

FCC

RF

TEST REPORT

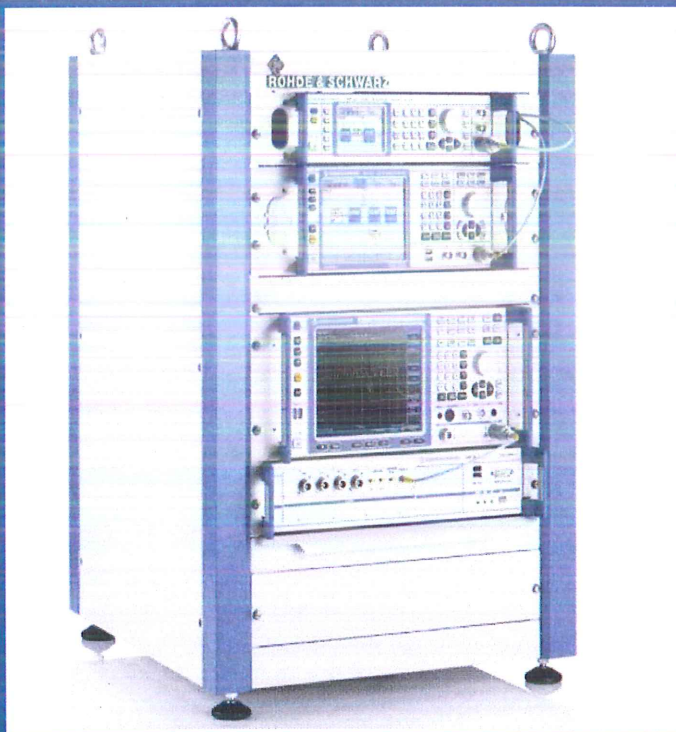
ISSUED BY
Shenzhen BALUN Technology Co., Ltd.



FOR
Mobile Phone

ISSUED TO
vivo Mobile Communication Co., Ltd.

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



Prepared by:

Ye Hongji

Ye Hongji

Date

Oct. 14, 2020

Approved by:



Wei Yanquan

(Chief Engineer)

Date

Oct. 14, 2020

Report No.: BL-SZ2090180-604

EUT Name: Mobile Phone

Model Name: V2025

Brand Name: vivo

Test Standard: 47 CFR Part 15 Subpart E

FCC ID: 2AUCY-V2025

Test Conclusion: Pass

Test Date: Sep. 07, 2020 ~ Oct. 14, 2020

Date of Issue: Oct. 14, 2020

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Revision History

Version	Issue Date	Revisions Content
<u>Rev. 01</u>	<u>Oct. 09, 2020</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Oct. 14, 2020</u>	<u>Add straddle channel of Band3 data and revise band edge limit; Update standard version</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	vivo Mobile Communication Co., Ltd.
Address	#283, BBK Road, Wusha, Chang'An, DongGuan City, China

2.2 Manufacturer

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

2.3 Factory

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

2.4 General Description for Equipment under Test (EUT)

EUT Name	Mobile Phone
Model Name Under Test	V2025
Series Model Name	N/A
Description of Model name differentiation	N/A
Serial Number	N/A
Hardware Version	MP_0.1
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	5G WIFI 802.11a, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) Band 1/2A/2C/3
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	Band 1: 5150 MHz to 5250 MHz, Band 2A: 5250 MHz to 5350 MHz, Band 2C: 5470 MHz to 5725 MHz Band 3: 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 1: 17.92 dBm Band 2A: 18.91 dBm Band 2C: 13.37 dBm Band 3: 13.01 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	Band 1: -2.17 dBi Band 2A: -0.22 dBi Band 2C: -1.37 dBi Band 3: -2.60 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
About the Product	The equipment is Mobile Phone, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
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During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

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

Band 1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	16.0
11a	CH44	5220	16.0
11a	CH48	5240	16.0
11n (HT20)	CH36	5180	16.0
11n (HT20)	CH44	5220	16.0
11n (HT20)	CH48	5240	16.0
11n (HT40)	CH38	5190	11.0
11n (HT40)	CH46	5230	11.0
11ac (VHT20)	CH36	5180	17.0
11ac (VHT20)	CH44	5220	17.0
11ac (VHT20)	CH48	5240	17.0
11ac (VHT40)	CH38	5190	12.0
11ac (VHT40)	CH46	5230	12.0
11ac (VHT80)	CH42	5210	11.0

Band 2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	16.0
11a	CH60	5300	16.0
11a	CH64	5320	16.0
11n (HT20)	CH52	5260	16.0
11n (HT20)	CH60	5300	16.0
11n (HT20)	CH64	5320	16.0
11n (HT40)	CH54	5270	11.0
11n (HT40)	CH62	5310	11.0
11ac (VHT20)	CH52	5260	17.0
11ac (VHT20)	CH60	5300	17.0
11ac (VHT20)	CH64	5320	17.0
11ac (VHT40)	CH54	5270	12.0
11ac (VHT40)	CH62	5310	12.0
11ac (VHT80)	CH58	5290	11.0

Band 2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	11.0
11a	CH116	5580	11.0
11a	CH140	5700	11.0
11a	CH144	5720	11.0
11n (HT20)	CH100	5500	11.0
11n (HT20)	CH116	5580	11.0
11n (HT20)	CH140	5700	11.0
11n (HT20)	CH144	5720	11.0
11n (HT40)	CH102	5510	11.0
11n (HT40)	CH118	5590	11.0
11n (HT40)	CH134	5670	11.0
11n (HT40)	CH142	5710	11.0
11ac (VHT20)	CH100	5500	11.0
11ac (VHT20)	CH116	5580	11.0
11ac (VHT20)	CH140	5700	11.0
11ac (VHT20)	CH144	5720	11.0
11ac (VHT40)	CH102	5510	11.0
11ac (VHT40)	CH118	5590	11.0
11ac (VHT40)	CH134	5670	11.0
11ac (VHT40)	CH142	5710	11.0
11ac (VHT80)	CH106	5530	11.0
11ac (VHT80)	CH122	5610	11.0
11ac (VHT80)	CH138	5690	11.0

Band 3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH144	5720	11.0
11a	CH149	5745	11.0
11a	CH157	5785	11.0
11a	CH165	5825	11.0
11n (HT20)	CH144	5720	11.0
11n (HT20)	CH149	5745	11.0
11n (HT20)	CH157	5785	11.0
11n (HT20)	CH165	5825	11.0
11n (HT40)	CH142	5710	11.0
11n (HT40)	CH149	5755	11.0
11n (HT40)	CH157	5795	11.0
11ac (VHT20)	CH144	5720	11.0
11ac (VHT20)	CH149	5745	11.0
11ac (VHT20)	CH157	5785	11.0
11ac (VHT20)	CH165	5825	11.0
11ac (VHT40)	CH142	5710	11.0
11ac (VHT40)	CH149	5755	11.0
11ac (VHT40)	CH157	5795	11.0
11ac (VHT80)	CH138	5690	11.0
11ac (VHT80)	CH155	5775	11.0

Run Software

The screenshot displays the Qualcomm Radio Control Tool (QRCT) interface. The main window is titled "Qualcomm Radio Control Tool" and includes a menu bar (File, View, Settings, Help) and a toolbar. The "Target" is set to "MSM_MDM" and the "Library Mode" is "QPST". The "COM" port is "COM 61". The "Runtime Mode" is "Normal". The "Change Boot Mode" button is visible.

The left sidebar shows the "Un-named" project and the "Category" is set to "WLAN". The "Chipset" is "ALL_CHIPSETS". The "Commands, Logs and Custom APIs" section is expanded, showing "AUTO DETECT CHIP" and "MANUAL SELECT CHIP".

The main area is divided into two tabs: "TX SETUP" and "TX REPORT".

TX SETUP:

- RF Mode: PhyA_only
- Phy ID: PhyA
- Tx Mode: Cont. Tx TX99
- Channel: 5180
- Channel2: (empty)
- TX Power Control: TxPowerForce_CLPC
- TX Power(dBm): 17
- HT Mode: No_HT
- Data Rate: RATE_9Mbps
- Tx Pattern: ZEROS
- Short Guard: OFF

TX REPORT:

Property	Phy
Good Packets	—
ThermCal 1	—
ThermCal 2	—
RSSI	—
Throughput	—
Gain Index	—
DAC GAIN	—
PACFG	—
PDADC1	—
PDADC2	—

The "Activity" panel at the bottom shows a log of events:

Time	Category	Message
09:45:59.168	Info	MPSS.HI.1.0.c8-00675.3-SAIPAN_GEN_PACK-1.265964.17 is connected
09:45:59.174	Info	COM61: Connected
09:46:06.330	Info	QLIB_FTM_WLAN_TLV2_Create (200)
09:46:06.330	Info	QLIB_FTM_WLAN_TLV2_Complete-Success
09:46:06.330	Info	QLIB_FTM_WLAN_TLV2_GetRspParam(ver_info,Chip ID:0x320,Chip family:0x4001,Board I)
09:46:06.330	Info	WCN39XX load SUCCESS

The status bar at the bottom indicates: "COM 61: Connected", "MPSS.HI.1.0.c8-00675.3-SAIPAN_GEN_PACK-1.265964.17", "Connection Method: QMSL_INTERNAL", "Polling Status: Enabled", and "Mode: LPM".

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	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	134	5670		
100	5500	142	5710		
104	5520	151	5755		
108	5540	159	5795		
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 1 (5150 - 5250 MHz)			Band 2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

Band 2C (5470 - 5725 MHz)			Band 3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	165	High	5825

For 802.11n(HT40)/ac(VHT40)

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

Band 2C (5150 - 5250 MHz)			Band 3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

For 802.11ac(VHT80)

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

Band 2C (5470 - 5725 MHz)			Band 3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	138	--	5690
122	High	5610	155	Mid	5775
138	--	5690			

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 1	Band 2A	Band 2C	Band 3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149 /144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149 /144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149 /144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142

	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149 /144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

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 D02v01r4	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)	3.87 V
	LV (Low Voltage)	3.6 V
	HV (High Voltage)	4.45 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2020.06.08	2021.06.07
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2020.06.08	2021.06.07
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2020.06.09	2021.06.08
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2020.06.09	2021.06.08
LISN	SCHWARZBECK	NSLK 8127	8127-687	2020.06.09	2021.06.08
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2020.06.08	2021.06.07
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2020.06.08	2021.06.07
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2020.06.08	2021.06.07
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
Temperature Chamber	AHK	SP20	1412	2020.06.10	2021.06.09
Test Antenna- Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2019.10.29	2021.10.28
Test Antenna- Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2019.07.02	2021.07.01
Test Antenna- Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1917	2019.07.02	2021.07.01
Test Antenna- Horn (18-40 GHz)	A-INFO	LB-180400 KF	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

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Directional Coupler	Werlantone	CHP-273E	S00801z-01	N/A	N/A
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

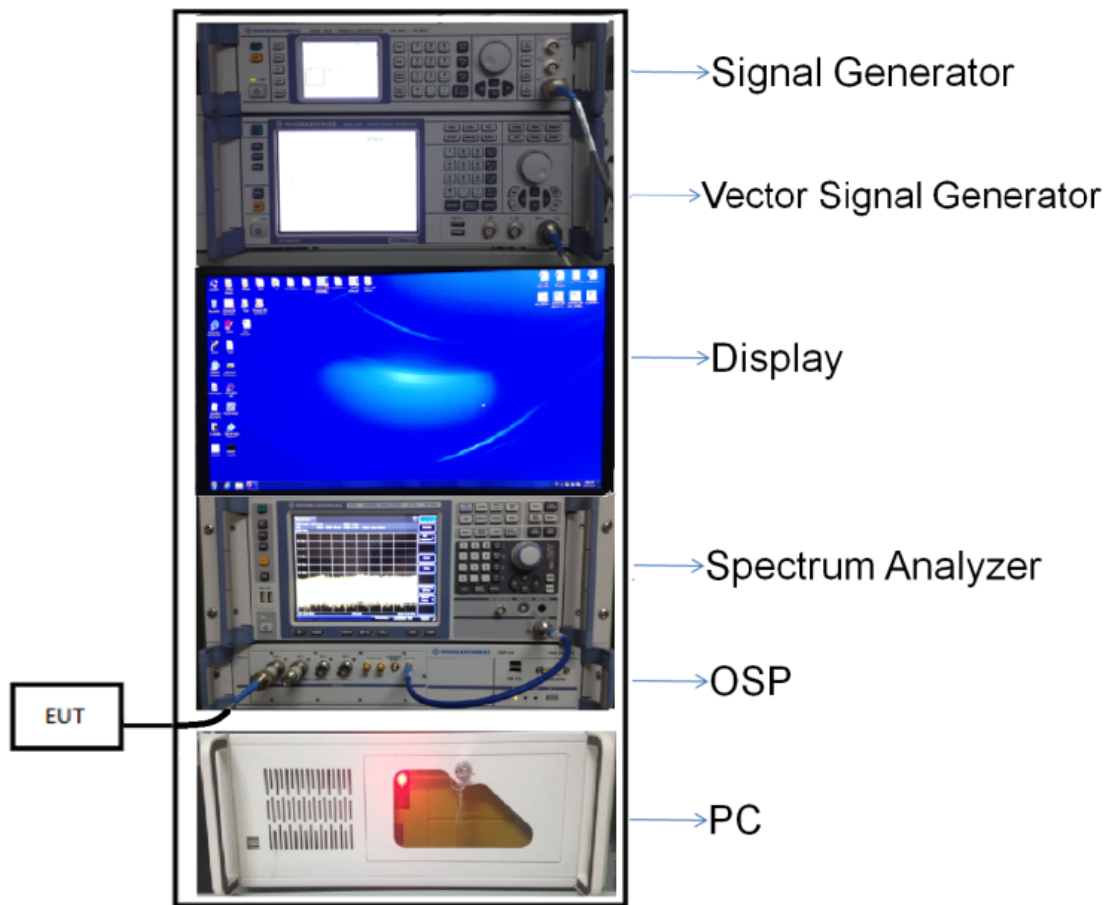
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

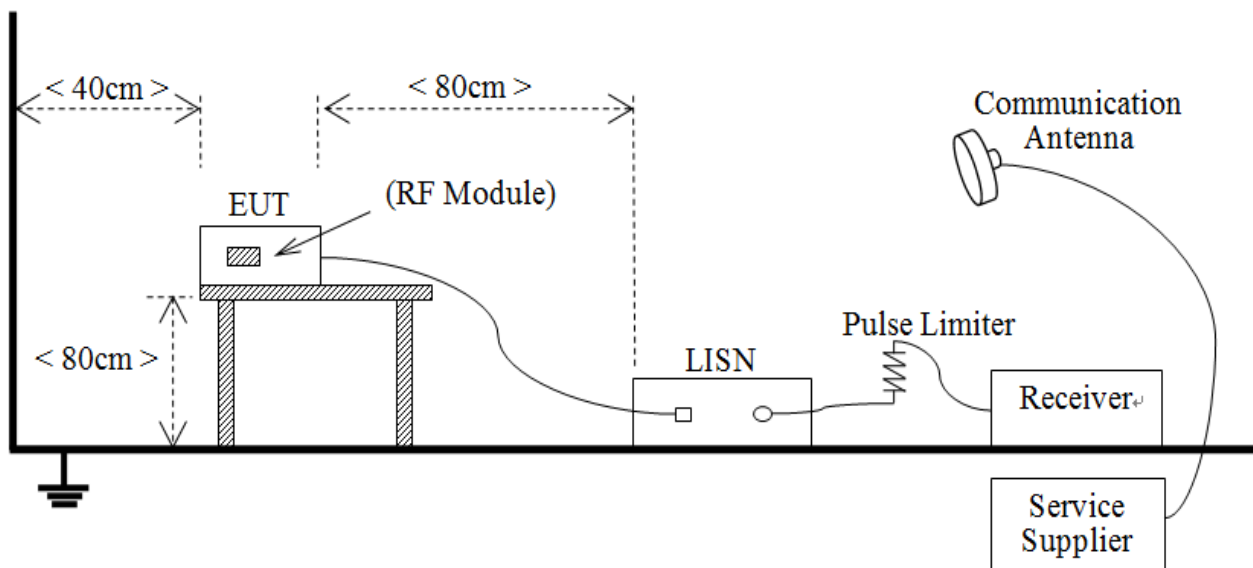
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



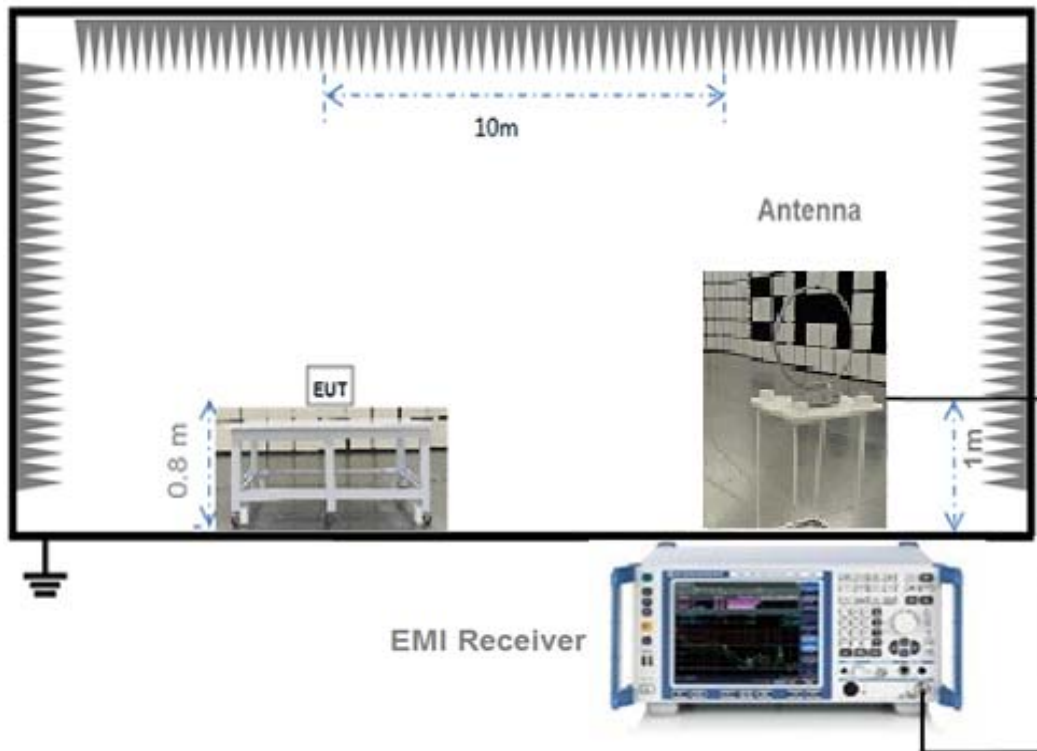
(Diagram 1)

4.4.2 For AC Power Supply Port Test



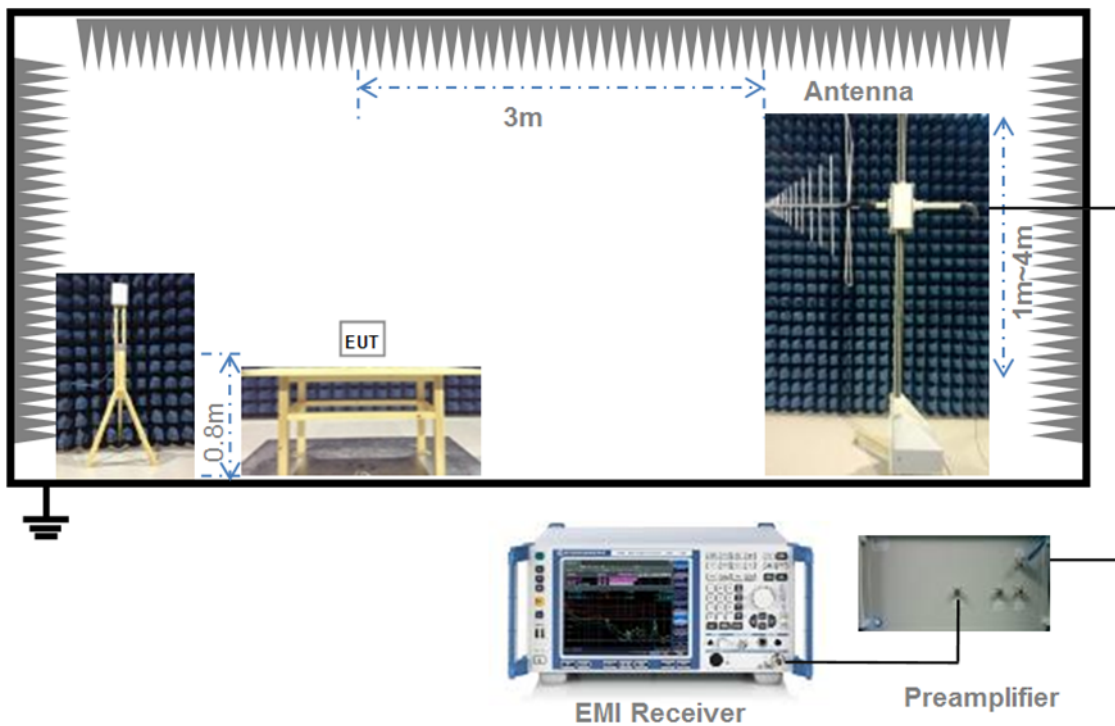
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



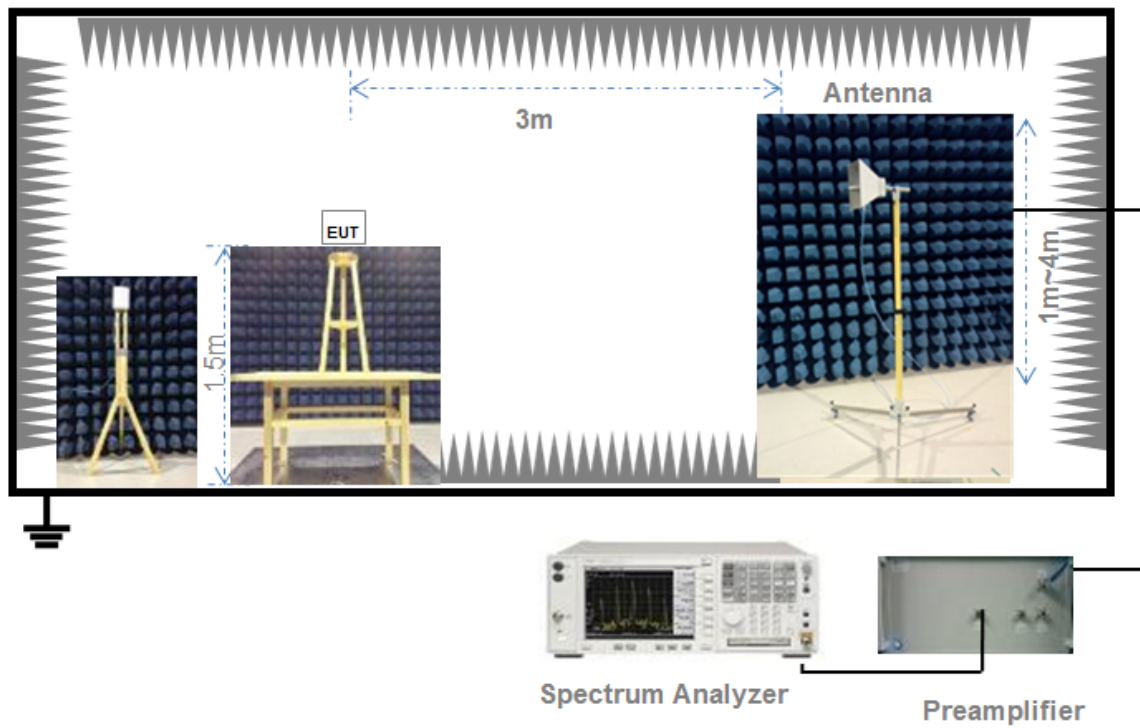
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

Occupied Bandwidth

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

6 dB bandwidth

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the 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)

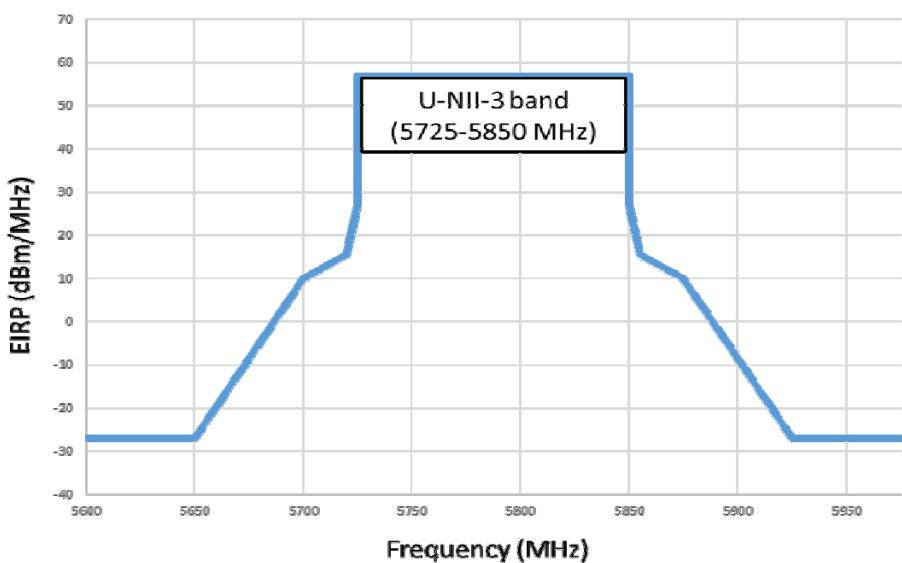
5.5.1 Limit

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. 

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 1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	16.81	47.97	250	Pass
11a	CH44	16.86	48.53	250	Pass
11a	CH48	16.94	49.43	250	Pass
11n (HT20)	CH36	16.90	48.98	250	Pass
11n (HT20)	CH44	16.97	49.77	250	Pass
11n (HT20)	CH48	17.02	50.35	250	Pass
11n (HT40)	CH38	12.68	18.54	250	Pass
11n (HT40)	CH46	12.78	18.97	250	Pass
11ac (VHT20)	CH36	17.95	62.37	250	Pass
11ac (VHT20)	CH44	17.90	61.66	250	Pass
11ac (VHT20)	CH48	17.92	61.94	250	Pass
11ac (VHT40)	CH38	13.13	20.56	250	Pass
11ac (VHT40)	CH46	13.16	20.70	250	Pass
11ac (VHT80)	CH42	12.58	18.11	250	Pass

Band 2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	17.26	53.21	250	Pass
11a	CH60	17.66	58.34	250	Pass
11a	CH64	17.93	62.09	250	Pass
11n (HT20)	CH52	17.29	53.58	250	Pass
11n (HT20)	CH60	17.76	59.70	250	Pass
11n (HT20)	CH64	18.03	63.53	250	Pass
11n (HT40)	CH54	12.86	19.32	250	Pass
11n (HT40)	CH62	13.11	20.46	250	Pass
11ac (VHT20)	CH52	18.00	63.10	250	Pass
11ac (VHT20)	CH60	18.59	72.28	250	Pass
11ac (VHT20)	CH64	18.91	77.80	250	Pass
11ac (VHT40)	CH54	13.77	23.82	250	Pass
11ac (VHT40)	CH62	14.15	26.00	250	Pass
11ac (VHT80)	CH58	12.85	19.28	250	Pass

Band 2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	12.32	17.06	250	Pass
11a	CH116	12.90	19.50	250	Pass
11a	CH140	12.95	19.72	250	Pass
11a	CH144	12.93	19.63	250	Pass
11n (HT20)	CH100	12.40	17.38	250	Pass
11n (HT20)	CH116	12.96	19.77	250	Pass
11n (HT20)	CH140	13.03	20.09	250	Pass
11n (HT20)	CH144	12.89	19.45	250	Pass
11n (HT40)	CH102	12.73	18.75	250	Pass
11n (HT40)	CH118	13.25	21.13	250	Pass
11n (HT40)	CH134	13.34	21.58	250	Pass
11n (HT40)	CH142	13.12	20.51	250	Pass
11ac (VHT20)	CH100	12.03	15.96	250	Pass
11ac (VHT20)	CH116	12.68	18.54	250	Pass
11ac (VHT20)	CH140	12.90	19.50	250	Pass
11ac (VHT20)	CH144	12.75	18.84	250	Pass
11ac (VHT40)	CH102	12.48	17.70	250	Pass
11ac (VHT40)	CH118	13.03	20.09	250	Pass
11ac (VHT40)	CH134	13.24	21.09	250	Pass
11ac (VHT40)	CH142	13.21	20.94	250	Pass
11ac (VHT80)	CH106	12.55	17.99	250	Pass
11ac (VHT80)	CH122	13.37	21.73	250	Pass
11ac (VHT80)	CH138	13.30	21.38	250	Pass

Band 3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	12.93	19.63	1000	Pass
11a	CH149	12.80	19.05	1000	Pass
11a	CH157	12.49	17.74	1000	Pass
11a	CH165	12.78	18.97	1000	Pass
11n (HT20)	CH144	12.89	19.45	1000	Pass
11n (HT20)	CH149	12.66	18.45	1000	Pass
11n (HT20)	CH157	12.33	17.10	1000	Pass
11n (HT20)	CH165	12.78	18.97	1000	Pass
11n (HT40)	CH142	13.12	20.51	1000	Pass
11n (HT40)	CH151	12.79	19.01	1000	Pass
11n (HT40)	CH159	12.87	19.36	1000	Pass
11ac (VHT20)	CH144	12.75	18.84	1000	Pass
11ac (VHT20)	CH149	12.65	18.41	1000	Pass
11ac (VHT20)	CH157	12.37	17.26	1000	Pass
11ac (VHT20)	CH165	12.82	19.14	1000	Pass
11ac (VHT40)	CH142	13.21	20.94	1000	Pass
11ac (VHT40)	CH151	13.01	20.00	1000	Pass
11ac (VHT40)	CH159	12.85	19.28	1000	Pass
11ac (VHT80)	CH138	13.30	21.38	1000	Pass
11ac (VHT80)	CH155	12.59	18.16	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2090180-604 Data Part 1.pdf”.

Test Data

Band 1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	22.60	16.67
11a	CH44	21.88	16.67
11a	CH48	22.56	16.67
11n (HT20)	CH36	23.00	17.77
11n (HT20)	CH44	22.68	17.77
11n (HT20)	CH48	22.80	17.77
11n (HT40)	CH38	41.70	36.35
11n (HT40)	CH46	41.70	36.47
11ac (VHT20)	CH36	22.80	17.77
11ac (VHT20)	CH44	22.84	17.77
11ac (HVT20)	CH48	23.04	17.77
11ac (VHT40)	CH38	41.70	36.35
11ac (VHT40)	CH46	42.10	36.47
11ac (VHT80)	CH42	84.00	75.72

Band 2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.40	16.61
11a	CH60	22.60	16.67
11a	CH64	22.96	16.67
11n (HT20)	CH52	22.60	17.77
11n (HT20)	CH60	22.80	17.77
11n (HT20)	CH64	23.12	17.83
11n (HT40)	CH54	41.70	36.35
11n (HT40)	CH62	41.80	36.47
11ac (VHT20)	CH52	23.04	17.77
11ac (VHT20)	CH60	22.76	17.77
11ac (VHT20)	CH64	23.08	17.83
11ac (VHT40)	CH54	41.60	36.35
11ac (VHT40)	CH62	41.70	36.47
11ac (VHT80)	CH58	83.80	75.72

Band 2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	22.20	16.67
11a	CH116	22.52	16.67
11a	CH140	22.48	16.67
11a	CH144	22.56	16.73
11n (HT20)	CH100	22.68	17.77
11n (HT20)	CH116	23.20	17.83
11n (HT20)	CH140	23.28	17.77
11n (HT20)	CH144	22.80	17.83
11n (HT40)	CH102	41.80	36.35
11n (HT40)	CH118	42.10	36.35
11n (HT40)	CH134	42.20	36.47
11n (HT40)	CH142	42.10	36.58
11ac (VHT20)	CH100	22.84	17.77
11ac (VHT20)	CH116	22.60	17.77
11ac (VHT20)	CH140	23.08	17.83
11ac (VHT20)	CH144	23.28	17.77
11ac (VHT40)	CH102	41.60	36.35
11ac (VHT40)	CH118	41.80	36.35
11ac (VHT40)	CH134	42.20	36.47
11ac (VHT40)	CH142	41.80	36.58
11ac (VHT80)	CH106	84.20	75.95
11ac (VHT80)	CH122	84.00	75.95
11ac (VHT80)	CH138	84.80	75.95

Band 3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	22.56	16.73
11a	CH149	22.12	16.61
11a	CH157	22.48	16.67
11a	CH165	22.12	16.67
11n (HT20)	CH144	22.80	17.83
11n (HT20)	CH149	22.52	17.77
11n (HT20)	CH157	23.12	17.83
11n (HT20)	CH165	22.52	17.71
11n (HT40)	CH142	42.10	36.58
11n (HT40)	CH151	42.00	36.35
11n (HT40)	CH159	42.10	36.47
11ac (VHT20)	CH144	23.28	17.77
11ac (VHT20)	CH149	22.80	17.77
11ac (VHT20)	CH157	23.12	17.83
11ac (VHT20)	CH165	22.72	17.77
11ac (VHT40)	CH142	41.80	36.58
11ac (VHT40)	CH151	41.70	36.35
11ac (VHT40)	CH159	41.60	36.47
11ac (VHT80)	CH138	84.80	75.95
11ac (VHT80)	CH155	85.20	76.18

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2090180-604 Data Part 2.pdf".

