54.0	-17.00	AV	0.00	150	Vertical	Pass
4	5705.800	96.36	-2.26	--	--	Peak	69.00	150	Vertical	N/A
4**	5705.800	89.26	-2.26	--	--	AV	69.00	150	Vertical	N/A
5	12173.850	50.08	0.68	74.0	-23.92	Peak	184.00	150	Vertical	Pass
5**	12173.850	40.50	0.68	54.0	-13.50	AV	184.00	150	Vertical	Pass
6	15795.000	52.56	2.17	74.0	-21.44	Peak	320.00	150	Vertical	Pass
6**	15795.000	43.60	2.17	54.0	-10.40	AV	320.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.400	36.69	-17.55	74.0	-37.31	Peak	104.00	150	Horizontal	Pass
1**	1499.400	27.82	-17.55	54.0	-26.18	AV	104.00	150	Horizontal	Pass
2	2751.300	42.86	-10.81	74.0	-31.14	Peak	54.00	150	Horizontal	Pass
2**	2751.300	32.90	-10.81	54.0	-21.10	AV	54.00	150	Horizontal	Pass
3	4057.000	46.75	-4.88	74.0	-27.25	Peak	8.00	150	Horizontal	Pass
3**	4057.000	37.76	-4.88	54.0	-16.24	AV	8.00	150	Horizontal	Pass
4	5523.000	96.08	-2.39	--	--	Peak	132.00	150	Horizontal	N/A
4**	5523.000	89.43	-2.39	--	--	AV	132.00	150	Horizontal	N/A
5	12162.350	49.33	0.57	74.0	-24.67	Peak	39.00	150	Horizontal	Pass
5**	12162.350	40.59	0.57	54.0	-13.41	AV	39.00	150	Horizontal	Pass
6	15613.875	52.31	1.44	74.0	-21.69	Peak	37.00	150	Horizontal	Pass
6**	15613.875	43.63	1.44	54.0	-10.37	AV	37.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.800	39.37	-17.57	74.0	-34.63	Peak	66.00	150	Vertical	Pass
1**	1564.800	27.44	-17.57	54.0	-26.56	AV	66.00	150	Vertical	Pass
2	2775.900	42.91	-10.47	74.0	-31.09	Peak	306.00	150	Vertical	Pass
2**	2775.900	33.72	-10.47	54.0	-20.28	AV	306.00	150	Vertical	Pass
3	4217.400	46.71	-5.16	74.0	-27.29	Peak	98.00	150	Vertical	Pass
3**	4217.400	38.34	-5.16	54.0	-15.66	AV	98.00	150	Vertical	Pass
4	5527.600	92.44	-2.36	--	--	Peak	98.00	150	Vertical	N/A
4**	5527.600	84.81	-2.36	--	--	AV	98.00	150	Vertical	N/A
5	11753.525	49.52	1.02	74.0	-24.48	Peak	226.00	150	Vertical	Pass
5**	11753.525	40.64	1.02	54.0	-13.36	AV	226.00	150	Vertical	Pass
6	15808.125	52.86	2.20	74.0	-21.14	Peak	129.00	150	Vertical	Pass
6**	15808.125	44.12	2.20	54.0	-9.88	AV	129.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.300	37.39	-17.30	74.0	-36.61	Peak	293.00	150	Horizontal	Pass
1**	1343.300	28.06	-17.30	54.0	-25.94	AV	293.00	150	Horizontal	Pass
2	2765.200	42.89	-10.81	74.0	-31.11	Peak	30.00	150	Horizontal	Pass
2**	2765.200	32.65	-10.81	54.0	-21.35	AV	30.00	150	Horizontal	Pass
3	4297.400	47.28	-5.02	74.0	-26.72	Peak	80.00	150	Horizontal	Pass
3**	4297.400	37.15	-5.02	54.0	-16.85	AV	80.00	150	Horizontal	Pass
4	5601.400	96.94	-2.56	--	--	Peak	29.00	150	Horizontal	N/A
4**	5601.400	89.62	-2.56	--	--	AV	29.00	150	Horizontal	N/A
5	11671.875	49.23	0.24	74.0	-24.77	Peak	35.00	150	Horizontal	Pass
5**	11671.875	39.89	0.24	54.0	-14.11	AV	35.00	150	Horizontal	Pass
6	15524.888	53.42	1.39	74.0	-20.58	Peak	340.00	150	Horizontal	Pass
6**	15524.888	44.65	1.39	54.0	-9.35	AV	340.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.500	36.96	-17.54	74.0	-37.04	Peak	46.00	150	Vertical	Pass
1**	1498.500	27.59	-17.54	54.0	-26.41	AV	46.00	150	Vertical	Pass
2	2813.900	42.03	-10.03	74.0	-31.97	Peak	163.00	150	Vertical	Pass
2**	2813.900	33.85	-10.03	54.0	-20.15	AV	163.00	150	Vertical	Pass
3	3955.600	46.37	-4.67	74.0	-27.63	Peak	207.00	150	Vertical	Pass
3**	3955.600	37.95	-4.67	54.0	-16.05	AV	207.00	150	Vertical	Pass
4	5614.400	92.86	-2.52	--	--	Peak	78.00	150	Vertical	N/A
4**	5614.400	86.81	-2.52	--	--	AV	78.00	150	Vertical	N/A
5	11071.863	49.54	-1.15	74.0	-24.46	Peak	135.00	150	Vertical	Pass
5**	11071.863	40.68	-1.15	54.0	-13.32	AV	135.00	150	Vertical	Pass
6	15611.775	53.35	1.34	74.0	-20.65	Peak	107.00	150	Vertical	Pass
6**	15611.775	43.41	1.34	54.0	-10.59	AV	107.00	150	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, 138 channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.500	36.52	-17.51	74.0	-37.48	Peak	262.00	150	Horizontal	Pass
1**	1544.500	28.33	-17.51	54.0	-25.67	AV	262.00	150	Horizontal	Pass
2	2780.700	43.10	-10.41	74.0	-30.90	Peak	311.00	150	Horizontal	Pass
2**	2780.700	34.24	-10.41	54.0	-19.76	AV	311.00	150	Horizontal	Pass
3	4163.800	47.25	-4.99	74.0	-26.75	Peak	285.00	150	Horizontal	Pass
3**	4163.800	37.80	-4.99	54.0	-16.20	AV	285.00	150	Horizontal	Pass
4	5699.600	98.38	-2.03	--	--	Peak	143.00	150	Horizontal	N/A
4**	5699.600	91.38	-2.03	--	--	AV	143.00	150	Horizontal	N/A
5	11058.638	49.47	-0.85	74.0	-24.53	Peak	16.00	150	Horizontal	Pass
5**	11058.638	40.74	-0.85	54.0	-13.26	AV	16.00	150	Horizontal	Pass
6	15699.450	52.83	0.91	74.0	-21.17	Peak	214.00	150	Horizontal	Pass
6**	15699.450	43.60	0.91	54.0	-10.40	AV	214.00	150	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, 138 channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	38.21	-17.58	74.0	-35.79	Peak	54.00	150	Vertical	Pass
1**	1496.400	28.12	-17.58	54.0	-25.88	AV	54.00	150	Vertical	Pass
2	2806.300	42.50	-10.33	74.0	-31.50	Peak	96.00	150	Vertical	Pass
2**	2806.300	34.05	-10.33	54.0	-19.95	AV	96.00	150	Vertical	Pass
3	4094.600	46.50	-5.71	74.0	-27.50	Peak	89.00	150	Vertical	Pass
3**	4094.600	37.39	-5.71	54.0	-16.61	AV	89.00	150	Vertical	Pass
4	5695.600	91.55	-2.07	--	--	Peak	76.00	150	Vertical	N/A
4**	5695.600	86.01	-2.07	--	--	AV	76.00	150	Vertical	N/A
5	11349.875	49.89	-0.03	74.0	-24.11	Peak	244.00	150	Vertical	Pass
5**	11349.875	40.21	-0.03	54.0	-13.79	AV	244.00	150	Vertical	Pass
6	15520.162	52.83	1.38	74.0	-21.17	Peak	0.00	150	Vertical	Pass
6**	15520.162	44.55	1.38	54.0	-9.45	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.400	36.89	-15.19	74.0	-37.11	Peak	150.00	150	Horizontal	Pass
1**	1585.400	27.36	-15.19	54.0	-26.64	AV	150.00	150	Horizontal	Pass
2	2776.200	41.34	-8.57	74.0	-32.66	Peak	258.00	150	Horizontal	Pass
2**	2776.200	33.15	-8.57	54.0	-20.85	AV	258.00	150	Horizontal	Pass
3	4012.800	46.97	-4.44	74.0	-27.03	Peak	333.00	150	Horizontal	Pass
