

FCC

RF

TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Mobile Phone

ISSUED TO
Guangdong OPPO Mobile Telecommunications Corp., Ltd.

NO.18 Haibin Road, Wusha Village, Chang'an Town, Dongguan City,
Guangdong, China



Prepared by: Ye Hongji
Ye Hongji

Date: Feb. 03, 2021

Approved by: Wei Yanquan
Wei Yanquan
(Chief Engineer)

Date: Feb. 03, 2021

Report No.: BL-SZ20B0874-604

EUT Name: Mobile Phone

Model Name: CPH2195, CPH2197

Brand Name: OPPO

Test Standard: 47 CFR Part 15 Subpart E

FCC ID: R9C-CPH2195

Test Conclusion: Pass

Test Date: Dec. 02, 2020 ~ Dec. 22, 2020

Date of Issue: Feb. 03, 2021

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Feb. 03, 2021</u>	<u>Initial Issue</u>

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

1.3 Laboratory Condition

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

1.4 Announce

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

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City, Guangdong, China

2.2 Manufacturer

Manufacturer	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City, Guangdong, China

2.3 Factory

Factory	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
Address	NO.18 HaiBin Road, Wusha village, Chang An Town, DongGuan City, Guangdong, China

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	CPH2195
Series Model Name	CPH2197
Description of Model name differentiation	Only different in model name
Hardware Version	11
Software Version	ColorOS V11.1
Dimensions (Approx.)	162.9x74.7x8.4mm
Weight (Approx.)	Glass: about 190g(with battery)

2.5 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 MHz 3G Network WCDMA/HSDPA/HSUPA/HSPA+/DC-HSDPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/26/66 LTE TDD Band 38/41 LTE CA Uplink (UL): 7C, 38C, 41C 5G Network SA: NR n7/n41 NSA(EN-DC): DC_5A_n7A, DC_7A_n5A, DC_26A_n41A, Bluetooth (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, BDS, Galileo, SBAS, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile 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: 18.86 dBm U-NII-2A: 18.75 dBm U-NII-2C: 18.63 dBm U-NII-3: 17.93 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Fixed Internal
Antenna Gain	-3 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.
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During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

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

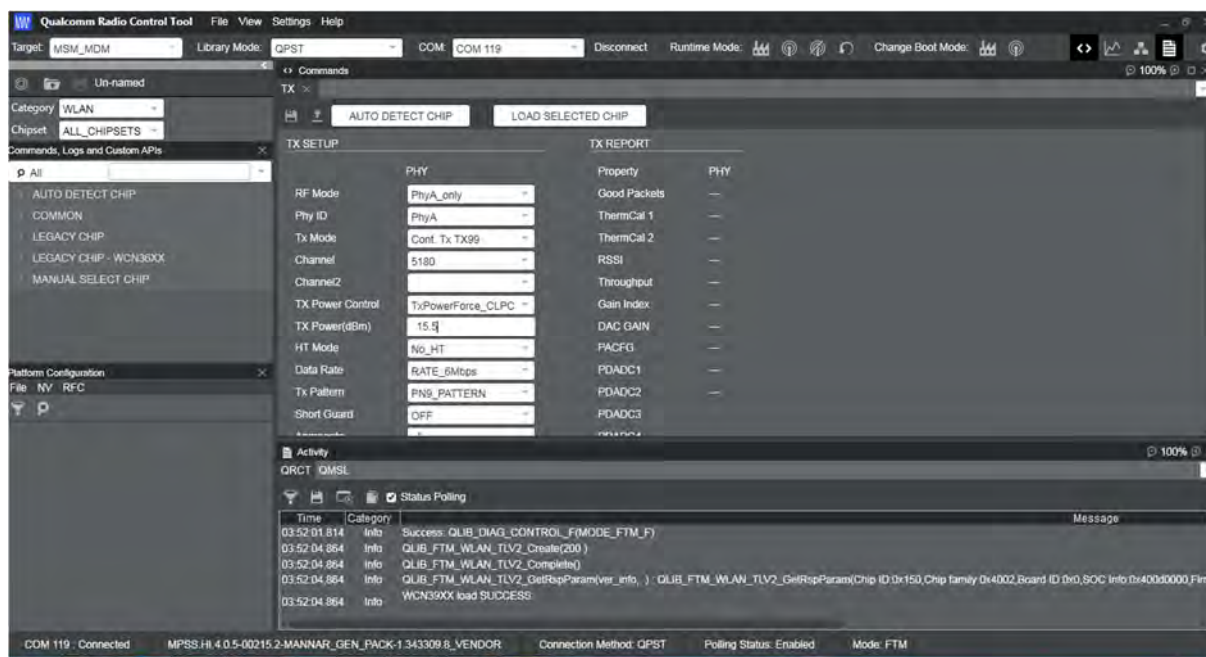
U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	15.50
11a	CH44	5220	17.00
11a	CH48	5240	17.00
11n (HT20)	CH36	5180	15.00
11n (HT20)	CH44	5220	16.00
11n (HT20)	CH48	5240	16.00
11n (HT40)	CH38	5190	12.50
11n (HT40)	CH46	5230	16.00
11ac (VHT20)	CH36	5180	15.50
11ac (VHT20)	CH44	5220	16.00
11ac (VHT20)	CH48	5240	16.00
11ac (VHT40)	CH38	5190	12.50
11ac (VHT40)	CH46	5230	16.00
11ac (VHT80)	CH42	5210	12.00

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	17.00
11a	CH60	5300	17.00
11a	CH64	5320	15.00
11n (HT20)	CH52	5260	16.00
11n (HT20)	CH60	5300	16.00
11n (HT20)	CH64	5320	16.00
11n (HT40)	CH54	5270	16.00
11n (HT40)	CH62	5310	13.00
11ac (VHT20)	CH52	5260	16.00
11ac (VHT20)	CH60	5300	16.00
11ac (VHT20)	CH64	5320	13.50
11ac (VHT40)	CH54	5270	16.00
11ac (VHT40)	CH62	5310	13.00
11ac (VHT80)	CH58	5290	14.50

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	17.00
11a	CH116	5580	17.00
11a	CH140	5700	10.00
11n (HT20)	CH100	5500	16.00
11n (HT20)	CH116	5580	16.00
11n (HT20)	CH140	5700	10.00
11n (HT40)	CH102	5510	14.00
11n (HT40)	CH118	5590	16.00
11n (HT40)	CH134	5670	16.00
11ac (VHT20)	CH100	5500	16.00
11ac (VHT20)	CH116	5580	16.00
11ac (VHT20)	CH140	5700	10.00
11ac (VHT40)	CH102	5510	15.00
11ac (VHT40)	CH118	5590	16.00
11ac (VHT40)	CH134	5670	16.00
11ac (VHT80)	CH106	5530	14.00
11ac (VHT80)	CH122	5610	15.00

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	17.00
11a	CH157	5785	17.00
11a	CH165	5825	17.00
11n (HT20)	CH149	5745	16.00
11n (HT20)	CH157	5785	16.00
11n (HT20)	CH165	5825	16.00
11n (HT40)	CH151	5755	16.00
11n (HT40)	CH159	5795	16.00
11ac (VHT20)	CH149	5745	16.00
11ac (VHT20)	CH157	5785	16.00
11ac (VHT20)	CH165	5825	16.00
11ac (VHT40)	CH151	5755	16.00
11ac (VHT40)	CH159	5795	16.00
11ac (VHT80)	CH155	5775	15.00

Run Software



2.7 Channel List

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

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°C to +25°C
	LT (Low Temperature)	0°C
	HT (High Temperature)	+35°C
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

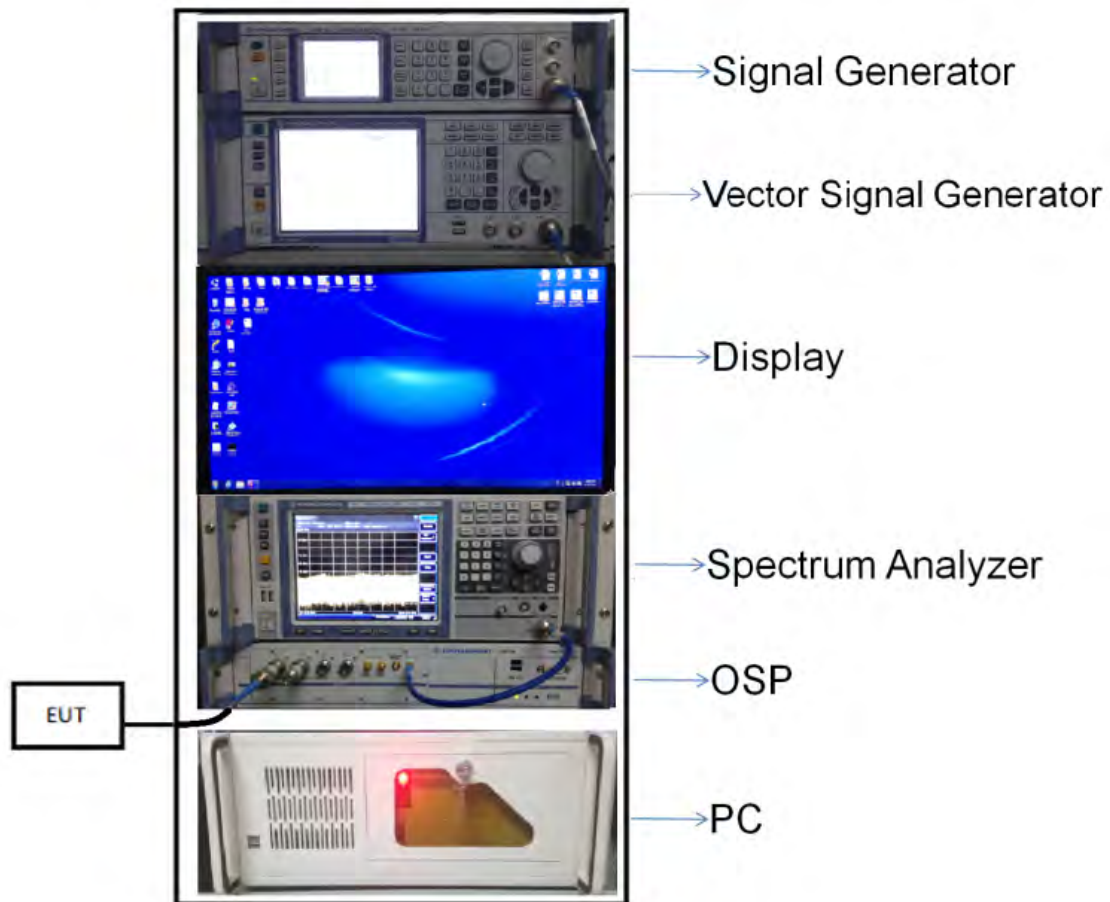
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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%

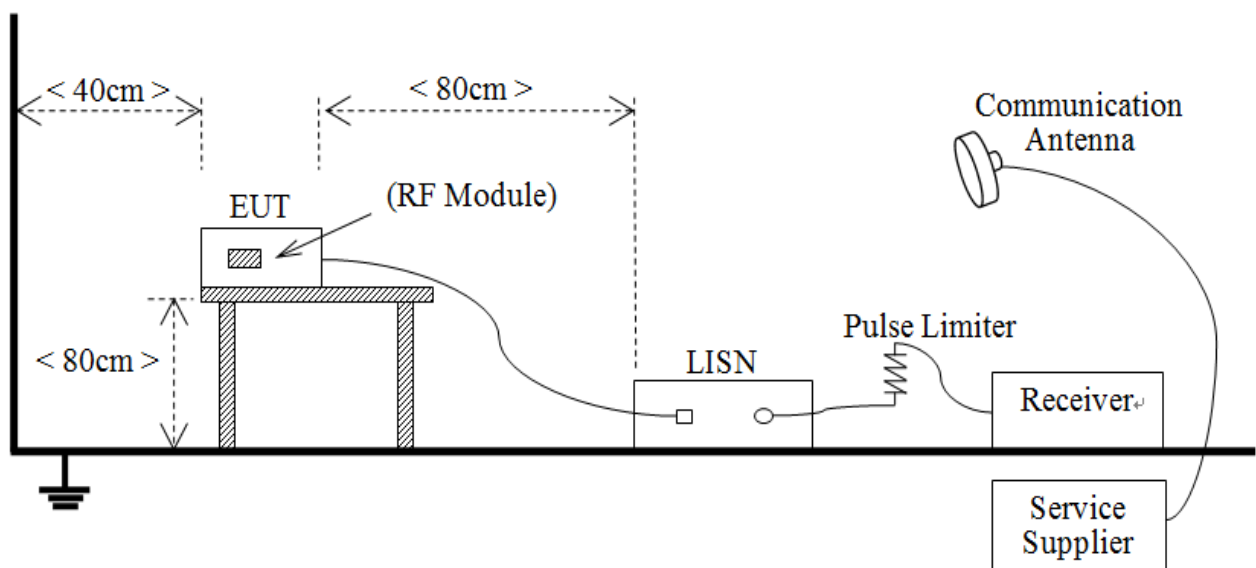
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



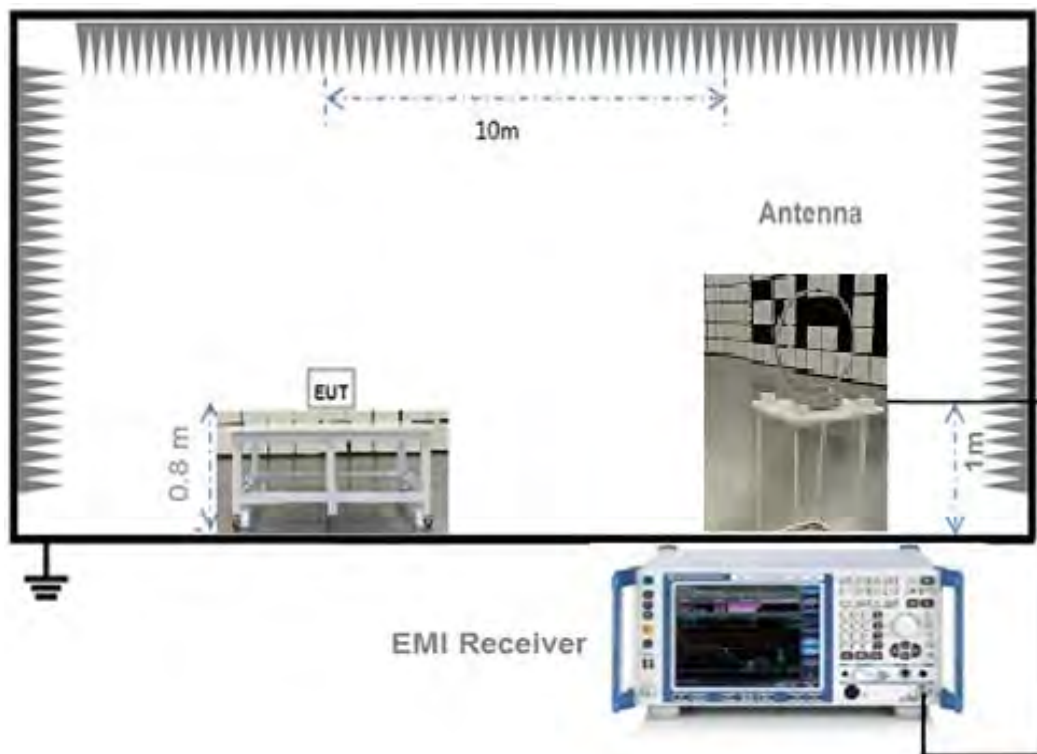
(Diagram 1)

4.4.2 For AC Power Supply Port Test



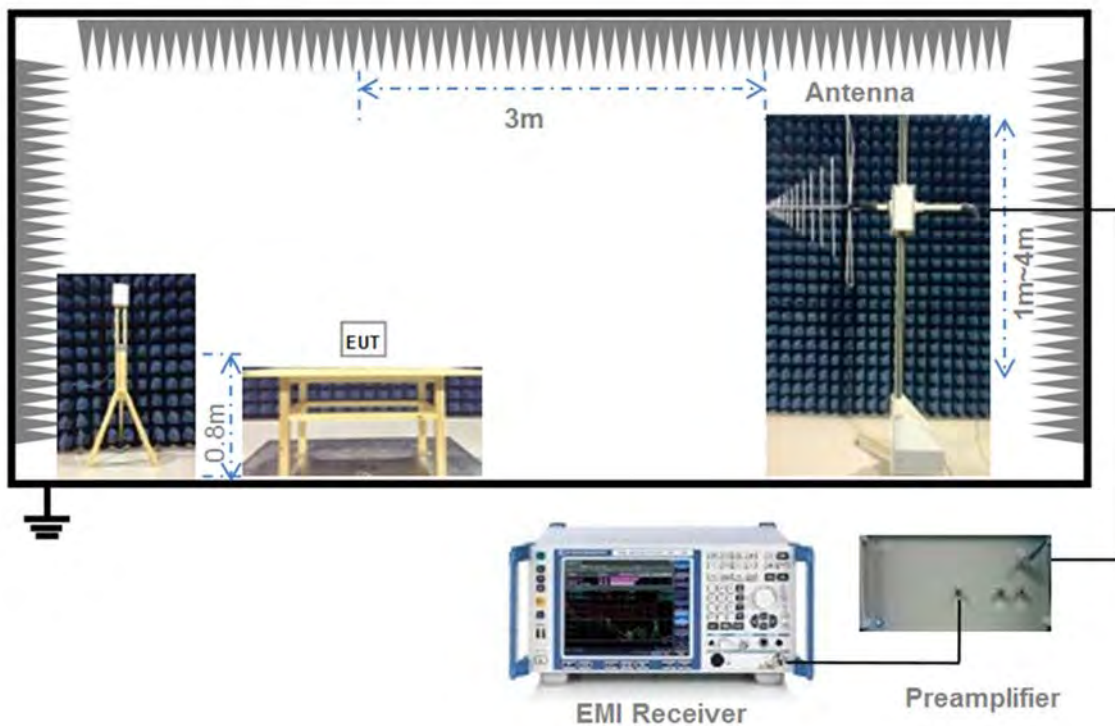
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



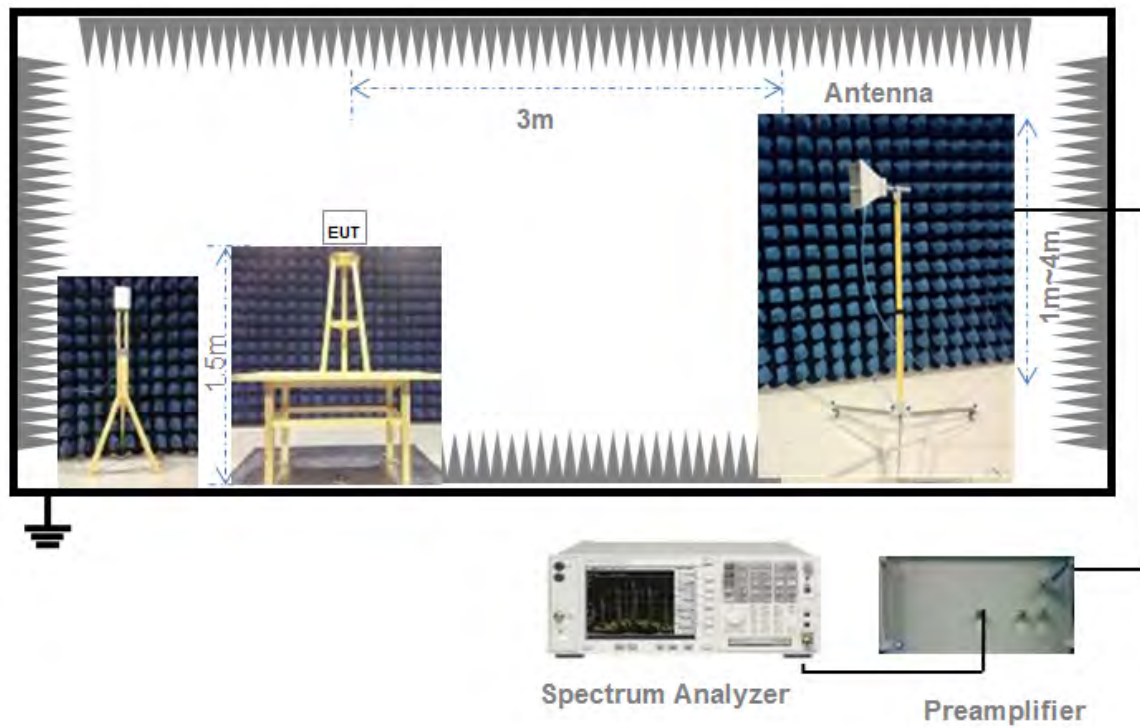
(Diagram 3)

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

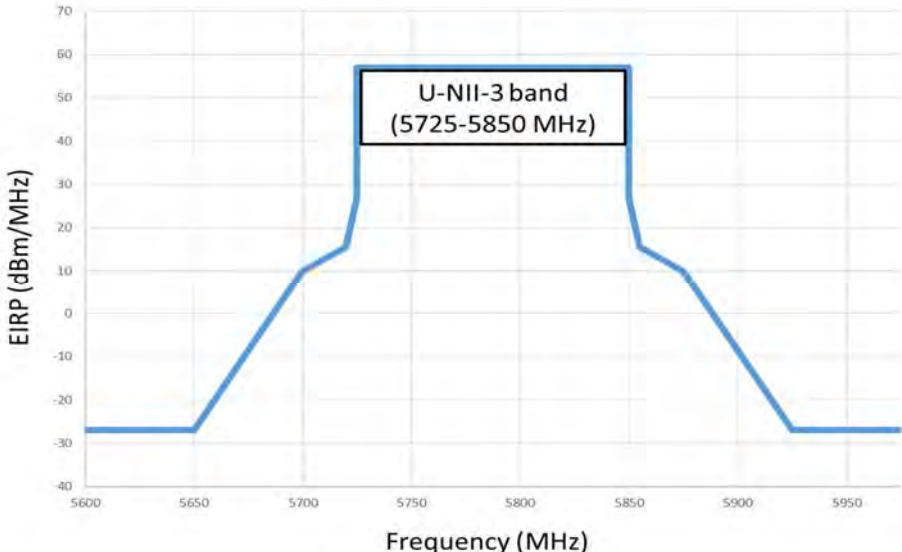
5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

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

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.11	40.83	250	Pass
11a	CH44	17.52	56.49	250	Pass
11a	CH48	17.47	55.85	250	Pass
11n (HT20)	CH36	15.44	34.99	250	Pass
11n (HT20)	CH44	16.47	44.36	250	Pass
11n (HT20)	CH48	16.42	43.85	250	Pass
11n (HT40)	CH38	12.62	18.28	250	Pass
11n (HT40)	CH46	16.70	46.77	250	Pass
11ac (VHT20)	CH36	16.00	39.81	250	Pass
11ac (VHT20)	CH44	16.45	44.16	250	Pass
11ac (HVT20)	CH48	16.39	43.55	250	Pass
11ac (VHT40)	CH38	12.68	18.54	250	Pass
11ac (VHT40)	CH46	16.68	46.56	250	Pass
11ac (VHT80)	CH42	12.49	17.74	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.72	59.16	250	Pass
11a	CH60	17.86	61.09	250	Pass
11a	CH64	16.27	42.36	250	Pass
11n (HT20)	CH52	16.43	43.95	250	Pass
11n (HT20)	CH60	16.83	48.19	250	Pass
11n (HT20)	CH64	16.96	49.66	250	Pass
11n (HT40)	CH54	16.62	45.92	250	Pass
11n (HT40)	CH62	13.98	25.00	250	Pass
11ac (VHT20)	CH52	16.36	43.25	250	Pass
11ac (VHT20)	CH60	16.82	48.08	250	Pass
11ac (HVT20)	CH64	14.75	29.85	250	Pass
11ac (VHT40)	CH54	16.61	45.81	250	Pass
11ac (VHT40)	CH62	13.95	24.83	250	Pass
11ac (VHT80)	CH58	15.43	34.91	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	18.15	65.31	250	Pass
11a	CH116	17.99	62.95	250	Pass
11a	CH140	10.72	11.80	250	Pass
11n (HT20)	CH100	17.16	52.00	250	Pass
11n (HT20)	CH116	16.83	48.19	250	Pass
11n (HT20)	CH140	10.66	11.64	250	Pass
11n (HT40)	CH102	15.09	32.28	250	Pass
11n (HT40)	CH118	17.17	52.12	250	Pass
11n (HT40)	CH134	17.05	50.70	250	Pass
11ac (VHT20)	CH100	17.11	51.40	250	Pass
11ac (VHT20)	CH116	16.90	48.98	250	Pass
11ac (VHT20)	CH140	10.55	11.35	250	Pass
11ac (VHT40)	CH102	15.87	38.64	250	Pass
11ac (VHT40)	CH118	17.15	51.88	250	Pass
11ac (VHT40)	CH134	17.17	52.12	250	Pass
11ac (VHT80)	CH106	15.35	34.28	250	Pass
11ac (VHT80)	CH122	15.84	38.37	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	17.58	57.28	1000	Pass
11a	CH157	17.07	50.93	1000	Pass
11a	CH165	16.71	46.88	1000	Pass
11n (HT20)	CH149	16.69	46.67	1000	Pass
11n (HT20)	CH157	16.02	39.99	1000	Pass
11n (HT20)	CH165	15.71	37.24	1000	Pass
11n (HT40)	CH151	16.68	46.56	1000	Pass
11n (HT40)	CH159	16.32	42.85	1000	Pass
11ac (VHT20)	CH149	16.69	46.67	1000	Pass
11ac (VHT20)	CH157	16.06	40.36	1000	Pass
11ac (VHT20)	CH165	15.68	36.98	1000	Pass
11ac (VHT40)	CH151	16.71	46.88	1000	Pass
11ac (VHT40)	CH159	16.19	41.59	1000	Pass
11ac (VHT80)	CH155	15.37	34.43	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ20B0874-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	22.72	16.67
11a	CH44	21.28	16.56
11a	CH48	21.24	16.50
11n (HT20)	CH36	23.24	17.83
11n (HT20)	CH44	22.28	17.77
11n (HT20)	CH48	21.96	17.77
11n (HT40)	CH38	41.70	36.35
11n (HT40)	CH46	41.60	36.35
11ac (VHT20)	CH36	23.08	17.83
11ac (VHT20)	CH44	22.28	17.77
11ac (HVT20)	CH48	21.84	17.77
11ac (VHT40)	CH38	41.90	36.47
11ac (VHT40)	CH46	41.40	36.35
11ac (VHT80)	CH42	84.60	76.18

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.28	16.56
11a	CH60	21.24	16.56
11a	CH64	22.92	16.67
11n (HT20)	CH52	22.20	17.77
11n (HT20)	CH60	22.48	17.77
11n (HT20)	CH64	22.24	17.77
11n (HT40)	CH54	41.60	36.35
11n (HT40)	CH62	42.00	36.47
11ac (VHT20)	CH52	21.96	17.77
11ac (VHT20)	CH60	22.36	17.77
11ac (VHT20)	CH64	23.32	17.77
11ac (VHT40)	CH54	41.70	36.35
11ac (VHT40)	CH62	42.00	36.47
11ac (VHT80)	CH58	84.60	75.95

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.24	16.56
11a	CH116	21.24	16.56
11a	CH140	23.00	16.67
11n (HT20)	CH100	22.20	17.77
11n (HT20)	CH116	22.20	17.71
11n (HT20)	CH140	23.56	17.83
11n (HT40)	CH102	42.00	36.35
11n (HT40)	CH118	41.30	36.35
11n (HT40)	CH134	41.30	36.35
11ac (VHT20)	CH100	22.20	17.77
11ac (VHT20)	CH116	22.28	17.71
11ac (VHT20)	CH140	23.60	17.83
11ac (VHT40)	CH102	42.00	36.35
11ac (VHT40)	CH118	41.30	36.35
11ac (VHT40)	CH134	41.50	36.35
11ac (VHT80)	CH106	84.20	75.95
11ac (VHT80)	CH122	84.80	75.95

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.24	16.50
11a	CH157	21.76	16.61
11a	CH165	21.24	16.56
11n (HT20)	CH149	21.96	17.77
11n (HT20)	CH157	22.72	17.89
11n (HT20)	CH165	22.00	17.77
11n (HT40)	CH151	41.80	36.47
11n (HT40)	CH159	41.40	36.35
11ac (VHT20)	CH149	21.92	17.77
11ac (VHT20)	CH157	22.24	17.83
11ac (VHT20)	CH165	22.12	17.77
11ac (VHT40)	CH151	41.80	36.35
11ac (VHT40)	CH159	41.70	36.47
11ac (VHT80)	CH155	86.00	76.18

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ20B0874-604 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	16.42	500.00	Pass
11a	CH165	15.47	500.00	Pass
11n (HT20)	CH149	16.07	500.00	Pass
11n (HT20)	CH157	16.07	500.00	Pass
11n (HT20)	CH165	16.07	500.00	Pass
11n (HT40)	CH151	35.82	500.00	Pass
11n (HT40)	CH159	35.47	500.00	Pass
11ac (VHT20)	CH149	16.07	500.00	Pass
11ac (VHT20)	CH157	16.62	500.00	Pass
11ac (VHT20)	CH165	17.62	500.00	Pass
11ac (VHT40)	CH151	35.82	500.00	Pass
11ac (VHT40)	CH159	35.22	500.00	Pass
11ac (VHT80)	CH155	75.47	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ20B0874-604 Data Part 3.pdf”.

