

FCC RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Rokid Glass

ISSUED TO
Hangzhou LingBan Technology Co., LTD.

Room 102, No.3, Yixuan Road, Xixi Yishu Jihe Village, Wuchang Street,
Yuhang District, Hangzhou, China



Prepared by: Ye Hongji
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Date: Aug. 17, 2020
Approved by: [Signature]
Wei Yanduan
(Chief Engineer)
Date: Aug. 17, 2020



Report No.: BL-SZ2070455-604
EUT Name: Rokid Glass
Model Name: RG201
Brand Name: Rokid Glass
Test Standard: 47 CFR Part 15 Subpart E
FCC ID: 2AW2R- RG201

Test Conclusion: Pass
Test Date: Jul. 16, 2020 ~ Aug. 07, 2020
Date of Issue: Aug. 17, 2020

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Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Aug. 17, 2020</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
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. The laboratory is a testing organization accredited by American Association for Laboratory Accreditation(A2LA) according to ISO/IEC 17025.The accreditation certificate is 4344.01. The laboratory is a testing organization accredited by China National Accreditation Service for Conformity Assessment (CNAS) according to ISO/IEC 17025. The accreditation certificate number is L6791.
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	Hangzhou LingBan Technology Co., LTD.
Address	Room 102, No.3, Yixuan Road, Xixi Yishu Jihe Village, Wuchang Street, Yuhang District, Hangzhou, China

2.2 Manufacturer

Manufacturer	Hangzhou LingBan Technology Co., LTD.
Address	Room 102, No.3, Yixuan Road, Xixi Yishu Jihe Village, Wuchang Street, Yuhang District, Hangzhou, China

2.3 Factory

Factory	N/A
Address	N/A

2.4 General Description for Equipment under Test (EUT)

EUT Name	Rokid Glass
Model Name Under Test	RG201
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	N/A
Hardware Version	3
Software Version	1.0.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A
Description	This is a system equipment consists of glass and dock, dock is the host part for transmission, glass is only for display.

2.5 Technical Information

Network and Wireless connectivity	Bluetooth 4.2 (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n and 802.11ac Band 1/2/3/4 SRD
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	Band I: 5150 MHz to 5250 MHz, Band II: 5250 MHz to 5350 MHz, Band III: 5470 MHz to 5725 MHz Band IV: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	Band I: 15.95 dBm Band II: 15.70 dBm Band III: 14.52 dBm Band IV: 13.47 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PCB Antenna
Antenna Gain	5150 MHz to 5250 MHz: 0.97 dBi 5250 MHz to 5350 MHz: 0.97 dBi 5470 MHz to 5725 MHz: 2.33 dBi 5725 MHz to 5850 MHz: 2.17 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 Rokid Glass, 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	CMD		
Support Units (Software installation media)	Description	Manufacturer	Model
	Notebook	Lenovo	X220

Band I (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	14.0
11a	CH44	5220	14.0
11a	CH48	5240	14.0
11n (HT20)	CH36	5180	14.5
11n (HT20)	CH44	5220	14.5
11n (HT20)	CH48	5240	14.5
11n (HT40)	CH38	5190	9.0
11n (HT40)	CH46	5230	9.0
11ac (VHT20)	CH36	5180	14.0
11ac (VHT20)	CH44	5220	14.0
11ac (VHT20)	CH48	5240	14.0
11ac (VHT40)	CH38	5190	9.5
11ac (VHT40)	CH46	5230	9.5
11ac (VHT80)	CH42	5210	8.5

Band II (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	15.0
11a	CH60	5300	15.0
11a	CH64	5320	15.0
11n (HT20)	CH52	5260	15.0
11n (HT20)	CH60	5300	15.0
11n (HT20)	CH64	5320	15.0
11n (HT40)	CH54	5270	11.0
11n (HT40)	CH62	5310	11.0
11ac (VHT20)	CH52	5260	14.0
11ac (VHT20)	CH60	5300	14.0
11ac (VHT20)	CH64	5320	14.0
11ac (VHT40)	CH54	5270	11.0
11ac (VHT40)	CH62	5310	11.0
11ac (VHT80)	CH58	5290	13.0

Band III (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	15.0
11a	CH116	5580	15.0
11a	CH140	5700	15.0
11n (HT20)	CH100	5500	15.0
11n (HT20)	CH116	5580	15.0
11n (HT20)	CH140	5700	15.0
11n (HT40)	CH102	5510	15.0
11n (HT40)	CH118	5590	15.0
11n (HT40)	CH134	5670	15.0
11ac (VHT20)	CH100	5500	15.0
11ac (VHT20)	CH116	5580	15.0
11ac (VHT20)	CH140	5700	15.0
11ac (VHT40)	CH102	5510	15.0
11ac (VHT40)	CH118	5590	15.0
11ac (VHT40)	CH134	5670	15.0
11ac (VHT80)	CH106	5530	15.0
11ac (VHT80)	CH122	5610	15.0

Band IV (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	13.0
11a	CH157	5785	13.0
11a	CH165	5825	13.0
11n (HT20)	CH149	5745	13.0
11n (HT20)	CH157	5785	13.0
11n (HT20)	CH165	5825	13.0
11n (HT40)	CH149	5745	13.0
11n (HT40)	CH157	5785	13.0
11ac (VHT20)	CH149	5745	15.0
11ac (VHT20)	CH157	5785	15.0
11ac (VHT20)	CH165	5825	15.0
11ac (VHT40)	CH149	5745	14.0
11ac (VHT40)	CH157	5785	14.0
11ac (VHT80)	CH155	5775	14.0

Run Software

```

C:\Windows\System32\cmd.exe - adb shell
wl pkteng_start 00:11:22:33:44:55 tx 20 1500 0wl down
wl up
wl phy_forcecal 1
wl scansuppress 1
wl txchain 1
wl txcore -o 1
wl 5g_rate -r 6 -b 20
wl phy_txpowerctrl 1
wl txpwr1 -o -d 15
cyclops:/ # wl mpc 0
cyclops:/ # wl phy_watchdog 0
cyclops:/ # wl country ALL
cyclops:/ # wl band a
cyclops:/ # wl channel 44
cyclops:/ # wl up
cyclops:/ # wl phy_forcecal 1
cyclops:/ # wl scansuppress 1
cyclops:/ # wl txchain 1
cyclops:/ # wl txcore -o 1
cyclops:/ # wl 5g_rate -r 6 -b 20
cyclops:/ # wl phy_txpowerctrl 1
cyclops:/ # wl txpwr1 -o -d 15
cyclops:/ #
wl pkteng_start 00:11:22:33:44:55 tx 20 1500 0
cyclops:/ #

```

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	122	5610
52	5260	102	5510	155	5775
56	5280	118	5590		
60	5300	134	5670		
64	5320	142	5710		
100	5500	151	5755		
104	5520	159	5795		
108	5540				
112	5560				
116	5580				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

Band I (5150 - 5250 MHz)			Band II (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

Band III (5470 - 5725 MHz)			Band IV (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)

Band I (5150 - 5250 MHz)			Band II (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

Band III (5150 - 5250 MHz)			Band IV (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)

Band I (5150 - 5250 MHz)			Band II (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

Band III (5470 - 5725 MHz)			Band IV (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	Band I Channel	Band II Channel	Band III Channel	Band IV 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 D02v01r04	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 band 30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable

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)	3.8 V
	LV (Low Voltage)	3.6 V
	HV (High Voltage)	4.3 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	2019.11.12	2020.11.11
Ear Simulator	B&K	4185	2409449	2019.11.12	2020.11.11
Ear Simulator	B&K	4195	2418189	2019.11.12	2020.11.11
Audio analyzer	B&K	UPL 16	100129	2019.11.12	2020.11.11

4.3 Measurement Uncertainty

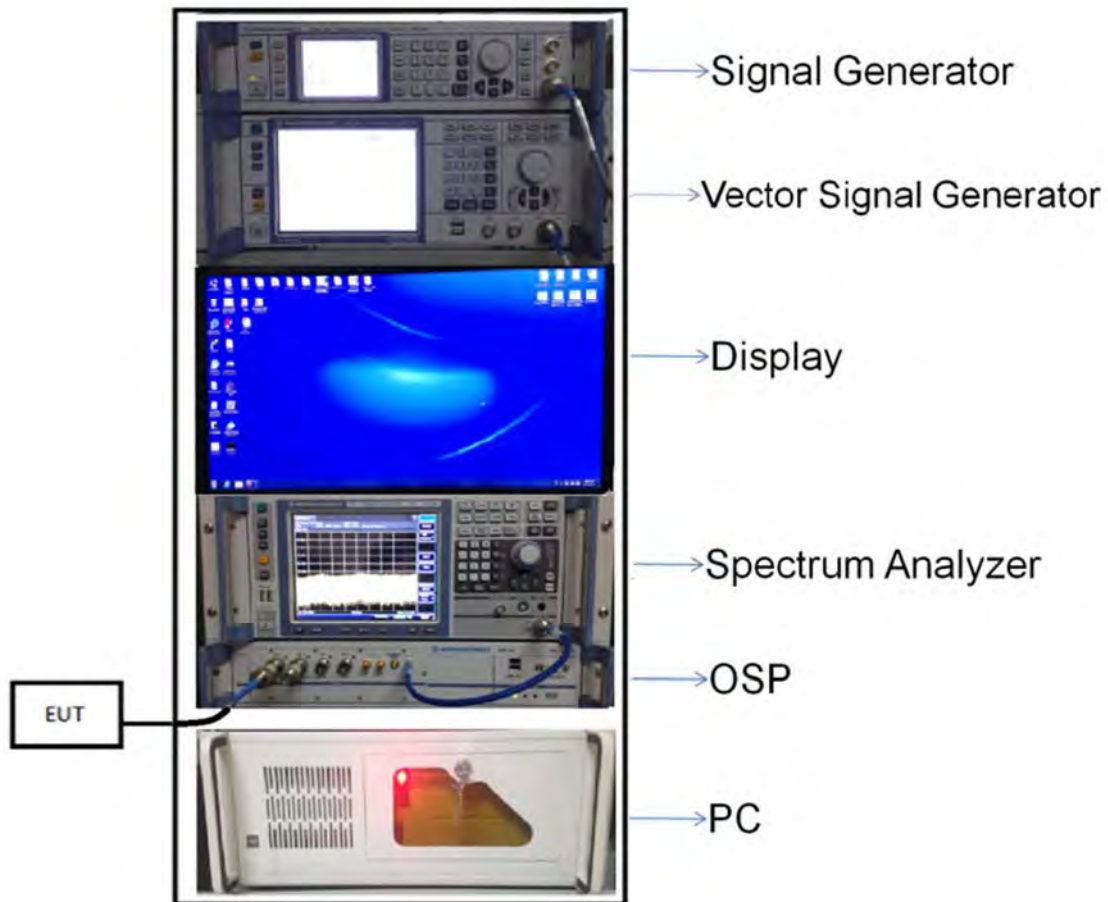
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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	$\pm 4\%$
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	$\pm 1^{\circ}\text{C}$
Humidity	$\pm 4\%$

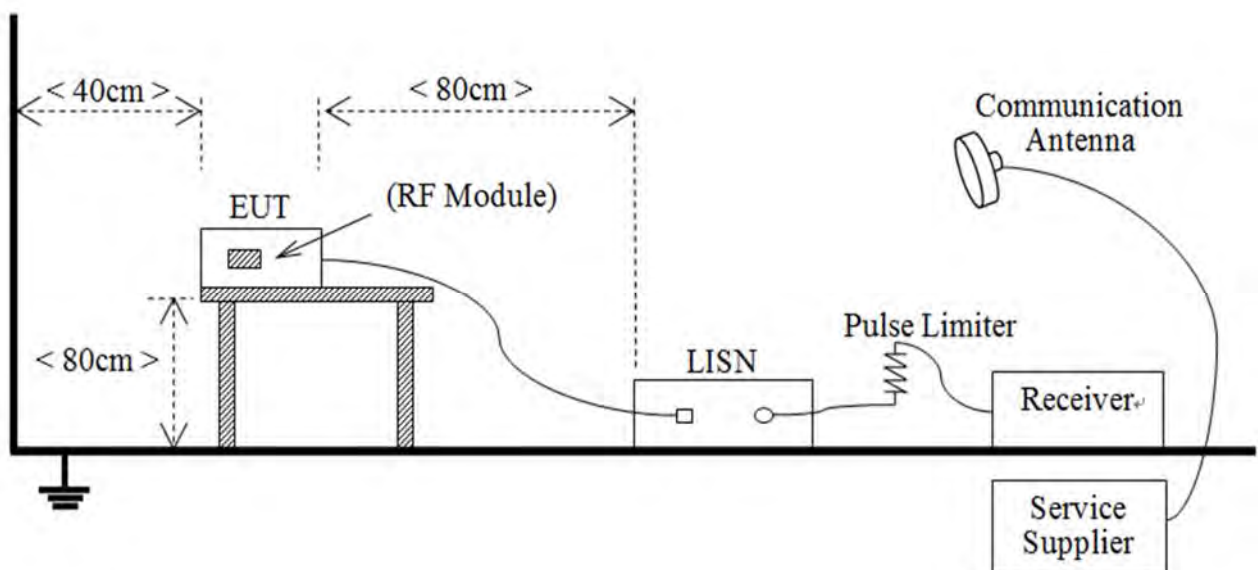
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



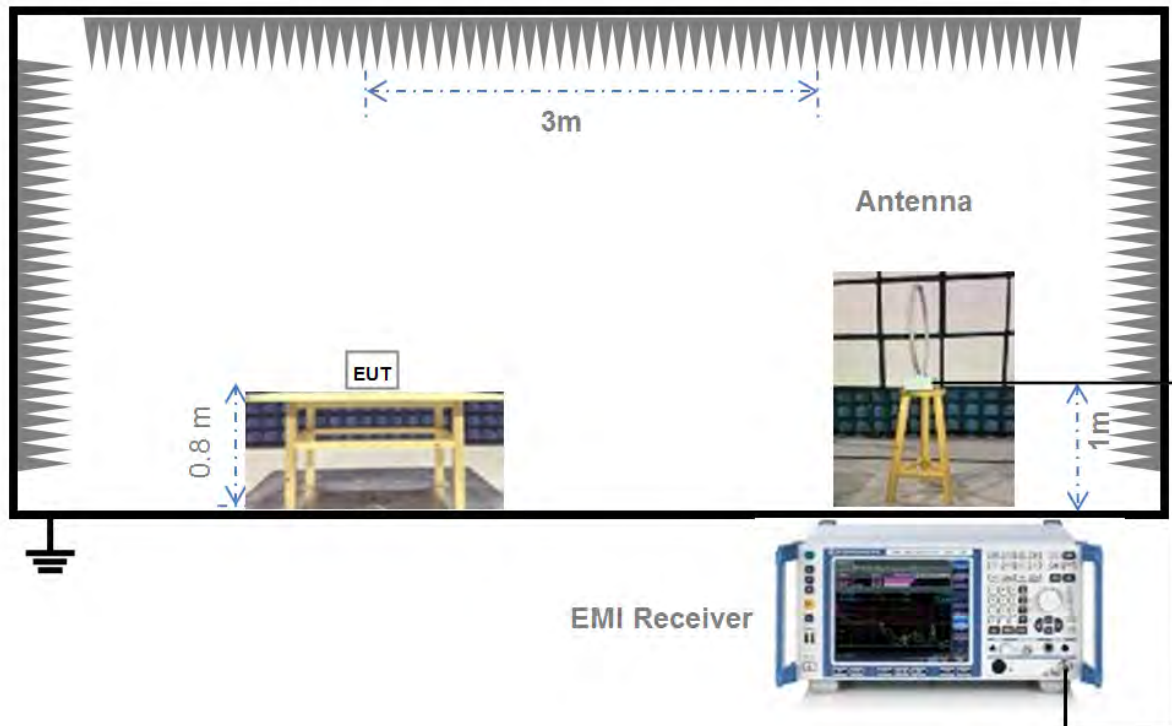
(Diagram 1)

4.4.2 For AC Power Supply Port Test



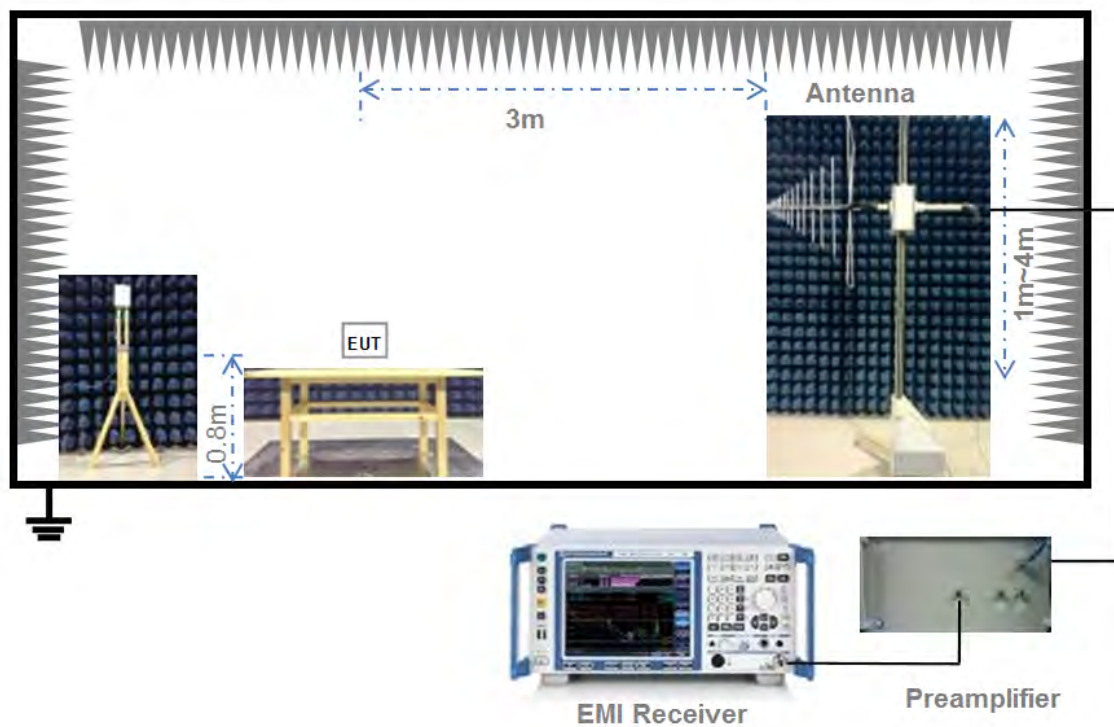
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



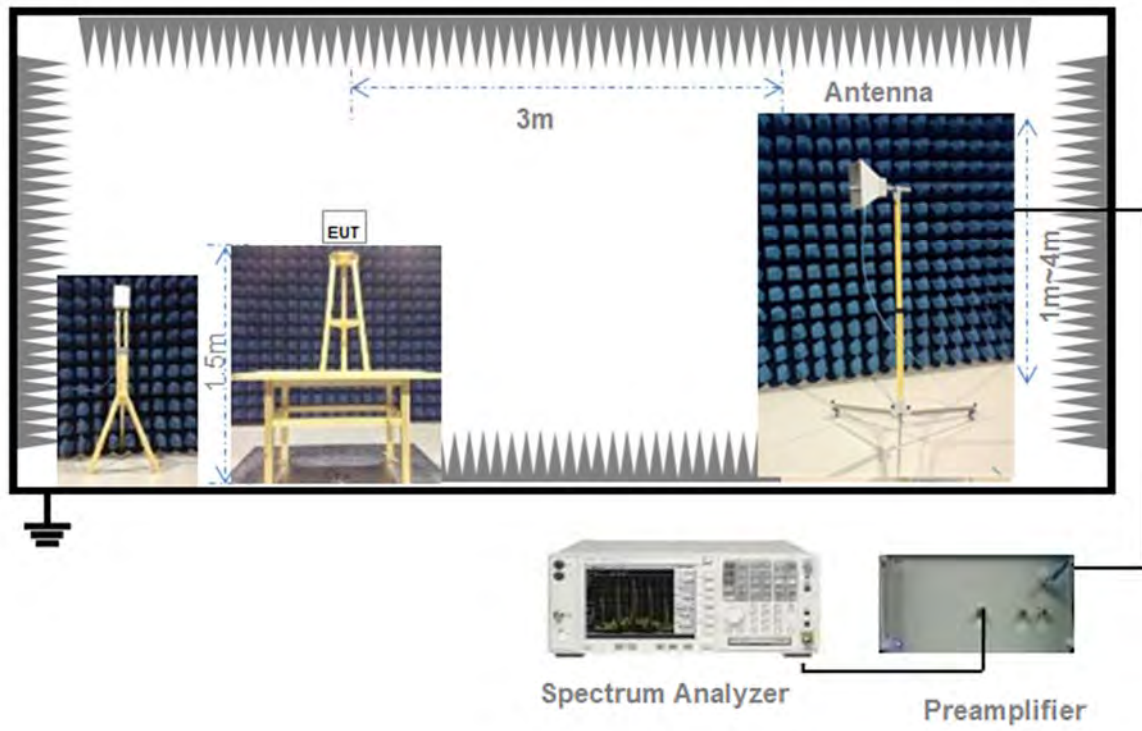
(Diagram 3)

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 band 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)

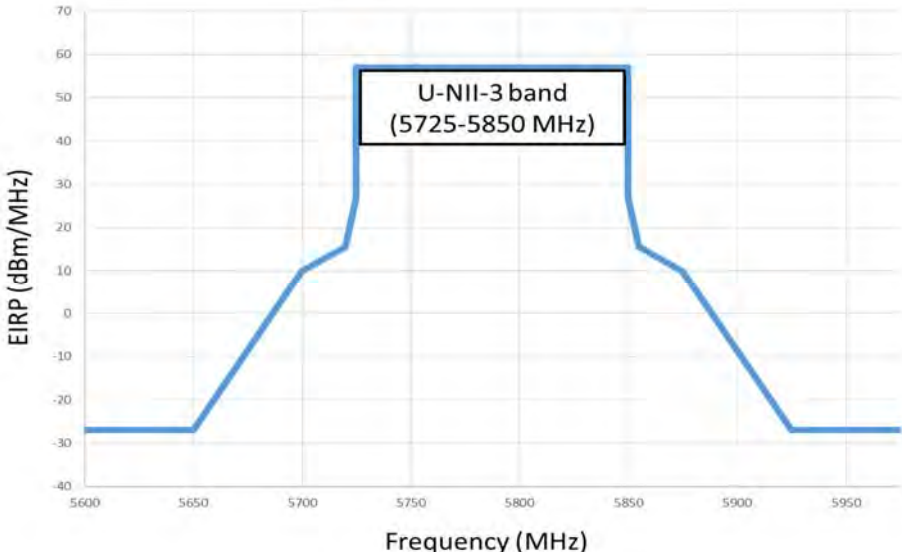
5.5.1 Limit

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.  The graph plots EIRP (dBm/MHz) on the y-axis (ranging from -40 to 70) against Frequency (MHz) on the x-axis (ranging from 5600 to 5950). A blue line represents the emission limit. It is flat at -27 dBm/MHz from 5600 to 5650 MHz, then rises linearly to 27 dBm/MHz at 5725 MHz. It remains at 27 dBm/MHz until 5850 MHz, then falls linearly back to -27 dBm/MHz at 5925 MHz, and remains flat at -27 dBm/MHz until 5950 MHz. A box labeled 'U-NII-3 band (5725-5850 MHz)' is placed over the top flat portion of the graph.

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

Band I (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.58	36.16	250	Pass
11a	CH44	15.26	33.60	250	Pass
11a	CH48	15.95	39.38	250	Pass
11n (HT20)	CH36	15.13	32.58	250	Pass
11n (HT20)	CH44	14.96	31.33	250	Pass
11n (HT20)	CH48	14.80	30.19	250	Pass
11n (HT40)	CH38	10.26	10.62	250	Pass
11n (HT40)	CH46	9.98	9.95	250	Pass
11ac (VHT20)	CH36	13.48	22.28	250	Pass
11ac (VHT20)	CH44	13.29	21.33	250	Pass
11ac (HVT20)	CH48	13.16	20.70	250	Pass
11ac (VHT40)	CH38	10.24	10.57	250	Pass
11ac (VHT40)	CH46	9.96	9.91	250	Pass
11ac (VHT80)	CH42	8.85	7.67	250	Pass

Band II (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	15.70	37.18	250	Pass
11a	CH60	15.42	34.86	250	Pass
11a	CH64	15.43	34.94	250	Pass
11n (HT20)	CH52	15.08	32.20	250	Pass
11n (HT20)	CH60	15.06	32.05	250	Pass
11n (HT20)	CH64	14.95	31.25	250	Pass
11n (HT40)	CH54	11.71	14.83	250	Pass
11n (HT40)	CH62	11.47	14.03	250	Pass
11ac (VHT20)	CH52	12.79	19.01	250	Pass
11ac (VHT20)	CH60	12.58	18.11	250	Pass
11ac (HVT20)	CH64	12.54	17.94	250	Pass
11ac (VHT40)	CH54	11.72	14.86	250	Pass
11ac (VHT40)	CH62	11.71	14.83	250	Pass
11ac (VHT80)	CH58	13.55	22.62	250	Pass

Band III (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.52	28.33	250	Pass
11a	CH116	14.13	25.90	250	Pass
11a	CH140	13.73	23.62	250	Pass
11n (HT20)	CH100	13.92	24.65	250	Pass
11n (HT20)	CH116	13.46	22.18	250	Pass
11n (HT20)	CH140	13.33	21.52	250	Pass
11n (HT40)	CH102	14.40	27.54	250	Pass
11n (HT40)	CH118	14.14	25.94	250	Pass
11n (HT40)	CH134	14.00	25.12	250	Pass
11ac (VHT20)	CH100	12.43	17.49	250	Pass
11ac (VHT20)	CH116	12.08	16.14	250	Pass
11ac (VHT20)	CH140	11.73	14.89	250	Pass
11ac (VHT40)	CH102	14.37	27.35	250	Pass
11ac (VHT40)	CH118	14.03	25.29	250	Pass
11ac (VHT40)	CH134	13.93	24.72	250	Pass
11ac (VHT80)	CH106	14.11	25.74	250	Pass
11ac (VHT80)	CH122	13.83	24.13	250	Pass

Band IV (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.23	16.72	1000	Pass
11a	CH157	12.42	17.47	1000	Pass
11a	CH165	12.41	17.43	1000	Pass
11n (HT20)	CH149	11.90	15.48	1000	Pass
11n (HT20)	CH157	11.80	15.13	1000	Pass
11n (HT20)	CH165	11.88	15.41	1000	Pass
11n (HT40)	CH151	12.57	18.07	1000	Pass
11n (HT40)	CH159	12.54	17.95	1000	Pass
11ac (VHT20)	CH149	12.30	16.98	1000	Pass
11ac (VHT20)	CH157	12.26	16.82	1000	Pass
11ac (VHT20)	CH165	12.23	16.71	1000	Pass
11ac (VHT40)	CH151	13.47	22.23	1000	Pass
11ac (VHT40)	CH159	13.43	22.03	1000	Pass
11ac (VHT80)	CH155	13.17	20.73	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2070455-604 Data Part 1.pdf”.