3**	4012.800	36.51	-4.44	54.0	-17.49	AV	333.00	150	Horizontal	Pass
4	5746.400	102.03	0.39	--	-75.97	Peak	178.00	150	Horizontal	N/A
4**	5746.400	95.13	0.39	--	95.13	AV	178.00	150	Horizontal	N/A
5	11799.525	50.10	18.55	74.0	-23.90	Peak	188.00	150	Horizontal	Pass
5**	11799.525	38.74	18.55	54.0	-15.26	AV	188.00	150	Horizontal	Pass
6	15659.813	54.81	23.46	74.0	-19.19	Peak	172.00	150	Horizontal	Pass
6**	15659.813	43.68	23.46	54.0	-10.32	AV	172.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	37.14	-15.06	74.0	-36.86	Peak	176.00	150	Vertical	Pass
1**	1493.300	27.65	-15.06	54.0	-26.35	AV	176.00	150	Vertical	Pass
2	2847.500	42.40	-8.28	74.0	-31.60	Peak	149.00	150	Vertical	Pass
2**	2847.500	31.95	-8.28	54.0	-22.05	AV	149.00	150	Vertical	Pass
3	4016.800	47.10	-4.09	74.0	-26.90	Peak	158.00	150	Vertical	Pass
3**	4016.800	34.50	-4.09	54.0	-19.50	AV	158.00	150	Vertical	Pass
4	5747.400	92.67	0.33	--	-9.33	Peak	102.00	150	Vertical	N/A
4**	5747.400	86.13	0.33	--	86.13	AV	102.00	150	Vertical	N/A
5	12344.912	50.67	19.75	74.0	-23.33	Peak	304.00	150	Vertical	Pass
5**	12344.912	38.89	19.75	54.0	-15.11	AV	304.00	150	Vertical	Pass
6	15683.963	55.43	23.59	74.0	-18.57	Peak	83.00	150	Vertical	Pass
6**	15683.963	43.60	23.59	54.0	-10.40	AV	83.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1579.400	36.63	-15.17	74.0	-37.37	Peak	106.00	150	Horizontal	Pass
1**	1579.400	27.78	-15.17	54.0	-26.22	AV	106.00	150	Horizontal	Pass
2	2808.900	42.78	-8.58	74.0	-31.22	Peak	234.00	150	Horizontal	Pass
2**	2808.900	32.49	-8.58	54.0	-21.51	AV	234.00	150	Horizontal	Pass
3	4169.200	47.27	-3.73	74.0	-26.73	Peak	33.00	150	Horizontal	Pass
3**	4169.200	35.05	-3.73	54.0	-18.95	AV	33.00	150	Horizontal	Pass
4	5786.400	103.69	0.77	--	60.69	Peak	43.00	150	Horizontal	N/A
4**	5786.400	96.41	0.77	--	96.41	AV	43.00	150	Horizontal	N/A
5	11625.875	50.52	20.27	74.0	-23.48	Peak	101.00	150	Horizontal	Pass
5**	11625.875	38.89	20.27	54.0	-15.11	AV	101.00	150	Horizontal	Pass
6	15907.088	55.06	23.40	74.0	-18.94	Peak	152.00	150	Horizontal	Pass
6**	15907.088	43.11	23.40	54.0	-10.89	AV	152.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.700	36.84	-15.15	74.0	-37.16	Peak	314.00	150	Vertical	Pass
1**	1501.700	28.76	-15.15	54.0	-25.24	AV	314.00	150	Vertical	Pass
2	2826.400	42.26	-8.40	74.0	-31.74	Peak	210.00	150	Vertical	Pass
2**	2826.400	31.09	-8.40	54.0	-22.91	AV	210.00	150	Vertical	Pass
3	4252.400	47.33	-3.19	74.0	-26.67	Peak	15.00	150	Vertical	Pass
3**	4252.400	36.21	-3.19	54.0	-17.79	AV	15.00	150	Vertical	Pass
4	5783.600	92.20	0.85	--	-21.80	Peak	114.00	150	Vertical	N/A
4**	5783.600	86.05	0.85	--	86.05	AV	114.00	150	Vertical	N/A
5	12327.088	51.00	19.87	74.0	-23.00	Peak	217.00	150	Vertical	Pass
5**	12327.088	39.42	19.87	54.0	-14.58	AV	217.00	150	Vertical	Pass
6	15540.112	55.08	23.70	74.0	-18.92	Peak	0.00	150	Vertical	Pass
6**	15540.112	42.77	23.70	54.0	-11.23	AV	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1372.500	36.81	-14.82	74.0	-37.19	Peak	11.00	150	Horizontal	Pass
1**	1372.500	27.21	-14.82	54.0	-26.79	AV	11.00	150	Horizontal	Pass
2	2833.400	42.02	-8.47	74.0	-31.98	Peak	132.00	150	Horizontal	Pass
2**	2833.400	32.44	-8.47	54.0	-21.56	AV	132.00	150	Horizontal	Pass
3	4130.800	46.78	-4.10	74.0	-27.22	Peak	219.00	150	Horizontal	Pass
3**	4130.800	35.61	-4.10	54.0	-18.39	AV	219.00	150	Horizontal	Pass
4	5825.600	103.41	0.79	--	62.41	Peak	41.00	150	Horizontal	N/A
4**	5825.600	96.49	0.79	--	96.49	AV	41.00	150	Horizontal	N/A
5	12333.125	50.69	19.83	74.0	-23.31	Peak	77.00	150	Horizontal	Pass
5**	12333.125	38.38	19.83	54.0	-15.62	AV	77.00	150	Horizontal	Pass
6	15643.013	55.37	23.55	74.0	-18.63	Peak	80.00	150	Horizontal	Pass
6**	15643.013	43.44	23.55	54.0	-10.56	AV	80.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.400	37.91	-15.27	74.0	-36.09	Peak	169.00	150	Vertical	Pass
1**	1575.400	27.54	-15.27	54.0	-26.46	AV	169.00	150	Vertical	Pass
2	2869.800	43.02	-8.20	74.0	-30.98	Peak	48.00	150	Vertical	Pass
2**	2869.800	33.05	-8.20	54.0	-20.95	AV	48.00	150	Vertical	Pass
3	4128.200	46.85	-4.02	74.0	-27.15	Peak	183.00	150	Vertical	Pass
3**	4128.200	35.00	-4.02	54.0	-19.00	AV	183.00	150	Vertical	Pass
4	5819.600	92.91	0.97	--	-40.09	Peak	133.00	150	Vertical	N/A
4**	5819.600	85.89	0.97	--	85.89	AV	133.00	150	Vertical	N/A
5	11657.500	50.74	20.30	74.0	-23.26	Peak	295.00	150	Vertical	Pass
5**	11657.500	38.15	20.30	54.0	-15.85	AV	295.00	150	Vertical	Pass
6	15461.625	55.25	23.54	74.0	-18.75	Peak	10.00	150	Vertical	Pass
6**	15461.625	44.14	23.54	54.0	-9.86	AV	10.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1375.500	36.58	-14.89	74.0	-37.42	Peak	163.00	150	Horizontal	Pass
1**	1375.500	28.33	-14.89	54.0	-25.67	AV	163.00	150	Horizontal	Pass
2	2779.200	41.55	-8.51	74.0	-32.45	Peak	122.00	150	Horizontal	Pass
2**	2779.200	32.74	-8.51	54.0	-21.26	AV	122.00	150	Horizontal	Pass
3	3945.400	46.48	-4.95	74.0	-27.52	Peak	77.00	150	Horizontal	Pass
3**	3945.400	34.77	-4.95	54.0	-19.23	AV	77.00	150	Horizontal	Pass
4	5745.800	101.68	0.38	--	55.68	Peak	46.00	150	Horizontal	N/A
4**	5745.800	95.14	0.38	--	95.14	AV	46.00	150	Horizontal	N/A
5	12249.175	50.69	20.46	74.0	-23.31	Peak	71.00	150	Horizontal	Pass
5**	12249.175	38.64	20.46	54.0	-15.36	AV	71.00	150	Horizontal	Pass
6	15625.687	55.55	23.48	74.0	-18.45	Peak	259.00	150	Horizontal	Pass
6**	15625.687	45.13	23.48	54.0	-8.87	AV	259.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	38.39	-14.78	74.0	-35.61	Peak	71.00	150	Vertical	Pass
1**	1333.300	28.11	-14.78	54.0	-25.89	AV	71.00	150	Vertical	Pass
2	2836.200	41.79	-8.47	74.0	-32.21	Peak	262.00	150	Vertical	Pass
2**	2836.200	32.75	-8.47	54.0	-21.25	AV	262.00	150	Vertical	Pass
3	4202.800	46.68	-4.12	74.0	-27.32	Peak	135.00	150	Vertical	Pass