Test Data

Note¹: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.69	11.00	Pass
11a	CH44	5.90	11.00	Pass
11a	CH48	6.27	11.00	Pass
11n (HT20)	CH36	3.57	11.00	Pass
11n (HT20)	CH44	4.46	11.00	Pass
11n (HT20)	CH48	4.64	11.00	Pass
11n (HT40)	CH38	-1.99	11.00	Pass
11n (HT40)	CH46	1.87	11.00	Pass
11ac (VHT20)	CH36	4.34	11.00	Pass
11ac (VHT20)	CH44	4.44	11.00	Pass
11ac (VHT20)	CH48	4.68	11.00	Pass
11ac (VHT40)	CH38	-2.20	11.00	Pass
11ac (VHT40)	CH46	1.76	11.00	Pass
11ac (VHT80)	CH42	-6.58	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.30	11.00	Pass
11a	CH60	6.43	11.00	Pass
11a	CH64	4.95	11.00	Pass
11n (HT20)	CH52	4.61	11.00	Pass
11n (HT20)	CH60	5.00	11.00	Pass
11n (HT20)	CH64	5.50	11.00	Pass
11n (HT40)	CH54	1.32	11.00	Pass
11n (HT40)	CH62	-0.90	11.00	Pass
11ac (VHT20)	CH52	4.55	11.00	Pass
11ac (VHT20)	CH60	4.93	11.00	Pass
11ac (VHT20)	CH64	3.03	11.00	Pass
11ac (VHT40)	CH54	1.37	11.00	Pass
11ac (VHT40)	CH62	-0.77	11.00	Pass
11ac (VHT80)	CH58	-3.77	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	6.81	11.00	Pass
11a	CH116	6.94	11.00	Pass
11a	CH140	-0.82	11.00	Pass
11n (HT20)	CH100	5.33	11.00	Pass
11n (HT20)	CH116	5.37	11.00	Pass
11n (HT20)	CH140	-1.22	11.00	Pass
11n (HT40)	CH102	0.90	11.00	Pass
11n (HT40)	CH118	2.50	11.00	Pass
11n (HT40)	CH134	2.60	11.00	Pass
11ac (VHT20)	CH100	5.45	11.00	Pass
11ac (VHT20)	CH116	5.41	11.00	Pass
11ac (VHT20)	CH140	-1.19	11.00	Pass
11ac (VHT40)	CH102	1.26	11.00	Pass
11ac (VHT40)	CH118	2.49	11.00	Pass
11ac (VHT40)	CH134	2.50	11.00	Pass
11ac (VHT80)	CH106	-2.48	11.00	Pass
11ac (VHT80)	CH122	-3.17	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	3.91	30.00	Pass
11a	CH157	2.40	30.00	Pass
11a	CH165	3.07	30.00	Pass
11n (HT20)	CH149	2.25	30.00	Pass
11n (HT20)	CH157	0.91	30.00	Pass
11n (HT20)	CH165	1.46	30.00	Pass
11n (HT40)	CH151	-1.03	30.00	Pass
11n (HT40)	CH159	-1.61	30.00	Pass
11ac (VHT20)	CH149	2.31	30.00	Pass
11ac (VHT20)	CH157	0.79	30.00	Pass
11ac (VHT20)	CH165	1.67	30.00	Pass
11ac (VHT40)	CH151	-1.08	30.00	Pass
11ac (VHT40)	CH159	-1.72	30.00	Pass
11ac (VHT80)	CH155	-6.65	30.00	Pass

A.5 Conducted Emissions

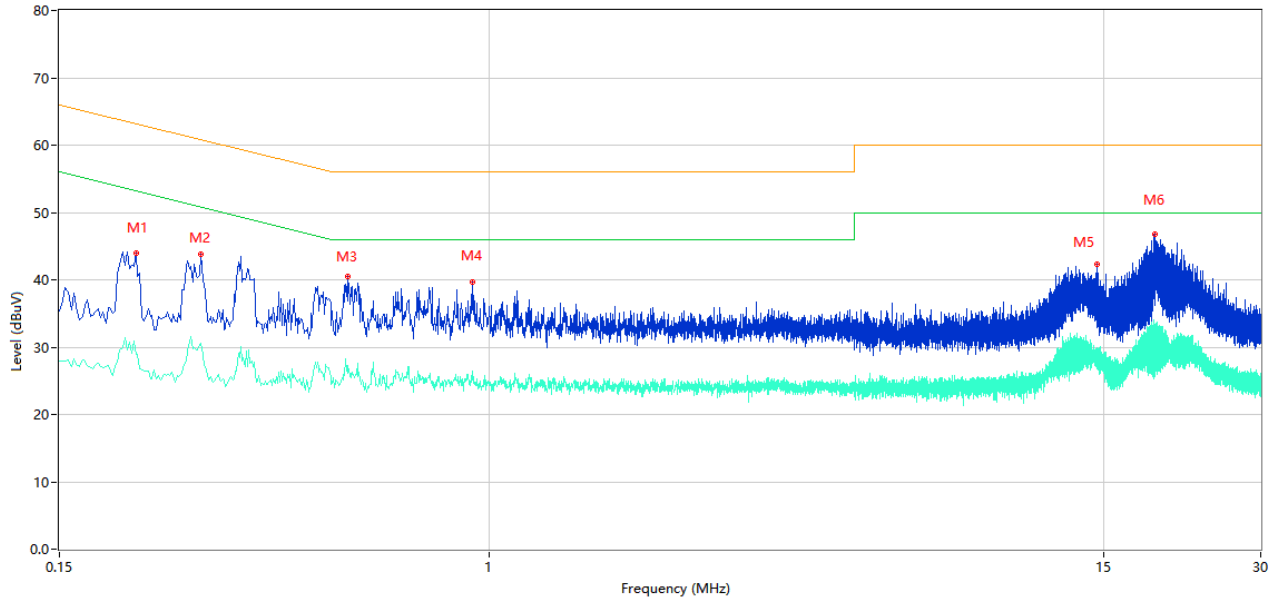
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

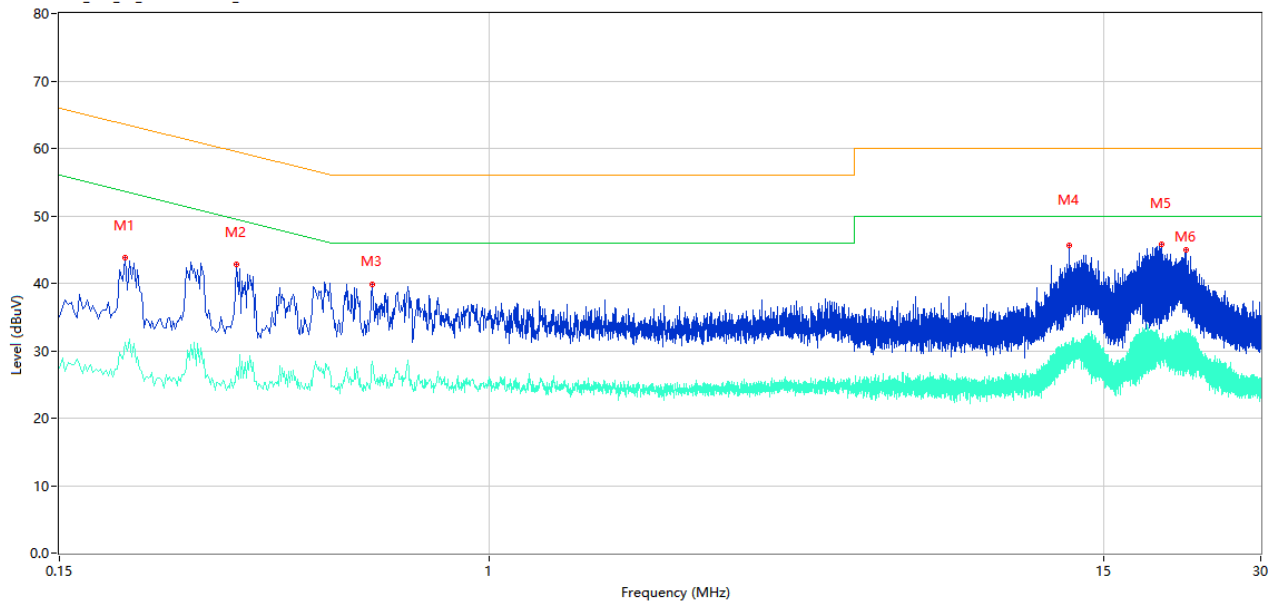
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.210	43.96	10.38	63.21	-19.25	Peak	L	Pass
1**	0.210	28.93	10.38	53.21	-24.28	AV	L	Pass
2	0.280	43.74	10.34	60.82	-17.08	Peak	L	Pass
2**	0.280	30.66	10.34	50.82	-20.16	AV	L	Pass
3	0.534	40.43	10.29	56.00	-15.57	Peak	L	Pass
3**	0.534	27.27	10.29	46.00	-18.73	AV	L	Pass
4	0.926	39.66	10.24	56.00	-16.34	Peak	L	Pass
4**	0.926	26.48	10.24	46.00	-19.52	AV	L	Pass
5	14.592	42.24	10.40	60.00	-17.76	Peak	L	Pass
5**	14.592	29.86	10.40	50.00	-20.14	AV	L	Pass
6	18.778	46.83	10.52	60.00	-13.17	Peak	L	Pass
6**	18.778	32.89	10.52	50.00	-17.11	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.200	43.72	10.38	63.61	-19.89	Peak	N	Pass
1**	0.200	31.20	10.38	53.61	-22.41	AV	N	Pass
2	0.328	42.74	10.33	59.50	-16.76	Peak	N	Pass
2**	0.328	27.51	10.33	49.50	-21.99	AV	N	Pass
3	0.596	39.87	10.28	56.00	-16.13	Peak	N	Pass
3**	0.596	28.38	10.28	46.00	-17.62	AV	N	Pass
4	12.886	45.64	10.39	60.00	-14.36	Peak	N	Pass
4**	12.886	30.54	10.39	50.00	-19.46	AV	N	Pass
5	19.382	45.71	10.53	60.00	-14.29	Peak	N	Pass
5**	19.382	30.49	10.53	50.00	-19.51	AV	N	Pass
6	21.612	44.92	10.59	60.00	-15.08	Peak	N	Pass
6**	21.612	32.56	10.59	50.00	-17.44	AV	N	Pass

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

Test Data

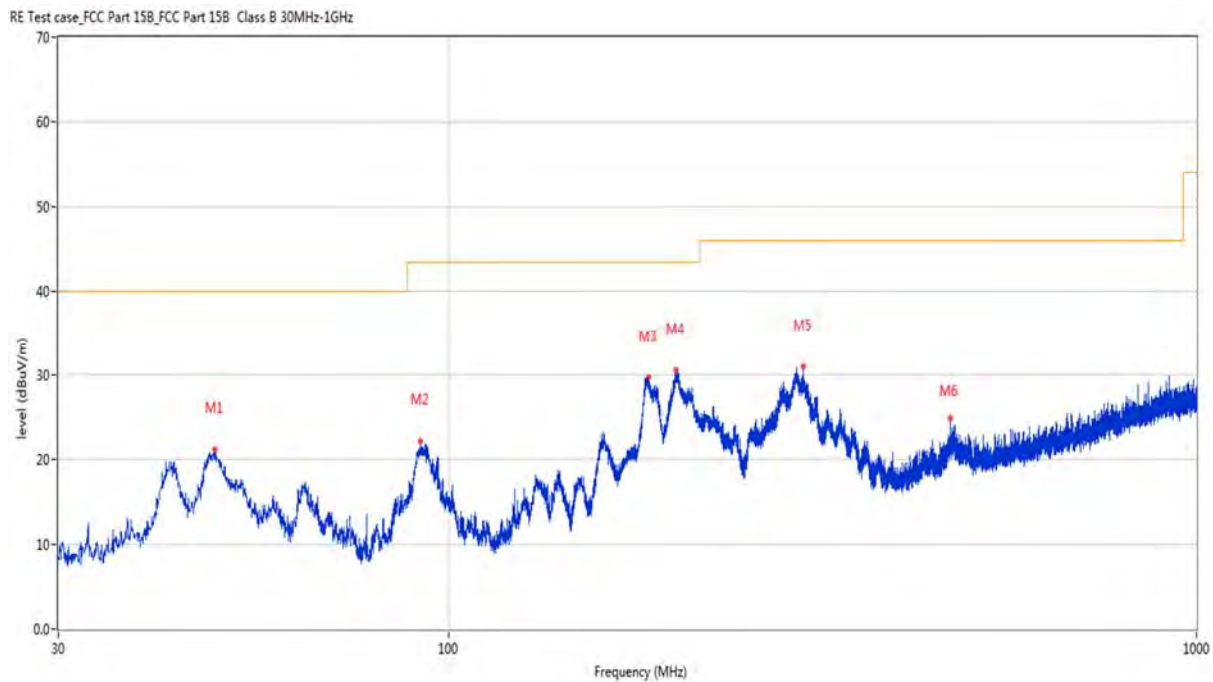
Note¹: The symbol of "--" in the table which means not application.

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

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

Note⁴: The EUT is working in the Normal link mode below 1 GHz.