Test Data

Band I (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.24	16.73
11a	CH44	21.12	16.67
11a	CH48	21.16	16.73
11n (HT20)	CH36	21.60	17.89
11n (HT20)	CH44	21.72	17.83
11n (HT20)	CH48	21.52	17.83
11n (HT40)	CH38	40.20	36.47
11n (HT40)	CH46	40.30	36.47
11ac (VHT20)	CH36	20.92	17.77
11ac (VHT20)	CH44	20.96	17.71
11ac (HVT20)	CH48	21.04	17.71
11ac (VHT40)	CH38	40.20	36.47
11ac (VHT40)	CH46	40.10	36.35
11ac (VHT80)	CH42	81.40	75.72

Band II (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	21.24	16.73
11a	CH60	21.08	16.73
11a	CH64	21.12	16.73
11n (HT20)	CH52	21.72	17.89
11n (HT20)	CH60	21.64	17.95
11n (HT20)	CH64	21.68	17.89
11n (HT40)	CH54	40.30	36.58
11n (HT40)	CH62	40.10	36.35
11ac (VHT20)	CH52	21.00	17.77
11ac (VHT20)	CH60	20.88	17.77
11ac (VHT20)	CH64	21.00	17.71
11ac (VHT40)	CH54	40.20	36.58
11ac (VHT40)	CH62	40.10	36.35
11ac (VHT80)	CH58	81.80	75.72

Band III (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.16	16.73
11a	CH116	21.16	16.79
11a	CH140	21.20	16.73
11n (HT20)	CH100	21.88	17.89
11n (HT20)	CH116	21.88	17.95
11n (HT20)	CH140	21.64	17.95
11n (HT40)	CH102	40.40	36.58
11n (HT40)	CH118	40.80	36.58
11n (HT40)	CH134	40.90	36.58
11ac (VHT20)	CH100	21.68	17.95
11ac (VHT20)	CH116	21.80	17.95
11ac (VHT20)	CH140	21.68	17.89
11ac (VHT40)	CH102	40.60	36.47
11ac (VHT40)	CH118	40.50	36.47
11ac (VHT40)	CH134	40.80	36.58
11ac (VHT80)	CH106	83.20	76.18
11ac (VHT80)	CH122	82.60	75.95

Band IV (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	21.20	16.73
11a	CH157	21.24	16.73
11a	CH165	21.12	16.73
11n (HT20)	CH149	21.60	17.95
11n (HT20)	CH157	21.64	17.89
11n (HT20)	CH165	21.64	17.89
11n (HT40)	CH151	40.60	36.58
11n (HT40)	CH159	40.40	36.47
11ac (VHT20)	CH149	21.80	17.89
11ac (VHT20)	CH157	21.84	17.95
11ac (VHT20)	CH165	21.64	17.89
11ac (VHT40)	CH151	40.60	36.58
11ac (VHT40)	CH159	40.30	36.47
11ac (VHT80)	CH155	82.80	76.41

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2070455-604 Data Part 2.pdf".

Test Data

Band IV (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.47	500.00	Pass
11a	CH157	16.42	500.00	Pass
11a	CH165	16.42	500.00	Pass
11n (HT20)	CH149	17.27	500.00	Pass
11n (HT20)	CH157	17.37	500.00	Pass
11n (HT20)	CH165	17.42	500.00	Pass
11n (HT40)	CH151	36.12	500.00	Pass
11n (HT40)	CH159	35.82	500.00	Pass
11ac (VHT20)	CH149	17.42	500.00	Pass
11ac (VHT20)	CH157	17.62	500.00	Pass
11ac (VHT20)	CH165	17.67	500.00	Pass
11ac (VHT40)	CH151	36.02	500.00	Pass
11ac (VHT40)	CH159	35.82	500.00	Pass
11ac (VHT80)	CH155	75.27	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2070455-604 Data Part 3.pdf”.

Test Data

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

Band I (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.75	11.00	Pass
11a	CH44	4.97	11.00	Pass
11a	CH48	4.77	11.00	Pass
11n (HT20)	CH36	3.48	11.00	Pass
11n (HT20)	CH44	3.74	11.00	Pass
11n (HT20)	CH48	3.56	11.00	Pass
11n (HT40)	CH38	-5.38	11.00	Pass
11n (HT40)	CH46	-6.41	11.00	Pass
11ac (VHT20)	CH36	3.13	11.00	Pass
11ac (VHT20)	CH44	3.04	11.00	Pass
11ac (VHT20)	CH48	3.00	11.00	Pass
11ac (VHT40)	CH38	-6.63	11.00	Pass
11ac (VHT40)	CH46	-6.68	11.00	Pass
11ac (VHT80)	CH42	-12.19	11.00	Pass

Band II (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.76	11.00	Pass
11a	CH60	4.67	11.00	Pass
11a	CH64	4.84	11.00	Pass
11n (HT20)	CH52	3.69	11.00	Pass
11n (HT20)	CH60	3.98	11.00	Pass
11n (HT20)	CH64	3.79	11.00	Pass
11n (HT40)	CH54	-5.34	11.00	Pass
11n (HT40)	CH62	-4.07	11.00	Pass
11ac (VHT20)	CH52	2.09	11.00	Pass
11ac (VHT20)	CH60	2.28	11.00	Pass
11ac (VHT20)	CH64	2.19	11.00	Pass
11ac (VHT40)	CH54	-4.48	11.00	Pass
11ac (VHT40)	CH62	-4.10	11.00	Pass
11ac (VHT80)	CH58	-5.07	11.00	Pass

Band III (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	3.42	11.00	Pass
11a	CH116	2.37	11.00	Pass
11a	CH140	2.88	11.00	Pass
11n (HT20)	CH100	2.30	11.00	Pass
11n (HT20)	CH116	1.21	11.00	Pass
11n (HT20)	CH140	1.88	11.00	Pass
11n (HT40)	CH102	-2.30	11.00	Pass
11n (HT40)	CH118	-3.33	11.00	Pass
11n (HT40)	CH134	-4.19	11.00	Pass
11ac (VHT20)	CH100	1.60	11.00	Pass
11ac (VHT20)	CH116	0.89	11.00	Pass
11ac (VHT20)	CH140	1.05	11.00	Pass
11ac (VHT40)	CH102	-1.43	11.00	Pass
11ac (VHT40)	CH118	-3.24	11.00	Pass
11ac (VHT40)	CH134	-3.85	11.00	Pass
11ac (VHT80)	CH106	-7.46	11.00	Pass
11ac (VHT80)	CH122	-9.85	11.00	Pass

Band IV (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-1.77	30.00	Pass
11a	CH157	-1.02	30.00	Pass
11a	CH165	-1.23	30.00	Pass
11n (HT20)	CH149	-2.95	30.00	Pass
11n (HT20)	CH157	-1.91	30.00	Pass
11n (HT20)	CH165	-2.05	30.00	Pass
11n (HT40)	CH151	-6.67	30.00	Pass
11n (HT40)	CH159	-5.91	30.00	Pass
11ac (VHT20)	CH149	-1.53	30.00	Pass
11ac (VHT20)	CH157	-0.80	30.00	Pass
11ac (HVT20)	CH165	-0.50	30.00	Pass
11ac (VHT40)	CH151	-6.22	30.00	Pass
11ac (VHT40)	CH159	-5.01	30.00	Pass
11ac (VHT80)	CH155	-11.82	30.00	Pass

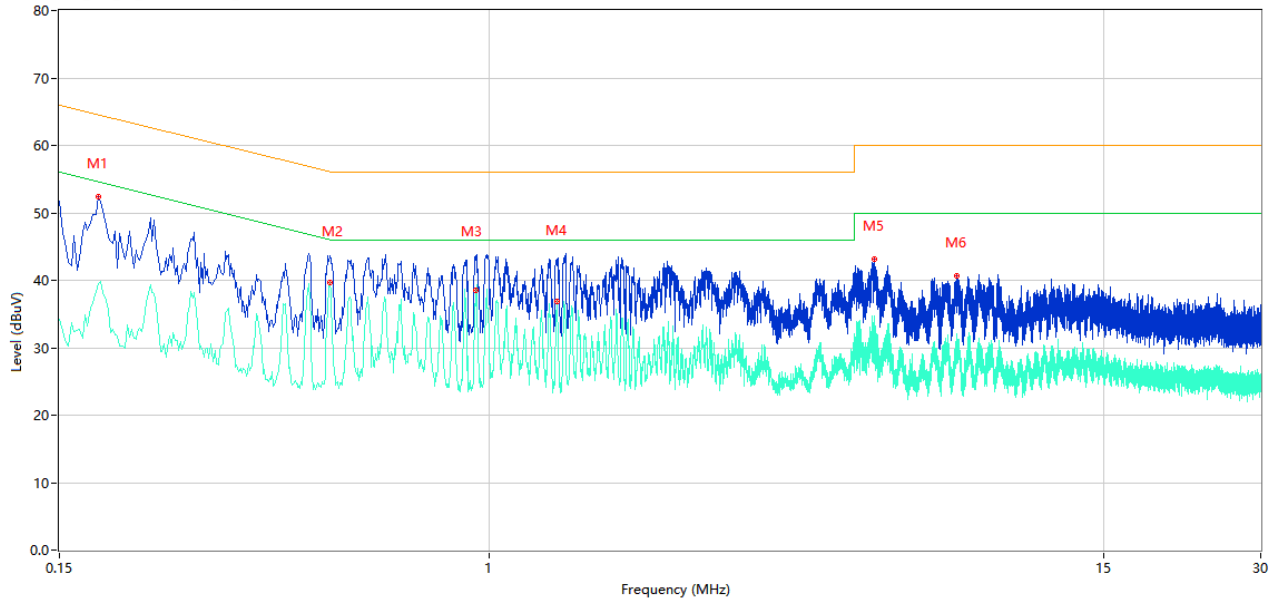
A.5 Conducted Emissions

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

Test Data and Plots

PHASE L

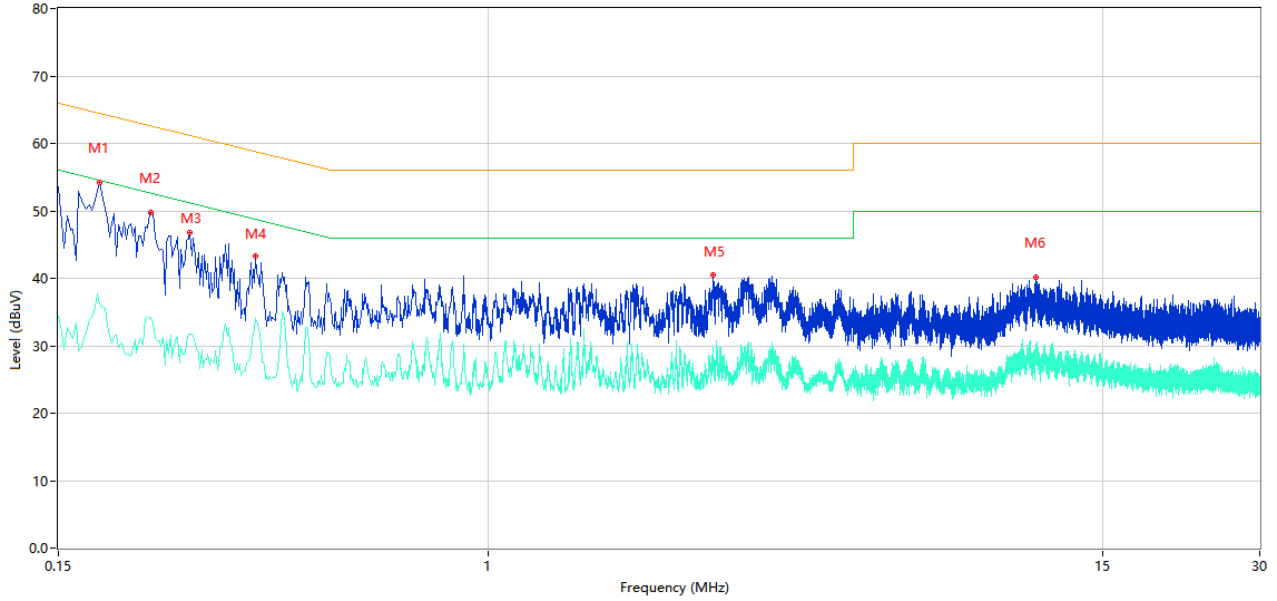
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.178	52.33	10.39	64.58	-12.25	Peak	L	Pass
1**	0.178	39.43	10.39	54.58	-15.15	AV	L	Pass
2	0.494	43.70	10.29	56.10	-12.40	Peak	L	Pass
2**	0.494	39.72	10.29	46.10	-6.38	AV	L	Pass
3	0.940	43.59	10.24	56.00	-12.41	Peak	L	Pass
3**	0.940	38.55	10.24	46.00	-7.45	AV	L	Pass
4	1.348	43.10	10.25	56.00	-12.90	Peak	L	Pass
4**	1.348	36.84	10.25	46.00	-9.16	AV	L	Pass
5	5.446	43.10	10.31	60.00	-16.90	Peak	L	Pass
5**	5.446	34.67	10.31	50.00	-15.33	AV	L	Pass
6	7.870	40.62	10.35	60.00	-19.38	Peak	L	Pass
6**	7.870	29.70	10.35	50.00	-20.30	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	0.180	54.26	10.39	64.49	-10.23	Peak	N	Pass
1**	0.180	36.26	10.39	54.49	-18.23	AV	N	Pass
2	0.226	49.83	10.36	62.60	-12.77	Peak	N	Pass
2**	0.226	34.17	10.36	52.60	-18.43	AV	N	Pass
3	0.268	46.82	10.34	61.18	-14.36	Peak	N	Pass
3**	0.268	31.79	10.34	51.18	-19.39	AV	N	Pass
4	0.358	43.28	10.31	58.77	-15.49	Peak	N	Pass
4**	0.358	34.09	10.31	48.77	-14.68	AV	N	Pass
5	2.688	40.46	10.28	56.00	-15.54	Peak	N	Pass
5**	2.688	26.26	10.28	46.00	-19.74	AV	N	Pass
6	11.174	40.24	10.38	60.00	-19.76	Peak	N	Pass
6**	11.174	30.25	10.38	50.00	-19.75	AV	N	Pass

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

Test Data

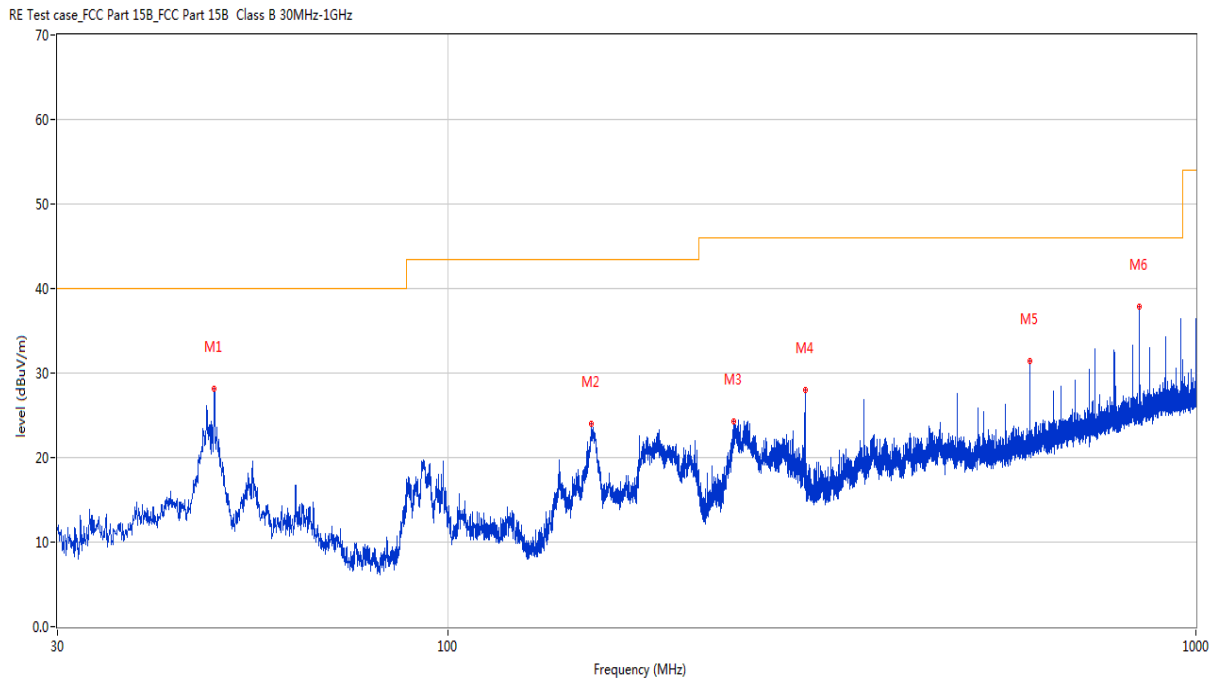
Note¹: The symbol of “--” in the table which means not application.

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. All modes have been tested and normal link mode is worst.

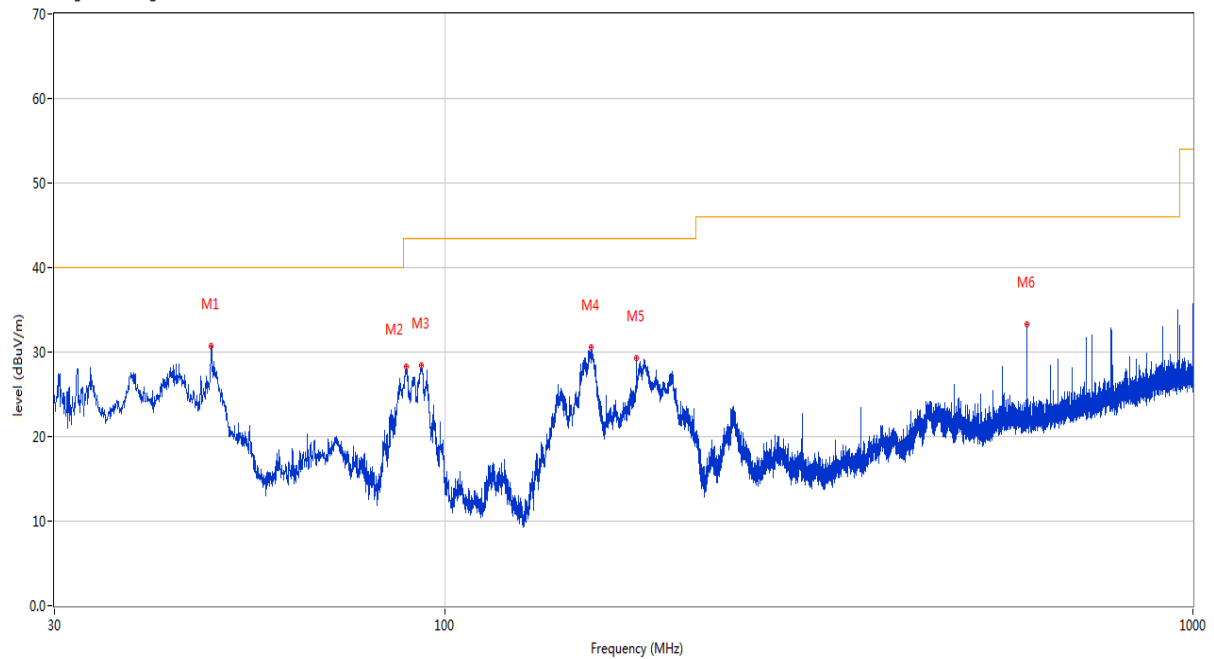
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.624	28.12	-22.51	40.0	-11.88	Peak	216.30	200	Horizontal	Pass
2	155.518	24.04	-27.34	43.5	-19.46	Peak	258.60	200	Horizontal	Pass
3	241.120	24.25	-22.91	46.0	-21.75	Peak	251.80	100	Horizontal	Pass
4	300.000	28.02	-21.96	46.0	-17.98	Peak	113.40	100	Horizontal	Pass
5	599.972	31.40	-14.57	46.0	-14.60	Peak	302.50	100	Horizontal	Pass
6	839.610	37.84	-11.33	46.0	-8.16	Peak	0.00	200	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	48.624	30.71	-22.51	40.0	-9.29	Peak	11.50	100	Vertical	Pass
2	88.782	28.23	-26.37	43.5	-15.27	Peak	350.00	100	Vertical	Pass
3	92.808	28.45	-25.52	43.5	-15.05	Peak	197.40	100	Vertical	Pass
4	156.634	30.63	-27.50	43.5	-12.87	Peak	19.90	100	Vertical	Pass
5	180.010	29.28	-26.04	43.5	-14.22	Peak	0.00	200	Vertical	Pass
6	600.020	33.25	-14.57	46.0	-12.75	Peak	0.90	100	Vertical	Pass

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

11a, Band I, 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	1566.100	37.69	-17.95	74.0	-36.31	Peak	9.00	150	Horizontal	Pass
1**	1566.100	28.22	-17.95	54.0	-25.78	AV	9.00	150	Horizontal	Pass
2	2785.400	42.85	-11.22	74.0	-31.15	Peak	300.00	150	Horizontal	Pass
2**	2785.400	33.37	-11.22	54.0	-20.63	AV	300.00	150	Horizontal	Pass
3	4008.000	47.87	-6.48	74.0	-26.13	Peak	10.00	150	Horizontal	Pass
3**	4008.000	37.75	-6.48	54.0	-16.25	AV	10.00	150	Horizontal	Pass
4	5181.400	106.37	-3.93	--	--	Peak	278.00	150	Horizontal	N/A
4**	5181.400	99.11	-3.93	--	--	AV	278.00	150	Horizontal	N/A
5	12251.763	49.30	-0.07	74.0	-24.70	Peak	132.00	150	Horizontal	Pass
5**	12251.763	44.31	-0.07	54.0	-9.69	AV	132.00	150	Horizontal	Pass
6	15524.625	47.07	4.53	74.0	-26.93	Peak	47.00	150	Horizontal	Pass
6**	15524.625	39.38	4.53	54.0	-14.62	AV	47.00	150	Horizontal	Pass

11a, Band I, 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	1560.300	38.18	-17.86	74.0	-35.82	Peak	259.00	150	Vertical	Pass
1**	1560.300	29.02	-17.86	54.0	-24.98	AV	259.00	150	Vertical	Pass
2	2805.600	42.92	-11.57	74.0	-31.08	Peak	208.00	150	Vertical	Pass
2**	2805.600	33.39	-11.57	54.0	-20.61	AV	208.00	150	Vertical	Pass
3	4082.200	47.43	-5.05	74.0	-26.57	Peak	322.00	150	Vertical	Pass
3**	4082.200	37.95	-5.05	54.0	-16.05	AV	322.00	150	Vertical	Pass
4	5179.000	106.85	-3.94	--	--	Peak	360.00	150	Vertical	N/A
4**	5179.000	100.11	-3.94	--	--	AV	360.00	150	Vertical	N/A
5	11999.912	51.16	-1.32	74.0	-22.84	Peak	165.00	150	Vertical	Pass
5**	11999.912	41.39	-1.32	54.0	-12.61	AV	165.00	150	Vertical	Pass
6	15474.750	47.86	5.57	74.0	-26.14	Peak	129.00	150	Vertical	Pass
6**	15474.750	39.16	5.57	54.0	-14.84	AV	129.00	150	Vertical	Pass

11a, Band I, 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	1568.500	37.89	-17.80	74.0	-36.11	Peak	198.00	150	Horizontal	Pass
1**	1568.500	28.46	-17.80	54.0	-25.54	AV	198.00	150	Horizontal	Pass
2	2813.700	43.53	-11.58	74.0	-30.47	Peak	69.00	150	Horizontal	Pass
2**	2813.700	33.04	-11.58	54.0	-20.96	AV	69.00	150	Horizontal	Pass
3	4000.400	46.66	-6.29	74.0	-27.34	Peak	214.00	150	Horizontal	Pass
3**	4000.400	37.15	-6.29	54.0	-16.85	AV	214.00	150	Horizontal	Pass
4	5220.800	106.21	-4.10	--	--	Peak	265.00	150	Horizontal	N/A
4**	5220.800	99.15	-4.10	--	--	AV	265.00	150	Horizontal	N/A
5	12099.100	51.81	-1.04	74.0	-22.19	Peak	251.00	150	Horizontal	Pass
5**	12099.100	43.04	-1.04	54.0	-10.96	AV	251.00	150	Horizontal	Pass
6	15704.438	47.54	4.51	74.0	-26.46	Peak	99.00	150	Horizontal	Pass
6**	15704.438	39.59	4.51	54.0	-14.41	AV	99.00	150	Horizontal	Pass

11a, Band I, 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	1482.500	38.35	-17.91	74.0	-35.65	Peak	262.00	150	Vertical	Pass
1**	1482.500	28.45	-17.91	54.0	-25.55	AV	262.00	150	Vertical	Pass
2	2783.700	42.75	-11.29	74.0	-31.25	Peak	285.00	150	Vertical	Pass
2**	2783.700	33.76	-11.29	54.0	-20.24	AV	285.00	150	Vertical	Pass
3	4067.800	46.95	-5.49	74.0	-27.05	Peak	298.00	150	Vertical	Pass
3**	4067.800	37.89	-5.49	54.0	-16.11	AV	298.00	150	Vertical	Pass
4	5218.600	106.75	-4.10	--	--	Peak	360.00	150	Vertical	N/A
4**	5218.600	99.55	-4.10	--	--	AV	360.00	150	Vertical	N/A
5	12269.587	51.75	0.06	74.0	-22.25	Peak	166.00	150	Vertical	Pass
5**	12269.587	42.64	0.06	54.0	-11.36	AV	166.00	150	Vertical	Pass
6	15717.562	47.02	4.52	74.0	-26.98	Peak	326.00	150	Vertical	Pass
6**	15717.562	40.23	4.52	54.0	-13.77	AV	326.00	150	Vertical	Pass

11a, Band I, 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	1528.000	37.98	-18.20	74.0	-36.02	Peak	331.00	150	Horizontal	Pass
1**	1528.000	29.52	-18.20	54.0	-24.48	AV	331.00	150	Horizontal	Pass
2	2879.500	43.73	-11.18	74.0	-30.27	Peak	301.00	150	Horizontal	Pass
2**	2879.500	33.34	-11.18	54.0	-20.66	AV	301.00	150	Horizontal	Pass
3	4082.400	47.33	-5.05	74.0	-26.67	Peak	85.00	150	Horizontal	Pass
3**	4082.400	38.45	-5.05	54.0	-15.55	AV	85.00	150	Horizontal	Pass
4	5238.600	106.37	-4.29	--	--	Peak	263.00	150	Horizontal	N/A
4**	5238.600	99.46	-4.29	--	--	AV	263.00	150	Horizontal	N/A
5	12111.462	52.18	-0.82	74.0	-21.82	Peak	161.00	150	Horizontal	Pass
5**	12111.462	42.12	-0.82	54.0	-11.88	AV	161.00	150	Horizontal	Pass
6	15489.188	47.52	5.45	74.0	-26.48	Peak	57.00	150	Horizontal	Pass
6**	15489.188	39.84	5.45	54.0	-14.16	AV	57.00	150	Horizontal	Pass

11a, Band I, 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	1495.600	38.11	-17.92	74.0	-35.89	Peak	70.00	150	Vertical	Pass
1**	1495.600	29.15	-17.92	54.0	-24.85	AV	70.00	150	Vertical	Pass
2	2788.900	42.41	-11.08	74.0	-31.59	Peak	110.00	150	Vertical	Pass
2**	2788.900	33.26	-11.08	54.0	-20.74	AV	110.00	150	Vertical	Pass
3	4082.200	46.44	-5.05	74.0	-27.56	Peak	195.00	150	Vertical	Pass
3**	4082.200	38.48	-5.05	54.0	-15.52	AV	195.00	150	Vertical	Pass
4	5238.600	106.93	-4.29	--	--	Peak	341.00	150	Vertical	N/A
4**	5238.600	99.89	-4.29	--	--	AV	341.00	150	Vertical	N/A
5	12009.687	48.62	-1.25	74.0	-25.38	Peak	49.00	150	Vertical	Pass
5**	12009.687	44.28	-1.25	54.0	-9.72	AV	49.00	150	Vertical	Pass
6	15714.938	47.52	4.52	74.0	-26.48	Peak	209.00	150	Vertical	Pass
6**	15714.938	40.31	4.52	54.0	-13.69	AV	209.00	150	Vertical	Pass

11n20, Band I, 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	1503.600	38.18	-18.01	74.0	-35.82	Peak	309.00	150	Horizontal	Pass
1**	1503.600	28.46	-18.01	54.0	-25.54	AV	309.00	150	Horizontal	Pass
2	2810.400	42.96	-11.60	74.0	-31.04	Peak	359.00	150	Horizontal	Pass
2**	2810.400	34.05	-11.60	54.0	-19.95	AV	359.00	150	Horizontal	Pass
3	4158.000	47.41	-5.71	74.0	-26.59	Peak	59.00	150	Horizontal	Pass
3**	4158.000	37.88	-5.71	54.0	-16.12	AV	59.00	150	Horizontal	Pass
4	5179.400	105.97	-3.94	--	--	Peak	147.00	150	Horizontal	N/A
4**	5179.400	98.69	-3.94	--	--	AV	147.00	150	Horizontal	N/A
5	12012.849	51.84	-1.23	74.0	-22.16	Peak	278.00	150	Horizontal	Pass
5**	12012.849	41.59	-1.23	54.0	-12.41	AV	278.00	150	Horizontal	Pass
6	15713.625	48.10	4.51	74.0	-25.90	Peak	115.00	150	Horizontal	Pass
6**	15713.625	39.49	4.51	54.0	-14.51	AV	115.00	150	Horizontal	Pass