3**	4202.800	35.80	-4.12	54.0	-18.20	AV	135.00	150	Vertical	Pass
4	5743.800	94.35	0.15	--	-8.65	Peak	103.00	150	Vertical	N/A
4**	5743.800	87.36	0.15	--	87.36	AV	103.00	150	Vertical	N/A
5	11611.213	50.77	20.19	74.0	-23.23	Peak	27.00	150	Vertical	Pass
5**	11611.213	39.11	20.19	54.0	-14.89	AV	27.00	150	Vertical	Pass
6	15497.588	55.41	23.93	74.0	-18.59	Peak	185.00	150	Vertical	Pass
6**	15497.588	44.79	23.93	54.0	-9.21	AV	185.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.800	35.53	-15.07	74.0	-38.47	Peak	245.00	150	Horizontal	Pass
1**	1512.800	26.44	-15.07	54.0	-27.56	AV	245.00	150	Horizontal	Pass
2	2865.400	42.48	-8.05	74.0	-31.52	Peak	205.00	150	Horizontal	Pass
2**	2865.400	32.93	-8.05	54.0	-21.07	AV	205.00	150	Horizontal	Pass
3	4160.800	46.77	-3.49	74.0	-27.23	Peak	95.00	150	Horizontal	Pass
3**	4160.800	35.37	-3.49	54.0	-18.63	AV	95.00	150	Horizontal	Pass
4	5785.800	102.39	0.77	--	54.39	Peak	48.00	150	Horizontal	N/A
4**	5785.800	95.51	0.77	--	95.51	AV	48.00	150	Horizontal	N/A
5	11614.662	50.64	20.21	74.0	-23.36	Peak	41.00	150	Horizontal	Pass
5**	11614.662	38.61	20.21	54.0	-15.39	AV	41.00	150	Horizontal	Pass
6	15514.912	55.43	23.82	74.0	-18.57	Peak	79.00	150	Horizontal	Pass
6**	15514.912	43.41	23.82	54.0	-10.59	AV	79.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.200	36.91	-15.05	74.0	-37.09	Peak	117.00	150	Vertical	Pass
1**	1493.200	28.21	-15.05	54.0	-25.79	AV	117.00	150	Vertical	Pass
2	2804.000	42.01	-8.74	74.0	-31.99	Peak	204.00	150	Vertical	Pass
2**	2804.000	32.15	-8.74	54.0	-21.85	AV	204.00	150	Vertical	Pass
3	3979.400	46.47	-4.05	74.0	-27.53	Peak	74.00	150	Vertical	Pass
3**	3979.400	34.70	-4.05	54.0	-19.30	AV	74.00	150	Vertical	Pass
4	5786.200	92.75	0.77	--	-17.25	Peak	110.00	150	Vertical	N/A
4**	5786.200	86.23	0.77	--	86.23	AV	110.00	150	Vertical	N/A
5	11658.075	50.40	20.29	74.0	-23.60	Peak	84.00	150	Vertical	Pass
5**	11658.075	39.53	20.29	54.0	-14.47	AV	84.00	150	Vertical	Pass
6	15687.375	56.36	23.58	74.0	-17.64	Peak	119.00	150	Vertical	Pass
6**	15687.375	44.53	23.58	54.0	-9.47	AV	119.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1513.700	36.49	-15.09	74.0	-37.51	Peak	169.00	150	Horizontal	Pass
1**	1513.700	27.16	-15.09	54.0	-26.84	AV	169.00	150	Horizontal	Pass
2	2793.300	41.67	-8.86	74.0	-32.33	Peak	73.00	150	Horizontal	Pass
2**	2793.300	31.25	-8.86	54.0	-22.75	AV	73.00	150	Horizontal	Pass
3	4238.000	47.37	-3.34	74.0	-26.63	Peak	137.00	150	Horizontal	Pass
3**	4238.000	35.36	-3.34	54.0	-18.64	AV	137.00	150	Horizontal	Pass
4	5826.800	102.90	0.80	--	51.90	Peak	51.00	150	Horizontal	N/A
4**	5826.800	96.82	0.80	--	96.82	AV	51.00	150	Horizontal	N/A
5	11582.750	49.51	19.92	74.0	-24.49	Peak	170.00	150	Horizontal	Pass
5**	11582.750	37.69	19.92	54.0	-16.31	AV	170.00	150	Horizontal	Pass
6	15626.738	55.85	23.49	74.0	-18.15	Peak	264.00	150	Horizontal	Pass
6**	15626.738	44.03	23.49	54.0	-9.97	AV	264.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1377.300	37.41	-14.94	74.0	-36.59	Peak	125.00	150	Vertical	Pass
1**	1377.300	27.48	-14.94	54.0	-26.52	AV	125.00	150	Vertical	Pass
2	2812.600	43.25	-8.39	74.0	-30.75	Peak	178.00	150	Vertical	Pass
2**	2812.600	33.51	-8.39	54.0	-20.49	AV	178.00	150	Vertical	Pass
3	4318.400	47.30	-3.15	74.0	-26.70	Peak	47.00	150	Vertical	Pass
3**	4318.400	35.91	-3.15	54.0	-18.09	AV	47.00	150	Vertical	Pass
4	5822.200	92.33	0.89	--	-48.67	Peak	141.00	150	Vertical	N/A
4**	5822.200	86.11	0.89	--	86.11	AV	141.00	150	Vertical	N/A
5	11667.562	50.20	20.19	74.0	-23.80	Peak	278.00	150	Vertical	Pass
5**	11667.562	41.36	20.19	54.0	-12.64	AV	278.00	150	Vertical	Pass
6	15658.762	55.46	23.47	74.0	-18.54	Peak	11.00	150	Vertical	Pass
6**	15658.762	43.52	23.47	54.0	-10.48	AV	11.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1573.700	36.83	-15.29	74.0	-37.17	Peak	201.00	150	Horizontal	Pass
1**	1573.700	27.43	-15.29	54.0	-26.57	AV	201.00	150	Horizontal	Pass
2	2823.000	41.36	-8.35	74.0	-32.64	Peak	291.00	150	Horizontal	Pass
2**	2823.000	32.50	-8.35	54.0	-21.50	AV	291.00	150	Horizontal	Pass
3	4084.800	47.12	-4.22	74.0	-26.88	Peak	0.00	150	Horizontal	Pass
3**	4084.800	36.50	-4.22	54.0	-17.50	AV	0.00	150	Horizontal	Pass
4	5758.400	98.72	0.63	--	56.72	Peak	42.00	150	Horizontal	N/A
4**	5758.400	92.55	0.63	--	92.55	AV	42.00	150	Horizontal	N/A
5	11678.200	49.86	20.08	74.0	-24.14	Peak	188.00	150	Horizontal	Pass
5**	11678.200	37.97	20.08	54.0	-16.03	AV	188.00	150	Horizontal	Pass
6	15995.025	54.87	24.02	74.0	-19.13	Peak	331.00	150	Horizontal	Pass
6**	15995.025	44.71	24.02	54.0	-9.29	AV	331.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.600	35.60	-14.95	74.0	-38.40	Peak	16.00	150	Vertical	Pass
1**	1546.600	27.65	-14.95	54.0	-26.35	AV	16.00	150	Vertical	Pass
2	2730.600	42.04	-8.63	74.0	-31.96	Peak	347.00	150	Vertical	Pass
2**	2730.600	31.83	-8.63	54.0	-22.17	AV	347.00	150	Vertical	Pass
3	4073.200	46.74	-4.08	74.0	-27.26	Peak	330.00	150	Vertical	Pass
3**	4073.200	36.41	-4.08	54.0	-17.59	AV	330.00	150	Vertical	Pass
4	5752.600	89.94	0.51	--	-42.06	Peak	132.00	150	Vertical	N/A
4**	5752.600	84.28	0.51	--	84.28	AV	132.00	150	Vertical	N/A
5	11652.901	49.98	20.36	74.0	-24.02	Peak	0.00	150	Vertical	Pass
5**	11652.901	38.85	20.36	54.0	-15.15	AV	0.00	150	Vertical	Pass
6	15661.125	55.10	23.47	74.0	-18.90	Peak	283.00	150	Vertical	Pass
6**	15661.125	43.51	23.47	54.0	-10.49	AV	283.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1572.400	36.84	-15.26	74.0	-37.16	Peak	153.00	150	Horizontal	Pass
1**	1572.400	27.19	-15.26	54.0	-26.81	AV	153.00	150	Horizontal	Pass
2	2834.200	41.77	-8.47	74.0	-32.23	Peak	0.00	150	Horizontal	Pass
2**	2834.200	32.33	-8.47	54.0	-21.67	AV	0.00	150	Horizontal	Pass
3	4127.400	47.27	-3.97	74.0	-26.73	Peak	325.00	150	Horizontal	Pass