Test Data

Band 3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.42	500.00	Pass
11a	CH157	16.42	500.00	Pass
11a	CH165	15.62	500.00	Pass
11n (HT20)	CH149	15.77	500.00	Pass
11n (HT20)	CH157	15.82	500.00	Pass
11n (HT20)	CH165	15.22	500.00	Pass
11n (HT40)	CH151	35.82	500.00	Pass
11n (HT40)	CH159	35.82	500.00	Pass
11ac (VHT20)	CH149	15.42	500.00	Pass
11ac (VHT20)	CH157	16.62	500.00	Pass
11ac (VHT20)	CH165	15.22	500.00	Pass
11ac (VHT40)	CH151	35.52	500.00	Pass
11ac (VHT40)	CH159	35.82	500.00	Pass
11ac (VHT80)	CH155	75.47	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ2090180-604 Data Part 3.pdf".

Test Data

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

Band 1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	6.01	11.00	Pass
11a	CH44	5.24	11.00	Pass
11a	CH48	5.72	11.00	Pass
11n (HT20)	CH36	5.40	11.00	Pass
11n (HT20)	CH44	4.87	11.00	Pass
11n (HT20)	CH48	5.24	11.00	Pass
11n (HT40)	CH38	-2.28	11.00	Pass
11n (HT40)	CH46	-2.48	11.00	Pass
11ac (VHT20)	CH36	6.67	11.00	Pass
11ac (VHT20)	CH44	6.26	11.00	Pass
11ac (VHT20)	CH48	5.77	11.00	Pass
11ac (VHT40)	CH38	-1.09	11.00	Pass
11ac (VHT40)	CH46	-1.61	11.00	Pass
11ac (VHT80)	CH42	-6.61	11.00	Pass

Band 2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	6.10	11.00	Pass
11a	CH60	5.87	11.00	Pass
11a	CH64	6.63	11.00	Pass
11n (HT20)	CH52	5.62	11.00	Pass
11n (HT20)	CH60	5.39	11.00	Pass
11n (HT20)	CH64	6.27	11.00	Pass
11n (HT40)	CH54	-1.76	11.00	Pass
11n (HT40)	CH62	-1.65	11.00	Pass
11ac (VHT20)	CH52	6.30	11.00	Pass
11ac (VHT20)	CH60	6.89	11.00	Pass
11ac (VHT20)	CH64	6.87	11.00	Pass
11ac (VHT40)	CH54	-0.73	11.00	Pass
11ac (VHT40)	CH62	-0.71	11.00	Pass
11ac (VHT80)	CH58	-6.00	11.00	Pass

Band 2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	1.59	11.00	Pass
11a	CH116	1.94	11.00	Pass
11a	CH140	1.97	11.00	Pass
11a	CH144	1.59	11.00	Pass
11n (HT20)	CH100	1.05	11.00	Pass
11n (HT20)	CH116	1.54	11.00	Pass
11n (HT20)	CH140	1.58	11.00	Pass
11n (HT20)	CH144	0.86	11.00	Pass
11n (HT40)	CH102	-1.49	11.00	Pass
11n (HT40)	CH118	-0.88	11.00	Pass
11n (HT40)	CH134	-0.62	11.00	Pass
11n (HT40)	CH142	-1.77	11.00	Pass
11ac (VHT20)	CH100	1.20	11.00	Pass
11ac (VHT20)	CH116	1.55	11.00	Pass
11ac (VHT20)	CH140	1.55	11.00	Pass
11ac (VHT20)	CH144	0.94	11.00	Pass
11ac (VHT40)	CH102	-1.43	11.00	Pass
11ac (VHT40)	CH118	-1.08	11.00	Pass
11ac (VHT40)	CH134	-0.44	11.00	Pass
11ac (VHT40)	CH142	-1.81	11.00	Pass
11ac (VHT80)	CH106	-5.69	11.00	Pass
11ac (VHT80)	CH122	-4.72	11.00	Pass
11ac (VHT80)	CH138	-4.51	11.00	Pass

Band 3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	-1.63	30.00	Pass
11a	CH149	-0.98	30.00	Pass
11a	CH157	-2.30	30.00	Pass
11a	CH165	-1.22	30.00	Pass
11n (HT20)	CH144	-2.11	30.00	Pass
11n (HT20)	CH149	-1.44	30.00	Pass
11n (HT20)	CH157	-2.76	30.00	Pass
11n (HT20)	CH165	-1.58	30.00	Pass
11n (HT40)	CH142	-4.68	30.00	Pass
11n (HT40)	CH151	-4.70	30.00	Pass
11n (HT40)	CH159	-5.38	30.00	Pass
11ac (VHT20)	CH144	-2.19	30.00	Pass
11ac (VHT20)	CH149	-1.42	30.00	Pass
11ac (VHT20)	CH157	-2.87	30.00	Pass
11ac (HVT20)	CH165	-1.66	30.00	Pass
11ac (VHT40)	CH142	-4.48	30.00	Pass
11ac (VHT40)	CH151	-4.53	30.00	Pass
11ac (VHT40)	CH159	-5.29	30.00	Pass
11ac (VHT80)	CH138	-8.23	30.00	Pass
11ac (VHT80)	CH155	-8.47	30.00	Pass

A.5 Conducted Emissions

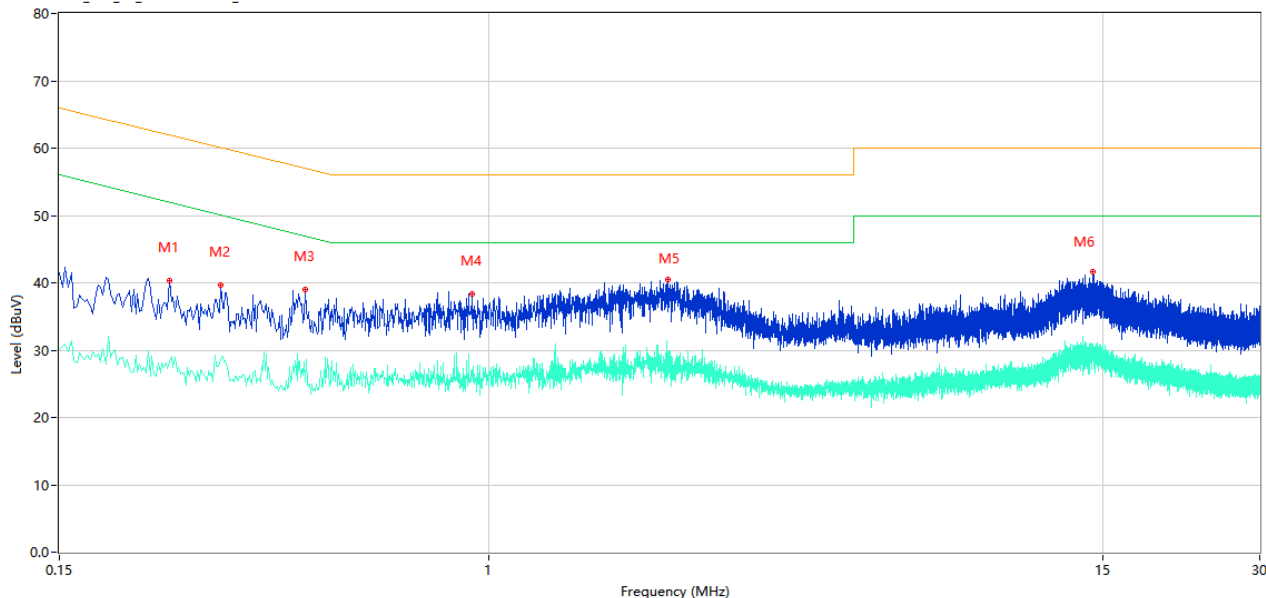
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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

Test Data and Plots

PHASE L

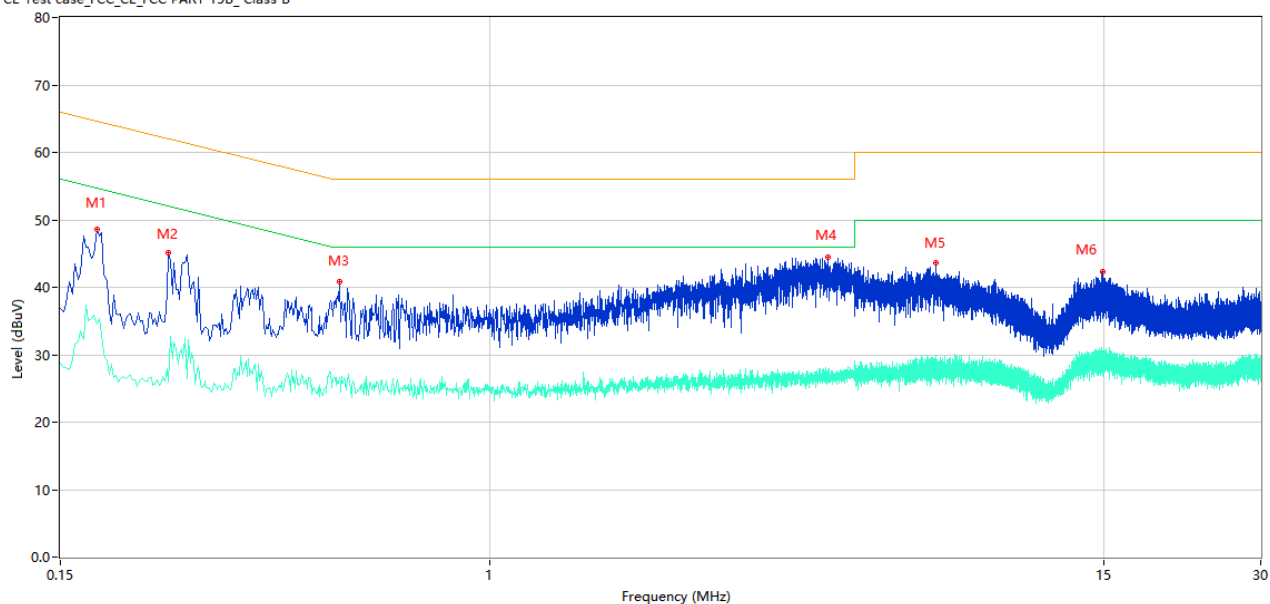
CE Test case_FCC_CE_FCC PART 15B_Class B



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.244	40.41	10.34	61.96	-21.55	Peak	L	Pass
1**	0.244	28.23	10.34	51.96	-23.73	AV	L	Pass
2	0.306	39.65	10.33	60.08	-20.43	Peak	L	Pass
2**	0.306	28.73	10.33	50.08	-21.35	AV	L	Pass
3	0.444	39.00	10.30	56.99	-17.99	Peak	L	Pass
3**	0.444	25.28	10.30	46.99	-21.71	AV	L	Pass
4	0.928	38.30	10.24	56.00	-17.70	Peak	L	Pass
4**	0.928	27.08	10.24	46.00	-18.92	AV	L	Pass
5	2.196	40.46	10.26	56.00	-15.54	Peak	L	Pass
5**	2.196	28.36	10.26	46.00	-17.64	AV	L	Pass
6	14.336	41.66	10.40	60.00	-18.34	Peak	L	Pass
6**	14.336	29.74	10.40	50.00	-20.26	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	0.176	48.56	10.39	64.67	-16.11	Peak	N	Pass
1**	0.176	34.60	10.39	54.67	-20.07	AV	N	Pass
2	0.242	45.11	10.34	62.03	-16.92	Peak	N	Pass
2**	0.242	25.90	10.34	52.03	-26.13	AV	N	Pass
3	0.514	40.76	10.30	56.00	-15.24	Peak	N	Pass
3**	0.514	26.58	10.30	46.00	-19.42	AV	N	Pass
4	4.436	44.44	10.31	56.00	-11.56	Peak	N	Pass
4**	4.436	27.76	10.31	46.00	-18.24	AV	N	Pass
5	7.146	43.67	10.34	60.00	-16.33	Peak	N	Pass
5**	7.146	26.13	10.34	50.00	-23.87	AV	N	Pass
6	14.942	42.37	10.41	60.00	-17.63	Peak	N	Pass
6**	14.942	29.26	10.41	50.00	-20.74	AV	N	Pass

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

Test Data

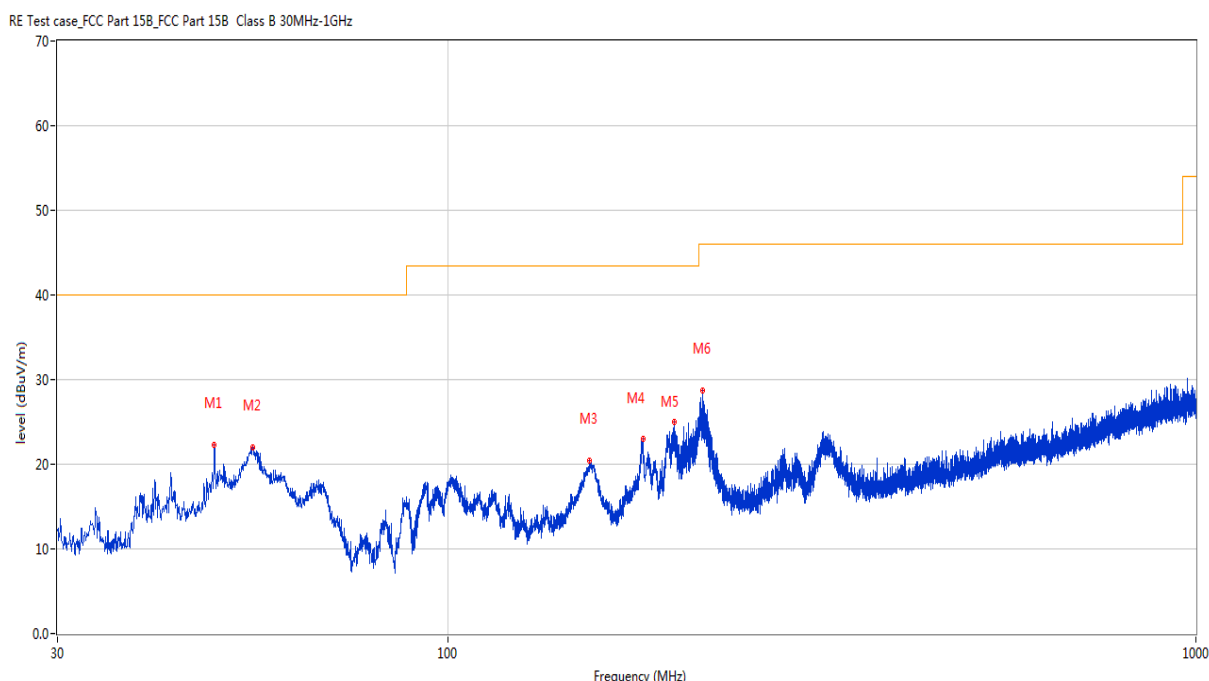
Note¹: The symbol of “--” in the table which means not application.

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.

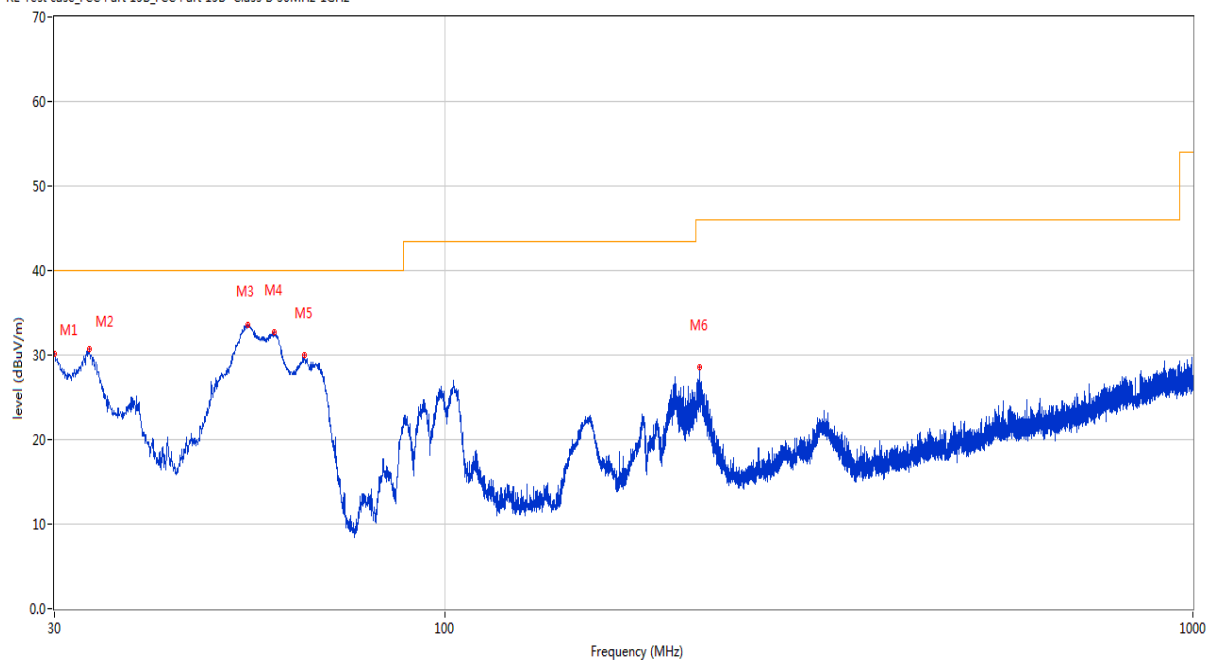
30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.624	22.33	-22.51	40.0	-17.67	Peak	238.20	100	Horizontal	Pass
2	54.687	22.03	-23.14	40.0	-17.97	Peak	131.90	200	Horizontal	Pass
3	154.354	20.36	-27.42	43.5	-23.14	Peak	344.40	200	Horizontal	Pass
4	182.048	22.95	-25.59	43.5	-20.55	Peak	101.80	200	Horizontal	Pass
5	200.623	25.07	-24.01	43.5	-18.43	Peak	300.90	200	Horizontal	Pass
6	218.665	28.70	-24.14	46.0	-17.30	Peak	297.30	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.000	30.14	-25.94	40.0	-9.86	Peak	0.60	100	Vertical	Pass
2	33.395	30.68	-26.23	40.0	-9.32	Peak	4.50	100	Vertical	Pass
3	54.395	33.63	-23.07	40.0	-6.37	Peak	260.30	100	Vertical	Pass
4	58.955	32.66	-24.03	40.0	-7.34	Peak	264.50	100	Vertical	Pass
5	64.774	30.02	-25.01	40.0	-9.98	Peak	1.20	100	Vertical	Pass
6	218.616	28.60	-24.14	46.0	-17.40	Peak	46.60	100	Vertical	Pass

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

11a, Band 1, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.500	39.59	-17.77	74.0	-34.41	Peak	261.00	150	Horizontal	Pass
1**	1327.500	29.02	-17.77	54.0	-24.98	AV	261.00	150	Horizontal	Pass
2	2769.700	43.20	-11.52	74.0	-30.80	Peak	295.00	150	Horizontal	Pass
2**	2769.700	34.39	-11.52	54.0	-19.61	AV	295.00	150	Horizontal	Pass
3	4152.800	47.32	-5.85	74.0	-26.68	Peak	80.00	150	Horizontal	Pass
3**	4152.800	38.20	-5.85	54.0	-15.80	AV	80.00	150	Horizontal	Pass
4	5176.400	107.00	-4.01	--	--	Peak	360.00	150	Horizontal	N/A
4**	5176.400	100.55	-4.01	--	--	AV	360.00	150	Horizontal	N/A
5	8296.050	48.43	-4.41	74.0	-25.57	Peak	154.00	150	Horizontal	Pass
5**	8296.050	38.36	-4.41	54.0	-15.64	AV	154.00	150	Horizontal	Pass
6	12264.700	51.57	0.05	74.0	-22.43	Peak	216.00	150	Horizontal	Pass
6**	12264.700	42.32	0.05	54.0	-11.68	AV	216.00	150	Horizontal	Pass

11a, Band 1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.600	39.94	-18.70	74.0	-34.06	Peak	302.00	150	Vertical	Pass
1**	1062.600	28.33	-18.70	54.0	-25.67	AV	302.00	150	Vertical	Pass
2	1327.200	40.10	-17.77	74.0	-33.90	Peak	135.00	150	Vertical	Pass
2**	1327.200	29.08	-17.77	54.0	-24.92	AV	135.00	150	Vertical	Pass
3	4066.200	47.90	-5.57	74.0	-26.10	Peak	59.00	150	Vertical	Pass
3**	4066.200	37.38	-5.57	54.0	-16.62	AV	59.00	150	Vertical	Pass
4	5178.600	98.48	-3.95	--	--	Peak	113.00	150	Vertical	N/A
4**	5178.600	90.61	-3.95	--	--	AV	113.00	150	Vertical	N/A
5	8180.475	48.09	-3.59	74.0	-25.91	Peak	0.00	150	Vertical	Pass
5**	8180.475	38.87	-3.59	54.0	-15.13	AV	0.00	150	Vertical	Pass
6	12011.987	50.92	-1.23	74.0	-23.08	Peak	151.00	150	Vertical	Pass
6**	12011.987	41.28	-1.23	54.0	-12.72	AV	151.00	150	Vertical	Pass

11a, Band 1, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1049.500	34.38	-18.64	74.0	-39.62	Peak	30.00	150	Horizontal	Pass
1**	1049.500	43.48	-18.64	54.0	-10.52	AV	30.00	150	Horizontal	Pass
2	2818.600	42.98	-11.70	74.0	-31.02	Peak	48.00	150	Horizontal	Pass
2**	2818.600	34.95	-11.70	54.0	-19.05	AV	48.00	150	Horizontal	Pass
3	4080.600	47.07	-5.13	74.0	-26.93	Peak	83.00	150	Horizontal	Pass
3**	4080.600	38.77	-5.13	54.0	-15.23	AV	83.00	150	Horizontal	Pass
4	5221.400	107.42	-4.10	--	--	Peak	347.00	150	Horizontal	N/A
4**	5221.400	100.67	-4.10	--	--	AV	347.00	150	Horizontal	N/A
5	7333.500	49.03	-4.80	74.0	-24.97	Peak	306.00	150	Horizontal	Pass
5**	7333.500	39.26	-4.80	54.0	-14.74	AV	306.00	150	Horizontal	Pass
6	12270.737	51.58	0.07	74.0	-22.42	Peak	360.00	150	Horizontal	Pass
6**	12270.737	42.98	0.07	54.0	-11.02	AV	360.00	150	Horizontal	Pass

11a, Band 1, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.800	38.78	-18.78	74.0	-35.22	Peak	308.00	150	Vertical	Pass
1**	1061.800	27.27	-18.78	54.0	-26.73	AV	308.00	150	Vertical	Pass
2	2767.100	42.76	-11.55	74.0	-31.24	Peak	328.00	150	Vertical	Pass
2**	2767.100	34.11	-11.55	54.0	-19.89	AV	328.00	150	Vertical	Pass
3	4050.200	46.70	-5.46	74.0	-27.30	Peak	266.00	150	Vertical	Pass
3**	4050.200	37.74	-5.46	54.0	-16.26	AV	266.00	150	Vertical	Pass
4	5223.400	98.08	-4.18	--	--	Peak	113.00	150	Vertical	N/A
4**	5223.400	90.52	-4.18	--	--	AV	113.00	150	Vertical	N/A
5	7496.225	48.20	-4.33	74.0	-25.80	Peak	16.00	150	Vertical	Pass
5**	7496.225	39.15	-4.33	54.0	-14.85	AV	16.00	150	Vertical	Pass
6	12073.513	51.61	-1.38	74.0	-22.39	Peak	240.00	150	Vertical	Pass
6**	12073.513	41.82	-1.38	54.0	-12.18	AV	240.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1474.000	38.64	-17.92	74.0	-35.36	Peak	247.00	150	Horizontal	Pass
1**	1474.000	28.69	-17.92	54.0	-25.31	AV	247.00	150	Horizontal	Pass
2	2786.900	42.75	-11.14	74.0	-31.25	Peak	46.00	150	Horizontal	Pass
2**	2786.900	34.12	-11.14	54.0	-19.88	AV	46.00	150	Horizontal	Pass
3	4198.800	48.57	-6.01	74.0	-25.43	Peak	68.00	150	Horizontal	Pass
3**	4198.800	37.56	-6.01	54.0	-16.44	AV	68.00	150	Horizontal	Pass
4	5238.800	108.52	-4.27	--	--	Peak	0.00	150	Horizontal	N/A
4**	5238.800	100.84	-4.27	--	--	AV	0.00	150	Horizontal	N/A
5	7531.013	48.35	-4.24	74.0	-25.65	Peak	245.00	150	Horizontal	Pass
5**	7531.013	39.19	-4.24	54.0	-14.81	AV	245.00	150	Horizontal	Pass
6	12018.025	51.50	-1.19	74.0	-22.50	Peak	300.00	150	Horizontal	Pass
6**	12018.025	41.64	-1.19	54.0	-12.36	AV	300.00	150	Horizontal	Pass

11a, Band 1, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	41.84	-17.87	74.0	-32.16	Peak	133.00	150	Vertical	Pass
1**	1330.600	30.45	-17.87	54.0	-23.55	AV	133.00	150	Vertical	Pass
2	2796.100	43.08	-11.36	74.0	-30.92	Peak	254.00	150	Vertical	Pass
2**	2796.100	33.72	-11.36	54.0	-20.28	AV	254.00	150	Vertical	Pass
3	4034.000	47.35	-5.86	74.0	-26.65	Peak	233.00	150	Vertical	Pass
3**	4034.000	37.59	-5.86	54.0	-16.41	AV	233.00	150	Vertical	Pass
4	5240.800	96.31	-4.18	--	--	Peak	257.00	150	Vertical	N/A
4**	5240.800	88.53	-4.18	--	--	AV	257.00	150	Vertical	N/A
5	7398.188	48.39	-4.21	74.0	-25.61	Peak	0.00	150	Vertical	Pass
5**	7398.188	38.39	-4.21	54.0	-15.61	AV	0.00	150	Vertical	Pass
6	11663.825	51.11	-0.56	74.0	-22.89	Peak	360.00	150	Vertical	Pass
6**	11663.825	41.85	-0.56	54.0	-12.15	AV	360.00	150	Vertical	Pass

11n20, Band 1, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1419.300	38.94	-17.84	74.0	-35.06	Peak	259.00	150	Horizontal	Pass
1**	1419.300	28.21	-17.84	54.0	-25.79	AV	259.00	150	Horizontal	Pass
2	2807.100	42.76	-11.54	74.0	-31.24	Peak	209.00	150	Horizontal	Pass
2**	2807.100	33.82	-11.54	54.0	-20.18	AV	209.00	150	Horizontal	Pass
3	4103.600	47.30	-6.06	74.0	-26.70	Peak	300.00	150	Horizontal	Pass
3**	4103.600	37.47	-6.06	54.0	-16.53	AV	300.00	150	Horizontal	Pass
4	5181.400	107.61	-3.93	--	--	Peak	10.00	150	Horizontal	N/A
4**	5181.400	99.56	-3.93	--	--	AV	10.00	150	Horizontal	N/A
5	7425.787	48.06	-4.07	74.0	-25.94	Peak	360.00	150	Horizontal	Pass
5**	7425.787	39.22	-4.07	54.0	-14.78	AV	360.00	150	Horizontal	Pass
6	11622.425	51.41	-0.19	74.0	-22.59	Peak	320.00	150	Horizontal	Pass
6**	11622.425	41.62	-0.19	54.0	-12.38	AV	320.00	150	Horizontal	Pass

11n20, Band 1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.100	39.54	-18.76	74.0	-34.46	Peak	309.00	150	Vertical	Pass
1**	1064.100	28.85	-18.76	54.0	-25.15	AV	309.00	150	Vertical	Pass
2	1332.900	39.72	-17.96	74.0	-34.28	Peak	127.00	150	Vertical	Pass
2**	1332.900	28.67	-17.96	54.0	-25.33	AV	127.00	150	Vertical	Pass
3	4071.800	47.58	-5.54	74.0	-26.42	Peak	281.00	150	Vertical	Pass
3**	4071.800	37.63	-5.54	54.0	-16.37	AV	281.00	150	Vertical	Pass
4	5180.800	98.51	-3.94	--	--	Peak	257.00	150	Vertical	N/A
4**	5180.800	90.77	-3.94	--	--	AV	257.00	150	Vertical	N/A
5	7436.425	48.78	-4.35	74.0	-25.22	Peak	31.00	150	Vertical	Pass
5**	7436.425	39.14	-4.35	54.0	-14.86	AV	31.00	150	Vertical	Pass
6	12168.388	51.56	-0.93	74.0	-22.44	Peak	276.00	150	Vertical	Pass
6**	12168.388	41.87	-0.93	54.0	-12.13	AV	276.00	150	Vertical	Pass

11n20, Band 1, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.000	38.37	-17.80	74.0	-35.63	Peak	189.00	150	Horizontal	Pass
1**	1329.000	28.81	-17.80	54.0	-25.19	AV	189.00	150	Horizontal	Pass
2	2865.000	43.17	-11.36	74.0	-30.83	Peak	244.00	150	Horizontal	Pass
2**	2865.000	34.34	-11.36	54.0	-19.66	AV	244.00	150	Horizontal	Pass
3	4048.200	47.25	-5.60	74.0	-26.75	Peak	130.00	150	Horizontal	Pass
3**	4048.200	37.79	-5.60	54.0	-16.21	AV	130.00	150	Horizontal	Pass
4	5221.800	108.11	-4.11	--	--	Peak	0.00	150	Horizontal	N/A
4**	5221.800	100.85	-4.11	--	--	AV	0.00	150	Horizontal	N/A
5	7444.763	49.16	-4.44	74.0	-24.84	Peak	360.00	150	Horizontal	Pass
5**	7444.763	39.63	-4.44	54.0	-14.37	AV	360.00	150	Horizontal	Pass
6	12266.138	51.42	0.05	74.0	-22.58	Peak	290.00	150	Horizontal	Pass
6**	12266.138	42.25	0.05	54.0	-11.75	AV	290.00	150	Horizontal	Pass

11n20, Band 1, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.600	38.64	-18.80	74.0	-35.36	Peak	298.00	150	Vertical	Pass
1**	1065.600	31.35	-18.80	54.0	-22.65	AV	298.00	150	Vertical	Pass
2	1332.600	39.80	-17.96	74.0	-34.20	Peak	127.00	150	Vertical	Pass
2**	1332.600	30.39	-17.96	54.0	-23.61	AV	127.00	150	Vertical	Pass
3	4100.200	47.61	-5.96	74.0	-26.39	Peak	309.00	150	Vertical	Pass
3**	4100.200	38.08	-5.96	54.0	-15.92	AV	309.00	150	Vertical	Pass
4	5221.000	97.71	-4.09	--	--	Peak	109.00	150	Vertical	N/A
4**	5221.000	91.53	-4.09	--	--	AV	109.00	150	Vertical	N/A
5	7424.062	48.40	-4.08	74.0	-25.60	Peak	15.00	150	Vertical	Pass
5**	7424.062	39.43	-4.08	54.0	-14.57	AV	15.00	150	Vertical	Pass
6	12114.625	51.51	-0.76	74.0	-22.49	Peak	145.00	150	Vertical	Pass
6**	12114.625	42.13	-0.76	54.0	-11.87	AV	145.00	150	Vertical	Pass

11n20, Band 1, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1208.100	38.04	-18.12	74.0	-35.96	Peak	73.00	150	Horizontal	Pass
1**	1208.100	28.93	-18.12	54.0	-25.07	AV	73.00	150	Horizontal	Pass
2	2790.800	42.76	-11.10	74.0	-31.24	Peak	83.00	150	Horizontal	Pass
2**	2790.800	33.08	-11.10	54.0	-20.92	AV	83.00	150	Horizontal	Pass
3	4811.600	51.16	-3.77	74.0	-22.84	Peak	181.00	150	Horizontal	Pass
3**	4811.600	41.25	-3.77	54.0	-12.75	AV	181.00	150	Horizontal	Pass
4	5238.600	108.34	-4.29	--	--	Peak	351.00	150	Horizontal	N/A
4**	5238.600	100.11	-4.29	--	--	AV	351.00	150	Horizontal	N/A
5	7441.888	48.66	-4.25	74.0	-25.34	Peak	124.00	150	Horizontal	Pass
5**	7441.888	38.96	-4.25	54.0	-15.04	AV	124.00	150	Horizontal	Pass
6	11583.325	51.34	-0.01	74.0	-22.66	Peak	50.00	150	Horizontal	Pass
6**	11583.325	41.68	-0.01	54.0	-12.32	AV	50.00	150	Horizontal	Pass