11n20, Band I, 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	1535.000	38.66	-18.07	74.0	-35.34	Peak	255.00	150	Vertical	Pass
1**	1535.000	28.28	-18.07	54.0	-25.72	AV	255.00	150	Vertical	Pass
2	2795.700	43.56	-11.32	74.0	-30.44	Peak	264.00	150	Vertical	Pass
2**	2795.700	33.08	-11.32	54.0	-20.92	AV	264.00	150	Vertical	Pass
3	3878.800	47.21	-7.06	74.0	-26.79	Peak	13.00	150	Vertical	Pass
3**	3878.800	36.57	-7.06	54.0	-17.43	AV	13.00	150	Vertical	Pass
4	5181.600	105.56	-3.92	--	--	Peak	360.00	150	Vertical	N/A
4**	5181.600	99.13	-3.92	--	--	AV	360.00	150	Vertical	N/A
5	12073.513	51.49	-1.38	74.0	-22.51	Peak	127.00	150	Vertical	Pass
5**	12073.513	41.85	-1.38	54.0	-12.15	AV	127.00	150	Vertical	Pass
6	15709.688	46.82	4.51	74.0	-27.18	Peak	206.00	150	Vertical	Pass
6**	15709.688	40.31	4.51	54.0	-13.69	AV	206.00	150	Vertical	Pass

11n20, Band I, 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	1505.400	37.76	-17.98	74.0	-36.24	Peak	265.00	150	Horizontal	Pass
1**	1505.400	28.40	-17.98	54.0	-25.60	AV	265.00	150	Horizontal	Pass
2	2802.800	43.25	-11.49	74.0	-30.75	Peak	360.00	150	Horizontal	Pass
2**	2802.800	33.95	-11.49	54.0	-20.05	AV	360.00	150	Horizontal	Pass
3	4075.800	47.17	-5.33	74.0	-26.83	Peak	352.00	150	Horizontal	Pass
3**	4075.800	37.73	-5.33	54.0	-16.27	AV	352.00	150	Horizontal	Pass
4	5223.400	105.85	-4.18	--	--	Peak	153.00	150	Horizontal	N/A
4**	5223.400	98.13	-4.18	--	--	AV	153.00	150	Horizontal	N/A
5	12275.625	51.67	0.08	74.0	-22.33	Peak	360.00	150	Horizontal	Pass
5**	12275.625	42.09	0.08	54.0	-11.91	AV	360.00	150	Horizontal	Pass
6	15570.562	47.62	3.88	74.0	-26.38	Peak	13.00	150	Horizontal	Pass
6**	15570.562	39.48	3.88	54.0	-14.52	AV	13.00	150	Horizontal	Pass

11n20, Band I, 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	1331.500	39.99	-17.91	74.0	-34.01	Peak	143.00	150	Vertical	Pass
1**	1331.500	28.93	-17.91	54.0	-25.07	AV	143.00	150	Vertical	Pass
2	2815.400	43.24	-11.74	74.0	-30.76	Peak	49.00	150	Vertical	Pass
2**	2815.400	33.89	-11.74	54.0	-20.11	AV	49.00	150	Vertical	Pass
3	4000.000	47.12	-6.26	74.0	-26.88	Peak	95.00	150	Vertical	Pass
3**	4000.000	37.39	-6.26	54.0	-16.61	AV	95.00	150	Vertical	Pass
4	5218.800	106.29	-4.11	--	--	Peak	0.00	150	Vertical	N/A
4**	5218.800	99.23	-4.11	--	--	AV	0.00	150	Vertical	N/A
5	12334.850	51.17	-0.82	74.0	-22.83	Peak	300.00	150	Vertical	Pass
5**	12334.850	42.04	-0.82	54.0	-11.96	AV	300.00	150	Vertical	Pass
6	16128.375	48.33	5.74	74.0	-25.67	Peak	287.00	150	Vertical	Pass
6**	16128.375	40.19	5.74	54.0	-13.81	AV	287.00	150	Vertical	Pass

11n20, Band I, 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	1534.600	37.92	-18.06	74.0	-36.08	Peak	98.00	150	Horizontal	Pass
1**	1534.600	28.22	-18.06	54.0	-25.78	AV	98.00	150	Horizontal	Pass
2	2767.400	43.24	-11.54	74.0	-30.76	Peak	229.00	150	Horizontal	Pass
2**	2767.400	33.60	-11.54	54.0	-20.40	AV	229.00	150	Horizontal	Pass
3	4222.600	47.88	-5.86	74.0	-26.12	Peak	169.00	150	Horizontal	Pass
3**	4222.600	37.61	-5.86	54.0	-16.39	AV	169.00	150	Horizontal	Pass
4	5238.200	105.56	-4.32	--	--	Peak	253.00	150	Horizontal	N/A
4**	5238.200	98.13	-4.32	--	--	AV	253.00	150	Horizontal	N/A
5	12269.875	52.14	0.06	74.0	-21.86	Peak	188.00	150	Horizontal	Pass
5**	12269.875	42.43	0.06	54.0	-11.57	AV	188.00	150	Horizontal	Pass
6	15703.125	47.43	4.51	74.0	-26.57	Peak	205.00	150	Horizontal	Pass
6**	15703.125	39.41	4.51	54.0	-14.59	AV	205.00	150	Horizontal	Pass

11n20, Band I, 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	1333.400	40.52	-17.96	74.0	-33.48	Peak	122.00	150	Vertical	Pass
1**	1333.400	33.26	-17.96	54.0	-20.74	AV	122.00	150	Vertical	Pass
2	2794.600	42.86	-11.20	74.0	-31.14	Peak	52.00	150	Vertical	Pass
2**	2794.600	33.99	-11.20	54.0	-20.01	AV	52.00	150	Vertical	Pass
3	4082.600	48.27	-5.05	74.0	-25.73	Peak	129.00	150	Vertical	Pass
3**	4082.600	37.53	-5.05	54.0	-16.47	AV	129.00	150	Vertical	Pass
4	5238.800	106.20	-4.27	--	--	Peak	359.00	150	Vertical	N/A
4**	5238.800	99.52	-4.27	--	--	AV	359.00	150	Vertical	N/A
5	11626.162	51.34	-0.23	74.0	-22.66	Peak	115.00	150	Vertical	Pass
5**	11626.162	41.51	-0.23	54.0	-12.49	AV	115.00	150	Vertical	Pass
6	15966.937	47.24	5.30	74.0	-26.76	Peak	76.00	150	Vertical	Pass
6**	15966.937	39.28	5.30	54.0	-14.72	AV	76.00	150	Vertical	Pass

11n40, Band I, 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	1537.200	38.32	-18.06	74.0	-35.68	Peak	259.00	150	Horizontal	Pass
1**	1537.200	28.26	-18.06	54.0	-25.74	AV	259.00	150	Horizontal	Pass
2	2782.000	42.89	-11.29	74.0	-31.11	Peak	8.00	150	Horizontal	Pass
2**	2782.000	33.50	-11.29	54.0	-20.50	AV	8.00	150	Horizontal	Pass
3	4094.200	47.15	-5.77	74.0	-26.85	Peak	327.00	150	Horizontal	Pass
3**	4094.200	37.83	-5.77	54.0	-16.17	AV	327.00	150	Horizontal	Pass
4	5185.000	103.54	-3.91	--	--	Peak	156.00	150	Horizontal	N/A
4**	5185.000	95.51	-3.91	--	--	AV	156.00	150	Horizontal	N/A
5	12106.287	51.78	-0.91	74.0	-22.22	Peak	360.00	150	Horizontal	Pass
5**	12106.287	43.14	-0.91	54.0	-10.86	AV	360.00	150	Horizontal	Pass
6	16074.563	48.06	5.02	74.0	-25.94	Peak	313.00	150	Horizontal	Pass
6**	16074.563	38.46	5.02	54.0	-15.54	AV	313.00	150	Horizontal	Pass

11n40, Band I, 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	1353.900	38.34	-17.92	74.0	-35.66	Peak	210.00	150	Vertical	Pass
1**	1353.900	28.28	-17.92	54.0	-25.72	AV	210.00	150	Vertical	Pass
2	2783.300	42.47	-11.29	74.0	-31.53	Peak	284.00	150	Vertical	Pass
2**	2783.300	33.82	-11.29	54.0	-20.18	AV	284.00	150	Vertical	Pass
3	3970.600	47.24	-6.69	74.0	-26.76	Peak	335.00	150	Vertical	Pass
3**	3970.600	37.30	-6.69	54.0	-16.70	AV	335.00	150	Vertical	Pass
4	5185.800	104.06	-3.94	--	--	Peak	360.00	150	Vertical	N/A
4**	5185.800	96.67	-3.94	--	--	AV	360.00	150	Vertical	N/A
5	11415.713	51.13	-1.26	74.0	-22.87	Peak	32.00	150	Vertical	Pass
5**	11415.713	41.27	-1.26	54.0	-12.73	AV	32.00	150	Vertical	Pass
6	15741.187	47.81	4.21	74.0	-26.19	Peak	65.00	150	Vertical	Pass
6**	15741.187	39.30	4.21	54.0	-14.70	AV	65.00	150	Vertical	Pass

11n40, Band I, 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	1549.800	38.14	-18.00	74.0	-35.86	Peak	225.00	150	Horizontal	Pass
1**	1549.800	28.88	-18.00	54.0	-25.12	AV	225.00	150	Horizontal	Pass
2	2784.900	42.80	-11.25	74.0	-31.20	Peak	210.00	150	Horizontal	Pass
2**	2784.900	33.71	-11.25	54.0	-20.29	AV	210.00	150	Horizontal	Pass
3	4198.400	47.21	-5.99	74.0	-26.79	Peak	34.00	150	Horizontal	Pass
3**	4198.400	37.66	-5.99	54.0	-16.34	AV	34.00	150	Horizontal	Pass
4	5228.200	104.42	-4.08	--	--	Peak	262.00	150	Horizontal	N/A
4**	5228.200	97.25	-4.08	--	--	AV	262.00	150	Horizontal	N/A
5	12173.850	51.07	-0.95	74.0	-22.93	Peak	131.00	150	Horizontal	Pass
5**	12173.850	42.65	-0.95	54.0	-11.35	AV	131.00	150	Horizontal	Pass
6	15729.375	46.95	4.37	74.0	-27.05	Peak	215.00	150	Horizontal	Pass
6**	15729.375	40.47	4.37	54.0	-13.53	AV	215.00	150	Horizontal	Pass

11n40, Band I, 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	1333.400	39.49	-17.96	74.0	-34.51	Peak	102.00	150	Vertical	Pass
1**	1333.400	28.44	-17.96	54.0	-25.56	AV	102.00	150	Vertical	Pass
2	2814.100	42.77	-11.62	74.0	-31.23	Peak	124.00	150	Vertical	Pass
2**	2814.100	33.58	-11.62	54.0	-20.42	AV	124.00	150	Vertical	Pass
3	4284.800	47.95	-5.11	74.0	-26.05	Peak	8.00	150	Vertical	Pass
3**	4284.800	38.09	-5.11	54.0	-15.91	AV	8.00	150	Vertical	Pass
4	5231.800	103.95	-4.23	--	--	Peak	360.00	150	Vertical	N/A
4**	5231.800	96.56	-4.23	--	--	AV	360.00	150	Vertical	N/A
5	12132.163	51.19	-0.67	74.0	-22.81	Peak	223.00	150	Vertical	Pass
5**	12132.163	41.90	-0.67	54.0	-12.10	AV	223.00	150	Vertical	Pass
6	15831.750	47.13	4.41	74.0	-26.87	Peak	194.00	150	Vertical	Pass
6**	15831.750	38.06	4.41	54.0	-15.94	AV	194.00	150	Vertical	Pass

11ac20, Band I, 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	1535.400	37.89	-18.07	74.0	-36.11	Peak	111.00	150	Horizontal	Pass
1**	1535.400	28.58	-18.07	54.0	-25.42	AV	111.00	150	Horizontal	Pass
2	2785.300	43.45	-11.23	74.0	-30.55	Peak	294.00	150	Horizontal	Pass
2**	2785.300	32.96	-11.23	54.0	-21.04	AV	294.00	150	Horizontal	Pass
3	4086.600	47.57	-5.28	74.0	-26.43	Peak	205.00	150	Horizontal	Pass
3**	4086.600	37.46	-5.28	54.0	-16.54	AV	205.00	150	Horizontal	Pass
4	5179.200	105.63	-3.94	--	--	Peak	265.00	150	Horizontal	N/A
4**	5179.200	99.15	-3.94	--	--	AV	265.00	150	Horizontal	N/A
5	11592.526	51.36	-0.09	74.0	-22.64	Peak	207.00	150	Horizontal	Pass
5**	11592.526	42.47	-0.09	54.0	-11.53	AV	207.00	150	Horizontal	Pass
6	15569.250	46.93	3.88	74.0	-27.07	Peak	0.00	150	Horizontal	Pass
6**	15569.250	39.13	3.88	54.0	-14.87	AV	0.00	150	Horizontal	Pass

11ac20, Band I, 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	1561.800	38.48	-17.86	74.0	-35.52	Peak	103.00	150	Vertical	Pass
1**	1561.800	29.26	-17.86	54.0	-24.74	AV	103.00	150	Vertical	Pass
2	2798.100	43.39	-11.42	74.0	-30.61	Peak	313.00	150	Vertical	Pass
2**	2798.100	33.23	-11.42	54.0	-20.77	AV	313.00	150	Vertical	Pass
3	4084.800	47.15	-5.14	74.0	-26.85	Peak	262.00	150	Vertical	Pass
3**	4084.800	38.04	-5.14	54.0	-15.96	AV	262.00	150	Vertical	Pass
4	5178.400	105.64	-3.95	--	--	Peak	8.00	150	Vertical	N/A
4**	5178.400	98.09	-3.95	--	--	AV	8.00	150	Vertical	N/A
5	12070.925	51.16	-1.41	74.0	-22.84	Peak	51.00	150	Vertical	Pass
5**	12070.925	41.96	-1.41	54.0	-12.04	AV	51.00	150	Vertical	Pass
6	15543.000	46.76	3.86	74.0	-27.24	Peak	339.00	150	Vertical	Pass
6**	15543.000	39.04	3.86	54.0	-14.96	AV	339.00	150	Vertical	Pass

11ac20, Band I, 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	1557.800	37.60	-17.97	74.0	-36.40	Peak	13.00	150	Horizontal	Pass
1**	1557.800	28.48	-17.97	54.0	-25.52	AV	13.00	150	Horizontal	Pass
2	2797.000	43.73	-11.42	74.0	-30.27	Peak	13.00	150	Horizontal	Pass
2**	2797.000	34.26	-11.42	54.0	-19.74	AV	13.00	150	Horizontal	Pass
3	4083.400	47.64	-5.08	74.0	-26.36	Peak	289.00	150	Horizontal	Pass
3**	4083.400	37.66	-5.08	54.0	-16.34	AV	289.00	150	Horizontal	Pass
4	5221.400	106.39	-4.10	--	--	Peak	165.00	150	Horizontal	N/A
4**	5221.400	101.01	-4.10	--	--	AV	165.00	150	Horizontal	N/A
5	12335.425	51.19	-0.84	74.0	-22.81	Peak	326.00	150	Horizontal	Pass
5**	12335.425	42.12	-0.84	54.0	-11.88	AV	326.00	150	Horizontal	Pass
6	15759.563	46.85	4.35	74.0	-27.15	Peak	108.00	150	Horizontal	Pass
6**	15759.563	38.17	4.35	54.0	-15.83	AV	108.00	150	Horizontal	Pass

11ac20, Band I, 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	1560.100	38.53	-17.86	74.0	-35.47	Peak	287.00	150	Vertical	Pass
1**	1560.100	29.96	-17.86	54.0	-24.04	AV	287.00	150	Vertical	Pass
2	2801.200	42.54	-11.41	74.0	-31.46	Peak	93.00	150	Vertical	Pass
2**	2801.200	33.30	-11.41	54.0	-20.70	AV	93.00	150	Vertical	Pass
3	4083.800	46.92	-5.09	74.0	-27.08	Peak	258.00	150	Vertical	Pass
3**	4083.800	38.69	-5.09	54.0	-15.31	AV	258.00	150	Vertical	Pass
4	5219.200	107.18	-4.13	--	--	Peak	360.00	150	Vertical	N/A
4**	5219.200	100.20	-4.13	--	--	AV	360.00	150	Vertical	N/A
5	12107.150	51.17	-0.90	74.0	-22.83	Peak	0.00	150	Vertical	Pass
5**	12107.150	42.61	-0.90	54.0	-11.39	AV	0.00	150	Vertical	Pass
6	15714.938	47.28	4.52	74.0	-26.72	Peak	92.00	150	Vertical	Pass
6**	15714.938	38.99	4.52	54.0	-15.01	AV	92.00	150	Vertical	Pass

11ac20, Band I, 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	1329.200	38.86	-17.81	74.0	-35.14	Peak	324.00	150	Horizontal	Pass
1**	1329.200	31.65	-17.81	54.0	-22.35	AV	324.00	150	Horizontal	Pass
2	2791.000	42.58	-11.10	74.0	-31.42	Peak	218.00	150	Horizontal	Pass
2**	2791.000	33.46	-11.10	54.0	-20.54	AV	218.00	150	Horizontal	Pass
3	4015.400	47.49	-6.55	74.0	-26.51	Peak	20.00	150	Horizontal	Pass
3**	4015.400	37.46	-6.55	54.0	-16.54	AV	20.00	150	Horizontal	Pass
4	5240.800	105.88	-4.18	--	--	Peak	299.00	150	Horizontal	N/A
4**	5240.800	98.76	-4.18	--	--	AV	299.00	150	Horizontal	N/A
5	11588.500	51.48	-0.05	74.0	-22.52	Peak	83.00	150	Horizontal	Pass
5**	11588.500	42.01	-0.05	54.0	-11.99	AV	83.00	150	Horizontal	Pass
6	15704.438	47.41	4.51	74.0	-26.59	Peak	12.00	150	Horizontal	Pass
6**	15704.438	39.57	4.51	54.0	-14.43	AV	12.00	150	Horizontal	Pass

11ac20, Band I, 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	1330.300	42.22	-17.85	74.0	-31.78	Peak	130.00	100	Vertical	Pass
1**	1330.300	30.40	-17.85	54.0	-23.60	AV	130.00	100	Vertical	Pass
2	2771.400	42.58	-11.49	74.0	-31.42	Peak	29.00	100	Vertical	Pass
2**	2771.400	33.66	-11.49	54.0	-20.34	AV	29.00	100	Vertical	Pass
3	4075.800	47.82	-5.33	74.0	-26.18	Peak	336.00	100	Vertical	Pass
3**	4075.800	38.45	-5.33	54.0	-15.55	AV	336.00	100	Vertical	Pass
4	5241.000	105.71	-4.19	--	--	Peak	360.00	100	Vertical	N/A
4**	5241.000	97.71	-4.19	--	--	AV	360.00	100	Vertical	N/A
5	11701.775	51.44	-0.75	74.0	-22.56	Peak	207.00	100	Vertical	Pass
5**	11701.775	41.20	-0.75	54.0	-12.80	AV	207.00	100	Vertical	Pass
6	15621.750	46.48	4.96	74.0	-27.52	Peak	184.00	100	Vertical	Pass
6**	15621.750	39.29	4.96	54.0	-14.71	AV	184.00	100	Vertical	Pass

11ac40, Band I, 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	1520.500	38.80	-18.11	74.0	-35.20	Peak	325.00	150	Horizontal	Pass
1**	1520.500	28.63	-18.11	54.0	-25.37	AV	325.00	150	Horizontal	Pass
2	2802.500	42.08	-11.47	74.0	-31.92	Peak	77.00	150	Horizontal	Pass
2**	2802.500	33.89	-11.47	54.0	-20.11	AV	77.00	150	Horizontal	Pass
3	3975.000	46.48	-6.65	74.0	-27.52	Peak	207.00	150	Horizontal	Pass
3**	3975.000	37.00	-6.65	54.0	-17.00	AV	207.00	150	Horizontal	Pass
4	5187.800	102.68	-3.99	--	--	Peak	310.00	150	Horizontal	N/A
4**	5187.800	95.53	-3.99	--	--	AV	310.00	150	Horizontal	N/A
5	11578.724	51.61	0.03	74.0	-22.39	Peak	171.00	150	Horizontal	Pass
5**	11578.724	41.98	0.03	54.0	-12.02	AV	171.00	150	Horizontal	Pass
6	15804.188	46.70	4.28	74.0	-27.30	Peak	73.00	150	Horizontal	Pass
6**	15804.188	38.30	4.28	54.0	-15.70	AV	73.00	150	Horizontal	Pass

11ac40, Band I, 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	1330.400	38.82	-17.86	74.0	-35.18	Peak	129.00	150	Vertical	Pass
1**	1330.400	31.01	-17.86	54.0	-22.99	AV	129.00	150	Vertical	Pass
2	2791.000	43.36	-11.10	74.0	-30.64	Peak	44.00	150	Vertical	Pass
2**	2791.000	33.88	-11.10	54.0	-20.12	AV	44.00	150	Vertical	Pass
3	4192.800	48.13	-5.87	74.0	-25.87	Peak	360.00	150	Vertical	Pass
3**	4192.800	37.83	-5.87	54.0	-16.17	AV	360.00	150	Vertical	Pass
4	5193.200	102.95	-3.91	--	--	Peak	355.00	150	Vertical	N/A
4**	5193.200	95.02	-3.91	--	--	AV	355.00	150	Vertical	N/A
5	12264.412	51.09	0.05	74.0	-22.91	Peak	293.00	150	Vertical	Pass
5**	12264.412	42.62	0.05	54.0	-11.38	AV	293.00	150	Vertical	Pass
6	15627.000	47.01	5.08	74.0	-26.99	Peak	322.00	150	Vertical	Pass
6**	15627.000	39.74	5.08	54.0	-14.26	AV	322.00	150	Vertical	Pass

11ac40, Band I, 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	1484.500	38.52	-17.95	74.0	-35.48	Peak	273.00	150	Horizontal	Pass
1**	1484.500	28.69	-17.95	54.0	-25.31	AV	273.00	150	Horizontal	Pass
2	2813.700	42.50	-11.58	74.0	-31.50	Peak	92.00	150	Horizontal	Pass
2**	2813.700	34.55	-11.58	54.0	-19.45	AV	92.00	150	Horizontal	Pass
3	4183.200	47.77	-5.82	74.0	-26.23	Peak	239.00	150	Horizontal	Pass
3**	4183.200	37.94	-5.82	54.0	-16.06	AV	239.00	150	Horizontal	Pass
4	5227.800	103.38	-4.07	--	--	Peak	360.00	150	Horizontal	N/A
4**	5227.800	95.88	-4.07	--	--	AV	360.00	150	Horizontal	N/A
5	12069.488	50.90	-1.42	74.0	-23.10	Peak	120.00	150	Horizontal	Pass
5**	12069.488	41.91	-1.42	54.0	-12.09	AV	120.00	150	Horizontal	Pass
6	15797.625	47.95	4.21	74.0	-26.05	Peak	293.00	150	Horizontal	Pass
6**	15797.625	39.09	4.21	54.0	-14.91	AV	293.00	150	Horizontal	Pass

11ac40, Band I, 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	1557.000	37.77	-17.96	74.0	-36.23	Peak	112.00	150	Vertical	Pass
1**	1557.000	28.27	-17.96	54.0	-25.73	AV	112.00	150	Vertical	Pass
2	2848.800	43.37	-11.66	74.0	-30.63	Peak	278.00	150	Vertical	Pass
2**	2848.800	33.33	-11.66	54.0	-20.67	AV	278.00	150	Vertical	Pass
3	4081.400	47.39	-5.09	74.0	-26.61	Peak	254.00	150	Vertical	Pass
3**	4081.400	38.76	-5.09	54.0	-15.24	AV	254.00	150	Vertical	Pass
4	5223.600	103.09	-4.17	--	--	Peak	9.00	150	Vertical	N/A
4**	5223.600	95.07	-4.17	--	--	AV	9.00	150	Vertical	N/A
5	11594.537	51.51	-0.10	74.0	-22.49	Peak	274.00	150	Vertical	Pass
5**	11594.537	42.19	-0.10	54.0	-11.81	AV	274.00	150	Vertical	Pass
6	15617.812	46.97	4.85	74.0	-27.03	Peak	55.00	150	Vertical	Pass
6**	15617.812	39.44	4.85	54.0	-14.56	AV	55.00	150	Vertical	Pass

11ac80, Band I, 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	1490.300	37.45	-18.04	74.0	-36.55	Peak	255.00	150	Horizontal	Pass
1**	1490.300	28.46	-18.04	54.0	-25.54	AV	255.00	150	Horizontal	Pass
2	2803.800	42.28	-11.53	74.0	-31.72	Peak	59.00	150	Horizontal	Pass
2**	2803.800	33.23	-11.53	54.0	-20.77	AV	59.00	150	Horizontal	Pass
3	4037.400	47.27	-5.79	74.0	-26.73	Peak	156.00	150	Horizontal	Pass
3**	4037.400	37.46	-5.79	54.0	-16.54	AV	156.00	150	Horizontal	Pass
4	5220.400	100.70	-4.11	--	--	Peak	360.00	150	Horizontal	N/A
4**	5220.400	92.46	-4.11	--	--	AV	360.00	150	Horizontal	N/A
5	12268.151	51.32	0.06	74.0	-22.68	Peak	191.00	150	Horizontal	Pass
5**	12268.151	42.24	0.06	54.0	-11.76	AV	191.00	150	Horizontal	Pass
6	15720.188	47.15	4.52	74.0	-26.85	Peak	29.00	150	Horizontal	Pass
6**	15720.188	40.64	4.52	54.0	-13.36	AV	29.00	150	Horizontal	Pass

11ac80, Band I, 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	1329.500	40.78	-17.82	74.0	-33.22	Peak	121.00	150	Vertical	Pass
1**	1329.500	29.12	-17.82	54.0	-24.88	AV	121.00	150	Vertical	Pass
2	2787.600	43.13	-11.10	74.0	-30.87	Peak	156.00	150	Vertical	Pass
2**	2787.600	33.51	-11.10	54.0	-20.49	AV	156.00	150	Vertical	Pass
3	4122.000	47.08	-5.71	74.0	-26.92	Peak	360.00	150	Vertical	Pass
3**	4122.000	37.54	-5.71	54.0	-16.46	AV	360.00	150	Vertical	Pass
4	5211.600	98.97	-3.87	--	--	Peak	357.00	150	Vertical	N/A
4**	5211.600	91.63	-3.87	--	--	AV	357.00	150	Vertical	N/A
5	12097.950	51.83	-1.06	74.0	-22.17	Peak	117.00	150	Vertical	Pass
5**	12097.950	42.19	-1.06	54.0	-11.81	AV	117.00	150	Vertical	Pass
6	15697.875	46.76	4.57	74.0	-27.24	Peak	132.00	150	Vertical	Pass
6**	15697.875	38.89	4.57	54.0	-15.11	AV	132.00	150	Vertical	Pass

11a, Band II, 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	1532.500	37.62	-18.06	74.0	-36.38	Peak	247.00	150	Horizontal	Pass
1**	1532.500	29.18	-18.06	54.0	-24.82	AV	247.00	150	Horizontal	Pass
2	3814.200	45.84	-6.86	74.0	-28.16	Peak	57.00	150	Horizontal	Pass
2**	3814.200	36.65	-6.86	54.0	-17.35	AV	57.00	150	Horizontal	Pass
3	4831.800	49.96	-4.21	74.0	-24.04	Peak	327.00	150	Horizontal	Pass
3**	4831.800	40.84	-4.21	54.0	-13.16	AV	327.00	150	Horizontal	Pass
4	5256.600	106.33	-4.02	--	--	Peak	156.00	150	Horizontal	N/A
4**	5256.600	98.53	-4.02	--	--	AV	156.00	150	Horizontal	N/A
5	11141.151	49.89	-1.68	74.0	-24.11	Peak	279.00	150	Horizontal	Pass
5**	11141.151	41.50	-1.68	54.0	-12.50	AV	279.00	150	Horizontal	Pass
6	12266.138	51.61	0.05	74.0	-22.39	Peak	210.00	150	Horizontal	Pass
6**	12266.138	42.92	0.05	54.0	-11.08	AV	210.00	150	Horizontal	Pass

11a, Band II, 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	2738.200	42.76	-11.58	74.0	-31.24	Peak	131.00	150	Vertical	Pass
1**	2738.200	33.58	-11.58	54.0	-20.42	AV	131.00	150	Vertical	Pass
2	4024.800	46.80	-6.31	74.0	-27.20	Peak	218.00	150	Vertical	Pass
2**	4024.800	36.90	-6.31	54.0	-17.10	AV	218.00	150	Vertical	Pass
3	4791.800	49.30	-3.89	74.0	-24.70	Peak	19.00	150	Vertical	Pass
3**	4791.800	39.39	-3.89	54.0	-14.61	AV	19.00	150	Vertical	Pass
4	5258.000	105.77	-3.99	--	--	Peak	350.00	150	Vertical	N/A
4**	5258.000	98.60	-3.99	--	--	AV	350.00	150	Vertical	N/A
5	11081.062	50.25	-0.56	74.0	-23.75	Peak	348.00	150	Vertical	Pass
5**	11081.062	40.82	-0.56	54.0	-13.18	AV	348.00	150	Vertical	Pass
6	12275.338	52.04	0.08	74.0	-21.96	Peak	272.00	150	Vertical	Pass
6**	12275.338	42.03	0.08	54.0	-11.97	AV	272.00	150	Vertical	Pass

