FCC RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

LAPTOP

ISSUED TO
HUNAN GREATWALL COMPUTER SYSTEM CO., LTD

Tianyi Science and Technology Town, Xiangyun Road, Tianyuan District,Zhuzhou, Hunan, P.R. China

Prepared by: Ye Hongji
Date: Oct. 16, 2020

Approved by: Wei Yanquan (Chief Engineer)
Date: Oct. 16, 2020

Report No.:	BL-SZ2090561-604
EUT Name:	LAPTOP
Model Name:	EVC156-1 (refer section 2.4)
Brand Name:	EVOO
Test Standard:	47 CFR Part 15 Subpart E
FCC ID:	2APUQ-EVC156
Test Conclusion:	Pass
Test Date:	Sep. 21, 2020 ~ Sep. 30, 2020
Date of Issue:	Oct. 16, 2020

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Revision History

Version	Issue Date	Revisions Content
Rev. 01	Oct. 16, 2020	Initial Issue

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1 ADMINISTRATIVE DATA (GENERAL INFORMATION)

1.1 Identification of the Testing Laboratory

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

1.2 Identification of the Responsible Testing Location

Test Location	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1. The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196. 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℃ to 25℃
Ambient Relative Humidity	45% to 55%
Ambient Pressure	100 kPa to 102 kPa

1.4 Announce

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

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

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

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

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

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

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

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	HUNAN GREATWALL COMPUTER SYSTEM CO., LTD
Address	Tianyi Science and Technology Town, Xiangyun Road, Tianyuan District,Zhuzhou, Hunan, P.R. China

2.2 Manufacturer

Manufacturer	HUNAN GREATWALL COMPUTER SYSTEM CO., LTD
Address	Tianyi Science and Technology Town, Xiangyun Road, Tianyuan District, Zhuzhou, Hunan, P.R. China

2.3 Factory

Factory	HUNAN GREATWALL COMPUTER SYSTEM CO., LTD
Address	Tianyi Science and Technology Town, Xiangyun Road, Tianyuan District, Zhuzhou, Hunan, P.R. China

2.4 General Description for Equipment under Test (EUT)

EUT Name	LAPTOP
Model Name Under Test	EVC156-1
Series Model Name	EVC156-2
Description of Model name differentiation	All models are same with electrical parameters and internal circuit structure, but only different on model name.
Serial Number	N/A
Hardware Version	XU133SR400
Software Version	OS Name: Microsoft Windows 10 Home 2004 Versios: 20H1
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.5 Technical Information

Network and Wireless connectivity	Bluetooth 4.2 (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac Band 1/3 SRD

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 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: 14.38 dBm Band 3: 14.33 dBm
Antenna System (eg., MIMO, Smart Antenna)		Cyclic Delay Diversity (CDD)
Categorization as Correlated or Completely Uncorrelated		Correlated
Antenna Type	Main Antenna	FPC Antenna
	Aux. Antenna	
Antenna Gain	Main Antenna	1.62 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
	Aux. Antenna	
Total directional gain	For power spectral density(PSD) measurements	4.62 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain = 10 log(NANT/NSS) dB*. *NSS* =1, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	1.62 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.
About the Product		The equipment is LAPTOP, intended for used with information technology equipment.

2.6 Additional Instructions

EUT Software Settings:

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

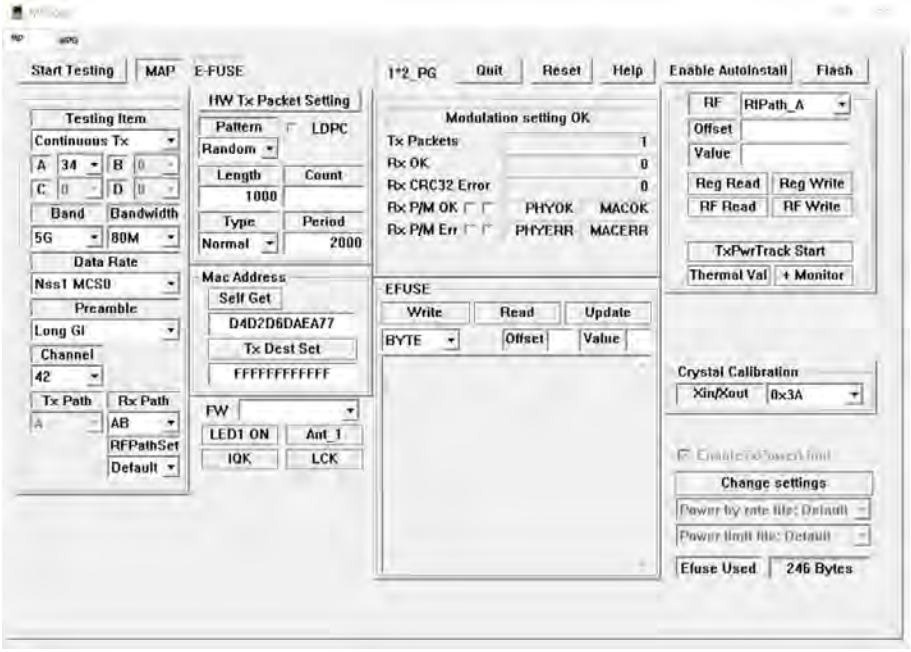
During testing, Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final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

Test Software Version	MPTool

Band 1 (5150 - 5250 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH36	5180	43	44
11a	CH44	5220	43	44
11a	CH48	5240	42	43
11n (HT20)	CH36	5180	42	43
11n (HT20)	CH44	5220	41	42
11n (HT20)	CH48	5240	41	41
11n (HT40)	CH38	5190	47	47
11n (HT40)	CH46	5230	47	47
11ac (VHT20)	CH36	5180	40	40
11ac (VHT20)	CH44	5220	39	39
11ac (VHT20)	CH48	5240	39	39
11ac (VHT40)	CH38	5190	45	45
11ac (VHT40)	CH46	5230	44	45
11ac (VHT80)	CH42	5210	40	40

Band 3 (5725 - 5850 MHz) Power level setup in software				
Mode	Channel	Frequency (MHz)	Soft Set	
			Main Antenna	Aux. Antenna
11a	CH149	5745	40	41
11a	CH157	5785	41	41
11a	CH165	5825	42	42
11n (HT20)	CH149	5745	38	40
11n (HT20)	CH157	5785	39	40
11n (HT20)	CH165	5825	40	40
11n (HT40)	CH151	5755	44	45
11n (HT40)	CH159	5795	44	45
11ac (VHT20)	CH149	5745	36	38
11ac (VHT20)	CH157	5785	36	38
11ac (VHT20)	CH165	5825	37	38
11ac (VHT40)	CH151	5755	42	43
11ac (VHT40)	CH159	5795	42	43
11ac (VHT80)	CH155	5775	37	38

Run Software



2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**155**	**5775**
44	**5220**	**151**	**5755**		
48	**5240**	**159**	**5795**		
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 3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	149	Low	5745
44	Mid	5220	157	Mid	5785
48	High	5240	165	High	5825

For 802.11n(HT40)/ac(VHT40)

Band 1 (5150 - 5250 MHz)			Band 3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	151	Low	5755
46	High	5230	159	High	5795

For 802.11ac(VHT80)

Band 1 (5150 - 5250 MHz)			Band 3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	155	Mid	5775

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 Channel	Band 3 Channel
RF Output Power	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
6 dB bandwidth	11a	6	BPSK	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	165/157/149
	11n(40 MHz)	13.5		N/A	159/151
	11ac(20 MHz)	6.5		N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	159/151
	11ac(80 MHz)	29.3		N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155
Band Edge (Restricted-band)	11a	6	BPSK	48/44/36	165/157/149
	11n(20 MHz)	6.5		48/44/36	165/157/149
	11n(40 MHz)	13.5		46/38	159/151
	11ac(20 MHz)	6.5		48/44/36	165/157/149
	11ac(40 MHz)	13.5		46/38	159/151
	11ac(80 MHz)	29.3		42	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E (10-1-16 Edition)	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	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℃ to +25℃
	LT (Low Temperature)	-10℃
	HT (High Temperature)	+45℃
Working Voltage of the EUT	NV (Normal Voltage)	11.40 V
	LV (Low Voltage)	10.50 V
	HV (High Voltage)	13.05 V