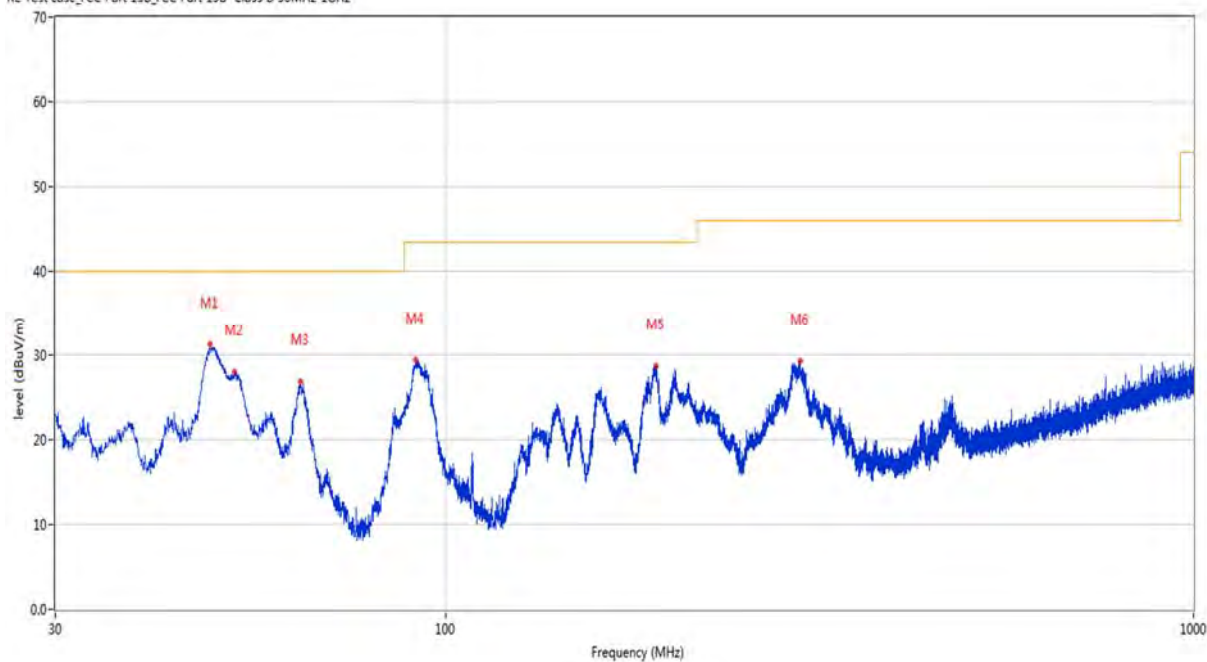
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.624	21.09	-22.51	40.0	-18.91	Peak	254.60	100	Horizontal	Pass
2	91.595	22.07	-25.72	43.5	-21.43	Peak	258.00	200	Horizontal	Pass
3	184.666	29.71	-25.36	43.5	-13.79	Peak	76.00	200	Horizontal	Pass
4	201.253	30.62	-23.91	43.5	-12.88	Peak	98.10	100	Horizontal	Pass
5	297.817	30.93	-21.37	46.0	-15.07	Peak	149.40	100	Horizontal	Pass
6	468.682	24.89	-17.74	46.0	-21.11	Peak	208.60	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.333	31.21	-22.57	40.0	-8.79	Peak	18.10	100	Vertical	Pass
2	52.116	27.95	-23.15	40.0	-12.05	Peak	26.40	100	Vertical	Pass
3	63.853	26.91	-24.90	40.0	-13.09	Peak	90.10	100	Vertical	Pass
4	91.013	29.40	-25.87	43.5	-14.10	Peak	360.00	200	Vertical	Pass
5	190.729	28.67	-25.18	43.5	-14.83	Peak	22.30	100	Vertical	Pass
6	297.332	29.23	-21.47	46.0	-16.77	Peak	149.80	200	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	1049.600	39.16	-18.47	74.0	-34.84	Peak	294.00	150	Horizontal	Pass
1**	1049.600	29.62	-18.47	54.0	-24.38	AV	294.00	150	Horizontal	Pass
2	2760.000	43.05	-11.07	74.0	-30.95	Peak	299.00	150	Horizontal	Pass
2**	2760.000	32.75	-11.07	54.0	-21.25	AV	299.00	150	Horizontal	Pass
3	4225.000	48.75	-4.81	74.0	-25.25	Peak	281.00	150	Horizontal	Pass
3**	4225.000	38.87	-4.81	54.0	-15.13	AV	281.00	150	Horizontal	Pass
4	5181.000	109.25	-3.18	--	-140.75	Peak	250.00	150	Horizontal	N/A
4**	5181.000	101.13	-3.18	--	101.13	AV	250.00	150	Horizontal	N/A
5	8089.913	48.40	-1.04	74.0	-25.60	Peak	251.00	150	Horizontal	Pass
5**	8089.913	38.37	-1.04	54.0	-15.63	AV	251.00	150	Horizontal	Pass
6	12142.513	50.87	1.81	74.0	-23.13	Peak	0.00	150	Horizontal	Pass
6**	12142.513	40.80	1.81	54.0	-13.20	AV	0.00	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	1152.900	45.75	-18.36	74.0	-28.25	Peak	188.00	150	Vertical	Pass
1**	1152.900	27.82	-18.36	54.0	-26.18	AV	188.00	150	Vertical	Pass
2	2329.600	45.12	-12.80	74.0	-28.88	Peak	148.00	150	Vertical	Pass
2**	2329.600	32.21	-12.80	54.0	-21.79	AV	148.00	150	Vertical	Pass
3	3801.800	47.69	-6.08	74.0	-26.31	Peak	115.00	150	Vertical	Pass
3**	3801.800	37.52	-6.08	54.0	-16.48	AV	115.00	150	Vertical	Pass
4	5177.800	99.88	-3.15	--	99.88	Peak	0.00	150	Vertical	N/A
4**	5177.800	92.37	-3.15	--	92.37	AV	0.00	150	Vertical	N/A
5	7549.125	48.14	-1.60	74.0	-25.86	Peak	220.00	150	Vertical	Pass
5**	7549.125	38.65	-1.60	54.0	-15.35	AV	220.00	150	Vertical	Pass
6	11609.775	50.52	2.11	74.0	-23.48	Peak	292.00	150	Vertical	Pass
6**	11609.775	41.32	2.11	54.0	-12.68	AV	292.00	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	1160.200	37.94	-18.37	74.0	-36.06	Peak	92.00	150	Horizontal	Pass
1**	1160.200	28.48	-18.37	54.0	-25.52	AV	92.00	150	Horizontal	Pass
2	2249.400	42.35	-13.15	74.0	-31.65	Peak	122.00	150	Horizontal	Pass
2**	2249.400	32.26	-13.15	54.0	-21.74	AV	122.00	150	Horizontal	Pass
3	3638.800	47.73	-7.14	74.0	-26.27	Peak	351.00	150	Horizontal	Pass
3**	3638.800	37.69	-7.14	54.0	-16.31	AV	351.00	150	Horizontal	Pass
4	5217.600	110.28	-3.43	--	-138.72	Peak	249.00	150	Horizontal	N/A
4**	5217.600	101.72	-3.43	--	101.72	AV	249.00	150	Horizontal	N/A
5	8079.275	48.20	-1.01	74.0	-25.80	Peak	86.00	150	Horizontal	Pass
5**	8079.275	38.97	-1.01	54.0	-15.03	AV	86.00	150	Horizontal	Pass
6	12198.287	50.93	2.53	74.0	-23.07	Peak	360.00	150	Horizontal	Pass
6**	12198.287	41.70	2.53	54.0	-12.30	AV	360.00	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	1178.300	44.84	-18.43	74.0	-29.16	Peak	197.00	150	Vertical	Pass
1**	1178.300	30.56	-18.43	54.0	-23.44	AV	197.00	150	Vertical	Pass
2	2332.100	45.71	-12.80	74.0	-28.29	Peak	144.00	150	Vertical	Pass
2**	2332.100	32.17	-12.80	54.0	-21.83	AV	144.00	150	Vertical	Pass
3	4287.200	48.68	-4.75	74.0	-25.32	Peak	170.00	150	Vertical	Pass
3**	4287.200	39.79	-4.75	54.0	-14.21	AV	170.00	150	Vertical	Pass
4	5217.200	99.65	-3.42	--	-252.35	Peak	352.00	150	Vertical	N/A
4**	5217.200	92.93	-3.42	--	92.93	AV	352.00	150	Vertical	N/A
5	7517.788	47.84	-1.71	74.0	-26.16	Peak	353.00	150	Vertical	Pass
5**	7517.788	38.35	-1.71	54.0	-15.65	AV	353.00	150	Vertical	Pass
6	12220.713	50.85	2.60	74.0	-23.15	Peak	240.00	150	Vertical	Pass
6**	12220.713	41.96	2.60	54.0	-12.04	AV	240.00	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	1223.200	38.75	-18.05	74.0	-35.25	Peak	233.00	150	Horizontal	Pass
1**	1223.200	28.46	-18.05	54.0	-25.54	AV	233.00	150	Horizontal	Pass
2	2247.700	42.15	-13.14	74.0	-31.85	Peak	124.00	150	Horizontal	Pass
2**	2247.700	32.19	-13.14	54.0	-21.81	AV	124.00	150	Horizontal	Pass
3	3935.800	47.77	-6.34	74.0	-26.23	Peak	354.00	150	Horizontal	Pass
3**	3935.800	37.67	-6.34	54.0	-16.33	AV	354.00	150	Horizontal	Pass
4	5238.600	109.48	-3.65	--	-134.52	Peak	244.00	150	Horizontal	N/A
4**	5238.600	101.58	-3.65	--	101.58	AV	244.00	150	Horizontal	N/A
5	7510.025	47.30	-1.85	74.0	-26.70	Peak	360.00	150	Horizontal	Pass
5**	7510.025	37.73	-1.85	54.0	-16.27	AV	360.00	150	Horizontal	Pass
6	12308.112	50.55	2.25	74.0	-23.45	Peak	292.00	150	Horizontal	Pass
6**	12308.112	41.09	2.25	54.0	-12.91	AV	292.00	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	1162.900	44.55	-18.41	74.0	-29.45	Peak	162.00	150	Vertical	Pass
1**	1162.900	31.63	-18.41	54.0	-22.37	AV	162.00	150	Vertical	Pass
2	2790.300	45.09	-11.10	74.0	-28.91	Peak	130.00	150	Vertical	Pass
2**	2790.300	36.27	-11.10	54.0	-17.73	AV	130.00	150	Vertical	Pass
3	3777.200	47.72	-5.83	74.0	-26.28	Peak	162.00	150	Vertical	Pass
3**	3777.200	38.16	-5.83	54.0	-15.84	AV	162.00	150	Vertical	Pass
4	5243.000	99.64	-3.72	--	87.64	Peak	12.00	150	Vertical	N/A
4**	5243.000	91.30	-3.72	--	91.30	AV	12.00	150	Vertical	N/A
5	8097.962	48.83	-0.96	74.0	-25.17	Peak	88.00	150	Vertical	Pass
5**	8097.962	39.03	-0.96	54.0	-14.97	AV	88.00	150	Vertical	Pass
6	12227.325	51.30	2.61	74.0	-22.70	Peak	302.00	150	Vertical	Pass
6**	12227.325	41.05	2.61	54.0	-12.95	AV	302.00	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	1163.200	39.00	-18.40	74.0	-35.00	Peak	226.00	150	Horizontal	Pass
1**	1163.200	30.06	-18.40	54.0	-23.94	AV	226.00	150	Horizontal	Pass
2	2756.500	42.72	-10.90	74.0	-31.28	Peak	71.00	150	Horizontal	Pass
2**	2756.500	32.98	-10.90	54.0	-21.02	AV	71.00	150	Horizontal	Pass
3	4168.400	48.08	-4.92	74.0	-25.92	Peak	352.00	150	Horizontal	Pass
3**	4168.400	38.40	-4.92	54.0	-15.60	AV	352.00	150	Horizontal	Pass
4	5181.600	107.63	-3.20	--	-147.37	Peak	255.00	150	Horizontal	N/A
4**	5181.600	101.58	-3.20	--	101.58	AV	255.00	150	Horizontal	N/A
5	7526.413	47.46	-1.60	74.0	-26.54	Peak	33.00	150	Horizontal	Pass
5**	7526.413	38.61	-1.60	54.0	-15.39	AV	33.00	150	Horizontal	Pass
6	11645.425	50.64	2.51	74.0	-23.36	Peak	189.00	150	Horizontal	Pass
6**	11645.425	40.95	2.51	54.0	-13.05	AV	189.00	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	1160.000	42.19	-18.37	74.0	-31.81	Peak	189.00	150	Vertical	Pass
1**	1160.000	32.32	-18.37	54.0	-21.68	AV	189.00	150	Vertical	Pass
2	2794.000	44.08	-11.21	74.0	-29.92	Peak	233.00	150	Vertical	Pass
2**	2794.000	33.36	-11.21	54.0	-20.64	AV	233.00	150	Vertical	Pass
3	4159.200	48.63	-5.10	74.0	-25.37	Peak	40.00	150	Vertical	Pass
3**	4159.200	38.32	-5.10	54.0	-15.68	AV	40.00	150	Vertical	Pass
4	5178.600	99.16	-3.14	--	91.16	Peak	8.00	150	Vertical	N/A
4**	5178.600	91.23	-3.14	--	91.23	AV	8.00	150	Vertical	N/A
5	7540.212	47.74	-1.67	74.0	-26.26	Peak	262.00	150	Vertical	Pass
5**	7540.212	38.28	-1.67	54.0	-15.72	AV	262.00	150	Vertical	Pass
6	12211.225	50.86	2.58	74.0	-23.14	Peak	118.00	150	Vertical	Pass
6**	12211.225	41.96	2.58	54.0	-12.04	AV	118.00	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	1157.600	38.17	-18.36	74.0	-35.83	Peak	242.00	150	Horizontal	Pass
1**	1157.600	26.45	-18.36	54.0	-27.55	AV	242.00	150	Horizontal	Pass
2	2874.300	42.78	-10.58	74.0	-31.22	Peak	63.00	150	Horizontal	Pass
2**	2874.300	33.01	-10.58	54.0	-20.99	AV	63.00	150	Horizontal	Pass
3	4338.800	49.24	-4.69	74.0	-24.76	Peak	184.00	150	Horizontal	Pass
3**	4338.800	39.27	-4.69	54.0	-14.73	AV	184.00	150	Horizontal	Pass
4	5218.200	108.60	-3.45	--	-132.40	Peak	241.00	150	Horizontal	N/A
4**	5218.200	99.55	-3.45	--	99.55	AV	241.00	150	Horizontal	N/A
5	7551.138	47.89	-1.58	74.0	-26.11	Peak	128.00	150	Horizontal	Pass
5**	7551.138	38.57	-1.58	54.0	-15.43	AV	128.00	150	Horizontal	Pass
6	12222.437	50.52	2.60	74.0	-23.48	Peak	241.00	150	Horizontal	Pass
6**	12222.437	41.76	2.60	54.0	-12.24	AV	241.00	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	1163.200	43.05	-18.40	74.0	-30.95	Peak	164.00	150	Vertical	Pass
1**	1163.200	31.64	-18.40	54.0	-22.36	AV	164.00	150	Vertical	Pass
2	2816.200	43.77	-10.68	74.0	-30.23	Peak	360.00	150	Vertical	Pass
2**	2816.200	33.77	-10.68	54.0	-20.23	AV	360.00	150	Vertical	Pass
3	3963.200	47.52	-5.32	74.0	-26.48	Peak	156.00	150	Vertical	Pass
3**	3963.200	38.55	-5.32	54.0	-15.45	AV	156.00	150	Vertical	Pass
4	5215.600	98.21	-3.41	--	-256.79	Peak	355.00	150	Vertical	N/A
4**	5215.600	89.79	-3.41	--	89.79	AV	355.00	150	Vertical	N/A
5	7539.638	47.77	-1.68	74.0	-26.23	Peak	3.00	150	Vertical	Pass
5**	7539.638	38.61	-1.68	54.0	-15.39	AV	3.00	150	Vertical	Pass
6	12053.387	50.67	1.18	74.0	-23.33	Peak	261.00	150	Vertical	Pass
6**	12053.387	41.03	1.18	54.0	-12.97	AV	261.00	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	1156.400	38.35	-18.34	74.0	-35.65	Peak	170.00	150	Horizontal	Pass
1**	1156.400	27.25	-18.34	54.0	-26.75	AV	170.00	150	Horizontal	Pass
2	2743.900	42.17	-10.68	74.0	-31.83	Peak	146.00	150	Horizontal	Pass
2**	2743.900	33.97	-10.68	54.0	-20.03	AV	146.00	150	Horizontal	Pass
3	4283.200	49.35	-4.70	74.0	-24.65	Peak	272.00	150	Horizontal	Pass
3**	4283.200	39.66	-4.70	54.0	-14.34	AV	272.00	150	Horizontal	Pass
4	5237.200	107.70	-3.66	--	-140.30	Peak	248.00	150	Horizontal	N/A
4**	5237.200	100.29	-3.66	--	100.29	AV	248.00	150	Horizontal	N/A
5	7543.663	47.23	-1.63	74.0	-26.77	Peak	16.00	150	Horizontal	Pass
5**	7543.663	38.92	-1.63	54.0	-15.08	AV	16.00	150	Horizontal	Pass
6	12272.175	50.76	2.48	74.0	-23.24	Peak	302.00	150	Horizontal	Pass
6**	12272.175	41.06	2.48	54.0	-12.94	AV	302.00	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	1164.300	43.44	-18.39	74.0	-30.56	Peak	174.00	150	Vertical	Pass
1**	1164.300	32.18	-18.39	54.0	-21.82	AV	174.00	150	Vertical	Pass
2	2790.400	46.49	-11.10	74.0	-27.51	Peak	109.00	150	Vertical	Pass
2**	2790.400	34.98	-11.10	54.0	-19.02	AV	109.00	150	Vertical	Pass
3	4190.800	47.71	-5.30	74.0	-26.29	Peak	188.00	150	Vertical	Pass
3**	4190.800	38.75	-5.30	54.0	-15.25	AV	188.00	150	Vertical	Pass
4	5238.200	98.85	-3.65	--	84.85	Peak	14.00	150	Vertical	N/A
4**	5238.200	90.36	-3.65	--	90.36	AV	14.00	150	Vertical	N/A
5	7558.612	47.55	-1.68	74.0	-26.45	Peak	230.00	150	Vertical	Pass
5**	7558.612	39.30	-1.68	54.0	-14.70	AV	230.00	150	Vertical	Pass
6	12258.950	51.25	2.59	74.0	-22.75	Peak	14.00	150	Vertical	Pass
6**	12258.950	42.06	2.59	54.0	-11.94	AV	14.00	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	1035.600	40.45	-18.52	74.0	-33.55	Peak	297.00	150	Horizontal	Pass
1**	1035.600	30.28	-18.52	54.0	-23.72	AV	297.00	150	Horizontal	Pass
2	2271.000	42.45	-13.05	74.0	-31.55	Peak	143.00	150	Horizontal	Pass
2**	2271.000	32.01	-13.05	54.0	-21.99	AV	143.00	150	Horizontal	Pass
3	4322.600	48.82	-4.90	74.0	-25.18	Peak	115.00	150	Horizontal	Pass
3**	4322.600	38.77	-4.90	54.0	-15.23	AV	115.00	150	Horizontal	Pass
4	5185.600	105.60	-3.21	--	-143.40	Peak	249.00	150	Horizontal	N/A
4**	5185.600	97.29	-3.21	--	97.29	AV	249.00	150	Horizontal	N/A
5	7538.487	47.75	-1.69	74.0	-26.25	Peak	0.00	150	Horizontal	Pass
5**	7538.487	39.26	-1.69	54.0	-14.74	AV	0.00	150	Horizontal	Pass
6	11689.987	50.74	2.38	74.0	-23.26	Peak	26.00	150	Horizontal	Pass
6**	11689.987	41.67	2.38	54.0	-12.33	AV	26.00	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	1178.900	43.95	-18.41	74.0	-30.05	Peak	216.00	150	Vertical	Pass
1**	1178.900	27.23	-18.41	54.0	-26.77	AV	216.00	150	Vertical	Pass
2	2790.600	44.38	-11.11	74.0	-29.62	Peak	117.00	150	Vertical	Pass
2**	2790.600	35.08	-11.11	54.0	-18.92	AV	117.00	150	Vertical	Pass
3	4182.800	48.38	-5.04	74.0	-25.62	Peak	0.00	150	Vertical	Pass
3**	4182.800	38.50	-5.04	54.0	-15.50	AV	0.00	150	Vertical	Pass
4	5186.000	95.63	-3.19	--	-43.37	Peak	139.00	150	Vertical	N/A
4**	5186.000	88.27	-3.19	--	88.27	AV	139.00	150	Vertical	N/A
5	8055.125	48.83	-0.92	74.0	-25.17	Peak	332.00	150	Vertical	Pass
5**	8055.125	39.63	-0.92	54.0	-14.37	AV	332.00	150	Vertical	Pass
6	11653.763	50.91	2.54	74.0	-23.09	Peak	199.00	150	Vertical	Pass
6**	11653.763	40.97	2.54	54.0	-13.03	AV	199.00	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	1228.600	40.22	-17.99	74.0	-33.78	Peak	119.00	150	Horizontal	Pass
1**	1228.600	27.46	-17.99	54.0	-26.54	AV	119.00	150	Horizontal	Pass
2	1585.700	40.55	-17.67	74.0	-33.45	Peak	88.00	150	Horizontal	Pass
2**	1585.700	28.06	-17.67	54.0	-25.94	AV	88.00	150	Horizontal	Pass
3	3998.400	47.82	-5.65	74.0	-26.18	Peak	283.00	150	Horizontal	Pass
3**	3998.400	37.72	-5.65	54.0	-16.28	AV	283.00	150	Horizontal	Pass
4	5225.800	105.49	-3.48	--	-137.51	Peak	243.00	150	Horizontal	N/A
4**	5225.800	97.52	-3.48	--	97.52	AV	243.00	150	Horizontal	N/A
5	7571.262	47.88	-2.07	74.0	-26.12	Peak	221.00	150	Horizontal	Pass
5**	7571.262	37.55	-2.07	54.0	-16.45	AV	221.00	150	Horizontal	Pass
6	12217.263	50.93	2.59	74.0	-23.07	Peak	18.00	150	Horizontal	Pass
6**	12217.263	41.58	2.59	54.0	-12.42	AV	18.00	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	1163.900	44.29	-18.39	74.0	-29.71	Peak	205.00	150	Vertical	Pass
1**	1163.900	33.46	-18.39	54.0	-20.54	AV	205.00	150	Vertical	Pass
2	1512.700	39.32	-17.81	74.0	-34.68	Peak	186.00	150	Vertical	Pass
2**	1512.700	28.28	-17.81	54.0	-25.72	AV	186.00	150	Vertical	Pass
3	4174.400	48.59	-4.89	74.0	-25.41	Peak	28.00	150	Vertical	Pass
3**	4174.400	38.97	-4.89	54.0	-15.03	AV	28.00	150	Vertical	Pass
4	5231.600	94.99	-3.60	--	81.99	Peak	13.00	150	Vertical	N/A
4**	5231.600	87.96	-3.60	--	87.96	AV	13.00	150	Vertical	N/A
5	7591.675	47.67	-2.35	74.0	-26.33	Peak	343.00	150	Vertical	Pass
5**	7591.675	37.63	-2.35	54.0	-16.37	AV	343.00	150	Vertical	Pass
6	12226.175	50.88	2.61	74.0	-23.12	Peak	99.00	150	Vertical	Pass
6**	12226.175	41.91	2.61	54.0	-12.09	AV	99.00	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	1062.100	38.55	-18.64	74.0	-35.45	Peak	223.00	150	Horizontal	Pass
1**	1062.100	26.62	-18.64	54.0	-27.38	AV	223.00	150	Horizontal	Pass
2	2222.800	42.44	-13.41	74.0	-31.56	Peak	259.00	150	Horizontal	Pass
2**	2222.800	32.35	-13.41	54.0	-21.65	AV	259.00	150	Horizontal	Pass
3	4100.600	47.77	-5.28	74.0	-26.23	Peak	171.00	150	Horizontal	Pass
3**	4100.600	38.09	-5.28	54.0	-15.91	AV	171.00	150	Horizontal	Pass
4	5179.600	108.09	-3.16	--	-135.91	Peak	244.00	150	Horizontal	N/A
4**	5179.600	100.09	-3.16	--	100.09	AV	244.00	150	Horizontal	N/A
5	7498.525	47.05	-1.88	74.0	-26.95	Peak	120.00	150	Horizontal	Pass
5**	7498.525	38.12	-1.88	54.0	-15.88	AV	120.00	150	Horizontal	Pass
6	12265.275	51.39	2.53	74.0	-22.61	Peak	17.00	150	Horizontal	Pass
6**	12265.275	41.79	2.53	54.0	-12.21	AV	17.00	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	1166.500	44.08	-18.52	74.0	-29.92	Peak	194.00	150	Vertical	Pass
1**	1166.500	29.47	-18.52	54.0	-24.53	AV	194.00	150	Vertical	Pass
2	2793.300	46.33	-11.19	74.0	-27.67	Peak	155.00	150	Vertical	Pass
2**	2793.300	34.52	-11.19	54.0	-19.48	AV	155.00	150	Vertical	Pass
3	4659.000	50.10	-4.32	74.0	-23.90	Peak	137.00	150	Vertical	Pass
3**	4659.000	39.95	-4.32	54.0	-14.05	AV	137.00	150	Vertical	Pass
4	5178.400	97.75	-3.14	--	-262.25	Peak	360.00	150	Vertical	N/A
4**	5178.400	91.09	-3.14	--	91.09	AV	360.00	150	Vertical	N/A
5	7554.300	47.32	-1.56	74.0	-26.68	Peak	219.00	150	Vertical	Pass
5**	7554.300	39.55	-1.56	54.0	-14.45	AV	219.00	150	Vertical	Pass
6	12205.763	51.19	2.57	74.0	-22.81	Peak	126.00	150	Vertical	Pass
6**	12205.763	41.37	2.57	54.0	-12.63	AV	126.00	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	1164.200	39.41	-18.39	74.0	-34.59	Peak	117.00	150	Horizontal	Pass
1**	1164.200	27.68	-18.39	54.0	-26.32	AV	117.00	150	Horizontal	Pass
2	2254.900	42.45	-13.19	74.0	-31.55	Peak	151.00	150	Horizontal	Pass
2**	2254.900	31.95	-13.19	54.0	-22.05	AV	151.00	150	Horizontal	Pass
3	4229.400	48.48	-4.93	74.0	-25.52	Peak	326.00	150	Horizontal	Pass
3**	4229.400	37.88	-4.93	54.0	-16.12	AV	326.00	150	Horizontal	Pass
4	5221.200	108.64	-3.42	--	-126.36	Peak	235.00	150	Horizontal	N/A
4**	5221.200	100.52	-3.42	--	100.52	AV	235.00	150	Horizontal	N/A
5	7545.962	47.66	-1.58	74.0	-26.34	Peak	332.00	150	Horizontal	Pass
5**	7545.962	39.55	-1.58	54.0	-14.45	AV	332.00	150	Horizontal	Pass
6	12213.238	50.48	2.58	74.0	-23.52	Peak	112.00	150	Horizontal	Pass
6**	12213.238	42.10	2.58	54.0	-11.90	AV	112.00	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	1161.500	43.85	-18.39	74.0	-30.15	Peak	166.00	150	Vertical	Pass
1**	1161.500	30.28	-18.39	54.0	-23.72	AV	166.00	150	Vertical	Pass
2	2789.400	44.63	-11.08	74.0	-29.37	Peak	133.00	150	Vertical	Pass
2**	2789.400	33.17	-11.08	54.0	-20.83	AV	133.00	150	Vertical	Pass
3	4651.600	50.00	-4.16	74.0	-24.00	Peak	143.00	150	Vertical	Pass
3**	4651.600	39.65	-4.16	54.0	-14.35	AV	143.00	150	Vertical	Pass
4	5217.200	97.60	-3.42	--	-249.40	Peak	347.00	150	Vertical	N/A
4**	5217.200	90.28	-3.42	--	90.28	AV	347.00	150	Vertical	N/A
5	7537.913	48.40	-1.69	74.0	-25.60	Peak	221.00	150	Vertical	Pass
5**	7537.913	37.61	-1.69	54.0	-16.39	AV	221.00	150	Vertical	Pass
6	11641.113	50.72	2.46	74.0	-23.28	Peak	7.00	150	Vertical	Pass
6**	11641.113	41.41	2.46	54.0	-12.59	AV	7.00	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	1148.900	38.36	-18.37	74.0	-35.64	Peak	244.00	150	Horizontal	Pass
1**	1148.900	27.04	-18.37	54.0	-26.96	AV	244.00	150	Horizontal	Pass
2	2694.800	42.44	-11.48	74.0	-31.56	Peak	0.00	150	Horizontal	Pass
2**	2694.800	32.75	-11.48	54.0	-21.25	AV	0.00	150	Horizontal	Pass
3	4010.400	47.38	-5.82	74.0	-26.62	Peak	25.00	150	Horizontal	Pass
3**	4010.400	37.96	-5.82	54.0	-16.04	AV	25.00	150	Horizontal	Pass
4	5235.800	107.55	-3.68	--	-128.45	Peak	236.00	150	Horizontal	N/A
4**	5235.800	99.45	-3.68	--	99.45	AV	236.00	150	Horizontal	N/A
5	7557.175	47.84	-1.66	74.0	-26.16	Peak	162.00	150	Horizontal	Pass
5**	7557.175	38.18	-1.66	54.0	-15.82	AV	162.00	150	Horizontal	Pass
6	11694.875	50.93	2.34	74.0	-23.07	Peak	341.00	150	Horizontal	Pass
6**	11694.875	41.03	2.34	54.0	-12.97	AV	341.00	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	1172.600	43.79	-18.45	74.0	-30.21	Peak	206.00	150	Vertical	Pass
1**	1172.600	27.04	-18.45	54.0	-26.96	AV	206.00	150	Vertical	Pass
2	2774.900	43.83	-11.19	74.0	-30.17	Peak	133.00	150	Vertical	Pass
2**	2774.900	33.63	-11.19	54.0	-20.37	AV	133.00	150	Vertical	Pass
3	4089.600	48.08	-5.01	74.0	-25.92	Peak	327.00	150	Vertical	Pass
3**	4089.600	38.08	-5.01	54.0	-15.92	AV	327.00	150	Vertical	Pass
4	5238.800	98.08	-3.66	--	96.08	Peak	2.00	150	Vertical	N/A
4**	5238.800	92.01	-3.66	--	92.01	AV	2.00	150	Vertical	N/A
5	7529.575	47.61	-1.65	74.0	-26.39	Peak	130.00	150	Vertical	Pass
5**	7529.575	37.93	-1.65	54.0	-16.07	AV	130.00	150	Vertical	Pass
6	12342.038	51.21	2.08	74.0	-22.79	Peak	88.00	150	Vertical	Pass
6**	12342.038	41.48	2.08	54.0	-12.52	AV	88.00	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	1184.200	39.81	-18.26	74.0	-34.19	Peak	232.00	150	Horizontal	Pass
1**	1184.200	31.44	-18.26	54.0	-22.56	AV	232.00	150	Horizontal	Pass
2	2777.600	42.94	-11.20	74.0	-31.06	Peak	324.00	150	Horizontal	Pass
2**	2777.600	32.68	-11.20	54.0	-21.32	AV	324.00	150	Horizontal	Pass
3	3766.400	47.49	-6.30	74.0	-26.51	Peak	267.00	150	Horizontal	Pass
3**	3766.400	37.77	-6.30	54.0	-16.23	AV	267.00	150	Horizontal	Pass
4	5185.600	105.02	-3.21	--	-131.98	Peak	237.00	150	Horizontal	N/A
4**	5185.600	96.19	-3.21	--	96.19	AV	237.00	150	Horizontal	N/A