3**	4127.400	35.62	-3.97	54.0	-18.38	AV	325.00	150	Horizontal	Pass
4	5789.600	99.91	0.97	--	54.91	Peak	45.00	150	Horizontal	N/A
4**	5789.600	93.90	0.97	--	93.90	AV	45.00	150	Horizontal	N/A
5	12225.599	50.19	20.44	74.0	-23.81	Peak	15.00	150	Horizontal	Pass
5**	12225.599	38.54	20.44	54.0	-15.46	AV	15.00	150	Horizontal	Pass
6	15834.900	56.05	23.40	74.0	-17.95	Peak	154.00	150	Horizontal	Pass
6**	15834.900	42.77	23.40	54.0	-11.23	AV	154.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1391.200	36.29	-14.90	74.0	-37.71	Peak	288.00	150	Vertical	Pass
1**	1391.200	27.40	-14.90	54.0	-26.60	AV	288.00	150	Vertical	Pass
2	2779.300	42.01	-8.51	74.0	-31.99	Peak	167.00	150	Vertical	Pass
2**	2779.300	32.44	-8.51	54.0	-21.56	AV	167.00	150	Vertical	Pass
3	4145.600	46.72	-3.73	74.0	-27.28	Peak	277.00	150	Vertical	Pass
3**	4145.600	35.16	-3.73	54.0	-18.84	AV	277.00	150	Vertical	Pass
4	5798.400	89.86	0.85	--	7.86	Peak	82.00	150	Vertical	N/A
4**	5798.400	82.90	0.85	--	82.90	AV	82.00	150	Vertical	N/A
5	11163.288	49.86	18.52	74.0	-24.14	Peak	260.00	150	Vertical	Pass
5**	11163.288	37.21	18.52	54.0	-16.79	AV	260.00	150	Vertical	Pass
6	15918.900	55.44	23.62	74.0	-18.56	Peak	105.00	150	Vertical	Pass
6**	15918.900	44.62	23.62	54.0	-9.38	AV	105.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.700	37.29	-15.08	74.0	-36.71	Peak	312.00	150	Horizontal	Pass
1**	1493.700	27.29	-15.08	54.0	-26.71	AV	312.00	150	Horizontal	Pass
2	2795.500	41.58	-8.88	74.0	-32.42	Peak	322.00	150	Horizontal	Pass
2**	2795.500	31.81	-8.88	54.0	-22.19	AV	322.00	150	Horizontal	Pass
3	4303.000	47.66	-3.63	74.0	-26.34	Peak	218.00	150	Horizontal	Pass
3**	4303.000	35.57	-3.63	54.0	-18.43	AV	218.00	150	Horizontal	Pass
4	5746.400	100.90	0.39	--	58.90	Peak	42.00	150	Horizontal	N/A
4**	5746.400	94.93	0.39	--	94.93	AV	42.00	150	Horizontal	N/A
5	11666.413	50.10	20.20	74.0	-23.90	Peak	16.00	150	Horizontal	Pass
5**	11666.413	38.43	20.20	54.0	-15.57	AV	16.00	150	Horizontal	Pass
6	15548.775	55.54	23.62	74.0	-18.46	Peak	73.00	150	Horizontal	Pass
6**	15548.775	43.85	23.62	54.0	-10.15	AV	73.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.900	36.29	-15.16	74.0	-37.71	Peak	109.00	150	Vertical	Pass
1**	1508.900	27.08	-15.16	54.0	-26.92	AV	109.00	150	Vertical	Pass
2	2729.100	42.22	-8.69	74.0	-31.78	Peak	360.00	150	Vertical	Pass
2**	2729.100	31.83	-8.69	54.0	-22.17	AV	360.00	150	Vertical	Pass
3	4054.000	47.01	-3.78	74.0	-26.99	Peak	215.00	150	Vertical	Pass
3**	4054.000	34.96	-3.78	54.0	-19.04	AV	215.00	150	Vertical	Pass
4	5747.200	91.16	0.34	--	-7.84	Peak	99.00	150	Vertical	N/A
4**	5747.200	83.90	0.34	--	83.90	AV	99.00	150	Vertical	N/A
5	11643.700	50.50	20.37	74.0	-23.50	Peak	233.00	150	Vertical	Pass
5**	11643.700	38.00	20.37	54.0	-16.00	AV	233.00	150	Vertical	Pass
6	15679.237	55.04	23.59	74.0	-18.96	Peak	140.00	150	Vertical	Pass
6**	15679.237	43.52	23.59	54.0	-10.48	AV	140.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1533.900	35.87	-15.01	74.0	-38.13	Peak	286.00	150	Horizontal	Pass
1**	1533.900	26.59	-15.01	54.0	-27.41	AV	286.00	150	Horizontal	Pass
2	2722.900	41.44	-8.66	74.0	-32.56	Peak	332.00	150	Horizontal	Pass
2**	2722.900	32.67	-8.66	54.0	-21.33	AV	332.00	150	Horizontal	Pass
3	4215.200	47.78	-3.96	74.0	-26.22	Peak	116.00	150	Horizontal	Pass
3**	4215.200	34.63	-3.96	54.0	-19.37	AV	116.00	150	Horizontal	Pass
4	5782.800	101.90	0.96	--	52.90	Peak	49.00	150	Horizontal	N/A
4**	5782.800	95.90	0.96	--	95.90	AV	49.00	150	Horizontal	N/A
5	11914.237	50.02	18.10	74.0	-23.98	Peak	317.00	150	Horizontal	Pass
5**	11914.237	38.26	18.10	54.0	-15.74	AV	317.00	150	Horizontal	Pass
6	15830.175	54.42	23.36	74.0	-19.58	Peak	280.00	150	Horizontal	Pass
6**	15830.175	44.11	23.36	54.0	-9.89	AV	280.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	36.52	-15.20	74.0	-37.48	Peak	163.00	150	Vertical	Pass
1**	1497.900	28.83	-15.20	54.0	-25.17	AV	163.00	150	Vertical	Pass
2	2832.400	42.05	-8.44	74.0	-31.95	Peak	218.00	150	Vertical	Pass
2**	2832.400	31.76	-8.44	54.0	-22.24	AV	218.00	150	Vertical	Pass
3	4240.800	47.30	-3.38	74.0	-26.70	Peak	278.00	150	Vertical	Pass
3**	4240.800	35.14	-3.38	54.0	-18.86	AV	278.00	150	Vertical	Pass
4	5784.000	91.53	0.80	--	-6.47	Peak	98.00	150	Vertical	N/A
4**	5784.000	84.86	0.80	--	84.86	AV	98.00	150	Vertical	N/A
5	12159.475	50.55	20.04	74.0	-23.45	Peak	0.00	150	Vertical	Pass
5**	12159.475	39.62	20.04	54.0	-14.38	AV	0.00	150	Vertical	Pass
6	15598.125	55.22	23.55	74.0	-18.78	Peak	142.00	150	Vertical	Pass
6**	15598.125	44.02	23.55	54.0	-9.98	AV	142.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.100	36.65	-15.03	74.0	-37.35	Peak	326.00	150	Horizontal	Pass
1**	1505.100	27.13	-15.03	54.0	-26.87	AV	326.00	150	Horizontal	Pass
2	2777.200	41.81	-8.54	74.0	-32.19	Peak	0.00	150	Horizontal	Pass
2**	2777.200	31.90	-8.54	54.0	-22.10	AV	0.00	150	Horizontal	Pass
3	4154.000	47.10	-3.58	74.0	-26.90	Peak	360.00	150	Horizontal	Pass
3**	4154.000	34.97	-3.58	54.0	-19.03	AV	360.00	150	Horizontal	Pass
4	5823.200	102.01	0.85	--	56.01	Peak	46.00	150	Horizontal	N/A
4**	5823.200	94.69	0.85	--	94.69	AV	46.00	150	Horizontal	N/A
5	11621.562	50.29	20.25	74.0	-23.71	Peak	157.00	150	Horizontal	Pass
5**	11621.562	40.02	20.25	54.0	-13.98	AV	157.00	150	Horizontal	Pass
6	15873.225	55.75	23.35	74.0	-18.25	Peak	307.00	150	Horizontal	Pass
6**	15873.225	43.16	23.35	54.0	-10.84	AV	307.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1593.000	36.93	-15.28	74.0	-37.07	Peak	314.00	150	Vertical	Pass
1**	1593.000	27.30	-15.28	54.0	-26.70	AV	314.00	150	Vertical	Pass
2	2778.100	41.26	-8.52	74.0	-32.74	Peak	229.00	150	Vertical	Pass
2**	2778.100	33.87	-8.52	54.0	-20.13	AV	229.00	150	Vertical	Pass
3	4157.400	46.87	-3.50	74.0	-27.13	Peak	157.00	150	Vertical	Pass