11a, Band II, 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	1537.800	37.50	-18.04	74.0	-36.50	Peak	276.00	150	Horizontal	Pass
1**	1537.800	29.41	-18.04	54.0	-24.59	AV	276.00	150	Horizontal	Pass
2	3774.600	45.69	-7.33	74.0	-28.31	Peak	314.00	150	Horizontal	Pass
2**	3774.600	36.49	-7.33	54.0	-17.51	AV	314.00	150	Horizontal	Pass
3	4869.600	50.07	-3.85	74.0	-23.93	Peak	20.00	150	Horizontal	Pass
3**	4869.600	40.67	-3.85	54.0	-13.33	AV	20.00	150	Horizontal	Pass
4	5298.800	106.70	-3.86	--	--	Peak	360.00	150	Horizontal	N/A
4**	5298.800	99.81	-3.86	--	--	AV	360.00	150	Horizontal	N/A
5	11186.862	50.22	-1.96	74.0	-23.78	Peak	175.00	150	Horizontal	Pass
5**	11186.862	41.61	-1.96	54.0	-12.39	AV	175.00	150	Horizontal	Pass
6	12268.151	51.70	0.06	74.0	-22.30	Peak	102.00	150	Horizontal	Pass
6**	12268.151	42.96	0.06	54.0	-11.04	AV	102.00	150	Horizontal	Pass

11a, Band II, 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	1330.500	40.34	-17.86	74.0	-33.66	Peak	124.00	150	Vertical	Pass
1**	1330.500	28.63	-17.86	54.0	-25.37	AV	124.00	150	Vertical	Pass
2	3801.200	46.01	-6.88	74.0	-27.99	Peak	315.00	150	Vertical	Pass
2**	3801.200	36.36	-6.88	54.0	-17.64	AV	315.00	150	Vertical	Pass
3	5006.000	50.76	-3.81	74.0	-23.24	Peak	0.00	150	Vertical	Pass
3**	5006.000	41.00	-3.81	54.0	-13.00	AV	0.00	150	Vertical	Pass
4	5298.600	105.00	-3.85	--	--	Peak	29.00	150	Vertical	N/A
4**	5298.600	98.66	-3.85	--	--	AV	29.00	150	Vertical	N/A
5	11654.050	50.99	-0.39	74.0	-23.01	Peak	250.00	150	Vertical	Pass
5**	11654.050	41.86	-0.39	54.0	-12.14	AV	250.00	150	Vertical	Pass
6	12239.974	51.42	-0.32	74.0	-22.58	Peak	212.00	150	Vertical	Pass
6**	12239.974	43.39	-0.32	54.0	-10.61	AV	212.00	150	Vertical	Pass

11a, Band II, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.300	38.57	-18.00	74.0	-35.43	Peak	34.00	150	Horizontal	Pass
1**	1504.300	28.69	-18.00	54.0	-25.31	AV	34.00	150	Horizontal	Pass
2	4076.000	46.89	-5.31	74.0	-27.11	Peak	153.00	150	Horizontal	Pass
2**	4076.000	38.26	-5.31	54.0	-15.74	AV	153.00	150	Horizontal	Pass
3	4846.400	49.43	-3.83	74.0	-24.57	Peak	153.00	150	Horizontal	Pass
3**	4846.400	40.43	-3.83	54.0	-13.57	AV	153.00	150	Horizontal	Pass
4	5318.200	106.76	-3.96	--	--	Peak	153.00	150	Horizontal	N/A
4**	5318.200	99.60	-3.96	--	--	AV	153.00	150	Horizontal	N/A
5	11192.325	49.89	-1.92	74.0	-24.11	Peak	15.00	150	Horizontal	Pass
5**	11192.325	40.59	-1.92	54.0	-13.41	AV	15.00	150	Horizontal	Pass
6	12212.662	52.05	-0.45	74.0	-21.95	Peak	281.00	150	Horizontal	Pass
6**	12212.662	42.21	-0.45	54.0	-11.79	AV	281.00	150	Horizontal	Pass

11a, Band II, 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	1549.800	38.15	-18.00	74.0	-35.85	Peak	103.00	150	Vertical	Pass
1**	1549.800	28.52	-18.00	54.0	-25.48	AV	103.00	150	Vertical	Pass
2	3915.800	46.47	-7.00	74.0	-27.53	Peak	96.00	150	Vertical	Pass
2**	3915.800	37.51	-7.00	54.0	-16.49	AV	96.00	150	Vertical	Pass
3	5046.000	51.82	-3.79	74.0	-22.18	Peak	339.00	150	Vertical	Pass
3**	5046.000	41.84	-3.79	54.0	-12.16	AV	339.00	150	Vertical	Pass
4	5321.000	106.53	-3.96	--	--	Peak	339.00	150	Vertical	N/A
4**	5321.000	99.93	-3.96	--	--	AV	339.00	150	Vertical	N/A
5	11168.175	50.27	-1.99	74.0	-23.73	Peak	203.00	150	Vertical	Pass
5**	11168.175	41.16	-1.99	54.0	-12.84	AV	203.00	150	Vertical	Pass
6	12108.013	52.29	-0.88	74.0	-21.71	Peak	127.00	150	Vertical	Pass
6**	12108.013	42.50	-0.88	54.0	-11.50	AV	127.00	150	Vertical	Pass

11n20, Band II, 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	1456.200	38.42	-17.81	74.0	-35.58	Peak	0.00	150	Horizontal	Pass
1**	1456.200	28.51	-17.81	54.0	-25.49	AV	0.00	150	Horizontal	Pass
2	4082.600	48.60	-5.05	74.0	-25.40	Peak	200.00	150	Horizontal	Pass
2**	4082.600	37.60	-5.05	54.0	-16.40	AV	200.00	150	Horizontal	Pass
3	4969.800	51.14	-4.28	74.0	-22.86	Peak	200.00	150	Horizontal	Pass
3**	4969.800	39.97	-4.28	54.0	-14.03	AV	200.00	150	Horizontal	Pass
4	5261.400	105.99	-3.88	--	--	Peak	160.00	150	Horizontal	N/A
4**	5261.400	98.88	-3.88	--	--	AV	160.00	150	Horizontal	N/A
5	11104.349	50.29	-0.99	74.0	-23.71	Peak	73.00	150	Horizontal	Pass
5**	11104.349	40.52	-0.99	54.0	-13.48	AV	73.00	150	Horizontal	Pass
6	12271.600	51.42	0.07	74.0	-22.58	Peak	73.00	150	Horizontal	Pass
6**	12271.600	43.32	0.07	54.0	-10.68	AV	73.00	150	Horizontal	Pass

11n20, Band II, 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	1064.800	38.96	-18.80	74.0	-35.04	Peak	309.00	150	Vertical	Pass
1**	1064.800	27.04	-18.80	54.0	-26.96	AV	309.00	150	Vertical	Pass
2	4093.200	47.45	-5.69	74.0	-26.55	Peak	310.00	150	Vertical	Pass
2**	4093.200	37.99	-5.69	54.0	-16.01	AV	310.00	150	Vertical	Pass
3	4813.200	50.07	-3.92	74.0	-23.93	Peak	218.00	150	Vertical	Pass
3**	4813.200	40.93	-3.92	54.0	-13.07	AV	218.00	150	Vertical	Pass
4	5259.200	105.99	-3.98	--	--	Peak	350.00	150	Vertical	N/A
4**	5259.200	99.56	-3.98	--	--	AV	350.00	150	Vertical	N/A
5	11190.887	50.54	-1.93	74.0	-23.46	Peak	171.00	150	Vertical	Pass
5**	11190.887	40.72	-1.93	54.0	-13.28	AV	171.00	150	Vertical	Pass
6	12101.687	51.34	-1.00	74.0	-22.66	Peak	339.00	150	Vertical	Pass
6**	12101.687	41.98	-1.00	54.0	-12.02	AV	339.00	150	Vertical	Pass

11n20, Band II, 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	1537.900	37.84	-18.04	74.0	-36.16	Peak	334.00	150	Horizontal	Pass
1**	1537.900	28.27	-18.04	54.0	-25.73	AV	334.00	150	Horizontal	Pass
2	3937.200	46.68	-6.87	74.0	-27.32	Peak	267.00	150	Horizontal	Pass
2**	3937.200	36.02	-6.87	54.0	-17.98	AV	267.00	150	Horizontal	Pass
3	4804.400	49.03	-3.76	74.0	-24.97	Peak	35.00	150	Horizontal	Pass
3**	4804.400	41.08	-3.76	54.0	-12.92	AV	35.00	150	Horizontal	Pass
4	5301.200	106.30	-3.85	--	--	Peak	292.00	150	Horizontal	N/A
4**	5301.200	99.12	-3.85	--	--	AV	292.00	150	Horizontal	N/A
5	11072.437	50.51	-0.61	74.0	-23.49	Peak	318.00	150	Horizontal	Pass
5**	11072.437	40.87	-0.61	54.0	-13.13	AV	318.00	150	Horizontal	Pass
6	12104.563	51.56	-0.95	74.0	-22.44	Peak	120.00	150	Horizontal	Pass
6**	12104.563	41.90	-0.95	54.0	-12.10	AV	120.00	150	Horizontal	Pass

11n20, Band II, 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	1555.200	37.89	-17.94	74.0	-36.11	Peak	324.00	150	Vertical	Pass
1**	1555.200	28.64	-17.94	54.0	-25.36	AV	324.00	150	Vertical	Pass
2	4008.800	47.17	-6.50	74.0	-26.83	Peak	164.00	150	Vertical	Pass
2**	4008.800	37.48	-6.50	54.0	-16.52	AV	164.00	150	Vertical	Pass
3	4810.600	49.19	-3.74	74.0	-24.81	Peak	30.00	150	Vertical	Pass
3**	4810.600	41.12	-3.74	54.0	-12.88	AV	30.00	150	Vertical	Pass
4	5298.800	105.68	-3.86	--	--	Peak	350.00	150	Vertical	N/A
4**	5298.800	98.63	-3.86	--	--	AV	350.00	150	Vertical	N/A
5	11654.625	51.36	-0.40	74.0	-22.64	Peak	50.00	150	Vertical	Pass
5**	11654.625	41.66	-0.40	54.0	-12.34	AV	50.00	150	Vertical	Pass
6	12103.412	51.61	-0.97	74.0	-22.39	Peak	14.00	150	Vertical	Pass
6**	12103.412	42.91	-0.97	54.0	-11.09	AV	14.00	150	Vertical	Pass

11n20, Band II, 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	1495.400	37.86	-17.92	74.0	-36.14	Peak	200.00	150	Horizontal	Pass
1**	1495.400	28.46	-17.92	54.0	-25.54	AV	200.00	150	Horizontal	Pass
2	3958.600	46.81	-6.76	74.0	-27.19	Peak	147.00	150	Horizontal	Pass
2**	3958.600	36.72	-6.76	54.0	-17.28	AV	147.00	150	Horizontal	Pass
3	4830.000	49.58	-4.10	74.0	-24.42	Peak	48.00	150	Horizontal	Pass
3**	4830.000	40.22	-4.10	54.0	-13.78	AV	48.00	150	Horizontal	Pass
4	5321.000	106.40	-3.96	--	--	Peak	136.00	150	Horizontal	N/A
4**	5321.000	99.82	-3.96	--	--	AV	136.00	150	Horizontal	N/A
5	11169.037	50.14	-1.99	74.0	-23.86	Peak	360.00	150	Horizontal	Pass
5**	11169.037	41.47	-1.99	54.0	-12.53	AV	360.00	150	Horizontal	Pass
6	12271.600	51.63	0.07	74.0	-22.37	Peak	282.00	150	Horizontal	Pass
6**	12271.600	43.47	0.07	54.0	-10.53	AV	282.00	150	Horizontal	Pass

11n20, Band II, 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	1328.700	41.72	-17.78	74.0	-32.28	Peak	127.00	150	Vertical	Pass
1**	1328.700	33.00	-17.78	54.0	-21.00	AV	127.00	150	Vertical	Pass
2	3978.600	46.20	-6.51	74.0	-27.80	Peak	325.00	150	Vertical	Pass
2**	3978.600	37.36	-6.51	54.0	-16.64	AV	325.00	150	Vertical	Pass
3	4815.200	50.06	-3.98	74.0	-23.94	Peak	184.00	150	Vertical	Pass
3**	4815.200	40.03	-3.98	54.0	-13.97	AV	184.00	150	Vertical	Pass
4	5321.800	106.48	-3.92	--	--	Peak	351.00	150	Vertical	N/A
4**	5321.800	99.86	-3.92	--	--	AV	351.00	150	Vertical	N/A
5	11188.875	50.35	-1.95	74.0	-23.65	Peak	15.00	150	Vertical	Pass
5**	11188.875	40.23	-1.95	54.0	-13.77	AV	15.00	150	Vertical	Pass
6	12332.262	51.36	-0.74	74.0	-22.64	Peak	180.00	150	Vertical	Pass
6**	12332.262	41.88	-0.74	54.0	-12.12	AV	180.00	150	Vertical	Pass

11n40, Band II, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.400	38.02	-18.06	74.0	-35.98	Peak	321.00	150	Horizontal	Pass
1**	1534.400	28.64	-18.06	54.0	-25.36	AV	321.00	150	Horizontal	Pass
2	4088.400	47.12	-5.41	74.0	-26.88	Peak	43.00	150	Horizontal	Pass
2**	4088.400	37.47	-5.41	54.0	-16.53	AV	43.00	150	Horizontal	Pass
3	4797.800	49.41	-3.67	74.0	-24.59	Peak	310.00	150	Horizontal	Pass
3**	4797.800	40.38	-3.67	54.0	-13.62	AV	310.00	150	Horizontal	Pass
4	5265.800	104.01	-3.77	--	--	Peak	255.00	150	Horizontal	N/A
4**	5265.800	96.71	-3.77	--	--	AV	255.00	150	Horizontal	N/A
5	11168.750	49.90	-1.99	74.0	-24.10	Peak	222.00	150	Horizontal	Pass
5**	11168.750	40.81	-1.99	54.0	-13.19	AV	222.00	150	Horizontal	Pass
6	12236.526	51.08	-0.31	74.0	-22.92	Peak	360.00	150	Horizontal	Pass
6**	12236.526	42.69	-0.31	54.0	-11.31	AV	360.00	150	Horizontal	Pass

11n40, Band II, 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	1327.500	39.55	-17.77	74.0	-34.45	Peak	120.00	150	Vertical	Pass
1**	1327.500	29.35	-17.77	54.0	-24.65	AV	120.00	150	Vertical	Pass
2	2745.700	44.15	-11.84	74.0	-29.85	Peak	295.00	150	Vertical	Pass
2**	2745.700	33.05	-11.84	54.0	-20.95	AV	295.00	150	Vertical	Pass
3	4254.200	47.72	-5.54	74.0	-26.28	Peak	55.00	150	Vertical	Pass
3**	4254.200	38.18	-5.54	54.0	-15.82	AV	55.00	150	Vertical	Pass
4	5268.200	104.08	-3.72	--	--	Peak	0.00	150	Vertical	N/A
4**	5268.200	96.59	-3.72	--	--	AV	0.00	150	Vertical	N/A
5	11182.262	50.59	-2.00	74.0	-23.41	Peak	0.00	150	Vertical	Pass
5**	11182.262	41.92	-2.00	54.0	-12.08	AV	0.00	150	Vertical	Pass
6	12236.812	51.83	-0.32	74.0	-22.17	Peak	126.00	150	Vertical	Pass
6**	12236.812	42.34	-0.32	54.0	-11.66	AV	126.00	150	Vertical	Pass

11n40, Band II, 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	1340.600	37.57	-17.97	74.0	-36.43	Peak	60.00	150	Horizontal	Pass
1**	1340.600	29.32	-17.97	54.0	-24.68	AV	60.00	150	Horizontal	Pass
2	3877.200	46.64	-7.10	74.0	-27.36	Peak	28.00	150	Horizontal	Pass
2**	3877.200	36.47	-7.10	54.0	-17.53	AV	28.00	150	Horizontal	Pass
3	4830.800	49.79	-4.14	74.0	-24.21	Peak	39.00	150	Horizontal	Pass
3**	4830.800	40.79	-4.14	54.0	-13.21	AV	39.00	150	Horizontal	Pass
4	5311.800	104.41	-4.00	--	--	Peak	154.00	150	Horizontal	N/A
4**	5311.800	96.83	-4.00	--	--	AV	154.00	150	Horizontal	N/A
5	11677.912	51.44	-0.91	74.0	-22.56	Peak	256.00	150	Horizontal	Pass
5**	11677.912	42.14	-0.91	54.0	-11.86	AV	256.00	150	Horizontal	Pass
6	12270.451	51.34	0.06	74.0	-22.66	Peak	168.00	150	Horizontal	Pass
6**	12270.451	42.34	0.06	54.0	-11.66	AV	168.00	150	Horizontal	Pass

11n40, Band II, 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	1362.900	38.26	-17.95	74.0	-35.74	Peak	62.00	150	Vertical	Pass
1**	1362.900	29.17	-17.95	54.0	-24.83	AV	62.00	150	Vertical	Pass
2	3981.000	46.45	-6.47	74.0	-27.55	Peak	0.00	150	Vertical	Pass
2**	3981.000	36.68	-6.47	54.0	-17.32	AV	0.00	150	Vertical	Pass
3	4814.000	49.22	-3.95	74.0	-24.78	Peak	13.00	150	Vertical	Pass
3**	4814.000	40.47	-3.95	54.0	-13.53	AV	13.00	150	Vertical	Pass
4	5312.800	103.73	-4.05	--	--	Peak	339.00	150	Vertical	N/A
4**	5312.800	96.38	-4.05	--	--	AV	339.00	150	Vertical	N/A
5	11016.662	50.45	-1.83	74.0	-23.55	Peak	34.00	150	Vertical	Pass
5**	11016.662	40.52	-1.83	54.0	-13.48	AV	34.00	150	Vertical	Pass
6	12252.912	51.36	-0.05	74.0	-22.64	Peak	187.00	150	Vertical	Pass
6**	12252.912	41.71	-0.05	54.0	-12.29	AV	187.00	150	Vertical	Pass

11ac20, Band II, 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	1564.600	38.24	-17.99	74.0	-35.76	Peak	34.00	150	Horizontal	Pass
1**	1564.600	28.81	-17.99	54.0	-25.19	AV	34.00	150	Horizontal	Pass
2	4214.600	47.94	-6.17	74.0	-26.06	Peak	165.00	150	Horizontal	Pass
2**	4214.600	38.43	-6.17	54.0	-15.57	AV	165.00	150	Horizontal	Pass
3	4978.600	49.75	-4.08	74.0	-24.25	Peak	178.00	150	Horizontal	Pass
3**	4978.600	40.47	-4.08	54.0	-13.53	AV	178.00	150	Horizontal	Pass
4	5262.400	106.19	-3.91	--	--	Peak	152.00	150	Horizontal	N/A
4**	5262.400	98.67	-3.91	--	--	AV	152.00	150	Horizontal	N/A
5	10865.438	50.61	-1.83	74.0	-23.39	Peak	227.00	150	Horizontal	Pass
5**	10865.438	40.26	-1.83	54.0	-13.74	AV	227.00	150	Horizontal	Pass
6	12242.850	51.35	-0.26	74.0	-22.65	Peak	360.00	150	Horizontal	Pass
6**	12242.850	42.15	-0.26	54.0	-11.85	AV	360.00	150	Horizontal	Pass

11ac20, Band II, 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	1550.900	38.54	-17.97	74.0	-35.46	Peak	285.00	150	Vertical	Pass
1**	1550.900	28.82	-17.97	54.0	-25.18	AV	285.00	150	Vertical	Pass
2	3843.400	46.15	-6.40	74.0	-27.85	Peak	54.00	150	Vertical	Pass
2**	3843.400	36.83	-6.40	54.0	-17.17	AV	54.00	150	Vertical	Pass
3	4801.400	49.87	-3.66	74.0	-24.13	Peak	274.00	150	Vertical	Pass
3**	4801.400	39.62	-3.66	54.0	-14.38	AV	274.00	150	Vertical	Pass
4	5261.200	105.62	-3.89	--	--	Peak	351.00	150	Vertical	N/A
4**	5261.200	99.63	-3.89	--	--	AV	351.00	150	Vertical	N/A
5	10824.612	50.89	-1.90	74.0	-23.11	Peak	15.00	150	Vertical	Pass
5**	10824.612	40.87	-1.90	54.0	-13.13	AV	15.00	150	Vertical	Pass
6	12222.151	51.53	-0.28	74.0	-22.47	Peak	51.00	150	Vertical	Pass
6**	12222.151	42.11	-0.28	54.0	-11.89	AV	51.00	150	Vertical	Pass

11ac20, Band II, 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	1328.300	38.22	-17.77	74.0	-35.78	Peak	332.00	150	Horizontal	Pass
1**	1328.300	28.67	-17.77	54.0	-25.33	AV	332.00	150	Horizontal	Pass
2	3825.200	45.50	-7.16	74.0	-28.50	Peak	194.00	150	Horizontal	Pass
2**	3825.200	35.88	-7.16	54.0	-18.12	AV	194.00	150	Horizontal	Pass
3	5006.400	50.87	-3.82	74.0	-23.13	Peak	105.00	150	Horizontal	Pass
3**	5006.400	40.86	-3.82	54.0	-13.14	AV	105.00	150	Horizontal	Pass
4	5297.400	105.63	-3.79	--	--	Peak	360.00	150	Horizontal	N/A
4**	5297.400	98.37	-3.79	--	--	AV	360.00	150	Horizontal	N/A
5	11153.512	50.36	-1.86	74.0	-23.64	Peak	95.00	150	Horizontal	Pass
5**	11153.512	40.51	-1.86	54.0	-13.49	AV	95.00	150	Horizontal	Pass
6	12105.713	51.59	-0.92	74.0	-22.41	Peak	115.00	150	Horizontal	Pass
6**	12105.713	42.32	-0.92	54.0	-11.68	AV	115.00	150	Horizontal	Pass

11ac20, Band II, 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	1327.900	39.10	-17.77	74.0	-34.90	Peak	133.00	150	Vertical	Pass
1**	1327.900	29.40	-17.77	54.0	-24.60	AV	133.00	150	Vertical	Pass
2	3846.600	46.32	-6.47	74.0	-27.68	Peak	49.00	150	Vertical	Pass
2**	3846.600	37.77	-6.47	54.0	-16.23	AV	49.00	150	Vertical	Pass
3	4798.600	49.12	-3.66	74.0	-24.88	Peak	35.00	150	Vertical	Pass
3**	4798.600	40.24	-3.66	54.0	-13.76	AV	35.00	150	Vertical	Pass
4	5301.000	105.62	-3.86	--	--	Peak	0.00	150	Vertical	N/A
4**	5301.000	99.08	-3.86	--	--	AV	0.00	150	Vertical	N/A
5	10813.688	49.89	-1.75	74.0	-24.11	Peak	225.00	150	Vertical	Pass
5**	10813.688	41.52	-1.75	54.0	-12.48	AV	225.00	150	Vertical	Pass
6	11684.237	51.45	-0.92	74.0	-22.55	Peak	277.00	150	Vertical	Pass
6**	11684.237	41.94	-0.92	54.0	-12.06	AV	277.00	150	Vertical	Pass

11ac20, Band II, 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	1501.800	37.66	-18.08	74.0	-36.34	Peak	199.00	150	Horizontal	Pass
1**	1501.800	28.04	-18.08	54.0	-25.96	AV	199.00	150	Horizontal	Pass
2	3767.000	45.70	-7.44	74.0	-28.30	Peak	117.00	150	Horizontal	Pass
2**	3767.000	35.75	-7.44	54.0	-18.25	AV	117.00	150	Horizontal	Pass
3	4809.200	49.82	-3.80	74.0	-24.18	Peak	229.00	150	Horizontal	Pass
3**	4809.200	40.42	-3.80	54.0	-13.58	AV	229.00	150	Horizontal	Pass
4	5319.200	106.22	-3.92	--	--	Peak	299.00	150	Horizontal	N/A
4**	5319.200	99.23	-3.92	--	--	AV	299.00	150	Horizontal	N/A
5	11167.887	51.05	-1.99	74.0	-22.95	Peak	235.00	150	Horizontal	Pass
5**	11167.887	41.24	-1.99	54.0	-12.76	AV	235.00	150	Horizontal	Pass
6	12241.988	52.16	-0.28	74.0	-21.84	Peak	139.00	150	Horizontal	Pass
6**	12241.988	42.71	-0.28	54.0	-11.29	AV	139.00	150	Horizontal	Pass

11ac20, Band II, 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	1539.200	38.24	-18.02	74.0	-35.76	Peak	268.00	150	Vertical	Pass
1**	1539.200	28.31	-18.02	54.0	-25.69	AV	268.00	150	Vertical	Pass
2	3800.600	46.00	-6.88	74.0	-28.00	Peak	188.00	150	Vertical	Pass
2**	3800.600	36.35	-6.88	54.0	-17.65	AV	188.00	150	Vertical	Pass
3	4809.600	49.68	-3.78	74.0	-24.32	Peak	17.00	150	Vertical	Pass
3**	4809.600	40.38	-3.78	54.0	-13.62	AV	17.00	150	Vertical	Pass
4	5317.000	106.38	-4.02	--	--	Peak	351.00	150	Vertical	N/A
4**	5317.000	97.69	-4.02	--	--	AV	351.00	150	Vertical	N/A
5	11206.125	49.86	-1.84	74.0	-24.14	Peak	51.00	150	Vertical	Pass
5**	11206.125	40.93	-1.84	54.0	-13.07	AV	51.00	150	Vertical	Pass
6	12011.987	51.54	-1.23	74.0	-22.46	Peak	123.00	150	Vertical	Pass
6**	12011.987	42.49	-1.23	54.0	-11.51	AV	123.00	150	Vertical	Pass

11ac40, Band II, 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	1538.600	37.97	-18.02	74.0	-36.03	Peak	80.00	150	Horizontal	Pass
1**	1538.600	28.32	-18.02	54.0	-25.68	AV	80.00	150	Horizontal	Pass
2	3847.600	45.98	-6.46	74.0	-28.02	Peak	38.00	150	Horizontal	Pass
2**	3847.600	36.24	-6.46	54.0	-17.76	AV	38.00	150	Horizontal	Pass
3	4797.200	50.00	-3.68	74.0	-24.00	Peak	79.00	150	Horizontal	Pass
3**	4797.200	40.46	-3.68	54.0	-13.54	AV	79.00	150	Horizontal	Pass
4	5268.000	102.64	-3.72	--	--	Peak	288.00	150	Horizontal	N/A
4**	5268.000	94.81	-3.72	--	--	AV	288.00	150	Horizontal	N/A
5	11068.412	50.48	-0.64	74.0	-23.52	Peak	165.00	150	Horizontal	Pass
5**	11068.412	40.49	-0.64	54.0	-13.51	AV	165.00	150	Horizontal	Pass
6	12209.212	51.56	-0.53	74.0	-22.44	Peak	35.00	150	Horizontal	Pass
6**	12209.212	42.04	-0.53	54.0	-11.96	AV	35.00	150	Horizontal	Pass

11ac40, Band II, 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	1326.900	38.68	-17.77	74.0	-35.32	Peak	112.00	150	Vertical	Pass
1**	1326.900	28.25	-17.77	54.0	-25.75	AV	112.00	150	Vertical	Pass
2	3816.800	45.46	-7.05	74.0	-28.54	Peak	321.00	150	Vertical	Pass
2**	3816.800	37.25	-7.05	54.0	-16.75	AV	321.00	150	Vertical	Pass
3	4794.800	49.35	-3.79	74.0	-24.65	Peak	360.00	150	Vertical	Pass
3**	4794.800	40.24	-3.79	54.0	-13.76	AV	360.00	150	Vertical	Pass
4	5268.600	102.89	-3.73	--	--	Peak	360.00	150	Vertical	N/A
4**	5268.600	96.03	-3.73	--	--	AV	360.00	150	Vertical	N/A
5	11592.237	52.54	-0.08	74.0	-21.46	Peak	15.00	150	Vertical	Pass
5**	11592.237	41.77	-0.08	54.0	-12.23	AV	15.00	150	Vertical	Pass
6	15855.375	48.23	4.24	74.0	-25.77	Peak	34.00	150	Vertical	Pass
6**	15855.375	38.70	4.24	54.0	-15.30	AV	34.00	150	Vertical	Pass