11n20, Band 1, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.400	38.66	-18.81	74.0	-35.34	Peak	295.00	150	Vertical	Pass
1**	1061.400	27.20	-18.81	54.0	-26.80	AV	295.00	150	Vertical	Pass
2	1331.300	41.74	-17.90	74.0	-32.26	Peak	130.00	150	Vertical	Pass
2**	1331.300	33.80	-17.90	54.0	-20.20	AV	130.00	150	Vertical	Pass
3	4020.600	47.37	-6.56	74.0	-26.63	Peak	284.00	150	Vertical	Pass
3**	4020.600	37.37	-6.56	54.0	-16.63	AV	284.00	150	Vertical	Pass
4	5236.200	97.55	-4.31	--	--	Peak	108.00	150	Vertical	N/A
4**	5236.200	88.78	-4.31	--	--	AV	108.00	150	Vertical	N/A
5	7428.375	48.15	-4.20	74.0	-25.85	Peak	215.00	150	Vertical	Pass
5**	7428.375	39.42	-4.20	54.0	-14.58	AV	215.00	150	Vertical	Pass
6	11594.250	51.63	-0.10	74.0	-22.37	Peak	70.00	150	Vertical	Pass
6**	11594.250	42.38	-0.10	54.0	-11.62	AV	70.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.300	38.83	-17.94	74.0	-35.17	Peak	256.00	150	Horizontal	Pass
1**	1332.300	29.19	-17.94	54.0	-24.81	AV	256.00	150	Horizontal	Pass
2	2775.700	44.12	-11.41	74.0	-29.88	Peak	248.00	150	Horizontal	Pass
2**	2775.700	34.40	-11.41	54.0	-19.60	AV	248.00	150	Horizontal	Pass
3	3836.600	46.36	-6.70	74.0	-27.64	Peak	290.00	150	Horizontal	Pass
3**	3836.600	36.82	-6.70	54.0	-17.18	AV	290.00	150	Horizontal	Pass
4	5192.600	105.61	-3.88	--	--	Peak	351.00	150	Horizontal	N/A
4**	5192.600	97.79	-3.88	--	--	AV	351.00	150	Horizontal	N/A
5	7437.287	48.95	-4.34	74.0	-25.05	Peak	232.00	150	Horizontal	Pass
5**	7437.287	40.20	-4.34	54.0	-13.80	AV	232.00	150	Horizontal	Pass
6	12097.662	51.26	-1.06	74.0	-22.74	Peak	322.00	150	Horizontal	Pass
6**	12097.662	41.54	-1.06	54.0	-12.46	AV	322.00	150	Horizontal	Pass

11n40, Band 1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	40.62	-17.79	74.0	-33.38	Peak	123.00	150	Vertical	Pass
1**	1328.800	28.91	-17.79	54.0	-25.09	AV	123.00	150	Vertical	Pass
2	2767.600	44.24	-11.54	74.0	-29.76	Peak	73.00	150	Vertical	Pass
2**	2767.600	33.53	-11.54	54.0	-20.47	AV	73.00	150	Vertical	Pass
3	4067.400	46.93	-5.48	74.0	-27.07	Peak	97.00	150	Vertical	Pass
3**	4067.400	38.40	-5.48	54.0	-15.60	AV	97.00	150	Vertical	Pass
4	5178.200	94.27	-3.96	--	--	Peak	250.00	150	Vertical	N/A
4**	5178.200	86.30	-3.96	--	--	AV	250.00	150	Vertical	N/A
5	7444.188	48.33	-4.41	74.0	-25.67	Peak	121.00	150	Vertical	Pass
5**	7444.188	39.24	-4.41	54.0	-14.76	AV	121.00	150	Vertical	Pass
6	11611.500	51.07	-0.16	74.0	-22.93	Peak	14.00	150	Vertical	Pass
6**	11611.500	41.91	-0.16	54.0	-12.09	AV	14.00	150	Vertical	Pass

11n40, Band 1, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1393.000	39.10	-17.58	74.0	-34.90	Peak	128.00	150	Horizontal	Pass
1**	1393.000	28.86	-17.58	54.0	-25.14	AV	128.00	150	Horizontal	Pass
2	2766.200	42.55	-11.56	74.0	-31.45	Peak	294.00	150	Horizontal	Pass
2**	2766.200	33.54	-11.56	54.0	-20.46	AV	294.00	150	Horizontal	Pass
3	3975.800	47.73	-6.69	74.0	-26.27	Peak	86.00	150	Horizontal	Pass
3**	3975.800	37.06	-6.69	54.0	-16.94	AV	86.00	150	Horizontal	Pass
4	5235.200	105.85	-4.26	--	--	Peak	351.00	150	Horizontal	N/A
4**	5235.200	98.47	-4.26	--	--	AV	351.00	150	Horizontal	N/A
5	7354.487	49.02	-5.06	74.0	-24.98	Peak	120.00	150	Horizontal	Pass
5**	7354.487	39.42	-5.06	54.0	-14.58	AV	120.00	150	Horizontal	Pass
6	12236.526	51.78	-0.31	74.0	-22.22	Peak	282.00	150	Horizontal	Pass
6**	12236.526	41.30	-0.31	54.0	-12.70	AV	282.00	150	Horizontal	Pass

11n40, Band 1, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.200	39.03	-18.80	74.0	-34.97	Peak	287.00	150	Vertical	Pass
1**	1065.200	31.36	-18.80	54.0	-22.64	AV	287.00	150	Vertical	Pass
2	2859.600	42.92	-11.44	74.0	-31.08	Peak	206.00	150	Vertical	Pass
2**	2859.600	33.36	-11.44	54.0	-20.64	AV	206.00	150	Vertical	Pass
3	4186.600	47.60	-5.80	74.0	-26.40	Peak	205.00	150	Vertical	Pass
3**	4186.600	38.14	-5.80	54.0	-15.86	AV	205.00	150	Vertical	Pass
4	5235.800	93.86	-4.29	--	--	Peak	258.00	150	Vertical	N/A
4**	5235.800	85.12	-4.29	--	--	AV	258.00	150	Vertical	N/A
5	7439.300	49.12	-4.37	74.0	-24.88	Peak	141.00	150	Vertical	Pass
5**	7439.300	38.83	-4.37	54.0	-15.17	AV	141.00	150	Vertical	Pass
6	11653.763	51.85	-0.39	74.0	-22.15	Peak	14.00	150	Vertical	Pass
6**	11653.763	42.78	-0.39	54.0	-11.22	AV	14.00	150	Vertical	Pass

11ac20, Band 1, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	40.08	-17.87	74.0	-33.92	Peak	225.00	150	Horizontal	Pass
1**	1330.700	29.26	-17.87	54.0	-24.74	AV	225.00	150	Horizontal	Pass
2	2876.400	44.97	-11.26	74.0	-29.03	Peak	266.00	150	Horizontal	Pass
2**	2876.400	36.49	-11.26	54.0	-17.51	AV	266.00	150	Horizontal	Pass
3	4081.000	47.65	-5.11	74.0	-26.35	Peak	48.00	150	Horizontal	Pass
3**	4081.000	37.68	-5.11	54.0	-16.32	AV	48.00	150	Horizontal	Pass
4	5183.600	106.89	-3.90	--	--	Peak	360.00	150	Horizontal	N/A
4**	5183.600	98.83	-3.90	--	--	AV	360.00	150	Horizontal	N/A
5	7395.313	48.48	-4.28	74.0	-25.52	Peak	249.00	150	Horizontal	Pass
5**	7395.313	37.89	-4.28	54.0	-16.11	AV	249.00	150	Horizontal	Pass
6	12093.924	52.03	-1.12	74.0	-21.97	Peak	321.00	150	Horizontal	Pass
6**	12093.924	43.14	-1.12	54.0	-10.86	AV	321.00	150	Horizontal	Pass

11ac20, Band 1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	40.46	-17.92	74.0	-33.54	Peak	126.00	150	Vertical	Pass
1**	1331.800	29.10	-17.92	54.0	-24.90	AV	126.00	150	Vertical	Pass
2	2803.200	43.00	-11.51	74.0	-31.00	Peak	339.00	150	Vertical	Pass
2**	2803.200	33.21	-11.51	54.0	-20.79	AV	339.00	150	Vertical	Pass
3	4076.000	46.71	-5.31	74.0	-27.29	Peak	349.00	150	Vertical	Pass
3**	4076.000	37.75	-5.31	54.0	-16.25	AV	349.00	150	Vertical	Pass
4	5177.000	98.63	-4.00	--	--	Peak	256.00	150	Vertical	N/A
4**	5177.000	90.43	-4.00	--	--	AV	256.00	150	Vertical	N/A
5	7390.138	48.63	-4.33	74.0	-25.37	Peak	0.00	150	Vertical	Pass
5**	7390.138	38.10	-4.33	54.0	-15.90	AV	0.00	150	Vertical	Pass
6	11567.225	50.78	0.09	74.0	-23.22	Peak	148.00	150	Vertical	Pass
6**	11567.225	40.99	0.09	54.0	-13.01	AV	148.00	150	Vertical	Pass

11ac20, Band 1, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.200	38.65	-18.08	74.0	-35.35	Peak	217.00	150	Horizontal	Pass
1**	1351.200	28.92	-18.08	54.0	-25.08	AV	217.00	150	Horizontal	Pass
2	2861.200	44.37	-11.44	74.0	-29.63	Peak	271.00	150	Horizontal	Pass
2**	2861.200	35.36	-11.44	54.0	-18.64	AV	271.00	150	Horizontal	Pass
3	3974.400	47.46	-6.62	74.0	-26.54	Peak	30.00	150	Horizontal	Pass
3**	3974.400	37.21	-6.62	54.0	-16.79	AV	30.00	150	Horizontal	Pass
4	5219.000	108.16	-4.12	--	--	Peak	351.00	150	Horizontal	N/A
4**	5219.000	100.21	-4.12	--	--	AV	351.00	150	Horizontal	N/A
5	7425.500	48.83	-4.07	74.0	-25.17	Peak	51.00	150	Horizontal	Pass
5**	7425.500	39.71	-4.07	54.0	-14.29	AV	51.00	150	Horizontal	Pass
6	11620.700	51.15	-0.17	74.0	-22.85	Peak	88.00	150	Horizontal	Pass
6**	11620.700	41.78	-0.17	54.0	-12.22	AV	88.00	150	Horizontal	Pass

11ac20, Band 1, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.700	42.74	-17.96	74.0	-31.26	Peak	240.00	150	Vertical	Pass
1**	1592.700	32.66	-17.96	54.0	-21.34	AV	240.00	150	Vertical	Pass
2	2855.800	44.87	-11.47	74.0	-29.13	Peak	259.00	150	Vertical	Pass
2**	2855.800	36.51	-11.47	54.0	-17.49	AV	259.00	150	Vertical	Pass
3	4128.000	47.71	-6.05	74.0	-26.29	Peak	195.00	150	Vertical	Pass
3**	4128.000	37.34	-6.05	54.0	-16.66	AV	195.00	150	Vertical	Pass
4	5221.200	98.04	-4.09	--	--	Peak	107.00	150	Vertical	N/A
4**	5221.200	89.74	-4.09	--	--	AV	107.00	150	Vertical	N/A
5	7424.925	48.69	-4.07	74.0	-25.31	Peak	360.00	150	Vertical	Pass
5**	7424.925	40.06	-4.07	54.0	-13.94	AV	360.00	150	Vertical	Pass
6	12104.275	51.80	-0.95	74.0	-22.20	Peak	126.00	150	Vertical	Pass
6**	12104.275	42.62	-0.95	54.0	-11.38	AV	126.00	150	Vertical	Pass

11ac20, Band 1, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	38.50	-17.81	74.0	-35.50	Peak	221.00	150	Horizontal	Pass
1**	1329.300	29.06	-17.81	54.0	-24.94	AV	221.00	150	Horizontal	Pass
2	2806.100	42.79	-11.56	74.0	-31.21	Peak	188.00	150	Horizontal	Pass
2**	2806.100	34.38	-11.56	54.0	-19.62	AV	188.00	150	Horizontal	Pass
3	4123.600	47.13	-5.80	74.0	-26.87	Peak	127.00	150	Horizontal	Pass
3**	4123.600	37.54	-5.80	54.0	-16.46	AV	127.00	150	Horizontal	Pass
4	5242.000	107.82	-4.24	--	--	Peak	5.00	150	Horizontal	N/A
4**	5242.000	100.16	-4.24	--	--	AV	5.00	150	Horizontal	N/A
5	7415.725	47.96	-4.08	74.0	-26.04	Peak	285.00	150	Horizontal	Pass
5**	7415.725	39.01	-4.08	54.0	-14.99	AV	285.00	150	Horizontal	Pass
6	12068.912	51.34	-1.42	74.0	-22.66	Peak	267.00	150	Horizontal	Pass
6**	12068.912	41.71	-1.42	54.0	-12.29	AV	267.00	150	Horizontal	Pass

11ac20, Band 1, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.300	41.53	-17.86	74.0	-32.47	Peak	241.00	150	Vertical	Pass
1**	1587.300	33.17	-17.86	54.0	-20.83	AV	241.00	150	Vertical	Pass
2	2758.400	45.28	-11.48	74.0	-28.72	Peak	250.00	150	Vertical	Pass
2**	2758.400	34.40	-11.48	54.0	-19.60	AV	250.00	150	Vertical	Pass
3	4105.800	46.93	-6.00	74.0	-27.07	Peak	289.00	150	Vertical	Pass
3**	4105.800	38.29	-6.00	54.0	-15.71	AV	289.00	150	Vertical	Pass
4	5238.000	96.46	-4.32	--	--	Peak	252.00	150	Vertical	N/A
4**	5238.000	89.28	-4.32	--	--	AV	252.00	150	Vertical	N/A
5	7364.263	48.31	-5.03	74.0	-25.69	Peak	168.00	150	Vertical	Pass
5**	7364.263	39.62	-5.03	54.0	-14.38	AV	168.00	150	Vertical	Pass
6	12168.674	51.92	-0.93	74.0	-22.08	Peak	339.00	150	Vertical	Pass
6**	12168.674	43.33	-0.93	54.0	-10.67	AV	339.00	150	Vertical	Pass

11ac40, Band 1, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.100	38.68	-17.96	74.0	-35.32	Peak	172.00	150	Horizontal	Pass
1**	1333.100	28.15	-17.96	54.0	-25.85	AV	172.00	150	Horizontal	Pass
2	2789.300	42.80	-11.09	74.0	-31.20	Peak	197.00	150	Horizontal	Pass
2**	2789.300	33.46	-11.09	54.0	-20.54	AV	197.00	150	Horizontal	Pass
3	4063.000	47.31	-5.62	74.0	-26.69	Peak	81.00	150	Horizontal	Pass
3**	4063.000	38.08	-5.62	54.0	-15.92	AV	81.00	150	Horizontal	Pass
4	5193.000	105.37	-3.90	--	--	Peak	1.00	150	Horizontal	N/A
4**	5193.000	97.49	-3.90	--	--	AV	1.00	150	Horizontal	N/A
5	7425.787	48.77	-4.07	74.0	-25.23	Peak	326.00	150	Horizontal	Pass
5**	7425.787	39.84	-4.07	54.0	-14.16	AV	326.00	150	Horizontal	Pass
6	11660.662	51.47	-0.49	74.0	-22.53	Peak	308.00	150	Horizontal	Pass
6**	11660.662	41.79	-0.49	54.0	-12.21	AV	308.00	150	Horizontal	Pass

11ac40, Band 1, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	40.00	-17.96	74.0	-34.00	Peak	126.00	150	Vertical	Pass
1**	1332.800	33.08	-17.96	54.0	-20.92	AV	126.00	150	Vertical	Pass
2	2790.800	43.14	-11.10	74.0	-30.86	Peak	214.00	150	Vertical	Pass
2**	2790.800	34.50	-11.10	54.0	-19.50	AV	214.00	150	Vertical	Pass
3	4000.400	46.68	-6.29	74.0	-27.32	Peak	360.00	150	Vertical	Pass
3**	4000.400	36.80	-6.29	54.0	-17.20	AV	360.00	150	Vertical	Pass
4	5181.400	94.77	-3.93	--	--	Peak	255.00	150	Vertical	N/A
4**	5181.400	86.16	-3.93	--	--	AV	255.00	150	Vertical	N/A
5	7425.212	48.52	-4.07	74.0	-25.48	Peak	325.00	150	Vertical	Pass
5**	7425.212	39.69	-4.07	54.0	-14.31	AV	325.00	150	Vertical	Pass
6	11618.688	50.80	-0.16	74.0	-23.20	Peak	343.00	150	Vertical	Pass
6**	11618.688	42.06	-0.16	54.0	-11.94	AV	343.00	150	Vertical	Pass

11ac40, Band 1, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.300	38.04	-17.98	74.0	-35.96	Peak	306.00	150	Horizontal	Pass
1**	1565.300	28.70	-17.98	54.0	-25.30	AV	306.00	150	Horizontal	Pass
2	2836.600	43.27	-11.85	74.0	-30.73	Peak	139.00	150	Horizontal	Pass
2**	2836.600	33.41	-11.85	54.0	-20.59	AV	139.00	150	Horizontal	Pass
3	4099.400	47.88	-5.98	74.0	-26.12	Peak	283.00	150	Horizontal	Pass
3**	4099.400	37.37	-5.98	54.0	-16.63	AV	283.00	150	Horizontal	Pass
4	5223.800	106.22	-4.16	--	--	Peak	21.00	150	Horizontal	N/A
4**	5223.800	97.75	-4.16	--	--	AV	21.00	150	Horizontal	N/A
5	7432.688	48.60	-4.40	74.0	-25.40	Peak	52.00	150	Horizontal	Pass
5**	7432.688	39.35	-4.40	54.0	-14.65	AV	52.00	150	Horizontal	Pass
6	11591.375	51.09	-0.08	74.0	-22.91	Peak	186.00	150	Horizontal	Pass
6**	11591.375	42.02	-0.08	54.0	-11.98	AV	186.00	150	Horizontal	Pass

11ac40, Band 1, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.200	38.34	-18.09	74.0	-35.66	Peak	71.00	150	Vertical	Pass
1**	1521.200	28.22	-18.09	54.0	-25.78	AV	71.00	150	Vertical	Pass
2	2780.500	43.35	-11.34	74.0	-30.65	Peak	134.00	150	Vertical	Pass
2**	2780.500	33.46	-11.34	54.0	-20.54	AV	134.00	150	Vertical	Pass
3	4075.200	48.00	-5.39	74.0	-26.00	Peak	0.00	150	Vertical	Pass
3**	4075.200	37.34	-5.39	54.0	-16.66	AV	0.00	150	Vertical	Pass
4	5218.200	94.06	-4.08	--	--	Peak	114.00	150	Vertical	N/A
4**	5218.200	85.23	-4.08	--	--	AV	114.00	150	Vertical	N/A
5	7374.325	48.17	-4.94	74.0	-25.83	Peak	0.00	150	Vertical	Pass
5**	7374.325	38.46	-4.94	54.0	-15.54	AV	0.00	150	Vertical	Pass
6	11678.488	51.17	-0.93	74.0	-22.83	Peak	14.00	150	Vertical	Pass
6**	11678.488	41.11	-0.93	54.0	-12.89	AV	14.00	150	Vertical	Pass

11ac80, Band 1, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.500	38.01	-18.00	74.0	-35.99	Peak	62.00	150	Horizontal	Pass
1**	1549.500	28.74	-18.00	54.0	-25.26	AV	62.00	150	Horizontal	Pass
2	2820.800	42.91	-11.78	74.0	-31.09	Peak	352.00	150	Horizontal	Pass
2**	2820.800	34.08	-11.78	54.0	-19.92	AV	352.00	150	Horizontal	Pass
3	4033.200	46.77	-5.87	74.0	-27.23	Peak	1.00	150	Horizontal	Pass
3**	4033.200	37.18	-5.87	54.0	-16.82	AV	1.00	150	Horizontal	Pass
4	5202.400	102.28	-3.95	--	--	Peak	360.00	150	Horizontal	N/A
4**	5202.400	94.34	-3.95	--	--	AV	360.00	150	Horizontal	N/A
5	7387.262	48.50	-4.47	74.0	-25.50	Peak	199.00	150	Horizontal	Pass
5**	7387.262	39.91	-4.47	54.0	-14.09	AV	199.00	150	Horizontal	Pass
6	12061.725	50.92	-1.48	74.0	-23.08	Peak	33.00	150	Horizontal	Pass
6**	12061.725	41.42	-1.48	54.0	-12.58	AV	33.00	150	Horizontal	Pass

11ac80, Band 1, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.000	37.99	-18.10	74.0	-36.01	Peak	0.00	150	Vertical	Pass
1**	1521.000	29.46	-18.10	54.0	-24.54	AV	0.00	150	Vertical	Pass
2	2822.500	43.32	-11.85	74.0	-30.68	Peak	106.00	150	Vertical	Pass
2**	2822.500	35.15	-11.85	54.0	-18.85	AV	106.00	150	Vertical	Pass
3	4066.800	46.91	-5.52	74.0	-27.09	Peak	5.00	150	Vertical	Pass
3**	4066.800	37.51	-5.52	54.0	-16.49	AV	5.00	150	Vertical	Pass
4	5203.600	91.79	-3.99	--	--	Peak	242.00	150	Vertical	N/A
4**	5203.600	83.98	-3.99	--	--	AV	242.00	150	Vertical	N/A
5	7490.475	48.67	-4.35	74.0	-25.33	Peak	234.00	150	Vertical	Pass
5**	7490.475	38.13	-4.35	54.0	-15.87	AV	234.00	150	Vertical	Pass
6	12037.576	51.02	-1.46	74.0	-22.98	Peak	142.00	150	Vertical	Pass
6**	12037.576	41.37	-1.46	54.0	-12.63	AV	142.00	150	Vertical	Pass

11a, Band 2A, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.600	38.17	-18.02	74.0	-35.83	Peak	277.00	150	Horizontal	Pass
1**	1541.600	28.66	-18.02	54.0	-25.34	AV	277.00	150	Horizontal	Pass
2	2812.900	42.85	-11.61	74.0	-31.15	Peak	123.00	150	Horizontal	Pass
2**	2812.900	34.12	-11.61	54.0	-19.88	AV	123.00	150	Horizontal	Pass
3	4112.400	47.52	-5.76	74.0	-26.48	Peak	316.00	150	Horizontal	Pass
3**	4112.400	37.55	-5.76	54.0	-16.45	AV	316.00	150	Horizontal	Pass
4	5263.600	108.91	-3.97	--	--	Peak	360.00	150	Horizontal	N/A
4**	5263.600	101.32	-3.97	--	--	AV	360.00	150	Horizontal	N/A
5	7549.700	48.44	-4.35	74.0	-25.56	Peak	167.00	150	Horizontal	Pass
5**	7549.700	39.57	-4.35	54.0	-14.43	AV	167.00	150	Horizontal	Pass
6	12010.838	50.93	-1.24	74.0	-23.07	Peak	360.00	150	Horizontal	Pass
6**	12010.838	41.63	-1.24	54.0	-12.37	AV	360.00	150	Horizontal	Pass

11a, Band 2A, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	38.35	-17.98	74.0	-35.65	Peak	277.00	150	Vertical	Pass
1**	1484.800	28.71	-17.98	54.0	-25.29	AV	277.00	150	Vertical	Pass
2	2776.500	42.92	-11.43	74.0	-31.08	Peak	292.00	150	Vertical	Pass
2**	2776.500	33.54	-11.43	54.0	-20.46	AV	292.00	150	Vertical	Pass
3	4077.600	47.03	-5.22	74.0	-26.97	Peak	132.00	150	Vertical	Pass
3**	4077.600	38.71	-5.22	54.0	-15.29	AV	132.00	150	Vertical	Pass
4	5262.200	97.09	-3.90	--	--	Peak	101.00	150	Vertical	N/A
4**	5262.200	89.46	-3.90	--	--	AV	101.00	150	Vertical	N/A
5	7425.500	48.33	-4.07	74.0	-25.67	Peak	90.00	150	Vertical	Pass
5**	7425.500	39.92	-4.07	54.0	-14.08	AV	90.00	150	Vertical	Pass
6	12103.125	52.29	-0.97	74.0	-21.71	Peak	164.00	150	Vertical	Pass
6**	12103.125	41.67	-0.97	54.0	-12.33	AV	164.00	150	Vertical	Pass

11a, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1587.700	37.91	-17.84	74.0	-36.09	Peak	13.00	150	Horizontal	Pass
1**	1587.700	28.61	-17.84	54.0	-25.39	AV	13.00	150	Horizontal	Pass
2	2785.700	43.12	-11.21	74.0	-30.88	Peak	196.00	150	Horizontal	Pass
2**	2785.700	33.08	-11.21	54.0	-20.92	AV	196.00	150	Horizontal	Pass
3	4068.800	46.84	-5.53	74.0	-27.16	Peak	360.00	150	Horizontal	Pass
3**	4068.800	37.16	-5.53	54.0	-16.84	AV	360.00	150	Horizontal	Pass
4	5299.200	109.21	-3.88	--	--	Peak	0.00	150	Horizontal	N/A
4**	5299.200	102.54	-3.88	--	--	AV	0.00	150	Horizontal	N/A
5	7451.950	48.15	-4.44	74.0	-25.85	Peak	290.00	150	Horizontal	Pass
5**	7451.950	38.74	-4.44	54.0	-15.26	AV	290.00	150	Horizontal	Pass
6	11618.113	51.41	-0.16	74.0	-22.59	Peak	109.00	150	Horizontal	Pass
6**	11618.113	41.50	-0.16	54.0	-12.50	AV	109.00	150	Horizontal	Pass

11a, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)		Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.700	38.19	-17.85	74.0	-35.81	Peak	90.00	150	Vertical	Pass
1**	1567.700	28.84	-17.85	54.0	-25.16	AV	90.00	150	Vertical	Pass
2	2795.000	42.53	-11.24	74.0	-31.47	Peak	278.00	150	Vertical	Pass
2**	2795.000	33.62	-11.24	54.0	-20.38	AV	278.00	150	Vertical	Pass
3	4108.800	47.35	-5.87	74.0	-26.65	Peak	304.00	150	Vertical	Pass
3**	4108.800	38.15	-5.87	54.0	-15.85	AV	304.00	150	Vertical	Pass
4	5301.800	96.98	-3.82	--	--	Peak	96.00	150	Vertical	N/A
4**	5301.800	89.48	-3.82	--	--	AV	96.00	150	Vertical	N/A
5	7402.212	48.46	-4.21	74.0	-25.54	Peak	332.00	150	Vertical	Pass
5**	7402.212	39.07	-4.21	54.0	-14.93	AV	332.00	150	Vertical	Pass
6	12100.250	52.03	-1.02	74.0	-21.97	Peak	239.00	150	Vertical	Pass
6**	12100.250	42.55	-1.02	54.0	-11.45	AV	239.00	150	Vertical	Pass

11a, Band 2A, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.400	38.74	-17.92	74.0	-35.26	Peak	164.00	150	Horizontal	Pass
1**	1495.400	28.43	-17.92	54.0	-25.57	AV	164.00	150	Horizontal	Pass
2	2802.900	42.79	-11.49	74.0	-31.21	Peak	146.00	150	Horizontal	Pass
2**	2802.900	33.26	-11.49	54.0	-20.74	AV	146.00	150	Horizontal	Pass
3	3928.600	46.23	-6.94	74.0	-27.77	Peak	162.00	150	Horizontal	Pass
3**	3928.600	36.76	-6.94	54.0	-17.24	AV	162.00	150	Horizontal	Pass
4	5318.400	109.63	-3.95	--	--	Peak	3.00	150	Horizontal	N/A
4**	5318.400	103.02	-3.95	--	--	AV	3.00	150	Horizontal	N/A
5	7421.475	48.47	-4.03	74.0	-25.53	Peak	360.00	150	Horizontal	Pass
5**	7421.475	39.55	-4.03	54.0	-14.45	AV	360.00	150	Horizontal	Pass
6	12269.875	50.99	0.06	74.0	-23.01	Peak	54.00	150	Horizontal	Pass
6**	12269.875	42.03	0.06	54.0	-11.97	AV	54.00	150	Horizontal	Pass

11a, Band 2A, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.000	40.32	-17.96	74.0	-33.68	Peak	126.00	150	Vertical	Pass
1**	1333.000	27.54	-17.96	54.0	-26.46	AV	126.00	150	Vertical	Pass
2	2813.200	42.78	-11.60	74.0	-31.22	Peak	144.00	150	Vertical	Pass
2**	2813.200	34.10	-11.60	54.0	-19.90	AV	144.00	150	Vertical	Pass
3	4073.200	46.73	-5.54	74.0	-27.27	Peak	310.00	150	Vertical	Pass
3**	4073.200	38.01	-5.54	54.0	-15.99	AV	310.00	150	Vertical	Pass
4	5319.200	98.54	-3.92	--	--	Peak	256.00	150	Vertical	N/A
4**	5319.200	90.84	-3.92	--	--	AV	256.00	150	Vertical	N/A
5	7414.862	48.17	-4.10	74.0	-25.83	Peak	239.00	150	Vertical	Pass
5**	7414.862	38.78	-4.10	54.0	-15.22	AV	239.00	150	Vertical	Pass
6	12259.237	51.24	0.03	74.0	-22.76	Peak	332.00	150	Vertical	Pass
6**	12259.237	41.91	0.03	54.0	-12.09	AV	332.00	150	Vertical	Pass

11n20, Band 2A, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.600	38.10	-18.06	74.0	-35.90	Peak	249.00	150	Horizontal	Pass
1**	1534.600	29.81	-18.06	54.0	-24.19	AV	249.00	150	Horizontal	Pass
2	2781.100	43.16	-11.31	74.0	-30.84	Peak	118.00	150	Horizontal	Pass
2**	2781.100	33.59	-11.31	54.0	-20.41	AV	118.00	150	Horizontal	Pass
3	4088.800	47.68	-5.44	74.0	-26.32	Peak	156.00	150	Horizontal	Pass
3**	4088.800	37.61	-5.44	54.0	-16.39	AV	156.00	150	Horizontal	Pass
4	5257.800	108.74	-3.99	--	--	Peak	0.00	150	Horizontal	N/A
4**	5257.800	100.47	-3.99	--	--	AV	0.00	150	Horizontal	N/A
5	7424.350	49.12	-4.08	74.0	-24.88	Peak	360.00	150	Horizontal	Pass
5**	7424.350	39.46	-4.08	54.0	-14.54	AV	360.00	150	Horizontal	Pass
6	12097.375	51.35	-1.07	74.0	-22.65	Peak	154.00	150	Horizontal	Pass
6**	12097.375	41.55	-1.07	54.0	-12.45	AV	154.00	150	Horizontal	Pass

11n20, Band 2A, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.100	39.78	-17.84	74.0	-34.22	Peak	140.00	150	Vertical	Pass
1**	1330.100	28.54	-17.84	54.0	-25.46	AV	140.00	150	Vertical	Pass
2	2845.800	43.42	-11.75	74.0	-30.58	Peak	41.00	150	Vertical	Pass
2**	2845.800	34.26	-11.75	54.0	-19.74	AV	41.00	150	Vertical	Pass
3	3984.400	47.10	-6.33	74.0	-26.90	Peak	267.00	150	Vertical	Pass
3**	3984.400	37.24	-6.33	54.0	-16.76	AV	267.00	150	Vertical	Pass
4	5262.600	96.23	-3.92	--	--	Peak	247.00	150	Vertical	N/A
4**	5262.600	89.28	-3.92	--	--	AV	247.00	150	Vertical	N/A
5	7435.562	47.88	-4.35	74.0	-26.12	Peak	164.00	150	Vertical	Pass
5**	7435.562	39.14	-4.35	54.0	-14.86	AV	164.00	150	Vertical	Pass
6	12163.500	51.29	-0.90	74.0	-22.71	Peak	60.00	150	Vertical	Pass
6**	12163.500	42.11	-0.90	54.0	-11.89	AV	60.00	150	Vertical	Pass

11n20, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.500	38.53	-17.98	74.0	-35.47	Peak	74.00	150	Horizontal	Pass
1**	1505.500	28.08	-17.98	54.0	-25.92	AV	74.00	150	Horizontal	Pass
2	2802.100	43.08	-11.45	74.0	-30.92	Peak	251.00	150	Horizontal	Pass
2**	2802.100	33.89	-11.45	54.0	-20.11	AV	251.00	150	Horizontal	Pass
3	4164.600	47.14	-5.66	74.0	-26.86	Peak	349.00	150	Horizontal	Pass
3**	4164.600	37.08	-5.66	54.0	-16.92	AV	349.00	150	Horizontal	Pass
4	5302.600	109.33	-3.84	--	--	Peak	20.00	150	Horizontal	N/A
4**	5302.600	101.79	-3.84	--	--	AV	20.00	150	Horizontal	N/A
5	7615.825	48.09	-5.18	74.0	-25.91	Peak	0.00	150	Horizontal	Pass
5**	7615.825	39.15	-5.18	54.0	-14.85	AV	0.00	150	Horizontal	Pass
6	12174.713	51.36	-0.96	74.0	-22.64	Peak	49.00	150	Horizontal	Pass
6**	12174.713	41.87	-0.96	54.0	-12.13	AV	49.00	150	Horizontal	Pass

11n20, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.400	37.68	-17.93	74.0	-36.32	Peak	41.00	150	Vertical	Pass
1**	1517.400	28.07	-17.93	54.0	-25.93	AV	41.00	150	Vertical	Pass
2	2835.300	43.01	-11.82	74.0	-30.99	Peak	237.00	150	Vertical	Pass
2**	2835.300	33.70	-11.82	54.0	-20.30	AV	237.00	150	Vertical	Pass
3	4095.400	47.76	-5.87	74.0	-26.24	Peak	4.00	150	Vertical	Pass
3**	4095.400	38.18	-5.87	54.0	-15.82	AV	4.00	150	Vertical	Pass
4	5298.600	97.10	-3.85	--	--	Peak	244.00	150	Vertical	N/A
4**	5298.600	89.28	-3.85	--	--	AV	244.00	150	Vertical	N/A
5	7421.763	48.29	-4.04	74.0	-25.71	Peak	265.00	150	Vertical	Pass
5**	7421.763	38.98	-4.04	54.0	-15.02	AV	265.00	150	Vertical	Pass
6	12071.500	51.62	-1.40	74.0	-22.38	Peak	56.00	150	Vertical	Pass
6**	12071.500	42.04	-1.40	54.0	-11.96	AV	56.00	150	Vertical	Pass