3**	4157.400	35.25	-3.50	54.0	-18.75	AV	157.00	150	Vertical	Pass
4	5823.200	91.20	0.85	--	-18.80	Peak	110.00	150	Vertical	N/A
4**	5823.200	83.58	0.85	--	83.58	AV	110.00	150	Vertical	N/A
5	12274.763	50.24	20.27	74.0	-23.76	Peak	305.00	150	Vertical	Pass
5**	12274.763	38.49	20.27	54.0	-15.51	AV	305.00	150	Vertical	Pass
6	15643.800	54.97	23.55	74.0	-19.03	Peak	13.00	150	Vertical	Pass
6**	15643.800	43.87	23.55	54.0	-10.13	AV	13.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.900	35.85	-15.03	74.0	-38.15	Peak	145.00	150	Horizontal	Pass
1**	1492.900	27.75	-15.03	54.0	-26.25	AV	145.00	150	Horizontal	Pass
2	2834.400	42.66	-8.47	74.0	-31.34	Peak	123.00	150	Horizontal	Pass
2**	2834.400	32.79	-8.47	54.0	-21.21	AV	123.00	150	Horizontal	Pass
3	4156.600	46.63	-3.48	74.0	-27.37	Peak	279.00	150	Horizontal	Pass
3**	4156.600	34.91	-3.48	54.0	-19.09	AV	279.00	150	Horizontal	Pass
4	5759.600	98.40	0.64	--	-96.60	Peak	195.00	150	Horizontal	N/A
4**	5759.600	91.93	0.64	--	91.93	AV	195.00	150	Horizontal	N/A
5	11633.350	50.41	20.32	74.0	-23.59	Peak	0.00	150	Horizontal	Pass
5**	11633.350	38.62	20.32	54.0	-15.38	AV	0.00	150	Horizontal	Pass
6	15635.925	54.57	23.54	74.0	-19.43	Peak	134.00	150	Horizontal	Pass
6**	15635.925	43.68	23.54	54.0	-10.32	AV	134.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1471.600	36.98	-14.88	74.0	-37.02	Peak	114.00	150	Vertical	Pass
1**	1471.600	29.08	-14.88	54.0	-24.92	AV	114.00	150	Vertical	Pass
2	2768.500	42.22	-8.53	74.0	-31.78	Peak	360.00	150	Vertical	Pass
2**	2768.500	31.65	-8.53	54.0	-22.35	AV	360.00	150	Vertical	Pass
3	4126.000	47.68	-3.96	74.0	-26.32	Peak	57.00	150	Vertical	Pass
3**	4126.000	35.57	-3.96	54.0	-18.43	AV	57.00	150	Vertical	Pass
4	5759.400	88.77	0.64	--	-18.23	Peak	107.00	150	Vertical	N/A
4**	5759.400	82.01	0.64	--	82.01	AV	107.00	150	Vertical	N/A
5	11687.400	51.76	19.98	74.0	-22.24	Peak	0.00	150	Vertical	Pass
5**	11687.400	38.71	19.98	54.0	-15.29	AV	0.00	150	Vertical	Pass
6	15523.313	55.20	23.76	74.0	-18.80	Peak	333.00	150	Vertical	Pass
6**	15523.313	44.15	23.76	54.0	-9.85	AV	333.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.600	35.98	-14.99	74.0	-38.02	Peak	58.00	150	Horizontal	Pass
1**	1518.600	26.29	-14.99	54.0	-27.71	AV	58.00	150	Horizontal	Pass
2	2810.300	41.98	-8.50	74.0	-32.02	Peak	177.00	150	Horizontal	Pass
2**	2810.300	32.54	-8.50	54.0	-21.46	AV	177.00	150	Horizontal	Pass
3	4136.400	46.50	-4.12	74.0	-27.50	Peak	360.00	150	Horizontal	Pass
3**	4136.400	35.91	-4.12	54.0	-18.09	AV	360.00	150	Horizontal	Pass
4	5791.400	99.34	0.96	--	51.34	Peak	48.00	150	Horizontal	N/A
4**	5791.400	92.48	0.96	--	92.48	AV	48.00	150	Horizontal	N/A
5	12219.563	49.90	20.45	74.0	-24.10	Peak	185.00	150	Horizontal	Pass
5**	12219.563	38.26	20.45	54.0	-15.74	AV	185.00	150	Horizontal	Pass
6	15514.387	55.35	23.83	74.0	-18.65	Peak	326.00	150	Horizontal	Pass
6**	15514.387	43.87	23.83	54.0	-10.13	AV	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.200	36.91	-15.28	74.0	-37.09	Peak	9.00	150	Vertical	Pass
1**	1574.200	28.33	-15.28	54.0	-25.67	AV	9.00	150	Vertical	Pass
2	2762.200	42.17	-8.86	74.0	-31.83	Peak	21.00	150	Vertical	Pass
2**	2762.200	31.89	-8.86	54.0	-22.11	AV	21.00	150	Vertical	Pass
3	4258.000	47.15	-3.33	74.0	-26.85	Peak	113.00	150	Vertical	Pass
3**	4258.000	35.64	-3.33	54.0	-18.36	AV	113.00	150	Vertical	Pass
4	5792.600	89.09	1.05	--	23.09	Peak	66.00	150	Vertical	N/A
4**	5792.600	82.14	1.05	--	82.14	AV	66.00	150	Vertical	N/A
5	12280.513	51.15	20.22	74.0	-22.85	Peak	289.00	150	Vertical	Pass
5**	12280.513	38.62	20.22	54.0	-15.38	AV	289.00	150	Vertical	Pass
6	15980.325	55.35	24.00	74.0	-18.65	Peak	192.00	150	Vertical	Pass
6**	15980.325	43.77	24.00	54.0	-10.23	AV	192.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1479.400	36.72	-15.04	74.0	-37.28	Peak	196.00	150	Horizontal	Pass
1**	1479.400	27.66	-15.04	54.0	-26.34	AV	196.00	150	Horizontal	Pass
2	2806.000	41.80	-8.73	74.0	-32.20	Peak	248.00	150	Horizontal	Pass
2**	2806.000	31.58	-8.73	54.0	-22.42	AV	248.00	150	Horizontal	Pass
3	4055.800	47.03	-3.87	74.0	-26.97	Peak	135.00	150	Horizontal	Pass
3**	4055.800	34.78	-3.87	54.0	-19.22	AV	135.00	150	Horizontal	Pass
4	5787.000	94.38	0.83	--	-110.62	Peak	205.00	150	Horizontal	N/A
4**	5787.000	86.91	0.83	--	86.91	AV	205.00	150	Horizontal	N/A
5	12163.787	49.90	20.08	74.0	-24.10	Peak	336.00	150	Horizontal	Pass
5**	12163.787	38.29	20.08	54.0	-15.71	AV	336.00	150	Horizontal	Pass
6	15491.812	56.28	23.84	74.0	-17.72	Peak	360.00	150	Horizontal	Pass
6**	15491.812	44.14	23.84	54.0	-9.86	AV	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.900	36.09	-14.83	74.0	-37.91	Peak	22.00	150	Vertical	Pass
1**	1544.900	27.75	-14.83	54.0	-26.25	AV	22.00	150	Vertical	Pass
2	2812.400	41.68	-8.39	74.0	-32.32	Peak	47.00	150	Vertical	Pass
2**	2812.400	32.97	-8.39	54.0	-21.03	AV	47.00	150	Vertical	Pass
3	4015.200	46.45	-4.08	74.0	-27.55	Peak	333.00	150	Vertical	Pass
3**	4015.200	35.86	-4.08	54.0	-18.14	AV	333.00	150	Vertical	Pass
4	5769.800	84.73	0.99	--	-11.27	Peak	96.00	150	Vertical	N/A
4**	5769.800	79.14	0.99	--	79.14	AV	96.00	150	Vertical	N/A
5	12338.013	51.05	19.80	74.0	-22.95	Peak	158.00	150	Vertical	Pass
5**	12338.013	38.18	19.80	54.0	-15.82	AV	158.00	150	Vertical	Pass
6	15557.175	55.05	23.59	74.0	-18.95	Peak	340.00	150	Vertical	Pass
6**	15557.175	43.21	23.59	54.0	-10.79	AV	340.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
		144	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
		144	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
		142	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
		144	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
		142	Pass
	802.11ac(HT80)	Low	Pass
		High	Pass
		138	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
		144	Pass
	802.11n(HT20)	Low	Pass