4.2 Test Equipment List

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

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Sound Level Meter	B&K	NL-20	00844023	2019.11.12	2020.11.11
Ear Simulator	B&K	4185	2409449	2019.11.12	2020.11.11
Ear Simulator	B&K	4195	2418189	2019.11.12	2020.11.11
Audio analyzer	B&K	UPL 16	100129	2019.11.12	2020.11.11

4.3 Measurement Uncertainty

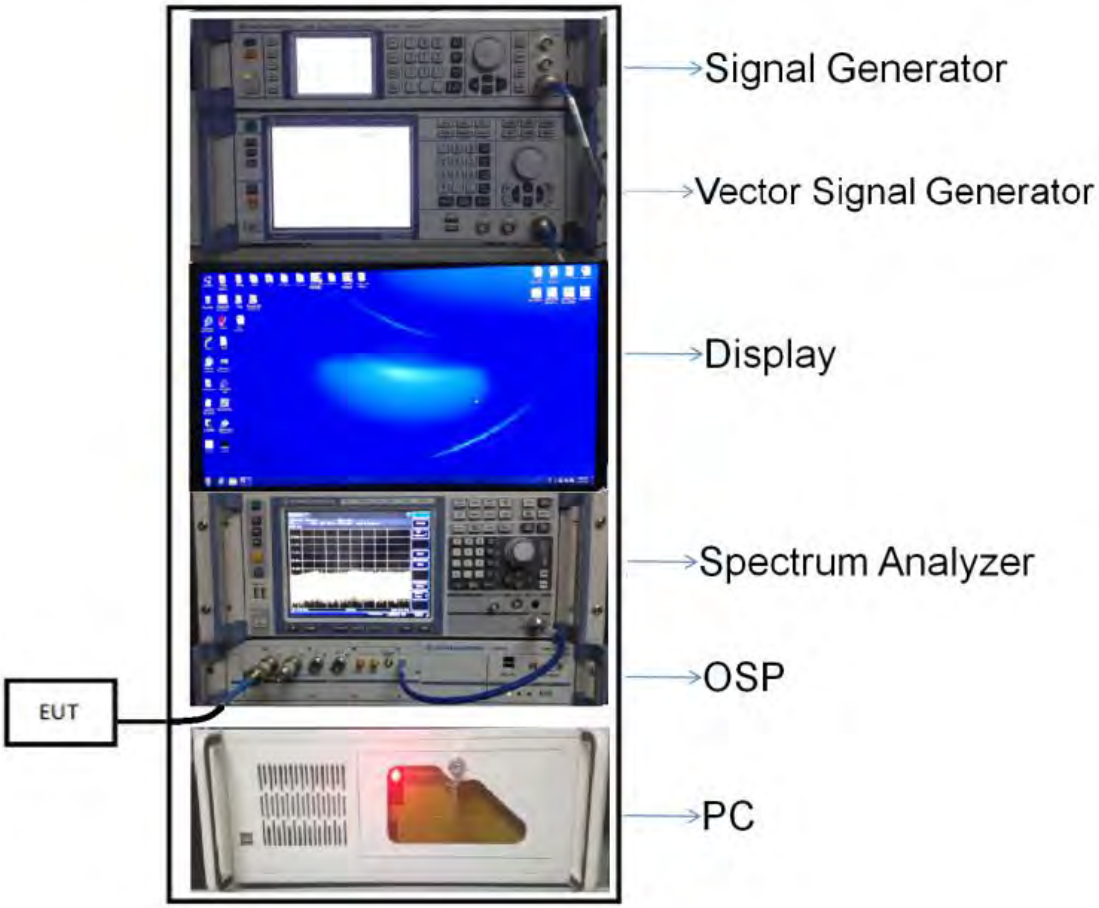
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

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

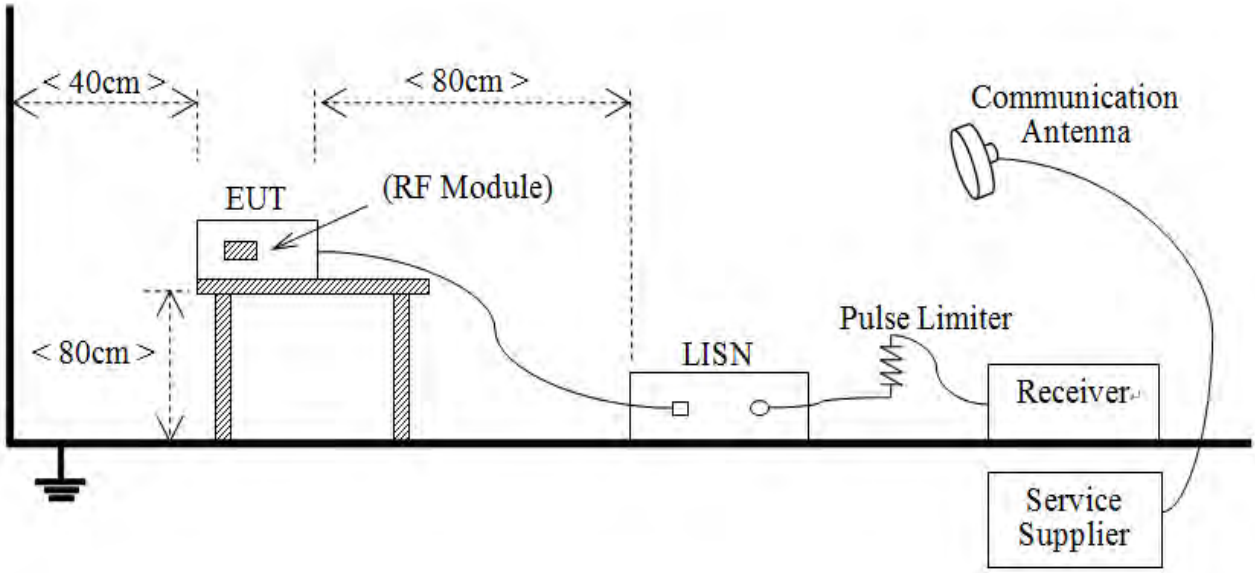
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



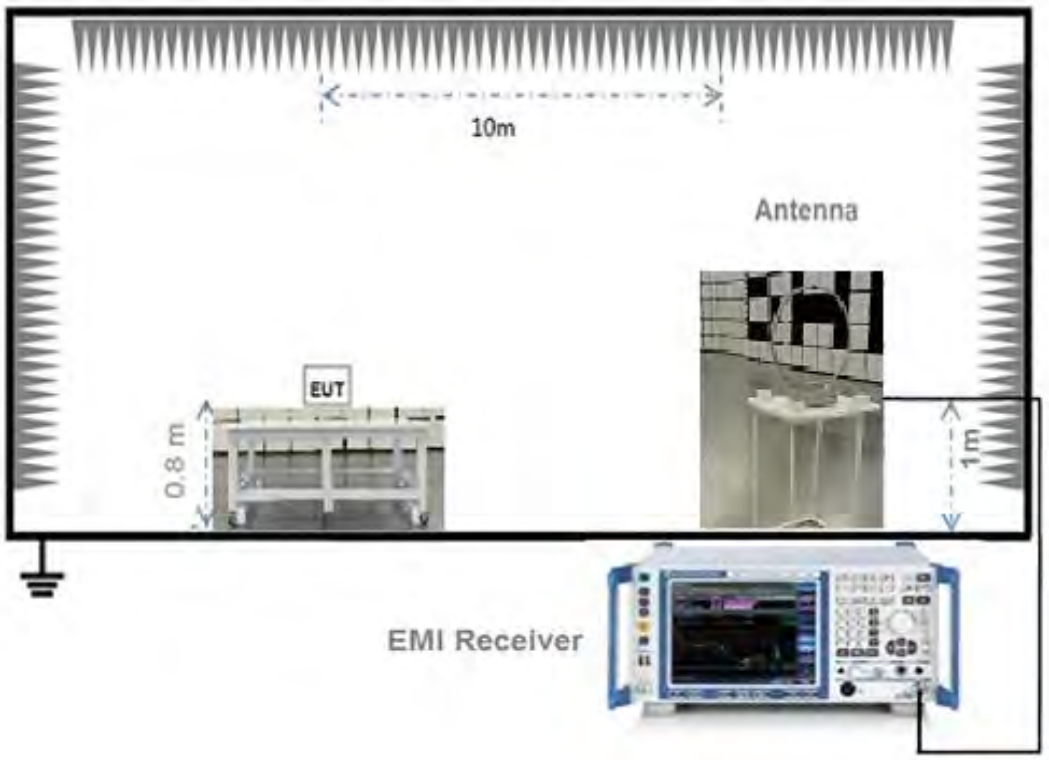
(Diagram 1)