11n20, Band 2A, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.300	38.19	-17.98	74.0	-35.81	Peak	187.00	150	Horizontal	Pass
1**	1505.300	28.39	-17.98	54.0	-25.61	AV	187.00	150	Horizontal	Pass
2	2776.600	42.56	-11.44	74.0	-31.44	Peak	46.00	150	Horizontal	Pass
2**	2776.600	33.42	-11.44	54.0	-20.58	AV	46.00	150	Horizontal	Pass
3	4155.000	47.25	-5.73	74.0	-26.75	Peak	329.00	150	Horizontal	Pass
3**	4155.000	37.82	-5.73	54.0	-16.18	AV	329.00	150	Horizontal	Pass
4	5318.600	109.41	-3.94	--	--	Peak	9.00	150	Horizontal	N/A
4**	5318.600	101.85	-3.94	--	--	AV	9.00	150	Horizontal	N/A
5	7530.150	48.15	-4.24	74.0	-25.85	Peak	0.00	150	Horizontal	Pass
5**	7530.150	39.96	-4.24	54.0	-14.04	AV	0.00	150	Horizontal	Pass
6	11620.700	51.19	-0.17	74.0	-22.81	Peak	27.00	150	Horizontal	Pass
6**	11620.700	42.09	-0.17	54.0	-11.91	AV	27.00	150	Horizontal	Pass

11n20, Band 2A, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	39.43	-17.86	74.0	-34.57	Peak	115.00	150	Vertical	Pass
1**	1330.500	28.86	-17.86	54.0	-25.14	AV	115.00	150	Vertical	Pass
2	2790.600	43.06	-11.10	74.0	-30.94	Peak	107.00	150	Vertical	Pass
2**	2790.600	34.33	-11.10	54.0	-19.67	AV	107.00	150	Vertical	Pass
3	4073.000	46.94	-5.54	74.0	-27.06	Peak	206.00	150	Vertical	Pass
3**	4073.000	38.79	-5.54	54.0	-15.21	AV	206.00	150	Vertical	Pass
4	5316.000	97.29	-3.98	--	--	Peak	268.00	150	Vertical	N/A
4**	5316.000	88.14	-3.98	--	--	AV	268.00	150	Vertical	N/A
5	7420.038	48.32	-4.02	74.0	-25.68	Peak	328.00	150	Vertical	Pass
5**	7420.038	39.39	-4.02	54.0	-14.61	AV	328.00	150	Vertical	Pass
6	11650.312	51.46	-0.35	74.0	-22.54	Peak	153.00	150	Vertical	Pass
6**	11650.312	41.82	-0.35	54.0	-12.18	AV	153.00	150	Vertical	Pass

11n40, Band 2A, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.100	37.73	-17.97	74.0	-36.27	Peak	186.00	150	Horizontal	Pass
1**	1570.100	28.21	-17.97	54.0	-25.79	AV	186.00	150	Horizontal	Pass
2	2773.100	43.10	-11.47	74.0	-30.90	Peak	209.00	150	Horizontal	Pass
2**	2773.100	33.85	-11.47	54.0	-20.15	AV	209.00	150	Horizontal	Pass
3	3969.000	46.92	-6.72	74.0	-27.08	Peak	323.00	150	Horizontal	Pass
3**	3969.000	37.21	-6.72	54.0	-16.79	AV	323.00	150	Horizontal	Pass
4	5271.600	107.51	-3.76	--	--	Peak	360.00	150	Horizontal	N/A
4**	5271.600	99.04	-3.76	--	--	AV	360.00	150	Horizontal	N/A
5	7383.525	48.53	-4.57	74.0	-25.47	Peak	177.00	150	Horizontal	Pass
5**	7383.525	38.58	-4.57	54.0	-15.42	AV	177.00	150	Horizontal	Pass
6	12181.325	51.50	-0.97	74.0	-22.50	Peak	0.00	150	Horizontal	Pass
6**	12181.325	42.89	-0.97	54.0	-11.11	AV	0.00	150	Horizontal	Pass

11n40, Band 2A, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	42.56	-17.87	74.0	-31.44	Peak	123.00	150	Vertical	Pass
1**	1330.600	31.60	-17.87	54.0	-22.40	AV	123.00	150	Vertical	Pass
2	2735.600	44.63	-11.49	74.0	-29.37	Peak	86.00	150	Vertical	Pass
2**	2735.600	34.17	-11.49	54.0	-19.83	AV	86.00	150	Vertical	Pass
3	4184.800	47.62	-5.79	74.0	-26.38	Peak	8.00	150	Vertical	Pass
3**	4184.800	37.98	-5.79	54.0	-16.02	AV	8.00	150	Vertical	Pass
4	5273.400	92.66	-3.77	--	--	Peak	20.00	150	Vertical	N/A
4**	5273.400	83.82	-3.77	--	--	AV	20.00	150	Vertical	N/A
5	7356.788	48.83	-4.89	74.0	-25.17	Peak	277.00	150	Vertical	Pass
5**	7356.788	39.74	-4.89	54.0	-14.26	AV	277.00	150	Vertical	Pass
6	12012.849	51.25	-1.23	74.0	-22.75	Peak	50.00	150	Vertical	Pass
6**	12012.849	41.68	-1.23	54.0	-12.32	AV	50.00	150	Vertical	Pass

11n40, Band 2A, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.100	37.65	-17.94	74.0	-36.35	Peak	257.00	150	Horizontal	Pass
1**	1497.100	28.33	-17.94	54.0	-25.67	AV	257.00	150	Horizontal	Pass
2	2803.000	42.28	-11.50	74.0	-31.72	Peak	217.00	150	Horizontal	Pass
2**	2803.000	33.65	-11.50	54.0	-20.35	AV	217.00	150	Horizontal	Pass
3	4043.800	46.99	-5.66	74.0	-27.01	Peak	315.00	150	Horizontal	Pass
3**	4043.800	37.92	-5.66	54.0	-16.08	AV	315.00	150	Horizontal	Pass
4	5313.400	108.45	-4.01	--	--	Peak	1.00	150	Horizontal	N/A
4**	5313.400	100.15	-4.01	--	--	AV	1.00	150	Horizontal	N/A
5	11623.000	51.23	-0.19	74.0	-22.77	Peak	282.00	150	Horizontal	Pass
5**	11623.000	42.14	-0.19	54.0	-11.86	AV	282.00	150	Horizontal	Pass
6	15564.000	46.98	3.91	74.0	-27.02	Peak	84.00	150	Horizontal	Pass
6**	15564.000	39.60	3.91	54.0	-14.40	AV	84.00	150	Horizontal	Pass

11n40, Band 2A, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.300	39.23	-18.79	74.0	-34.77	Peak	308.00	150	Vertical	Pass
1**	1066.300	32.05	-18.79	54.0	-21.95	AV	308.00	150	Vertical	Pass
2	2815.500	42.38	-11.75	74.0	-31.62	Peak	12.00	150	Vertical	Pass
2**	2815.500	33.83	-11.75	54.0	-20.17	AV	12.00	150	Vertical	Pass
3	3997.400	47.00	-6.17	74.0	-27.00	Peak	190.00	150	Vertical	Pass
3**	3997.400	38.05	-6.17	54.0	-15.95	AV	190.00	150	Vertical	Pass
4	5315.200	92.86	-3.95	--	--	Peak	263.00	150	Vertical	N/A
4**	5315.200	86.84	-3.95	--	--	AV	263.00	150	Vertical	N/A
5	11675.900	51.41	-0.86	74.0	-22.59	Peak	276.00	150	Vertical	Pass
5**	11675.900	41.65	-0.86	54.0	-12.35	AV	276.00	150	Vertical	Pass
6	15779.250	47.44	4.43	74.0	-26.56	Peak	111.00	150	Vertical	Pass
6**	15779.250	40.91	4.43	54.0	-13.09	AV	111.00	150	Vertical	Pass

11ac20, Band 2A, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.700	37.68	-18.17	74.0	-36.32	Peak	346.00	150	Horizontal	Pass
1**	1196.700	28.23	-18.17	54.0	-25.77	AV	346.00	150	Horizontal	Pass
2	2800.600	42.45	-11.40	74.0	-31.55	Peak	58.00	150	Horizontal	Pass
2**	2800.600	34.06	-11.40	54.0	-19.94	AV	58.00	150	Horizontal	Pass
3	3879.200	46.72	-7.06	74.0	-27.28	Peak	351.00	150	Horizontal	Pass
3**	3879.200	36.09	-7.06	54.0	-17.91	AV	351.00	150	Horizontal	Pass
4	5258.600	108.86	-3.99	--	--	Peak	19.00	150	Horizontal	N/A
4**	5258.600	101.13	-3.99	--	--	AV	19.00	150	Horizontal	N/A
5	11584.763	50.56	-0.02	74.0	-23.44	Peak	207.00	150	Horizontal	Pass
5**	11584.763	41.85	-0.02	54.0	-12.15	AV	207.00	150	Horizontal	Pass
6	15708.375	47.74	4.51	74.0	-26.26	Peak	255.00	150	Horizontal	Pass
6**	15708.375	39.37	4.51	54.0	-14.63	AV	255.00	150	Horizontal	Pass

11ac20, Band 2A, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.500	39.71	-18.80	74.0	-34.29	Peak	244.00	150	Vertical	Pass
1**	1065.500	32.40	-18.80	54.0	-21.60	AV	244.00	150	Vertical	Pass
2	2774.700	43.02	-11.43	74.0	-30.98	Peak	318.00	150	Vertical	Pass
2**	2774.700	33.15	-11.43	54.0	-20.85	AV	318.00	150	Vertical	Pass
3	4145.400	46.68	-6.13	74.0	-27.32	Peak	267.00	150	Vertical	Pass
3**	4145.400	37.43	-6.13	54.0	-16.57	AV	267.00	150	Vertical	Pass
4	5259.800	95.26	-3.96	--	--	Peak	44.00	150	Vertical	N/A
4**	5259.800	86.96	-3.96	--	--	AV	44.00	150	Vertical	N/A
5	11633.925	50.95	-0.30	74.0	-23.05	Peak	31.00	150	Vertical	Pass
5**	11633.925	41.21	-0.30	54.0	-12.79	AV	31.00	150	Vertical	Pass
6	15708.375	46.42	4.51	74.0	-27.58	Peak	256.00	150	Vertical	Pass
6**	15708.375	40.20	4.51	54.0	-13.80	AV	256.00	150	Vertical	Pass

11ac20, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.300	40.09	-18.77	74.0	-33.91	Peak	311.00	150	Horizontal	Pass
1**	1068.300	29.91	-18.77	54.0	-24.09	AV	311.00	150	Horizontal	Pass
2	2843.900	43.91	-11.77	74.0	-30.09	Peak	262.00	150	Horizontal	Pass
2**	2843.900	33.73	-11.77	54.0	-20.27	AV	262.00	150	Horizontal	Pass
3	3970.000	46.90	-6.69	74.0	-27.10	Peak	43.00	150	Horizontal	Pass
3**	3970.000	37.38	-6.69	54.0	-16.62	AV	43.00	150	Horizontal	Pass
4	5306.600	109.51	-3.90	--	--	Peak	360.00	150	Horizontal	N/A
4**	5306.600	100.86	-3.90	--	--	AV	360.00	150	Horizontal	N/A
5	12219.275	51.58	-0.29	74.0	-22.42	Peak	300.00	150	Horizontal	Pass
5**	12219.275	42.58	-0.29	54.0	-11.42	AV	300.00	150	Horizontal	Pass
6	15561.375	47.26	3.92	74.0	-26.74	Peak	118.00	150	Horizontal	Pass
6**	15561.375	39.42	3.92	54.0	-14.58	AV	118.00	150	Horizontal	Pass

11ac20, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	40.92	-17.81	74.0	-33.08	Peak	129.00	150	Vertical	Pass
1**	1329.200	29.86	-17.81	54.0	-24.14	AV	129.00	150	Vertical	Pass
2	2841.400	45.38	-11.75	74.0	-28.62	Peak	360.00	150	Vertical	Pass
2**	2841.400	34.56	-11.75	54.0	-19.44	AV	360.00	150	Vertical	Pass
3	3918.000	47.55	-6.87	74.0	-26.45	Peak	302.00	150	Vertical	Pass
3**	3918.000	36.76	-6.87	54.0	-17.24	AV	302.00	150	Vertical	Pass
4	5299.000	95.13	-3.87	--	--	Peak	25.00	150	Vertical	N/A
4**	5299.000	86.95	-3.87	--	--	AV	25.00	150	Vertical	N/A
5	11650.312	51.02	-0.35	74.0	-22.98	Peak	321.00	150	Vertical	Pass
5**	11650.312	41.98	-0.35	54.0	-12.02	AV	321.00	150	Vertical	Pass
6	15746.437	46.77	4.23	74.0	-27.23	Peak	187.00	150	Vertical	Pass
6**	15746.437	38.48	4.23	54.0	-15.52	AV	187.00	150	Vertical	Pass

11ac20, Band 2A, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.500	39.83	-18.71	74.0	-34.17	Peak	163.00	150	Horizontal	Pass
1**	1062.500	30.09	-18.71	54.0	-23.91	AV	163.00	150	Horizontal	Pass
2	2833.500	45.18	-11.87	74.0	-28.82	Peak	263.00	150	Horizontal	Pass
2**	2833.500	35.45	-11.87	54.0	-18.55	AV	263.00	150	Horizontal	Pass
3	4071.400	47.53	-5.54	74.0	-26.47	Peak	128.00	150	Horizontal	Pass
3**	4071.400	37.52	-5.54	54.0	-16.48	AV	128.00	150	Horizontal	Pass
4	5321.400	110.03	-3.94	--	--	Peak	339.00	150	Horizontal	N/A
4**	5321.400	102.19	-3.94	--	--	AV	339.00	150	Horizontal	N/A
5	11650.600	50.80	-0.35	74.0	-23.20	Peak	274.00	150	Horizontal	Pass
5**	11650.600	41.46	-0.35	54.0	-12.54	AV	274.00	150	Horizontal	Pass
6	15646.687	46.98	5.42	74.0	-27.02	Peak	360.00	150	Horizontal	Pass
6**	15646.687	38.69	5.42	54.0	-15.31	AV	360.00	150	Horizontal	Pass

11ac20, Band 2A, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1089.100	39.11	-18.70	74.0	-34.89	Peak	263.00	150	Vertical	Pass
1**	1089.100	30.63	-18.70	54.0	-23.37	AV	263.00	150	Vertical	Pass
2	2836.900	44.66	-11.86	74.0	-29.34	Peak	360.00	150	Vertical	Pass
2**	2836.900	35.39	-11.86	54.0	-18.61	AV	360.00	150	Vertical	Pass
3	4099.400	47.10	-5.98	74.0	-26.90	Peak	261.00	150	Vertical	Pass
3**	4099.400	37.88	-5.98	54.0	-16.12	AV	261.00	150	Vertical	Pass
4	5318.600	97.46	-3.94	--	--	Peak	10.00	150	Vertical	N/A
4**	5318.600	88.64	-3.94	--	--	AV	10.00	150	Vertical	N/A
5	11590.513	51.50	-0.07	74.0	-22.50	Peak	209.00	150	Vertical	Pass
5**	11590.513	41.11	-0.07	54.0	-12.89	AV	209.00	150	Vertical	Pass
6	15722.812	46.90	4.48	74.0	-27.10	Peak	206.00	150	Vertical	Pass
6**	15722.812	38.80	4.48	54.0	-15.20	AV	206.00	150	Vertical	Pass

11ac40, Band 2A, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1186.100	37.77	-18.49	74.0	-36.23	Peak	15.00	150	Horizontal	Pass
1**	1186.100	27.98	-18.49	54.0	-26.02	AV	15.00	150	Horizontal	Pass
2	2777.800	42.82	-11.45	74.0	-31.18	Peak	338.00	150	Horizontal	Pass
2**	2777.800	33.64	-11.45	54.0	-20.36	AV	338.00	150	Horizontal	Pass
3	4018.800	47.14	-6.58	74.0	-26.86	Peak	96.00	150	Horizontal	Pass
3**	4018.800	37.61	-6.58	54.0	-16.39	AV	96.00	150	Horizontal	Pass
4	5266.000	107.57	-3.76	--	--	Peak	360.00	150	Horizontal	N/A
4**	5266.000	99.00	-3.76	--	--	AV	360.00	150	Horizontal	N/A
5	11620.412	50.82	-0.17	74.0	-23.18	Peak	138.00	150	Horizontal	Pass
5**	11620.412	41.46	-0.17	54.0	-12.54	AV	138.00	150	Horizontal	Pass
6	15704.438	47.23	4.51	74.0	-26.77	Peak	355.00	150	Horizontal	Pass
6**	15704.438	40.21	4.51	54.0	-13.79	AV	355.00	150	Horizontal	Pass

11ac40, Band 2A, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.400	38.31	-18.04	74.0	-35.69	Peak	337.00	150	Vertical	Pass
1**	1201.400	28.76	-18.04	54.0	-25.24	AV	337.00	150	Vertical	Pass
2	1594.600	40.80	-17.90	74.0	-33.20	Peak	223.00	150	Vertical	Pass
2**	1594.600	30.90	-17.90	54.0	-23.10	AV	223.00	150	Vertical	Pass
3	4080.400	47.12	-5.14	74.0	-26.88	Peak	132.00	150	Vertical	Pass
3**	4080.400	38.33	-5.14	54.0	-15.67	AV	132.00	150	Vertical	Pass
4	5267.400	92.63	-3.73	--	--	Peak	105.00	150	Vertical	N/A
4**	5267.400	84.86	-3.73	--	--	AV	105.00	150	Vertical	N/A
5	12102.263	51.88	-0.99	74.0	-22.12	Peak	142.00	150	Vertical	Pass
5**	12102.263	41.99	-0.99	54.0	-12.01	AV	142.00	150	Vertical	Pass
6	15730.688	47.76	4.35	74.0	-26.24	Peak	281.00	150	Vertical	Pass
6**	15730.688	40.03	4.35	54.0	-13.97	AV	281.00	150	Vertical	Pass

11ac40, Band 2A, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	38.42	-17.93	74.0	-35.58	Peak	234.00	150	Horizontal	Pass
1**	1332.100	28.40	-17.93	54.0	-25.60	AV	234.00	150	Horizontal	Pass
2	2786.700	42.52	-11.15	74.0	-31.48	Peak	335.00	150	Horizontal	Pass
2**	2786.700	34.16	-11.15	54.0	-19.84	AV	335.00	150	Horizontal	Pass
3	4099.800	47.01	-5.97	74.0	-26.99	Peak	314.00	150	Horizontal	Pass
3**	4099.800	37.24	-5.97	54.0	-16.76	AV	314.00	150	Horizontal	Pass
4	5305.200	107.96	-3.90	--	--	Peak	360.00	150	Horizontal	N/A
4**	5305.200	99.67	-3.90	--	--	AV	360.00	150	Horizontal	N/A
5	12265.275	52.47	0.05	74.0	-21.53	Peak	295.00	150	Horizontal	Pass
5**	12265.275	42.35	0.05	54.0	-11.65	AV	295.00	150	Horizontal	Pass
6	15621.750	46.77	4.96	74.0	-27.23	Peak	27.00	150	Horizontal	Pass
6**	15621.750	40.20	4.96	54.0	-13.80	AV	27.00	150	Horizontal	Pass

11ac40, Band 2A, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.300	39.78	-18.79	74.0	-34.22	Peak	309.00	150	Vertical	Pass
1**	1066.300	27.51	-18.79	54.0	-26.49	AV	309.00	150	Vertical	Pass
2	2802.100	42.38	-11.45	74.0	-31.62	Peak	228.00	150	Vertical	Pass
2**	2802.100	34.39	-11.45	54.0	-19.61	AV	228.00	150	Vertical	Pass
3	4045.200	47.13	-5.65	74.0	-26.87	Peak	170.00	150	Vertical	Pass
3**	4045.200	37.66	-5.65	54.0	-16.34	AV	170.00	150	Vertical	Pass
4	5308.200	92.62	-3.93	--	--	Peak	262.00	150	Vertical	N/A
4**	5308.200	85.05	-3.93	--	--	AV	262.00	150	Vertical	N/A
5	12105.138	51.68	-0.94	74.0	-22.32	Peak	0.00	150	Vertical	Pass
5**	12105.138	42.29	-0.94	54.0	-11.71	AV	0.00	150	Vertical	Pass
6	15599.438	47.13	4.28	74.0	-26.87	Peak	360.00	150	Vertical	Pass
6**	15599.438	39.23	4.28	54.0	-14.77	AV	360.00	150	Vertical	Pass

11ac80, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.300	37.80	-18.25	74.0	-36.20	Peak	332.00	150	Horizontal	Pass
1**	1199.300	28.46	-18.25	54.0	-25.54	AV	332.00	150	Horizontal	Pass
2	2784.000	42.53	-11.29	74.0	-31.47	Peak	247.00	150	Horizontal	Pass
2**	2784.000	34.00	-11.29	54.0	-20.00	AV	247.00	150	Horizontal	Pass
3	4086.000	46.78	-5.24	74.0	-27.22	Peak	87.00	150	Horizontal	Pass
3**	4086.000	38.13	-5.24	54.0	-15.87	AV	87.00	150	Horizontal	Pass
4	5294.800	104.59	-3.71	--	--	Peak	360.00	150	Horizontal	N/A
4**	5294.800	96.81	-3.71	--	--	AV	360.00	150	Horizontal	N/A
5	12207.487	50.83	-0.57	74.0	-23.17	Peak	50.00	150	Horizontal	Pass
5**	12207.487	41.78	-0.57	54.0	-12.22	AV	50.00	150	Horizontal	Pass
6	15504.938	47.83	5.19	74.0	-26.17	Peak	253.00	150	Horizontal	Pass
6**	15504.938	37.46	5.19	54.0	-16.54	AV	253.00	150	Horizontal	Pass

11ac80, Band 2A, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.200	38.25	-18.77	74.0	-35.75	Peak	288.00	150	Vertical	Pass
1**	1064.200	29.52	-18.77	54.0	-24.48	AV	288.00	150	Vertical	Pass
2	2779.100	42.77	-11.40	74.0	-31.23	Peak	346.00	150	Vertical	Pass
2**	2779.100	34.12	-11.40	54.0	-19.88	AV	346.00	150	Vertical	Pass
3	4110.000	47.27	-5.76	74.0	-26.73	Peak	293.00	150	Vertical	Pass
3**	4110.000	38.81	-5.76	54.0	-15.19	AV	293.00	150	Vertical	Pass
4	5270.200	90.05	-3.75	--	--	Peak	96.00	150	Vertical	N/A
4**	5270.200	81.25	-3.75	--	--	AV	96.00	150	Vertical	N/A
5	11651.750	51.47	-0.37	74.0	-22.53	Peak	342.00	150	Vertical	Pass
5**	11651.750	41.91	-0.37	54.0	-12.09	AV	342.00	150	Vertical	Pass
6	15851.437	46.52	4.30	74.0	-27.48	Peak	246.00	150	Vertical	Pass
6**	15851.437	39.45	4.30	54.0	-14.55	AV	246.00	150	Vertical	Pass

11a, Band 2C, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.300	38.09	-18.04	74.0	-35.91	Peak	8.00	150	Horizontal	Pass
1**	1201.300	29.46	-18.04	54.0	-24.54	AV	8.00	150	Horizontal	Pass
2	2836.900	42.47	-11.86	74.0	-31.53	Peak	209.00	150	Horizontal	Pass
2**	2836.900	33.58	-11.86	54.0	-20.42	AV	209.00	150	Horizontal	Pass
3	3666.800	50.06	-7.39	74.0	-23.94	Peak	288.00	150	Horizontal	Pass
3**	3666.800	48.18	-7.39	54.0	-5.82	AV	288.00	150	Horizontal	Pass
4	5504.000	109.29	-3.37	--	--	Peak	300.00	150	Horizontal	N/A
4**	5504.000	101.97	-3.37	--	--	AV	300.00	150	Horizontal	N/A
5	11649.738	51.21	-0.34	74.0	-22.79	Peak	130.00	150	Horizontal	Pass
5**	11649.738	41.25	-0.34	54.0	-12.75	AV	130.00	150	Horizontal	Pass
6	15724.125	47.21	4.45	74.0	-26.79	Peak	0.00	150	Horizontal	Pass
6**	15724.125	39.29	4.45	54.0	-14.71	AV	0.00	150	Horizontal	Pass

11a, Band 2C, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.500	39.28	-18.08	74.0	-34.72	Peak	346.00	150	Vertical	Pass
1**	1200.500	28.91	-18.08	54.0	-25.09	AV	346.00	150	Vertical	Pass
2	2789.600	43.80	-11.09	74.0	-30.20	Peak	90.00	150	Vertical	Pass
2**	2789.600	33.93	-11.09	54.0	-20.07	AV	90.00	150	Vertical	Pass
3	3667.000	44.85	-7.40	74.0	-29.15	Peak	64.00	150	Vertical	Pass
3**	3667.000	40.37	-7.40	54.0	-13.63	AV	64.00	150	Vertical	Pass
4	5498.600	93.78	-3.08	--	--	Peak	329.00	150	Vertical	N/A
4**	5498.600	86.90	-3.08	--	--	AV	329.00	150	Vertical	N/A
5	12095.938	51.71	-1.09	74.0	-22.29	Peak	181.00	150	Vertical	Pass
5**	12095.938	42.43	-1.09	54.0	-11.57	AV	181.00	150	Vertical	Pass
6	15620.437	46.59	4.93	74.0	-27.41	Peak	337.00	150	Vertical	Pass
6**	15620.437	39.01	4.93	54.0	-14.99	AV	337.00	150	Vertical	Pass

11a, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.400	37.75	-18.23	74.0	-36.25	Peak	326.00	150	Horizontal	Pass
1**	1197.400	27.97	-18.23	54.0	-26.03	AV	326.00	150	Horizontal	Pass
2	2774.300	43.02	-11.44	74.0	-30.98	Peak	113.00	150	Horizontal	Pass
2**	2774.300	33.45	-11.44	54.0	-20.55	AV	113.00	150	Horizontal	Pass
3	3720.200	50.81	-6.86	74.0	-23.19	Peak	319.00	150	Horizontal	Pass
3**	3720.200	49.05	-6.86	54.0	-4.95	AV	319.00	150	Horizontal	Pass
4	5580.800	110.56	-3.81	--	--	Peak	304.00	150	Horizontal	N/A
4**	5580.800	101.96	-3.81	--	--	AV	304.00	150	Horizontal	N/A
5	12173.275	51.78	-0.95	74.0	-22.22	Peak	360.00	150	Horizontal	Pass
5**	12173.275	42.24	-0.95	54.0	-11.76	AV	360.00	150	Horizontal	Pass
6	15474.750	47.51	5.57	74.0	-26.49	Peak	258.00	150	Horizontal	Pass
6**	15474.750	39.32	5.57	54.0	-14.68	AV	258.00	150	Horizontal	Pass

11a, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.500	38.45	-18.08	74.0	-35.55	Peak	360.00	150	Vertical	Pass
1**	1200.500	29.57	-18.08	54.0	-24.43	AV	360.00	150	Vertical	Pass
2	2800.800	43.08	-11.40	74.0	-30.92	Peak	89.00	150	Vertical	Pass
2**	2800.800	34.38	-11.40	54.0	-19.62	AV	89.00	150	Vertical	Pass
3	3720.000	44.61	-6.88	74.0	-29.39	Peak	195.00	150	Vertical	Pass
3**	3720.000	39.91	-6.88	54.0	-14.09	AV	195.00	150	Vertical	Pass
4	5583.400	94.67	-3.84	--	--	Peak	319.00	150	Vertical	N/A
4**	5583.400	86.88	-3.84	--	--	AV	319.00	150	Vertical	N/A
5	11584.474	51.33	-0.02	74.0	-22.67	Peak	173.00	150	Vertical	Pass
5**	11584.474	41.40	-0.02	54.0	-12.60	AV	173.00	150	Vertical	Pass
6	15478.688	47.12	5.56	74.0	-26.88	Peak	360.00	150	Vertical	Pass
6**	15478.688	38.84	5.56	54.0	-15.16	AV	360.00	150	Vertical	Pass

11a, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1523.500	38.30	-18.09	74.0	-35.70	Peak	225.00	150	Horizontal	Pass
1**	1523.500	28.05	-18.09	54.0	-25.95	AV	225.00	150	Horizontal	Pass
2	2790.600	43.21	-11.10	74.0	-30.79	Peak	132.00	150	Horizontal	Pass
2**	2790.600	33.21	-11.10	54.0	-20.79	AV	132.00	150	Horizontal	Pass
3	3800.200	50.83	-6.89	74.0	-23.17	Peak	325.00	150	Horizontal	Pass
3**	3800.200	50.16	-6.89	54.0	-3.84	AV	325.00	150	Horizontal	Pass
4	5701.800	105.75	-4.47	--	--	Peak	325.00	150	Horizontal	N/A
4**	5701.800	97.33	-4.47	--	--	AV	325.00	150	Horizontal	N/A
5	12015.438	51.20	-1.21	74.0	-22.80	Peak	150.00	150	Horizontal	Pass
5**	12015.438	41.80	-1.21	54.0	-12.20	AV	150.00	150	Horizontal	Pass
6	15734.625	46.65	4.29	74.0	-27.35	Peak	89.00	150	Horizontal	Pass
6**	15734.625	40.41	4.29	54.0	-13.59	AV	89.00	150	Horizontal	Pass

11a, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.900	38.92	-18.19	74.0	-35.08	Peak	21.00	150	Vertical	Pass
1**	1196.900	28.72	-18.19	54.0	-25.28	AV	21.00	150	Vertical	Pass
2	1333.200	40.50	-17.96	74.0	-33.50	Peak	117.00	150	Vertical	Pass
2**	1333.200	28.25	-17.96	54.0	-25.75	AV	117.00	150	Vertical	Pass
3	4077.200	48.24	-5.24	74.0	-25.76	Peak	94.00	150	Vertical	Pass
3**	4077.200	37.76	-5.24	54.0	-16.24	AV	94.00	150	Vertical	Pass
4	5702.400	88.72	-4.48	--	--	Peak	241.00	150	Vertical	N/A
4**	5702.400	80.62	-4.48	--	--	AV	241.00	150	Vertical	N/A
5	11683.088	51.18	-0.93	74.0	-22.82	Peak	161.00	150	Vertical	Pass
5**	11683.088	41.31	-0.93	54.0	-12.69	AV	161.00	150	Vertical	Pass
6	15624.375	46.69	5.02	74.0	-27.31	Peak	124.00	150	Vertical	Pass
6**	15624.375	38.16	5.02	54.0	-15.84	AV	124.00	150	Vertical	Pass

11a, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1385.400	38.41	-17.56	74.0	-35.59	Peak	236.00	150	Horizontal	Pass
1**	1385.400	28.65	-17.56	54.0	-25.35	AV	236.00	150	Horizontal	Pass
2	2784.000	43.35	-11.29	74.0	-30.65	Peak	319.00	150	Horizontal	Pass
2**	2784.000	33.85	-11.29	54.0	-20.15	AV	319.00	150	Horizontal	Pass
3	4234.800	47.78	-5.80	74.0	-26.22	Peak	0.00	150	Horizontal	Pass
3**	4234.800	37.77	-5.80	54.0	-16.23	AV	0.00	150	Horizontal	Pass
4	5721.600	105.17	-4.46	--	--	Peak	93.00	150	Horizontal	N/A
4**	5721.600	98.38	-4.46	--	--	AV	93.00	150	Horizontal	N/A
5	7356.788	48.35	-4.89	74.0	-25.65	Peak	348.00	150	Horizontal	Pass
5**	7356.788	40.63	-4.89	54.0	-13.37	AV	348.00	150	Horizontal	Pass
6	11622.425	51.47	-0.19	74.0	-22.53	Peak	330.00	150	Horizontal	Pass
6**	11622.425	42.36	-0.19	54.0	-11.64	AV	330.00	150	Horizontal	Pass

11a, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1335.000	37.87	-17.97	74.0	-36.13	Peak	322.00	150	Vertical	Pass
1**	1335.000	28.78	-17.97	54.0	-25.22	AV	322.00	150	Vertical	Pass
2	2792.200	42.75	-11.09	74.0	-31.25	Peak	27.00	150	Vertical	Pass
2**	2792.200	33.82	-11.09	54.0	-20.18	AV	27.00	150	Vertical	Pass
3	3934.000	46.92	-6.93	74.0	-27.08	Peak	62.00	150	Vertical	Pass
3**	3934.000	36.63	-6.93	54.0	-17.37	AV	62.00	150	Vertical	Pass
4	5721.600	91.98	-4.46	--	--	Peak	111.00	150	Vertical	N/A
4**	5721.600	84.49	-4.46	--	--	AV	111.00	150	Vertical	N/A
5	7446.488	49.55	-4.51	74.0	-24.45	Peak	222.00	150	Vertical	Pass
5**	7446.488	38.99	-4.51	54.0	-15.01	AV	222.00	150	Vertical	Pass
6	12016.300	51.35	-1.20	74.0	-22.65	Peak	349.00	150	Vertical	Pass
6**	12016.300	41.77	-1.20	54.0	-12.23	AV	349.00	150	Vertical	Pass