		High	Pass
		144	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
		142	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
		144	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
		142	Pass
	802.11ac(HT80)	Low	Pass
		High	Pass
		138	Pass

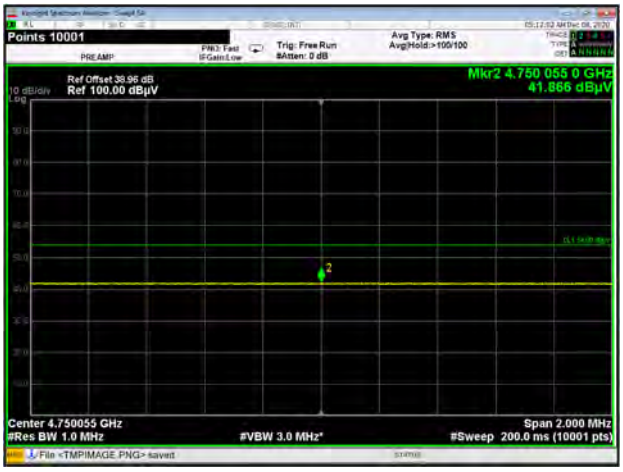
Test Plots

U-NII-1 11a CH36 Peak

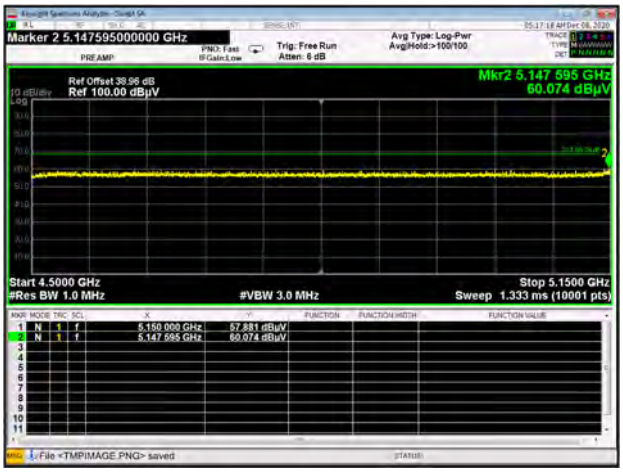
U-NII-1 11a CH48 Peak

U-NII-1 11a CH36 AV

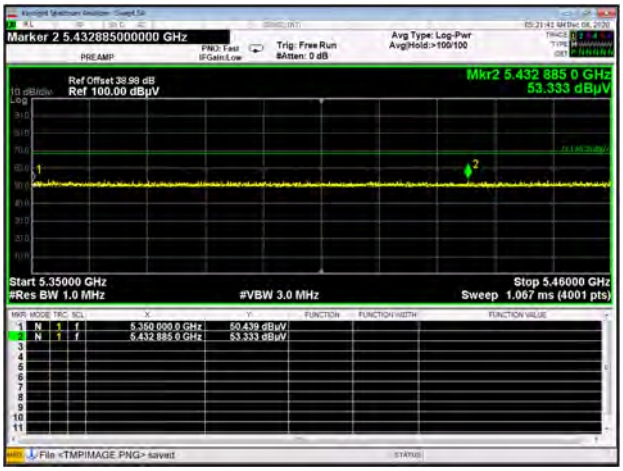
U-NII-1 11a CH36 AV



U-NII-1 11n20 CH36 Peak



U-NII-1 11n20 CH48 Peak



U-NII-1 11n20 CH36 AV

U-NII-1 11n20 CH36 AV

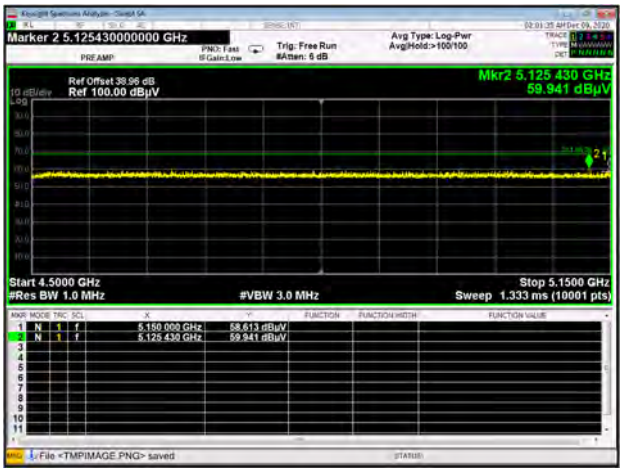
U-NII-1 11n40 CH38 Peak

U-NII-1 11n40 CH46 Peak

U-NII-1 11n40 CH38 AV

U-NII-1 11n40 CH38 AV

U-NII-1 11ac20 CH36 Peak



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U-NII-1 11ac20 CH36 AV