4.4.2 For AC Power Supply Port Test



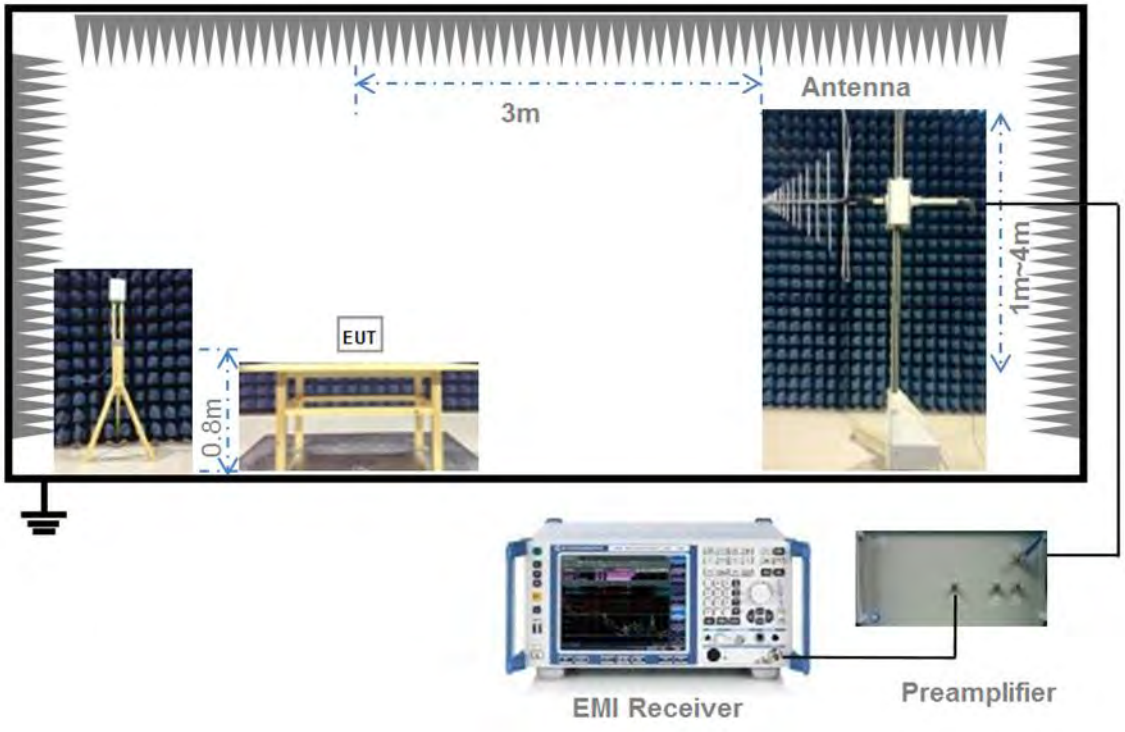
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



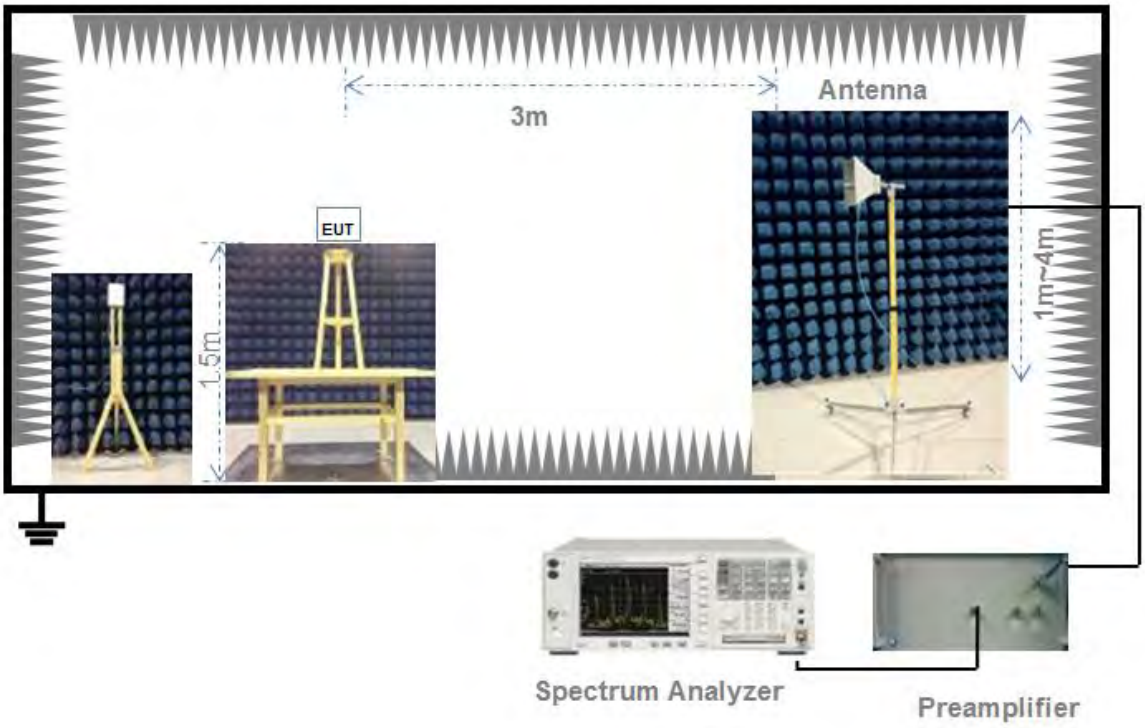
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

RSS-247, 6.2

The maximum conducted output power shall not exceed:

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

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

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

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

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

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a), RSS-247, 6.2

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

5.2.2 Test Setup

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

5.2.3 Test Procedure

Emission bandwidth

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

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

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

Occupied Bandwidth

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

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

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

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

6 dB bandwidth

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

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

3. Allow the trace to stabilize.

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

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

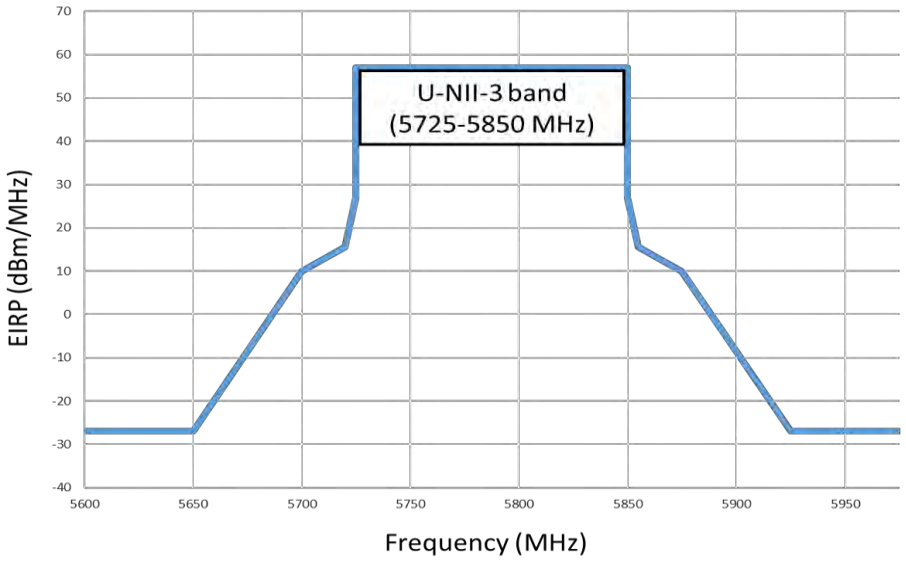
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

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

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

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

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

5.5.2 Test Setup

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

setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

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

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

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

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

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

$E = EIRP – 20\log D + 104.8$

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

d) VBW ≥ 3 x RBW.