11n20, Band 2C, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.400	39.72	-18.04	74.0	-34.28	Peak	344.00	150	Horizontal	Pass
1**	1201.400	28.39	-18.04	54.0	-25.61	AV	344.00	150	Horizontal	Pass
2	2783.500	42.99	-11.29	74.0	-31.01	Peak	234.00	150	Horizontal	Pass
2**	2783.500	34.22	-11.29	54.0	-19.78	AV	234.00	150	Horizontal	Pass
3	3666.600	49.84	-7.38	74.0	-24.16	Peak	291.00	150	Horizontal	Pass
3**	3666.600	47.36	-7.38	54.0	-6.64	AV	291.00	150	Horizontal	Pass
4	5502.000	109.33	-3.25	--	--	Peak	291.00	150	Horizontal	N/A
4**	5502.000	101.22	-3.25	--	--	AV	291.00	150	Horizontal	N/A
5	11621.276	50.98	-0.18	74.0	-23.02	Peak	130.00	150	Horizontal	Pass
5**	11621.276	42.79	-0.18	54.0	-11.21	AV	130.00	150	Horizontal	Pass
6	15713.625	47.33	4.51	74.0	-26.67	Peak	0.00	150	Horizontal	Pass
6**	15713.625	39.74	4.51	54.0	-14.26	AV	0.00	150	Horizontal	Pass

11n20, Band 2C, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.100	38.58	-18.70	74.0	-35.42	Peak	298.00	150	Vertical	Pass
1**	1063.100	27.52	-18.70	54.0	-26.48	AV	298.00	150	Vertical	Pass
2	1335.700	39.42	-17.97	74.0	-34.58	Peak	0.00	150	Vertical	Pass
2**	1335.700	28.40	-17.97	54.0	-25.60	AV	0.00	150	Vertical	Pass
3	3667.000	46.61	-7.40	74.0	-27.39	Peak	170.00	150	Vertical	Pass
3**	3667.000	40.05	-7.40	54.0	-13.95	AV	170.00	150	Vertical	Pass
4	5500.600	94.16	-3.17	--	--	Peak	329.00	150	Vertical	N/A
4**	5500.600	86.22	-3.17	--	--	AV	329.00	150	Vertical	N/A
5	11650.600	50.58	-0.35	74.0	-23.42	Peak	303.00	150	Vertical	Pass
5**	11650.600	41.73	-0.35	54.0	-12.27	AV	303.00	150	Vertical	Pass
6	16028.625	48.06	4.96	74.0	-25.94	Peak	226.00	150	Vertical	Pass
6**	16028.625	38.66	4.96	54.0	-15.34	AV	226.00	150	Vertical	Pass

11n20, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1202.300	38.09	-18.06	74.0	-35.91	Peak	358.00	150	Horizontal	Pass
1**	1202.300	29.06	-18.06	54.0	-24.94	AV	358.00	150	Horizontal	Pass
2	2798.200	42.60	-11.42	74.0	-31.40	Peak	15.00	150	Horizontal	Pass
2**	2798.200	33.96	-11.42	54.0	-20.04	AV	15.00	150	Horizontal	Pass
3	3720.000	51.24	-6.88	74.0	-22.76	Peak	307.00	150	Horizontal	Pass
3**	3720.000	48.70	-6.88	54.0	-5.30	AV	307.00	150	Horizontal	Pass
4	5578.600	109.44	-3.72	--	--	Peak	0.00	150	Horizontal	N/A
4**	5578.600	101.23	-3.72	--	--	AV	0.00	150	Horizontal	N/A
5	11653.763	50.11	-0.39	74.0	-23.89	Peak	321.00	150	Horizontal	Pass
5**	11653.763	41.63	-0.39	54.0	-12.37	AV	321.00	150	Horizontal	Pass
6	15705.750	47.09	4.51	74.0	-26.91	Peak	215.00	150	Horizontal	Pass
6**	15705.750	38.87	4.51	54.0	-15.13	AV	215.00	150	Horizontal	Pass

11n20, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.900	37.59	-18.79	74.0	-36.41	Peak	268.00	150	Vertical	Pass
1**	1065.900	28.63	-18.79	54.0	-25.37	AV	268.00	150	Vertical	Pass
2	2799.500	43.03	-11.41	74.0	-30.97	Peak	113.00	150	Vertical	Pass
2**	2799.500	33.59	-11.41	54.0	-20.41	AV	113.00	150	Vertical	Pass
3	3734.400	45.81	-6.92	74.0	-28.19	Peak	78.00	150	Vertical	Pass
3**	3734.400	36.15	-6.92	54.0	-17.85	AV	78.00	150	Vertical	Pass
4	5578.000	94.47	-3.72	--	--	Peak	192.00	150	Vertical	N/A
4**	5578.000	86.15	-3.72	--	--	AV	192.00	150	Vertical	N/A
5	11622.713	51.49	-0.19	74.0	-22.51	Peak	212.00	150	Vertical	Pass
5**	11622.713	42.21	-0.19	54.0	-11.79	AV	212.00	150	Vertical	Pass
6	15630.937	47.16	5.17	74.0	-26.84	Peak	345.00	150	Vertical	Pass
6**	15630.937	39.68	5.17	54.0	-14.32	AV	345.00	150	Vertical	Pass

11n20, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.700	37.88	-18.04	74.0	-36.12	Peak	246.00	150	Horizontal	Pass
1**	1512.700	28.68	-18.04	54.0	-25.32	AV	246.00	150	Horizontal	Pass
2	2745.000	43.59	-11.80	74.0	-30.41	Peak	97.00	150	Horizontal	Pass
2**	2745.000	33.53	-11.80	54.0	-20.47	AV	97.00	150	Horizontal	Pass
3	3800.200	51.53	-6.89	74.0	-22.47	Peak	320.00	150	Horizontal	Pass
3**	3800.200	49.59	-6.89	54.0	-4.41	AV	320.00	150	Horizontal	Pass
4	5701.000	105.58	-4.48	--	--	Peak	320.00	150	Horizontal	N/A
4**	5701.000	97.76	-4.48	--	--	AV	320.00	150	Horizontal	N/A
5	11685.963	51.38	-0.90	74.0	-22.62	Peak	82.00	150	Horizontal	Pass
5**	11685.963	41.84	-0.90	54.0	-12.16	AV	82.00	150	Horizontal	Pass
6	15732.000	47.13	4.33	74.0	-26.87	Peak	222.00	150	Horizontal	Pass
6**	15732.000	39.12	4.33	54.0	-14.88	AV	222.00	150	Horizontal	Pass

11n20, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.200	36.88	-18.71	74.0	-37.12	Peak	300.00	150	Vertical	Pass
1**	1063.200	28.04	-18.71	54.0	-25.96	AV	300.00	150	Vertical	Pass
2	1329.600	39.94	-17.82	74.0	-34.06	Peak	135.00	150	Vertical	Pass
2**	1329.600	29.16	-17.82	54.0	-24.84	AV	135.00	150	Vertical	Pass
3	3800.600	46.58	-6.88	74.0	-27.42	Peak	80.00	150	Vertical	Pass
3**	3800.600	40.34	-6.88	54.0	-13.66	AV	80.00	150	Vertical	Pass
4	5701.200	88.67	-4.47	--	--	Peak	196.00	150	Vertical	N/A
4**	5701.200	80.57	-4.47	--	--	AV	196.00	150	Vertical	N/A
5	11626.162	51.41	-0.23	74.0	-22.59	Peak	136.00	150	Vertical	Pass
5**	11626.162	41.12	-0.23	54.0	-12.88	AV	136.00	150	Vertical	Pass
6	15716.250	47.20	4.52	74.0	-26.80	Peak	166.00	150	Vertical	Pass
6**	15716.250	39.36	4.52	54.0	-14.64	AV	166.00	150	Vertical	Pass

11n20, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.500	37.64	-18.04	74.0	-36.36	Peak	154.00	150	Horizontal	Pass
1**	1547.500	28.50	-18.04	54.0	-25.50	AV	154.00	150	Horizontal	Pass
2	2749.700	43.30	-11.71	74.0	-30.70	Peak	32.00	150	Horizontal	Pass
2**	2749.700	33.47	-11.71	54.0	-20.53	AV	32.00	150	Horizontal	Pass
3	4011.200	46.70	-6.57	74.0	-27.30	Peak	278.00	150	Horizontal	Pass
3**	4011.200	37.41	-6.57	54.0	-16.59	AV	278.00	150	Horizontal	Pass
4	5721.600	104.75	-4.46	--	--	Peak	113.00	150	Horizontal	N/A
4**	5721.600	97.94	-4.46	--	--	AV	113.00	150	Horizontal	N/A
5	7422.050	49.03	-4.06	74.0	-24.97	Peak	67.00	150	Horizontal	Pass
5**	7422.050	39.35	-4.06	54.0	-14.65	AV	67.00	150	Horizontal	Pass
6	12254.063	51.69	-0.04	74.0	-22.31	Peak	360.00	150	Horizontal	Pass
6**	12254.063	41.86	-0.04	54.0	-12.14	AV	360.00	150	Horizontal	Pass

11n20, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.900	38.35	-17.90	74.0	-35.65	Peak	208.00	150	Vertical	Pass
1**	1472.900	28.62	-17.90	54.0	-25.38	AV	208.00	150	Vertical	Pass
2	2797.800	43.09	-11.42	74.0	-30.91	Peak	93.00	150	Vertical	Pass
2**	2797.800	34.47	-11.42	54.0	-19.53	AV	93.00	150	Vertical	Pass
3	4101.800	47.94	-5.95	74.0	-26.06	Peak	0.00	150	Vertical	Pass
3**	4101.800	37.88	-5.95	54.0	-16.12	AV	0.00	150	Vertical	Pass
4	5719.400	91.42	-4.45	--	--	Peak	106.00	150	Vertical	N/A
4**	5719.400	84.10	-4.45	--	--	AV	106.00	150	Vertical	N/A
5	7425.500	48.72	-4.07	74.0	-25.28	Peak	52.00	150	Vertical	Pass
5**	7425.500	39.75	-4.07	54.0	-14.25	AV	52.00	150	Vertical	Pass
6	11732.250	50.98	-1.06	74.0	-23.02	Peak	144.00	150	Vertical	Pass
6**	11732.250	40.86	-1.06	54.0	-13.14	AV	144.00	150	Vertical	Pass

11n40, Band 2C, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1373.800	38.20	-17.86	74.0	-35.80	Peak	0.00	150	Horizontal	Pass
1**	1373.800	28.79	-17.86	54.0	-25.21	AV	0.00	150	Horizontal	Pass
2	2807.200	43.90	-11.54	74.0	-30.10	Peak	297.00	150	Horizontal	Pass
2**	2807.200	34.51	-11.54	54.0	-19.49	AV	297.00	150	Horizontal	Pass
3	3673.600	49.69	-7.65	74.0	-24.31	Peak	316.00	150	Horizontal	Pass
3**	3673.600	47.72	-7.65	54.0	-6.28	AV	316.00	150	Horizontal	Pass
4	5508.400	106.90	-3.55	--	--	Peak	303.00	150	Horizontal	N/A
4**	5508.400	99.60	-3.55	--	--	AV	303.00	150	Horizontal	N/A
5	12043.325	51.31	-1.50	74.0	-22.69	Peak	360.00	150	Horizontal	Pass
5**	12043.325	40.93	-1.50	54.0	-13.07	AV	360.00	150	Horizontal	Pass
6	15616.500	46.78	4.81	74.0	-27.22	Peak	178.00	150	Horizontal	Pass
6**	15616.500	38.82	4.81	54.0	-15.18	AV	178.00	150	Horizontal	Pass

11n40, Band 2C, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.800	37.61	-18.80	74.0	-36.39	Peak	307.00	150	Vertical	Pass
1**	1064.800	28.25	-18.80	54.0	-25.75	AV	307.00	150	Vertical	Pass
2	2799.400	43.63	-11.41	74.0	-30.37	Peak	5.00	150	Vertical	Pass
2**	2799.400	34.10	-11.41	54.0	-19.90	AV	5.00	150	Vertical	Pass
3	4272.800	48.07	-5.09	74.0	-25.93	Peak	0.00	150	Vertical	Pass
3**	4272.800	38.91	-5.09	54.0	-15.09	AV	0.00	150	Vertical	Pass
4	5513.800	92.28	-3.66	--	--	Peak	277.00	150	Vertical	N/A
4**	5513.800	85.08	-3.66	--	--	AV	277.00	150	Vertical	N/A
5	12103.412	51.94	-0.97	74.0	-22.06	Peak	170.00	150	Vertical	Pass
5**	12103.412	42.40	-0.97	54.0	-11.60	AV	170.00	150	Vertical	Pass
6	15737.250	46.85	4.25	74.0	-27.15	Peak	0.00	150	Vertical	Pass
6**	15737.250	39.28	4.25	54.0	-14.72	AV	0.00	150	Vertical	Pass

11n40, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1522.300	38.68	-18.08	74.0	-35.32	Peak	194.00	150	Horizontal	Pass
1**	1522.300	28.64	-18.08	54.0	-25.36	AV	194.00	150	Horizontal	Pass
2	2776.700	44.23	-11.44	74.0	-29.77	Peak	269.00	150	Horizontal	Pass
2**	2776.700	34.21	-11.44	54.0	-19.79	AV	269.00	150	Horizontal	Pass
3	3726.600	50.71	-6.67	74.0	-23.29	Peak	20.00	150	Horizontal	Pass
3**	3726.600	49.34	-6.67	54.0	-4.66	AV	20.00	150	Horizontal	Pass
4	5585.400	107.13	-3.85	--	--	Peak	310.00	150	Horizontal	N/A
4**	5585.400	99.98	-3.85	--	--	AV	310.00	150	Horizontal	N/A
5	11624.438	50.95	-0.21	74.0	-23.05	Peak	360.00	150	Horizontal	Pass
5**	11624.438	42.59	-0.21	54.0	-11.41	AV	360.00	150	Horizontal	Pass
6	15627.000	47.28	5.08	74.0	-26.72	Peak	0.00	150	Horizontal	Pass
6**	15627.000	39.25	5.08	54.0	-14.75	AV	0.00	150	Horizontal	Pass

11n40, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.300	37.81	-18.73	74.0	-36.19	Peak	357.00	150	Vertical	Pass
1**	1062.300	28.18	-18.73	54.0	-25.82	AV	357.00	150	Vertical	Pass
2	1328.000	41.77	-17.77	74.0	-32.23	Peak	132.00	150	Vertical	Pass
2**	1328.000	32.23	-17.77	54.0	-21.77	AV	132.00	150	Vertical	Pass
3	4033.200	47.28	-5.87	74.0	-26.72	Peak	91.00	150	Vertical	Pass
3**	4033.200	37.48	-5.87	54.0	-16.52	AV	91.00	150	Vertical	Pass
4	5591.400	92.92	-3.88	--	--	Peak	277.00	150	Vertical	N/A
4**	5591.400	83.42	-3.88	--	--	AV	277.00	150	Vertical	N/A
5	11623.287	51.16	-0.20	74.0	-22.84	Peak	259.00	150	Vertical	Pass
5**	11623.287	42.61	-0.20	54.0	-11.39	AV	259.00	150	Vertical	Pass
6	15630.937	46.98	5.17	74.0	-27.02	Peak	123.00	150	Vertical	Pass
6**	15630.937	39.20	5.17	54.0	-14.80	AV	123.00	150	Vertical	Pass

11n40, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.800	38.31	-18.10	74.0	-35.69	Peak	121.00	150	Horizontal	Pass
1**	1530.800	28.21	-18.10	54.0	-25.79	AV	121.00	150	Horizontal	Pass
2	2783.400	43.19	-11.29	74.0	-30.81	Peak	21.00	150	Horizontal	Pass
2**	2783.400	33.86	-11.29	54.0	-20.14	AV	21.00	150	Horizontal	Pass
3	3780.200	51.31	-7.15	74.0	-22.69	Peak	360.00	150	Horizontal	Pass
3**	3780.200	49.67	-7.15	54.0	-4.33	AV	360.00	150	Horizontal	Pass
4	5674.200	107.04	-4.01	--	--	Peak	293.00	150	Horizontal	N/A
4**	5674.200	99.39	-4.01	--	--	AV	293.00	150	Horizontal	N/A
5	11625.588	50.76	-0.22	74.0	-23.24	Peak	56.00	150	Horizontal	Pass
5**	11625.588	41.28	-0.22	54.0	-12.72	AV	56.00	150	Horizontal	Pass
6	15640.125	46.95	5.38	74.0	-27.05	Peak	307.00	150	Horizontal	Pass
6**	15640.125	38.29	5.38	54.0	-15.71	AV	307.00	150	Horizontal	Pass

11n40, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.600	37.55	-18.80	74.0	-36.45	Peak	264.00	150	Vertical	Pass
1**	1065.600	30.97	-18.80	54.0	-23.03	AV	264.00	150	Vertical	Pass
2	1330.800	39.67	-17.88	74.0	-34.33	Peak	124.00	150	Vertical	Pass
2**	1330.800	28.25	-17.88	54.0	-25.75	AV	124.00	150	Vertical	Pass
3	3780.000	47.74	-7.15	74.0	-26.26	Peak	323.00	150	Vertical	Pass
3**	3780.000	42.76	-7.15	54.0	-11.24	AV	323.00	150	Vertical	Pass
4	5672.800	94.67	-3.96	--	--	Peak	336.00	150	Vertical	N/A
4**	5672.800	86.34	-3.96	--	--	AV	336.00	150	Vertical	N/A
5	12104.563	51.14	-0.95	74.0	-22.86	Peak	233.00	150	Vertical	Pass
5**	12104.563	42.09	-0.95	54.0	-11.91	AV	233.00	150	Vertical	Pass
6	16044.375	47.57	4.86	74.0	-26.43	Peak	76.00	150	Vertical	Pass
6**	16044.375	38.24	4.86	54.0	-15.76	AV	76.00	150	Vertical	Pass

11n40, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.300	38.77	-18.05	74.0	-35.23	Peak	5.00	150	Horizontal	Pass
1**	1526.300	28.83	-18.05	54.0	-25.17	AV	5.00	150	Horizontal	Pass
2	2752.300	42.97	-11.62	74.0	-31.03	Peak	31.00	150	Horizontal	Pass
2**	2752.300	32.76	-11.62	54.0	-21.24	AV	31.00	150	Horizontal	Pass
3	4109.000	47.32	-5.85	74.0	-26.68	Peak	9.00	150	Horizontal	Pass
3**	4109.000	37.77	-5.85	54.0	-16.23	AV	9.00	150	Horizontal	Pass
4	5710.400	103.62	-4.12	--	--	Peak	120.00	150	Horizontal	N/A
4**	5710.400	95.07	-4.12	--	--	AV	120.00	150	Horizontal	N/A
5	7687.125	48.16	-4.19	74.0	-25.84	Peak	185.00	150	Horizontal	Pass
5**	7687.125	38.74	-4.19	54.0	-15.26	AV	185.00	150	Horizontal	Pass
6	11846.963	51.72	-1.59	74.0	-22.28	Peak	30.00	150	Horizontal	Pass
6**	11846.963	40.75	-1.59	54.0	-13.25	AV	30.00	150	Horizontal	Pass

11n40, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1336.600	37.88	-17.96	74.0	-36.12	Peak	360.00	150	Vertical	Pass
1**	1336.600	28.05	-17.96	54.0	-25.95	AV	360.00	150	Vertical	Pass
2	2794.100	43.02	-11.17	74.0	-30.98	Peak	248.00	150	Vertical	Pass
2**	2794.100	33.07	-11.17	54.0	-20.93	AV	248.00	150	Vertical	Pass
3	4169.000	47.30	-5.45	74.0	-26.70	Peak	322.00	150	Vertical	Pass
3**	4169.000	38.37	-5.45	54.0	-15.63	AV	322.00	150	Vertical	Pass
4	5711.400	89.60	-4.15	--	--	Peak	322.00	150	Vertical	N/A
4**	5711.400	82.25	-4.15	--	--	AV	322.00	150	Vertical	N/A
5	7425.500	48.53	-4.07	74.0	-25.47	Peak	209.00	150	Vertical	Pass
5**	7425.500	40.10	-4.07	54.0	-13.90	AV	209.00	150	Vertical	Pass
6	11348.150	50.41	-1.68	74.0	-23.59	Peak	343.00	150	Vertical	Pass
6**	11348.150	39.96	-1.68	54.0	-14.04	AV	343.00	150	Vertical	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.100	37.67	-17.93	74.0	-36.33	Peak	260.00	150	Horizontal	Pass
1**	1475.100	28.85	-17.93	54.0	-25.15	AV	260.00	150	Horizontal	Pass
2	2793.100	43.18	-11.12	74.0	-30.82	Peak	295.00	150	Horizontal	Pass
2**	2793.100	33.35	-11.12	54.0	-20.65	AV	295.00	150	Horizontal	Pass
3	3666.800	50.98	-7.39	74.0	-23.02	Peak	311.00	150	Horizontal	Pass
3**	3666.800	48.12	-7.39	54.0	-5.88	AV	311.00	150	Horizontal	Pass
4	5503.200	109.40	-3.32	--	--	Peak	298.00	150	Horizontal	N/A
4**	5503.200	101.49	-3.32	--	--	AV	298.00	150	Horizontal	N/A
5	12068.338	51.55	-1.43	74.0	-22.45	Peak	218.00	150	Horizontal	Pass
5**	12068.338	41.08	-1.43	54.0	-12.92	AV	218.00	150	Horizontal	Pass
6	15851.437	47.79	4.30	74.0	-26.21	Peak	207.00	150	Horizontal	Pass
6**	15851.437	39.29	4.30	54.0	-14.71	AV	207.00	150	Horizontal	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.300	37.57	-18.77	74.0	-36.43	Peak	306.00	150	Vertical	Pass
1**	1064.300	29.08	-18.77	54.0	-24.92	AV	306.00	150	Vertical	Pass
2	1328.200	39.02	-17.77	74.0	-34.98	Peak	127.00	150	Vertical	Pass
2**	1328.200	29.09	-17.77	54.0	-24.91	AV	127.00	150	Vertical	Pass
3	4360.000	48.85	-5.74	74.0	-25.15	Peak	350.00	150	Vertical	Pass
3**	4360.000	38.85	-5.74	54.0	-15.15	AV	350.00	150	Vertical	Pass
4	5494.400	92.83	-3.00	--	--	Peak	11.00	150	Vertical	N/A
4**	5494.400	84.81	-3.00	--	--	AV	11.00	150	Vertical	N/A
5	11624.724	51.67	-0.21	74.0	-22.33	Peak	199.00	150	Vertical	Pass
5**	11624.724	42.29	-0.21	54.0	-11.71	AV	199.00	150	Vertical	Pass
6	15699.188	46.57	4.53	74.0	-27.43	Peak	347.00	150	Vertical	Pass
6**	15699.188	39.14	4.53	54.0	-14.86	AV	347.00	150	Vertical	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.300	38.30	-17.87	74.0	-35.70	Peak	152.00	150	Horizontal	Pass
1**	1577.300	29.06	-17.87	54.0	-24.94	AV	152.00	150	Horizontal	Pass
2	2765.500	43.24	-11.57	74.0	-30.76	Peak	5.00	150	Horizontal	Pass
2**	2765.500	33.98	-11.57	54.0	-20.02	AV	5.00	150	Horizontal	Pass
3	3720.200	50.16	-6.86	74.0	-23.84	Peak	29.00	150	Horizontal	Pass
3**	3720.200	49.35	-6.86	54.0	-4.65	AV	29.00	150	Horizontal	Pass
4	5581.400	109.14	-3.83	--	--	Peak	298.00	150	Horizontal	N/A
4**	5581.400	101.92	-3.83	--	--	AV	298.00	150	Horizontal	N/A
5	11658.362	51.17	-0.45	74.0	-22.83	Peak	69.00	150	Horizontal	Pass
5**	11658.362	41.16	-0.45	54.0	-12.84	AV	69.00	150	Horizontal	Pass
6	15704.438	47.69	4.51	74.0	-26.31	Peak	360.00	150	Horizontal	Pass
6**	15704.438	38.78	4.51	54.0	-15.22	AV	360.00	150	Horizontal	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.000	38.00	-18.80	74.0	-36.00	Peak	296.00	150	Vertical	Pass
1**	1065.000	30.91	-18.80	54.0	-23.09	AV	296.00	150	Vertical	Pass
2	1332.800	41.64	-17.96	74.0	-32.36	Peak	127.00	150	Vertical	Pass
2**	1332.800	30.52	-17.96	54.0	-23.48	AV	127.00	150	Vertical	Pass
3	4091.000	47.04	-5.57	74.0	-26.96	Peak	360.00	150	Vertical	Pass
3**	4091.000	37.82	-5.57	54.0	-16.18	AV	360.00	150	Vertical	Pass
4	5583.000	93.67	-3.85	--	--	Peak	337.00	150	Vertical	N/A
4**	5583.000	86.22	-3.85	--	--	AV	337.00	150	Vertical	N/A
5	11418.013	50.93	-1.26	74.0	-23.07	Peak	57.00	150	Vertical	Pass
5**	11418.013	41.54	-1.26	54.0	-12.46	AV	57.00	150	Vertical	Pass
6	15767.437	46.92	4.38	74.0	-27.08	Peak	262.00	150	Vertical	Pass
6**	15767.437	37.96	4.38	54.0	-16.04	AV	262.00	150	Vertical	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.800	38.34	-17.92	74.0	-35.66	Peak	105.00	150	Horizontal	Pass
1**	1575.800	29.25	-17.92	54.0	-24.75	AV	105.00	150	Horizontal	Pass
2	2770.800	43.56	-11.50	74.0	-30.44	Peak	163.00	150	Horizontal	Pass
2**	2770.800	34.37	-11.50	54.0	-19.63	AV	163.00	150	Horizontal	Pass
3	3800.000	51.46	-6.89	74.0	-22.54	Peak	313.00	150	Horizontal	Pass
3**	3800.000	49.60	-6.89	54.0	-4.40	AV	313.00	150	Horizontal	Pass
4	5703.200	105.05	-4.50	--	--	Peak	301.00	150	Horizontal	N/A
4**	5703.200	97.59	-4.50	--	--	AV	301.00	150	Horizontal	N/A
5	11708.963	51.00	-0.79	74.0	-23.00	Peak	51.00	150	Horizontal	Pass
5**	11708.963	40.95	-0.79	54.0	-13.05	AV	51.00	150	Horizontal	Pass
6	15739.875	47.76	4.21	74.0	-26.24	Peak	286.00	150	Horizontal	Pass
6**	15739.875	40.23	4.21	54.0	-13.77	AV	286.00	150	Horizontal	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.900	38.33	-18.80	74.0	-35.67	Peak	306.00	150	Vertical	Pass
1**	1064.900	30.73	-18.80	54.0	-23.27	AV	306.00	150	Vertical	Pass
2	1328.300	39.17	-17.77	74.0	-34.83	Peak	135.00	150	Vertical	Pass
2**	1328.300	28.75	-17.77	54.0	-25.25	AV	135.00	150	Vertical	Pass
3	3799.800	46.98	-6.90	74.0	-27.02	Peak	260.00	150	Vertical	Pass
3**	3799.800	40.49	-6.90	54.0	-13.51	AV	260.00	150	Vertical	Pass
4	5696.000	88.35	-4.30	--	--	Peak	197.00	150	Vertical	N/A
4**	5696.000	79.94	-4.30	--	--	AV	197.00	150	Vertical	N/A
5	11574.125	51.07	0.05	74.0	-22.93	Peak	345.00	150	Vertical	Pass
5**	11574.125	41.09	0.05	54.0	-12.91	AV	345.00	150	Vertical	Pass
6	15707.062	47.09	4.51	74.0	-26.91	Peak	304.00	150	Vertical	Pass
6**	15707.062	38.87	4.51	54.0	-15.13	AV	304.00	150	Vertical	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.500	38.30	-17.98	74.0	-35.70	Peak	269.00	150	Horizontal	Pass
1**	1584.500	28.65	-17.98	54.0	-25.35	AV	269.00	150	Horizontal	Pass
2	2803.800	43.26	-11.53	74.0	-30.74	Peak	117.00	150	Horizontal	Pass
2**	2803.800	33.70	-11.53	54.0	-20.30	AV	117.00	150	Horizontal	Pass
3	4245.000	48.07	-5.72	74.0	-25.93	Peak	312.00	150	Horizontal	Pass
3**	4245.000	38.15	-5.72	54.0	-15.85	AV	312.00	150	Horizontal	Pass
4	5722.400	104.90	-4.48	--	--	Peak	94.00	150	Horizontal	N/A
4**	5722.400	97.75	-4.48	--	--	AV	94.00	150	Horizontal	N/A
5	7359.950	48.66	-4.90	74.0	-25.34	Peak	54.00	150	Horizontal	Pass
5**	7359.950	39.26	-4.90	54.0	-14.74	AV	54.00	150	Horizontal	Pass
6	12245.437	51.70	-0.20	74.0	-22.30	Peak	20.00	150	Horizontal	Pass
6**	12245.437	42.55	-0.20	54.0	-11.45	AV	20.00	150	Horizontal	Pass