5	7468.913	47.32	-2.06	74.0	-26.68	Peak	49.00	150	Horizontal	Pass
5**	7468.913	38.22	-2.06	54.0	-15.78	AV	49.00	150	Horizontal	Pass
6	11822.525	50.83	0.93	74.0	-23.17	Peak	283.00	150	Horizontal	Pass
6**	11822.525	40.89	0.93	54.0	-13.11	AV	283.00	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	1178.200	43.84	-18.43	74.0	-30.16	Peak	181.00	150	Vertical	Pass
1**	1178.200	26.87	-18.43	54.0	-27.13	AV	181.00	150	Vertical	Pass
2	2251.300	43.90	-13.21	74.0	-30.10	Peak	150.00	150	Vertical	Pass
2**	2251.300	32.43	-13.21	54.0	-21.57	AV	150.00	150	Vertical	Pass
3	3969.200	48.06	-5.34	74.0	-25.94	Peak	259.00	150	Vertical	Pass
3**	3969.200	38.16	-5.34	54.0	-15.84	AV	259.00	150	Vertical	Pass
4	5179.200	94.60	-3.15	--	94.60	Peak	0.00	150	Vertical	N/A
4**	5179.200	86.79	-3.15	--	86.79	AV	0.00	150	Vertical	N/A
5	7541.650	46.69	-1.64	74.0	-27.31	Peak	144.00	150	Vertical	Pass
5**	7541.650	38.40	-1.64	54.0	-15.60	AV	144.00	150	Vertical	Pass
6	11726.213	50.57	1.91	74.0	-23.43	Peak	124.00	150	Vertical	Pass
6**	11726.213	41.30	1.91	54.0	-12.70	AV	124.00	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	1167.000	40.87	-18.51	74.0	-33.13	Peak	115.00	150	Horizontal	Pass
1**	1167.000	27.77	-18.51	54.0	-26.23	AV	115.00	150	Horizontal	Pass
2	1531.800	37.94	-17.76	74.0	-36.06	Peak	235.00	150	Horizontal	Pass
2**	1531.800	28.42	-17.76	54.0	-25.58	AV	235.00	150	Horizontal	Pass
3	4211.400	49.22	-4.95	74.0	-24.78	Peak	58.00	150	Horizontal	Pass
3**	4211.400	39.24	-4.95	54.0	-14.76	AV	58.00	150	Horizontal	Pass
4	5227.400	105.63	-3.50	--	-138.37	Peak	244.00	150	Horizontal	N/A
4**	5227.400	97.88	-3.50	--	97.88	AV	244.00	150	Horizontal	N/A
5	7491.913	47.68	-1.85	74.0	-26.32	Peak	0.00	150	Horizontal	Pass
5**	7491.913	38.16	-1.85	54.0	-15.84	AV	0.00	150	Horizontal	Pass
6	12300.925	50.88	2.29	74.0	-23.12	Peak	346.00	150	Horizontal	Pass
6**	12300.925	41.40	2.29	54.0	-12.60	AV	346.00	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	1175.100	43.58	-18.49	74.0	-30.42	Peak	202.00	150	Vertical	Pass
1**	1175.100	31.99	-18.49	54.0	-22.01	AV	202.00	150	Vertical	Pass
2	2795.000	46.18	-11.20	74.0	-27.82	Peak	125.00	150	Vertical	Pass
2**	2795.000	36.55	-11.20	54.0	-17.45	AV	125.00	150	Vertical	Pass
3	3964.000	48.13	-5.30	74.0	-25.87	Peak	135.00	150	Vertical	Pass
3**	3964.000	38.23	-5.30	54.0	-15.77	AV	135.00	150	Vertical	Pass
4	5225.200	96.36	-3.48	--	-4.64	Peak	101.00	150	Vertical	N/A
4**	5225.200	87.49	-3.48	--	87.49	AV	101.00	150	Vertical	N/A
5	7568.388	47.04	-2.03	74.0	-26.96	Peak	190.00	150	Vertical	Pass
5**	7568.388	38.21	-2.03	54.0	-15.79	AV	190.00	150	Vertical	Pass
6	11727.938	50.48	1.88	74.0	-23.52	Peak	360.00	150	Vertical	Pass
6**	11727.938	41.33	1.88	54.0	-12.67	AV	360.00	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	1193.600	40.53	-18.18	74.0	-33.47	Peak	305.00	150	Horizontal	Pass
1**	1193.600	29.93	-18.18	54.0	-24.07	AV	305.00	150	Horizontal	Pass
2	2780.900	43.66	-11.16	74.0	-30.34	Peak	0.00	150	Horizontal	Pass
2**	2780.900	33.97	-11.16	54.0	-20.03	AV	0.00	150	Horizontal	Pass
3	3815.400	48.34	-6.58	74.0	-25.66	Peak	318.00	150	Horizontal	Pass
3**	3815.400	38.17	-6.58	54.0	-15.83	AV	318.00	150	Horizontal	Pass
4	5215.800	101.27	-3.41	--	-137.73	Peak	239.00	150	Horizontal	N/A
4**	5215.800	94.08	-3.41	--	94.08	AV	239.00	150	Horizontal	N/A
5	7548.837	47.73	-1.59	74.0	-26.27	Peak	120.00	150	Horizontal	Pass
5**	7548.837	38.29	-1.59	54.0	-15.71	AV	120.00	150	Horizontal	Pass
6	12222.437	51.06	2.60	74.0	-22.94	Peak	191.00	150	Horizontal	Pass
6**	12222.437	41.33	2.60	54.0	-12.67	AV	191.00	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	1165.100	44.19	-18.42	74.0	-29.81	Peak	172.00	150	Vertical	Pass
1**	1165.100	30.96	-18.42	54.0	-23.04	AV	172.00	150	Vertical	Pass
2	1588.900	44.45	-17.68	74.0	-29.55	Peak	224.00	150	Vertical	Pass
2**	1588.900	37.30	-17.68	54.0	-16.70	AV	224.00	150	Vertical	Pass
3	2221.600	49.58	-13.44	74.0	-24.42	Peak	194.00	150	Vertical	Pass
3**	2221.600	40.37	-13.44	54.0	-13.63	AV	194.00	150	Vertical	Pass
4	5215.800	92.00	-3.41	--	-22.00	Peak	114.00	150	Vertical	N/A
4**	5215.800	84.85	-3.41	--	84.85	AV	114.00	150	Vertical	N/A
5	7552.288	47.10	-1.56	74.0	-26.90	Peak	0.00	150	Vertical	Pass
5**	7552.288	38.97	-1.56	54.0	-15.03	AV	0.00	150	Vertical	Pass
6	12223.300	50.31	2.61	74.0	-23.69	Peak	29.00	150	Vertical	Pass
6**	12223.300	41.59	2.61	54.0	-12.41	AV	29.00	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	1163.400	40.20	-18.40	74.0	-33.80	Peak	306.00	150	Horizontal	Pass
1**	1163.400	28.76	-18.40	54.0	-25.24	AV	306.00	150	Horizontal	Pass
2	1526.400	38.34	-17.74	74.0	-35.66	Peak	44.00	150	Horizontal	Pass
2**	1526.400	28.48	-17.74	54.0	-25.52	AV	44.00	150	Horizontal	Pass
3	4329.000	48.65	-4.83	74.0	-25.35	Peak	186.00	150	Horizontal	Pass
3**	4329.000	39.25	-4.83	54.0	-14.75	AV	186.00	150	Horizontal	Pass
4	5256.000	108.62	-3.81	--	-126.38	Peak	235.00	150	Horizontal	N/A
4**	5256.000	100.22	-3.81	--	100.22	AV	235.00	150	Horizontal	N/A
5	7535.325	47.08	-1.76	74.0	-26.92	Peak	360.00	150	Horizontal	Pass
5**	7535.325	37.83	-1.76	54.0	-16.17	AV	360.00	150	Horizontal	Pass
6	12553.062	50.57	1.41	74.0	-23.43	Peak	0.00	150	Horizontal	Pass
6**	12553.062	40.04	1.41	54.0	-13.96	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	1166.200	43.53	-18.49	74.0	-30.47	Peak	165.00	150	Vertical	Pass
1**	1166.200	28.50	-18.49	54.0	-25.50	AV	165.00	150	Vertical	Pass
2	2329.700	43.77	-12.80	74.0	-30.23	Peak	143.00	150	Vertical	Pass
2**	2329.700	33.27	-12.80	54.0	-20.73	AV	143.00	150	Vertical	Pass
3	4277.800	48.58	-4.74	74.0	-25.42	Peak	346.00	150	Vertical	Pass
3**	4277.800	38.75	-4.74	54.0	-15.25	AV	346.00	150	Vertical	Pass
4	5260.800	99.45	-3.81	--	54.45	Peak	45.00	150	Vertical	N/A
4**	5260.800	91.80	-3.81	--	91.80	AV	45.00	150	Vertical	N/A
5	7420.612	47.56	-2.04	74.0	-26.44	Peak	309.00	150	Vertical	Pass
5**	7420.612	37.62	-2.04	54.0	-16.38	AV	309.00	150	Vertical	Pass
6	11641.975	50.72	2.47	74.0	-23.28	Peak	266.00	150	Vertical	Pass
6**	11641.975	40.58	2.47	54.0	-13.42	AV	266.00	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	1219.700	39.91	-18.01	74.0	-34.09	Peak	252.00	150	Horizontal	Pass
1**	1219.700	28.19	-18.01	54.0	-25.81	AV	252.00	150	Horizontal	Pass
2	2253.900	43.12	-13.22	74.0	-30.88	Peak	176.00	150	Horizontal	Pass
2**	2253.900	32.60	-13.22	54.0	-21.40	AV	176.00	150	Horizontal	Pass
3	4092.400	48.21	-5.06	74.0	-25.79	Peak	178.00	150	Horizontal	Pass
3**	4092.400	37.88	-5.06	54.0	-16.12	AV	178.00	150	Horizontal	Pass
4	5301.800	108.79	-3.31	--	-139.21	Peak	248.00	150	Horizontal	N/A
4**	5301.800	100.83	-3.31	--	100.83	AV	248.00	150	Horizontal	N/A
5	7575.862	47.88	-2.13	74.0	-26.12	Peak	220.00	150	Horizontal	Pass
5**	7575.862	37.46	-2.13	54.0	-16.54	AV	220.00	150	Horizontal	Pass
6	12283.675	50.70	2.38	74.0	-23.30	Peak	137.00	150	Horizontal	Pass
6**	12283.675	40.92	2.38	54.0	-13.08	AV	137.00	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	1181.900	43.02	-18.35	74.0	-30.98	Peak	158.00	150	Vertical	Pass
1**	1181.900	30.53	-18.35	54.0	-23.47	AV	158.00	150	Vertical	Pass
2	1516.500	39.14	-17.75	74.0	-34.86	Peak	141.00	150	Vertical	Pass
2**	1516.500	28.71	-17.75	54.0	-25.29	AV	141.00	150	Vertical	Pass
3	2798.000	45.73	-11.14	74.0	-28.27	Peak	229.00	150	Vertical	Pass
3**	2798.000	34.92	-11.14	54.0	-19.08	AV	229.00	150	Vertical	Pass
4	5301.200	99.79	-3.30	--	-260.21	Peak	360.00	150	Vertical	N/A
4**	5301.200	91.93	-3.30	--	91.93	AV	360.00	150	Vertical	N/A
5	7573.562	47.74	-2.09	74.0	-26.26	Peak	63.00	150	Vertical	Pass
5**	7573.562	38.47	-2.09	54.0	-15.53	AV	63.00	150	Vertical	Pass
6	12211.225	51.90	2.58	74.0	-22.10	Peak	360.00	150	Vertical	Pass
6**	12211.225	41.73	2.58	54.0	-12.27	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	1198.000	41.89	-18.18	74.0	-32.11	Peak	298.00	150	Horizontal	Pass
1**	1198.000	32.54	-18.18	54.0	-21.46	AV	298.00	150	Horizontal	Pass
2	2813.000	44.10	-10.82	74.0	-29.90	Peak	48.00	150	Horizontal	Pass
2**	2813.000	34.60	-10.82	54.0	-19.40	AV	48.00	150	Horizontal	Pass
3	4223.400	48.68	-4.73	74.0	-25.32	Peak	360.00	150	Horizontal	Pass
3**	4223.400	38.77	-4.73	54.0	-15.23	AV	360.00	150	Horizontal	Pass
4	5318.800	108.88	-3.28	--	-132.12	Peak	241.00	150	Horizontal	N/A
4**	5318.800	100.94	-3.28	--	100.94	AV	241.00	150	Horizontal	N/A
5	7539.062	47.36	-1.69	74.0	-26.64	Peak	262.00	150	Horizontal	Pass
5**	7539.062	38.67	-1.69	54.0	-15.33	AV	262.00	150	Horizontal	Pass
6	12227.900	51.06	2.62	74.0	-22.94	Peak	283.00	150	Horizontal	Pass
6**	12227.900	42.08	2.62	54.0	-11.92	AV	283.00	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	1186.800	43.79	-18.29	74.0	-30.21	Peak	214.00	150	Vertical	Pass
1**	1186.800	28.53	-18.29	54.0	-25.47	AV	214.00	150	Vertical	Pass
2	2791.600	45.12	-11.14	74.0	-28.88	Peak	44.00	150	Vertical	Pass
2**	2791.600	35.05	-11.14	54.0	-18.95	AV	44.00	150	Vertical	Pass
3	3749.000	47.89	-6.71	74.0	-26.11	Peak	177.00	150	Vertical	Pass
3**	3749.000	38.19	-6.71	54.0	-15.81	AV	177.00	150	Vertical	Pass
4	5318.800	98.11	-3.28	--	79.11	Peak	19.00	150	Vertical	N/A
4**	5318.800	90.23	-3.28	--	90.23	AV	19.00	150	Vertical	N/A
5	7575.575	47.76	-2.13	74.0	-26.24	Peak	148.00	150	Vertical	Pass
5**	7575.575	38.10	-2.13	54.0	-15.90	AV	148.00	150	Vertical	Pass
6	11685.675	51.78	2.41	74.0	-22.22	Peak	281.00	150	Vertical	Pass
6**	11685.675	41.16	2.41	54.0	-12.84	AV	281.00	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	1180.700	40.26	-18.37	74.0	-33.74	Peak	242.00	150	Horizontal	Pass
1**	1180.700	27.07	-18.37	54.0	-26.93	AV	242.00	150	Horizontal	Pass
2	2733.300	43.79	-10.76	74.0	-30.21	Peak	99.00	150	Horizontal	Pass
2**	2733.300	35.14	-10.76	54.0	-18.86	AV	99.00	150	Horizontal	Pass
3	4348.400	48.55	-4.82	74.0	-25.45	Peak	148.00	150	Horizontal	Pass
3**	4348.400	39.27	-4.82	54.0	-14.73	AV	148.00	150	Horizontal	Pass
4	5261.000	107.39	-3.81	--	-135.61	Peak	243.00	150	Horizontal	N/A
4**	5261.000	100.20	-3.81	--	100.20	AV	243.00	150	Horizontal	N/A
5	7548.837	47.69	-1.59	74.0	-26.31	Peak	360.00	150	Horizontal	Pass
5**	7548.837	38.71	-1.59	54.0	-15.29	AV	360.00	150	Horizontal	Pass
6	12254.349	50.75	2.63	74.0	-23.25	Peak	230.00	150	Horizontal	Pass
6**	12254.349	41.90	2.63	54.0	-12.10	AV	230.00	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	1163.500	43.00	-18.40	74.0	-31.00	Peak	147.00	150	Vertical	Pass
1**	1163.500	32.69	-18.40	54.0	-21.31	AV	147.00	150	Vertical	Pass
2	2798.300	46.44	-11.14	74.0	-27.56	Peak	236.00	150	Vertical	Pass
2**	2798.300	35.20	-11.14	54.0	-18.80	AV	236.00	150	Vertical	Pass
3	3932.000	47.44	-6.33	74.0	-26.56	Peak	249.00	150	Vertical	Pass
3**	3932.000	38.19	-6.33	54.0	-15.81	AV	249.00	150	Vertical	Pass
4	5259.200	97.98	-3.81	--	52.98	Peak	45.00	150	Vertical	N/A
4**	5259.200	90.60	-3.81	--	90.60	AV	45.00	150	Vertical	N/A
5	7545.962	48.10	-1.58	74.0	-25.90	Peak	360.00	150	Vertical	Pass
5**	7545.962	38.51	-1.58	54.0	-15.49	AV	360.00	150	Vertical	Pass
6	11968.862	50.82	0.90	74.0	-23.18	Peak	201.00	150	Vertical	Pass
6**	11968.862	41.24	0.90	54.0	-12.76	AV	201.00	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	1197.400	40.14	-18.19	74.0	-33.86	Peak	22.00	150	Horizontal	Pass
1**	1197.400	31.59	-18.19	54.0	-22.41	AV	22.00	150	Horizontal	Pass
2	2267.100	42.40	-13.04	74.0	-31.60	Peak	92.00	150	Horizontal	Pass
2**	2267.100	32.70	-13.04	54.0	-21.30	AV	92.00	150	Horizontal	Pass
3	3775.400	47.30	-5.87	74.0	-26.70	Peak	360.00	150	Horizontal	Pass
3**	3775.400	37.51	-5.87	54.0	-16.49	AV	360.00	150	Horizontal	Pass
4	5297.200	108.36	-3.39	--	-134.64	Peak	243.00	150	Horizontal	N/A
4**	5297.200	101.46	-3.39	--	101.46	AV	243.00	150	Horizontal	N/A
5	7549.125	47.27	-1.60	74.0	-26.73	Peak	360.00	150	Horizontal	Pass
5**	7549.125	39.29	-1.60	54.0	-14.71	AV	360.00	150	Horizontal	Pass
6	11826.550	51.01	0.90	74.0	-22.99	Peak	354.00	150	Horizontal	Pass
6**	11826.550	41.37	0.90	54.0	-12.63	AV	354.00	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	1164.800	43.17	-18.40	74.0	-30.83	Peak	170.00	150	Vertical	Pass
1**	1164.800	31.84	-18.40	54.0	-22.16	AV	170.00	150	Vertical	Pass
2	2792.900	45.42	-11.17	74.0	-28.58	Peak	260.00	150	Vertical	Pass
2**	2792.900	34.84	-11.17	54.0	-19.16	AV	260.00	150	Vertical	Pass
3	3956.600	47.36	-5.84	74.0	-26.64	Peak	73.00	150	Vertical	Pass
3**	3956.600	38.36	-5.84	54.0	-15.64	AV	73.00	150	Vertical	Pass
4	5298.800	99.06	-3.34	--	-260.94	Peak	360.00	150	Vertical	N/A
4**	5298.800	90.81	-3.34	--	90.81	AV	360.00	150	Vertical	N/A
5	7553.725	47.47	-1.56	74.0	-26.53	Peak	58.00	150	Vertical	Pass
5**	7553.725	39.35	-1.56	54.0	-14.65	AV	58.00	150	Vertical	Pass
6	12216.688	50.92	2.59	74.0	-23.08	Peak	78.00	150	Vertical	Pass
6**	12216.688	41.44	2.59	54.0	-12.56	AV	78.00	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	1189.600	40.52	-18.26	74.0	-33.48	Peak	302.00	150	Horizontal	Pass
1**	1189.600	30.28	-18.26	54.0	-23.72	AV	302.00	150	Horizontal	Pass
2	2705.100	43.89	-11.55	74.0	-30.11	Peak	71.00	150	Horizontal	Pass
2**	2705.100	33.73	-11.55	54.0	-20.27	AV	71.00	150	Horizontal	Pass
3	3812.600	47.10	-6.51	74.0	-26.90	Peak	265.00	150	Horizontal	Pass
3**	3812.600	37.27	-6.51	54.0	-16.73	AV	265.00	150	Horizontal	Pass
4	5318.200	107.55	-3.26	--	-130.45	Peak	238.00	150	Horizontal	N/A
4**	5318.200	99.86	-3.26	--	99.86	AV	238.00	150	Horizontal	N/A
5	7547.687	47.30	-1.58	74.0	-26.70	Peak	33.00	150	Horizontal	Pass
5**	7547.687	38.72	-1.58	54.0	-15.28	AV	33.00	150	Horizontal	Pass
6	11988.987	50.93	1.01	74.0	-23.07	Peak	13.00	150	Horizontal	Pass
6**	11988.987	40.44	1.01	54.0	-13.56	AV	13.00	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	1165.700	41.84	-18.46	74.0	-32.16	Peak	208.00	150	Vertical	Pass
1**	1165.700	30.69	-18.46	54.0	-23.31	AV	208.00	150	Vertical	Pass
2	2235.900	45.77	-13.38	74.0	-28.23	Peak	167.00	150	Vertical	Pass
2**	2235.900	33.88	-13.38	54.0	-20.12	AV	167.00	150	Vertical	Pass
3	4199.800	48.29	-5.25	74.0	-25.71	Peak	154.00	150	Vertical	Pass
3**	4199.800	38.91	-5.25	54.0	-15.09	AV	154.00	150	Vertical	Pass
4	5318.000	97.40	-3.25	--	96.40	Peak	1.00	150	Vertical	N/A
4**	5318.000	89.41	-3.25	--	89.41	AV	1.00	150	Vertical	N/A
5	7488.175	47.45	-1.85	74.0	-26.55	Peak	291.00	150	Vertical	Pass
5**	7488.175	38.71	-1.85	54.0	-15.29	AV	291.00	150	Vertical	Pass
6	11628.174	50.42	2.31	74.0	-23.58	Peak	180.00	150	Vertical	Pass
6**	11628.174	40.60	2.31	54.0	-13.40	AV	180.00	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	1163.200	40.98	-18.40	74.0	-33.02	Peak	138.00	150	Horizontal	Pass
1**	1163.200	29.02	-18.40	54.0	-24.98	AV	138.00	150	Horizontal	Pass
2	2220.800	42.44	-13.46	74.0	-31.56	Peak	41.00	150	Horizontal	Pass
2**	2220.800	32.83	-13.46	54.0	-21.17	AV	41.00	150	Horizontal	Pass
3	4310.600	48.27	-5.02	74.0	-25.73	Peak	257.00	150	Horizontal	Pass
3**	4310.600	38.38	-5.02	54.0	-15.62	AV	257.00	150	Horizontal	Pass
4	5267.600	104.50	-3.77	--	-143.50	Peak	248.00	150	Horizontal	N/A
4**	5267.600	96.64	-3.77	--	96.64	AV	248.00	150	Horizontal	N/A
5	7543.950	48.29	-1.62	74.0	-25.71	Peak	101.00	150	Horizontal	Pass
5**	7543.950	38.87	-1.62	54.0	-15.13	AV	101.00	150	Horizontal	Pass
6	12250.325	51.18	2.66	74.0	-22.82	Peak	26.00	150	Horizontal	Pass
6**	12250.325	41.26	2.66	54.0	-12.74	AV	26.00	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	1167.000	43.55	-18.51	74.0	-30.45	Peak	150.00	150	Vertical	Pass
1**	1167.000	29.23	-18.51	54.0	-24.77	AV	150.00	150	Vertical	Pass
2	2790.200	46.10	-11.10	74.0	-27.90	Peak	236.00	150	Vertical	Pass
2**	2790.200	38.89	-11.10	54.0	-15.11	AV	236.00	150	Vertical	Pass
3	4663.600	50.10	-4.40	74.0	-23.90	Peak	144.00	150	Vertical	Pass
3**	4663.600	39.62	-4.40	54.0	-14.38	AV	144.00	150	Vertical	Pass
4	5265.800	94.91	-3.74	--	-19.09	Peak	114.00	150	Vertical	N/A
4**	5265.800	87.53	-3.74	--	87.53	AV	114.00	150	Vertical	N/A
5	7506.288	47.43	-1.87	74.0	-26.57	Peak	132.00	150	Vertical	Pass
5**	7506.288	38.07	-1.87	54.0	-15.93	AV	132.00	150	Vertical	Pass
6	11656.637	51.04	2.53	74.0	-22.96	Peak	100.00	150	Vertical	Pass
6**	11656.637	41.42	2.53	54.0	-12.58	AV	100.00	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	1173.100	40.57	-18.43	74.0	-33.43	Peak	231.00	150	Horizontal	Pass
1**	1173.100	28.14	-18.43	54.0	-25.86	AV	231.00	150	Horizontal	Pass
2	2744.400	43.80	-10.70	74.0	-30.20	Peak	93.00	150	Horizontal	Pass
2**	2744.400	34.56	-10.70	54.0	-19.44	AV	93.00	150	Horizontal	Pass
3	4157.600	48.11	-5.11	74.0	-25.89	Peak	127.00	150	Horizontal	Pass
3**	4157.600	37.72	-5.11	54.0	-16.28	AV	127.00	150	Horizontal	Pass
4	5307.600	104.63	-3.29	--	-142.37	Peak	247.00	150	Horizontal	N/A
4**	5307.600	97.01	-3.29	--	97.01	AV	247.00	150	Horizontal	N/A
5	7489.038	48.11	-1.83	74.0	-25.89	Peak	4.00	150	Horizontal	Pass
5**	7489.038	37.85	-1.83	54.0	-16.15	AV	4.00	150	Horizontal	Pass
6	12212.950	51.06	2.58	74.0	-22.94	Peak	329.00	150	Horizontal	Pass
6**	12212.950	41.32	2.58	54.0	-12.68	AV	329.00	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	1195.900	44.36	-18.19	74.0	-29.64	Peak	221.00	150	Vertical	Pass
1**	1195.900	33.82	-18.19	54.0	-20.18	AV	221.00	150	Vertical	Pass
2	2362.000	45.08	-13.01	74.0	-28.92	Peak	138.00	150	Vertical	Pass
2**	2362.000	33.55	-13.01	54.0	-20.45	AV	138.00	150	Vertical	Pass
3	4663.800	51.53	-4.41	74.0	-22.47	Peak	152.00	150	Vertical	Pass
3**	4663.800	40.21	-4.41	54.0	-13.79	AV	152.00	150	Vertical	Pass
4	5301.000	95.19	-3.30	--	-264.81	Peak	360.00	150	Vertical	N/A
4**	5301.000	86.87	-3.30	--	86.87	AV	360.00	150	Vertical	N/A
5	8113.487	48.01	-1.16	74.0	-25.99	Peak	354.00	150	Vertical	Pass
5**	8113.487	38.44	-1.16	54.0	-15.56	AV	354.00	150	Vertical	Pass
6	12278.213	51.36	2.42	74.0	-22.64	Peak	360.00	150	Vertical	Pass
6**	12278.213	41.63	2.42	54.0	-12.37	AV	360.00	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	1172.900	40.10	-18.44	74.0	-33.90	Peak	38.00	150	Horizontal	Pass
1**	1172.900	29.83	-18.44	54.0	-24.17	AV	38.00	150	Horizontal	Pass
2	2244.800	42.19	-13.23	74.0	-31.81	Peak	38.00	150	Horizontal	Pass
2**	2244.800	32.87	-13.23	54.0	-21.13	AV	38.00	150	Horizontal	Pass
3	3789.600	47.47	-5.49	74.0	-26.53	Peak	291.00	150	Horizontal	Pass
3**	3789.600	38.25	-5.49	54.0	-15.75	AV	291.00	150	Horizontal	Pass
4	5259.200	107.24	-3.81	--	-137.76	Peak	245.00	150	Horizontal	N/A
4**	5259.200	99.94	-3.81	--	99.94	AV	245.00	150	Horizontal	N/A
5	7491.913	47.07	-1.85	74.0	-26.93	Peak	131.00	150	Horizontal	Pass
5**	7491.913	38.20	-1.85	54.0	-15.80	AV	131.00	150	Horizontal	Pass
6	12275.625	51.07	2.45	74.0	-22.93	Peak	49.00	150	Horizontal	Pass
6**	12275.625	41.83	2.45	54.0	-12.17	AV	49.00	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	1158.200	42.11	-18.37	74.0	-31.89	Peak	184.00	150	Vertical	Pass
1**	1158.200	28.12	-18.37	54.0	-25.88	AV	184.00	150	Vertical	Pass
2	2362.300	44.50	-13.01	74.0	-29.50	Peak	147.00	150	Vertical	Pass
2**	2362.300	34.16	-13.01	54.0	-19.84	AV	147.00	150	Vertical	Pass
3	3771.400	47.32	-6.01	74.0	-26.68	Peak	0.00	150	Vertical	Pass
3**	3771.400	38.47	-6.01	54.0	-15.53	AV	0.00	150	Vertical	Pass
4	5261.600	98.34	-3.81	--	54.34	Peak	44.00	150	Vertical	N/A
4**	5261.600	90.05	-3.81	--	90.05	AV	44.00	150	Vertical	N/A
5	7568.963	47.55	-2.03	74.0	-26.45	Peak	140.00	150	Vertical	Pass
5**	7568.963	38.08	-2.03	54.0	-15.92	AV	140.00	150	Vertical	Pass
6	11739.725	50.72	1.70	74.0	-23.28	Peak	76.00	150	Vertical	Pass
6**	11739.725	41.08	1.70	54.0	-12.92	AV	76.00	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	1165.000	39.93	-18.41	74.0	-34.07	Peak	302.00	150	Horizontal	Pass
1**	1165.000	27.67	-18.41	54.0	-26.33	AV	302.00	150	Horizontal	Pass
2	1498.700	39.09	-17.79	74.0	-34.91	Peak	0.00	150	Horizontal	Pass
2**	1498.700	28.04	-17.79	54.0	-25.96	AV	0.00	150	Horizontal	Pass
3	3773.800	47.16	-5.91	74.0	-26.84	Peak	301.00	150	Horizontal	Pass
3**	3773.800	37.38	-5.91	54.0	-16.62	AV	301.00	150	Horizontal	Pass
4	5298.600	108.17	-3.35	--	-141.83	Peak	250.00	150	Horizontal	N/A