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

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

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

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

g) Sweep time = auto.

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

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

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

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

x is the duty cycle.

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

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

Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Test Data

Conducted Power

Main Antenna

Band 1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.15	26.00	250	Pass
11a	CH44	14.23	26.49	250	Pass
11a	CH48	14.16	26.06	250	Pass
11n (HT20)	CH36	13.26	21.18	250	Pass
11n (HT20)	CH44	13.38	21.78	250	Pass
11n (HT20)	CH48	13.11	20.46	250	Pass
11n (HT40)	CH38	13.33	21.53	250	Pass
11n (HT40)	CH46	13.19	20.84	250	Pass
11ac (VHT20)	CH36	12.16	16.44	250	Pass
11ac (VHT20)	CH44	12.20	16.60	250	Pass
11ac (VHT20)	CH48	12.28	16.90	250	Pass
11ac (VHT40)	CH38	12.12	16.29	250	Pass
11ac (VHT40)	CH46	12.13	16.33	250	Pass
11ac (VHT80)	CH42	12.26	16.83	250	Pass

Band 3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.17	26.12	1000	Pass
11a	CH157	14.15	26.00	1000	Pass
11a	CH165	14.32	27.04	1000	Pass
11n (HT20)	CH149	13.32	21.48	1000	Pass
11n (HT20)	CH157	13.22	20.99	1000	Pass
11n (HT20)	CH165	13.17	20.75	1000	Pass
11n (HT40)	CH151	13.26	21.18	1000	Pass
11n (HT40)	CH159	13.12	20.51	1000	Pass
11ac (VHT20)	CH149	12.25	16.79	1000	Pass
11ac (VHT20)	CH157	12.27	16.87	1000	Pass
11ac (VHT20)	CH165	12.23	16.71	1000	Pass
11ac (VHT40)	CH151	12.30	16.98	1000	Pass
11ac (VHT40)	CH159	12.14	16.37	1000	Pass
11ac (VHT80)	CH155	12.33	17.10	1000	Pass

Aux. Antenna

Band 1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.22	26.42	250	Pass
11a	CH44	14.34	27.16	250	Pass
11a	CH48	14.38	27.42	250	Pass
11n (HT20)	CH36	13.35	21.63	250	Pass
11n (HT20)	CH44	13.22	20.99	250	Pass
11n (HT20)	CH48	13.13	20.56	250	Pass
11n (HT40)	CH38	13.30	21.38	250	Pass
11n (HT40)	CH46	13.27	21.23	250	Pass
11ac (VHT20)	CH36	12.22	16.67	250	Pass
11ac (VHT20)	CH44	12.11	16.26	250	Pass
11ac (VHT20)	CH48	12.19	16.56	250	Pass
11ac (VHT40)	CH38	12.18	16.52	250	Pass
11ac (VHT40)	CH46	12.15	16.41	250	Pass
11ac (VHT80)	CH42	12.26	16.83	250	Pass

Band 3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.33	27.10	1000	Pass
11a	CH157	14.25	26.61	1000	Pass
11a	CH165	14.15	26.00	1000	Pass
11n (HT20)	CH149	13.36	21.68	1000	Pass
11n (HT20)	CH157	13.38	21.78	1000	Pass
11n (HT20)	CH165	13.23	21.04	1000	Pass
11n (HT40)	CH151	13.25	21.13	1000	Pass
11n (HT40)	CH159	13.19	20.84	1000	Pass
11ac (VHT20)	CH149	12.31	17.02	1000	Pass
11ac (VHT20)	CH157	12.37	17.26	1000	Pass
11ac (VHT20)	CH165	12.33	17.10	1000	Pass
11ac (VHT40)	CH151	12.26	16.83	1000	Pass
11ac (VHT40)	CH159	12.27	16.87	1000	Pass
11ac (VHT80)	CH155	12.21	16.63	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2090561-604 Data Part 1.pdf”.

Test Data

Main Antenna

Band 1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.12	16.56
11a	CH44	20.04	16.56
11a	CH48	20.08	16.56
11n (HT20)	CH36	21.04	17.66
11n (HT20)	CH44	20.96	17.60
11n (HT20)	CH48	21.04	17.66
11n (HT40)	CH38	42.30	36.47
11n (HT40)	CH46	42.10	36.24
11ac (VHT20)	CH36	21.04	17.71
11ac (VHT20)	CH44	21.00	17.66
11ac (HVT20)	CH48	21.00	17.66
11ac (VHT40)	CH38	42.30	36.47
11ac (VHT40)	CH46	42.10	36.35
11ac (VHT80)	CH42	82.60	75.72

Band 3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.08	16.56
11a	CH157	20.16	16.61
11a	CH165	20.20	16.56
11n (HT20)	CH149	21.00	17.66
11n (HT20)	CH157	21.00	17.66
11n (HT20)	CH165	21.04	17.66
11n (HT40)	CH151	42.30	36.35
11n (HT40)	CH159	42.10	36.35
11ac (VHT20)	CH149	21.00	17.71
11ac (VHT20)	CH157	21.04	17.71
11ac (VHT20)	CH165	21.04	17.71
11ac (VHT40)	CH151	42.20	36.35
11ac (VHT40)	CH159	42.00	36.35
11ac (VHT80)	CH155	82.80	75.48

Aux. Antenna

Band 1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.08	16.56
11a	CH44	20.04	16.56
11a	CH48	20.08	16.56
11n (HT20)	CH36	21.08	17.66
11n (HT20)	CH44	21.04	17.66
11n (HT20)	CH48	21.00	17.66
11n (HT40)	CH38	42.20	36.47
11n (HT40)	CH46	42.20	36.24
11ac (VHT20)	CH36	21.04	17.71
11ac (VHT20)	CH44	20.96	17.71
11ac (HVT20)	CH48	21.00	17.66
11ac (VHT40)	CH38	42.20	36.47
11ac (VHT40)	CH46	42.20	36.24
11ac (VHT80)	CH42	82.60	75.72

Band 3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.12	16.56
11a	CH157	20.12	16.61
11a	CH165	20.16	16.56
11n (HT20)	CH149	21.00	17.66
11n (HT20)	CH157	21.00	17.71
11n (HT20)	CH165	21.04	17.66
11n (HT40)	CH151	42.30	36.47
11n (HT40)	CH159	42.10	36.35
11ac (VHT20)	CH149	21.04	17.66
11ac (VHT20)	CH157	21.00	17.71
11ac (VHT20)	CH165	21.00	17.71
11ac (VHT40)	CH151	42.30	36.35
11ac (VHT40)	CH159	42.10	36.35
11ac (VHT80)	CH155	82.80	75.48

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ2090561-604 Data Part 2.pdf”.