11ac40, Band II, 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	1591.400	38.55	-17.96	74.0	-35.45	Peak	74.00	150	Horizontal	Pass
1**	1591.400	29.15	-17.96	54.0	-24.85	AV	74.00	150	Horizontal	Pass
2	3844.800	45.73	-6.42	74.0	-28.27	Peak	297.00	150	Horizontal	Pass
2**	3844.800	38.09	-6.42	54.0	-15.91	AV	297.00	150	Horizontal	Pass
3	5036.600	50.58	-3.95	74.0	-23.42	Peak	269.00	150	Horizontal	Pass
3**	5036.600	41.37	-3.95	54.0	-12.63	AV	269.00	150	Horizontal	Pass
4	5312.600	102.43	-4.06	--	--	Peak	152.00	150	Horizontal	N/A
4**	5312.600	95.18	-4.06	--	--	AV	152.00	150	Horizontal	N/A
5	11420.888	50.34	-1.26	74.0	-23.66	Peak	55.00	150	Horizontal	Pass
5**	11420.888	41.97	-1.26	54.0	-12.03	AV	55.00	150	Horizontal	Pass
6	12244.575	50.90	-0.22	74.0	-23.10	Peak	360.00	150	Horizontal	Pass
6**	12244.575	42.01	-0.22	54.0	-11.99	AV	360.00	150	Horizontal	Pass

11ac40, Band II, 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	1507.300	38.01	-18.00	74.0	-35.99	Peak	350.00	150	Vertical	Pass
1**	1507.300	29.16	-18.00	54.0	-24.84	AV	350.00	150	Vertical	Pass
2	3959.400	47.33	-6.77	74.0	-26.67	Peak	351.00	150	Vertical	Pass
2**	3959.400	37.57	-6.77	54.0	-16.43	AV	351.00	150	Vertical	Pass
3	4839.800	50.17	-3.95	74.0	-23.83	Peak	23.00	150	Vertical	Pass
3**	4839.800	39.70	-3.95	54.0	-14.30	AV	23.00	150	Vertical	Pass
4	5313.200	102.06	-4.02	--	--	Peak	351.00	150	Vertical	N/A
4**	5313.200	95.26	-4.02	--	--	AV	351.00	150	Vertical	N/A
5	11354.474	50.10	-1.61	74.0	-23.90	Peak	20.00	150	Vertical	Pass
5**	11354.474	40.82	-1.61	54.0	-13.18	AV	20.00	150	Vertical	Pass
6	12132.450	51.36	-0.67	74.0	-22.64	Peak	360.00	150	Vertical	Pass
6**	12132.450	41.36	-0.67	54.0	-12.64	AV	360.00	150	Vertical	Pass

11ac80, Band II, 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	1501.900	38.54	-18.08	74.0	-35.46	Peak	94.00	150	Horizontal	Pass
1**	1501.900	28.61	-18.08	54.0	-25.39	AV	94.00	150	Horizontal	Pass
2	3889.800	46.06	-7.23	74.0	-27.94	Peak	76.00	150	Horizontal	Pass
2**	3889.800	36.50	-7.23	54.0	-17.50	AV	76.00	150	Horizontal	Pass
3	4885.400	50.17	-4.31	74.0	-23.83	Peak	106.00	150	Horizontal	Pass
3**	4885.400	40.92	-4.31	54.0	-13.08	AV	106.00	150	Horizontal	Pass
4	5281.400	99.53	-3.60	--	--	Peak	252.00	150	Horizontal	N/A
4**	5281.400	92.84	-3.60	--	--	AV	252.00	150	Horizontal	N/A
5	10853.363	50.25	-1.95	74.0	-23.75	Peak	360.00	150	Horizontal	Pass
5**	10853.363	40.48	-1.95	54.0	-13.52	AV	360.00	150	Horizontal	Pass
6	12097.375	51.96	-1.07	74.0	-22.04	Peak	274.00	150	Horizontal	Pass
6**	12097.375	42.80	-1.07	54.0	-11.20	AV	274.00	150	Horizontal	Pass

11ac80, Band II, 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	1510.900	37.93	-18.07	74.0	-36.07	Peak	146.00	150	Vertical	Pass
1**	1510.900	28.68	-18.07	54.0	-25.32	AV	146.00	150	Vertical	Pass
2	3737.000	45.91	-7.03	74.0	-28.09	Peak	314.00	150	Vertical	Pass
2**	3737.000	36.14	-7.03	54.0	-17.86	AV	314.00	150	Vertical	Pass
3	4846.000	49.91	-3.84	74.0	-24.09	Peak	301.00	150	Vertical	Pass
3**	4846.000	40.64	-3.84	54.0	-13.36	AV	301.00	150	Vertical	Pass
4	5285.200	99.32	-3.56	--	--	Peak	0.00	150	Vertical	N/A
4**	5285.200	92.45	-3.56	--	--	AV	0.00	150	Vertical	N/A
5	11107.225	50.15	-1.10	74.0	-23.85	Peak	285.00	150	Vertical	Pass
5**	11107.225	40.79	-1.10	54.0	-13.21	AV	285.00	150	Vertical	Pass
6	12183.050	51.61	-0.95	74.0	-22.39	Peak	303.00	150	Vertical	Pass
6**	12183.050	42.52	-0.95	54.0	-11.48	AV	303.00	150	Vertical	Pass

11a, Band III, 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	1519.700	37.44	-18.13	74.0	-36.56	Peak	359.00	150	Horizontal	Pass
1**	1519.700	28.61	-18.13	54.0	-25.39	AV	359.00	150	Horizontal	Pass
2	3983.400	47.28	-6.40	74.0	-26.72	Peak	0.00	150	Horizontal	Pass
2**	3983.400	37.08	-6.40	54.0	-16.92	AV	0.00	150	Horizontal	Pass
3	4846.800	49.14	-3.81	74.0	-24.86	Peak	6.00	150	Horizontal	Pass
3**	4846.800	39.91	-3.81	54.0	-14.09	AV	6.00	150	Horizontal	Pass
4	5499.800	105.93	-3.13	--	--	Peak	150.00	150	Horizontal	N/A
4**	5499.800	98.48	-3.13	--	--	AV	150.00	150	Horizontal	N/A
5	11167.313	50.06	-1.99	74.0	-23.94	Peak	127.00	150	Horizontal	Pass
5**	11167.313	41.03	-1.99	54.0	-12.97	AV	127.00	150	Horizontal	Pass
6	12266.713	51.41	0.05	74.0	-22.59	Peak	218.00	150	Horizontal	Pass
6**	12266.713	42.86	0.05	54.0	-11.14	AV	218.00	150	Horizontal	Pass

11a, Band III, 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	1534.300	39.27	-18.06	74.0	-34.73	Peak	141.00	150	Vertical	Pass
1**	1534.300	28.30	-18.06	54.0	-25.70	AV	141.00	150	Vertical	Pass
2	3666.400	48.68	-7.37	74.0	-25.32	Peak	305.00	150	Vertical	Pass
2**	3666.400	40.92	-7.37	54.0	-13.08	AV	305.00	150	Vertical	Pass
3	4854.200	49.62	-3.68	74.0	-24.38	Peak	163.00	150	Vertical	Pass
3**	4854.200	40.49	-3.68	54.0	-13.51	AV	163.00	150	Vertical	Pass
4	5498.800	105.52	-3.09	--	--	Peak	17.00	150	Vertical	N/A
4**	5498.800	98.05	-3.09	--	--	AV	17.00	150	Vertical	N/A
5	11615.813	51.97	-0.16	74.0	-22.03	Peak	208.00	150	Vertical	Pass
5**	11615.813	41.61	-0.16	54.0	-12.39	AV	208.00	150	Vertical	Pass
6	15709.688	47.62	4.51	74.0	-26.38	Peak	249.00	150	Vertical	Pass
6**	15709.688	39.74	4.51	54.0	-14.26	AV	249.00	150	Vertical	Pass

11a, Band III, 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	1518.500	37.62	-18.02	74.0	-36.38	Peak	236.00	150	Horizontal	Pass
1**	1518.500	28.41	-18.02	54.0	-25.59	AV	236.00	150	Horizontal	Pass
2	3719.800	48.80	-6.89	74.0	-25.20	Peak	285.00	150	Horizontal	Pass
2**	3719.800	44.78	-6.89	54.0	-9.22	AV	285.00	150	Horizontal	Pass
3	5072.200	51.04	-3.53	74.0	-22.96	Peak	77.00	150	Horizontal	Pass
3**	5072.200	41.76	-3.53	54.0	-12.24	AV	77.00	150	Horizontal	Pass
4	5579.000	104.15	-3.74	--	--	Peak	154.00	150	Horizontal	N/A
4**	5579.000	97.29	-3.74	--	--	AV	154.00	150	Horizontal	N/A
5	12101.112	52.54	-1.01	74.0	-21.46	Peak	34.00	150	Horizontal	Pass
5**	12101.112	44.13	-1.01	54.0	-9.87	AV	34.00	150	Horizontal	Pass
6	15722.812	47.80	4.48	74.0	-26.20	Peak	255.00	150	Horizontal	Pass
6**	15722.812	38.98	4.48	54.0	-15.02	AV	255.00	150	Horizontal	Pass

11a, Band III, 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	1541.200	37.87	-18.04	74.0	-36.13	Peak	93.00	150	Vertical	Pass
1**	1541.200	28.40	-18.04	54.0	-25.60	AV	93.00	150	Vertical	Pass
2	3720.200	48.03	-6.86	74.0	-25.97	Peak	117.00	150	Vertical	Pass
2**	3720.200	44.60	-6.86	54.0	-9.40	AV	117.00	150	Vertical	Pass
3	4827.600	50.09	-4.14	74.0	-23.91	Peak	178.00	150	Vertical	Pass
3**	4827.600	40.46	-4.14	54.0	-13.54	AV	178.00	150	Vertical	Pass
4	5580.600	104.04	-3.80	--	--	Peak	14.00	150	Vertical	N/A
4**	5580.600	96.76	-3.80	--	--	AV	14.00	150	Vertical	N/A
5	11077.037	49.86	-0.57	74.0	-24.14	Peak	360.00	150	Vertical	Pass
5**	11077.037	40.27	-0.57	54.0	-13.73	AV	360.00	150	Vertical	Pass
6	12184.776	51.51	-0.93	74.0	-22.49	Peak	50.00	150	Vertical	Pass
6**	12184.776	42.63	-0.93	54.0	-11.37	AV	50.00	150	Vertical	Pass

11a, Band III, 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	1497.000	38.43	-17.93	74.0	-35.57	Peak	110.00	150	Horizontal	Pass
1**	1497.000	28.48	-17.93	54.0	-25.52	AV	110.00	150	Horizontal	Pass
2	3800.400	50.12	-6.89	74.0	-23.88	Peak	284.00	150	Horizontal	Pass
2**	3800.400	47.08	-6.89	54.0	-6.92	AV	284.00	150	Horizontal	Pass
3	4808.800	49.30	-3.80	74.0	-24.70	Peak	13.00	150	Horizontal	Pass
3**	4808.800	40.31	-3.80	54.0	-13.69	AV	13.00	150	Horizontal	Pass
4	5702.000	101.92	-4.47	--	--	Peak	149.00	150	Horizontal	N/A
4**	5702.000	94.73	-4.47	--	--	AV	149.00	150	Horizontal	N/A
5	11226.250	50.92	-1.79	74.0	-23.08	Peak	204.00	150	Horizontal	Pass
5**	11226.250	40.52	-1.79	54.0	-13.48	AV	204.00	150	Horizontal	Pass
6	12104.849	51.75	-0.94	74.0	-22.25	Peak	147.00	150	Horizontal	Pass
6**	12104.849	42.88	-0.94	54.0	-11.12	AV	147.00	150	Horizontal	Pass

11a, Band III, 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	1065.800	39.64	-18.80	74.0	-34.36	Peak	270.00	150	Vertical	Pass
1**	1065.800	29.90	-18.80	54.0	-24.10	AV	270.00	150	Vertical	Pass
2	3800.000	48.24	-6.89	74.0	-25.76	Peak	327.00	150	Vertical	Pass
2**	3800.000	44.88	-6.89	54.0	-9.12	AV	327.00	150	Vertical	Pass
3	4817.800	49.40	-4.13	74.0	-24.60	Peak	39.00	150	Vertical	Pass
3**	4817.800	40.35	-4.13	54.0	-13.65	AV	39.00	150	Vertical	Pass
4	5701.000	101.91	-4.48	--	--	Peak	0.00	150	Vertical	N/A
4**	5701.000	94.84	-4.48	--	--	AV	0.00	150	Vertical	N/A
5	11515.763	51.15	-1.25	74.0	-22.85	Peak	278.00	150	Vertical	Pass
5**	11515.763	41.23	-1.25	54.0	-12.77	AV	278.00	150	Vertical	Pass
6	15653.250	46.90	5.45	74.0	-27.10	Peak	154.00	150	Vertical	Pass
6**	15653.250	37.84	5.45	54.0	-16.16	AV	154.00	150	Vertical	Pass

11n20, Band III, 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	1138.100	39.51	-18.53	74.0	-34.49	Peak	234.00	150	Horizontal	Pass
1**	1138.100	28.26	-18.53	54.0	-25.74	AV	234.00	150	Horizontal	Pass
2	2854.900	43.83	-11.50	74.0	-30.17	Peak	287.00	150	Horizontal	Pass
2**	2854.900	34.60	-11.50	54.0	-19.40	AV	287.00	150	Horizontal	Pass
3	3667.000	48.29	-7.40	74.0	-25.71	Peak	67.00	150	Horizontal	Pass
3**	3667.000	45.87	-7.40	54.0	-8.13	AV	67.00	150	Horizontal	Pass
4	5498.400	105.36	-3.07	--	--	Peak	283.00	150	Horizontal	N/A
4**	5498.400	98.24	-3.07	--	--	AV	283.00	150	Horizontal	N/A
5	7683.100	48.13	-4.39	74.0	-25.87	Peak	168.00	150	Horizontal	Pass
5**	7683.100	38.44	-4.39	54.0	-15.56	AV	168.00	150	Horizontal	Pass
6	11592.813	51.34	-0.09	74.0	-22.66	Peak	168.00	150	Horizontal	Pass
6**	11592.813	41.99	-0.09	54.0	-12.01	AV	168.00	150	Horizontal	Pass

11n20, Band III, 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	1329.000	40.01	-17.80	74.0	-33.99	Peak	110.00	150	Vertical	Pass
1**	1329.000	30.04	-17.80	54.0	-23.96	AV	110.00	150	Vertical	Pass
2	3666.800	47.86	-7.39	74.0	-26.14	Peak	257.00	150	Vertical	Pass
2**	3666.800	43.21	-7.39	54.0	-10.79	AV	257.00	150	Vertical	Pass
3	4817.600	49.64	-4.11	74.0	-24.36	Peak	95.00	150	Vertical	Pass
3**	4817.600	40.51	-4.11	54.0	-13.49	AV	95.00	150	Vertical	Pass
4	5502.000	103.26	-3.25	--	--	Peak	33.00	150	Vertical	N/A
4**	5502.000	95.81	-3.25	--	--	AV	33.00	150	Vertical	N/A
5	7492.775	48.57	-4.53	74.0	-25.43	Peak	312.00	150	Vertical	Pass
5**	7492.775	38.50	-4.53	54.0	-15.50	AV	312.00	150	Vertical	Pass
6	11651.463	51.42	-0.36	74.0	-22.58	Peak	48.00	150	Vertical	Pass
6**	11651.463	41.99	-0.36	54.0	-12.01	AV	48.00	150	Vertical	Pass

11n20, Band III, 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	2774.500	43.31	-11.43	74.0	-30.69	Peak	81.00	150	Horizontal	Pass
1**	2774.500	33.52	-11.43	54.0	-20.48	AV	81.00	150	Horizontal	Pass
2	3720.200	48.84	-6.86	74.0	-25.16	Peak	293.00	150	Horizontal	Pass
2**	3720.200	46.12	-6.86	54.0	-7.88	AV	293.00	150	Horizontal	Pass
3	5009.200	50.62	-3.94	74.0	-23.38	Peak	187.00	150	Horizontal	Pass
3**	5009.200	40.93	-3.94	54.0	-13.07	AV	187.00	150	Horizontal	Pass
4	5581.000	103.76	-3.81	--	--	Peak	57.00	150	Horizontal	N/A
4**	5581.000	96.73	-3.81	--	--	AV	57.00	150	Horizontal	N/A
5	7428.375	48.65	-4.20	74.0	-25.35	Peak	138.00	150	Horizontal	Pass
5**	7428.375	39.86	-4.20	54.0	-14.14	AV	138.00	150	Horizontal	Pass
6	12102.263	51.59	-0.99	74.0	-22.41	Peak	330.00	150	Horizontal	Pass
6**	12102.263	42.35	-0.99	54.0	-11.65	AV	330.00	150	Horizontal	Pass

11n20, Band III, 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	1581.300	40.03	-18.07	74.0	-33.97	Peak	235.00	150	Vertical	Pass
1**	1581.300	30.72	-18.07	54.0	-23.28	AV	235.00	150	Vertical	Pass
2	3720.200	47.80	-6.86	74.0	-26.20	Peak	84.00	150	Vertical	Pass
2**	3720.200	43.82	-6.86	54.0	-10.18	AV	84.00	150	Vertical	Pass
3	4807.600	49.56	-3.77	74.0	-24.44	Peak	72.00	150	Vertical	Pass
3**	4807.600	39.99	-3.77	54.0	-14.01	AV	72.00	150	Vertical	Pass
4	5581.400	102.94	-3.83	--	--	Peak	197.00	150	Vertical	N/A
4**	5581.400	95.76	-3.83	--	--	AV	197.00	150	Vertical	N/A
5	7368.000	49.37	-4.87	74.0	-24.63	Peak	260.00	150	Vertical	Pass
5**	7368.000	39.78	-4.87	54.0	-14.22	AV	260.00	150	Vertical	Pass
6	12009.400	51.78	-1.25	74.0	-22.22	Peak	278.00	150	Vertical	Pass
6**	12009.400	43.14	-1.25	54.0	-10.86	AV	278.00	150	Vertical	Pass

11n20, Band III, 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	2341.600	43.38	-13.62	74.0	-30.62	Peak	292.00	150	Horizontal	Pass
1**	2341.600	32.42	-13.62	54.0	-21.58	AV	292.00	150	Horizontal	Pass
2	3800.200	48.31	-6.89	74.0	-25.69	Peak	261.00	150	Horizontal	Pass
2**	3800.200	45.24	-6.89	54.0	-8.76	AV	261.00	150	Horizontal	Pass
3	4839.800	50.77	-3.95	74.0	-23.23	Peak	154.00	150	Horizontal	Pass
3**	4839.800	41.27	-3.95	54.0	-12.73	AV	154.00	150	Horizontal	Pass
4	5698.200	101.29	-4.44	--	--	Peak	57.00	150	Horizontal	N/A
4**	5698.200	93.99	-4.44	--	--	AV	57.00	150	Horizontal	N/A
5	7523.825	48.83	-4.35	74.0	-25.17	Peak	208.00	150	Horizontal	Pass
5**	7523.825	39.19	-4.35	54.0	-14.81	AV	208.00	150	Horizontal	Pass
6	12016.588	51.32	-1.20	74.0	-22.68	Peak	294.00	150	Horizontal	Pass
6**	12016.588	41.73	-1.20	54.0	-12.27	AV	294.00	150	Horizontal	Pass

11n20, Band III, 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	1330.300	40.39	-17.85	74.0	-33.61	Peak	130.00	150	Vertical	Pass
1**	1330.300	29.90	-17.85	54.0	-24.10	AV	130.00	150	Vertical	Pass
2	3800.200	48.45	-6.89	74.0	-25.55	Peak	118.00	150	Vertical	Pass
2**	3800.200	44.22	-6.89	54.0	-9.78	AV	118.00	150	Vertical	Pass
3	4946.200	49.69	-4.08	74.0	-24.31	Peak	93.00	150	Vertical	Pass
3**	4946.200	39.78	-4.08	54.0	-14.22	AV	93.00	150	Vertical	Pass
4	5698.000	100.72	-4.42	--	--	Peak	32.00	150	Vertical	N/A
4**	5698.000	92.58	-4.42	--	--	AV	32.00	150	Vertical	N/A
5	7436.712	48.27	-4.34	74.0	-25.73	Peak	66.00	150	Vertical	Pass
5**	7436.712	39.40	-4.34	54.0	-14.60	AV	66.00	150	Vertical	Pass
6	11999.912	51.85	-1.32	74.0	-22.15	Peak	294.00	150	Vertical	Pass
6**	11999.912	41.61	-1.32	54.0	-12.39	AV	294.00	150	Vertical	Pass

11n40, Band III, 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	1577.100	38.10	-17.87	74.0	-35.90	Peak	84.00	150	Horizontal	Pass
1**	1577.100	28.15	-17.87	54.0	-25.85	AV	84.00	150	Horizontal	Pass
2	3673.600	48.06	-7.65	74.0	-25.94	Peak	59.00	150	Horizontal	Pass
2**	3673.600	45.09	-7.65	54.0	-8.91	AV	59.00	150	Horizontal	Pass
3	4824.200	50.10	-4.06	74.0	-23.90	Peak	317.00	150	Horizontal	Pass
3**	4824.200	40.66	-4.06	54.0	-13.34	AV	317.00	150	Horizontal	Pass
4	5512.400	102.88	-3.65	--	--	Peak	59.00	150	Horizontal	N/A
4**	5512.400	95.00	-3.65	--	--	AV	59.00	150	Horizontal	N/A
5	7607.200	48.12	-4.93	74.0	-25.88	Peak	134.00	150	Horizontal	Pass
5**	7607.200	39.21	-4.93	54.0	-14.79	AV	134.00	150	Horizontal	Pass
6	12104.849	51.81	-0.94	74.0	-22.19	Peak	221.00	150	Horizontal	Pass
6**	12104.849	43.06	-0.94	54.0	-10.94	AV	221.00	150	Horizontal	Pass

11n40, Band III, 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	1517.200	37.83	-17.94	74.0	-36.17	Peak	360.00	150	Vertical	Pass
1**	1517.200	28.07	-17.94	54.0	-25.93	AV	360.00	150	Vertical	Pass
2	3673.600	47.47	-7.65	74.0	-26.53	Peak	95.00	150	Vertical	Pass
2**	3673.600	43.34	-7.65	54.0	-10.66	AV	95.00	150	Vertical	Pass
3	5030.400	50.45	-4.22	74.0	-23.55	Peak	288.00	150	Vertical	Pass
3**	5030.400	40.59	-4.22	54.0	-13.41	AV	288.00	150	Vertical	Pass
4	5505.800	101.17	-3.40	--	--	Peak	34.00	150	Vertical	N/A
4**	5505.800	93.10	-3.40	--	--	AV	34.00	150	Vertical	N/A
5	7365.412	48.77	-4.96	74.0	-25.23	Peak	13.00	150	Vertical	Pass
5**	7365.412	39.29	-4.96	54.0	-14.71	AV	13.00	150	Vertical	Pass
6	11399.037	51.17	-1.27	74.0	-22.83	Peak	102.00	150	Vertical	Pass
6**	11399.037	41.03	-1.27	54.0	-12.97	AV	102.00	150	Vertical	Pass

11n40, Band III, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.100	37.90	-17.93	74.0	-36.10	Peak	226.00	150	Horizontal	Pass
1**	1494.100	28.62	-17.93	54.0	-25.38	AV	226.00	150	Horizontal	Pass
2	3727.000	49.43	-6.66	74.0	-24.57	Peak	294.00	150	Horizontal	Pass
2**	3727.000	46.45	-6.66	54.0	-7.55	AV	294.00	150	Horizontal	Pass
3	4895.400	50.10	-4.22	74.0	-23.90	Peak	0.00	150	Horizontal	Pass
3**	4895.400	39.88	-4.22	54.0	-14.12	AV	0.00	150	Horizontal	Pass
4	5591.800	101.47	-3.91	--	--	Peak	69.00	150	Horizontal	N/A
4**	5591.800	94.85	-3.91	--	--	AV	69.00	150	Horizontal	N/A
5	7424.925	48.70	-4.07	74.0	-25.30	Peak	156.00	150	Horizontal	Pass
5**	7424.925	40.32	-4.07	54.0	-13.68	AV	156.00	150	Horizontal	Pass
6	11673.888	51.51	-0.81	74.0	-22.49	Peak	68.00	150	Horizontal	Pass
6**	11673.888	43.19	-0.81	54.0	-10.81	AV	68.00	150	Horizontal	Pass

11n40, Band III, 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	1507.200	37.68	-18.00	74.0	-36.32	Peak	341.00	150	Vertical	Pass
1**	1507.200	28.27	-18.00	54.0	-25.73	AV	341.00	150	Vertical	Pass
2	2758.300	43.04	-11.48	74.0	-30.96	Peak	89.00	150	Vertical	Pass
2**	2758.300	33.50	-11.48	54.0	-20.50	AV	89.00	150	Vertical	Pass
3	3727.000	46.35	-6.66	74.0	-27.65	Peak	188.00	150	Vertical	Pass
3**	3727.000	44.32	-6.66	54.0	-9.68	AV	188.00	150	Vertical	Pass
4	5585.200	100.42	-3.84	--	--	Peak	235.00	150	Vertical	N/A
4**	5585.200	92.40	-3.84	--	--	AV	235.00	150	Vertical	N/A
5	7434.988	48.84	-4.36	74.0	-25.16	Peak	89.00	150	Vertical	Pass
5**	7434.988	39.17	-4.36	54.0	-14.83	AV	89.00	150	Vertical	Pass
6	12108.013	51.12	-0.88	74.0	-22.88	Peak	71.00	150	Vertical	Pass
6**	12108.013	42.04	-0.88	54.0	-11.96	AV	71.00	150	Vertical	Pass

11n40, Band III, 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	1523.200	38.15	-18.09	74.0	-35.85	Peak	360.00	150	Horizontal	Pass
1**	1523.200	28.81	-18.09	54.0	-25.19	AV	360.00	150	Horizontal	Pass
2	3780.200	49.66	-7.15	74.0	-24.34	Peak	290.00	150	Horizontal	Pass
2**	3780.200	47.69	-7.15	54.0	-6.31	AV	290.00	150	Horizontal	Pass
3	4807.800	49.52	-3.78	74.0	-24.48	Peak	228.00	150	Horizontal	Pass
3**	4807.800	40.40	-3.78	54.0	-13.60	AV	228.00	150	Horizontal	Pass
4	5671.800	99.68	-3.92	--	--	Peak	57.00	150	Horizontal	N/A
4**	5671.800	91.95	-3.92	--	--	AV	57.00	150	Horizontal	N/A
5	7422.625	48.74	-4.09	74.0	-25.26	Peak	4.00	150	Horizontal	Pass
5**	7422.625	39.73	-4.09	54.0	-14.27	AV	4.00	150	Horizontal	Pass
6	12273.901	52.25	0.07	74.0	-21.75	Peak	242.00	150	Horizontal	Pass
6**	12273.901	43.18	0.07	54.0	-10.82	AV	242.00	150	Horizontal	Pass

11n40, Band III, 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	1329.300	38.63	-17.81	74.0	-35.37	Peak	114.00	150	Vertical	Pass
1**	1329.300	28.77	-17.81	54.0	-25.23	AV	114.00	150	Vertical	Pass
2	3780.200	48.76	-7.15	74.0	-25.24	Peak	246.00	150	Vertical	Pass
2**	3780.200	46.56	-7.15	54.0	-7.44	AV	246.00	150	Vertical	Pass
3	4807.600	50.15	-3.77	74.0	-23.85	Peak	293.00	150	Vertical	Pass
3**	4807.600	40.99	-3.77	54.0	-13.01	AV	293.00	150	Vertical	Pass
4	5667.200	98.99	-3.90	--	--	Peak	32.00	150	Vertical	N/A
4**	5667.200	91.58	-3.90	--	--	AV	32.00	150	Vertical	N/A
5	7367.425	49.14	-4.86	74.0	-24.86	Peak	0.00	150	Vertical	Pass
5**	7367.425	39.97	-4.86	54.0	-14.03	AV	0.00	150	Vertical	Pass
6	11843.225	50.89	-1.56	74.0	-23.11	Peak	295.00	150	Vertical	Pass
6**	11843.225	41.17	-1.56	54.0	-12.83	AV	295.00	150	Vertical	Pass