4**	5298.600	99.75	-3.35	--	99.75	AV	250.00	150	Horizontal	N/A
5	7551.712	47.14	-1.57	74.0	-26.86	Peak	26.00	150	Horizontal	Pass
5**	7551.712	38.78	-1.57	54.0	-15.22	AV	26.00	150	Horizontal	Pass
6	12332.262	50.74	2.13	74.0	-23.26	Peak	39.00	150	Horizontal	Pass
6**	12332.262	41.20	2.13	54.0	-12.80	AV	39.00	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	1199.000	43.07	-18.17	74.0	-30.93	Peak	212.00	150	Vertical	Pass
1**	1199.000	31.13	-18.17	54.0	-22.87	AV	212.00	150	Vertical	Pass
2	2335.800	45.00	-12.76	74.0	-29.00	Peak	138.00	150	Vertical	Pass
2**	2335.800	33.22	-12.76	54.0	-20.78	AV	138.00	150	Vertical	Pass
3	4275.800	48.81	-4.77	74.0	-25.19	Peak	277.00	150	Vertical	Pass
3**	4275.800	39.80	-4.77	54.0	-14.20	AV	277.00	150	Vertical	Pass
4	5298.200	98.44	-3.37	--	97.44	Peak	1.00	150	Vertical	N/A
4**	5298.200	90.71	-3.37	--	90.71	AV	1.00	150	Vertical	N/A
5	7469.775	48.18	-2.04	74.0	-25.82	Peak	13.00	150	Vertical	Pass
5**	7469.775	37.67	-2.04	54.0	-16.33	AV	13.00	150	Vertical	Pass
6	12203.175	50.32	2.56	74.0	-23.68	Peak	314.00	150	Vertical	Pass
6**	12203.175	42.35	2.56	54.0	-11.65	AV	314.00	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	1198.800	40.23	-18.18	74.0	-33.77	Peak	119.00	150	Horizontal	Pass
1**	1198.800	31.83	-18.18	54.0	-22.17	AV	119.00	150	Horizontal	Pass
2	2758.200	43.81	-10.96	74.0	-30.19	Peak	133.00	150	Horizontal	Pass
2**	2758.200	34.70	-10.96	54.0	-19.30	AV	133.00	150	Horizontal	Pass
3	3998.800	47.91	-5.63	74.0	-26.09	Peak	168.00	150	Horizontal	Pass
3**	3998.800	39.39	-5.63	54.0	-14.61	AV	168.00	150	Horizontal	Pass
4	5317.800	106.84	-3.24	--	-132.16	Peak	239.00	150	Horizontal	N/A
4**	5317.800	99.07	-3.24	--	99.07	AV	239.00	150	Horizontal	N/A
5	7460.000	47.74	-2.16	74.0	-26.26	Peak	11.00	150	Horizontal	Pass
5**	7460.000	37.45	-2.16	54.0	-16.55	AV	11.00	150	Horizontal	Pass
6	12225.887	51.80	2.61	74.0	-22.20	Peak	66.00	150	Horizontal	Pass
6**	12225.887	42.16	2.61	54.0	-11.84	AV	66.00	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	1155.000	42.83	-18.38	74.0	-31.17	Peak	187.00	150	Vertical	Pass
1**	1155.000	28.24	-18.38	54.0	-25.76	AV	187.00	150	Vertical	Pass
2	2798.400	44.52	-11.14	74.0	-29.48	Peak	227.00	150	Vertical	Pass
2**	2798.400	36.18	-11.14	54.0	-17.82	AV	227.00	150	Vertical	Pass
3	4131.800	47.66	-5.66	74.0	-26.34	Peak	264.00	150	Vertical	Pass
3**	4131.800	39.06	-5.66	54.0	-14.94	AV	264.00	150	Vertical	Pass
4	5318.400	97.02	-3.27	--	76.02	Peak	21.00	150	Vertical	N/A
4**	5318.400	89.65	-3.27	--	89.65	AV	21.00	150	Vertical	N/A
5	7486.162	47.47	-1.87	74.0	-26.53	Peak	189.00	150	Vertical	Pass
5**	7486.162	38.90	-1.87	54.0	-15.10	AV	189.00	150	Vertical	Pass
6	12258.950	50.33	2.59	74.0	-23.67	Peak	304.00	150	Vertical	Pass
6**	12258.950	41.19	2.59	54.0	-12.81	AV	304.00	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	1182.100	40.93	-18.34	74.0	-33.07	Peak	234.00	150	Horizontal	Pass
1**	1182.100	27.79	-18.34	54.0	-26.21	AV	234.00	150	Horizontal	Pass
2	2254.500	42.43	-13.20	74.0	-31.57	Peak	94.00	150	Horizontal	Pass
2**	2254.500	33.26	-13.20	54.0	-20.74	AV	94.00	150	Horizontal	Pass
3	3964.600	47.58	-5.28	74.0	-26.42	Peak	54.00	150	Horizontal	Pass
3**	3964.600	38.13	-5.28	54.0	-15.87	AV	54.00	150	Horizontal	Pass
4	5266.200	104.39	-3.75	--	-134.61	Peak	239.00	150	Horizontal	N/A
4**	5266.200	96.77	-3.75	--	96.77	AV	239.00	150	Horizontal	N/A
5	7542.800	47.27	-1.63	74.0	-26.73	Peak	261.00	150	Horizontal	Pass
5**	7542.800	38.19	-1.63	54.0	-15.81	AV	261.00	150	Horizontal	Pass
6	12199.437	50.67	2.55	74.0	-23.33	Peak	28.00	150	Horizontal	Pass
6**	12199.437	42.19	2.55	54.0	-11.81	AV	28.00	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	1176.200	44.11	-18.48	74.0	-29.89	Peak	150.00	150	Vertical	Pass
1**	1176.200	32.53	-18.48	54.0	-21.47	AV	150.00	150	Vertical	Pass
2	2238.400	43.81	-13.41	74.0	-30.19	Peak	150.00	150	Vertical	Pass
2**	2238.400	32.96	-13.41	54.0	-21.04	AV	150.00	150	Vertical	Pass
3	4274.400	48.78	-4.76	74.0	-25.22	Peak	81.00	150	Vertical	Pass
3**	4274.400	39.91	-4.76	54.0	-14.09	AV	81.00	150	Vertical	Pass
4	5266.200	95.19	-3.75	--	-13.81	Peak	109.00	150	Vertical	N/A
4**	5266.200	86.82	-3.75	--	86.82	AV	109.00	150	Vertical	N/A
5	7475.237	47.63	-1.96	74.0	-26.37	Peak	77.00	150	Vertical	Pass
5**	7475.237	38.11	-1.96	54.0	-15.89	AV	77.00	150	Vertical	Pass
6	12231.063	50.94	2.62	74.0	-23.06	Peak	33.00	150	Vertical	Pass
6**	12231.063	41.24	2.62	54.0	-12.76	AV	33.00	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	1163.400	40.86	-18.40	74.0	-33.14	Peak	55.00	150	Horizontal	Pass
1**	1163.400	28.28	-18.40	54.0	-25.72	AV	55.00	150	Horizontal	Pass
2	2788.000	44.19	-11.06	74.0	-29.81	Peak	304.00	150	Horizontal	Pass
2**	2788.000	34.50	-11.06	54.0	-19.50	AV	304.00	150	Horizontal	Pass
3	4284.000	48.90	-4.67	74.0	-25.10	Peak	87.00	150	Horizontal	Pass
3**	4284.000	39.75	-4.67	54.0	-14.25	AV	87.00	150	Horizontal	Pass
4	5306.600	105.23	-3.33	--	-145.77	Peak	251.00	150	Horizontal	N/A
4**	5306.600	97.29	-3.33	--	97.29	AV	251.00	150	Horizontal	N/A
5	7557.750	47.35	-1.67	74.0	-26.65	Peak	77.00	150	Horizontal	Pass
5**	7557.750	38.30	-1.67	54.0	-15.70	AV	77.00	150	Horizontal	Pass
6	11639.675	50.94	2.44	74.0	-23.06	Peak	153.00	150	Horizontal	Pass
6**	11639.675	41.40	2.44	54.0	-12.60	AV	153.00	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	1166.400	44.97	-18.51	74.0	-29.03	Peak	155.00	150	Vertical	Pass
1**	1166.400	29.38	-18.51	54.0	-24.62	AV	155.00	150	Vertical	Pass
2	2793.600	45.82	-11.20	74.0	-28.18	Peak	93.00	150	Vertical	Pass
2**	2793.600	34.93	-11.20	54.0	-19.07	AV	93.00	150	Vertical	Pass
3	4040.800	47.30	-5.38	74.0	-26.70	Peak	262.00	150	Vertical	Pass
3**	4040.800	38.00	-5.38	54.0	-16.00	AV	262.00	150	Vertical	Pass
4	5307.400	95.49	-3.30	--	83.49	Peak	12.00	150	Vertical	N/A
4**	5307.400	88.35	-3.30	--	88.35	AV	12.00	150	Vertical	N/A
5	7537.625	47.48	-1.70	74.0	-26.52	Peak	271.00	150	Vertical	Pass
5**	7537.625	38.69	-1.70	54.0	-15.31	AV	271.00	150	Vertical	Pass
6	11609.487	50.67	2.11	74.0	-23.33	Peak	317.00	150	Vertical	Pass
6**	11609.487	39.96	2.11	54.0	-14.04	AV	317.00	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	1171.500	40.53	-18.49	74.0	-33.47	Peak	104.00	150	Horizontal	Pass
1**	1171.500	27.67	-18.49	54.0	-26.33	AV	104.00	150	Horizontal	Pass
2	2794.800	44.56	-11.21	74.0	-29.44	Peak	40.00	150	Horizontal	Pass
2**	2794.800	34.08	-11.21	54.0	-19.92	AV	40.00	150	Horizontal	Pass
3	3874.200	46.85	-6.47	74.0	-27.15	Peak	350.00	150	Horizontal	Pass
3**	3874.200	37.26	-6.47	54.0	-16.74	AV	350.00	150	Horizontal	Pass
4	5285.000	101.22	-3.45	--	-144.78	Peak	246.00	150	Horizontal	N/A
4**	5285.000	92.82	-3.45	--	92.82	AV	246.00	150	Horizontal	N/A
5	7546.250	48.59	-1.58	74.0	-25.41	Peak	64.00	150	Horizontal	Pass
5**	7546.250	39.05	-1.58	54.0	-14.95	AV	64.00	150	Horizontal	Pass
6	11892.100	50.58	0.63	74.0	-23.42	Peak	281.00	150	Horizontal	Pass
6**	11892.100	41.10	0.63	54.0	-12.90	AV	281.00	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	1154.100	43.47	-18.42	74.0	-30.53	Peak	154.00	150	Vertical	Pass
1**	1154.100	27.48	-18.42	54.0	-26.52	AV	154.00	150	Vertical	Pass
2	2794.600	46.55	-11.21	74.0	-27.45	Peak	235.00	150	Vertical	Pass
2**	2794.600	34.03	-11.21	54.0	-19.97	AV	235.00	150	Vertical	Pass
3	4195.400	48.63	-5.28	74.0	-25.37	Peak	341.00	150	Vertical	Pass
3**	4195.400	40.34	-5.28	54.0	-13.66	AV	341.00	150	Vertical	Pass
4	5294.800	91.64	-3.36	--	-268.36	Peak	360.00	150	Vertical	N/A
4**	5294.800	84.28	-3.36	--	84.28	AV	360.00	150	Vertical	N/A
5	7510.888	47.72	-1.83	74.0	-26.28	Peak	94.00	150	Vertical	Pass
5**	7510.888	37.86	-1.83	54.0	-16.14	AV	94.00	150	Vertical	Pass
6	12218.412	50.33	2.60	74.0	-23.67	Peak	157.00	150	Vertical	Pass
6**	12218.412	41.44	2.60	54.0	-12.56	AV	157.00	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	1178.700	40.99	-18.41	74.0	-33.01	Peak	235.00	150	Horizontal	Pass
1**	1178.700	27.57	-18.41	54.0	-26.43	AV	235.00	150	Horizontal	Pass
2	2281.300	43.26	-13.02	74.0	-30.74	Peak	247.00	150	Horizontal	Pass
2**	2281.300	32.96	-13.02	54.0	-21.04	AV	247.00	150	Horizontal	Pass
3	4211.800	47.91	-4.93	74.0	-26.09	Peak	28.00	150	Horizontal	Pass
3**	4211.800	38.85	-4.93	54.0	-15.15	AV	28.00	150	Horizontal	Pass
4	5497.200	107.77	-2.80	--	-141.23	Peak	249.00	150	Horizontal	N/A
4**	5497.200	100.43	-2.80	--	100.43	AV	249.00	150	Horizontal	N/A
5	7558.900	48.12	-1.69	74.0	-25.88	Peak	139.00	150	Horizontal	Pass
5**	7558.900	39.07	-1.69	54.0	-14.93	AV	139.00	150	Horizontal	Pass
6	12459.050	50.83	1.35	74.0	-23.17	Peak	150.00	150	Horizontal	Pass
6**	12459.050	40.65	1.35	54.0	-13.35	AV	150.00	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	1132.300	42.53	-18.34	74.0	-31.47	Peak	141.00	150	Vertical	Pass
1**	1132.300	27.55	-18.34	54.0	-26.45	AV	141.00	150	Vertical	Pass
2	2796.800	44.39	-11.13	74.0	-29.61	Peak	188.00	150	Vertical	Pass
2**	2796.800	34.44	-11.13	54.0	-19.56	AV	188.00	150	Vertical	Pass
3	4198.200	48.97	-5.25	74.0	-25.03	Peak	107.00	150	Vertical	Pass
3**	4198.200	39.86	-5.25	54.0	-14.14	AV	107.00	150	Vertical	Pass
4	5501.200	96.71	-2.86	--	-43.29	Peak	140.00	150	Vertical	N/A
4**	5501.200	89.40	-2.86	--	89.40	AV	140.00	150	Vertical	N/A
5	7537.050	47.51	-1.71	74.0	-26.49	Peak	272.00	150	Vertical	Pass
5**	7537.050	38.56	-1.71	54.0	-15.44	AV	272.00	150	Vertical	Pass
6	12211.800	50.59	2.58	74.0	-23.41	Peak	99.00	150	Vertical	Pass
6**	12211.800	41.42	2.58	54.0	-12.58	AV	99.00	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	1173.700	40.09	-18.45	74.0	-33.91	Peak	240.00	150	Horizontal	Pass
1**	1173.700	29.07	-18.45	54.0	-24.93	AV	240.00	150	Horizontal	Pass
2	2735.600	43.99	-10.77	74.0	-30.01	Peak	170.00	150	Horizontal	Pass
2**	2735.600	34.66	-10.77	54.0	-19.34	AV	170.00	150	Horizontal	Pass
3	4213.800	48.94	-4.89	74.0	-25.06	Peak	223.00	150	Horizontal	Pass
3**	4213.800	38.29	-4.89	54.0	-15.71	AV	223.00	150	Horizontal	Pass
4	5577.600	107.75	-3.15	--	-131.25	Peak	239.00	150	Horizontal	N/A
4**	5577.600	100.25	-3.15	--	100.25	AV	239.00	150	Horizontal	N/A
5	7549.412	47.07	-1.60	74.0	-26.93	Peak	360.00	150	Horizontal	Pass
5**	7549.412	38.58	-1.60	54.0	-15.42	AV	360.00	150	Horizontal	Pass
6	12214.674	50.56	2.59	74.0	-23.44	Peak	56.00	150	Horizontal	Pass
6**	12214.674	41.47	2.59	54.0	-12.53	AV	56.00	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	1199.200	42.46	-18.17	74.0	-31.54	Peak	163.00	150	Vertical	Pass
1**	1199.200	31.84	-18.17	54.0	-22.16	AV	163.00	150	Vertical	Pass
2	2794.500	46.25	-11.22	74.0	-27.75	Peak	111.00	150	Vertical	Pass
2**	2794.500	33.83	-11.22	54.0	-20.17	AV	111.00	150	Vertical	Pass
3	3964.400	47.96	-5.29	74.0	-26.04	Peak	176.00	150	Vertical	Pass
3**	3964.400	39.17	-5.29	54.0	-14.83	AV	176.00	150	Vertical	Pass
4	5578.000	97.11	-3.14	--	-0.89	Peak	98.00	150	Vertical	N/A
4**	5578.000	88.10	-3.14	--	88.10	AV	98.00	150	Vertical	N/A
5	7512.900	47.48	-1.76	74.0	-26.52	Peak	354.00	150	Vertical	Pass
5**	7512.900	37.68	-1.76	54.0	-16.32	AV	354.00	150	Vertical	Pass
6	12192.538	50.60	2.45	74.0	-23.40	Peak	344.00	150	Vertical	Pass
6**	12192.538	42.10	2.45	54.0	-11.90	AV	344.00	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	1186.100	40.45	-18.27	74.0	-33.55	Peak	238.00	150	Horizontal	Pass
1**	1186.100	29.74	-18.27	54.0	-24.26	AV	238.00	150	Horizontal	Pass
2	2248.500	42.54	-13.13	74.0	-31.46	Peak	171.00	150	Horizontal	Pass
2**	2248.500	32.47	-13.13	54.0	-21.53	AV	171.00	150	Horizontal	Pass
3	4273.600	48.69	-4.76	74.0	-25.31	Peak	335.00	150	Horizontal	Pass
3**	4273.600	39.06	-4.76	54.0	-14.94	AV	335.00	150	Horizontal	Pass
4	5701.600	108.41	-3.89	--	-131.59	Peak	240.00	150	Horizontal	N/A
4**	5701.600	100.75	-3.89	--	100.75	AV	240.00	150	Horizontal	N/A
5	7547.400	47.47	-1.58	74.0	-26.53	Peak	129.00	150	Horizontal	Pass
5**	7547.400	38.63	-1.58	54.0	-15.37	AV	129.00	150	Horizontal	Pass
6	11733.687	50.37	1.79	74.0	-23.63	Peak	360.00	150	Horizontal	Pass
6**	11733.687	40.88	1.79	54.0	-13.12	AV	360.00	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	1169.100	41.59	-18.41	74.0	-32.41	Peak	152.00	150	Vertical	Pass
1**	1169.100	29.91	-18.41	54.0	-24.09	AV	152.00	150	Vertical	Pass
2	2793.300	45.04	-11.19	74.0	-28.96	Peak	184.00	150	Vertical	Pass
2**	2793.300	34.34	-11.19	54.0	-19.66	AV	184.00	150	Vertical	Pass
3	4313.600	48.38	-5.02	74.0	-25.62	Peak	67.00	150	Vertical	Pass
3**	4313.600	40.05	-5.02	54.0	-13.95	AV	67.00	150	Vertical	Pass
4	5700.800	100.46	-3.91	--	-147.54	Peak	248.00	150	Vertical	N/A
4**	5700.800	92.73	-3.91	--	92.73	AV	248.00	150	Vertical	N/A
5	7554.013	47.04	-1.56	74.0	-26.96	Peak	262.00	150	Vertical	Pass
5**	7554.013	38.40	-1.56	54.0	-15.60	AV	262.00	150	Vertical	Pass
6	11706.662	50.68	2.20	74.0	-23.32	Peak	272.00	150	Vertical	Pass
6**	11706.662	41.58	2.20	54.0	-12.42	AV	272.00	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	1201.500	40.49	-18.14	74.0	-33.51	Peak	27.00	150	Horizontal	Pass
1**	1201.500	31.70	-18.14	54.0	-22.30	AV	27.00	150	Horizontal	Pass
2	2790.100	44.78	-11.09	74.0	-29.22	Peak	69.00	150	Horizontal	Pass
2**	2790.100	34.62	-11.09	54.0	-19.38	AV	69.00	150	Horizontal	Pass
3	4891.800	50.01	-3.69	74.0	-23.99	Peak	284.00	150	Horizontal	Pass
3**	4891.800	41.35	-3.69	54.0	-12.65	AV	284.00	150	Horizontal	Pass
4	5502.800	106.12	-2.92	--	-143.88	Peak	250.00	150	Horizontal	N/A
4**	5502.800	98.15	-2.92	--	98.15	AV	250.00	150	Horizontal	N/A
5	7515.200	47.06	-1.68	74.0	-26.94	Peak	353.00	150	Horizontal	Pass
5**	7515.200	38.09	-1.68	54.0	-15.91	AV	353.00	150	Horizontal	Pass
6	11666.413	50.74	2.49	74.0	-23.26	Peak	27.00	150	Horizontal	Pass
6**	11666.413	41.57	2.49	54.0	-12.43	AV	27.00	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	1186.800	43.85	-18.29	74.0	-30.15	Peak	194.00	150	Vertical	Pass
1**	1186.800	29.09	-18.29	54.0	-24.91	AV	194.00	150	Vertical	Pass
2	2338.900	45.31	-12.76	74.0	-28.69	Peak	147.00	150	Vertical	Pass
2**	2338.900	32.85	-12.76	54.0	-21.15	AV	147.00	150	Vertical	Pass
3	4292.000	48.47	-4.76	74.0	-25.53	Peak	138.00	150	Vertical	Pass
3**	4292.000	38.47	-4.76	54.0	-15.53	AV	138.00	150	Vertical	Pass
4	5498.800	95.65	-2.82	--	-42.35	Peak	138.00	150	Vertical	N/A
4**	5498.800	87.45	-2.82	--	87.45	AV	138.00	150	Vertical	N/A
5	7477.250	47.22	-1.96	74.0	-26.78	Peak	130.00	150	Vertical	Pass
5**	7477.250	38.61	-1.96	54.0	-15.39	AV	130.00	150	Vertical	Pass
6	12209.787	50.33	2.58	74.0	-23.67	Peak	201.00	150	Vertical	Pass
6**	12209.787	41.77	2.58	54.0	-12.23	AV	201.00	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	1184.900	40.98	-18.26	74.0	-33.02	Peak	235.00	150	Horizontal	Pass
1**	1184.900	28.75	-18.26	54.0	-25.25	AV	235.00	150	Horizontal	Pass
2	2731.500	43.22	-10.70	74.0	-30.78	Peak	318.00	150	Horizontal	Pass
2**	2731.500	33.79	-10.70	54.0	-20.21	AV	318.00	150	Horizontal	Pass
3	5062.000	51.33	-2.86	74.0	-22.67	Peak	267.00	150	Horizontal	Pass
3**	5062.000	41.25	-2.86	54.0	-12.75	AV	267.00	150	Horizontal	Pass
4	5578.800	106.34	-3.16	--	-152.66	Peak	259.00	150	Horizontal	N/A
4**	5578.800	98.86	-3.16	--	98.86	AV	259.00	150	Horizontal	N/A
5	7553.438	48.03	-1.56	74.0	-25.97	Peak	303.00	150	Horizontal	Pass
5**	7553.438	38.63	-1.56	54.0	-15.37	AV	303.00	150	Horizontal	Pass
6	11687.400	50.57	2.41	74.0	-23.43	Peak	49.00	150	Horizontal	Pass
6**	11687.400	41.21	2.41	54.0	-12.79	AV	49.00	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	1152.300	42.23	-18.32	74.0	-31.77	Peak	156.00	150	Vertical	Pass
1**	1152.300	29.39	-18.32	54.0	-24.61	AV	156.00	150	Vertical	Pass
2	2230.800	44.64	-13.37	74.0	-29.36	Peak	140.00	150	Vertical	Pass
2**	2230.800	32.65	-13.37	54.0	-21.35	AV	140.00	150	Vertical	Pass
3	4286.800	48.28	-4.74	74.0	-25.72	Peak	268.00	150	Vertical	Pass
3**	4286.800	39.22	-4.74	54.0	-14.78	AV	268.00	150	Vertical	Pass
4	5581.000	95.81	-3.23	--	-189.19	Peak	285.00	150	Vertical	N/A
4**	5581.000	87.98	-3.23	--	87.98	AV	285.00	150	Vertical	N/A
5	7576.437	46.89	-2.14	74.0	-27.11	Peak	313.00	150	Vertical	Pass
5**	7576.437	37.95	-2.14	54.0	-16.05	AV	313.00	150	Vertical	Pass
6	12457.612	50.61	1.35	74.0	-23.39	Peak	224.00	150	Vertical	Pass
6**	12457.612	41.40	1.35	54.0	-12.60	AV	224.00	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	1167.000	39.96	-18.51	74.0	-34.04	Peak	132.00	150	Horizontal	Pass
1**	1167.000	27.63	-18.51	54.0	-26.37	AV	132.00	150	Horizontal	Pass
2	2245.600	42.38	-13.20	74.0	-31.62	Peak	132.00	150	Horizontal	Pass
2**	2245.600	32.34	-13.20	54.0	-21.66	AV	132.00	150	Horizontal	Pass
3	4201.000	48.29	-5.24	74.0	-25.71	Peak	233.00	150	Horizontal	Pass
3**	4201.000	37.96	-5.24	54.0	-16.04	AV	233.00	150	Horizontal	Pass
4	5701.000	107.70	-3.90	--	-153.30	Peak	261.00	150	Horizontal	N/A
4**	5701.000	99.93	-3.90	--	99.93	AV	261.00	150	Horizontal	N/A
5	7530.725	47.43	-1.64	74.0	-26.57	Peak	218.00	150	Horizontal	Pass
5**	7530.725	38.79	-1.64	54.0	-15.21	AV	218.00	150	Horizontal	Pass
6	11709.250	50.61	2.16	74.0	-23.39	Peak	93.00	150	Horizontal	Pass
6**	11709.250	41.68	2.16	54.0	-12.32	AV	93.00	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	1173.600	43.04	-18.45	74.0	-30.96	Peak	156.00	150	Vertical	Pass
1**	1173.600	28.17	-18.45	54.0	-25.83	AV	156.00	150	Vertical	Pass
2	1548.200	40.69	-17.72	74.0	-33.31	Peak	165.00	150	Vertical	Pass
2**	1548.200	28.75	-17.72	54.0	-25.25	AV	165.00	150	Vertical	Pass
3	2742.000	45.24	-10.70	74.0	-28.76	Peak	355.00	150	Vertical	Pass
3**	2742.000	34.10	-10.70	54.0	-19.90	AV	355.00	150	Vertical	Pass
4	5698.200	100.46	-3.93	--	-165.54	Peak	266.00	150	Vertical	N/A
4**	5698.200	92.04	-3.93	--	92.04	AV	266.00	150	Vertical	N/A
5	7509.162	47.25	-1.85	74.0	-26.75	Peak	140.00	150	Vertical	Pass
5**	7509.162	38.30	-1.85	54.0	-15.70	AV	140.00	150	Vertical	Pass
6	12346.925	50.59	2.06	74.0	-23.41	Peak	59.00	150	Vertical	Pass
6**	12346.925	41.05	2.06	54.0	-12.95	AV	59.00	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	1200.100	40.42	-18.16	74.0	-33.58	Peak	29.00	150	Horizontal	Pass
1**	1200.100	31.51	-18.16	54.0	-22.49	AV	29.00	150	Horizontal	Pass
2	2808.800	43.83	-10.87	74.0	-30.17	Peak	244.00	150	Horizontal	Pass
2**	2808.800	34.36	-10.87	54.0	-19.64	AV	244.00	150	Horizontal	Pass
3	3951.000	47.11	-6.09	74.0	-26.89	Peak	108.00	150	Horizontal	Pass
3**	3951.000	37.94	-6.09	54.0	-16.06	AV	108.00	150	Horizontal	Pass
4	5513.400	103.52	-2.96	--	-130.48	Peak	234.00	150	Horizontal	N/A
4**	5513.400	96.45	-2.96	--	96.45	AV	234.00	150	Horizontal	N/A
5	7512.037	47.01	-1.80	74.0	-26.99	Peak	258.00	150	Horizontal	Pass
5**	7512.037	38.27	-1.80	54.0	-15.73	AV	258.00	150	Horizontal	Pass
6	11675.900	49.98	2.45	74.0	-24.02	Peak	97.00	150	Horizontal	Pass
6**	11675.900	40.45	2.45	54.0	-13.55	AV	97.00	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	1163.400	41.00	-18.40	74.0	-33.00	Peak	188.00	150	Vertical	Pass
1**	1163.400	28.85	-18.40	54.0	-25.15	AV	188.00	150	Vertical	Pass
2	2791.800	45.82	-11.14	74.0	-28.18	Peak	239.00	150	Vertical	Pass
2**	2791.800	34.52	-11.14	54.0	-19.48	AV	239.00	150	Vertical	Pass
3	4657.800	49.12	-4.30	74.0	-24.88	Peak	136.00	150	Vertical	Pass
3**	4657.800	39.20	-4.30	54.0	-14.80	AV	136.00	150	Vertical	Pass
4	5508.200	93.20	-2.96	--	-52.80	Peak	146.00	150	Vertical	N/A
4**	5508.200	85.11	-2.96	--	85.11	AV	146.00	150	Vertical	N/A
5	7559.187	47.45	-1.71	74.0	-26.55	Peak	81.00	150	Vertical	Pass
5**	7559.187	38.19	-1.71	54.0	-15.81	AV	81.00	150	Vertical	Pass
6	11656.350	49.63	2.53	74.0	-24.37	Peak	353.00	150	Vertical	Pass
6**	11656.350	40.55	2.53	54.0	-13.45	AV	353.00	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	1196.900	42.17	-18.19	74.0	-31.83	Peak	39.00	150	Horizontal	Pass
1**	1196.900	31.91	-18.19	54.0	-22.09	AV	39.00	150	Horizontal	Pass
2	2799.800	43.93	-11.13	74.0	-30.07	Peak	266.00	150	Horizontal	Pass
2**	2799.800	33.54	-11.13	54.0	-20.46	AV	266.00	150	Horizontal	Pass
3	4219.600	47.87	-4.76	74.0	-26.13	Peak	343.00	150	Horizontal	Pass