Test Data

Main Antenna

Band 3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.67	500.00	Pass
11a	CH157	16.67	500.00	Pass
11a	CH165	16.62	500.00	Pass
11n (HT20)	CH149	17.67	500.00	Pass
11n (HT20)	CH157	17.72	500.00	Pass
11n (HT20)	CH165	17.67	500.00	Pass
11n (HT40)	CH151	36.47	500.00	Pass
11n (HT40)	CH159	36.47	500.00	Pass
11ac (VHT20)	CH149	17.72	500.00	Pass
11ac (VHT20)	CH157	17.67	500.00	Pass
11ac (VHT20)	CH165	17.67	500.00	Pass
11ac (VHT40)	CH151	36.47	500.00	Pass
11ac (VHT40)	CH159	36.47	500.00	Pass
11ac (VHT80)	CH155	76.12	500.00	Pass

Aux. Antenna

Band 3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.67	500.00	Pass
11a	CH157	16.67	500.00	Pass
11a	CH165	16.62	500.00	Pass
11n (HT20)	CH149	17.67	500.00	Pass
11n (HT20)	CH157	17.67	500.00	Pass
11n (HT20)	CH165	17.67	500.00	Pass
11n (HT40)	CH151	36.47	500.00	Pass
11n (HT40)	CH159	36.47	500.00	Pass
11ac (VHT20)	CH149	17.67	500.00	Pass
11ac (VHT20)	CH157	17.72	500.00	Pass
11ac (VHT20)	CH165	17.67	500.00	Pass
11ac (VHT40)	CH151	36.47	500.00	Pass
11ac (VHT40)	CH159	36.47	500.00	Pass
11ac (VHT80)	CH155	75.92	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document “Annex No.: BL-SZ2090561-604 Data Part 3.pdf”.

Test Data

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

Main Antenna

Band 1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	0.31	11.00	Pass
11a	CH44	1.05	11.00	Pass
11a	CH48	-0.32	11.00	Pass
11n (HT20)	CH36	-0.33	11.00	Pass
11n (HT20)	CH44	-0.12	11.00	Pass
11n (HT20)	CH48	-0.16	11.00	Pass
11n (HT40)	CH38	-1.17	11.00	Pass
11n (HT40)	CH46	-0.40	11.00	Pass
11ac (VHT20)	CH36	-1.30	11.00	Pass
11ac (VHT20)	CH44	-1.08	11.00	Pass
11ac (VHT20)	CH48	-1.10	11.00	Pass
11ac (VHT40)	CH38	-2.04	11.00	Pass
11ac (VHT40)	CH46	-1.71	11.00	Pass
11ac (VHT80)	CH42	-5.64	11.00	Pass

Band 3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.93	30.00	Pass
11a	CH157	-1.73	30.00	Pass
11a	CH165	-2.31	30.00	Pass
11n (HT20)	CH149	-3.47	30.00	Pass
11n (HT20)	CH157	-2.79	30.00	Pass
11n (HT20)	CH165	-3.46	30.00	Pass
11n (HT40)	CH151	-3.91	30.00	Pass
11n (HT40)	CH159	-3.72	30.00	Pass
11ac (VHT20)	CH149	-4.43	30.00	Pass
11ac (VHT20)	CH157	-4.10	30.00	Pass
11ac (HVT20)	CH165	-4.78	30.00	Pass
11ac (VHT40)	CH151	-4.80	30.00	Pass
11ac (VHT40)	CH159	-4.74	30.00	Pass
11ac (VHT80)	CH155	-6.95	30.00	Pass

Aux. Antenna

Band 1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	0.92	11.00	Pass
11a	CH44	1.34	11.00	Pass
11a	CH48	0.84	11.00	Pass
11n (HT20)	CH36	-0.17	11.00	Pass
11n (HT20)	CH44	0.04	11.00	Pass
11n (HT20)	CH48	-0.50	11.00	Pass
11n (HT40)	CH38	-1.43	11.00	Pass
11n (HT40)	CH46	-0.77	11.00	Pass
11ac (VHT20)	CH36	-1.61	11.00	Pass
11ac (VHT20)	CH44	-1.45	11.00	Pass
11ac (VHT20)	CH48	-1.49	11.00	Pass
11ac (VHT40)	CH38	-2.30	11.00	Pass
11ac (VHT40)	CH46	-1.65	11.00	Pass
11ac (VHT80)	CH42	-5.99	11.00	Pass

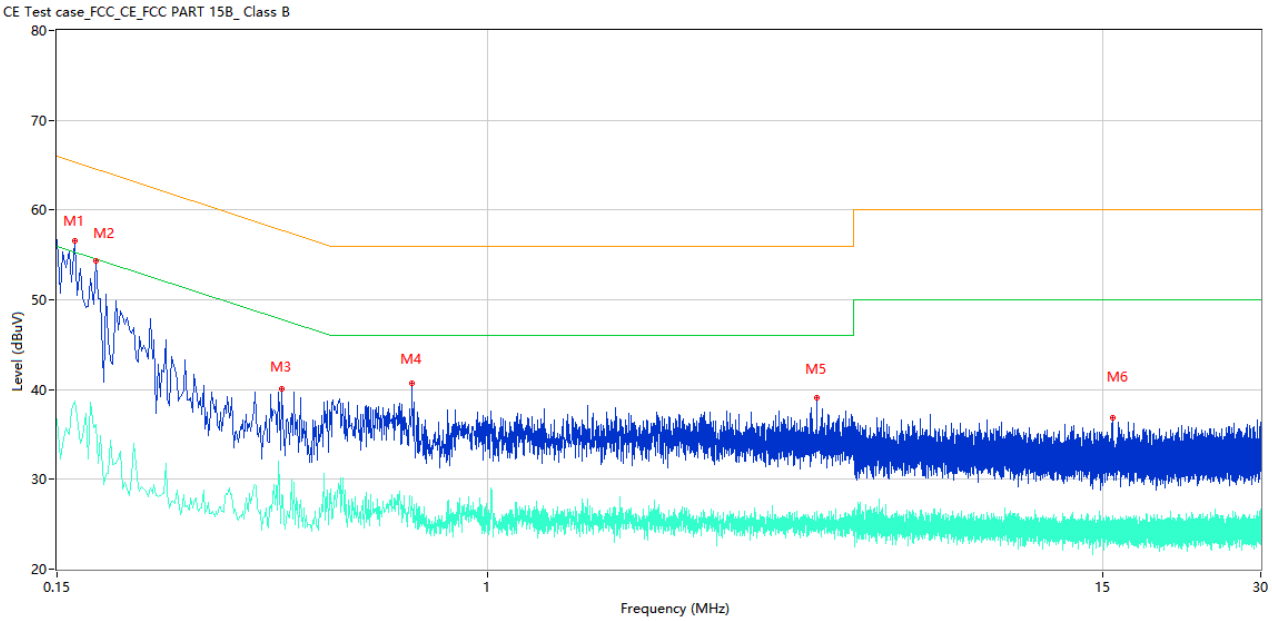
Band 3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.43	30.00	Pass
11a	CH157	-2.21	30.00	Pass
11a	CH165	-2.43	30.00	Pass
11n (HT20)	CH149	-3.17	30.00	Pass
11n (HT20)	CH157	-2.81	30.00	Pass
11n (HT20)	CH165	-3.56	30.00	Pass
11n (HT40)	CH151	-3.53	30.00	Pass
11n (HT40)	CH159	-3.20	30.00	Pass
11ac (VHT20)	CH149	-3.98	30.00	Pass
11ac (VHT20)	CH157	-3.61	30.00	Pass
11ac (HVT20)	CH165	-4.38	30.00	Pass
11ac (VHT40)	CH151	-4.21	30.00	Pass
11ac (VHT40)	CH159	-3.98	30.00	Pass
11ac (VHT80)	CH155	-8.49	30.00	Pass