11ac20, Band III, 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	1483.800	38.78	-17.87	74.0	-35.22	Peak	66.00	150	Horizontal	Pass
1**	1483.800	28.66	-17.87	54.0	-25.34	AV	66.00	150	Horizontal	Pass
2	3666.800	48.07	-7.39	74.0	-25.93	Peak	53.00	150	Horizontal	Pass
2**	3666.800	46.39	-7.39	54.0	-7.61	AV	53.00	150	Horizontal	Pass
3	5039.400	50.55	-3.96	74.0	-23.45	Peak	196.00	150	Horizontal	Pass
3**	5039.400	41.47	-3.96	54.0	-12.53	AV	196.00	150	Horizontal	Pass
4	5498.800	105.65	-3.09	--	--	Peak	53.00	150	Horizontal	N/A
4**	5498.800	97.66	-3.09	--	--	AV	53.00	150	Horizontal	N/A
5	7440.737	48.59	-4.31	74.0	-25.41	Peak	58.00	150	Horizontal	Pass
5**	7440.737	39.17	-4.31	54.0	-14.83	AV	58.00	150	Horizontal	Pass
6	12109.162	51.89	-0.86	74.0	-22.11	Peak	58.00	150	Horizontal	Pass
6**	12109.162	42.62	-0.86	54.0	-11.38	AV	58.00	150	Horizontal	Pass

11ac20, Band III, 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	1327.800	38.39	-17.77	74.0	-35.61	Peak	137.00	150	Vertical	Pass
1**	1327.800	28.87	-17.77	54.0	-25.13	AV	137.00	150	Vertical	Pass
2	3667.000	47.29	-7.40	74.0	-26.71	Peak	100.00	150	Vertical	Pass
2**	3667.000	41.78	-7.40	54.0	-12.22	AV	100.00	150	Vertical	Pass
3	4824.000	49.43	-4.05	74.0	-24.57	Peak	356.00	150	Vertical	Pass
3**	4824.000	40.46	-4.05	54.0	-13.54	AV	356.00	150	Vertical	Pass
4	5496.800	103.77	-3.03	--	--	Peak	192.00	150	Vertical	N/A
4**	5496.800	95.00	-3.03	--	--	AV	192.00	150	Vertical	N/A
5	7433.838	48.29	-4.38	74.0	-25.71	Peak	0.00	150	Vertical	Pass
5**	7433.838	39.41	-4.38	54.0	-14.59	AV	0.00	150	Vertical	Pass
6	11612.650	51.01	-0.16	74.0	-22.99	Peak	240.00	150	Vertical	Pass
6**	11612.650	41.89	-0.16	54.0	-12.11	AV	240.00	150	Vertical	Pass

11ac20, Band III, 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	1402.000	38.60	-17.75	74.0	-35.40	Peak	162.00	150	Horizontal	Pass
1**	1402.000	28.52	-17.75	54.0	-25.48	AV	162.00	150	Horizontal	Pass
2	3720.000	48.14	-6.88	74.0	-25.86	Peak	286.00	150	Horizontal	Pass
2**	3720.000	45.85	-6.88	54.0	-8.15	AV	286.00	150	Horizontal	Pass
3	4808.800	49.37	-3.80	74.0	-24.63	Peak	126.00	150	Horizontal	Pass
3**	4808.800	40.43	-3.80	54.0	-13.57	AV	126.00	150	Horizontal	Pass
4	5581.600	103.90	-3.83	--	--	Peak	54.00	150	Horizontal	N/A
4**	5581.600	96.15	-3.83	--	--	AV	54.00	150	Horizontal	N/A
5	7436.137	48.57	-4.35	74.0	-25.43	Peak	0.00	150	Horizontal	Pass
5**	7436.137	39.92	-4.35	54.0	-14.08	AV	0.00	150	Horizontal	Pass
6	11658.075	51.32	-0.45	74.0	-22.68	Peak	252.00	150	Horizontal	Pass
6**	11658.075	42.25	-0.45	54.0	-11.75	AV	252.00	150	Horizontal	Pass

11ac20, Band III, 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	1331.900	39.72	-17.92	74.0	-34.28	Peak	99.00	150	Vertical	Pass
1**	1331.900	28.99	-17.92	54.0	-25.01	AV	99.00	150	Vertical	Pass
2	3720.200	46.16	-6.86	74.0	-27.84	Peak	245.00	150	Vertical	Pass
2**	3720.200	43.90	-6.86	54.0	-10.10	AV	245.00	150	Vertical	Pass
3	4802.400	49.61	-3.65	74.0	-24.39	Peak	315.00	150	Vertical	Pass
3**	4802.400	40.66	-3.65	54.0	-13.34	AV	315.00	150	Vertical	Pass
4	5580.800	103.08	-3.81	--	--	Peak	190.00	150	Vertical	N/A
4**	5580.800	97.29	-3.81	--	--	AV	190.00	150	Vertical	N/A
5	7454.538	48.68	-4.45	74.0	-25.32	Peak	360.00	150	Vertical	Pass
5**	7454.538	39.39	-4.45	54.0	-14.61	AV	360.00	150	Vertical	Pass
6	12176.437	51.50	-0.96	74.0	-22.50	Peak	106.00	150	Vertical	Pass
6**	12176.437	43.00	-0.96	54.0	-11.00	AV	106.00	150	Vertical	Pass

11ac20, Band III, 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	1402.200	38.50	-17.75	74.0	-35.50	Peak	212.00	150	Horizontal	Pass
1**	1402.200	28.88	-17.75	54.0	-25.12	AV	212.00	150	Horizontal	Pass
2	3800.000	49.10	-6.89	74.0	-24.90	Peak	295.00	150	Horizontal	Pass
2**	3800.000	44.87	-6.89	54.0	-9.13	AV	295.00	150	Horizontal	Pass
3	4823.400	49.89	-4.09	74.0	-24.11	Peak	280.00	150	Horizontal	Pass
3**	4823.400	40.78	-4.09	54.0	-13.22	AV	280.00	150	Horizontal	Pass
4	5698.800	101.37	-4.48	--	--	Peak	58.00	150	Horizontal	N/A
4**	5698.800	93.87	-4.48	--	--	AV	58.00	150	Horizontal	N/A
5	7440.163	48.58	-4.35	74.0	-25.42	Peak	346.00	150	Horizontal	Pass
5**	7440.163	39.90	-4.35	54.0	-14.10	AV	346.00	150	Horizontal	Pass
6	11678.200	51.32	-0.92	74.0	-22.68	Peak	199.00	150	Horizontal	Pass
6**	11678.200	41.70	-0.92	54.0	-12.30	AV	199.00	150	Horizontal	Pass

11ac20, Band III, 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	1560.700	37.69	-17.86	74.0	-36.31	Peak	318.00	150	Vertical	Pass
1**	1560.700	28.72	-17.86	54.0	-25.28	AV	318.00	150	Vertical	Pass
2	3800.200	47.42	-6.89	74.0	-26.58	Peak	125.00	150	Vertical	Pass
2**	3800.200	44.46	-6.89	54.0	-9.54	AV	125.00	150	Vertical	Pass
3	4986.800	49.62	-4.06	74.0	-24.38	Peak	109.00	150	Vertical	Pass
3**	4986.800	40.69	-4.06	54.0	-13.31	AV	109.00	150	Vertical	Pass
4	5701.600	100.93	-4.46	--	--	Peak	28.00	150	Vertical	N/A
4**	5701.600	94.56	-4.46	--	--	AV	28.00	150	Vertical	N/A
5	7417.737	49.03	-4.11	74.0	-24.97	Peak	33.00	150	Vertical	Pass
5**	7417.737	39.67	-4.11	54.0	-14.33	AV	33.00	150	Vertical	Pass
6	12075.525	51.74	-1.37	74.0	-22.26	Peak	130.00	150	Vertical	Pass
6**	12075.525	41.94	-1.37	54.0	-12.06	AV	130.00	150	Vertical	Pass

11ac40, Band III, 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	1391.100	38.64	-17.65	74.0	-35.36	Peak	224.00	150	Horizontal	Pass
1**	1391.100	28.92	-17.65	54.0	-25.08	AV	224.00	150	Horizontal	Pass
2	2796.300	43.44	-11.38	74.0	-30.56	Peak	278.00	150	Horizontal	Pass
2**	2796.300	33.30	-11.38	54.0	-20.70	AV	278.00	150	Horizontal	Pass
3	3673.400	48.33	-7.63	74.0	-25.67	Peak	64.00	150	Horizontal	Pass
3**	3673.400	45.26	-7.63	54.0	-8.74	AV	64.00	150	Horizontal	Pass
4	5506.400	102.55	-3.43	--	--	Peak	64.00	150	Horizontal	N/A
4**	5506.400	95.21	-3.43	--	--	AV	64.00	150	Horizontal	N/A
5	7364.263	48.37	-5.03	74.0	-25.63	Peak	101.00	150	Horizontal	Pass
5**	7364.263	38.84	-5.03	54.0	-15.16	AV	101.00	150	Horizontal	Pass
6	11670.438	51.61	-0.73	74.0	-22.39	Peak	334.00	150	Horizontal	Pass
6**	11670.438	41.79	-0.73	54.0	-12.21	AV	334.00	150	Horizontal	Pass

11ac40, Band III, 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	1330.900	39.20	-17.88	74.0	-34.80	Peak	114.00	150	Vertical	Pass
1**	1330.900	32.21	-17.88	54.0	-21.79	AV	114.00	150	Vertical	Pass
2	3673.600	46.70	-7.65	74.0	-27.30	Peak	245.00	150	Vertical	Pass
2**	3673.600	43.81	-7.65	54.0	-10.19	AV	245.00	150	Vertical	Pass
3	4811.200	49.51	-3.73	74.0	-24.49	Peak	0.00	150	Vertical	Pass
3**	4811.200	40.58	-3.73	54.0	-13.42	AV	0.00	150	Vertical	Pass
4	5508.600	101.34	-3.56	--	--	Peak	44.00	150	Vertical	N/A
4**	5508.600	93.93	-3.56	--	--	AV	44.00	150	Vertical	N/A
5	7427.513	48.69	-4.12	74.0	-25.31	Peak	252.00	150	Vertical	Pass
5**	7427.513	40.14	-4.12	54.0	-13.86	AV	252.00	150	Vertical	Pass
6	11649.738	51.06	-0.34	74.0	-22.94	Peak	83.00	150	Vertical	Pass
6**	11649.738	42.50	-0.34	54.0	-11.50	AV	83.00	150	Vertical	Pass

11ac40, Band III, 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	1333.300	37.89	-17.96	74.0	-36.11	Peak	222.00	150	Horizontal	Pass
1**	1333.300	28.39	-17.96	54.0	-25.61	AV	222.00	150	Horizontal	Pass
2	2725.700	43.03	-10.68	74.0	-30.97	Peak	164.00	150	Horizontal	Pass
2**	2725.700	33.31	-10.68	54.0	-20.69	AV	164.00	150	Horizontal	Pass
3	3726.800	49.19	-6.66	74.0	-24.81	Peak	83.00	150	Horizontal	Pass
3**	3726.800	46.21	-6.66	54.0	-7.79	AV	83.00	150	Horizontal	Pass
4	5587.400	101.41	-3.94	--	--	Peak	65.00	150	Horizontal	N/A
4**	5587.400	94.20	-3.94	--	--	AV	65.00	150	Horizontal	N/A
5	7361.962	48.65	-5.01	74.0	-25.35	Peak	81.00	150	Horizontal	Pass
5**	7361.962	39.56	-5.01	54.0	-14.44	AV	81.00	150	Horizontal	Pass
6	12165.224	51.92	-0.91	74.0	-22.08	Peak	347.00	150	Horizontal	Pass
6**	12165.224	41.91	-0.91	54.0	-12.09	AV	347.00	150	Horizontal	Pass

11ac40, Band III, 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	1327.700	40.36	-17.77	74.0	-33.64	Peak	98.00	150	Vertical	Pass
1**	1327.700	29.18	-17.77	54.0	-24.82	AV	98.00	150	Vertical	Pass
2	2826.400	43.02	-11.88	74.0	-30.98	Peak	169.00	150	Vertical	Pass
2**	2826.400	33.11	-11.88	54.0	-20.89	AV	169.00	150	Vertical	Pass
3	3726.800	47.15	-6.66	74.0	-26.85	Peak	210.00	150	Vertical	Pass
3**	3726.800	44.41	-6.66	54.0	-9.59	AV	210.00	150	Vertical	Pass
4	5587.600	99.66	-3.94	--	--	Peak	246.00	150	Vertical	N/A
4**	5587.600	93.42	-3.94	--	--	AV	246.00	150	Vertical	N/A
5	7347.300	48.86	-5.18	74.0	-25.14	Peak	0.00	150	Vertical	Pass
5**	7347.300	39.41	-5.18	54.0	-14.59	AV	0.00	150	Vertical	Pass
6	11596.550	50.66	-0.12	74.0	-23.34	Peak	139.00	150	Vertical	Pass
6**	11596.550	41.33	-0.12	54.0	-12.67	AV	139.00	150	Vertical	Pass

11ac40, Band III, 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	1548.500	38.20	-18.02	74.0	-35.80	Peak	0.00	150	Horizontal	Pass
1**	1548.500	28.19	-18.02	54.0	-25.81	AV	0.00	150	Horizontal	Pass
2	2859.300	42.79	-11.47	74.0	-31.21	Peak	85.00	150	Horizontal	Pass
2**	2859.300	33.17	-11.47	54.0	-20.83	AV	85.00	150	Horizontal	Pass
3	3780.200	49.96	-7.15	74.0	-24.04	Peak	301.00	150	Horizontal	Pass
3**	3780.200	47.77	-7.15	54.0	-6.23	AV	301.00	150	Horizontal	Pass
4	5671.600	99.49	-3.92	--	--	Peak	53.00	150	Horizontal	N/A
4**	5671.600	92.09	-3.92	--	--	AV	53.00	150	Horizontal	N/A
5	7427.513	49.06	-4.12	74.0	-24.94	Peak	360.00	150	Horizontal	Pass
5**	7427.513	40.29	-4.12	54.0	-13.71	AV	360.00	150	Horizontal	Pass
6	11985.537	51.82	-1.64	74.0	-22.18	Peak	85.00	150	Horizontal	Pass
6**	11985.537	42.08	-1.64	54.0	-11.92	AV	85.00	150	Horizontal	Pass

11ac40, Band III, 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	1336.100	38.47	-17.97	74.0	-35.53	Peak	93.00	150	Vertical	Pass
1**	1336.100	28.48	-17.97	54.0	-25.52	AV	93.00	150	Vertical	Pass
2	2766.400	43.67	-11.56	74.0	-30.33	Peak	325.00	150	Vertical	Pass
2**	2766.400	34.25	-11.56	54.0	-19.75	AV	325.00	150	Vertical	Pass
3	3780.200	49.25	-7.15	74.0	-24.75	Peak	126.00	150	Vertical	Pass
3**	3780.200	45.75	-7.15	54.0	-8.25	AV	126.00	150	Vertical	Pass
4	5664.800	98.50	-4.00	--	--	Peak	32.00	150	Vertical	N/A
4**	5664.800	90.74	-4.00	--	--	AV	32.00	150	Vertical	N/A
5	7427.513	49.34	-4.12	74.0	-24.66	Peak	269.00	150	Vertical	Pass
5**	7427.513	39.82	-4.12	54.0	-14.18	AV	269.00	150	Vertical	Pass
6	12106.863	51.70	-0.90	74.0	-22.30	Peak	243.00	150	Vertical	Pass
6**	12106.863	42.26	-0.90	54.0	-11.74	AV	243.00	150	Vertical	Pass

11ac80, Band III, 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	1330.400	37.85	-17.86	74.0	-36.15	Peak	227.00	150	Horizontal	Pass
1**	1330.400	29.82	-17.86	54.0	-24.18	AV	227.00	150	Horizontal	Pass
2	2858.300	43.05	-11.54	74.0	-30.95	Peak	20.00	150	Horizontal	Pass
2**	2858.300	33.29	-11.54	54.0	-20.71	AV	20.00	150	Horizontal	Pass
3	3686.800	49.36	-8.09	74.0	-24.64	Peak	98.00	150	Horizontal	Pass
3**	3686.800	46.03	-8.09	54.0	-7.97	AV	98.00	150	Horizontal	Pass
4	5535.600	99.70	-3.83	--	--	Peak	54.00	150	Horizontal	N/A
4**	5535.600	91.97	-3.83	--	--	AV	54.00	150	Horizontal	N/A
5	7424.350	48.38	-4.08	74.0	-25.62	Peak	97.00	150	Horizontal	Pass
5**	7424.350	39.90	-4.08	54.0	-14.10	AV	97.00	150	Horizontal	Pass
6	12189.375	51.61	-0.87	74.0	-22.39	Peak	161.00	150	Horizontal	Pass
6**	12189.375	41.31	-0.87	54.0	-12.69	AV	161.00	150	Horizontal	Pass

11ac80, Band III, 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	1062.400	38.70	-18.72	74.0	-35.30	Peak	245.00	150	Vertical	Pass
1**	1062.400	26.85	-18.72	54.0	-27.15	AV	245.00	150	Vertical	Pass
2	2807.400	43.74	-11.54	74.0	-30.26	Peak	245.00	150	Vertical	Pass
2**	2807.400	33.72	-11.54	54.0	-20.28	AV	245.00	150	Vertical	Pass
3	3687.000	46.31	-8.09	74.0	-27.69	Peak	105.00	150	Vertical	Pass
3**	3687.000	43.43	-8.09	54.0	-10.57	AV	105.00	150	Vertical	Pass
4	5526.200	98.47	-3.79	--	--	Peak	206.00	150	Vertical	N/A
4**	5526.200	90.62	-3.79	--	--	AV	206.00	150	Vertical	N/A
5	7362.250	48.43	-5.03	74.0	-25.57	Peak	237.00	150	Vertical	Pass
5**	7362.250	39.62	-5.03	54.0	-14.38	AV	237.00	150	Vertical	Pass
6	12104.563	51.12	-0.95	74.0	-22.88	Peak	259.00	150	Vertical	Pass
6**	12104.563	42.34	-0.95	54.0	-11.66	AV	259.00	150	Vertical	Pass

11ac80, Band III, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1537.800	38.31	-18.04	74.0	-35.69	Peak	149.00	150	Horizontal	Pass
1**	1537.800	28.77	-18.04	54.0	-25.23	AV	149.00	150	Horizontal	Pass
2	2773.100	43.46	-11.47	74.0	-30.54	Peak	53.00	150	Horizontal	Pass
2**	2773.100	34.21	-11.47	54.0	-19.79	AV	53.00	150	Horizontal	Pass
3	3740.200	50.30	-7.33	74.0	-23.70	Peak	284.00	150	Horizontal	Pass
3**	3740.200	48.16	-7.33	54.0	-5.84	AV	284.00	150	Horizontal	Pass
4	5604.000	98.94	-3.98	--	--	Peak	47.00	150	Horizontal	N/A
4**	5604.000	89.96	-3.98	--	--	AV	47.00	150	Horizontal	N/A
5	7421.188	48.70	-4.01	74.0	-25.30	Peak	347.00	150	Horizontal	Pass
5**	7421.188	39.81	-4.01	54.0	-14.19	AV	347.00	150	Horizontal	Pass
6	12238.825	51.52	-0.32	74.0	-22.48	Peak	360.00	150	Horizontal	Pass
6**	12238.825	43.43	-0.32	54.0	-10.57	AV	360.00	150	Horizontal	Pass

11ac80, Band III, 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	1331.100	39.32	-17.89	74.0	-34.68	Peak	95.00	150	Vertical	Pass
1**	1331.100	29.00	-17.89	54.0	-25.00	AV	95.00	150	Vertical	Pass
2	2778.000	43.53	-11.45	74.0	-30.47	Peak	18.00	150	Vertical	Pass
2**	2778.000	33.62	-11.45	54.0	-20.38	AV	18.00	150	Vertical	Pass
3	3740.200	46.96	-7.33	74.0	-27.04	Peak	110.00	150	Vertical	Pass
3**	3740.200	44.30	-7.33	54.0	-9.70	AV	110.00	150	Vertical	Pass
4	5608.800	97.35	-3.86	--	--	Peak	35.00	150	Vertical	N/A
4**	5608.800	90.38	-3.86	--	--	AV	35.00	150	Vertical	N/A
5	7394.163	48.63	-4.26	74.0	-25.37	Peak	68.00	150	Vertical	Pass
5**	7394.163	39.63	-4.26	54.0	-14.37	AV	68.00	150	Vertical	Pass
6	12181.613	51.41	-0.96	74.0	-22.59	Peak	225.00	150	Vertical	Pass
6**	12181.613	42.61	-0.96	54.0	-11.39	AV	225.00	150	Vertical	Pass

11a, Band IV, 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	1329.900	39.32	-17.84	74.0	-34.68	Peak	261.00	150	Horizontal	Pass
1**	1329.900	28.79	-17.84	54.0	-25.21	AV	261.00	150	Horizontal	Pass
2	2862.500	43.47	-11.56	74.0	-30.53	Peak	360.00	150	Horizontal	Pass
2**	2862.500	34.15	-11.56	54.0	-19.85	AV	360.00	150	Horizontal	Pass
3	3830.200	48.48	-7.15	74.0	-25.52	Peak	260.00	150	Horizontal	Pass
3**	3830.200	46.65	-7.15	54.0	-7.35	AV	260.00	150	Horizontal	Pass
4	5743.600	100.94	-4.00	--	--	Peak	142.00	150	Horizontal	N/A
4**	5743.600	93.83	-4.00	--	--	AV	142.00	150	Horizontal	N/A
5	7418.313	48.73	-4.13	74.0	-25.27	Peak	184.00	150	Horizontal	Pass
5**	7418.313	39.62	-4.13	54.0	-14.38	AV	184.00	150	Horizontal	Pass
6	12099.963	51.62	-1.03	74.0	-22.38	Peak	50.00	150	Horizontal	Pass
6**	12099.963	41.92	-1.03	54.0	-12.08	AV	50.00	150	Horizontal	Pass

11a, Band IV, 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	1332.100	38.60	-17.93	74.0	-35.40	Peak	131.00	150	Vertical	Pass
1**	1332.100	27.99	-17.93	54.0	-26.01	AV	131.00	150	Vertical	Pass
2	2854.400	43.30	-11.52	74.0	-30.70	Peak	0.00	150	Vertical	Pass
2**	2854.400	34.03	-11.52	54.0	-19.97	AV	0.00	150	Vertical	Pass
3	3830.400	47.25	-7.13	74.0	-26.75	Peak	2.00	150	Vertical	Pass
3**	3830.400	44.52	-7.13	54.0	-9.48	AV	2.00	150	Vertical	Pass
4	5743.400	101.69	-4.01	--	--	Peak	339.00	150	Vertical	N/A
4**	5743.400	94.15	-4.01	--	--	AV	339.00	150	Vertical	N/A
5	7429.813	48.82	-4.31	74.0	-25.18	Peak	324.00	150	Vertical	Pass
5**	7429.813	39.63	-4.31	54.0	-14.37	AV	324.00	150	Vertical	Pass
6	12108.013	52.15	-0.88	74.0	-21.85	Peak	96.00	150	Vertical	Pass
6**	12108.013	42.20	-0.88	54.0	-11.80	AV	96.00	150	Vertical	Pass

11a, Band IV, 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	1329.100	38.64	-17.80	74.0	-35.36	Peak	297.00	150	Horizontal	Pass
1**	1329.100	30.81	-17.80	54.0	-23.19	AV	297.00	150	Horizontal	Pass
2	2781.100	42.69	-11.31	74.0	-31.31	Peak	145.00	150	Horizontal	Pass
2**	2781.100	33.57	-11.31	54.0	-20.43	AV	145.00	150	Horizontal	Pass
3	3856.800	49.37	-6.94	74.0	-24.63	Peak	279.00	150	Horizontal	Pass
3**	3856.800	46.91	-6.94	54.0	-7.09	AV	279.00	150	Horizontal	Pass
4	5783.600	101.75	-3.07	--	--	Peak	145.00	150	Horizontal	Pass
4**	5783.600	94.36	-3.07	--	--	AV	145.00	150	Horizontal	N/A
5	7593.688	49.04	-4.80	74.0	-24.96	Peak	360.00	150	Horizontal	Pass
5**	7593.688	39.96	-4.80	54.0	-14.04	AV	360.00	150	Horizontal	Pass
6	12238.250	51.55	-0.32	74.0	-22.45	Peak	160.00	150	Horizontal	Pass
6**	12238.250	41.85	-0.32	54.0	-12.15	AV	160.00	150	Horizontal	Pass

11a, Band IV, 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	1330.800	38.98	-17.88	74.0	-35.02	Peak	110.00	150	Vertical	Pass
1**	1330.800	28.95	-17.88	54.0	-25.05	AV	110.00	150	Vertical	Pass
2	2787.600	43.12	-11.10	74.0	-30.88	Peak	38.00	150	Vertical	Pass
2**	2787.600	33.41	-11.10	54.0	-20.59	AV	38.00	150	Vertical	Pass
3	3856.600	47.26	-6.93	74.0	-26.74	Peak	2.00	150	Vertical	Pass
3**	3856.600	44.01	-6.93	54.0	-9.99	AV	2.00	150	Vertical	Pass
4	5786.200	101.16	-3.07	--	--	Peak	350.00	150	Vertical	N/A
4**	5786.200	94.53	-3.07	--	--	AV	350.00	150	Vertical	N/A
5	7422.913	49.02	-4.09	74.0	-24.98	Peak	360.00	150	Vertical	Pass
5**	7422.913	39.54	-4.09	54.0	-14.46	AV	360.00	150	Vertical	Pass
6	12042.750	51.71	-1.50	74.0	-22.29	Peak	195.00	150	Vertical	Pass
6**	12042.750	41.06	-1.50	54.0	-12.94	AV	195.00	150	Vertical	Pass

11a, Band IV, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1518.700	38.04	-18.04	74.0	-35.96	Peak	0.00	150	Horizontal	Pass
1**	1518.700	28.38	-18.04	54.0	-25.62	AV	0.00	150	Horizontal	Pass
2	2812.100	43.19	-11.63	74.0	-30.81	Peak	237.00	150	Horizontal	Pass
2**	2812.100	34.21	-11.63	54.0	-19.79	AV	237.00	150	Horizontal	Pass
3	3883.400	50.36	-7.24	74.0	-23.64	Peak	275.00	150	Horizontal	Pass
3**	3883.400	47.22	-7.24	54.0	-6.78	AV	275.00	150	Horizontal	Pass
4	5826.200	100.65	-2.91	--	--	Peak	146.00	150	Horizontal	N/A
4**	5826.200	93.43	-2.91	--	--	AV	146.00	150	Horizontal	N/A
5	7381.225	48.90	-4.60	74.0	-25.10	Peak	338.00	150	Horizontal	Pass
5**	7381.225	40.56	-4.60	54.0	-13.44	AV	338.00	150	Horizontal	Pass
6	12180.750	52.04	-0.97	74.0	-21.96	Peak	264.00	150	Horizontal	Pass
6**	12180.750	42.29	-0.97	54.0	-11.71	AV	264.00	150	Horizontal	Pass

11a, Band IV, 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	1329.400	39.04	-17.81	74.0	-34.96	Peak	131.00	150	Vertical	Pass
1**	1329.400	28.99	-17.81	54.0	-25.01	AV	131.00	150	Vertical	Pass
2	2779.300	42.66	-11.39	74.0	-31.34	Peak	340.00	150	Vertical	Pass
2**	2779.300	33.13	-11.39	54.0	-20.87	AV	340.00	150	Vertical	Pass
3	3883.600	48.09	-7.24	74.0	-25.91	Peak	299.00	150	Vertical	Pass
3**	3883.600	44.84	-7.24	54.0	-9.16	AV	299.00	150	Vertical	Pass
4	5826.000	100.97	-2.91	--	--	Peak	351.00	150	Vertical	N/A
4**	5826.000	94.18	-2.91	--	--	AV	351.00	150	Vertical	N/A
5	7445.050	48.21	-4.45	74.0	-25.79	Peak	176.00	150	Vertical	Pass
5**	7445.050	39.24	-4.45	54.0	-14.76	AV	176.00	150	Vertical	Pass
6	12244.862	51.42	-0.21	74.0	-22.58	Peak	212.00	150	Vertical	Pass
6**	12244.862	42.69	-0.21	54.0	-11.31	AV	212.00	150	Vertical	Pass