3**	4219.600	38.03	-4.76	54.0	-15.97	AV	343.00	150	Horizontal	Pass
4	5587.600	102.88	-3.23	--	-134.12	Peak	237.00	150	Horizontal	N/A
4**	5587.600	95.78	-3.23	--	95.78	AV	237.00	150	Horizontal	N/A
5	7436.137	47.81	-2.32	74.0	-26.19	Peak	106.00	150	Horizontal	Pass
5**	7436.137	37.69	-2.32	54.0	-16.31	AV	106.00	150	Horizontal	Pass
6	11721.037	49.94	1.98	74.0	-24.06	Peak	31.00	150	Horizontal	Pass
6**	11721.037	40.60	1.98	54.0	-13.40	AV	31.00	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	1184.100	43.21	-18.27	74.0	-30.79	Peak	202.00	150	Vertical	Pass
1**	1184.100	27.82	-18.27	54.0	-26.18	AV	202.00	150	Vertical	Pass
2	2331.800	45.24	-12.79	74.0	-28.76	Peak	148.00	150	Vertical	Pass
2**	2331.800	32.08	-12.79	54.0	-21.92	AV	148.00	150	Vertical	Pass
3	3985.000	47.41	-5.96	74.0	-26.59	Peak	106.00	150	Vertical	Pass
3**	3985.000	38.51	-5.96	54.0	-15.49	AV	106.00	150	Vertical	Pass
4	5591.600	93.80	-3.26	--	-189.20	Peak	283.00	150	Vertical	N/A
4**	5591.600	85.53	-3.26	--	85.53	AV	283.00	150	Vertical	N/A
5	7537.913	48.04	-1.69	74.0	-25.96	Peak	317.00	150	Vertical	Pass
5**	7537.913	38.33	-1.69	54.0	-15.67	AV	317.00	150	Vertical	Pass
6	12260.675	50.81	2.57	74.0	-23.19	Peak	16.00	150	Vertical	Pass
6**	12260.675	40.53	2.57	54.0	-13.47	AV	16.00	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	1197.500	39.53	-18.18	74.0	-34.47	Peak	116.00	150	Horizontal	Pass
1**	1197.500	31.66	-18.18	54.0	-22.34	AV	116.00	150	Horizontal	Pass
2	2727.900	43.60	-10.70	74.0	-30.40	Peak	41.00	150	Horizontal	Pass
2**	2727.900	33.61	-10.70	54.0	-20.39	AV	41.00	150	Horizontal	Pass
3	4244.400	47.90	-4.87	74.0	-26.10	Peak	59.00	150	Horizontal	Pass
3**	4244.400	39.07	-4.87	54.0	-14.93	AV	59.00	150	Horizontal	Pass
4	5674.600	103.57	-3.75	--	-141.43	Peak	245.00	150	Horizontal	N/A
4**	5674.600	96.31	-3.75	--	96.31	AV	245.00	150	Horizontal	N/A
5	7503.987	47.28	-1.86	74.0	-26.72	Peak	78.00	150	Horizontal	Pass
5**	7503.987	38.39	-1.86	54.0	-15.61	AV	78.00	150	Horizontal	Pass
6	11692.575	49.82	2.36	74.0	-24.18	Peak	328.00	150	Horizontal	Pass
6**	11692.575	40.29	2.36	54.0	-13.71	AV	328.00	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	1176.800	43.07	-18.47	74.0	-30.93	Peak	152.00	150	Vertical	Pass
1**	1176.800	32.51	-18.47	54.0	-21.49	AV	152.00	150	Vertical	Pass
2	1525.400	39.07	-17.73	74.0	-34.93	Peak	152.00	150	Vertical	Pass
2**	1525.400	28.74	-17.73	54.0	-25.26	AV	152.00	150	Vertical	Pass
3	4651.600	49.62	-4.16	74.0	-24.38	Peak	146.00	150	Vertical	Pass
3**	4651.600	38.72	-4.16	54.0	-15.28	AV	146.00	150	Vertical	Pass
4	5671.600	95.02	-3.72	--	-163.98	Peak	259.00	150	Vertical	N/A
4**	5671.600	87.28	-3.72	--	87.28	AV	259.00	150	Vertical	N/A
5	7526.700	47.62	-1.59	74.0	-26.38	Peak	52.00	150	Vertical	Pass
5**	7526.700	39.37	-1.59	54.0	-14.63	AV	52.00	150	Vertical	Pass
6	11700.050	50.37	2.30	74.0	-23.63	Peak	360.00	150	Vertical	Pass
6**	11700.050	40.35	2.30	54.0	-13.65	AV	360.00	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	1185.100	41.16	-18.26	74.0	-32.84	Peak	300.00	150	Horizontal	Pass
1**	1185.100	29.34	-18.26	54.0	-24.66	AV	300.00	150	Horizontal	Pass
2	2789.900	44.07	-11.09	74.0	-29.93	Peak	55.00	150	Horizontal	Pass
2**	2789.900	35.11	-11.09	54.0	-18.89	AV	55.00	150	Horizontal	Pass
3	4830.000	48.91	-3.63	74.0	-25.09	Peak	62.00	150	Horizontal	Pass
3**	4830.000	38.67	-3.63	54.0	-15.33	AV	62.00	150	Horizontal	Pass
4	5498.400	105.52	-2.82	--	-114.48	Peak	220.00	150	Horizontal	N/A
4**	5498.400	97.94	-2.82	--	97.94	AV	220.00	150	Horizontal	N/A
5	7546.825	47.32	-1.58	74.0	-26.68	Peak	96.00	150	Horizontal	Pass
5**	7546.825	38.33	-1.58	54.0	-15.67	AV	96.00	150	Horizontal	Pass
6	11710.975	49.92	2.14	74.0	-24.08	Peak	244.00	150	Horizontal	Pass
6**	11710.975	40.36	2.14	54.0	-13.64	AV	244.00	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	1161.800	43.00	-18.40	74.0	-31.00	Peak	188.00	150	Vertical	Pass
1**	1161.800	31.53	-18.40	54.0	-22.47	AV	188.00	150	Vertical	Pass
2	1517.300	39.28	-17.74	74.0	-34.72	Peak	163.00	150	Vertical	Pass
2**	1517.300	28.40	-17.74	54.0	-25.60	AV	163.00	150	Vertical	Pass
3	4225.400	48.03	-4.83	74.0	-25.97	Peak	73.00	150	Vertical	Pass
3**	4225.400	37.59	-4.83	54.0	-16.41	AV	73.00	150	Vertical	Pass
4	5500.800	95.22	-2.85	--	-40.78	Peak	136.00	150	Vertical	N/A
4**	5500.800	87.78	-2.85	--	87.78	AV	136.00	150	Vertical	N/A
5	7455.975	47.78	-2.20	74.0	-26.22	Peak	233.00	150	Vertical	Pass
5**	7455.975	37.79	-2.20	54.0	-16.21	AV	233.00	150	Vertical	Pass
6	12217.263	51.06	2.59	74.0	-22.94	Peak	65.00	150	Vertical	Pass
6**	12217.263	41.27	2.59	54.0	-12.73	AV	65.00	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	1174.000	39.68	-18.46	74.0	-34.32	Peak	229.00	150	Horizontal	Pass
1**	1174.000	29.71	-18.46	54.0	-24.29	AV	229.00	150	Horizontal	Pass
2	1514.600	38.62	-17.78	74.0	-35.38	Peak	101.00	150	Horizontal	Pass
2**	1514.600	29.83	-17.78	54.0	-24.17	AV	101.00	150	Horizontal	Pass
3	4825.600	48.30	-3.62	74.0	-25.70	Peak	360.00	150	Horizontal	Pass
3**	4825.600	39.41	-3.62	54.0	-14.59	AV	360.00	150	Horizontal	Pass
4	5578.600	105.87	-3.15	--	-148.13	Peak	254.00	150	Horizontal	N/A
4**	5578.600	99.13	-3.15	--	99.13	AV	254.00	150	Horizontal	N/A
5	7491.625	47.65	-1.84	74.0	-26.35	Peak	153.00	150	Horizontal	Pass
5**	7491.625	38.08	-1.84	54.0	-15.92	AV	153.00	150	Horizontal	Pass
6	12309.550	50.30	2.25	74.0	-23.70	Peak	111.00	150	Horizontal	Pass
6**	12309.550	39.88	2.25	54.0	-14.12	AV	111.00	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	1164.500	40.85	-18.38	74.0	-33.15	Peak	159.00	150	Vertical	Pass
1**	1164.500	28.91	-18.38	54.0	-25.09	AV	159.00	150	Vertical	Pass
2	2735.100	44.83	-10.78	74.0	-29.17	Peak	352.00	150	Vertical	Pass
2**	2735.100	34.73	-10.78	54.0	-19.27	AV	352.00	150	Vertical	Pass
3	4036.800	47.08	-5.32	74.0	-26.92	Peak	289.00	150	Vertical	Pass
3**	4036.800	37.35	-5.32	54.0	-16.65	AV	289.00	150	Vertical	Pass
4	5577.600	94.24	-3.15	--	0.24	Peak	94.00	150	Vertical	N/A
4**	5577.600	86.68	-3.15	--	86.68	AV	94.00	150	Vertical	N/A
5	7518.938	47.85	-1.68	74.0	-26.15	Peak	125.00	150	Vertical	Pass
5**	7518.938	37.87	-1.68	54.0	-16.13	AV	125.00	150	Vertical	Pass
6	12256.362	50.33	2.61	74.0	-23.67	Peak	125.00	150	Vertical	Pass
6**	12256.362	40.62	2.61	54.0	-13.38	AV	125.00	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	1156.700	38.92	-18.34	74.0	-35.08	Peak	46.00	150	Horizontal	Pass
1**	1156.700	28.15	-18.34	54.0	-25.85	AV	46.00	150	Horizontal	Pass
2	2344.100	42.60	-12.79	74.0	-31.40	Peak	206.00	150	Horizontal	Pass
2**	2344.100	32.70	-12.79	54.0	-21.30	AV	206.00	150	Horizontal	Pass
3	4239.000	47.77	-5.10	74.0	-26.23	Peak	60.00	150	Horizontal	Pass
3**	4239.000	38.16	-5.10	54.0	-15.84	AV	60.00	150	Horizontal	Pass
4	5701.200	106.52	-3.90	--	-145.48	Peak	252.00	150	Horizontal	N/A
4**	5701.200	99.40	-3.90	--	99.40	AV	252.00	150	Horizontal	N/A
5	7477.825	47.34	-1.96	74.0	-26.66	Peak	318.00	150	Horizontal	Pass
5**	7477.825	37.69	-1.96	54.0	-16.31	AV	318.00	150	Horizontal	Pass
6	11638.237	49.52	2.43	74.0	-24.48	Peak	258.00	150	Horizontal	Pass
6**	11638.237	41.01	2.43	54.0	-12.99	AV	258.00	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	1163.000	43.70	-18.41	74.0	-30.30	Peak	173.00	150	Vertical	Pass
1**	1163.000	27.72	-18.41	54.0	-26.28	AV	173.00	150	Vertical	Pass
2	2226.800	43.01	-13.39	74.0	-30.99	Peak	258.00	150	Vertical	Pass
2**	2226.800	32.09	-13.39	54.0	-21.91	AV	258.00	150	Vertical	Pass
3	3778.800	47.25	-5.78	74.0	-26.75	Peak	212.00	150	Vertical	Pass
3**	3778.800	37.12	-5.78	54.0	-16.88	AV	212.00	150	Vertical	Pass
4	5702.600	98.70	-3.88	--	-170.30	Peak	269.00	150	Vertical	N/A
4**	5702.600	91.27	-3.88	--	91.27	AV	269.00	150	Vertical	N/A
5	7542.800	46.84	-1.63	74.0	-27.16	Peak	222.00	150	Vertical	Pass
5**	7542.800	39.05	-1.63	54.0	-14.95	AV	222.00	150	Vertical	Pass
6	11691.425	49.84	2.37	74.0	-24.16	Peak	91.00	150	Vertical	Pass
6**	11691.425	40.20	2.37	54.0	-13.80	AV	91.00	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	1197.900	39.41	-18.18	74.0	-34.59	Peak	301.00	150	Horizontal	Pass
1**	1197.900	31.92	-18.18	54.0	-22.08	AV	301.00	150	Horizontal	Pass
2	2762.100	43.97	-11.11	74.0	-30.03	Peak	301.00	150	Horizontal	Pass
2**	2762.100	33.73	-11.11	54.0	-20.27	AV	301.00	150	Horizontal	Pass
3	4252.600	47.92	-4.72	74.0	-26.08	Peak	102.00	150	Horizontal	Pass
3**	4252.600	39.61	-4.72	54.0	-14.39	AV	102.00	150	Horizontal	Pass
4	5508.000	104.18	-2.97	--	-136.82	Peak	241.00	150	Horizontal	N/A
4**	5508.000	95.81	-2.97	--	95.81	AV	241.00	150	Horizontal	N/A
5	7569.538	47.42	-2.04	74.0	-26.58	Peak	72.00	150	Horizontal	Pass
5**	7569.538	38.14	-2.04	54.0	-15.86	AV	72.00	150	Horizontal	Pass
6	12242.850	50.46	2.65	74.0	-23.54	Peak	72.00	150	Horizontal	Pass
6**	12242.850	41.31	2.65	54.0	-12.69	AV	72.00	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	1196.800	42.24	-18.19	74.0	-31.76	Peak	218.00	150	Vertical	Pass
1**	1196.800	29.48	-18.19	54.0	-24.52	AV	218.00	150	Vertical	Pass
2	2329.300	44.83	-12.81	74.0	-29.17	Peak	47.00	150	Vertical	Pass
2**	2329.300	32.90	-12.81	54.0	-21.10	AV	47.00	150	Vertical	Pass
3	3956.000	47.13	-5.84	74.0	-26.87	Peak	1.00	150	Vertical	Pass
3**	3956.000	37.73	-5.84	54.0	-16.27	AV	1.00	150	Vertical	Pass
4	5506.600	92.56	-2.96	--	-45.44	Peak	138.00	150	Vertical	N/A
4**	5506.600	84.42	-2.96	--	84.42	AV	138.00	150	Vertical	N/A
5	7558.038	47.56	-1.67	74.0	-26.44	Peak	238.00	150	Vertical	Pass
5**	7558.038	38.59	-1.67	54.0	-15.41	AV	238.00	150	Vertical	Pass
6	11635.363	50.36	2.39	74.0	-23.64	Peak	333.00	150	Vertical	Pass
6**	11635.363	41.49	2.39	54.0	-12.51	AV	333.00	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	1184.800	39.98	-18.26	74.0	-34.02	Peak	297.00	150	Horizontal	Pass
1**	1184.800	27.96	-18.26	54.0	-26.04	AV	297.00	150	Horizontal	Pass
2	2743.700	43.52	-10.66	74.0	-30.48	Peak	281.00	150	Horizontal	Pass
2**	2743.700	34.38	-10.66	54.0	-19.62	AV	281.00	150	Horizontal	Pass
3	4826.400	48.34	-3.62	74.0	-25.66	Peak	149.00	150	Horizontal	Pass
3**	4826.400	38.86	-3.62	54.0	-15.14	AV	149.00	150	Horizontal	Pass
4	5587.200	103.55	-3.22	--	-154.45	Peak	258.00	150	Horizontal	N/A
4**	5587.200	96.08	-3.22	--	96.08	AV	258.00	150	Horizontal	N/A
5	7520.950	47.47	-1.60	74.0	-26.53	Peak	0.00	150	Horizontal	Pass
5**	7520.950	38.71	-1.60	54.0	-15.29	AV	0.00	150	Horizontal	Pass
6	11671.875	49.57	2.47	74.0	-24.43	Peak	264.00	150	Horizontal	Pass
6**	11671.875	40.38	2.47	54.0	-13.62	AV	264.00	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	1164.000	43.24	-18.39	74.0	-30.76	Peak	152.00	150	Vertical	Pass
1**	1164.000	28.94	-18.39	54.0	-25.06	AV	152.00	150	Vertical	Pass
2	2793.100	45.12	-11.18	74.0	-28.88	Peak	136.00	150	Vertical	Pass
2**	2793.100	35.10	-11.18	54.0	-18.90	AV	136.00	150	Vertical	Pass
3	4657.800	49.26	-4.30	74.0	-24.74	Peak	153.00	150	Vertical	Pass
3**	4657.800	38.70	-4.30	54.0	-15.30	AV	153.00	150	Vertical	Pass
4	5588.000	93.66	-3.23	--	-188.34	Peak	282.00	150	Vertical	N/A
4**	5588.000	86.78	-3.23	--	86.78	AV	282.00	150	Vertical	N/A
5	7523.250	47.03	-1.61	74.0	-26.97	Peak	171.00	150	Vertical	Pass
5**	7523.250	38.90	-1.61	54.0	-15.10	AV	171.00	150	Vertical	Pass
6	11656.350	49.98	2.53	74.0	-24.02	Peak	252.00	150	Vertical	Pass
6**	11656.350	40.57	2.53	54.0	-13.43	AV	252.00	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	1187.500	40.56	-18.32	74.0	-33.44	Peak	301.00	150	Horizontal	Pass
1**	1187.500	27.63	-18.32	54.0	-26.37	AV	301.00	150	Horizontal	Pass
2	2752.900	43.84	-10.86	74.0	-30.16	Peak	167.00	150	Horizontal	Pass
2**	2752.900	34.65	-10.86	54.0	-19.35	AV	167.00	150	Horizontal	Pass
3	5062.400	48.90	-2.87	74.0	-25.10	Peak	311.00	150	Horizontal	Pass
3**	5062.400	39.40	-2.87	54.0	-14.60	AV	311.00	150	Horizontal	Pass
4	5658.600	102.82	-3.44	--	-156.18	Peak	259.00	150	Horizontal	N/A
4**	5658.600	95.41	-3.44	--	95.41	AV	259.00	150	Horizontal	N/A
5	7493.925	47.05	-1.86	74.0	-26.95	Peak	295.00	150	Horizontal	Pass
5**	7493.925	38.23	-1.86	54.0	-15.77	AV	295.00	150	Horizontal	Pass
6	12272.750	50.13	2.47	74.0	-23.87	Peak	295.00	150	Horizontal	Pass
6**	12272.750	40.34	2.47	54.0	-13.66	AV	295.00	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	1132.800	42.23	-18.34	74.0	-31.77	Peak	144.00	150	Vertical	Pass
1**	1132.800	27.68	-18.34	54.0	-26.32	AV	144.00	150	Vertical	Pass
2	2327.200	44.98	-12.84	74.0	-29.02	Peak	126.00	150	Vertical	Pass
2**	2327.200	33.01	-12.84	54.0	-20.99	AV	126.00	150	Vertical	Pass
3	3810.200	47.33	-6.50	74.0	-26.67	Peak	234.00	150	Vertical	Pass
3**	3810.200	36.82	-6.50	54.0	-17.18	AV	234.00	150	Vertical	Pass
4	5675.800	95.83	-3.79	--	-155.17	Peak	251.00	150	Vertical	N/A
4**	5675.800	86.98	-3.79	--	86.98	AV	251.00	150	Vertical	N/A
5	7466.038	47.20	-2.08	74.0	-26.80	Peak	281.00	150	Vertical	Pass
5**	7466.038	37.91	-2.08	54.0	-16.09	AV	281.00	150	Vertical	Pass
6	11634.500	49.73	2.38	74.0	-24.27	Peak	24.00	150	Vertical	Pass
6**	11634.500	40.82	2.38	54.0	-13.18	AV	24.00	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	1162.000	39.40	-18.40	74.0	-34.60	Peak	116.00	150	Horizontal	Pass
1**	1162.000	26.90	-18.40	54.0	-27.10	AV	116.00	150	Horizontal	Pass
2	2795.900	41.91	-11.16	74.0	-32.09	Peak	230.00	150	Horizontal	Pass
2**	2795.900	32.45	-11.16	54.0	-21.55	AV	230.00	150	Horizontal	Pass
3	4646.000	47.20	-4.27	74.0	-26.80	Peak	91.00	150	Horizontal	Pass
3**	4646.000	36.54	-4.27	54.0	-17.46	AV	91.00	150	Horizontal	Pass
4	5527.000	99.55	-2.97	--	-139.45	Peak	239.00	150	Horizontal	N/A
4**	5527.000	91.15	-2.97	--	91.15	AV	239.00	150	Horizontal	N/A
5	8066.913	48.96	-1.08	74.0	-25.04	Peak	222.00	150	Horizontal	Pass
5**	8066.913	38.52	-1.08	54.0	-15.48	AV	222.00	150	Horizontal	Pass
6	11168.463	48.73	0.46	74.0	-25.27	Peak	212.00	150	Horizontal	Pass
6**	11168.463	39.11	0.46	54.0	-14.89	AV	212.00	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	1161.700	43.40	-18.40	74.0	-30.60	Peak	150.00	150	Vertical	Pass
1**	1161.700	27.23	-18.40	54.0	-26.77	AV	150.00	150	Vertical	Pass
2	2791.100	44.11	-11.12	74.0	-29.89	Peak	222.00	150	Vertical	Pass
2**	2791.100	34.32	-11.12	54.0	-19.68	AV	222.00	150	Vertical	Pass
3	3959.000	46.90	-5.65	74.0	-27.10	Peak	118.00	150	Vertical	Pass
3**	3959.000	38.91	-5.65	54.0	-15.09	AV	118.00	150	Vertical	Pass
4	5536.600	88.45	-2.86	--	-29.55	Peak	118.00	150	Vertical	N/A
4**	5536.600	79.85	-2.86	--	79.85	AV	118.00	150	Vertical	N/A
5	7602.888	47.71	-2.35	74.0	-26.29	Peak	56.00	150	Vertical	Pass
5**	7602.888	37.44	-2.35	54.0	-16.56	AV	56.00	150	Vertical	Pass
6	11691.425	49.33	2.37	74.0	-24.67	Peak	222.00	150	Vertical	Pass
6**	11691.425	40.47	2.37	54.0	-13.53	AV	222.00	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	1199.600	39.23	-18.17	74.0	-34.77	Peak	107.00	150	Horizontal	Pass
1**	1199.600	31.40	-18.17	54.0	-22.60	AV	107.00	150	Horizontal	Pass
2	1517.300	39.02	-17.74	74.0	-34.98	Peak	2.00	150	Horizontal	Pass
2**	1517.300	28.89	-17.74	54.0	-25.11	AV	2.00	150	Horizontal	Pass
3	4120.600	46.81	-5.50	74.0	-27.19	Peak	113.00	150	Horizontal	Pass
3**	4120.600	36.31	-5.50	54.0	-17.69	AV	113.00	150	Horizontal	Pass
4	5630.800	99.50	-3.24	--	-147.50	Peak	247.00	150	Horizontal	N/A
4**	5630.800	89.80	-3.24	--	89.80	AV	247.00	150	Horizontal	N/A
5	7438.150	47.21	-2.34	74.0	-26.79	Peak	108.00	150	Horizontal	Pass
5**	7438.150	38.06	-2.34	54.0	-15.94	AV	108.00	150	Horizontal	Pass
6	12215.250	49.61	2.59	74.0	-24.39	Peak	25.00	150	Horizontal	Pass
6**	12215.250	39.88	2.59	54.0	-14.12	AV	25.00	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	1166.000	42.58	-18.48	74.0	-31.42	Peak	169.00	150	Vertical	Pass
1**	1166.000	29.84	-18.48	54.0	-24.16	AV	169.00	150	Vertical	Pass
2	2790.100	44.62	-11.09	74.0	-29.38	Peak	111.00	150	Vertical	Pass
2**	2790.100	34.02	-11.09	54.0	-19.98	AV	111.00	150	Vertical	Pass
3	4652.200	47.41	-4.17	74.0	-26.59	Peak	150.00	150	Vertical	Pass
3**	4652.200	38.18	-4.17	54.0	-15.82	AV	150.00	150	Vertical	Pass
4	5603.200	88.82	-3.14	--	-196.18	Peak	285.00	150	Vertical	N/A
4**	5603.200	81.99	-3.14	--	81.99	AV	285.00	150	Vertical	N/A
5	7422.913	47.29	-2.12	74.0	-26.71	Peak	67.00	150	Vertical	Pass
5**	7422.913	37.63	-2.12	54.0	-16.37	AV	67.00	150	Vertical	Pass
6	11615.526	49.00	2.17	74.0	-25.00	Peak	0.00	150	Vertical	Pass
6**	11615.526	39.46	2.17	54.0	-14.54	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	1174.300	40.28	-18.46	74.0	-33.72	Peak	305.00	150	Horizontal	Pass
1**	1174.300	27.28	-18.46	54.0	-26.72	AV	305.00	150	Horizontal	Pass
2	2821.200	42.00	-10.57	74.0	-32.00	Peak	59.00	150	Horizontal	Pass
2**	2821.200	32.63	-10.57	54.0	-21.37	AV	59.00	150	Horizontal	Pass
3	4824.000	47.08	-3.66	74.0	-26.92	Peak	252.00	150	Horizontal	Pass
3**	4824.000	39.08	-3.66	54.0	-14.92	AV	252.00	150	Horizontal	Pass
4	5742.600	107.43	-3.62	--	-128.57	Peak	236.00	150	Horizontal	N/A
4**	5742.600	99.70	-3.62	--	99.70	AV	236.00	150	Horizontal	N/A
5	7456.838	47.01	-2.18	74.0	-26.99	Peak	360.00	150	Horizontal	Pass
5**	7456.838	37.43	-2.18	54.0	-16.57	AV	360.00	150	Horizontal	Pass
6	11594.537	48.37	1.94	74.0	-25.63	Peak	251.00	150	Horizontal	Pass
6**	11594.537	39.16	1.94	54.0	-14.84	AV	251.00	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	1174.000	41.46	-18.46	74.0	-32.54	Peak	193.00	150	Vertical	Pass
1**	1174.000	27.42	-18.46	54.0	-26.58	AV	193.00	150	Vertical	Pass
2	1531.400	40.01	-17.77	74.0	-33.99	Peak	152.00	150	Vertical	Pass
2**	1531.400	27.56	-17.77	54.0	-26.44	AV	152.00	150	Vertical	Pass
3	2792.200	45.57	-11.15	74.0	-28.43	Peak	235.00	150	Vertical	Pass
3**	2792.200	33.15	-11.15	54.0	-20.85	AV	235.00	150	Vertical	Pass
4	5741.400	98.94	-3.62	--	-176.06	Peak	275.00	150	Vertical	N/A
4**	5741.400	90.93	-3.62	--	90.93	AV	275.00	150	Vertical	N/A
5	7417.163	46.93	-2.02	74.0	-27.07	Peak	261.00	150	Vertical	Pass
5**	7417.163	36.91	-2.02	54.0	-17.09	AV	261.00	150	Vertical	Pass
6	11387.250	48.47	0.54	74.0	-25.53	Peak	311.00	150	Vertical	Pass
6**	11387.250	37.99	0.54	54.0	-16.01	AV	311.00	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	1185.300	39.56	-18.26	74.0	-34.44	Peak	241.00	150	Horizontal	Pass
1**	1185.300	27.34	-18.26	54.0	-26.66	AV	241.00	150	Horizontal	Pass
2	2795.500	42.83	-11.18	74.0	-31.17	Peak	54.00	150	Horizontal	Pass
2**	2795.500	33.14	-11.18	54.0	-20.86	AV	54.00	150	Horizontal	Pass
3	4259.600	47.18	-4.74	74.0	-26.82	Peak	35.00	150	Horizontal	Pass
3**	4259.600	36.71	-4.74	54.0	-17.29	AV	35.00	150	Horizontal	Pass
4	5782.400	107.23	-3.08	--	-130.77	Peak	238.00	150	Horizontal	N/A
4**	5782.400	99.25	-3.08	--	99.25	AV	238.00	150	Horizontal	N/A
5	7537.050	46.74	-1.71	74.0	-27.26	Peak	138.00	150	Horizontal	Pass
5**	7537.050	38.02	-1.71	54.0	-15.98	AV	138.00	150	Horizontal	Pass
6	12209.212	48.98	2.58	74.0	-25.02	Peak	118.00	150	Horizontal	Pass
6**	12209.212	40.61	2.58	54.0	-13.39	AV	118.00	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	1178.700	41.69	-18.41	74.0	-32.31	Peak	209.00	150	Vertical	Pass
1**	1178.700	30.77	-18.41	54.0	-23.23	AV	209.00	150	Vertical	Pass
2	2235.800	44.88	-13.38	74.0	-29.12	Peak	116.00	150	Vertical	Pass
2**	2235.800	32.41	-13.38	54.0	-21.59	AV	116.00	150	Vertical	Pass
3	4657.400	48.44	-4.27	74.0	-25.56	Peak	146.00	150	Vertical	Pass
3**	4657.400	37.64	-4.27	54.0	-16.36	AV	146.00	150	Vertical	Pass
4	5787.200	100.08	-2.97	--	-188.92	Peak	289.00	150	Vertical	N/A
4**	5787.200	92.69	-2.97	--	92.69	AV	289.00	150	Vertical	N/A
5	7429.813	46.88	-2.19	74.0	-27.12	Peak	260.00	150	Vertical	Pass
5**	7429.813	38.01	-2.19	54.0	-15.99	AV	260.00	150	Vertical	Pass
6	11657.213	48.52	2.53	74.0	-25.48	Peak	0.00	150	Vertical	Pass
6**	11657.213	39.54	2.53	54.0	-14.46	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	1186.600	39.34	-18.29	74.0	-34.66	Peak	305.00	150	Horizontal	Pass
1**	1186.600	28.71	-18.29	54.0	-25.29	AV	305.00	150	Horizontal	Pass
2	2767.600	42.33	-11.24	74.0	-31.67	Peak	29.00	150	Horizontal	Pass