U-NII-1 11ac20 CH36 AV

U-NII-1 11ac40 CH38 Peak

U-NII-1 11ac40 CH46 Peak

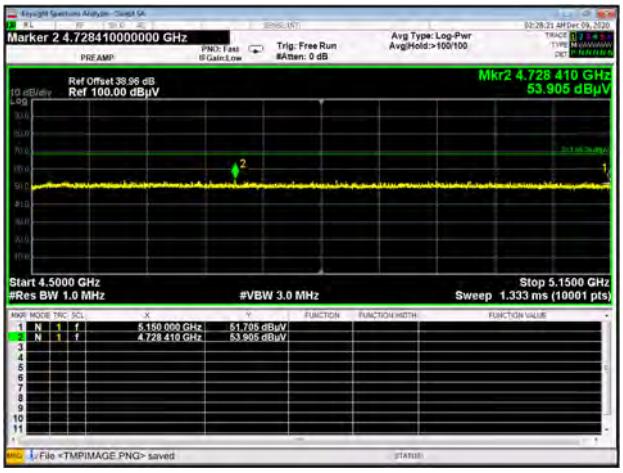
U-NII-1 11ac40 CH38 AV

U-NII-1 11ac80 CH42 Peak

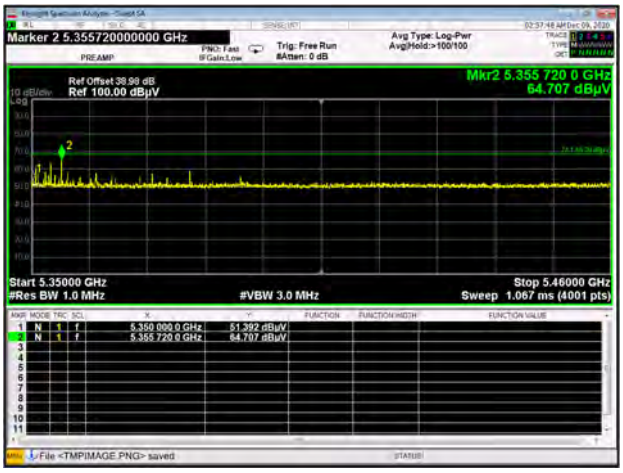
U-NII-1 11ac80 CH42 Peak

U-NII-1 11ac80 CH42 AV

U-NII-2A 11a CH52 Peak



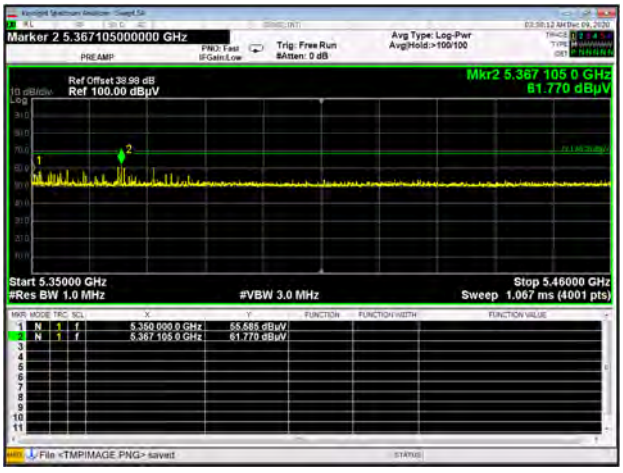
U-NII-2A 11a CH64 Peak



U-NII-2A 11a CH64V

U-NII-2A 11n20 CH52 Peak

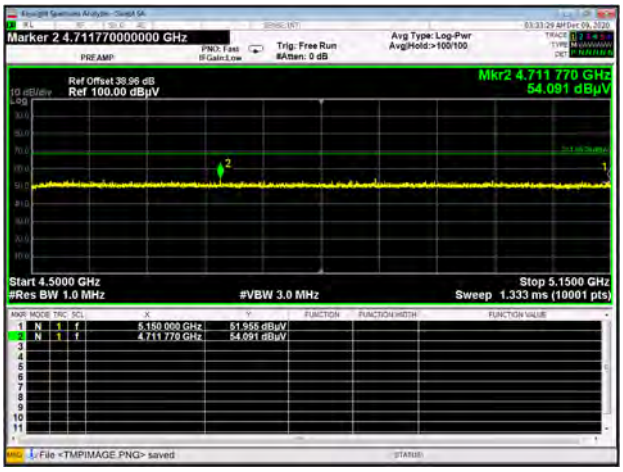
U-NII-2A 11n20 CH64 Peak



U-NII-2A 11n20 CH64 AV

U-NII-2A 11n20 CH64 AV

U-NII-2A 11n40 CH54 Peak



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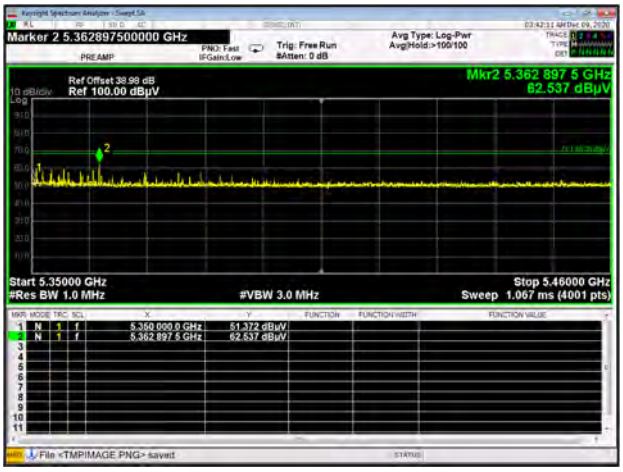

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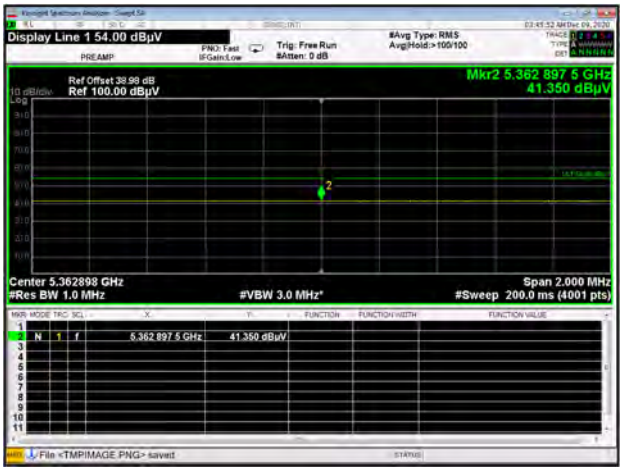
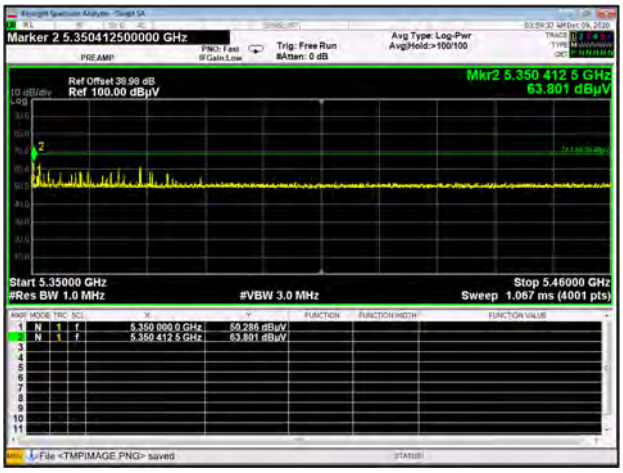
U-NII-2A 11n40 CH62 AV