11n20, Band IV, 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	1402.300	38.35	-17.76	74.0	-35.65	Peak	261.00	150	Horizontal	Pass
1**	1402.300	28.71	-17.76	54.0	-25.29	AV	261.00	150	Horizontal	Pass
2	2813.200	43.02	-11.60	74.0	-30.98	Peak	291.00	150	Horizontal	Pass
2**	2813.200	34.20	-11.60	54.0	-19.80	AV	291.00	150	Horizontal	Pass
3	3830.000	49.05	-7.17	74.0	-24.95	Peak	276.00	150	Horizontal	Pass
3**	3830.000	46.43	-7.17	54.0	-7.57	AV	276.00	150	Horizontal	Pass
4	5744.000	100.24	-3.98	--	--	Peak	146.00	150	Horizontal	N/A
4**	5744.000	93.72	-3.98	--	--	AV	146.00	150	Horizontal	N/A
5	7421.475	48.25	-4.03	74.0	-25.75	Peak	138.00	150	Horizontal	Pass
5**	7421.475	40.50	-4.03	54.0	-13.50	AV	138.00	150	Horizontal	Pass
6	12382.000	51.45	-1.58	74.0	-22.55	Peak	119.00	150	Horizontal	Pass
6**	12382.000	41.75	-1.58	54.0	-12.25	AV	119.00	150	Horizontal	Pass

11n20, Band IV, 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	1329.400	38.52	-17.81	74.0	-35.48	Peak	109.00	150	Vertical	Pass
1**	1329.400	28.96	-17.81	54.0	-25.04	AV	109.00	150	Vertical	Pass
2	2782.900	43.23	-11.29	74.0	-30.77	Peak	160.00	150	Vertical	Pass
2**	2782.900	34.65	-11.29	54.0	-19.35	AV	160.00	150	Vertical	Pass
3	3830.200	47.84	-7.15	74.0	-26.16	Peak	324.00	150	Vertical	Pass
3**	3830.200	44.27	-7.15	54.0	-9.73	AV	324.00	150	Vertical	Pass
4	5747.200	100.05	-3.94	--	--	Peak	351.00	150	Vertical	N/A
4**	5747.200	93.40	-3.94	--	--	AV	351.00	150	Vertical	N/A
5	7379.212	48.50	-4.72	74.0	-25.50	Peak	188.00	150	Vertical	Pass
5**	7379.212	39.74	-4.72	54.0	-14.26	AV	188.00	150	Vertical	Pass
6	10832.663	50.99	-2.00	74.0	-23.01	Peak	309.00	150	Vertical	Pass
6**	10832.663	40.57	-2.00	54.0	-13.43	AV	309.00	150	Vertical	Pass

11n20, Band IV, 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	1543.500	38.18	-17.96	74.0	-35.82	Peak	280.00	150	Horizontal	Pass
1**	1543.500	28.61	-17.96	54.0	-25.39	AV	280.00	150	Horizontal	Pass
2	2768.800	42.68	-11.53	74.0	-31.32	Peak	360.00	150	Horizontal	Pass
2**	2768.800	34.07	-11.53	54.0	-19.93	AV	360.00	150	Horizontal	Pass
3	3857.000	48.58	-6.95	74.0	-25.42	Peak	268.00	150	Horizontal	Pass
3**	3857.000	46.33	-6.95	54.0	-7.67	AV	268.00	150	Horizontal	Pass
4	5783.600	100.05	-3.07	--	--	Peak	149.00	150	Horizontal	N/A
4**	5783.600	92.63	-3.07	--	--	AV	149.00	150	Horizontal	N/A
5	7425.212	48.64	-4.07	74.0	-25.36	Peak	85.00	150	Horizontal	Pass
5**	7425.212	39.43	-4.07	54.0	-14.57	AV	85.00	150	Horizontal	Pass
6	12130.437	51.83	-0.67	74.0	-22.17	Peak	360.00	150	Horizontal	Pass
6**	12130.437	41.75	-0.67	54.0	-12.25	AV	360.00	150	Horizontal	Pass

11n20, Band IV, 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	1330.500	41.78	-17.86	74.0	-32.22	Peak	124.00	150	Vertical	Pass
1**	1330.500	28.96	-17.86	54.0	-25.04	AV	124.00	150	Vertical	Pass
2	2845.400	43.19	-11.76	74.0	-30.81	Peak	350.00	150	Vertical	Pass
2**	2845.400	33.35	-11.76	54.0	-20.65	AV	350.00	150	Vertical	Pass
3	3856.800	47.58	-6.94	74.0	-26.42	Peak	88.00	150	Vertical	Pass
3**	3856.800	44.34	-6.94	54.0	-9.66	AV	88.00	150	Vertical	Pass
4	5782.800	100.64	-3.14	--	--	Peak	351.00	150	Vertical	N/A
4**	5782.800	92.39	-3.14	--	--	AV	351.00	150	Vertical	N/A
5	7437.575	48.62	-4.34	74.0	-25.38	Peak	225.00	150	Vertical	Pass
5**	7437.575	39.49	-4.34	54.0	-14.51	AV	225.00	150	Vertical	Pass
6	11678.488	51.94	-0.93	74.0	-22.06	Peak	137.00	150	Vertical	Pass
6**	11678.488	42.19	-0.93	54.0	-11.81	AV	137.00	150	Vertical	Pass

11n20, Band IV, 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	1383.900	37.83	-17.70	74.0	-36.17	Peak	177.00	150	Horizontal	Pass
1**	1383.900	28.81	-17.70	54.0	-25.19	AV	177.00	150	Horizontal	Pass
2	2834.500	43.52	-11.83	74.0	-30.48	Peak	327.00	150	Horizontal	Pass
2**	2834.500	33.30	-11.83	54.0	-20.70	AV	327.00	150	Horizontal	Pass
3	3883.400	50.52	-7.24	74.0	-23.48	Peak	276.00	150	Horizontal	Pass
3**	3883.400	48.04	-7.24	54.0	-5.96	AV	276.00	150	Horizontal	Pass
4	5826.200	100.05	-2.91	--	--	Peak	151.00	150	Horizontal	N/A
4**	5826.200	93.19	-2.91	--	--	AV	151.00	150	Horizontal	N/A
5	7442.750	49.19	-4.31	74.0	-24.81	Peak	175.00	150	Horizontal	Pass
5**	7442.750	40.34	-4.31	54.0	-13.66	AV	175.00	150	Horizontal	Pass
6	12335.713	51.86	-0.84	74.0	-22.14	Peak	121.00	150	Horizontal	Pass
6**	12335.713	41.43	-0.84	54.0	-12.57	AV	121.00	150	Horizontal	Pass

11n20, Band IV, 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	1584.100	38.67	-17.98	74.0	-35.33	Peak	208.00	150	Vertical	Pass
1**	1584.100	28.38	-17.98	54.0	-25.62	AV	208.00	150	Vertical	Pass
2	2774.500	43.41	-11.43	74.0	-30.59	Peak	283.00	150	Vertical	Pass
2**	2774.500	34.08	-11.43	54.0	-19.92	AV	283.00	150	Vertical	Pass
3	3883.600	47.65	-7.24	74.0	-26.35	Peak	360.00	150	Vertical	Pass
3**	3883.600	44.77	-7.24	54.0	-9.23	AV	360.00	150	Vertical	Pass
4	5826.200	100.13	-2.91	--	--	Peak	338.00	150	Vertical	N/A
4**	5826.200	92.88	-2.91	--	--	AV	338.00	150	Vertical	N/A
5	7433.838	48.15	-4.38	74.0	-25.85	Peak	89.00	150	Vertical	Pass
5**	7433.838	39.74	-4.38	54.0	-14.26	AV	89.00	150	Vertical	Pass
6	12019.174	51.12	-1.18	74.0	-22.88	Peak	236.00	150	Vertical	Pass
6**	12019.174	41.87	-1.18	54.0	-12.13	AV	236.00	150	Vertical	Pass

11n40, Band IV, 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	1353.200	37.62	-17.97	74.0	-36.38	Peak	61.00	150	Horizontal	Pass
1**	1353.200	28.85	-17.97	54.0	-25.15	AV	61.00	150	Horizontal	Pass
2	2792.000	42.79	-11.10	74.0	-31.21	Peak	161.00	150	Horizontal	Pass
2**	2792.000	33.58	-11.10	54.0	-20.42	AV	161.00	150	Horizontal	Pass
3	3836.600	49.65	-6.70	74.0	-24.35	Peak	275.00	150	Horizontal	Pass
3**	3836.600	47.09	-6.70	54.0	-6.91	AV	275.00	150	Horizontal	Pass
4	5756.600	97.72	-3.43	--	--	Peak	151.00	150	Horizontal	N/A
4**	5756.600	90.60	-3.43	--	--	AV	151.00	150	Horizontal	N/A
5	7362.537	49.15	-5.05	74.0	-24.85	Peak	174.00	150	Horizontal	Pass
5**	7362.537	39.10	-5.05	54.0	-14.90	AV	174.00	150	Horizontal	Pass
6	12187.076	51.82	-0.90	74.0	-22.18	Peak	265.00	150	Horizontal	Pass
6**	12187.076	42.23	-0.90	54.0	-11.77	AV	265.00	150	Horizontal	Pass

11n40, Band IV, 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	1332.100	37.06	-17.93	74.0	-36.94	Peak	103.00	150	Vertical	Pass
1**	1332.100	35.07	-17.93	54.0	-18.93	AV	103.00	150	Vertical	Pass
2	2758.700	43.08	-11.49	74.0	-30.92	Peak	134.00	150	Vertical	Pass
2**	2758.700	33.29	-11.49	54.0	-20.71	AV	134.00	150	Vertical	Pass
3	3836.800	48.91	-6.69	74.0	-25.09	Peak	315.00	150	Vertical	Pass
3**	3836.800	44.93	-6.69	54.0	-9.07	AV	315.00	150	Vertical	Pass
4	5750.800	98.13	-3.67	--	--	Peak	351.00	150	Vertical	N/A
4**	5750.800	90.53	-3.67	--	--	AV	351.00	150	Vertical	N/A
5	7428.087	49.18	-4.17	74.0	-24.82	Peak	215.00	150	Vertical	Pass
5**	7428.087	39.41	-4.17	54.0	-14.59	AV	215.00	150	Vertical	Pass
6	12302.650	51.60	-0.03	74.0	-22.40	Peak	162.00	150	Vertical	Pass
6**	12302.650	41.67	-0.03	54.0	-12.33	AV	162.00	150	Vertical	Pass

11n40, Band IV, 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	1327.200	37.68	-17.77	74.0	-36.32	Peak	58.00	150	Horizontal	Pass
1**	1327.200	28.60	-17.77	54.0	-25.40	AV	58.00	150	Horizontal	Pass
2	2767.100	42.87	-11.55	74.0	-31.13	Peak	254.00	150	Horizontal	Pass
2**	2767.100	33.70	-11.55	54.0	-20.30	AV	254.00	150	Horizontal	Pass
3	3863.600	49.83	-7.10	74.0	-24.17	Peak	275.00	150	Horizontal	Pass
3**	3863.600	47.95	-7.10	54.0	-6.05	AV	275.00	150	Horizontal	Pass
4	5793.200	97.89	-3.09	--	--	Peak	287.00	150	Horizontal	N/A
4**	5793.200	90.27	-3.09	--	--	AV	287.00	150	Horizontal	N/A
5	7421.475	48.77	-4.03	74.0	-25.23	Peak	68.00	150	Horizontal	Pass
5**	7421.475	40.02	-4.03	54.0	-13.98	AV	68.00	150	Horizontal	Pass
6	12088.750	51.35	-1.20	74.0	-22.65	Peak	360.00	150	Horizontal	Pass
6**	12088.750	42.38	-1.20	54.0	-11.62	AV	360.00	150	Horizontal	Pass

11n40, Band IV, 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	1327.700	36.85	-17.77	74.0	-37.15	Peak	296.00	150	Vertical	Pass
1**	1327.700	33.25	-17.77	54.0	-20.75	AV	296.00	150	Vertical	Pass
2	2783.800	42.64	-11.29	74.0	-31.36	Peak	56.00	150	Vertical	Pass
2**	2783.800	33.63	-11.29	54.0	-20.37	AV	56.00	150	Vertical	Pass
3	3863.600	48.26	-7.10	74.0	-25.74	Peak	87.00	150	Vertical	Pass
3**	3863.600	45.31	-7.10	54.0	-8.69	AV	87.00	150	Vertical	Pass
4	5791.600	96.80	-3.15	--	--	Peak	351.00	150	Vertical	N/A
4**	5791.600	88.92	-3.15	--	--	AV	351.00	150	Vertical	N/A
5	7436.425	48.80	-4.35	74.0	-25.20	Peak	116.00	150	Vertical	Pass
5**	7436.425	39.80	-4.35	54.0	-14.20	AV	116.00	150	Vertical	Pass
6	12074.375	51.11	-1.38	74.0	-22.89	Peak	186.00	150	Vertical	Pass
6**	12074.375	42.29	-1.38	54.0	-11.71	AV	186.00	150	Vertical	Pass

11ac20, Band IV, 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	1331.300	38.22	-17.90	74.0	-35.78	Peak	226.00	150	Horizontal	Pass
1**	1331.300	28.62	-17.90	54.0	-25.38	AV	226.00	150	Horizontal	Pass
2	2824.500	42.89	-11.77	74.0	-31.11	Peak	360.00	150	Horizontal	Pass
2**	2824.500	33.77	-11.77	54.0	-20.23	AV	360.00	150	Horizontal	Pass
3	3830.000	49.31	-7.17	74.0	-24.69	Peak	283.00	150	Horizontal	Pass
3**	3830.000	46.79	-7.17	54.0	-7.21	AV	283.00	150	Horizontal	Pass
4	5746.600	102.46	-4.00	--	--	Peak	148.00	150	Horizontal	N/A
4**	5746.600	93.81	-4.00	--	--	AV	148.00	150	Horizontal	N/A
5	7586.788	48.47	-4.66	74.0	-25.53	Peak	179.00	150	Horizontal	Pass
5**	7586.788	38.98	-4.66	54.0	-15.02	AV	179.00	150	Horizontal	Pass
6	11589.363	51.42	-0.06	74.0	-22.58	Peak	39.00	150	Horizontal	Pass
6**	11589.363	41.99	-0.06	54.0	-12.01	AV	39.00	150	Horizontal	Pass

11ac20, Band IV, 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	1328.800	40.19	-17.79	74.0	-33.81	Peak	119.00	150	Vertical	Pass
1**	1328.800	31.15	-17.79	54.0	-22.85	AV	119.00	150	Vertical	Pass
2	2757.600	42.96	-11.44	74.0	-31.04	Peak	340.00	150	Vertical	Pass
2**	2757.600	33.20	-11.44	54.0	-20.80	AV	340.00	150	Vertical	Pass
3	3830.200	47.75	-7.15	74.0	-26.25	Peak	314.00	150	Vertical	Pass
3**	3830.200	44.63	-7.15	54.0	-9.37	AV	314.00	150	Vertical	Pass
4	5742.200	102.69	-4.08	--	--	Peak	352.00	150	Vertical	N/A
4**	5742.200	95.17	-4.08	--	--	AV	352.00	150	Vertical	N/A
5	7369.438	48.85	-4.88	74.0	-25.15	Peak	0.00	150	Vertical	Pass
5**	7369.438	39.98	-4.88	54.0	-14.02	AV	0.00	150	Vertical	Pass
6	12249.463	51.68	-0.10	74.0	-22.32	Peak	360.00	150	Vertical	Pass
6**	12249.463	42.49	-0.10	54.0	-11.51	AV	360.00	150	Vertical	Pass

11ac20, Band IV, 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	1331.600	37.94	-17.91	74.0	-36.06	Peak	224.00	150	Horizontal	Pass
1**	1331.600	28.41	-17.91	54.0	-25.59	AV	224.00	150	Horizontal	Pass
2	2774.900	42.84	-11.42	74.0	-31.16	Peak	306.00	150	Horizontal	Pass
2**	2774.900	33.66	-11.42	54.0	-20.34	AV	306.00	150	Horizontal	Pass
3	3857.000	49.60	-6.95	74.0	-24.40	Peak	270.00	150	Horizontal	Pass
3**	3857.000	48.25	-6.95	54.0	-5.75	AV	270.00	150	Horizontal	Pass
4	5783.600	102.78	-3.07	--	--	Peak	100.00	150	Horizontal	N/A
4**	5783.600	95.59	-3.07	--	--	AV	100.00	150	Horizontal	N/A
5	7418.888	48.72	-4.10	74.0	-25.28	Peak	52.00	150	Horizontal	Pass
5**	7418.888	39.32	-4.10	54.0	-14.68	AV	52.00	150	Horizontal	Pass
6	12271.600	52.24	0.07	74.0	-21.76	Peak	105.00	150	Horizontal	Pass
6**	12271.600	42.56	0.07	54.0	-11.44	AV	105.00	150	Horizontal	Pass

11ac20, Band IV, 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	1330.200	37.93	-17.85	74.0	-36.07	Peak	103.00	150	Vertical	Pass
1**	1330.200	29.94	-17.85	54.0	-24.06	AV	103.00	150	Vertical	Pass
2	2863.800	43.49	-11.45	74.0	-30.51	Peak	318.00	150	Vertical	Pass
2**	2863.800	33.25	-11.45	54.0	-20.75	AV	318.00	150	Vertical	Pass
3	3856.800	49.04	-6.94	74.0	-24.96	Peak	84.00	150	Vertical	Pass
3**	3856.800	45.94	-6.94	54.0	-8.06	AV	84.00	150	Vertical	Pass
4	5783.200	102.50	-3.11	--	--	Peak	350.00	150	Vertical	N/A
4**	5783.200	94.63	-3.11	--	--	AV	350.00	150	Vertical	N/A
5	7468.913	48.89	-4.62	74.0	-25.11	Peak	33.00	150	Vertical	Pass
5**	7468.913	38.94	-4.62	54.0	-15.06	AV	33.00	150	Vertical	Pass
6	12133.888	51.32	-0.68	74.0	-22.68	Peak	130.00	150	Vertical	Pass
6**	12133.888	42.59	-0.68	54.0	-11.41	AV	130.00	150	Vertical	Pass

11ac20, Band IV, 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	1196.200	44.08	-18.18	74.0	-29.92	Peak	210.00	150	Horizontal	Pass
1**	1196.200	32.16	-18.18	54.0	-21.84	AV	210.00	150	Horizontal	Pass
2	2852.600	44.30	-11.54	74.0	-29.70	Peak	163.00	150	Horizontal	Pass
2**	2852.600	33.84	-11.54	54.0	-20.16	AV	163.00	150	Horizontal	Pass
3	3883.400	50.36	-7.24	74.0	-23.64	Peak	279.00	150	Horizontal	Pass
3**	3883.400	48.46	-7.24	54.0	-5.54	AV	279.00	150	Horizontal	Pass
4	5824.600	102.32	-2.95	--	--	Peak	161.00	150	Horizontal	N/A
4**	5824.600	94.81	-2.95	--	--	AV	161.00	150	Horizontal	N/A
5	7422.338	48.60	-4.07	74.0	-25.40	Peak	106.00	150	Horizontal	Pass
5**	7422.338	39.95	-4.07	54.0	-14.05	AV	106.00	150	Horizontal	Pass
6	12097.950	51.72	-1.06	74.0	-22.28	Peak	233.00	150	Horizontal	Pass
6**	12097.950	41.73	-1.06	54.0	-12.27	AV	233.00	150	Horizontal	Pass

11ac20, Band IV, 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	1196.400	48.22	-18.18	74.0	-25.78	Peak	306.00	150	Vertical	Pass
1**	1196.400	29.99	-18.18	54.0	-24.01	AV	306.00	150	Vertical	Pass
2	2797.100	46.11	-11.42	74.0	-27.89	Peak	298.00	150	Vertical	Pass
2**	2797.100	33.46	-11.42	54.0	-20.54	AV	298.00	150	Vertical	Pass
3	3883.400	47.87	-7.24	74.0	-26.13	Peak	111.00	150	Vertical	Pass
3**	3883.400	44.45	-7.24	54.0	-9.55	AV	111.00	150	Vertical	Pass
4	5823.600	101.92	-2.90	--	--	Peak	0.00	150	Vertical	N/A
4**	5823.600	94.48	-2.90	--	--	AV	0.00	150	Vertical	N/A
5	7431.538	48.60	-4.40	74.0	-25.40	Peak	347.00	150	Vertical	Pass
5**	7431.538	40.14	-4.40	54.0	-13.86	AV	347.00	150	Vertical	Pass
6	12180.750	51.56	-0.97	74.0	-22.44	Peak	156.00	150	Vertical	Pass
6**	12180.750	41.57	-0.97	54.0	-12.43	AV	156.00	150	Vertical	Pass

11ac40, Band IV, 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	1198.600	41.65	-18.32	74.0	-32.35	Peak	153.00	150	Horizontal	Pass
1**	1198.600	28.83	-18.32	54.0	-25.17	AV	153.00	150	Horizontal	Pass
2	2277.600	44.83	-13.56	74.0	-29.17	Peak	252.00	150	Horizontal	Pass
2**	2277.600	32.28	-13.56	54.0	-21.72	AV	252.00	150	Horizontal	Pass
3	3836.800	49.48	-6.69	74.0	-24.52	Peak	301.00	150	Horizontal	Pass
3**	3836.800	47.06	-6.69	54.0	-6.94	AV	301.00	150	Horizontal	Pass
4	5756.800	99.32	-3.43	--	--	Peak	156.00	150	Horizontal	N/A
4**	5756.800	91.23	-3.43	--	--	AV	156.00	150	Horizontal	N/A
5	7435.562	48.93	-4.35	74.0	-25.07	Peak	360.00	150	Horizontal	Pass
5**	7435.562	39.40	-4.35	54.0	-14.60	AV	360.00	150	Horizontal	Pass
6	12010.550	51.40	-1.24	74.0	-22.60	Peak	71.00	150	Horizontal	Pass
6**	12010.550	42.38	-1.24	54.0	-11.62	AV	71.00	150	Horizontal	Pass

11ac40, Band IV, 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	1198.000	46.86	-18.27	74.0	-27.14	Peak	316.00	150	Vertical	Pass
1**	1198.000	32.48	-18.27	54.0	-21.52	AV	316.00	150	Vertical	Pass
2	2260.600	45.89	-13.47	74.0	-28.11	Peak	270.00	150	Vertical	Pass
2**	2260.600	33.96	-13.47	54.0	-20.04	AV	270.00	150	Vertical	Pass
3	3837.000	47.63	-6.68	74.0	-26.37	Peak	316.00	150	Vertical	Pass
3**	3837.000	44.95	-6.68	54.0	-9.05	AV	316.00	150	Vertical	Pass
4	5751.000	100.13	-3.67	--	--	Peak	360.00	150	Vertical	N/A
4**	5751.000	92.74	-3.67	--	--	AV	360.00	150	Vertical	N/A
5	7533.887	49.27	-4.26	74.0	-24.73	Peak	103.00	150	Vertical	Pass
5**	7533.887	39.07	-4.26	54.0	-14.93	AV	103.00	150	Vertical	Pass
6	12099.387	51.17	-1.04	74.0	-22.83	Peak	50.00	150	Vertical	Pass
6**	12099.387	42.31	-1.04	54.0	-11.69	AV	50.00	150	Vertical	Pass

11ac40, Band IV, 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	42.73	-18.21	74.0	-31.27	Peak	340.00	150	Horizontal	Pass
1**	1199.600	31.85	-18.21	54.0	-22.15	AV	340.00	150	Horizontal	Pass
2	3863.400	51.28	-7.09	74.0	-22.72	Peak	295.00	150	Horizontal	Pass
2**	3863.400	48.69	-7.09	54.0	-5.31	AV	295.00	150	Horizontal	Pass
3	5016.600	50.03	-4.08	74.0	-23.97	Peak	359.00	150	Horizontal	Pass
3**	5016.600	40.17	-4.08	54.0	-13.83	AV	359.00	150	Horizontal	Pass
4	5798.600	98.35	-3.17	--	--	Peak	159.00	150	Horizontal	N/A
4**	5798.600	90.57	-3.17	--	--	AV	159.00	150	Horizontal	N/A
5	7421.188	48.67	-4.01	74.0	-25.33	Peak	103.00	150	Horizontal	Pass
5**	7421.188	39.38	-4.01	54.0	-14.62	AV	103.00	150	Horizontal	Pass
6	12229.625	51.53	-0.30	74.0	-22.47	Peak	194.00	150	Horizontal	Pass
6**	12229.625	41.36	-0.30	54.0	-12.64	AV	194.00	150	Horizontal	Pass

11ac40, Band IV, 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	1196.800	48.10	-18.18	74.0	-25.90	Peak	308.00	150	Vertical	Pass
1**	1196.800	30.99	-18.18	54.0	-23.01	AV	308.00	150	Vertical	Pass
2	2255.600	45.21	-13.26	74.0	-28.79	Peak	271.00	150	Vertical	Pass
2**	2255.600	34.43	-13.26	54.0	-19.57	AV	271.00	150	Vertical	Pass
3	3863.400	49.00	-7.09	74.0	-25.00	Peak	310.00	150	Vertical	Pass
3**	3863.400	45.67	-7.09	54.0	-8.33	AV	310.00	150	Vertical	Pass
4	5791.000	99.15	-3.19	--	--	Peak	0.00	150	Vertical	N/A
4**	5791.000	91.27	-3.19	--	--	AV	0.00	150	Vertical	N/A
5	7420.038	48.82	-4.02	74.0	-25.18	Peak	74.00	150	Vertical	Pass
5**	7420.038	40.24	-4.02	54.0	-13.76	AV	74.00	150	Vertical	Pass
6	11577.575	50.90	0.03	74.0	-23.10	Peak	237.00	150	Vertical	Pass
6**	11577.575	42.09	0.03	54.0	-11.91	AV	237.00	150	Vertical	Pass

11ac80, Band IV, 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	1198.900	42.16	-18.31	74.0	-31.84	Peak	336.00	150	Horizontal	Pass
1**	1198.900	29.61	-18.31	54.0	-24.39	AV	336.00	150	Horizontal	Pass
2	2786.300	42.33	-11.18	74.0	-31.67	Peak	247.00	150	Horizontal	Pass
2**	2786.300	33.72	-11.18	54.0	-20.28	AV	247.00	150	Horizontal	Pass
3	3850.000	51.24	-6.54	74.0	-22.76	Peak	294.00	150	Horizontal	Pass
3**	3850.000	49.28	-6.54	54.0	-4.72	AV	294.00	150	Horizontal	Pass
4	5780.400	95.33	-3.26	--	--	Peak	158.00	150	Horizontal	N/A
4**	5780.400	87.96	-3.26	--	--	AV	158.00	150	Horizontal	N/A
5	7477.825	48.78	-4.60	74.0	-25.22	Peak	26.00	150	Horizontal	Pass
5**	7477.825	38.59	-4.60	54.0	-15.41	AV	26.00	150	Horizontal	Pass
6	11622.425	51.68	-0.19	74.0	-22.32	Peak	26.00	150	Horizontal	Pass
6**	11622.425	41.68	-0.19	54.0	-12.32	AV	26.00	150	Horizontal	Pass

11ac80, Band IV, 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	1196.500	43.62	-18.17	74.0	-30.38	Peak	310.00	150	Vertical	Pass
1**	1196.500	35.50	-18.17	54.0	-18.50	AV	310.00	150	Vertical	Pass
2	2343.300	46.75	-13.53	74.0	-27.25	Peak	276.00	150	Vertical	Pass
2**	2343.300	32.53	-13.53	54.0	-21.47	AV	276.00	150	Vertical	Pass
3	3850.000	48.10	-6.54	74.0	-25.90	Peak	108.00	150	Vertical	Pass
3**	3850.000	45.27	-6.54	54.0	-8.73	AV	108.00	150	Vertical	Pass
4	5769.200	94.86	-3.29	--	--	Peak	185.00	150	Vertical	N/A
4**	5769.200	86.98	-3.29	--	--	AV	185.00	150	Vertical	N/A
5	7442.175	48.25	-4.27	74.0	-25.75	Peak	0.00	150	Vertical	Pass
5**	7442.175	40.21	-4.27	54.0	-13.79	AV	0.00	150	Vertical	Pass
6	11619.838	50.92	-0.16	74.0	-23.08	Peak	12.00	150	Vertical	Pass
6**	11619.838	41.76	-0.16	54.0	-12.24	AV	12.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