11ac20, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.200	38.51	-17.94	74.0	-35.49	Peak	206.00	150	Vertical	Pass
1**	1590.200	28.40	-17.94	54.0	-25.60	AV	206.00	150	Vertical	Pass
2	2765.400	42.91	-11.57	74.0	-31.09	Peak	7.00	150	Vertical	Pass
2**	2765.400	33.50	-11.57	54.0	-20.50	AV	7.00	150	Vertical	Pass
3	4286.200	48.19	-5.13	74.0	-25.81	Peak	271.00	150	Vertical	Pass
3**	4286.200	38.76	-5.13	54.0	-15.24	AV	271.00	150	Vertical	Pass
4	5722.400	92.16	-4.48	--	--	Peak	331.00	150	Vertical	N/A
4**	5722.400	84.79	-4.48	--	--	AV	331.00	150	Vertical	N/A
5	7529.862	47.86	-4.24	74.0	-26.14	Peak	205.00	150	Vertical	Pass
5**	7529.862	39.35	-4.24	54.0	-14.65	AV	205.00	150	Vertical	Pass
6	11624.438	51.16	-0.21	74.0	-22.84	Peak	0.00	150	Vertical	Pass
6**	11624.438	41.58	-0.21	54.0	-12.42	AV	0.00	150	Vertical	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.200	38.16	-17.96	74.0	-35.84	Peak	43.00	150	Horizontal	Pass
1**	1557.200	28.00	-17.96	54.0	-26.00	AV	43.00	150	Horizontal	Pass
2	2788.900	42.59	-11.08	74.0	-31.41	Peak	192.00	150	Horizontal	Pass
2**	2788.900	33.63	-11.08	54.0	-20.37	AV	192.00	150	Horizontal	Pass
3	3673.400	49.80	-7.63	74.0	-24.20	Peak	314.00	150	Horizontal	Pass
3**	3673.400	47.70	-7.63	54.0	-6.30	AV	314.00	150	Horizontal	Pass
4	5503.000	107.00	-3.31	--	--	Peak	300.00	150	Horizontal	N/A
4**	5503.000	98.83	-3.31	--	--	AV	300.00	150	Horizontal	N/A
5	11583.037	50.95	-0.01	74.0	-23.05	Peak	68.00	150	Horizontal	Pass
5**	11583.037	41.85	-0.01	54.0	-12.15	AV	68.00	150	Horizontal	Pass
6	15611.250	47.28	4.64	74.0	-26.72	Peak	200.00	150	Horizontal	Pass
6**	15611.250	39.31	4.64	54.0	-14.69	AV	200.00	150	Horizontal	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.400	38.21	-18.80	74.0	-35.79	Peak	299.00	150	Vertical	Pass
1**	1065.400	27.01	-18.80	54.0	-26.99	AV	299.00	150	Vertical	Pass
2	1330.200	39.20	-17.85	74.0	-34.80	Peak	142.00	150	Vertical	Pass
2**	1330.200	30.43	-17.85	54.0	-23.57	AV	142.00	150	Vertical	Pass
3	4138.400	47.35	-6.21	74.0	-26.65	Peak	85.00	150	Vertical	Pass
3**	4138.400	36.55	-6.21	54.0	-17.45	AV	85.00	150	Vertical	Pass
4	5514.600	90.85	-3.67	--	--	Peak	277.00	150	Vertical	N/A
4**	5514.600	82.56	-3.67	--	--	AV	277.00	150	Vertical	N/A
5	11591.950	51.66	-0.08	74.0	-22.34	Peak	67.00	150	Vertical	Pass
5**	11591.950	42.73	-0.08	54.0	-11.27	AV	67.00	150	Vertical	Pass
6	15712.312	48.07	4.51	74.0	-25.93	Peak	120.00	150	Vertical	Pass
6**	15712.312	39.95	4.51	54.0	-14.05	AV	120.00	150	Vertical	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	39.40	-17.80	74.0	-34.60	Peak	222.00	150	Horizontal	Pass
1**	1329.100	30.94	-17.80	54.0	-23.06	AV	222.00	150	Horizontal	Pass
2	2819.600	43.38	-11.73	74.0	-30.62	Peak	332.00	150	Horizontal	Pass
2**	2819.600	33.66	-11.73	54.0	-20.34	AV	332.00	150	Horizontal	Pass
3	3726.800	49.93	-6.66	74.0	-24.07	Peak	312.00	150	Horizontal	Pass
3**	3726.800	48.97	-6.66	54.0	-5.03	AV	312.00	150	Horizontal	Pass
4	5591.600	107.68	-3.90	--	--	Peak	300.00	150	Horizontal	N/A
4**	5591.600	99.39	-3.90	--	--	AV	300.00	150	Horizontal	N/A
5	12040.450	51.19	-1.50	74.0	-22.81	Peak	217.00	150	Horizontal	Pass
5**	12040.450	41.36	-1.50	54.0	-12.64	AV	217.00	150	Horizontal	Pass
6	15718.875	46.93	4.52	74.0	-27.07	Peak	270.00	150	Horizontal	Pass
6**	15718.875	40.03	4.52	54.0	-13.97	AV	270.00	150	Horizontal	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.600	38.47	-18.80	74.0	-35.53	Peak	302.00	150	Vertical	Pass
1**	1065.600	27.03	-18.80	54.0	-26.97	AV	302.00	150	Vertical	Pass
2	1328.300	40.52	-17.77	74.0	-33.48	Peak	132.00	150	Vertical	Pass
2**	1328.300	33.88	-17.77	54.0	-20.12	AV	132.00	150	Vertical	Pass
3	4122.000	46.96	-5.71	74.0	-27.04	Peak	351.00	150	Vertical	Pass
3**	4122.000	37.58	-5.71	54.0	-16.42	AV	351.00	150	Vertical	Pass
4	5592.000	91.99	-3.93	--	--	Peak	336.00	150	Vertical	N/A
4**	5592.000	84.27	-3.93	--	--	AV	336.00	150	Vertical	N/A
5	11666.413	50.93	-0.63	74.0	-23.07	Peak	0.00	150	Vertical	Pass
5**	11666.413	41.53	-0.63	54.0	-12.47	AV	0.00	150	Vertical	Pass
6	15704.438	46.56	4.51	74.0	-27.44	Peak	196.00	150	Vertical	Pass
6**	15704.438	39.19	4.51	54.0	-14.81	AV	196.00	150	Vertical	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.400	38.15	-17.92	74.0	-35.85	Peak	146.00	150	Horizontal	Pass
1**	1496.400	29.27	-17.92	54.0	-24.73	AV	146.00	150	Horizontal	Pass
2	2770.400	43.78	-11.51	74.0	-30.22	Peak	0.00	150	Horizontal	Pass
2**	2770.400	33.52	-11.51	54.0	-20.48	AV	0.00	150	Horizontal	Pass
3	3780.200	52.26	-7.15	74.0	-21.74	Peak	317.00	150	Horizontal	Pass
3**	3780.200	50.74	-7.15	54.0	-3.26	AV	317.00	150	Horizontal	Pass
4	5673.200	103.05	-3.98	--	--	Peak	300.00	150	Horizontal	N/A
4**	5673.200	95.67	-3.98	--	--	AV	300.00	150	Horizontal	N/A
5	11588.500	51.94	-0.05	74.0	-22.06	Peak	18.00	150	Horizontal	Pass
5**	11588.500	41.84	-0.05	54.0	-12.16	AV	18.00	150	Horizontal	Pass
6	15707.062	47.43	4.51	74.0	-26.57	Peak	360.00	150	Horizontal	Pass
6**	15707.062	39.25	4.51	54.0	-14.75	AV	360.00	150	Horizontal	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.100	38.15	-18.20	74.0	-35.85	Peak	77.00	150	Vertical	Pass
1**	1197.100	28.20	-18.20	54.0	-25.80	AV	77.00	150	Vertical	Pass
2	1328.100	39.27	-17.77	74.0	-34.73	Peak	121.00	150	Vertical	Pass
2**	1328.100	31.14	-17.77	54.0	-22.86	AV	121.00	150	Vertical	Pass
3	3780.200	48.55	-7.15	74.0	-25.45	Peak	333.00	150	Vertical	Pass
3**	3780.200	43.14	-7.15	54.0	-10.86	AV	333.00	150	Vertical	Pass
4	5671.600	88.74	-3.92	--	--	Peak	211.00	150	Vertical	N/A
4**	5671.600	80.43	-3.92	--	--	AV	211.00	150	Vertical	N/A
5	12187.650	51.29	-0.89	74.0	-22.71	Peak	172.00	150	Vertical	Pass
5**	12187.650	42.06	-0.89	54.0	-11.94	AV	172.00	150	Vertical	Pass
6	15793.688	47.35	4.26	74.0	-26.65	Peak	274.00	150	Vertical	Pass
6**	15793.688	38.68	4.26	54.0	-15.32	AV	274.00	150	Vertical	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1571.300	37.42	-18.01	74.0	-36.58	Peak	133.00	150	Horizontal	Pass
1**	1571.300	28.88	-18.01	54.0	-25.12	AV	133.00	150	Horizontal	Pass
2	2816.500	43.02	-11.75	74.0	-30.98	Peak	360.00	150	Horizontal	Pass
2**	2816.500	33.73	-11.75	54.0	-20.27	AV	360.00	150	Horizontal	Pass
3	4123.600	47.08	-5.80	74.0	-26.92	Peak	89.00	150	Horizontal	Pass
3**	4123.600	37.60	-5.80	54.0	-16.40	AV	89.00	150	Horizontal	Pass
4	5710.400	103.68	-3.89	--	--	Peak	100.00	150	Horizontal	N/A
4**	5710.400	95.78	-3.89	--	--	AV	100.00	150	Horizontal	N/A
5	7443.038	47.65	-4.33	74.0	-26.35	Peak	314.00	150	Horizontal	Pass
5**	7443.038	39.74	-4.33	54.0	-14.26	AV	314.00	150	Horizontal	Pass
6	11576.713	51.63	0.04	74.0	-22.37	Peak	207.00	150	Horizontal	Pass
6**	11576.713	41.12	0.04	54.0	-12.88	AV	207.00	150	Horizontal	Pass

11ac40, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1551.900	37.97	-17.95	74.0	-36.03	Peak	180.00	150	Vertical	Pass
1**	1551.900	28.45	-17.95	54.0	-25.55	AV	180.00	150	Vertical	Pass
2	2806.800	42.76	-11.55	74.0	-31.24	Peak	26.00	150	Vertical	Pass
2**	2806.800	33.33	-11.55	54.0	-20.67	AV	26.00	150	Vertical	Pass
3	3944.600	47.10	-6.90	74.0	-26.90	Peak	266.00	150	Vertical	Pass
3**	3944.600	36.76	-6.90	54.0	-17.24	AV	266.00	150	Vertical	Pass
4	5714.600	89.15	-4.03	--	--	Peak	302.00	150	Vertical	N/A
4**	5714.600	81.63	-4.03	--	--	AV	302.00	150	Vertical	N/A
5	7530.725	48.07	-4.24	74.0	-25.93	Peak	138.00	150	Vertical	Pass
5**	7530.725	39.21	-4.24	54.0	-14.79	AV	138.00	150	Vertical	Pass
6	12020.612	51.49	-1.18	74.0	-22.51	Peak	226.00	150	Vertical	Pass
6**	12020.612	42.05	-1.18	54.0	-11.95	AV	226.00	150	Vertical	Pass

11ac80, Band 2C, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1577.900	38.77	-17.88	74.0	-35.23	Peak	5.00	150	Horizontal	Pass
1**	1577.900	28.84	-17.88	54.0	-25.16	AV	5.00	150	Horizontal	Pass
2	2801.400	42.84	-11.42	74.0	-31.16	Peak	111.00	150	Horizontal	Pass
2**	2801.400	33.78	-11.42	54.0	-20.22	AV	111.00	150	Horizontal	Pass
3	3686.800	50.75	-8.09	74.0	-23.25	Peak	315.00	150	Horizontal	Pass
3**	3686.800	48.93	-8.09	54.0	-5.07	AV	315.00	150	Horizontal	Pass
4	5522.400	104.22	-3.78	--	--	Peak	315.00	150	Horizontal	N/A
4**	5522.400	96.76	-3.78	--	--	AV	315.00	150	Horizontal	N/A
5	11009.762	50.20	-1.85	74.0	-23.80	Peak	66.00	150	Horizontal	Pass
5**	11009.762	40.32	-1.85	54.0	-13.68	AV	66.00	150	Horizontal	Pass
6	15721.500	47.34	4.50	74.0	-26.66	Peak	23.00	150	Horizontal	Pass
6**	15721.500	38.96	4.50	54.0	-15.04	AV	23.00	150	Horizontal	Pass

11ac80, Band 2C, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1076.500	37.11	-18.70	74.0	-36.89	Peak	325.00	150	Vertical	Pass
1**	1076.500	27.79	-18.70	54.0	-26.21	AV	325.00	150	Vertical	Pass
2	1331.600	40.23	-17.91	74.0	-33.77	Peak	138.00	150	Vertical	Pass
2**	1331.600	32.91	-17.91	54.0	-21.09	AV	138.00	150	Vertical	Pass
3	3687.000	45.77	-8.09	74.0	-28.23	Peak	139.00	150	Vertical	Pass
3**	3687.000	40.39	-8.09	54.0	-13.61	AV	139.00	150	Vertical	Pass
4	5552.600	87.75	-3.70	--	--	Peak	266.00	150	Vertical	N/A
4**	5552.600	78.24	-3.70	--	--	AV	266.00	150	Vertical	N/A
5	12068.050	51.23	-1.43	74.0	-22.77	Peak	55.00	150	Vertical	Pass
5**	12068.050	41.48	-1.43	54.0	-12.52	AV	55.00	150	Vertical	Pass
6	15705.750	47.01	4.51	74.0	-26.99	Peak	0.00	150	Vertical	Pass
6**	15705.750	39.31	4.51	54.0	-14.69	AV	0.00	150	Vertical	Pass

11ac80, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1510.700	38.11	-18.07	74.0	-35.89	Peak	308.00	150	Horizontal	Pass
1**	1510.700	28.64	-18.07	54.0	-25.36	AV	308.00	150	Horizontal	Pass
2	2834.900	43.64	-11.82	74.0	-30.36	Peak	108.00	150	Horizontal	Pass
2**	2834.900	34.14	-11.82	54.0	-19.86	AV	108.00	150	Horizontal	Pass
3	3740.200	51.41	-7.33	74.0	-22.59	Peak	314.00	150	Horizontal	Pass
3**	3740.200	48.88	-7.33	54.0	-5.12	AV	314.00	150	Horizontal	Pass
4	5611.800	104.20	-3.87	--	--	Peak	302.00	150	Horizontal	N/A
4**	5611.800	96.07	-3.87	--	--	AV	302.00	150	Horizontal	N/A
5	11682.800	51.86	-0.93	74.0	-22.14	Peak	222.00	150	Horizontal	Pass
5**	11682.800	41.22	-0.93	54.0	-12.78	AV	222.00	150	Horizontal	Pass
6	15738.563	47.39	4.23	74.0	-26.61	Peak	171.00	150	Horizontal	Pass
6**	15738.563	39.01	4.23	54.0	-14.99	AV	171.00	150	Horizontal	Pass

11ac80, Band 2C, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.400	36.48	-18.80	74.0	-37.52	Peak	258.00	150	Vertical	Pass
1**	1065.400	27.77	-18.80	54.0	-26.23	AV	258.00	150	Vertical	Pass
2	1330.100	38.67	-17.84	74.0	-35.33	Peak	126.00	150	Vertical	Pass
2**	1330.100	28.70	-17.84	54.0	-25.30	AV	126.00	150	Vertical	Pass
3	3739.600	46.15	-7.27	74.0	-27.85	Peak	68.00	150	Vertical	Pass
3**	3739.600	38.63	-7.27	54.0	-15.37	AV	68.00	150	Vertical	Pass
4	5640.400	88.40	-3.68	--	--	Peak	327.00	150	Vertical	N/A
4**	5640.400	80.39	-3.68	--	--	AV	327.00	150	Vertical	N/A
5	11613.513	50.93	-0.16	74.0	-23.07	Peak	100.00	150	Vertical	Pass
5**	11613.513	42.24	-0.16	54.0	-11.76	AV	100.00	150	Vertical	Pass
6	15609.938	47.07	4.60	74.0	-26.93	Peak	14.00	150	Vertical	Pass
6**	15609.938	38.16	4.60	54.0	-15.84	AV	14.00	150	Vertical	Pass

11ac80, Band 2C, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.400	37.68	-17.86	74.0	-36.32	Peak	245.00	150	Horizontal	Pass
1**	1560.400	28.38	-17.86	54.0	-25.62	AV	245.00	150	Horizontal	Pass
2	2808.900	43.00	-11.56	74.0	-31.00	Peak	189.00	150	Horizontal	Pass
2**	2808.900	34.25	-11.56	54.0	-19.75	AV	189.00	150	Horizontal	Pass
3	4079.200	47.18	-5.17	74.0	-26.82	Peak	139.00	150	Horizontal	Pass
3**	4079.200	38.92	-5.17	54.0	-15.08	AV	139.00	150	Horizontal	Pass
4	5690.000	102.53	-3.87	--	--	Peak	90.00	150	Horizontal	N/A
4**	5690.000	94.81	-3.87	--	--	AV	90.00	150	Horizontal	N/A
5	7434.125	48.53	-4.38	74.0	-25.47	Peak	332.00	150	Horizontal	Pass
5**	7434.125	38.85	-4.38	54.0	-15.15	AV	332.00	150	Horizontal	Pass
6	11591.663	50.72	-0.08	74.0	-23.28	Peak	13.00	150	Horizontal	Pass
6**	11591.663	41.88	-0.08	54.0	-12.12	AV	13.00	150	Horizontal	Pass

11ac80, Band 2C, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.500	37.99	-17.86	74.0	-36.01	Peak	13.00	150	Vertical	Pass
1**	1560.500	28.57	-17.86	54.0	-25.43	AV	13.00	150	Vertical	Pass
2	2796.800	42.86	-11.42	74.0	-31.14	Peak	139.00	150	Vertical	Pass
2**	2796.800	34.10	-11.42	54.0	-19.90	AV	139.00	150	Vertical	Pass
3	3984.600	47.20	-6.32	74.0	-26.80	Peak	218.00	150	Vertical	Pass
3**	3984.600	37.33	-6.32	54.0	-16.67	AV	218.00	150	Vertical	Pass
4	5693.200	89.74	-4.00	--	--	Peak	315.00	150	Vertical	N/A
4**	5693.200	81.66	-4.00	--	--	AV	315.00	150	Vertical	N/A
5	7424.637	48.49	-4.07	74.0	-25.51	Peak	258.00	150	Vertical	Pass
5**	7424.637	39.48	-4.07	54.0	-14.52	AV	258.00	150	Vertical	Pass
6	11594.537	51.36	-0.10	74.0	-22.64	Peak	347.00	150	Vertical	Pass
6**	11594.537	41.40	-0.10	54.0	-12.60	AV	347.00	150	Vertical	Pass

11a, Band 3, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.100	38.67	-17.91	74.0	-35.33	Peak	188.00	150	Horizontal	Pass
1**	1496.100	28.75	-17.91	54.0	-25.25	AV	188.00	150	Horizontal	Pass
2	2771.700	42.88	-11.49	74.0	-31.12	Peak	289.00	150	Horizontal	Pass
2**	2771.700	33.47	-11.49	54.0	-20.53	AV	289.00	150	Horizontal	Pass
3	3830.200	51.95	-7.15	74.0	-22.05	Peak	320.00	150	Horizontal	Pass
3**	3830.200	50.42	-7.15	54.0	-3.58	AV	320.00	150	Horizontal	Pass
4	5746.600	107.51	-4.00	--	--	Peak	307.00	150	Horizontal	N/A
4**	5746.600	99.10	-4.00	--	--	AV	307.00	150	Horizontal	N/A
5	11679.062	51.21	-0.94	74.0	-22.79	Peak	360.00	150	Horizontal	Pass
5**	11679.062	41.90	-0.94	54.0	-12.10	AV	360.00	150	Horizontal	Pass
6	15607.312	47.00	4.52	74.0	-27.00	Peak	67.00	150	Horizontal	Pass
6**	15607.312	38.95	4.52	54.0	-15.05	AV	67.00	150	Horizontal	Pass

11a, Band 3, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.700	38.36	-18.80	74.0	-35.64	Peak	304.00	150	Vertical	Pass
1**	1065.700	31.90	-18.80	54.0	-22.10	AV	304.00	150	Vertical	Pass
2	1329.200	38.49	-17.81	74.0	-35.51	Peak	358.00	150	Vertical	Pass
2**	1329.200	31.90	-17.81	54.0	-22.10	AV	358.00	150	Vertical	Pass
3	3830.000	46.98	-7.17	74.0	-27.02	Peak	263.00	150	Vertical	Pass
3**	3830.000	42.30	-7.17	54.0	-11.70	AV	263.00	150	Vertical	Pass
4	5752.200	91.26	-3.69	--	--	Peak	327.00	150	Vertical	N/A
4**	5752.200	82.51	-3.69	--	--	AV	327.00	150	Vertical	N/A
5	12163.500	50.99	-0.90	74.0	-23.01	Peak	138.00	150	Vertical	Pass
5**	12163.500	41.82	-0.90	54.0	-12.18	AV	138.00	150	Vertical	Pass
6	15594.188	47.45	4.16	74.0	-26.55	Peak	97.00	150	Vertical	Pass
6**	15594.188	38.18	4.16	54.0	-15.82	AV	97.00	150	Vertical	Pass

11a, Band 3, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.400	38.20	-17.94	74.0	-35.80	Peak	287.00	150	Horizontal	Pass
1**	1552.400	28.89	-17.94	54.0	-25.11	AV	287.00	150	Horizontal	Pass
2	2806.700	43.36	-11.55	74.0	-30.64	Peak	329.00	150	Horizontal	Pass
2**	2806.700	33.63	-11.55	54.0	-20.37	AV	329.00	150	Horizontal	Pass
3	3856.800	51.19	-6.94	74.0	-22.81	Peak	319.00	150	Horizontal	Pass
3**	3856.800	50.25	-6.94	54.0	-3.75	AV	319.00	150	Horizontal	Pass
4	5783.800	107.35	-3.05	--	--	Peak	303.00	150	Horizontal	N/A
4**	5783.800	100.15	-3.05	--	--	AV	303.00	150	Horizontal	N/A
5	11590.799	50.97	-0.07	74.0	-23.03	Peak	360.00	150	Horizontal	Pass
5**	11590.799	42.65	-0.07	54.0	-11.35	AV	360.00	150	Horizontal	Pass
6	15758.250	46.14	4.33	74.0	-27.86	Peak	318.00	150	Horizontal	Pass
6**	15758.250	37.44	4.33	54.0	-16.56	AV	318.00	150	Horizontal	Pass

11a, Band 3, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.200	37.95	-18.74	74.0	-36.05	Peak	304.00	150	Vertical	Pass
1**	1062.200	27.49	-18.74	54.0	-26.51	AV	304.00	150	Vertical	Pass
2	1330.400	38.95	-17.86	74.0	-35.05	Peak	129.00	150	Vertical	Pass
2**	1330.400	29.62	-17.86	54.0	-24.38	AV	129.00	150	Vertical	Pass
3	3856.400	46.72	-6.93	74.0	-27.28	Peak	340.00	150	Vertical	Pass
3**	3856.400	40.26	-6.93	54.0	-13.74	AV	340.00	150	Vertical	Pass
4	5784.200	90.76	-3.01	--	--	Peak	327.00	150	Vertical	N/A
4**	5784.200	83.78	-3.01	--	--	AV	327.00	150	Vertical	N/A
5	11612.937	52.47	-0.16	74.0	-21.53	Peak	327.00	150	Vertical	Pass
5**	11612.937	41.31	-0.16	54.0	-12.69	AV	327.00	150	Vertical	Pass
6	16001.063	47.35	5.07	74.0	-26.65	Peak	165.00	150	Vertical	Pass
6**	16001.063	39.93	5.07	54.0	-14.07	AV	165.00	150	Vertical	Pass

11a, Band 3, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.300	38.37	-18.07	74.0	-35.63	Peak	47.00	150	Horizontal	Pass
1**	1535.300	28.45	-18.07	54.0	-25.55	AV	47.00	150	Horizontal	Pass
2	2774.000	43.43	-11.45	74.0	-30.57	Peak	60.00	150	Horizontal	Pass
2**	2774.000	33.70	-11.45	54.0	-20.30	AV	60.00	150	Horizontal	Pass
3	3883.600	52.12	-7.24	74.0	-21.88	Peak	330.00	150	Horizontal	Pass
3**	3883.600	51.00	-7.24	54.0	-3.00	AV	330.00	150	Horizontal	Pass
4	5824.000	106.30	-2.92	--	--	Peak	330.00	150	Horizontal	N/A
4**	5824.000	100.40	-2.92	--	--	AV	330.00	150	Horizontal	N/A
5	12109.450	51.46	-0.86	74.0	-22.54	Peak	346.00	150	Horizontal	Pass
5**	12109.450	43.16	-0.86	54.0	-10.84	AV	346.00	150	Horizontal	Pass
6	15756.937	46.43	4.32	74.0	-27.57	Peak	22.00	150	Horizontal	Pass
6**	15756.937	37.58	4.32	54.0	-16.42	AV	22.00	150	Horizontal	Pass

11a, Band 3, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.400	37.46	-18.72	74.0	-36.54	Peak	313.00	150	Vertical	Pass
1**	1063.400	26.86	-18.72	54.0	-27.14	AV	313.00	150	Vertical	Pass
2	1330.300	39.27	-17.85	74.0	-34.73	Peak	196.00	150	Vertical	Pass
2**	1330.300	29.00	-17.85	54.0	-25.00	AV	196.00	150	Vertical	Pass
3	3883.200	47.26	-7.24	74.0	-26.74	Peak	286.00	150	Vertical	Pass
3**	3883.200	41.35	-7.24	54.0	-12.65	AV	286.00	150	Vertical	Pass
4	5827.200	92.35	-2.90	--	--	Peak	325.00	150	Vertical	N/A
4**	5827.200	84.17	-2.90	--	--	AV	325.00	150	Vertical	N/A
5	12109.737	51.67	-0.85	74.0	-22.33	Peak	180.00	150	Vertical	Pass
5**	12109.737	42.12	-0.85	54.0	-11.88	AV	180.00	150	Vertical	Pass
6	15737.250	46.74	4.25	74.0	-27.26	Peak	191.00	150	Vertical	Pass
6**	15737.250	40.21	4.25	54.0	-13.79	AV	191.00	150	Vertical	Pass

11n20, Band 3, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.200	37.99	-18.07	74.0	-36.01	Peak	347.00	150	Horizontal	Pass
1**	1508.200	28.77	-18.07	54.0	-25.23	AV	347.00	150	Horizontal	Pass
2	2829.800	42.81	-11.79	74.0	-31.19	Peak	0.00	150	Horizontal	Pass
2**	2829.800	33.59	-11.79	54.0	-20.41	AV	0.00	150	Horizontal	Pass
3	3830.000	52.38	-7.17	74.0	-21.62	Peak	310.00	150	Horizontal	Pass
3**	3830.000	50.68	-7.17	54.0	-3.32	AV	310.00	150	Horizontal	Pass
4	5743.000	106.32	-4.04	--	--	Peak	310.00	150	Horizontal	N/A
4**	5743.000	98.70	-4.04	--	--	AV	310.00	150	Horizontal	N/A
5	11583.901	51.25	-0.01	74.0	-22.75	Peak	181.00	150	Horizontal	Pass
5**	11583.901	42.92	-0.01	54.0	-11.08	AV	181.00	150	Horizontal	Pass
6	15830.438	46.74	4.43	74.0	-27.26	Peak	0.00	150	Horizontal	Pass
6**	15830.438	38.72	4.43	54.0	-15.28	AV	0.00	150	Horizontal	Pass

11n20, Band 3, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.800	36.94	-18.78	74.0	-37.06	Peak	261.00	150	Vertical	Pass
1**	1061.800	27.17	-18.78	54.0	-26.83	AV	261.00	150	Vertical	Pass
2	1328.500	39.08	-17.78	74.0	-34.92	Peak	121.00	150	Vertical	Pass
2**	1328.500	29.43	-17.78	54.0	-24.57	AV	121.00	150	Vertical	Pass
3	3830.200	47.44	-7.15	74.0	-26.56	Peak	118.00	150	Vertical	Pass
3**	3830.200	43.47	-7.15	54.0	-10.53	AV	118.00	150	Vertical	Pass
4	5747.600	89.81	-3.90	--	--	Peak	223.00	150	Vertical	N/A
4**	5747.600	82.17	-3.90	--	--	AV	223.00	150	Vertical	N/A
5	12068.625	51.45	-1.42	74.0	-22.55	Peak	251.00	150	Vertical	Pass
5**	12068.625	41.12	-1.42	54.0	-12.88	AV	251.00	150	Vertical	Pass
6	15712.312	46.93	4.51	74.0	-27.07	Peak	40.00	150	Vertical	Pass
6**	15712.312	39.36	4.51	54.0	-14.64	AV	40.00	150	Vertical	Pass

11n20, Band 3, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.100	38.11	-17.95	74.0	-35.89	Peak	266.00	150	Horizontal	Pass
1**	1544.100	29.01	-17.95	54.0	-24.99	AV	266.00	150	Horizontal	Pass
2	2782.800	43.00	-11.29	74.0	-31.00	Peak	241.00	150	Horizontal	Pass
2**	2782.800	34.35	-11.29	54.0	-19.65	AV	241.00	150	Horizontal	Pass
3	3856.800	51.28	-6.94	74.0	-22.72	Peak	319.00	150	Horizontal	Pass
3**	3856.800	49.70	-6.94	54.0	-4.30	AV	319.00	150	Horizontal	Pass
4	5785.600	106.74	-3.04	--	--	Peak	303.00	150	Horizontal	N/A
4**	5785.600	98.95	-3.04	--	--	AV	303.00	150	Horizontal	N/A
5	11662.387	50.82	-0.53	74.0	-23.18	Peak	107.00	150	Horizontal	Pass
5**	11662.387	40.95	-0.53	54.0	-13.05	AV	107.00	150	Horizontal	Pass
6	15630.937	47.25	5.17	74.0	-26.75	Peak	360.00	150	Horizontal	Pass
6**	15630.937	39.01	5.17	54.0	-14.99	AV	360.00	150	Horizontal	Pass

11n20, Band 3, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.500	38.08	-18.80	74.0	-35.92	Peak	305.00	150	Vertical	Pass
1**	1065.500	31.97	-18.80	54.0	-22.03	AV	305.00	150	Vertical	Pass
2	1327.100	39.53	-17.77	74.0	-34.47	Peak	132.00	150	Vertical	Pass
2**	1327.100	28.80	-17.77	54.0	-25.20	AV	132.00	150	Vertical	Pass
3	3856.600	46.58	-6.93	74.0	-27.42	Peak	147.00	150	Vertical	Pass
3**	3856.600	41.57	-6.93	54.0	-12.43	AV	147.00	150	Vertical	Pass
4	5784.400	90.49	-3.00	--	--	Peak	326.00	150	Vertical	N/A
4**	5784.400	83.12	-3.00	--	--	AV	326.00	150	Vertical	N/A
5	11618.688	51.12	-0.16	74.0	-22.88	Peak	240.00	150	Vertical	Pass
5**	11618.688	41.55	-0.16	54.0	-12.45	AV	240.00	150	Vertical	Pass
6	15737.250	47.00	4.25	74.0	-27.00	Peak	166.00	150	Vertical	Pass
6**	15737.250	38.83	4.25	54.0	-15.17	AV	166.00	150	Vertical	Pass

11n20, Band 3, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1517.800	37.91	-17.96	74.0	-36.09	Peak	0.00	150	Horizontal	Pass
1**	1517.800	28.33	-17.96	54.0	-25.67	AV	0.00	150	Horizontal	Pass
2	2799.700	42.94	-11.41	74.0	-31.06	Peak	294.00	150	Horizontal	Pass
2**	2799.700	34.67	-11.41	54.0	-19.33	AV	294.00	150	Horizontal	Pass
3	3883.400	52.35	-7.24	74.0	-21.65	Peak	310.00	150	Horizontal	Pass
3**	3883.400	50.77	-7.24	54.0	-3.23	AV	310.00	150	Horizontal	Pass
4	5823.600	107.51	-2.90	--	--	Peak	310.00	150	Horizontal	N/A
4**	5823.600	100.20	-2.90	--	--	AV	310.00	150	Horizontal	N/A
5	12016.300	50.71	-1.20	74.0	-23.29	Peak	328.00	150	Horizontal	Pass
5**	12016.300	42.69	-1.20	54.0	-11.31	AV	328.00	150	Horizontal	Pass
6	15749.063	47.19	4.24	74.0	-26.81	Peak	337.00	150	Horizontal	Pass
6**	15749.063	38.96	4.24	54.0	-15.04	AV	337.00	150	Horizontal	Pass

11n20, Band 3, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1201.000	38.64	-18.03	74.0	-35.36	Peak	246.00	150	Vertical	Pass
1**	1201.000	29.34	-18.03	54.0	-24.66	AV	246.00	150	Vertical	Pass
2	1327.500	39.17	-17.77	74.0	-34.83	Peak	128.00	150	Vertical	Pass
2**	1327.500	28.44	-17.77	54.0	-25.56	AV	128.00	150	Vertical	Pass
3	3883.600	47.41	-7.24	74.0	-26.59	Peak	88.00	150	Vertical	Pass
3**	3883.600	42.46	-7.24	54.0	-11.54	AV	88.00	150	Vertical	Pass
4	5826.400	92.96	-2.90	--	--	Peak	337.00	150	Vertical	N/A
4**	5826.400	86.47	-2.90	--	--	AV	337.00	150	Vertical	N/A
5	12098.813	51.32	-1.05	74.0	-22.68	Peak	212.00	150	Vertical	Pass
5**	12098.813	42.01	-1.05	54.0	-11.99	AV	212.00	150	Vertical	Pass
6	15717.562	46.84	4.52	74.0	-27.16	Peak	9.00	150	Vertical	Pass
6**	15717.562	39.44	4.52	54.0	-14.56	AV	9.00	150	Vertical	Pass

11n40, Band 3, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.400	38.17	-18.06	74.0	-35.83	Peak	86.00	150	Horizontal	Pass
1**	1526.400	28.88	-18.06	54.0	-25.12	AV	86.00	150	Horizontal	Pass
2	2773.300	42.51	-11.47	74.0	-31.49	Peak	104.00	150	Horizontal	Pass
2**	2773.300	34.64	-11.47	54.0	-19.36	AV	104.00	150	Horizontal	Pass
3	3836.800	51.54	-6.69	74.0	-22.46	Peak	18.00	150	Horizontal	Pass
3**	3836.800	50.79	-6.69	54.0	-3.21	AV	18.00	150	Horizontal	Pass
4	5753.600	105.18	-3.54	--	--	Peak	310.00	150	Horizontal	N/A
4**	5753.600	97.30	-3.54	--	--	AV	310.00	150	Horizontal	N/A
5	12241.988	51.41	-0.28	74.0	-22.59	Peak	38.00	150	Horizontal	Pass
5**	12241.988	42.05	-0.28	54.0	-11.95	AV	38.00	150	Horizontal	Pass
6	15716.250	46.81	4.52	74.0	-27.19	Peak	294.00	150	Horizontal	Pass
6**	15716.250	39.83	4.52	54.0	-14.17	AV	294.00	150	Horizontal	Pass

11n40, Band 3, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.400	37.11	-18.80	74.0	-36.89	Peak	320.00	150	Vertical	Pass
1**	1065.400	27.56	-18.80	54.0	-26.44	AV	320.00	150	Vertical	Pass
2	1331.900	39.11	-17.92	74.0	-34.89	Peak	143.00	150	Vertical	Pass
2**	1331.900	28.40	-17.92	54.0	-25.60	AV	143.00	150	Vertical	Pass
3	3836.800	46.69	-6.69	74.0	-27.31	Peak	87.00	150	Vertical	Pass
3**	3836.800	42.05	-6.69	54.0	-11.95	AV	87.00	150	Vertical	Pass
4	5765.000	89.53	-3.38	--	--	Peak	333.00	150	Vertical	N/A
4**	5765.000	80.00	-3.38	--	--	AV	333.00	150	Vertical	N/A
5	12085.588	51.25	-1.25	74.0	-22.75	Peak	0.00	150	Vertical	Pass
5**	12085.588	41.80	-1.25	54.0	-12.20	AV	0.00	150	Vertical	Pass
6	15718.875	47.24	4.52	74.0	-26.76	Peak	226.00	150	Vertical	Pass
6**	15718.875	39.47	4.52	54.0	-14.53	AV	226.00	150	Vertical	Pass