A.5 Conducted Emissions

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

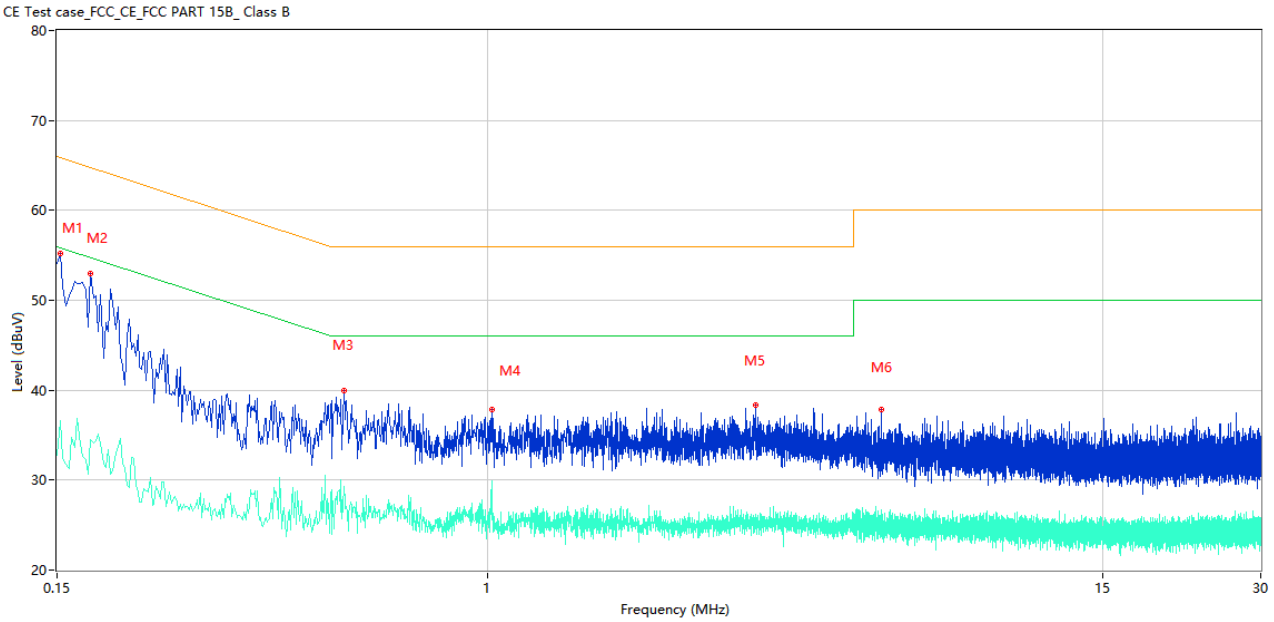
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.162	56.55	10.40	65.36	-8.81	Peak	L	Pass
1**	0.162	38.68	10.40	55.36	-16.68	AV	L	Pass
2	0.178	54.37	10.39	64.58	-10.21	Peak	L	Pass
2**	0.178	36.07	10.39	54.58	-18.51	AV	L	Pass
3	0.404	40.09	10.31	57.77	-17.68	Peak	L	Pass
3**	0.404	28.25	10.31	47.77	-19.52	AV	L	Pass
4	0.716	40.76	10.27	56.00	-15.24	Peak	L	Pass
4**	0.716	28.02	10.27	46.00	-17.98	AV	L	Pass
5	4.260	39.05	10.30	56.00	-16.95	Peak	L	Pass
5**	4.260	25.76	10.30	46.00	-20.24	AV	L	Pass
6	15.646	36.82	10.42	60.00	-23.18	Peak	L	Pass
6**	15.646	25.84	10.42	50.00	-24.16	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.150	54.14	10.41	66.00	-11.86	Peak	N	Pass
1**	0.150	32.80	10.41	56.00	-23.20	AV	N	Pass
2	0.174	52.97	10.39	64.77	-11.80	Peak	N	Pass
2**	0.174	34.51	10.39	54.77	-20.26	AV	N	Pass
3	0.530	39.98	10.29	56.00	-16.02	Peak	N	Pass
3**	0.530	29.35	10.29	46.00	-16.65	AV	N	Pass
4	1.016	37.86	10.23	56.00	-18.14	Peak	N	Pass
4**	1.016	29.97	10.23	46.00	-16.03	AV	N	Pass
5	3.242	38.33	10.30	56.00	-17.67	Peak	N	Pass
5**	3.242	26.22	10.30	46.00	-19.78	AV	N	Pass
6	5.658	37.88	10.31	60.00	-22.12	Peak	N	Pass
6**	5.658	25.89	10.31	50.00	-24.11	AV	N	Pass

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

Test Data

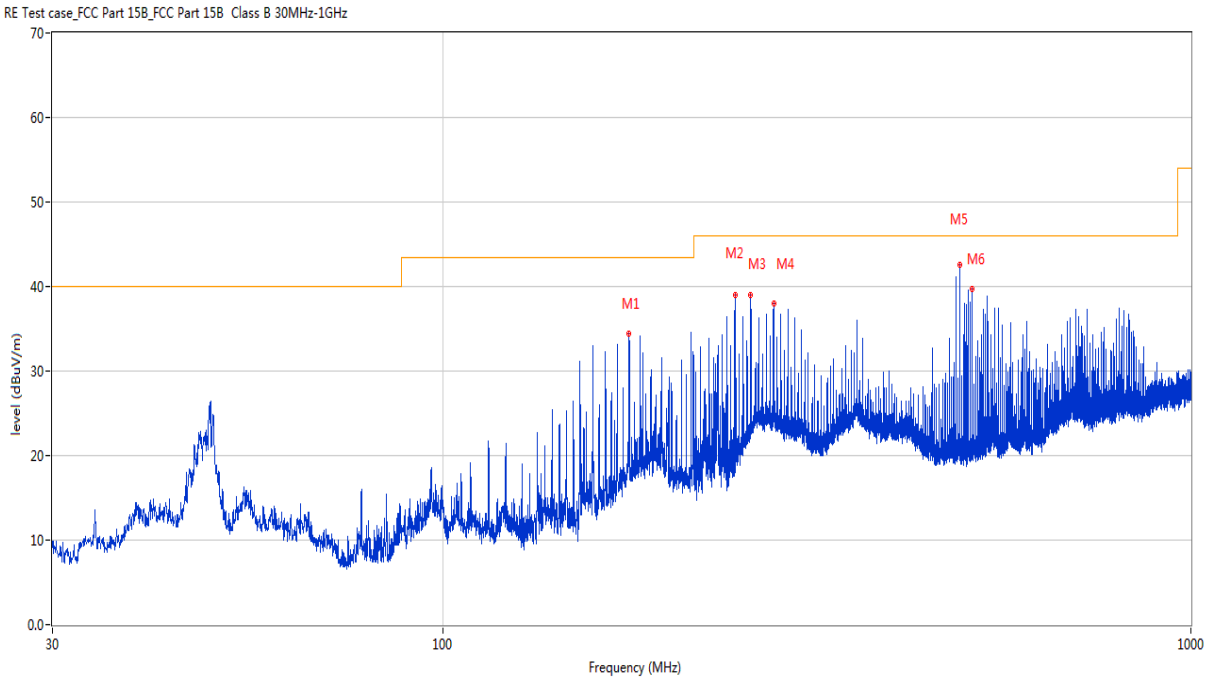
Note [1]: The symbol of "--" in the table which means not application.