2**	2767.600	32.88	-11.24	54.0	-21.12	AV	29.00	150	Horizontal	Pass
3	4256.400	46.44	-4.76	74.0	-27.56	Peak	0.00	150	Horizontal	Pass
3**	4256.400	36.81	-4.76	54.0	-17.19	AV	0.00	150	Horizontal	Pass
4	5827.400	106.93	-2.74	--	-146.07	Peak	253.00	150	Horizontal	N/A
4**	5827.400	99.96	-2.74	--	99.96	AV	253.00	150	Horizontal	N/A
5	7556.313	48.09	-1.65	74.0	-25.91	Peak	62.00	150	Horizontal	Pass
5**	7556.313	38.03	-1.65	54.0	-15.97	AV	62.00	150	Horizontal	Pass
6	12200.588	48.27	2.56	74.0	-25.73	Peak	0.00	150	Horizontal	Pass
6**	12200.588	39.37	2.56	54.0	-14.63	AV	0.00	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	1166.200	41.58	-18.49	74.0	-32.42	Peak	164.00	150	Vertical	Pass
1**	1166.200	27.88	-18.49	54.0	-26.12	AV	164.00	150	Vertical	Pass
2	2797.900	43.60	-11.14	74.0	-30.40	Peak	106.00	150	Vertical	Pass
2**	2797.900	33.42	-11.14	54.0	-20.58	AV	106.00	150	Vertical	Pass
3	4235.400	46.64	-5.16	74.0	-27.36	Peak	139.00	150	Vertical	Pass
3**	4235.400	37.23	-5.16	54.0	-16.77	AV	139.00	150	Vertical	Pass
4	5823.800	99.92	-2.75	--	16.92	Peak	83.00	150	Vertical	N/A
4**	5823.800	91.41	-2.75	--	91.41	AV	83.00	150	Vertical	N/A
5	7520.375	47.26	-1.59	74.0	-26.74	Peak	28.00	150	Vertical	Pass
5**	7520.375	37.88	-1.59	54.0	-16.12	AV	28.00	150	Vertical	Pass
6	12208.638	48.29	2.57	74.0	-25.71	Peak	282.00	150	Vertical	Pass
6**	12208.638	39.21	2.57	54.0	-14.79	AV	282.00	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	1178.200	39.18	-18.43	74.0	-34.82	Peak	244.00	150	Horizontal	Pass
1**	1178.200	27.02	-18.43	54.0	-26.98	AV	244.00	150	Horizontal	Pass
2	2825.000	42.69	-10.50	74.0	-31.31	Peak	159.00	150	Horizontal	Pass
2**	2825.000	32.56	-10.50	54.0	-21.44	AV	159.00	150	Horizontal	Pass
3	3965.800	46.17	-5.28	74.0	-27.83	Peak	117.00	150	Horizontal	Pass
3**	3965.800	36.49	-5.28	54.0	-17.51	AV	117.00	150	Horizontal	Pass
4	5747.200	105.32	-3.59	--	-142.68	Peak	248.00	150	Horizontal	N/A
4**	5747.200	98.00	-3.59	--	98.00	AV	248.00	150	Horizontal	N/A
5	7504.850	47.41	-1.88	74.0	-26.59	Peak	179.00	150	Horizontal	Pass
5**	7504.850	37.76	-1.88	54.0	-16.24	AV	179.00	150	Horizontal	Pass
6	11646.287	47.96	2.51	74.0	-26.04	Peak	0.00	150	Horizontal	Pass
6**	11646.287	39.49	2.51	54.0	-14.51	AV	0.00	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	1168.500	42.54	-18.42	74.0	-31.46	Peak	158.00	150	Vertical	Pass
1**	1168.500	27.71	-18.42	54.0	-26.29	AV	158.00	150	Vertical	Pass
2	2794.600	43.82	-11.21	74.0	-30.18	Peak	132.00	150	Vertical	Pass
2**	2794.600	32.81	-11.21	54.0	-21.19	AV	132.00	150	Vertical	Pass
3	4650.000	47.57	-4.21	74.0	-26.43	Peak	147.00	150	Vertical	Pass
3**	4650.000	38.32	-4.21	54.0	-15.68	AV	147.00	150	Vertical	Pass
4	5742.800	97.40	-3.61	--	-175.60	Peak	273.00	150	Vertical	N/A
4**	5742.800	90.28	-3.61	--	90.28	AV	273.00	150	Vertical	N/A
5	7610.650	47.79	-2.23	74.0	-26.21	Peak	282.00	150	Vertical	Pass
5**	7610.650	37.25	-2.23	54.0	-16.75	AV	282.00	150	Vertical	Pass
6	12210.362	48.40	2.58	74.0	-25.60	Peak	70.00	150	Vertical	Pass
6**	12210.362	39.19	2.58	54.0	-14.81	AV	70.00	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	1197.100	39.80	-18.19	74.0	-34.20	Peak	298.00	150	Horizontal	Pass
1**	1197.100	30.62	-18.19	54.0	-23.38	AV	298.00	150	Horizontal	Pass
2	2790.300	43.24	-11.10	74.0	-30.76	Peak	57.00	150	Horizontal	Pass
2**	2790.300	32.78	-11.10	54.0	-21.22	AV	57.00	150	Horizontal	Pass
3	4669.600	47.34	-4.50	74.0	-26.66	Peak	299.00	150	Horizontal	Pass
3**	4669.600	36.97	-4.50	54.0	-17.03	AV	299.00	150	Horizontal	Pass
4	5786.000	106.58	-3.00	--	-155.42	Peak	262.00	150	Horizontal	N/A
4**	5786.000	98.68	-3.00	--	98.68	AV	262.00	150	Horizontal	N/A
5	7514.625	46.78	-1.70	74.0	-27.22	Peak	231.00	150	Horizontal	Pass
5**	7514.625	37.55	-1.70	54.0	-16.45	AV	231.00	150	Horizontal	Pass
6	12211.800	48.66	2.58	74.0	-25.34	Peak	179.00	150	Horizontal	Pass
6**	12211.800	40.25	2.58	54.0	-13.75	AV	179.00	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	1160.700	42.13	-18.38	74.0	-31.87	Peak	155.00	150	Vertical	Pass
1**	1160.700	26.72	-18.38	54.0	-27.28	AV	155.00	150	Vertical	Pass
2	2798.800	44.22	-11.14	74.0	-29.78	Peak	230.00	150	Vertical	Pass
2**	2798.800	34.63	-11.14	54.0	-19.37	AV	230.00	150	Vertical	Pass
3	4170.800	46.20	-4.91	74.0	-27.80	Peak	198.00	150	Vertical	Pass
3**	4170.800	36.64	-4.91	54.0	-17.36	AV	198.00	150	Vertical	Pass
4	5787.400	98.28	-2.97	--	-178.72	Peak	277.00	150	Vertical	N/A
4**	5787.400	91.35	-2.97	--	91.35	AV	277.00	150	Vertical	N/A
5	7553.438	47.46	-1.56	74.0	-26.54	Peak	0.00	150	Vertical	Pass
5**	7553.438	38.80	-1.56	54.0	-15.20	AV	0.00	150	Vertical	Pass
6	11738.863	48.31	1.71	74.0	-25.69	Peak	173.00	150	Vertical	Pass
6**	11738.863	38.05	1.71	54.0	-15.95	AV	173.00	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	1198.100	39.35	-18.18	74.0	-34.65	Peak	326.00	150	Horizontal	Pass
1**	1198.100	30.75	-18.18	54.0	-23.25	AV	326.00	150	Horizontal	Pass
2	2806.400	41.96	-10.98	74.0	-32.04	Peak	11.00	150	Horizontal	Pass
2**	2806.400	32.79	-10.98	54.0	-21.21	AV	11.00	150	Horizontal	Pass
3	4636.400	47.49	-4.27	74.0	-26.51	Peak	209.00	150	Horizontal	Pass
3**	4636.400	38.00	-4.27	54.0	-16.00	AV	209.00	150	Horizontal	Pass
4	5827.600	106.13	-2.74	--	-139.87	Peak	246.00	150	Horizontal	N/A
4**	5827.600	98.30	-2.74	--	98.30	AV	246.00	150	Horizontal	N/A
5	7543.088	47.47	-1.63	74.0	-26.53	Peak	0.00	150	Horizontal	Pass
5**	7543.088	38.29	-1.63	54.0	-15.71	AV	0.00	150	Horizontal	Pass
6	11710.687	48.51	2.14	74.0	-25.49	Peak	342.00	150	Horizontal	Pass
6**	11710.687	38.88	2.14	54.0	-15.12	AV	342.00	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	1164.100	43.09	-18.39	74.0	-30.91	Peak	217.00	150	Vertical	Pass
1**	1164.100	27.36	-18.39	54.0	-26.64	AV	217.00	150	Vertical	Pass
2	2793.700	44.96	-11.20	74.0	-29.04	Peak	236.00	150	Vertical	Pass
2**	2793.700	33.87	-11.20	54.0	-20.13	AV	236.00	150	Vertical	Pass
3	4173.000	46.29	-4.92	74.0	-27.71	Peak	93.00	150	Vertical	Pass
3**	4173.000	36.09	-4.92	54.0	-17.91	AV	93.00	150	Vertical	Pass
4	5822.200	98.73	-2.76	--	-200.27	Peak	299.00	150	Vertical	N/A
4**	5822.200	90.10	-2.76	--	90.10	AV	299.00	150	Vertical	N/A
5	7554.300	47.23	-1.56	74.0	-26.77	Peak	215.00	150	Vertical	Pass
5**	7554.300	38.34	-1.56	54.0	-15.66	AV	215.00	150	Vertical	Pass
6	11664.687	48.11	2.50	74.0	-25.89	Peak	322.00	150	Vertical	Pass
6**	11664.687	38.79	2.50	54.0	-15.21	AV	322.00	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	1197.000	39.74	-18.19	74.0	-34.26	Peak	139.00	150	Horizontal	Pass
1**	1197.000	30.99	-18.19	54.0	-23.01	AV	139.00	150	Horizontal	Pass
2	2253.500	41.21	-13.23	74.0	-32.79	Peak	114.00	150	Horizontal	Pass
2**	2253.500	31.58	-13.23	54.0	-22.42	AV	114.00	150	Horizontal	Pass
3	3971.200	45.86	-5.31	74.0	-28.14	Peak	7.00	150	Horizontal	Pass
3**	3971.200	36.00	-5.31	54.0	-18.00	AV	7.00	150	Horizontal	Pass
4	5751.600	103.44	-3.54	--	-165.56	Peak	269.00	150	Horizontal	N/A
4**	5751.600	96.01	-3.54	--	96.01	AV	269.00	150	Horizontal	N/A
5	7476.388	47.57	-1.95	74.0	-26.43	Peak	317.00	150	Horizontal	Pass
5**	7476.388	37.91	-1.95	54.0	-16.09	AV	317.00	150	Horizontal	Pass
6	11630.763	47.81	2.34	74.0	-26.19	Peak	353.00	150	Horizontal	Pass
6**	11630.763	39.52	2.34	54.0	-14.48	AV	353.00	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	1199.900	42.14	-18.16	74.0	-31.86	Peak	211.00	150	Vertical	Pass
1**	1199.900	30.59	-18.16	54.0	-23.41	AV	211.00	150	Vertical	Pass
2	2793.100	45.88	-11.18	74.0	-28.12	Peak	110.00	150	Vertical	Pass
2**	2793.100	32.56	-11.18	54.0	-21.44	AV	110.00	150	Vertical	Pass
3	3996.000	46.75	-5.69	74.0	-27.25	Peak	287.00	150	Vertical	Pass
3**	3996.000	35.84	-5.69	54.0	-18.16	AV	287.00	150	Vertical	Pass
4	5753.400	95.37	-3.50	--	-179.63	Peak	275.00	150	Vertical	N/A
4**	5753.400	88.20	-3.50	--	88.20	AV	275.00	150	Vertical	N/A
5	7504.563	47.53	-1.87	74.0	-26.47	Peak	96.00	150	Vertical	Pass
5**	7504.563	38.24	-1.87	54.0	-15.76	AV	96.00	150	Vertical	Pass
6	12212.662	48.93	2.58	74.0	-25.07	Peak	343.00	150	Vertical	Pass
6**	12212.662	39.36	2.58	54.0	-14.64	AV	343.00	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	1194.000	39.33	-18.19	74.0	-34.67	Peak	297.00	150	Horizontal	Pass
1**	1194.000	29.16	-18.19	54.0	-24.84	AV	297.00	150	Horizontal	Pass
2	2815.600	42.39	-10.70	74.0	-31.61	Peak	97.00	150	Horizontal	Pass
2**	2815.600	33.12	-10.70	54.0	-20.88	AV	97.00	150	Horizontal	Pass
3	4171.200	46.49	-4.90	74.0	-27.51	Peak	301.00	150	Horizontal	Pass
3**	4171.200	36.47	-4.90	54.0	-17.53	AV	301.00	150	Horizontal	Pass
4	5792.600	104.13	-2.84	--	-139.87	Peak	244.00	150	Horizontal	N/A
4**	5792.600	95.86	-2.84	--	95.86	AV	244.00	150	Horizontal	N/A
5	7469.487	46.88	-2.05	74.0	-27.12	Peak	102.00	150	Horizontal	Pass
5**	7469.487	38.17	-2.05	54.0	-15.83	AV	102.00	150	Horizontal	Pass
6	11647.725	48.55	2.53	74.0	-25.45	Peak	227.00	150	Horizontal	Pass
6**	11647.725	39.79	2.53	54.0	-14.21	AV	227.00	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	1191.100	42.69	-18.20	74.0	-31.31	Peak	214.00	150	Vertical	Pass
1**	1191.100	28.59	-18.20	54.0	-25.41	AV	214.00	150	Vertical	Pass
2	2791.900	44.31	-11.15	74.0	-29.69	Peak	69.00	150	Vertical	Pass
2**	2791.900	33.60	-11.15	54.0	-20.40	AV	69.00	150	Vertical	Pass
3	4210.200	47.31	-5.01	74.0	-26.69	Peak	180.00	150	Vertical	Pass
3**	4210.200	36.56	-5.01	54.0	-17.44	AV	180.00	150	Vertical	Pass
4	5798.800	96.58	-2.70	--	-193.42	Peak	290.00	150	Vertical	N/A
4**	5798.800	88.75	-2.70	--	88.75	AV	290.00	150	Vertical	N/A
5	7505.713	46.84	-1.89	74.0	-27.16	Peak	314.00	150	Vertical	Pass
5**	7505.713	37.49	-1.89	54.0	-16.51	AV	314.00	150	Vertical	Pass
6	12212.375	49.02	2.58	74.0	-24.98	Peak	38.00	150	Vertical	Pass
6**	12212.375	39.44	2.58	54.0	-14.56	AV	38.00	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	1198.700	40.60	-18.18	74.0	-33.40	Peak	100.00	150	Horizontal	Pass
1**	1198.700	31.82	-18.18	54.0	-22.18	AV	100.00	150	Horizontal	Pass
2	2792.300	42.14	-11.16	74.0	-31.86	Peak	48.00	150	Horizontal	Pass
2**	2792.300	32.16	-11.16	54.0	-21.84	AV	48.00	150	Horizontal	Pass
3	4289.000	46.39	-4.77	74.0	-27.61	Peak	75.00	150	Horizontal	Pass
3**	4289.000	37.16	-4.77	54.0	-16.84	AV	75.00	150	Horizontal	Pass
4	5743.200	105.60	-3.60	--	-133.40	Peak	239.00	150	Horizontal	N/A
4**	5743.200	98.35	-3.60	--	98.35	AV	239.00	150	Horizontal	N/A
5	7491.625	46.89	-1.84	74.0	-27.11	Peak	254.00	150	Horizontal	Pass
5**	7491.625	38.19	-1.84	54.0	-15.81	AV	254.00	150	Horizontal	Pass
6	11641.113	48.41	2.46	74.0	-25.59	Peak	39.00	150	Horizontal	Pass
6**	11641.113	38.95	2.46	54.0	-15.05	AV	39.00	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	1163.700	44.42	-18.40	74.0	-29.58	Peak	172.00	150	Vertical	Pass
1**	1163.700	32.88	-18.40	54.0	-21.12	AV	172.00	150	Vertical	Pass
2	2791.200	43.02	-11.12	74.0	-30.98	Peak	4.00	150	Vertical	Pass
2**	2791.200	34.68	-11.12	54.0	-19.32	AV	4.00	150	Vertical	Pass
3	4138.000	45.88	-5.51	74.0	-28.12	Peak	176.00	150	Vertical	Pass
3**	4138.000	36.81	-5.51	54.0	-17.19	AV	176.00	150	Vertical	Pass
4	5742.800	97.86	-3.61	--	-174.14	Peak	272.00	150	Vertical	N/A
4**	5742.800	89.98	-3.61	--	89.98	AV	272.00	150	Vertical	N/A
5	8076.112	48.35	-1.12	74.0	-25.65	Peak	257.00	150	Vertical	Pass
5**	8076.112	38.72	-1.12	54.0	-15.28	AV	257.00	150	Vertical	Pass
6	11618.688	48.47	2.21	74.0	-25.53	Peak	360.00	150	Vertical	Pass
6**	11618.688	39.82	2.21	54.0	-14.18	AV	360.00	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	1169.000	41.58	-18.41	74.0	-32.42	Peak	299.00	150	Horizontal	Pass
1**	1169.000	30.98	-18.41	54.0	-23.02	AV	299.00	150	Horizontal	Pass
2	2797.500	42.49	-11.14	74.0	-31.51	Peak	185.00	150	Horizontal	Pass
2**	2797.500	32.62	-11.14	54.0	-21.38	AV	185.00	150	Horizontal	Pass
3	4037.000	46.57	-5.32	74.0	-27.43	Peak	9.00	150	Horizontal	Pass
3**	4037.000	36.21	-5.32	54.0	-17.79	AV	9.00	150	Horizontal	Pass
4	5784.400	106.01	-3.03	--	-141.99	Peak	248.00	150	Horizontal	N/A
4**	5784.400	98.79	-3.03	--	98.79	AV	248.00	150	Horizontal	N/A
5	7546.250	47.05	-1.58	74.0	-26.95	Peak	106.00	150	Horizontal	Pass
5**	7546.250	38.49	-1.58	54.0	-15.51	AV	106.00	150	Horizontal	Pass
6	12219.850	48.13	2.60	74.0	-25.87	Peak	339.00	150	Horizontal	Pass
6**	12219.850	40.05	2.60	54.0	-13.95	AV	339.00	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	1188.900	42.23	-18.29	74.0	-31.77	Peak	204.00	150	Vertical	Pass
1**	1188.900	27.85	-18.29	54.0	-26.15	AV	204.00	150	Vertical	Pass
2	2790.400	44.79	-11.10	74.0	-29.21	Peak	108.00	150	Vertical	Pass
2**	2790.400	32.74	-11.10	54.0	-21.26	AV	108.00	150	Vertical	Pass
3	4214.800	46.89	-4.85	74.0	-27.11	Peak	356.00	150	Vertical	Pass
3**	4214.800	37.54	-4.85	54.0	-16.46	AV	356.00	150	Vertical	Pass
4	5787.000	98.16	-2.98	--	-173.84	Peak	272.00	150	Vertical	N/A
4**	5787.000	90.36	-2.98	--	90.36	AV	272.00	150	Vertical	N/A
5	7528.138	47.36	-1.64	74.0	-26.64	Peak	150.00	150	Vertical	Pass
5**	7528.138	37.87	-1.64	54.0	-16.13	AV	150.00	150	Vertical	Pass
6	11636.799	48.58	2.41	74.0	-25.42	Peak	235.00	150	Vertical	Pass
6**	11636.799	39.36	2.41	54.0	-14.64	AV	235.00	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	1199.400	39.12	-18.17	74.0	-34.88	Peak	26.00	150	Horizontal	Pass
1**	1199.400	31.79	-18.17	54.0	-22.21	AV	26.00	150	Horizontal	Pass
2	2809.100	42.46	-10.86	74.0	-31.54	Peak	40.00	150	Horizontal	Pass
2**	2809.100	32.14	-10.86	54.0	-21.86	AV	40.00	150	Horizontal	Pass
3	4224.600	46.67	-4.79	74.0	-27.33	Peak	55.00	150	Horizontal	Pass
3**	4224.600	37.51	-4.79	54.0	-16.49	AV	55.00	150	Horizontal	Pass
4	5826.400	106.16	-2.74	--	-138.84	Peak	245.00	150	Horizontal	N/A
4**	5826.400	99.34	-2.74	--	99.34	AV	245.00	150	Horizontal	N/A
5	7491.625	47.40	-1.84	74.0	-26.60	Peak	66.00	150	Horizontal	Pass
5**	7491.625	38.37	-1.84	54.0	-15.63	AV	66.00	150	Horizontal	Pass
6	11627.600	48.55	2.31	74.0	-25.45	Peak	360.00	150	Horizontal	Pass
6**	11627.600	39.91	2.31	54.0	-14.09	AV	360.00	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	1198.300	43.25	-18.18	74.0	-30.75	Peak	196.00	150	Vertical	Pass
1**	1198.300	29.17	-18.18	54.0	-24.83	AV	196.00	150	Vertical	Pass
2	2792.800	43.74	-11.17	74.0	-30.26	Peak	225.00	150	Vertical	Pass
2**	2792.800	34.45	-11.17	54.0	-19.55	AV	225.00	150	Vertical	Pass
3	4653.200	48.20	-4.18	74.0	-25.80	Peak	153.00	150	Vertical	Pass
3**	4653.200	38.14	-4.18	54.0	-15.86	AV	153.00	150	Vertical	Pass
4	5823.200	98.03	-2.75	--	-197.97	Peak	296.00	150	Vertical	N/A
4**	5823.200	90.01	-2.75	--	90.01	AV	296.00	150	Vertical	N/A
5	7545.388	46.74	-1.59	74.0	-27.26	Peak	305.00	150	Vertical	Pass
5**	7545.388	37.55	-1.59	54.0	-16.45	AV	305.00	150	Vertical	Pass
6	11657.500	48.20	2.53	74.0	-25.80	Peak	218.00	150	Vertical	Pass
6**	11657.500	39.20	2.53	54.0	-14.80	AV	218.00	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	1165.400	39.30	-18.44	74.0	-34.70	Peak	106.00	150	Horizontal	Pass
1**	1165.400	27.04	-18.44	54.0	-26.96	AV	106.00	150	Horizontal	Pass
2	2793.900	42.44	-11.20	74.0	-31.56	Peak	19.00	150	Horizontal	Pass
2**	2793.900	32.59	-11.20	54.0	-21.41	AV	19.00	150	Horizontal	Pass
3	4246.000	46.29	-4.86	74.0	-27.71	Peak	360.00	150	Horizontal	Pass
3**	4246.000	37.22	-4.86	54.0	-16.78	AV	360.00	150	Horizontal	Pass
4	5752.800	103.16	-3.51	--	-170.84	Peak	274.00	150	Horizontal	N/A
4**	5752.800	95.94	-3.51	--	95.94	AV	274.00	150	Horizontal	N/A
5	7526.413	46.67	-1.60	74.0	-27.33	Peak	101.00	150	Horizontal	Pass
5**	7526.413	37.99	-1.60	54.0	-16.01	AV	101.00	150	Horizontal	Pass
6	11649.450	48.31	2.55	74.0	-25.69	Peak	332.00	150	Horizontal	Pass
6**	11649.450	39.80	2.55	54.0	-14.20	AV	332.00	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	1173.600	42.84	-18.45	74.0	-31.16	Peak	192.00	150	Vertical	Pass
1**	1173.600	33.48	-18.45	54.0	-20.52	AV	192.00	150	Vertical	Pass
2	2798.300	44.88	-11.14	74.0	-29.12	Peak	101.00	150	Vertical	Pass
2**	2798.300	33.56	-11.14	54.0	-20.44	AV	101.00	150	Vertical	Pass
3	4663.600	47.93	-4.40	74.0	-26.07	Peak	258.00	150	Vertical	Pass
3**	4663.600	37.61	-4.40	54.0	-16.39	AV	258.00	150	Vertical	Pass
4	5751.000	95.63	-3.56	--	-178.37	Peak	274.00	150	Vertical	N/A
4**	5751.000	86.96	-3.56	--	86.96	AV	274.00	150	Vertical	N/A
5	7510.025	46.70	-1.85	74.0	-27.30	Peak	3.00	150	Vertical	Pass
5**	7510.025	37.39	-1.85	54.0	-16.61	AV	3.00	150	Vertical	Pass
6	11635.651	47.74	2.40	74.0	-26.26	Peak	223.00	150	Vertical	Pass
6**	11635.651	38.84	2.40	54.0	-15.16	AV	223.00	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	1200.700	39.13	-18.16	74.0	-34.87	Peak	14.00	150	Horizontal	Pass
1**	1200.700	31.21	-18.16	54.0	-22.79	AV	14.00	150	Horizontal	Pass
2	2799.800	42.45	-11.13	74.0	-31.55	Peak	46.00	150	Horizontal	Pass
2**	2799.800	32.56	-11.13	54.0	-21.44	AV	46.00	150	Horizontal	Pass
3	4798.800	47.10	-3.54	74.0	-26.90	Peak	126.00	150	Horizontal	Pass
3**	4798.800	38.16	-3.54	54.0	-15.84	AV	126.00	150	Horizontal	Pass
4	5797.600	104.45	-2.71	--	-149.55	Peak	254.00	150	Horizontal	N/A
4**	5797.600	96.78	-2.71	--	96.78	AV	254.00	150	Horizontal	N/A
5	7547.687	47.33	-1.58	74.0	-26.67	Peak	360.00	150	Horizontal	Pass
5**	7547.687	38.11	-1.58	54.0	-15.89	AV	360.00	150	Horizontal	Pass
6	11172.775	48.27	0.45	74.0	-25.73	Peak	3.00	150	Horizontal	Pass
6**	11172.775	38.02	0.45	54.0	-15.98	AV	3.00	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	1178.000	44.02	-18.44	74.0	-29.98	Peak	213.00	150	Vertical	Pass
1**	1178.000	27.10	-18.44	54.0	-26.90	AV	213.00	150	Vertical	Pass
2	2795.200	44.14	-11.19	74.0	-29.86	Peak	89.00	150	Vertical	Pass
2**	2795.200	32.85	-11.19	54.0	-21.15	AV	89.00	150	Vertical	Pass
3	4680.400	47.25	-4.58	74.0	-26.75	Peak	360.00	150	Vertical	Pass
3**	4680.400	36.93	-4.58	54.0	-17.07	AV	360.00	150	Vertical	Pass
4	5791.200	96.96	-2.86	--	-188.04	Peak	285.00	150	Vertical	N/A
4**	5791.200	88.13	-2.86	--	88.13	AV	285.00	150	Vertical	N/A
5	7516.638	46.73	-1.67	74.0	-27.27	Peak	267.00	150	Vertical	Pass
5**	7516.638	38.32	-1.67	54.0	-15.68	AV	267.00	150	Vertical	Pass
6	11629.901	48.25	2.33	74.0	-25.75	Peak	284.00	150	Vertical	Pass
6**	11629.901	39.22	2.33	54.0	-14.78	AV	284.00	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	1199.100	40.69	-18.17	74.0	-33.31	Peak	31.00	150	Horizontal	Pass
1**	1199.100	32.05	-18.17	54.0	-21.95	AV	31.00	150	Horizontal	Pass
2	2794.400	42.35	-11.22	74.0	-31.65	Peak	220.00	150	Horizontal	Pass
2**	2794.400	32.66	-11.22	54.0	-21.34	AV	220.00	150	Horizontal	Pass
3	4195.800	46.30	-5.27	74.0	-27.70	Peak	204.00	150	Horizontal	Pass
3**	4195.800	36.65	-5.27	54.0	-17.35	AV	204.00	150	Horizontal	Pass
4	5781.600	99.59	-3.10	--	-137.41	Peak	237.00	150	Horizontal	N/A
4**	5781.600	91.47	-3.10	--	91.47	AV	237.00	150	Horizontal	N/A
5	7471.500	47.19	-2.03	74.0	-26.81	Peak	282.00	150	Horizontal	Pass
5**	7471.500	37.70	-2.03	54.0	-16.30	AV	282.00	150	Horizontal	Pass
6	12228.763	49.59	2.62	74.0	-24.41	Peak	153.00	150	Horizontal	Pass
6**	12228.763	39.25	2.62	54.0	-14.75	AV	153.00	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	1179.300	42.38	-18.39	74.0	-31.62	Peak	177.00	150	Vertical	Pass
1**	1179.300	28.59	-18.39	54.0	-25.41	AV	177.00	150	Vertical	Pass
2	2794.700	45.44	-11.21	74.0	-28.56	Peak	93.00	150	Vertical	Pass
2**	2794.700	32.93	-11.21	54.0	-21.07	AV	93.00	150	Vertical	Pass
3	4655.800	47.88	-4.19	74.0	-26.12	Peak	147.00	150	Vertical	Pass
3**	4655.800	37.52	-4.19	54.0	-16.48	AV	147.00	150	Vertical	Pass
4	5770.000	92.27	-3.32	--	-205.73	Peak	298.00	150	Vertical	N/A
4**	5770.000	83.84	-3.32	--	83.84	AV	298.00	150	Vertical	N/A
5	7483.000	47.37	-1.85	74.0	-26.63	Peak	329.00	150	Vertical	Pass
5**	7483.000	37.80	-1.85	54.0	-16.20	AV	329.00	150	Vertical	Pass
6	12322.775	49.70	2.18	74.0	-24.30	Peak	140.00	150	Vertical	Pass
6**	12322.775	38.92	2.18	54.0	-15.08	AV	140.00	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
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Plots