11n40, Band 3, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.900	38.33	-17.97	74.0	-35.67	Peak	5.00	150	Horizontal	Pass
1**	1506.900	28.03	-17.97	54.0	-25.97	AV	5.00	150	Horizontal	Pass
2	2771.000	42.75	-11.50	74.0	-31.25	Peak	338.00	150	Horizontal	Pass
2**	2771.000	33.84	-11.50	54.0	-20.16	AV	338.00	150	Horizontal	Pass
3	3863.400	51.11	-7.09	74.0	-22.89	Peak	313.00	150	Horizontal	Pass
3**	3863.400	50.11	-7.09	54.0	-3.89	AV	313.00	150	Horizontal	Pass
4	5803.000	104.18	-3.18	--	--	Peak	299.00	150	Horizontal	N/A
4**	5803.000	95.89	-3.18	--	--	AV	299.00	150	Horizontal	N/A
5	11653.763	51.38	-0.39	74.0	-22.62	Peak	106.00	150	Horizontal	Pass
5**	11653.763	41.73	-0.39	54.0	-12.27	AV	106.00	150	Horizontal	Pass
6	15714.938	47.13	4.52	74.0	-26.87	Peak	268.00	150	Horizontal	Pass
6**	15714.938	39.44	4.52	54.0	-14.56	AV	268.00	150	Horizontal	Pass

11n40, Band 3, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.500	36.30	-18.80	74.0	-37.70	Peak	291.00	150	Vertical	Pass
1**	1065.500	28.65	-18.80	54.0	-25.35	AV	291.00	150	Vertical	Pass
2	1330.400	40.85	-17.86	74.0	-33.15	Peak	107.00	150	Vertical	Pass
2**	1330.400	31.92	-17.86	54.0	-22.08	AV	107.00	150	Vertical	Pass
3	3863.200	46.71	-7.09	74.0	-27.29	Peak	88.00	150	Vertical	Pass
3**	3863.200	41.25	-7.09	54.0	-12.75	AV	88.00	150	Vertical	Pass
4	5798.400	89.58	-3.18	--	--	Peak	326.00	150	Vertical	N/A
4**	5798.400	82.08	-3.18	--	--	AV	326.00	150	Vertical	N/A
5	11620.700	50.99	-0.17	74.0	-23.01	Peak	49.00	150	Vertical	Pass
5**	11620.700	42.43	-0.17	54.0	-11.57	AV	49.00	150	Vertical	Pass
6	15716.250	47.20	4.52	74.0	-26.80	Peak	53.00	150	Vertical	Pass
6**	15716.250	40.09	4.52	54.0	-13.91	AV	53.00	150	Vertical	Pass

11ac20, Band 3, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.000	37.96	-17.96	74.0	-36.04	Peak	232.00	150	Horizontal	Pass
1**	1544.000	29.14	-17.96	54.0	-24.86	AV	232.00	150	Horizontal	Pass
2	2795.300	42.54	-11.27	74.0	-31.46	Peak	176.00	150	Horizontal	Pass
2**	2795.300	33.42	-11.27	54.0	-20.58	AV	176.00	150	Horizontal	Pass
3	3830.200	51.78	-7.15	74.0	-22.22	Peak	315.00	150	Horizontal	Pass
3**	3830.200	50.40	-7.15	54.0	-3.60	AV	315.00	150	Horizontal	Pass
4	5747.800	106.69	-3.88	--	--	Peak	302.00	150	Horizontal	N/A
4**	5747.800	98.15	-3.88	--	--	AV	302.00	150	Horizontal	N/A
5	12276.487	51.24	0.08	74.0	-22.76	Peak	0.00	150	Horizontal	Pass
5**	12276.487	41.87	0.08	54.0	-12.13	AV	0.00	150	Horizontal	Pass
6	15792.375	46.60	4.28	74.0	-27.40	Peak	86.00	150	Horizontal	Pass
6**	15792.375	38.96	4.28	54.0	-15.04	AV	86.00	150	Horizontal	Pass

11ac20, Band 3, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1064.700	36.69	-18.79	74.0	-37.31	Peak	360.00	150	Vertical	Pass
1**	1064.700	26.78	-18.79	54.0	-27.22	AV	360.00	150	Vertical	Pass
2	1328.000	37.41	-17.77	74.0	-36.59	Peak	271.00	150	Vertical	Pass
2**	1328.000	28.54	-17.77	54.0	-25.46	AV	271.00	150	Vertical	Pass
3	3829.600	47.46	-7.21	74.0	-26.54	Peak	93.00	150	Vertical	Pass
3**	3829.600	39.31	-7.21	54.0	-14.69	AV	93.00	150	Vertical	Pass
4	5743.400	90.09	-4.01	--	--	Peak	224.00	150	Vertical	N/A
4**	5743.400	82.39	-4.01	--	--	AV	224.00	150	Vertical	N/A
5	11650.888	50.55	-0.35	74.0	-23.45	Peak	216.00	150	Vertical	Pass
5**	11650.888	42.68	-0.35	54.0	-11.32	AV	216.00	150	Vertical	Pass
6	15833.062	47.41	4.38	74.0	-26.59	Peak	340.00	150	Vertical	Pass
6**	15833.062	39.76	4.38	54.0	-14.24	AV	340.00	150	Vertical	Pass

11ac20, Band 3, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.800	37.57	-18.01	74.0	-36.43	Peak	245.00	150	Horizontal	Pass
1**	1503.800	28.76	-18.01	54.0	-25.24	AV	245.00	150	Horizontal	Pass
2	2770.800	43.40	-11.50	74.0	-30.60	Peak	124.00	150	Horizontal	Pass
2**	2770.800	33.79	-11.50	54.0	-20.21	AV	124.00	150	Horizontal	Pass
3	3857.000	50.84	-6.95	74.0	-23.16	Peak	312.00	150	Horizontal	Pass
3**	3857.000	49.76	-6.95	54.0	-4.24	AV	312.00	150	Horizontal	Pass
4	5780.000	107.08	-3.27	--	--	Peak	300.00	150	Horizontal	N/A
4**	5780.000	97.49	-3.27	--	--	AV	300.00	150	Horizontal	N/A
5	11681.651	51.39	-0.94	74.0	-22.61	Peak	276.00	150	Horizontal	Pass
5**	11681.651	42.04	-0.94	54.0	-11.96	AV	276.00	150	Horizontal	Pass
6	15718.875	47.06	4.52	74.0	-26.94	Peak	355.00	150	Horizontal	Pass
6**	15718.875	40.17	4.52	54.0	-13.83	AV	355.00	150	Horizontal	Pass

11ac20, Band 3, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.400	37.98	-18.72	74.0	-36.02	Peak	265.00	150	Vertical	Pass
1**	1063.400	27.83	-18.72	54.0	-26.17	AV	265.00	150	Vertical	Pass
2	1330.000	40.69	-17.84	74.0	-33.31	Peak	133.00	150	Vertical	Pass
2**	1330.000	33.79	-17.84	54.0	-20.21	AV	133.00	150	Vertical	Pass
3	3856.600	47.37	-6.93	74.0	-26.63	Peak	225.00	150	Vertical	Pass
3**	3856.600	41.00	-6.93	54.0	-13.00	AV	225.00	150	Vertical	Pass
4	5783.800	90.27	-3.05	--	--	Peak	211.00	150	Vertical	N/A
4**	5783.800	84.25	-3.05	--	--	AV	211.00	150	Vertical	N/A
5	12064.312	51.63	-1.46	74.0	-22.37	Peak	360.00	150	Vertical	Pass
5**	12064.312	41.54	-1.46	54.0	-12.46	AV	360.00	150	Vertical	Pass
6	15519.375	47.42	4.74	74.0	-26.58	Peak	0.00	150	Vertical	Pass
6**	15519.375	38.82	4.74	54.0	-15.18	AV	0.00	150	Vertical	Pass

11ac20, Band 3, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	39.85	-17.79	74.0	-34.15	Peak	229.00	150	Horizontal	Pass
1**	1328.900	28.71	-17.79	54.0	-25.29	AV	229.00	150	Horizontal	Pass
2	2763.100	43.23	-11.43	74.0	-30.77	Peak	320.00	150	Horizontal	Pass
2**	2763.100	34.61	-11.43	54.0	-19.39	AV	320.00	150	Horizontal	Pass
3	3883.400	52.26	-7.24	74.0	-21.74	Peak	315.00	150	Horizontal	Pass
3**	3883.400	50.53	-7.24	54.0	-3.47	AV	315.00	150	Horizontal	Pass
4	5826.400	107.12	-2.90	--	--	Peak	297.00	150	Horizontal	N/A
4**	5826.400	101.12	-2.90	--	--	AV	297.00	150	Horizontal	N/A
5	12252.049	51.20	-0.06	74.0	-22.80	Peak	274.00	150	Horizontal	Pass
5**	12252.049	42.16	-0.06	54.0	-11.84	AV	274.00	150	Horizontal	Pass
6	15624.375	47.06	5.02	74.0	-26.94	Peak	205.00	150	Horizontal	Pass
6**	15624.375	40.17	5.02	54.0	-13.83	AV	205.00	150	Horizontal	Pass

11ac20, Band 3, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.200	39.47	-18.13	74.0	-34.53	Peak	35.00	150	Vertical	Pass
1**	1200.200	28.99	-18.13	54.0	-25.01	AV	35.00	150	Vertical	Pass
2	1330.500	39.03	-17.86	74.0	-34.97	Peak	121.00	150	Vertical	Pass
2**	1330.500	28.40	-17.86	54.0	-25.60	AV	121.00	150	Vertical	Pass
3	3883.600	47.33	-7.24	74.0	-26.67	Peak	308.00	150	Vertical	Pass
3**	3883.600	43.01	-7.24	54.0	-10.99	AV	308.00	150	Vertical	Pass
4	5829.400	93.09	-2.98	--	--	Peak	335.00	150	Vertical	N/A
4**	5829.400	84.86	-2.98	--	--	AV	335.00	150	Vertical	N/A
5	11995.312	51.03	-1.42	74.0	-22.97	Peak	360.00	150	Vertical	Pass
5**	11995.312	41.25	-1.42	54.0	-12.75	AV	360.00	150	Vertical	Pass
6	15707.062	47.02	4.51	74.0	-26.98	Peak	166.00	150	Vertical	Pass
6**	15707.062	38.98	4.51	54.0	-15.02	AV	166.00	150	Vertical	Pass

11ac40, Band 3, 1 GHz to 18 GHz, Low channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.400	38.11	-18.00	74.0	-35.89	Peak	267.00	150	Horizontal	Pass
1**	1470.400	28.40	-18.00	54.0	-25.60	AV	267.00	150	Horizontal	Pass
2	2792.200	43.05	-11.09	74.0	-30.95	Peak	197.00	150	Horizontal	Pass
2**	2792.200	34.01	-11.09	54.0	-19.99	AV	197.00	150	Horizontal	Pass
3	3836.800	52.19	-6.69	74.0	-21.81	Peak	316.00	150	Horizontal	Pass
3**	3836.800	50.75	-6.69	54.0	-3.25	AV	316.00	150	Horizontal	Pass
4	5752.200	104.09	-3.69	--	--	Peak	299.00	150	Horizontal	N/A
4**	5752.200	96.36	-3.69	--	--	AV	299.00	150	Horizontal	N/A
5	12022.050	51.47	-1.21	74.0	-22.53	Peak	348.00	150	Horizontal	Pass
5**	12022.050	41.33	-1.21	54.0	-12.67	AV	348.00	150	Horizontal	Pass
6	15720.188	47.20	4.52	74.0	-26.80	Peak	6.00	150	Horizontal	Pass
6**	15720.188	39.07	4.52	54.0	-14.93	AV	6.00	150	Horizontal	Pass

11ac40, Band 3, 1 GHz to 18 GHz, Low channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1534.000	38.36	-18.06	74.0	-35.64	Peak	137.00	150	Vertical	Pass
1**	1534.000	28.63	-18.06	54.0	-25.37	AV	137.00	150	Vertical	Pass
2	2804.300	43.24	-11.55	74.0	-30.76	Peak	276.00	150	Vertical	Pass
2**	2804.300	33.40	-11.55	54.0	-20.60	AV	276.00	150	Vertical	Pass
3	3836.600	47.71	-6.70	74.0	-26.29	Peak	221.00	150	Vertical	Pass
3**	3836.600	41.56	-6.70	54.0	-12.44	AV	221.00	150	Vertical	Pass
4	5765.200	88.23	-3.38	--	--	Peak	333.00	150	Vertical	N/A
4**	5765.200	79.51	-3.38	--	--	AV	333.00	150	Vertical	N/A
5	12350.662	51.66	-1.26	74.0	-22.34	Peak	113.00	150	Vertical	Pass
5**	12350.662	41.92	-1.26	54.0	-12.08	AV	113.00	150	Vertical	Pass
6	15531.187	46.94	4.24	74.0	-27.06	Peak	196.00	150	Vertical	Pass
6**	15531.187	37.70	4.24	54.0	-16.30	AV	196.00	150	Vertical	Pass

11ac40, Band 3, 1 GHz to 18 GHz, High channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.700	38.49	-17.76	74.0	-35.51	Peak	24.00	150	Horizontal	Pass
1**	1447.700	29.33	-17.76	54.0	-24.67	AV	24.00	150	Horizontal	Pass
2	2768.500	43.05	-11.53	74.0	-30.95	Peak	48.00	150	Horizontal	Pass
2**	2768.500	34.10	-11.53	54.0	-19.90	AV	48.00	150	Horizontal	Pass
3	3863.400	51.49	-7.09	74.0	-22.51	Peak	292.00	150	Horizontal	Pass
3**	3863.400	49.80	-7.09	54.0	-4.20	AV	292.00	150	Horizontal	Pass
4	5797.600	105.06	-3.20	--	-186.94	Peak	292.00	150	Horizontal	N/A
4**	5797.600	96.88	-3.20	--	96.88	AV	292.00	150	Horizontal	N/A
5	12074.662	51.22	-1.37	74.0	-22.78	Peak	77.00	150	Horizontal	Pass
5**	12074.662	42.67	-1.37	54.0	-11.33	AV	77.00	150	Horizontal	Pass
6	15704.438	48.12	4.51	74.0	-25.88	Peak	106.00	150	Horizontal	Pass
6**	15704.438	39.53	4.51	54.0	-14.47	AV	106.00	150	Horizontal	Pass

11ac40, Band 3, 1 GHz to 18 GHz, High channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.500	37.36	-18.80	74.0	-36.64	Peak	265.00	150	Vertical	Pass
1**	1065.500	29.55	-18.80	54.0	-24.45	AV	265.00	150	Vertical	Pass
2	1332.400	39.31	-17.95	74.0	-34.69	Peak	145.00	150	Vertical	Pass
2**	1332.400	28.52	-17.95	54.0	-25.48	AV	145.00	150	Vertical	Pass
3	3863.400	48.13	-7.09	74.0	-25.87	Peak	99.00	150	Vertical	Pass
3**	3863.400	41.93	-7.09	54.0	-12.07	AV	99.00	150	Vertical	Pass
4	5791.000	88.90	-3.19	--	--	Peak	322.00	150	Vertical	N/A
4**	5791.000	80.77	-3.19	--	--	AV	322.00	150	Vertical	N/A
5	12184.487	51.47	-0.93	74.0	-22.53	Peak	360.00	150	Vertical	Pass
5**	12184.487	41.76	-0.93	54.0	-12.24	AV	360.00	150	Vertical	Pass
6	16006.313	47.12	5.05	74.0	-26.88	Peak	0.00	150	Vertical	Pass
6**	16006.313	38.61	5.05	54.0	-15.39	AV	0.00	150	Vertical	Pass

11ac80, Band 3, 1 GHz to 18 GHz, Middle channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1356.000	38.23	-17.94	74.0	-35.77	Peak	103.00	150	Horizontal	Pass
1**	1356.000	28.96	-17.94	54.0	-25.04	AV	103.00	150	Horizontal	Pass
2	2752.100	42.92	-11.62	74.0	-31.08	Peak	1.00	150	Horizontal	Pass
2**	2752.100	33.61	-11.62	54.0	-20.39	AV	1.00	150	Horizontal	Pass
3	3850.200	52.05	-6.55	74.0	-21.95	Peak	308.00	150	Horizontal	Pass
3**	3850.200	50.75	-6.55	54.0	-3.25	AV	308.00	150	Horizontal	Pass
4	5770.800	99.91	-3.26	--	--	Peak	308.00	150	Horizontal	N/A
4**	5770.800	91.96	-3.26	--	--	AV	308.00	150	Horizontal	N/A
5	11628.463	51.61	-0.25	74.0	-22.39	Peak	182.00	150	Horizontal	Pass
5**	11628.463	43.22	-0.25	54.0	-10.78	AV	182.00	150	Horizontal	Pass
6	15768.750	46.94	4.39	74.0	-27.06	Peak	77.00	150	Horizontal	Pass
6**	15768.750	38.81	4.39	54.0	-15.19	AV	77.00	150	Horizontal	Pass

11ac80, Band 3, 1 GHz to 18 GHz, Middle channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.300	36.79	-18.80	74.0	-37.21	Peak	294.00	150	Vertical	Pass
1**	1065.300	28.75	-18.80	54.0	-25.25	AV	294.00	150	Vertical	Pass
2	1333.300	41.05	-17.96	74.0	-32.95	Peak	127.00	150	Vertical	Pass
2**	1333.300	29.50	-17.96	54.0	-24.50	AV	127.00	150	Vertical	Pass
3	3850.200	47.95	-6.55	74.0	-26.05	Peak	334.00	150	Vertical	Pass
3**	3850.200	41.73	-6.55	54.0	-12.27	AV	334.00	150	Vertical	Pass
4	5765.400	84.35	-3.38	--	--	Peak	334.00	150	Vertical	N/A
4**	5765.400	76.42	-3.38	--	--	AV	334.00	150	Vertical	N/A
5	12106.000	51.55	-0.92	74.0	-22.45	Peak	55.00	150	Vertical	Pass
5**	12106.000	42.36	-0.92	54.0	-11.64	AV	55.00	150	Vertical	Pass
6	15701.812	46.71	4.50	74.0	-27.29	Peak	0.00	150	Vertical	Pass
6**	15701.812	39.39	4.50	54.0	-14.61	AV	0.00	150	Vertical	Pass

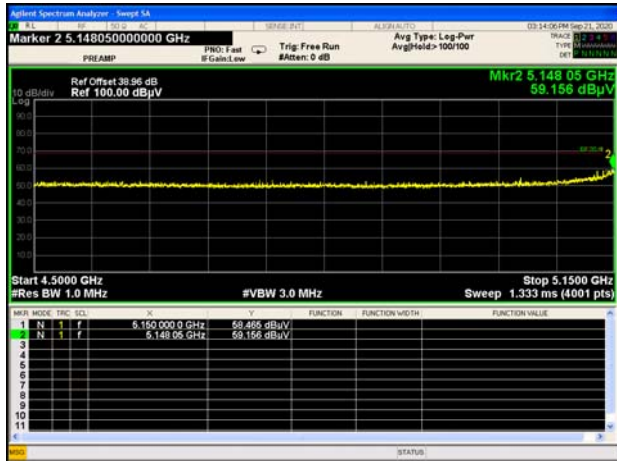
A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
Band 1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
Band 2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
Band 2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		Middle	Pass
		High	Pass
Band 3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass

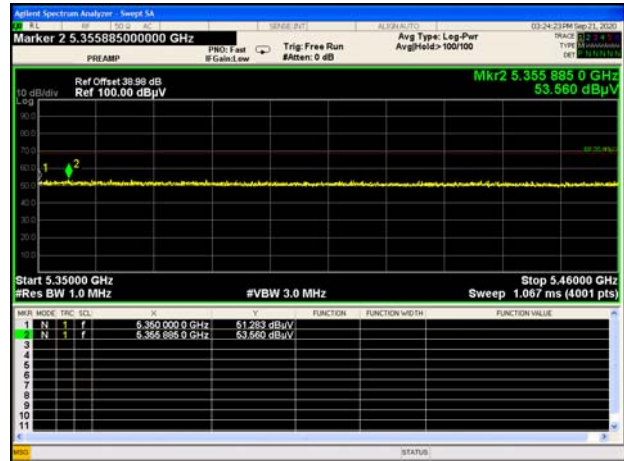
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Plots

Band 1 11a CH36 Peak



Band 1 11a CH48 Peak



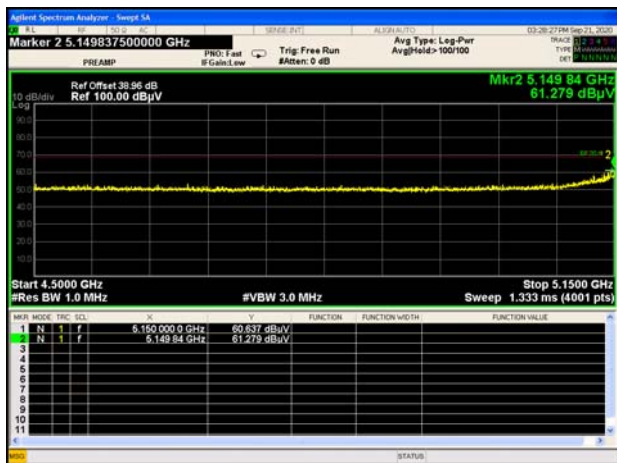
Band 1 11a CH36 AV



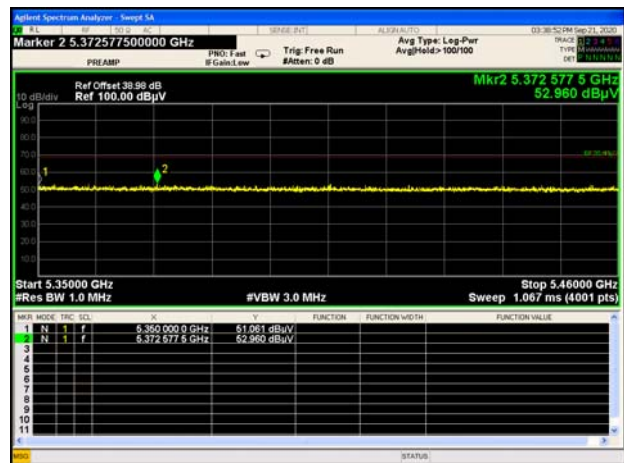
Band 1 11a CH36 AV



Band 1 11n20 CH36 Peak



Band 1 11n20 CH48 Peak



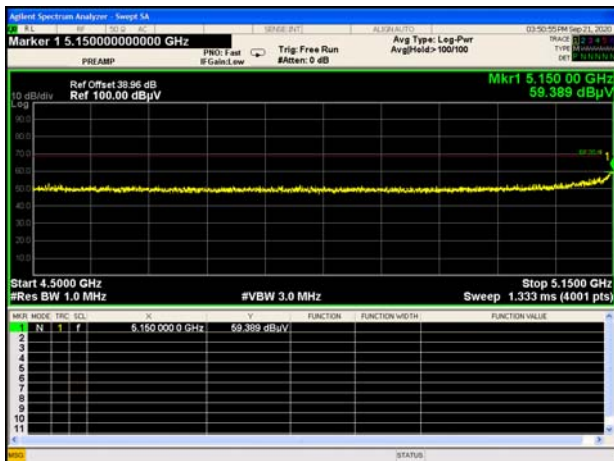
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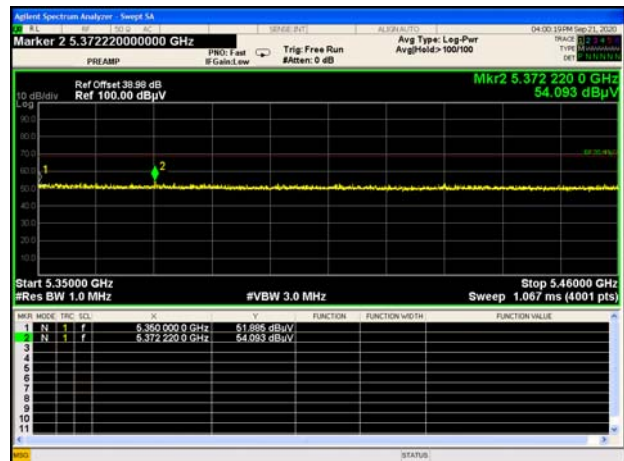
Band 1 11n20 CH36 AV



Band 1 11n40 CH38 Peak



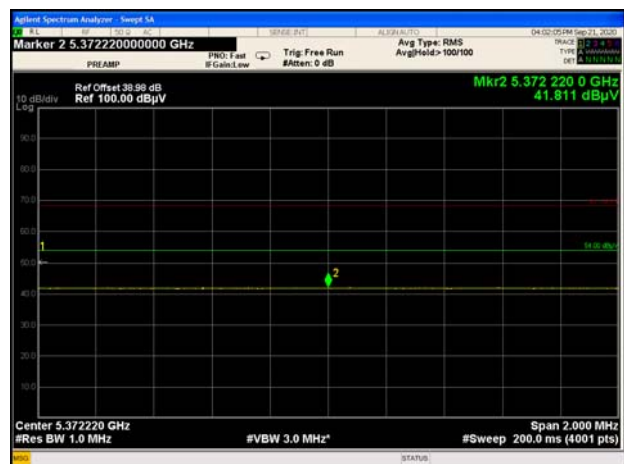
Band 1 11n40 CH46 Peak



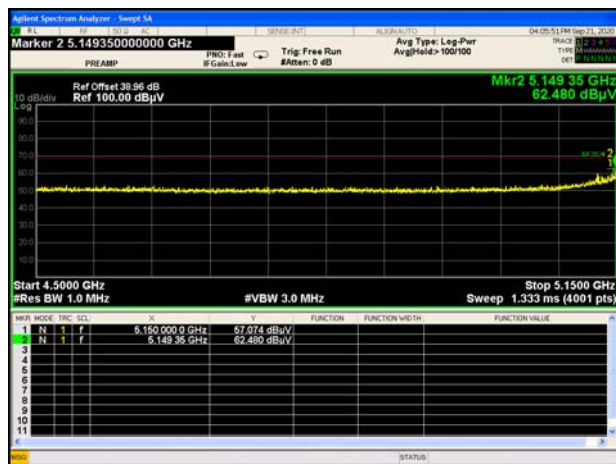
Band 1 11n40 CH38 AV



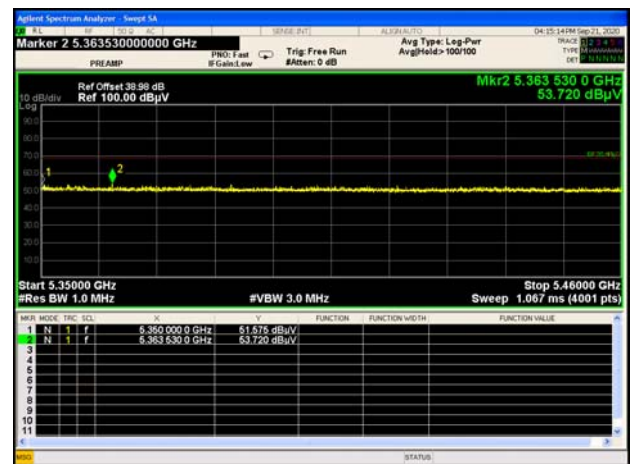
Band 1 11n40 CH46 AV



Band 1 11ac20 CH36 Peak



Band 1 11ac20 CH48 Peak



Band 1 11ac20 CH36 AV



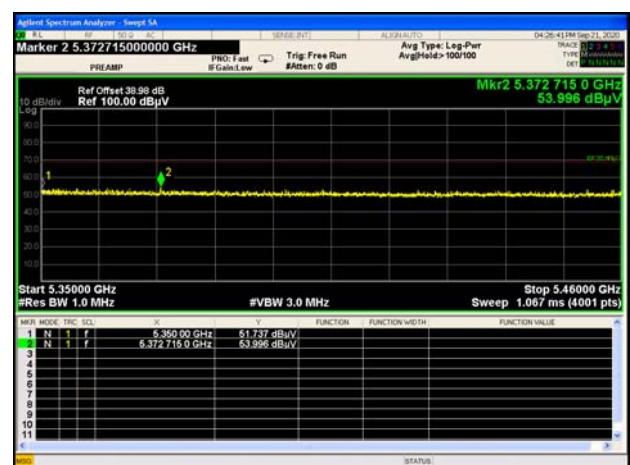
Band 1 11ac20 CH36 AV



Band 1 11ac40 CH38 Peak



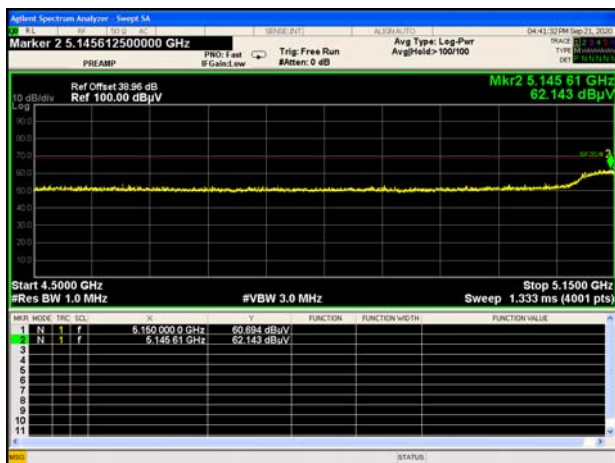
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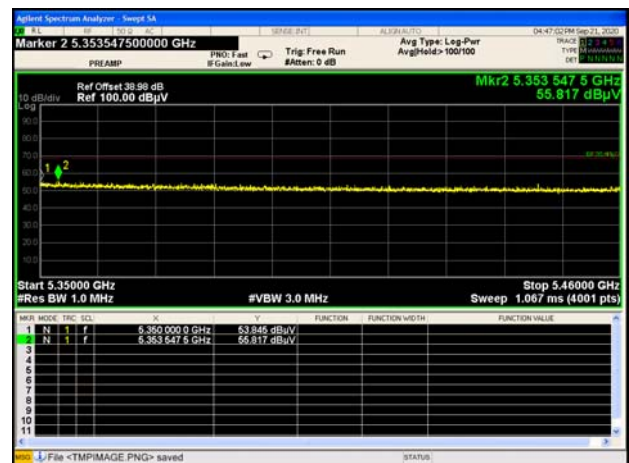
Band 1 11ac40 CH38 AV