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

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

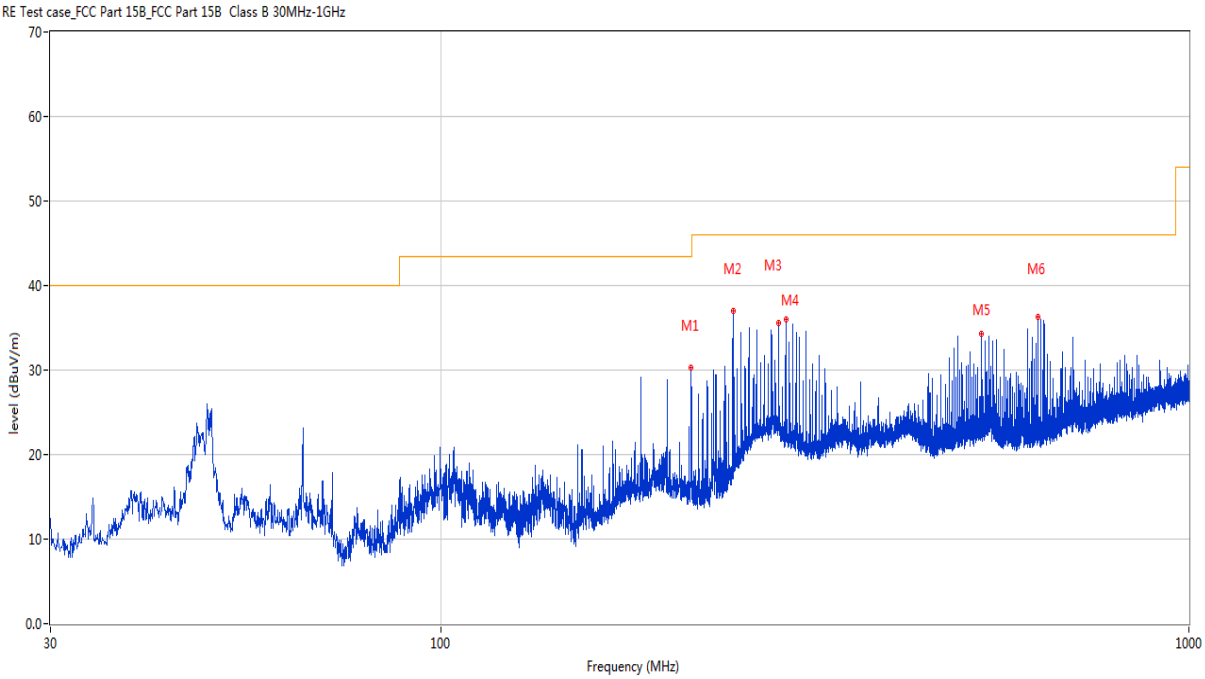
Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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	177.197	34.48	-26.24	43.5	-9.02	Peak	226.00	200	Horizontal	Pass
2	245.583	38.96	-23.02	46.0	-7.04	Peak	93.80	100	Horizontal	Pass
3	257.853	39.07	-22.75	46.0	-6.93	Peak	266.50	100	Horizontal	Pass
4	276.526	38.00	-21.96	46.0	-8.00	Peak	119.10	100	Horizontal	Pass
5	490.992	42.64	-17.06	46.0	-3.36	Peak	213.00	200	Horizontal	Pass
6	509.762	39.72	-16.46	46.0	-6.28	Peak	200.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	215.900	30.31	-23.90	43.5	-13.19	Peak	193.60	200	Vertical	Pass
2	245.534	36.96	-23.01	46.0	-9.04	Peak	189.40	200	Vertical	Pass
3	282.782	35.54	-21.81	46.0	-10.46	Peak	176.50	200	Vertical	Pass
4	288.893	35.96	-21.93	46.0	-10.04	Peak	244.50	200	Vertical	Pass
5	528.289	34.34	-15.94	46.0	-11.66	Peak	113.00	200	Vertical	Pass
6	627.569	36.28	-14.00	46.0	-9.72	Peak	358.10	100	Vertical	Pass