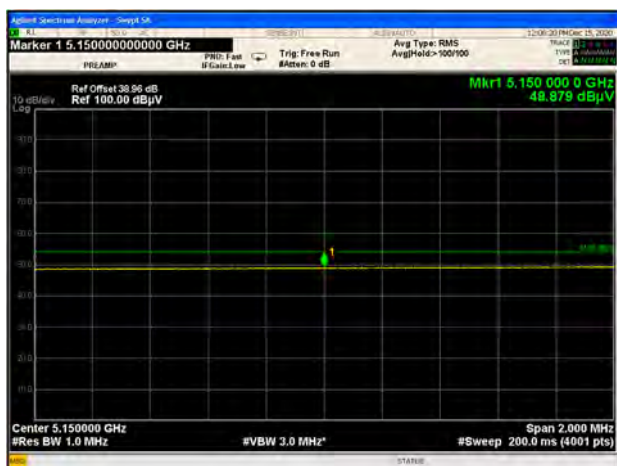
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U-NII-1 11a CH48 Peak



U-NII-1 11a CH36 AV



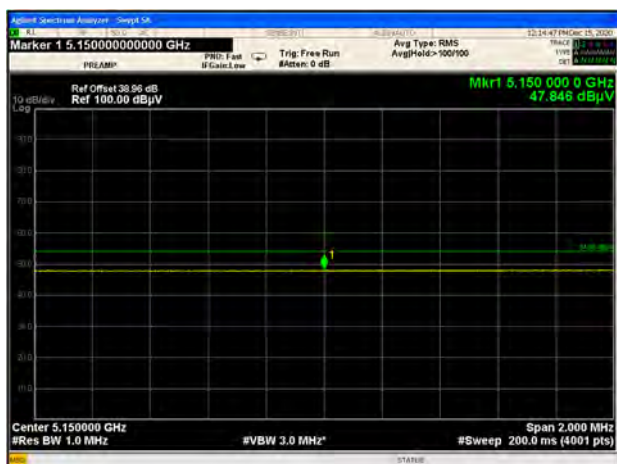
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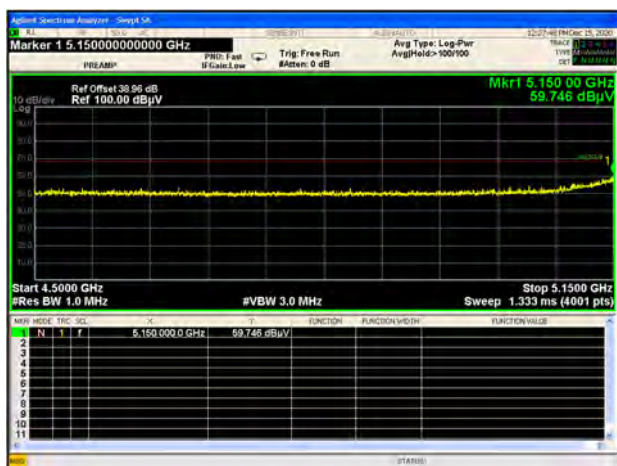
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U-NII-1 11n20 CH36 AV



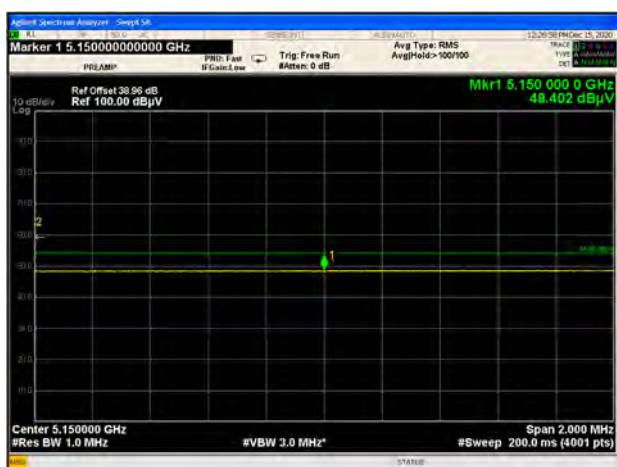
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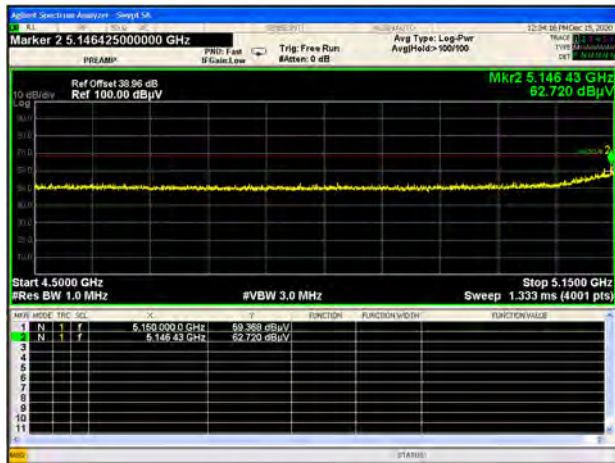
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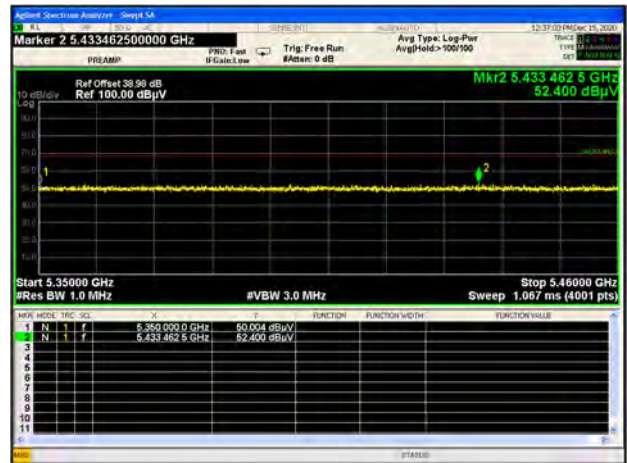
U-NII-1 11n40 CH38 AV



U-NII-1 11ac20 CH36 Peak



U-NII-1 11ac20 CH48 Peak



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



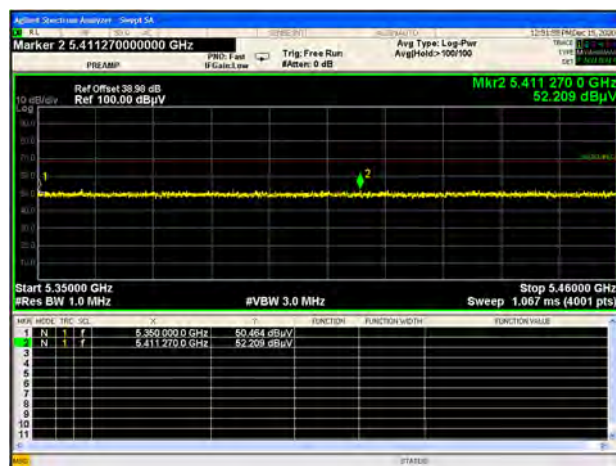
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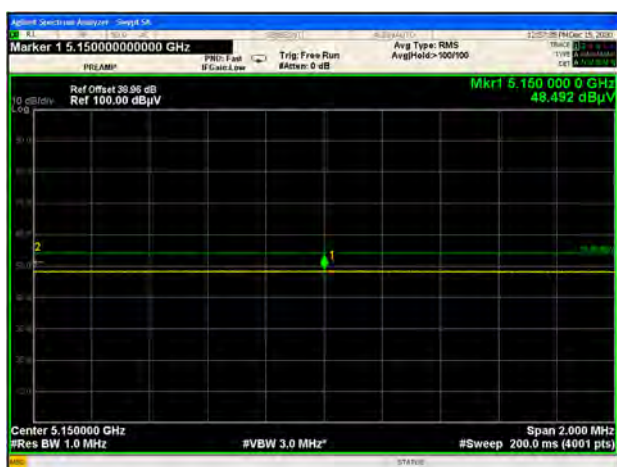
U-NII-1 11ac80 CH42 Peak



U-NII-1 11ac80 CH42 Peak



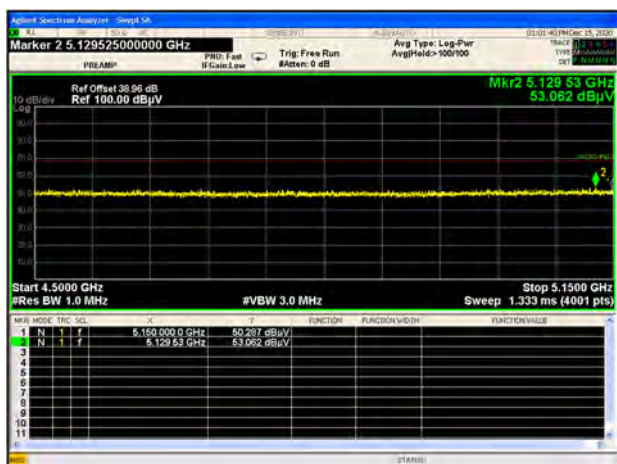
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U-NII-1 11ac80 CH42 AV



U-NII-2A 11a CH52 Peak



U-NII-2A 11a CH64 Peak



U-NII-2A 11a CH64V



U-NII-2A 11a CH64V



U-NII-2A 11n20 CH52 Peak



U-NII-2A 11n20 CH64 Peak



U-NII-2A 11n20 CH64 AV



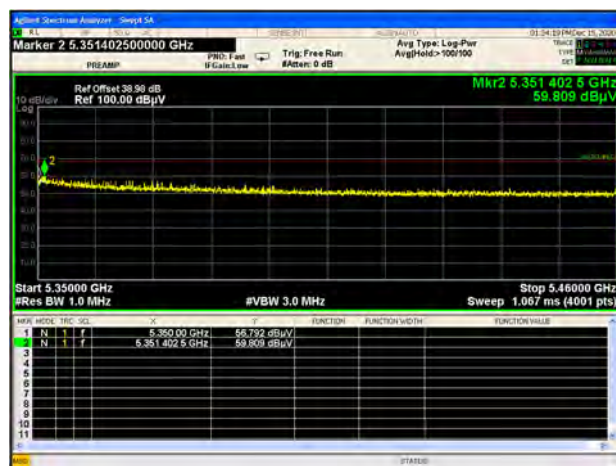
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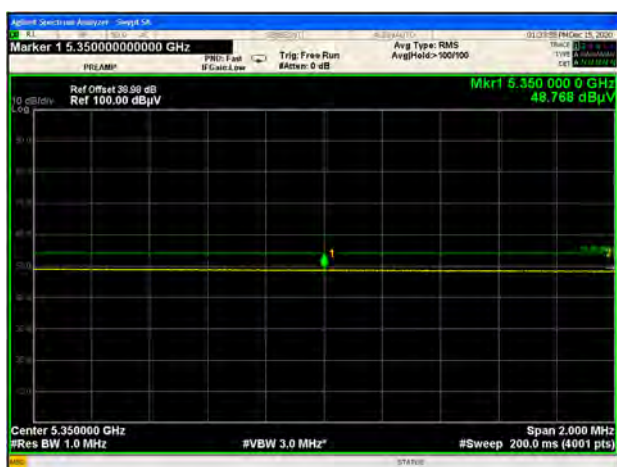
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U-NII-2A 11n40 CH62 Peak



U-NII-2A 11n40 CH54 AV



U-NII-2A 11n40 CH62 AV



U-NII-2A 11ac20 CH52 Peak



U-NII-2A 11ac20 CH64 Peak



U-NII-2A 11ac20 CH64 AV



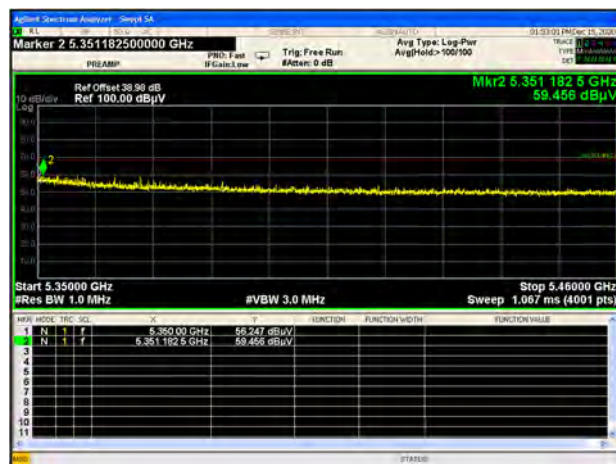
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U-NII-2A 11ac40 CH54 Peak



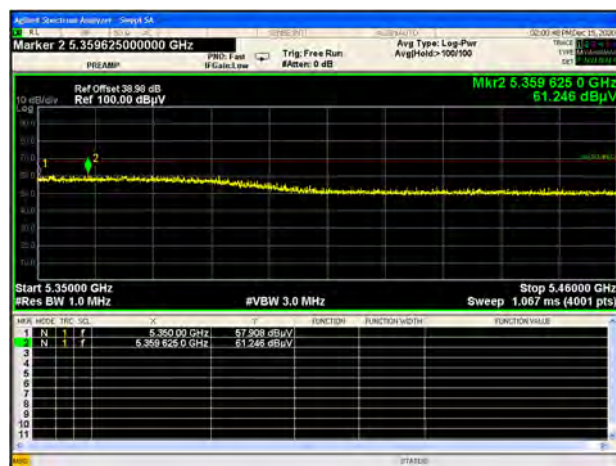
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U-NII-2A 11ac40 CH62 AV



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 11n20 CH100 Peak



U-NII-2C 11n20 CH140 Peak



U-NII-2C 11n20 CH100 AV



U-NII-2C 11n20 CH100 AV



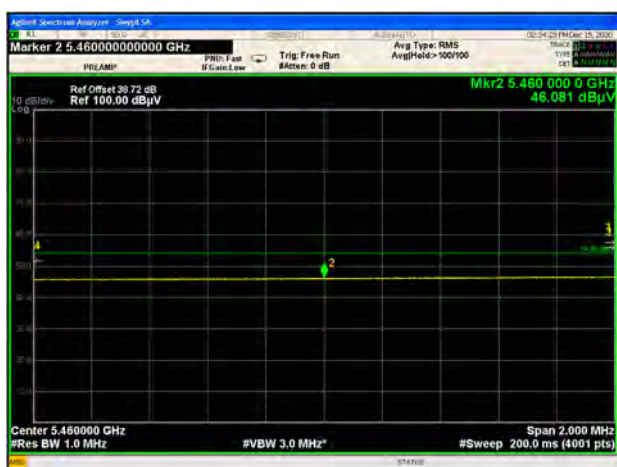
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U-NII-2C 11n40 CH134 Peak



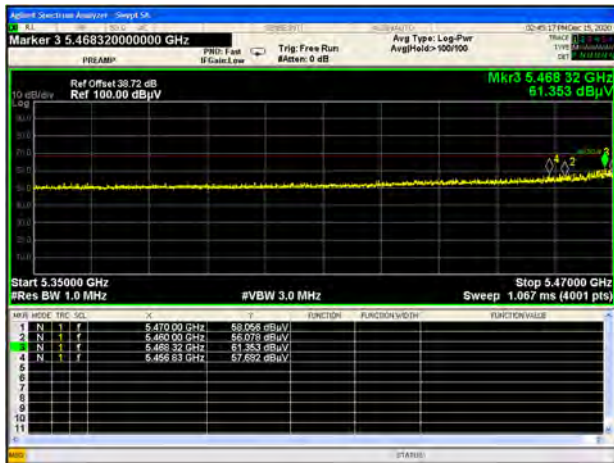
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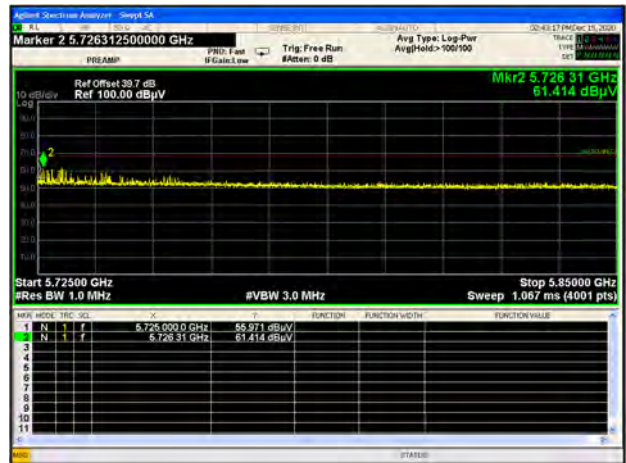
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U-NII-2C 11ac20 CH100 Peak



U-NII-2C 11ac20 CH140 Peak



U-NII-2C 11ac20 CH100 AV



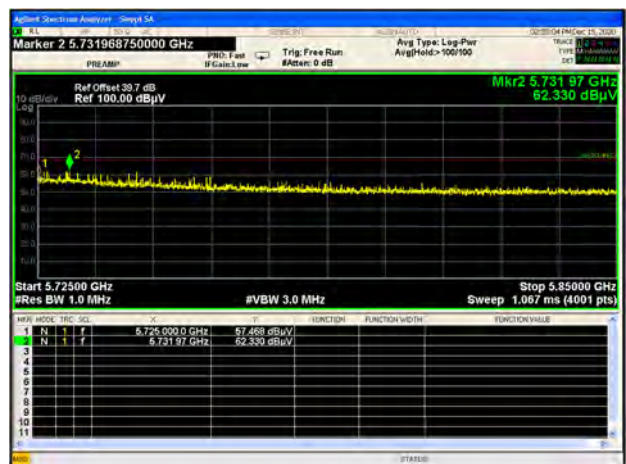
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U-NII-2C 11ac40 CH102 Peak



U-NII-2C 11ac40 CH134 Peak



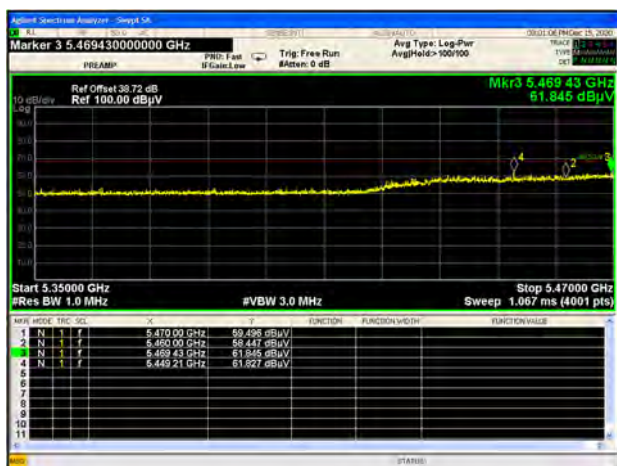
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U-NII-2C 11ac40 CH102 AV



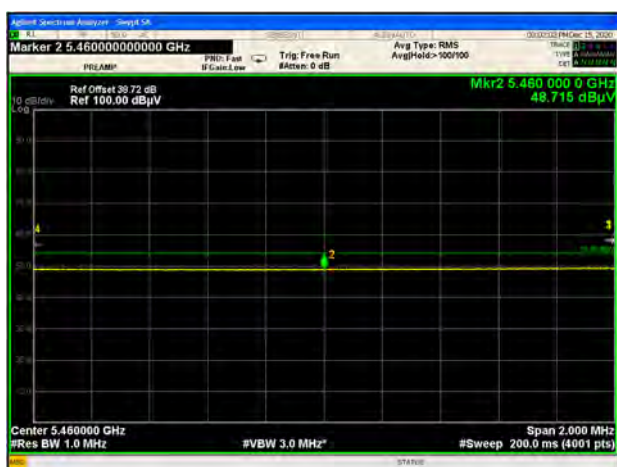
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U-NII-2C 11ac80 CH122 Peak



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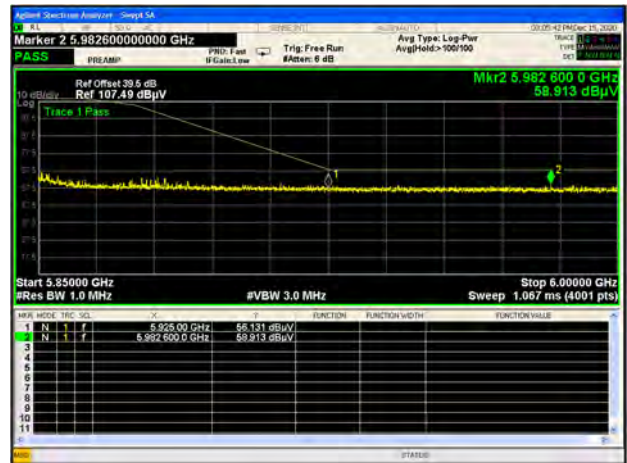
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U-NII-3 11a CH149 Peak



U-NII-3 11a CH165 Peak



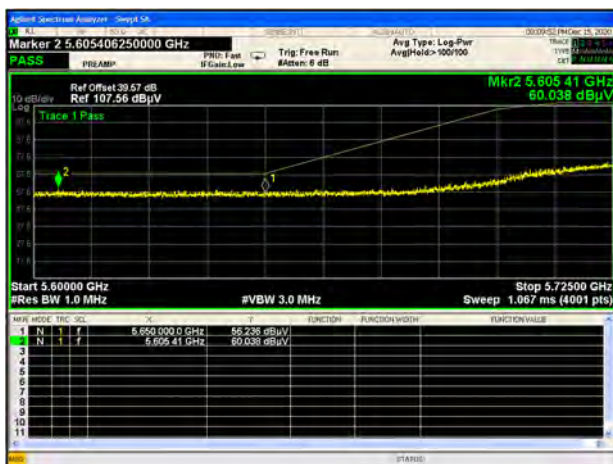
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U-NII-3 11n40 CH151 Peak



U-NII-3 11n40 CH159 Peak



U-NII-3 11ac20 CH165 Peak



U-NII-3 11ac40 CH159 Peak



U-NII-3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ20B0874-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ20B0874-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ20B0874-AI.PDF".

--END OF REPORT--