U-NII-2A 11ac20 CH52 Peak

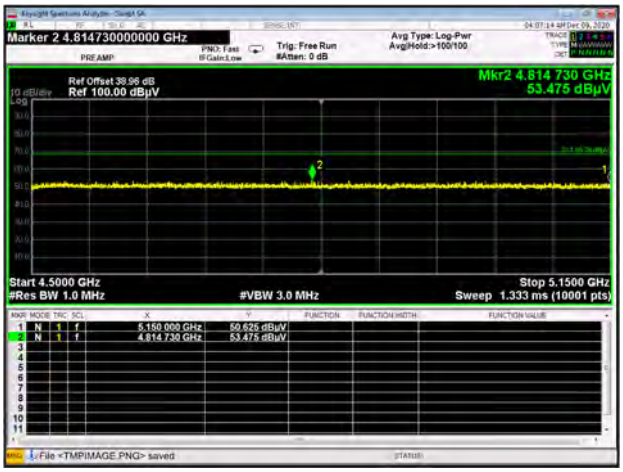
U-NII-2A 11ac20 CH64 Peak



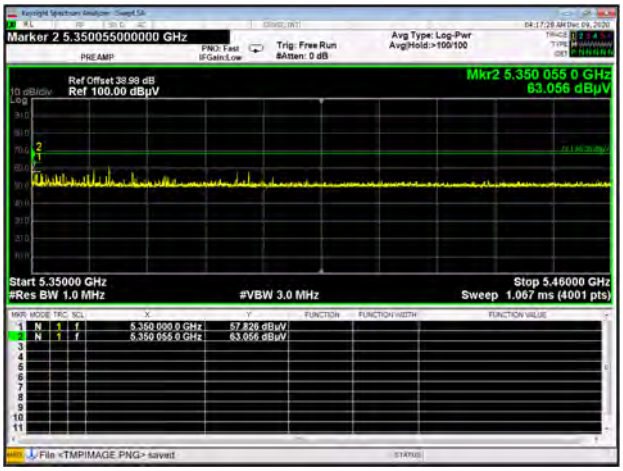
U-NII-2A 11ac20 CH52 AV

U-NII-2A 11ac20 CH64 AV

U-NII-2A 11ac40 CH54 Peak



U-NII-2A 11ac40 CH62 Peak



U-NII-2A 11ac40 CH62 AV

U-NII-2A 11ac40 CH62 AV

U-NII-2A 11ac80 CH58 Peak

U-NII-2A 11ac80 CH58 Peak

U-NII-2A 11ac80 CH58 AV

U-NII-2C 11a CH100 Peak

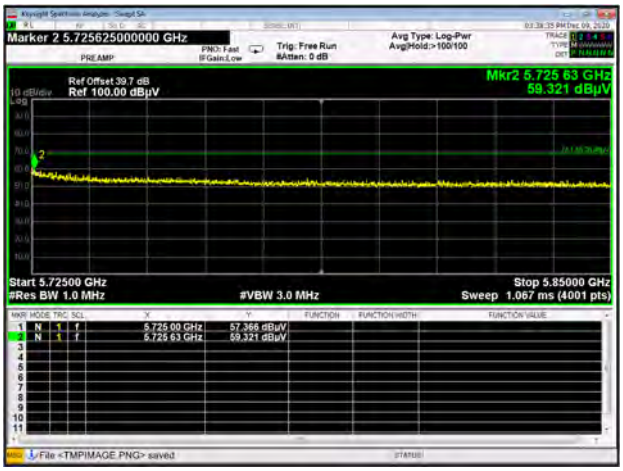
U-NII-2C 11a CH140 Peak

U-NII-2C 11a CH100 AV

U-NII-2C 11a CH144 Peak

U-NII-2C 11n20 CH100 Peak

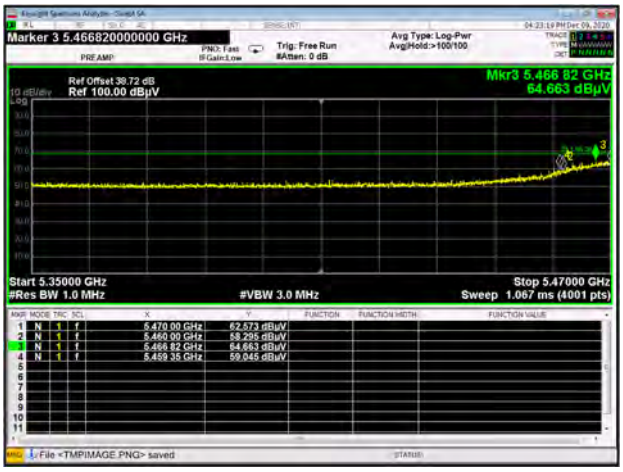
U-NII-2C 11n20 CH140 Peak



U-NII-2C 11n20 CH100 AV

U-NII-2C 11n20 CH144 Peak

U-NII-2C 11n40 CH102 Peak



U-NII-2C 11n40 CH134 Peak

U-NII-2C 11n40 CH102 AV

U-NII-2C 11n40 CH142 Peak

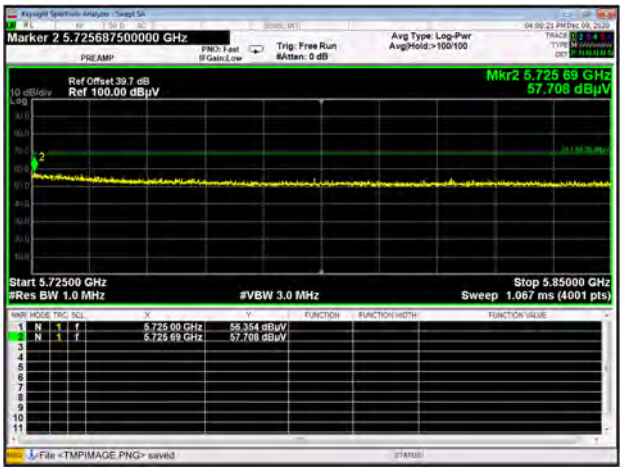
U-NII-2C 11ac20 CH100 Peak

U-NII-2C 11ac20 CH140 Peak

U-NII-2C 11ac20 CH144 Peak

U-NII-2C 11ac40 CH102 Peak

U-NII-2C 11ac40 CH134 Peak



U-NII-2C 11ac40 CH102 AV

U-NII-2C 11ac40 CH142 Peak

U-NII-2C 11ac80 CH106 Peak

U-NII-2C 11ac80 CH122 Peak

U-NII-2C 11ac80 CH106 AV

U-NII-2C 11ac80 CH138 Peak

U-NII-3 11a CH149 Peak

U-NII-3 11a CH165 Peak

U-NII-3 11a CH144 Peak

U-NII-3 11n20 CH149 Peak

U-NII-3 11n20 CH165 Peak

U-NII-3 11n20 CH144 Peak

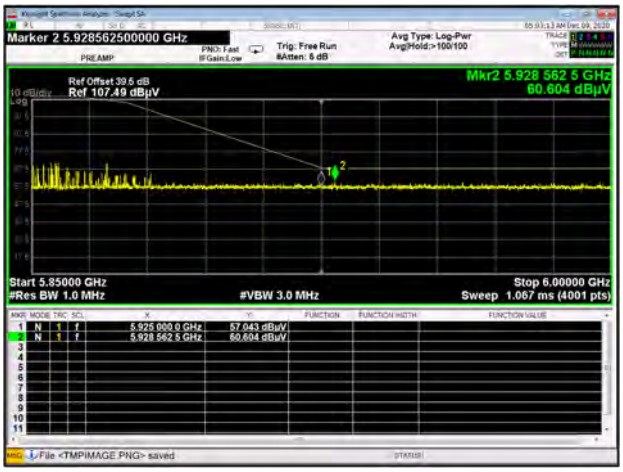
U-NII-3 11n40 CH151 Peak

U-NII-3 11n40 CH159 Peak

U-NII-3 11n40 CH142 Peak

U-NII-3 11ac20 CH149 Peak

U-NII-3 11ac20 CH165 Peak



U-NII-3 11ac20 CH144 Peak

U-NII-3 11ac40 CH151 Peak

U-NII-3 11ac40 CH159 Peak

U-NII-3 11ac40 CH142 Peak

U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH155 Peak

U-NII-3 11ac80 CH138 Peak

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ20B0750-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ20B0750-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ20B0750-AI.PDF”.

--END OF REPORT--