Band 1 11ac80 CH42 Peak



Band 1 11ac80 CH42 Peak



Band 1 11ac80 CH42 AV



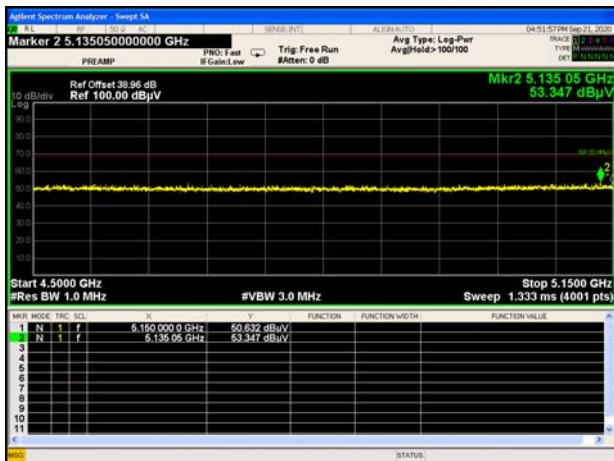
Band 1 11ac80 CH42 AV



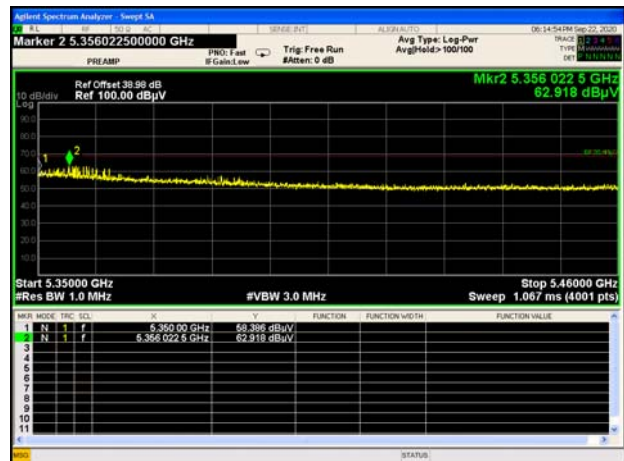
Band 1 11ac80 CH42 AV



Band 2A 11a CH52 Peak



Band 2A 11a CH64 Peak



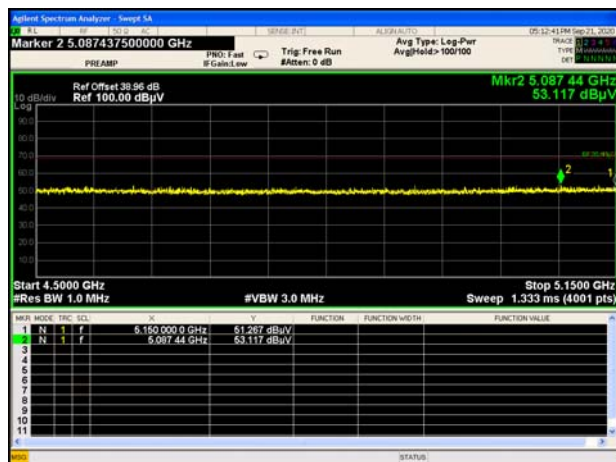
Band 2A 11a CH64 AV



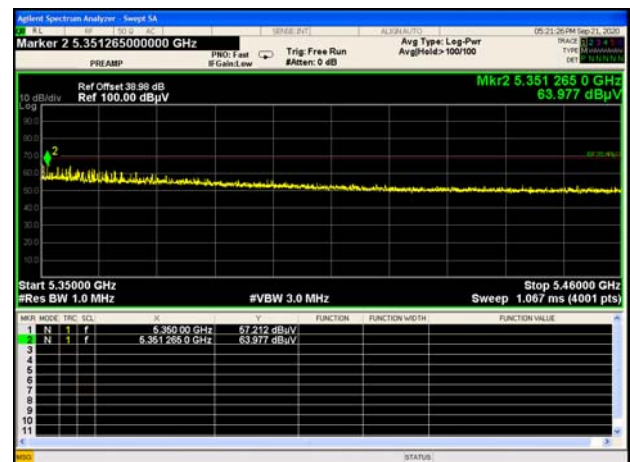
Band 2A 11a CH64 AV



Band 2A 11n20 CH52 Peak



Band 2A 11n20 CH64 Peak



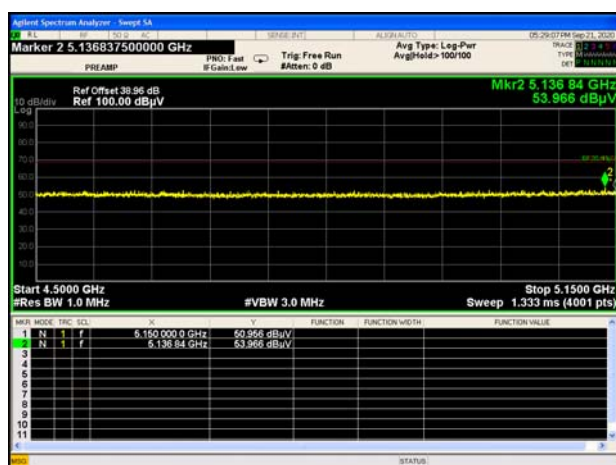
Band 2A 11n20 CH64 AV



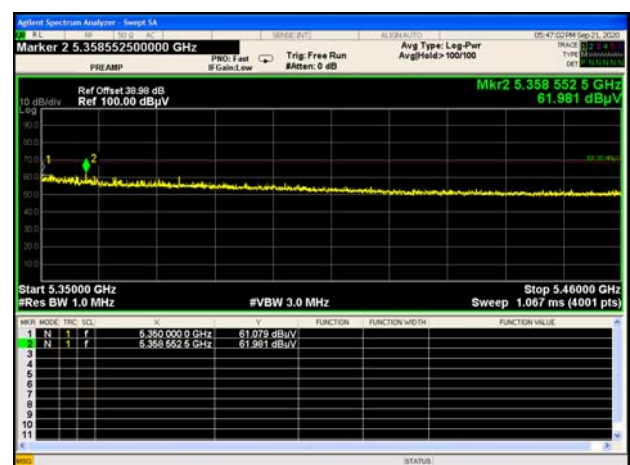
Band 2A 11n20 CH64 AV



Band 2A 11n40 CH54 Peak



Band 2A 11n40 CH62 Peak



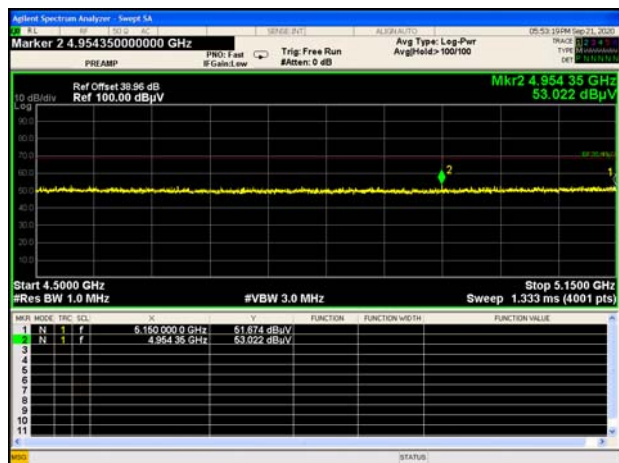
Band 2A 11n40 CH62 AV



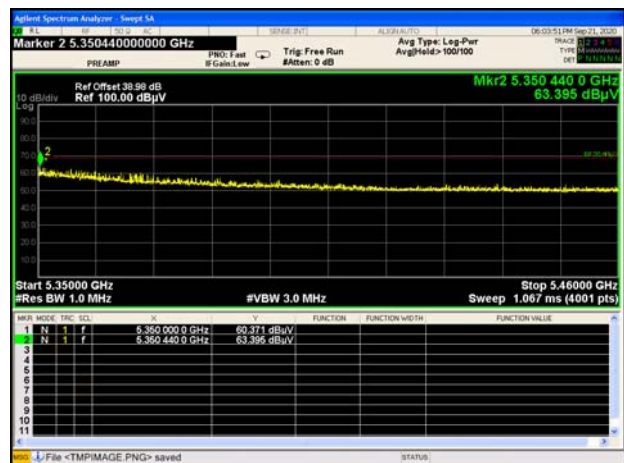
Band 2A 11n40 CH62 AV



Band 2A 11ac20 CH52 Peak



Band 2A 11ac20 CH64 Peak



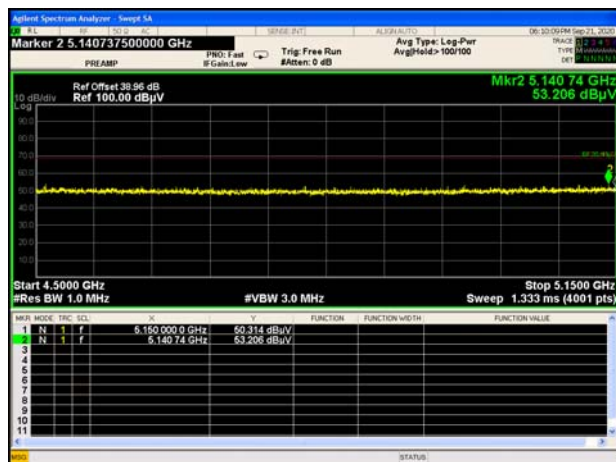
Band 2A 11ac20 CH64 AV



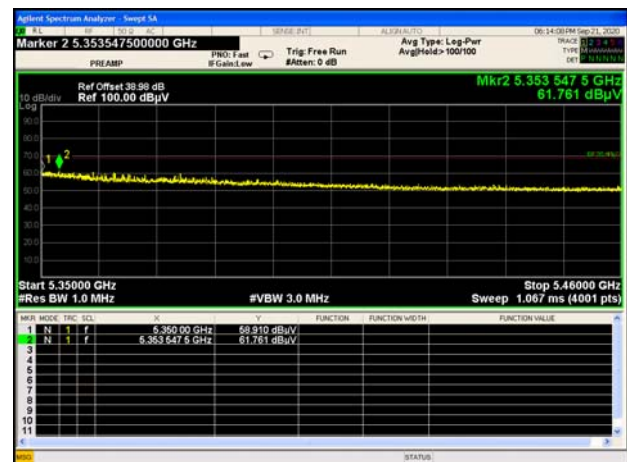
Band 2A 11ac20 CH64 AV



Band 2A 11ac40 CH54 Peak



Band 2A 11ac40 CH62 Peak



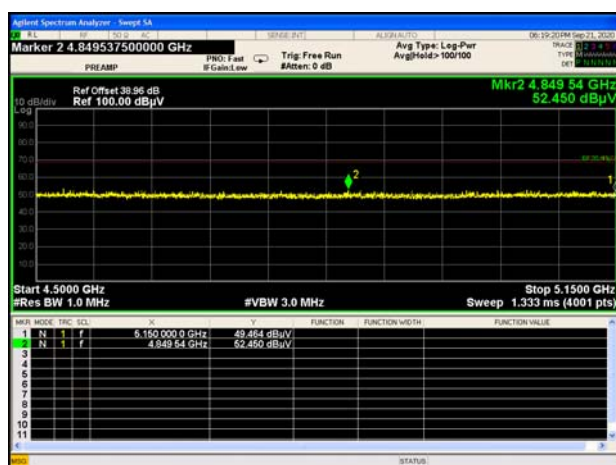
Band 2A 11ac40 CH62 AV



Band 2A 11ac40 CH62 AV



Band 2A 11ac80 CH58 Peak



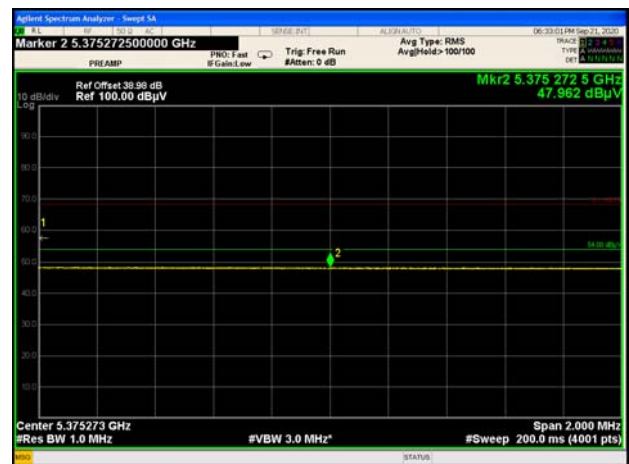
Band 2A 11ac80 CH58 Peak



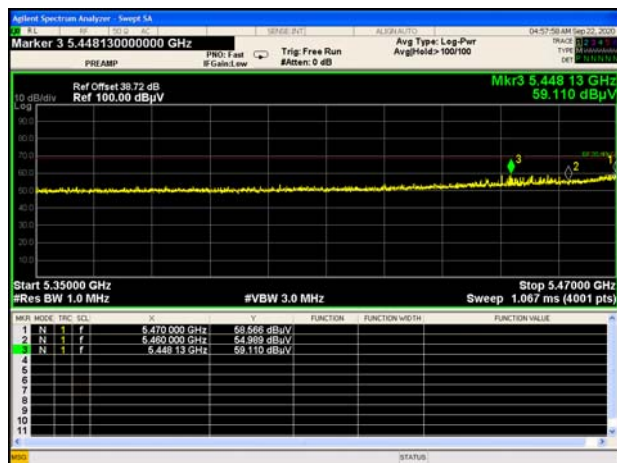
Band 2A 11ac80 CH58 AV



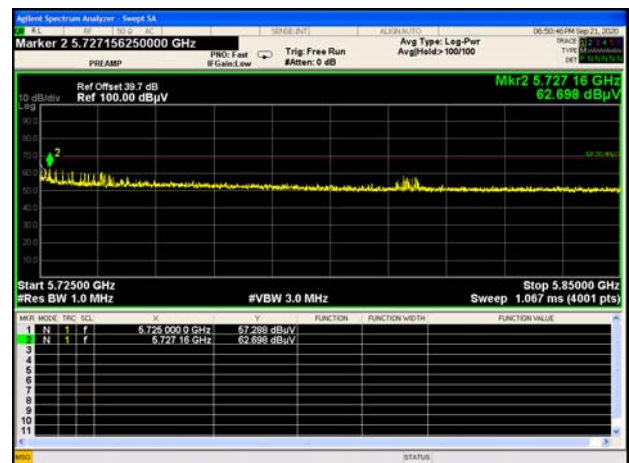
Band 2A 11ac80 CH58 AV



Band 2C 11a CH100 Peak



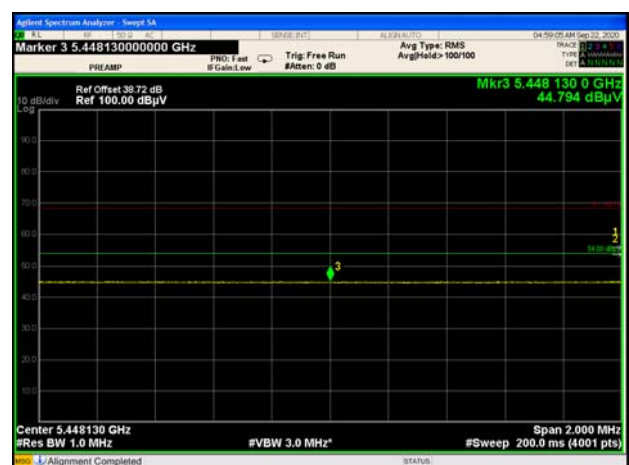
Band 2C 11a CH140 Peak



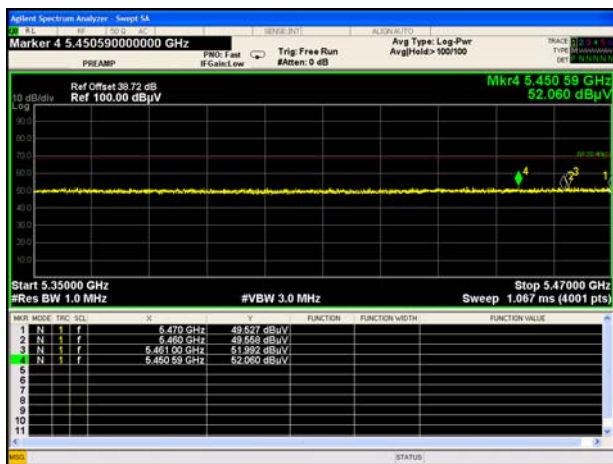
Band 2C 11a CH100 AV



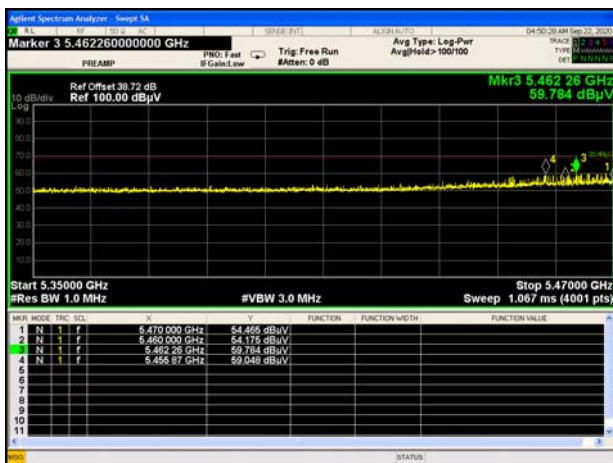
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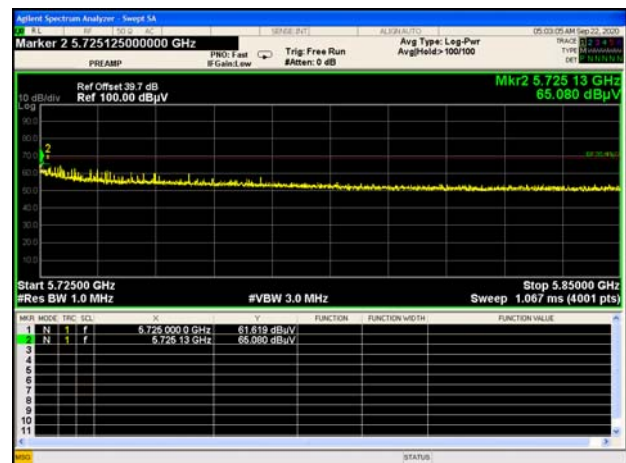
Band 2C 11a CH144 Peak



Band 2C 11n20 CH100 Peak



Band 2C 11n20 CH140 Peak



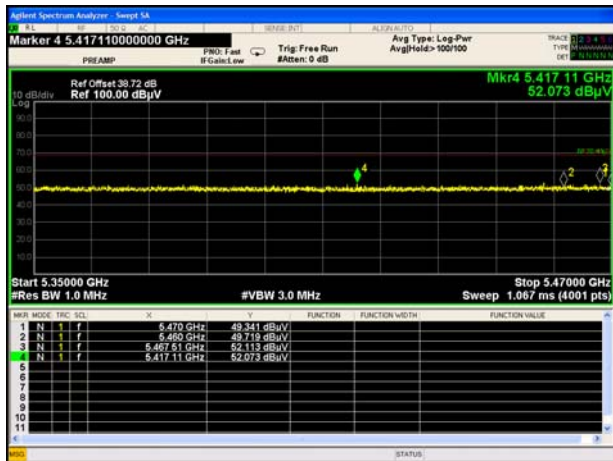
Band 2C 11n20 CH100 AV



Band 2C 11n20 CH140 AV



Band 2C 11n20 CH144 Peak



Band 2C 11n40 CH102 Peak



Band 2C 11n40 CH134 Peak



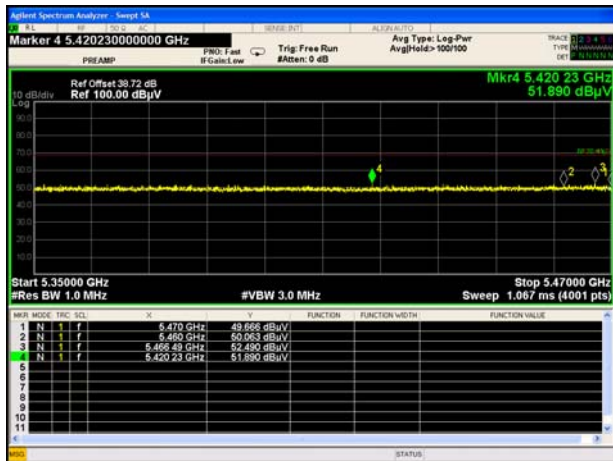
Band 2C 11n40 CH102 AV



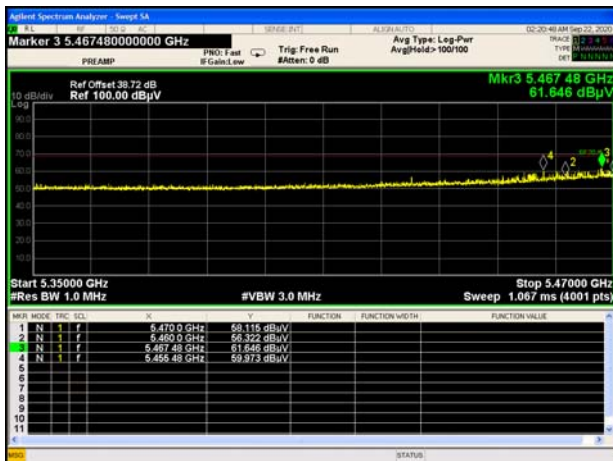
Band 2C 11n40 CH102 AV



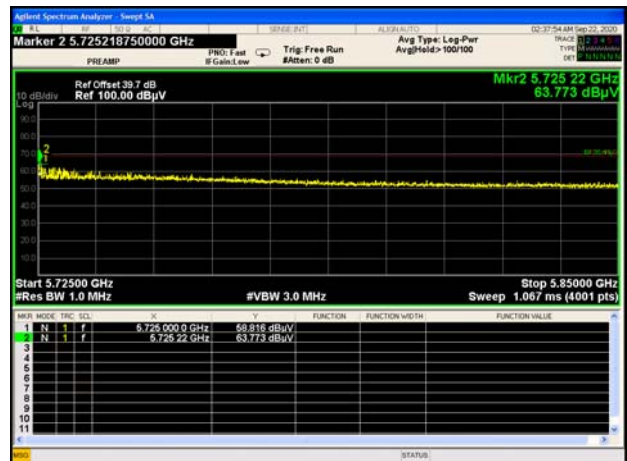
Band 2C 11n40 CH142 Peak



Band 2C 11ac20 CH100 Peak



Band 2C 11ac20 CH140 Peak



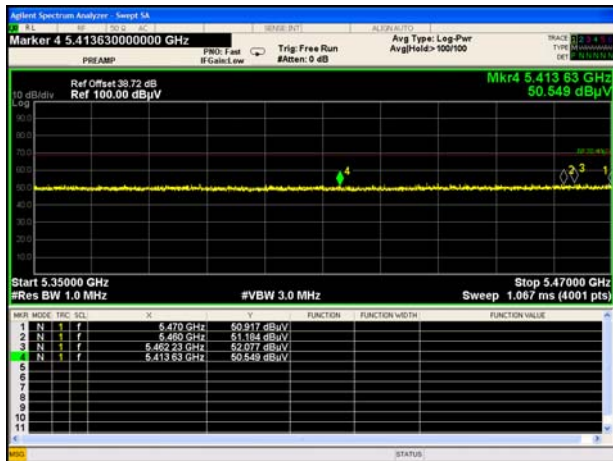
Band 2C 11ac20 CH100 AV



Band 2C 11ac20 CH100 AV



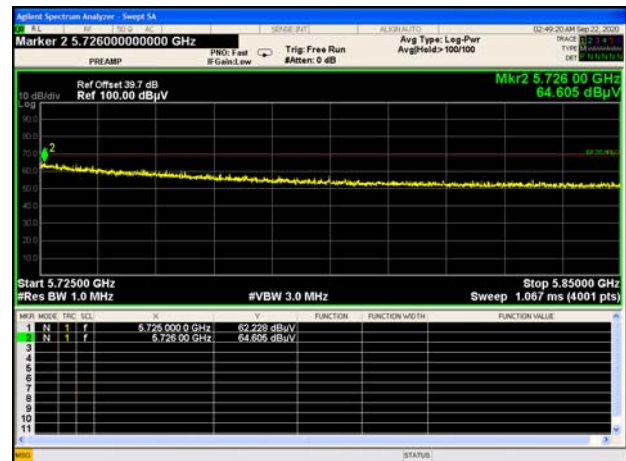
Band 2C 11ac20 CH144 Peak



Band 2C 11ac40 CH102 Peak



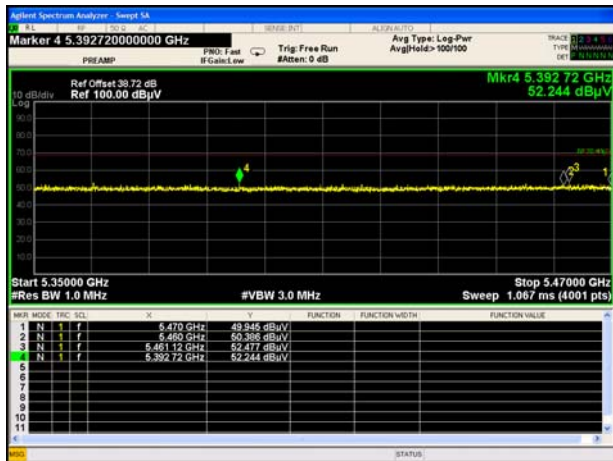
Band 2C 11ac40 CH134 Peak



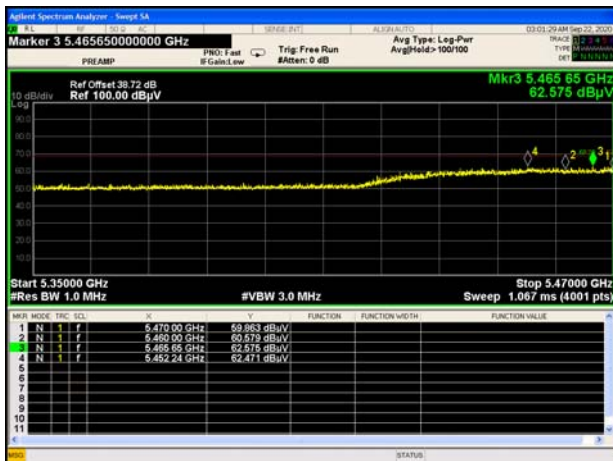
Band 2C 11ac40 CH102 AV



Band 2C 11ac40 CH142 Peak



Band 2C 11ac80 CH106 Peak



Band 2C 11ac80 CH122 Peak



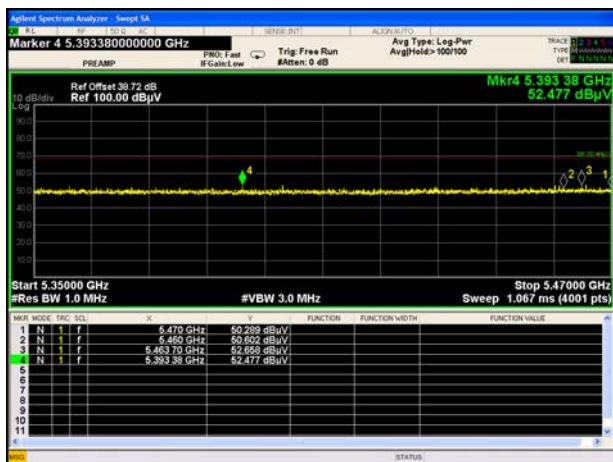
Band 2C 11ac80 CH106 Peak



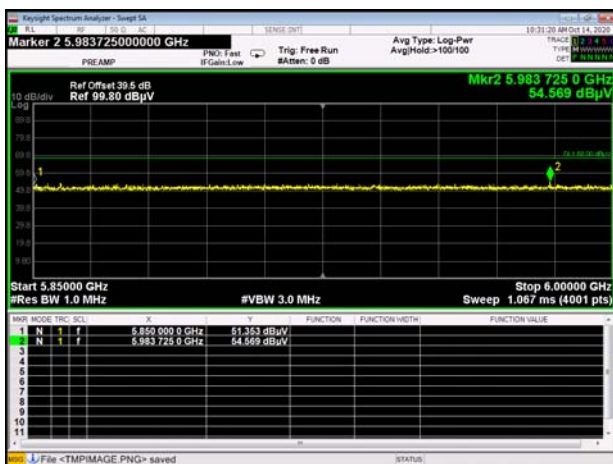
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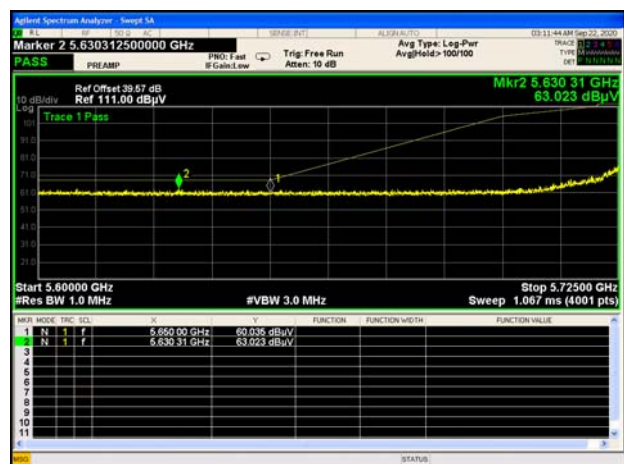
Band 2C 11ac80 CH138 Peak



Band 3 11a CH144 Peak



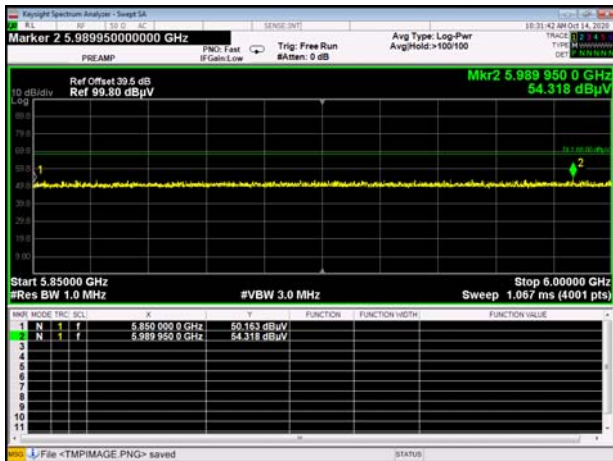
Band 3 11a CH149 Peak



Band 3 11a CH165 Peak



Band 3 11n20 CH144 Peak



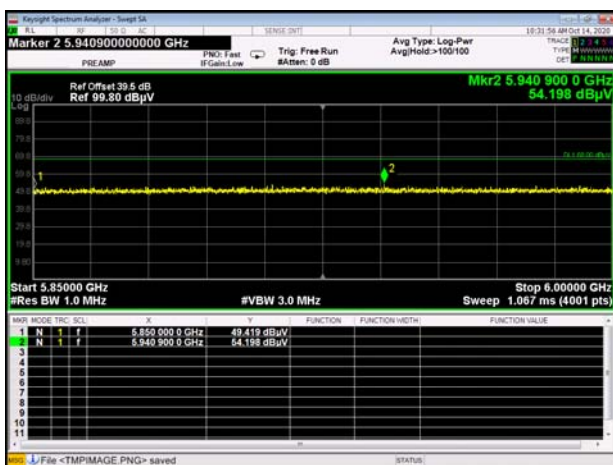
Band 3 11n20 CH149 Peak



Band 3 11n20 CH165 Peak



Band 3 11n40 CH142 Peak



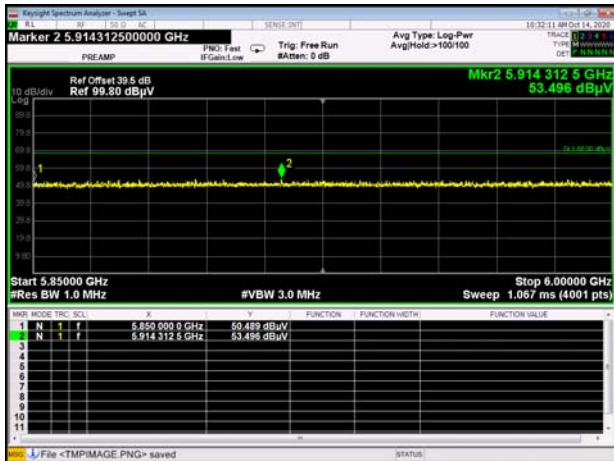
Band 3 11n40 CH151 Peak



Band 3 11n40 CH159 Peak



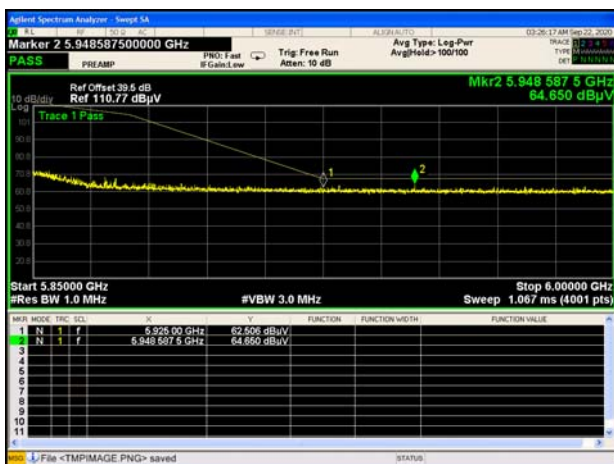
Band 3 11ac20 CH144 Peak



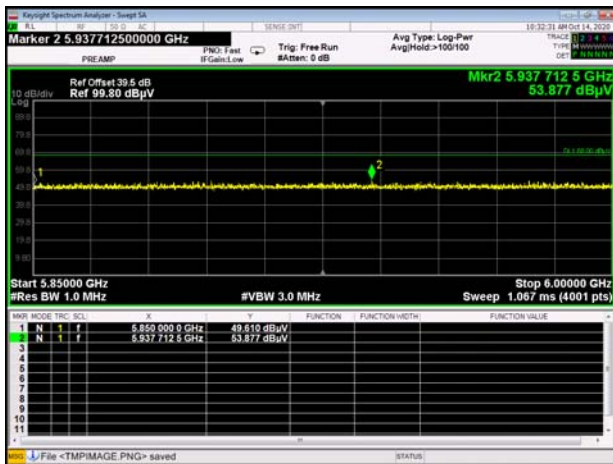
Band 3 11ac20 CH149 Peak



Band 3 11ac20 CH165 Peak



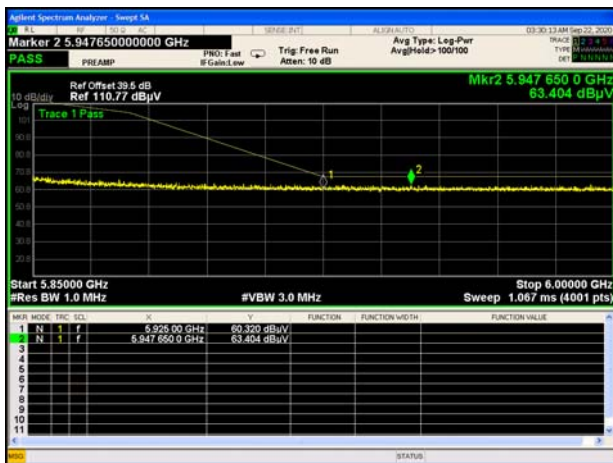
Band 3 11ac40 CH142 Peak



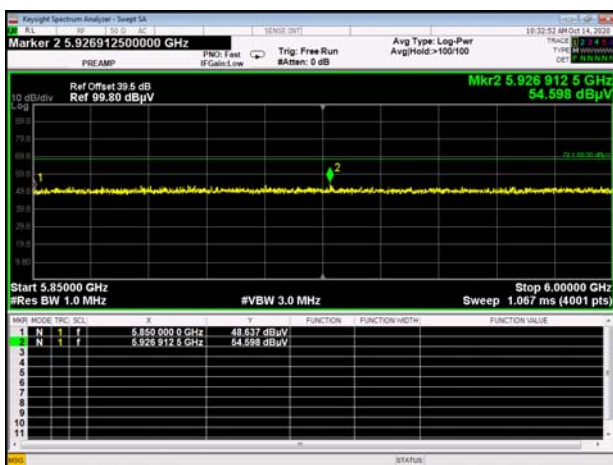
Band 3 11ac40 CH151 Peak



Band 3 11ac40 CH159 Peak



Band 3 11ac80 CH138 Peak



Band 3 11ac80 CH155 Peak



Band 3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document "BL-SZ2090180-AR.PDF".

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document "BL-SZ2090180-AW.PDF".

ANNEX D EUT INTERNAL PHOTOS

Please refer the document "BL-SZ2090180-AI.PDF".

--END OF REPORT--