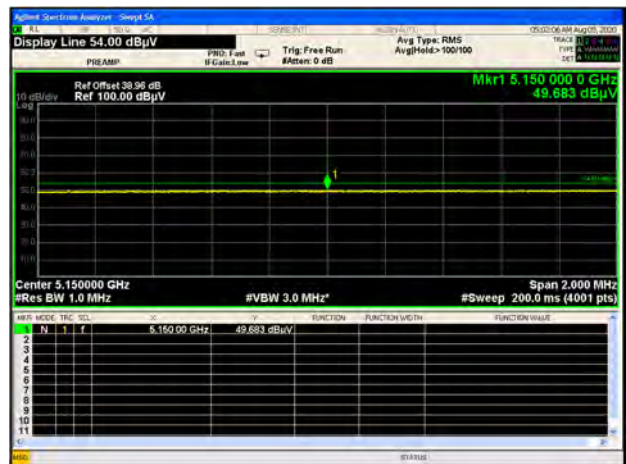
Test Band	Mode	Channel	Verdict
Band I	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
High		Pass	
802.11ac(VHT80)	Middle	Pass	
Band II	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		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	
Band III	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)	Low	Pass	
	High	Pass	
Band IV	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

Band I 11a CH36 Peak



Band I 11a CH36 AV



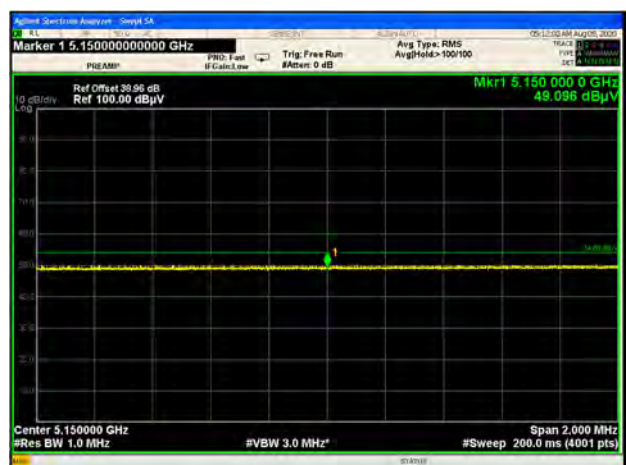
Band I 11a CH48 Peak



Band I 11n20 CH36 Peak



Band I 11n20 CH36 AV



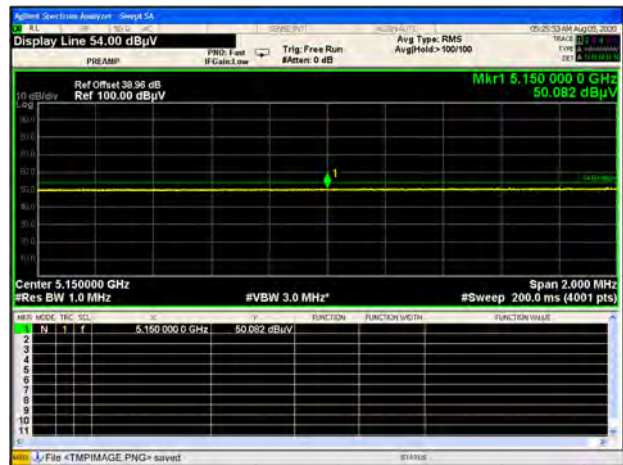
Band I 11n20 CH48 Peak



Band I 11n40 CH38 Peak



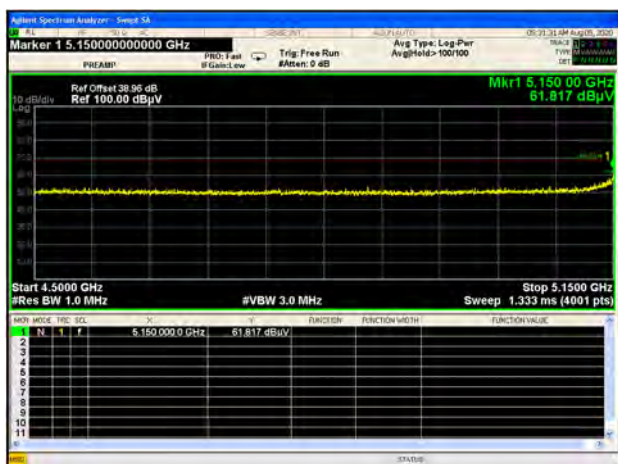
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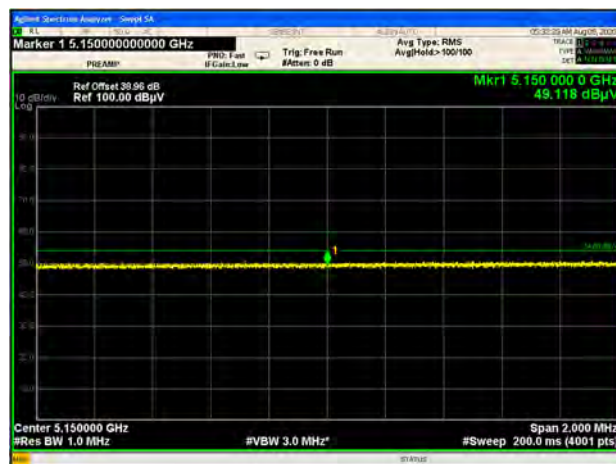
Band I 11n40 CH46 Peak



Band I 11ac20 CH36 Peak



Band I 11ac20 CH36 AV



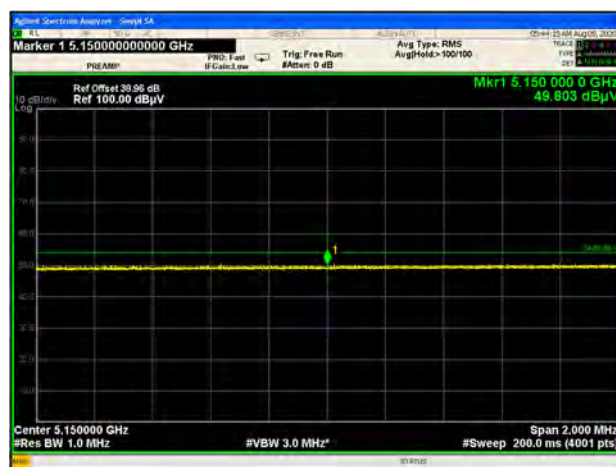
Band I 11ac20 CH48 Peak



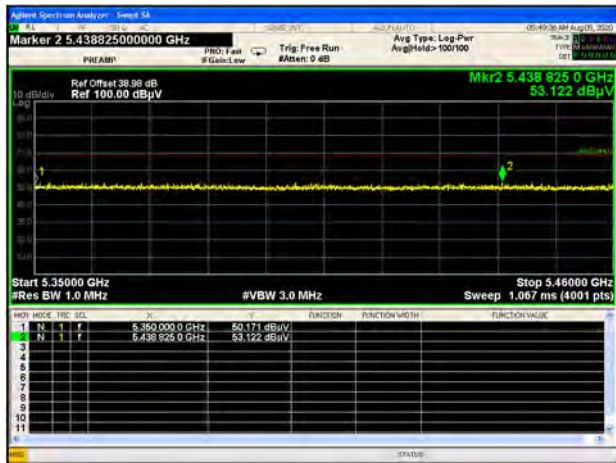
Band I 11ac40 CH38 Peak



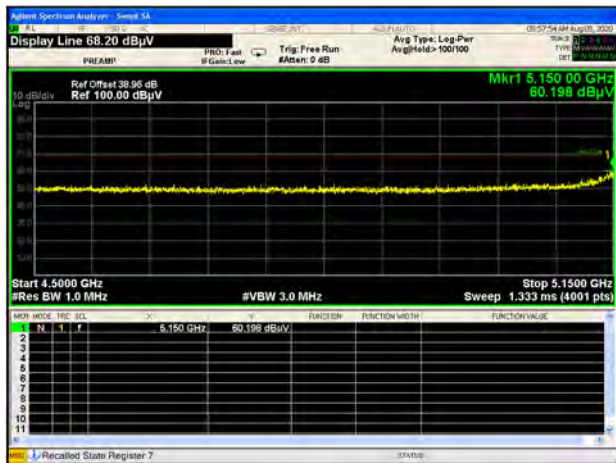
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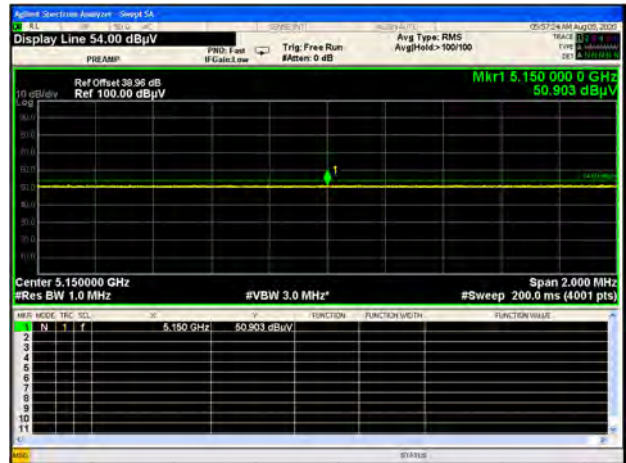
Band I 11ac40 CH46 Peak



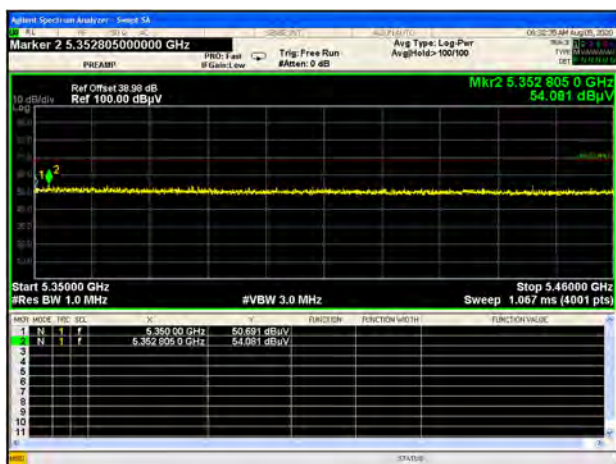
Band I 11ac80 CH42 Peak



Band I 11ac80 CH42 AV



Band I 11ac80 CH42 Peak



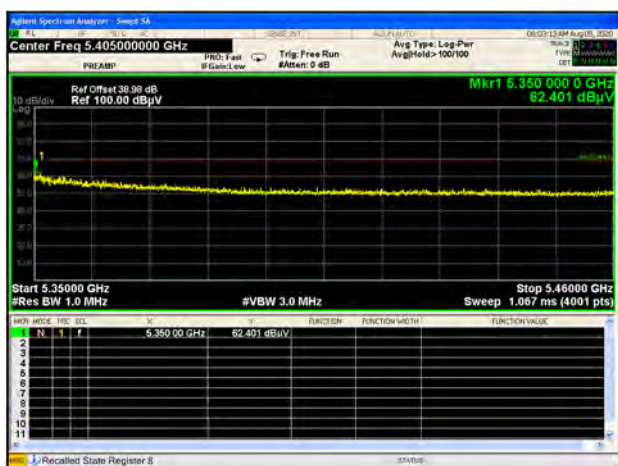
Band I 11ac80 CH42 AV



Band II 11a CH52 Peak



Band II 11a CH64 Peak



Band II 11a CH64 AV



Band II 11n20 CH52 Peak



Band II 11n20 CH64 Peak



Band II 11n20 CH64 AV



Band II 11n20 CH64 AV



Band II 11n40 CH54 Peak



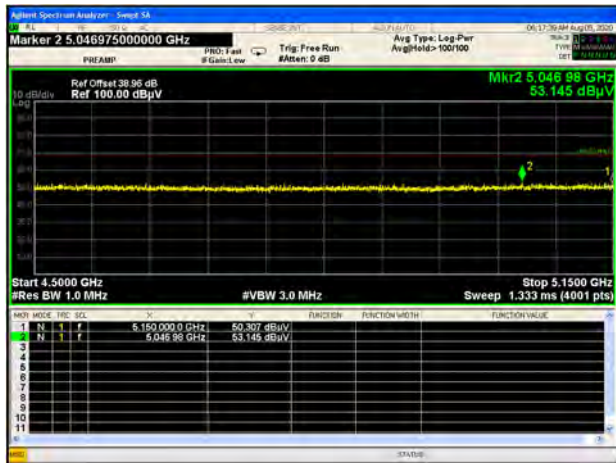
Band II 11n40 CH62 Peak



Band II 11n40 CH62 AV



Band II 11ac20 CH52 Peak



Band II 11ac20 CH64 Peak



Band II 11ac20 CH64 AV



Band II 11ac20 CH64 AV



Band II 11ac40 CH54 Peak



Band II 11ac40 CH62 Peak



Band II 11ac40 CH62 AV



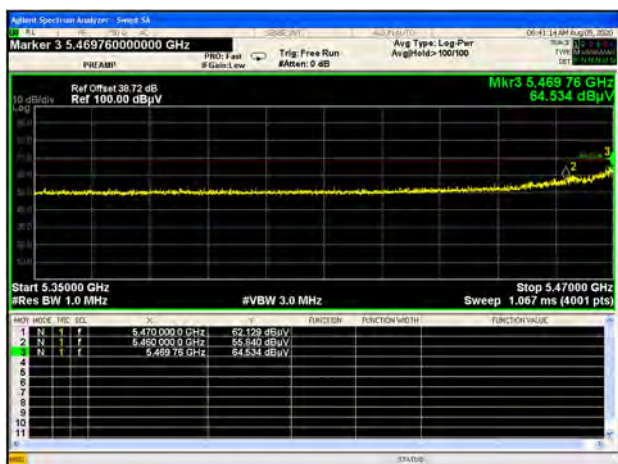
Band II 11ac80 CH58 Peak



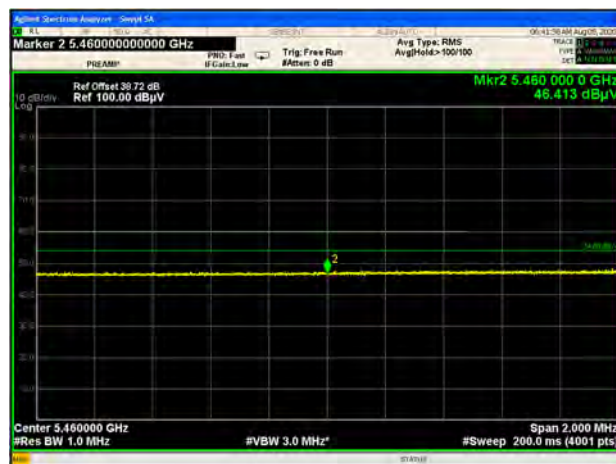
Band II 11ac80 CH58 AV



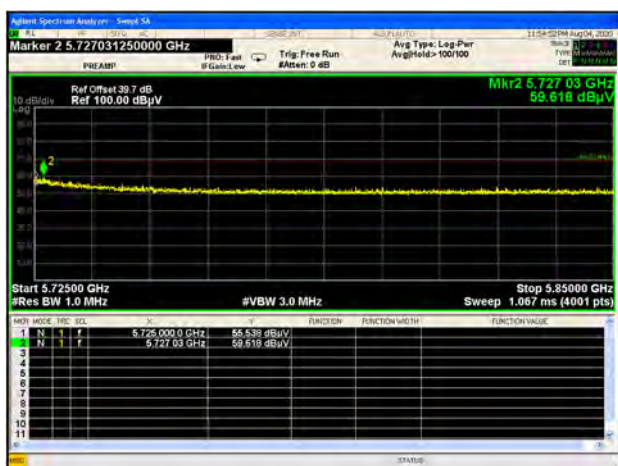
Band III 11a CH100 Peak



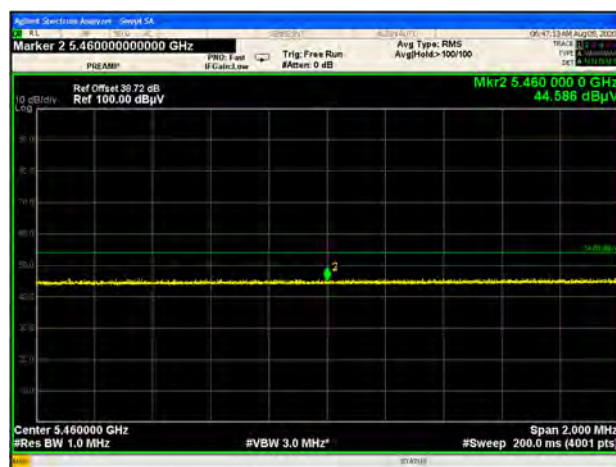
Band III 11a CH100 AV



Band III 11a CH140 Peak



Band III 11n20 CH100 AV



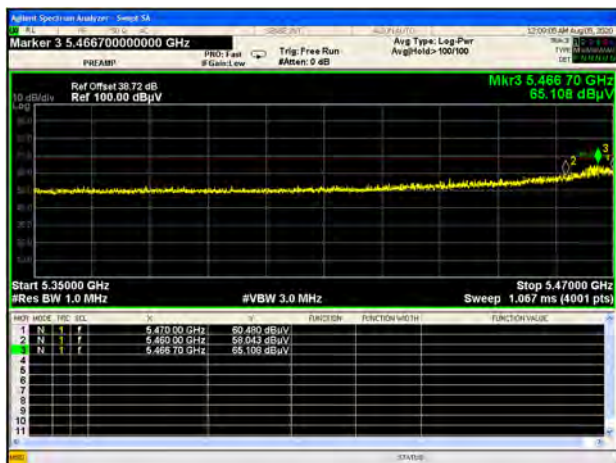
Band III 11n20 CH100 Peak



Band III 11n20 CH140 Peak



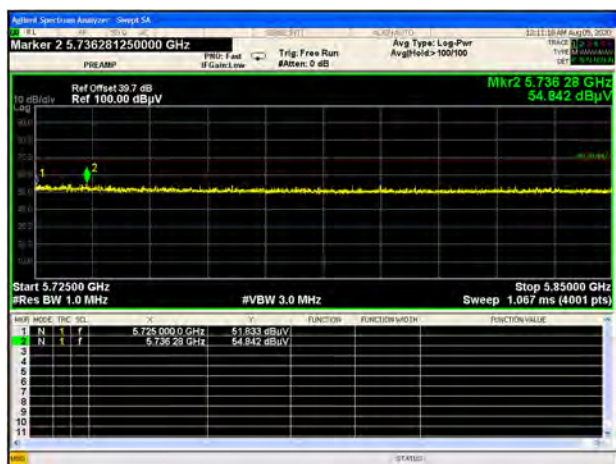
Band III 11n40 CH102 Peak



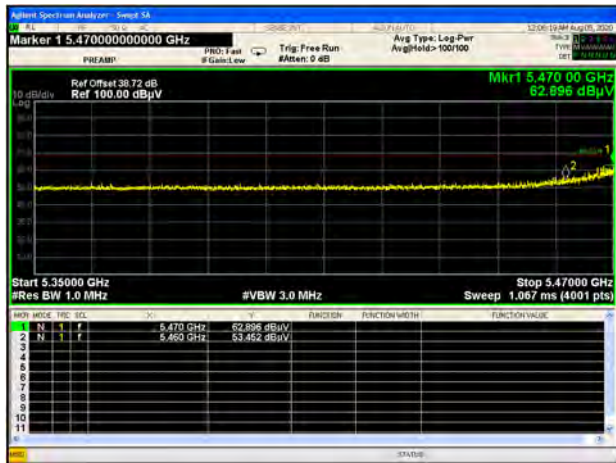
Band III 11n40 CH102 AV



Band III 11n40 CH134 Peak



Band III 11ac20 CH100 Peak



Band III 11ac20 CH140 Peak



Band III 11ac40 CH102 Peak



Band III 11ac40 CH102 AV



Band III 11ac40 CH134 Peak



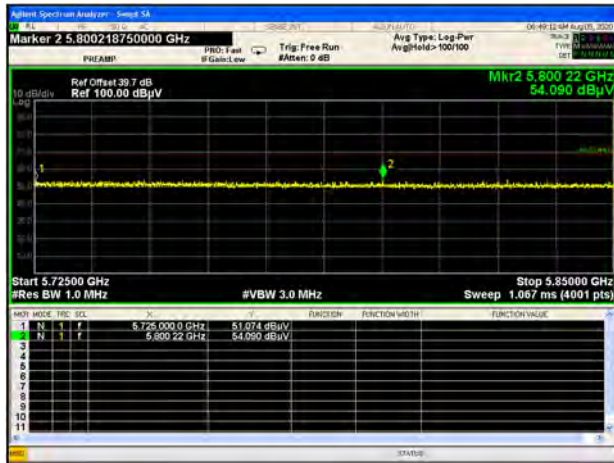
Band III 11ac80 CH106 Peak



Band III 11ac80 CH106 AV



Band III 11ac80 CH122 Peak



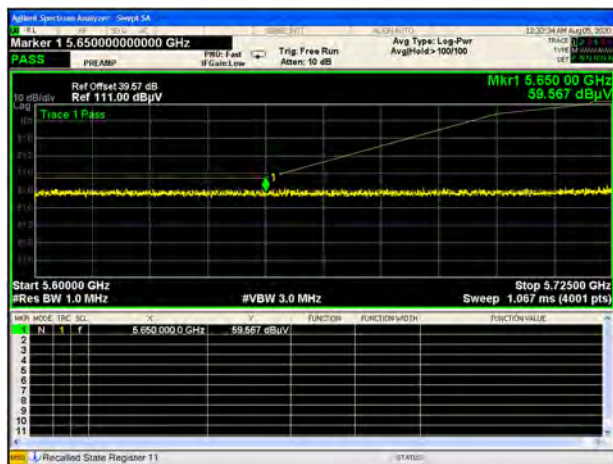
Band IV 11a CH149 Peak



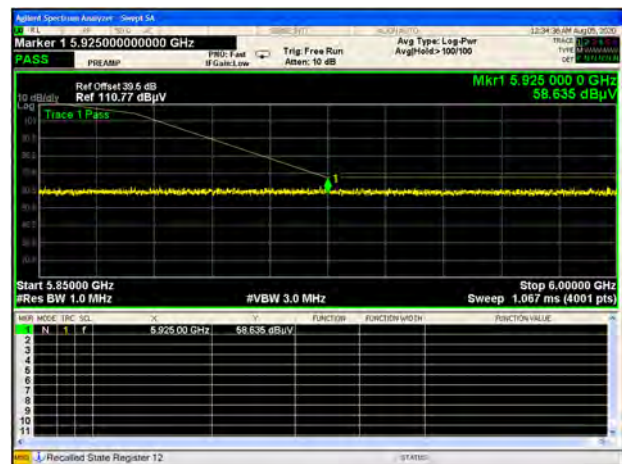
Band IV 11a CH165 Peak



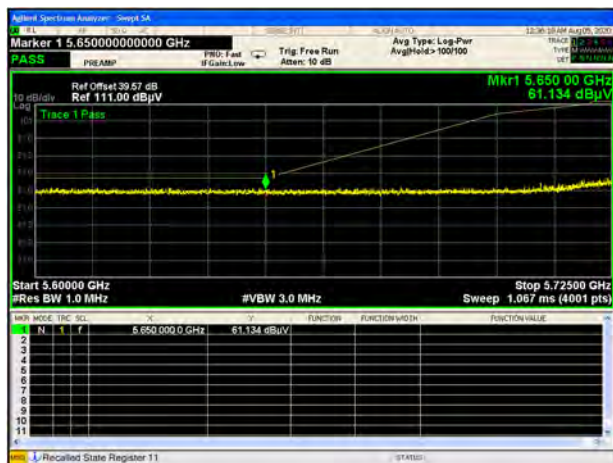
Band IV 11n20 CH149 Peak



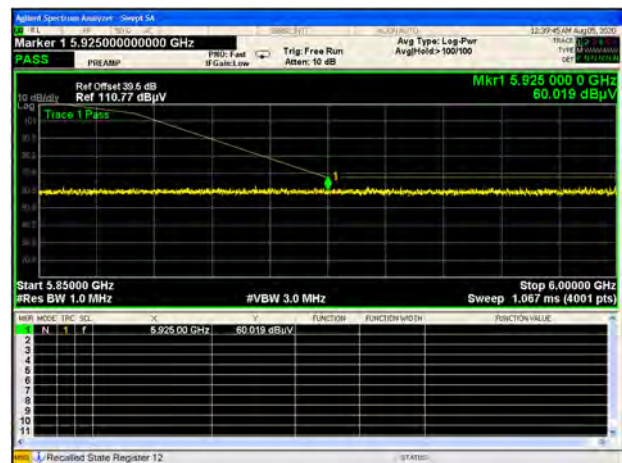
Band IV 11n20 CH165 Peak



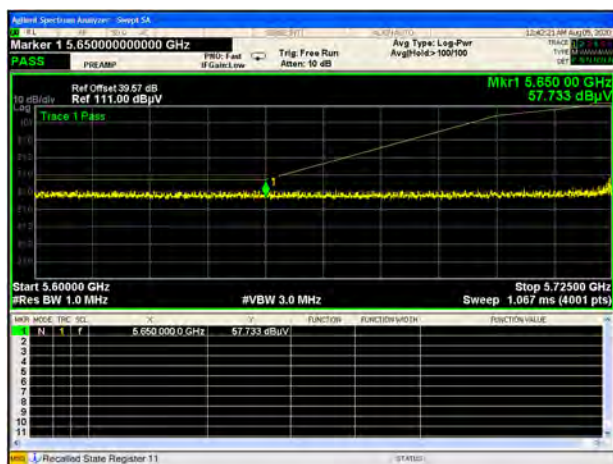
Band IV 11n40 CH151 Peak



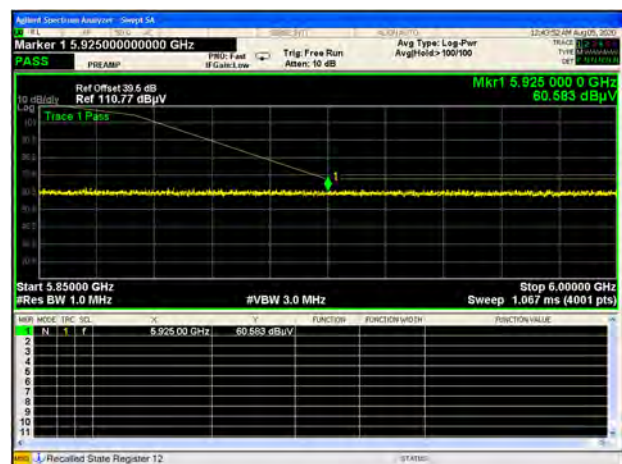
Band IV 11n40 CH159 Peak



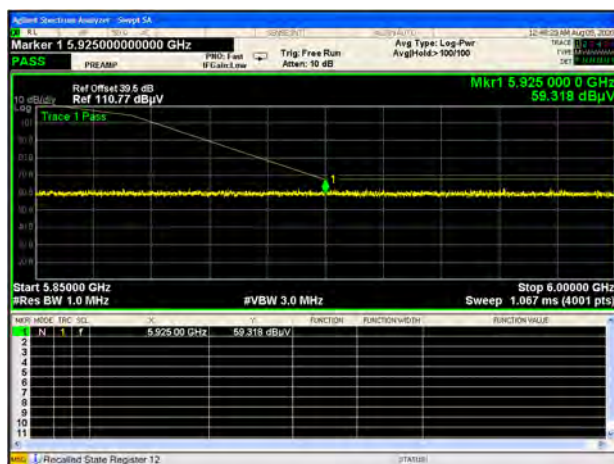
Band IV 11ac20 CH149 Peak



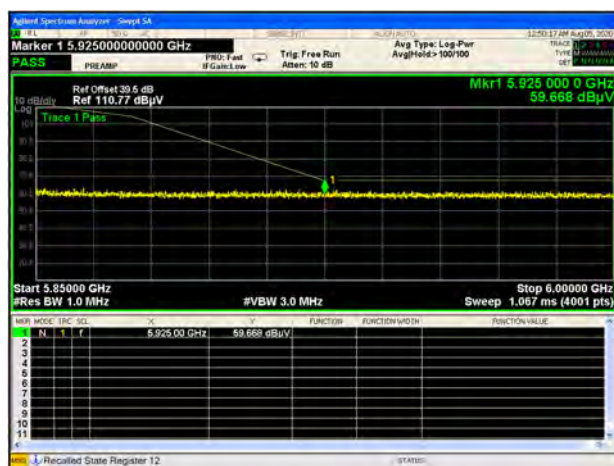
Band IV 11ac20 CH165 Peak



Band IV 11ac40 CH159 Peak



Band IV 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2070455-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2070455-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2070455-AI.PDF".

--END OF REPORT--