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

Main Antenna

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	1553.700	38.02	-17.54	74.0	-35.98	Peak	142.00	150	Horizontal	Pass
1**	1553.700	27.32	-17.54	54.0	-26.68	AV	142.00	150	Horizontal	Pass
2	2752.400	42.31	-10.84	74.0	-31.69	Peak	224.00	150	Horizontal	Pass
2**	2752.400	33.68	-10.84	54.0	-20.32	AV	224.00	150	Horizontal	Pass
3	3924.200	46.24	-5.38	74.0	-27.76	Peak	250.00	150	Horizontal	Pass
3**	3924.200	37.90	-5.38	54.0	-16.10	AV	250.00	150	Horizontal	Pass
4	5179.200	101.04	-2.68	--	--	Peak	348.00	150	Horizontal	N/A
4**	5179.200	93.37	-2.68	--	--	AV	348.00	150	Horizontal	N/A
5	11440.725	50.30	-0.07	74.0	-23.70	Peak	293.00	150	Horizontal	Pass
5**	11440.725	40.71	-0.07	54.0	-13.29	AV	293.00	150	Horizontal	Pass
6	15618.338	53.71	1.58	74.0	-20.29	Peak	360.00	150	Horizontal	Pass
6**	15618.338	43.67	1.58	54.0	-10.33	AV	360.00	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	1065.000	36.51	-18.38	74.0	-37.49	Peak	292.00	150	Vertical	Pass
1**	1065.000	25.07	-18.38	54.0	-28.93	AV	292.00	150	Vertical	Pass
2	2823.200	42.74	-10.28	74.0	-31.26	Peak	30.00	150	Vertical	Pass
2**	2823.200	33.46	-10.28	54.0	-20.54	AV	30.00	150	Vertical	Pass
3	4035.800	46.66	-4.83	74.0	-27.34	Peak	272.00	150	Vertical	Pass
3**	4035.800	36.95	-4.83	54.0	-17.05	AV	272.00	150	Vertical	Pass
4	5173.600	92.28	-2.89	--	--	Peak	172.00	150	Vertical	N/A
4**	5173.600	85.23	-2.89	--	--	AV	172.00	150	Vertical	N/A
5	11758.412	49.85	1.17	74.0	-24.15	Peak	233.00	150	Vertical	Pass
5**	11758.412	41.37	1.17	54.0	-12.63	AV	233.00	150	Vertical	Pass
6	15901.838	53.51	0.30	74.0	-20.49	Peak	360.00	150	Vertical	Pass
6**	15901.838	43.86	0.30	54.0	-10.14	AV	360.00	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	1065.300	38.06	-18.39	74.0	-35.94	Peak	360.00	150	Horizontal	Pass
1**	1065.300	29.87	-18.39	54.0	-24.13	AV	360.00	150	Horizontal	Pass
2	2843.300	43.57	-10.28	74.0	-30.43	Peak	217.00	150	Horizontal	Pass
2**	2843.300	33.17	-10.28	54.0	-20.83	AV	217.00	150	Horizontal	Pass
3	4006.000	46.87	-5.12	74.0	-27.13	Peak	274.00	150	Horizontal	Pass
3**	4006.000	37.32	-5.12	54.0	-16.68	AV	274.00	150	Horizontal	Pass
4	5213.400	100.85	-2.85	--	--	Peak	312.00	150	Horizontal	N/A
4**	5213.400	94.57	-2.85	--	--	AV	312.00	150	Horizontal	N/A
5	11951.901	50.32	1.31	74.0	-23.68	Peak	203.00	150	Horizontal	Pass
5**	11951.901	40.61	1.31	54.0	-13.39	AV	203.00	150	Horizontal	Pass
6	15796.050	53.90	2.20	74.0	-20.10	Peak	360.00	150	Horizontal	Pass
6**	15796.050	44.90	2.20	54.0	-9.10	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	1155.000	37.00	-18.06	74.0	-37.00	Peak	360.00	150	Vertical	Pass
1**	1155.000	26.38	-18.06	54.0	-27.62	AV	360.00	150	Vertical	Pass
2	2812.600	42.57	-10.09	74.0	-31.43	Peak	308.00	150	Vertical	Pass
2**	2812.600	33.64	-10.09	54.0	-20.36	AV	308.00	150	Vertical	Pass
3	4068.400	46.97	-5.46	74.0	-27.03	Peak	70.00	150	Vertical	Pass
3**	4068.400	37.96	-5.46	54.0	-16.04	AV	70.00	150	Vertical	Pass
4	5214.800	92.53	-2.83	--	--	Peak	176.00	150	Vertical	N/A
4**	5214.800	86.08	-2.83	--	--	AV	176.00	150	Vertical	N/A
5	11768.188	50.50	1.29	74.0	-23.50	Peak	165.00	150	Vertical	Pass
5**	11768.188	40.24	1.29	54.0	-13.76	AV	165.00	150	Vertical	Pass
6	15796.050	53.79	2.20	74.0	-20.21	Peak	360.00	150	Vertical	Pass
6**	15796.050	45.94	2.20	54.0	-8.06	AV	360.00	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	1064.100	39.08	-18.40	74.0	-34.92	Peak	298.00	150	Horizontal	Pass
1**	1064.100	29.51	-18.40	54.0	-24.49	AV	298.00	150	Horizontal	Pass
2	2778.700	42.27	-10.42	74.0	-31.73	Peak	213.00	150	Horizontal	Pass
2**	2778.700	32.94	-10.42	54.0	-21.06	AV	213.00	150	Horizontal	Pass
3	4037.800	47.27	-4.75	74.0	-26.73	Peak	183.00	150	Horizontal	Pass
3**	4037.800	38.69	-4.75	54.0	-15.31	AV	183.00	150	Horizontal	Pass
4	5245.400	101.02	-2.66	--	--	Peak	331.00	150	Horizontal	N/A
4**	5245.400	95.13	-2.66	--	--	AV	331.00	150	Horizontal	N/A
5	11665.838	49.50	0.18	74.0	-24.50	Peak	0.00	150	Horizontal	Pass
5**	11665.838	40.84	0.18	54.0	-13.16	AV	0.00	150	Horizontal	Pass
6	15805.237	53.69	2.27	74.0	-20.31	Peak	116.00	150	Horizontal	Pass
6**	15805.237	45.52	2.27	54.0	-8.48	AV	116.00	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	1065.600	37.08	-18.40	74.0	-36.92	Peak	356.00	150	Vertical	Pass
1**	1065.600	28.98	-18.40	54.0	-25.02	AV	356.00	150	Vertical	Pass
2	2797.300	42.95	-10.61	74.0	-31.05	Peak	31.00	150	Vertical	Pass
2**	2797.300	32.83	-10.61	54.0	-21.17	AV	31.00	150	Vertical	Pass
3	3801.800	46.56	-5.51	74.0	-27.44	Peak	259.00	150	Vertical	Pass
3**	3801.800	36.72	-5.51	54.0	-17.28	AV	259.00	150	Vertical	Pass
4	5245.800	93.27	-2.68	--	--	Peak	247.00	150	Vertical	N/A
4**	5245.800	87.41	-2.68	--	--	AV	247.00	150	Vertical	N/A
5	11553.138	49.60	-0.43	74.0	-24.40	Peak	111.00	150	Vertical	Pass
5**	11553.138	41.95	-0.43	54.0	-12.05	AV	111.00	150	Vertical	Pass
6	15802.087	53.47	2.31	74.0	-20.53	Peak	360.00	150	Vertical	Pass
6**	15802.087	45.48	2.31	54.0	-8.52	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	1066.700	38.14	-18.44	74.0	-35.86	Peak	352.00	150	Horizontal	Pass
1**	1066.700	27.78	-18.44	54.0	-26.22	AV	352.00	150	Horizontal	Pass
2	2834.500	42.74	-10.38	74.0	-31.26	Peak	90.00	150	Horizontal	Pass
2**	2834.500	33.13	-10.38	54.0	-20.87	AV	90.00	150	Horizontal	Pass
3	4161.200	47.10	-4.93	74.0	-26.90	Peak	66.00	150	Horizontal	Pass
3**	4161.200	38.10	-4.93	54.0	-15.90	AV	66.00	150	Horizontal	Pass
4	5185.800	100.03	-2.82	--	--	Peak	343.00	150	Horizontal	N/A
4**	5185.800	93.38	-2.82	--	--	AV	343.00	150	Horizontal	N/A
5	11824.538	49.67	1.13	74.0	-24.33	Peak	26.00	150	Horizontal	Pass
5**	11824.538	40.70	1.13	54.0	-13.30	AV	26.00	150	Horizontal	Pass
6	15795.000	53.75	2.17	74.0	-20.25	Peak	195.00	150	Horizontal	Pass
6**	15795.000	46.00	2.17	54.0	-8.00	AV	195.00	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	1064.400	36.54	-18.39	74.0	-37.46	Peak	360.00	150	Vertical	Pass
1**	1064.400	29.38	-18.39	54.0	-24.62	AV	360.00	150	Vertical	Pass
2	2757.600	43.17	-10.85	74.0	-30.83	Peak	277.00	150	Vertical	Pass
2**	2757.600	32.69	-10.85	54.0	-21.31	AV	277.00	150	Vertical	Pass
3	4227.800	47.52	-4.63	74.0	-26.48	Peak	29.00	150	Vertical	Pass
3**	4227.800	37.78	-4.63	54.0	-16.22	AV	29.00	150	Vertical	Pass
4	5185.600	91.99	-2.84	--	--	Peak	245.00	150	Vertical	N/A
4**	5185.600	84.86	-2.84	--	--	AV	245.00	150	Vertical	N/A
5	12277.925	50.58	1.73	74.0	-23.42	Peak	0.00	150	Vertical	Pass
5**	12277.925	41.24	1.73	54.0	-12.76	AV	0.00	150	Vertical	Pass
6	15801.037	53.67	2.32	74.0	-20.33	Peak	34.00	150	Vertical	Pass
6**	15801.037	45.54	2.32	54.0	-8.46	AV	34.00	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	1061.600	37.78	-18.41	74.0	-36.22	Peak	288.00	150	Horizontal	Pass
1**	1061.600	27.39	-18.41	54.0	-26.61	AV	288.00	150	Horizontal	Pass
2	2778.400	43.33	-10.42	74.0	-30.67	Peak	46.00	150	Horizontal	Pass
2**	2778.400	33.83	-10.42	54.0	-20.17	AV	46.00	150	Horizontal	Pass
3	4056.800	46.28	-4.88	74.0	-27.72	Peak	245.00	150	Horizontal	Pass
3**	4056.800	37.93	-4.88	54.0	-16.07	AV	245.00	150	Horizontal	Pass
4	5225.200	100.78	-3.06	--	--	Peak	346.00	150	Horizontal	N/A
4**	5225.200	93.47	-3.06	--	--	AV	346.00	150	Horizontal	N/A
5	11671.588	50.76	0.24	74.0	-23.24	Peak	337.00	150	Horizontal	Pass
5**	11671.588	40.76	0.24	54.0	-13.24	AV	337.00	150	Horizontal	Pass
6	15524.362	53.34	1.39	74.0	-20.66	Peak	166.00	150	Horizontal	Pass
6**	15524.362	44.07	1.39	54.0	-9.93	AV	166.00	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	38.14	-18.40	74.0	-35.86	Peak	360.00	150	Vertical	Pass
1**	1065.600	27.93	-18.40	54.0	-26.07	AV	360.00	150	Vertical	Pass
2	2817.100	43.27	-10.19	74.0	-30.73	Peak	240.00	150	Vertical	Pass
2**	2817.100	33.62	-10.19	54.0	-20.38	AV	240.00	150	Vertical	Pass
3	4187.200	47.23	-4.95	74.0	-26.77	Peak	360.00	150	Vertical	Pass
3**	4187.200	37.19	-4.95	54.0	-16.81	AV	360.00	150	Vertical	Pass
4	5223.600	91.20	-3.01	--	--	Peak	247.00	150	Vertical	N/A
4**	5223.600	85.04	-3.01	--	--	AV	247.00	150	Vertical	N/A
5	12088.175	49.92	0.53	74.0	-24.08	Peak	360.00	150	Vertical	Pass
5**	12088.175	41.52	0.53	54.0	-12.48	AV	360.00	150	Vertical	Pass
6	15844.350	53.06	1.38	74.0	-20.94	Peak	318.00	150	Vertical	Pass
6**	15844.350	44.09	1.38	54.0	-9.91	AV	318.00	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	1063.200	37.54	-18.42	74.0	-36.46	Peak	287.00	150	Horizontal	Pass
1**	1063.200	30.23	-18.42	54.0	-23.77	AV	287.00	150	Horizontal	Pass
2	2808.500	42.13	-10.29	74.0	-31.87	Peak	134.00	150	Horizontal	Pass
2**	2808.500	33.93	-10.29	54.0	-20.07	AV	134.00	150	Horizontal	Pass
3	3831.400	46.66	-4.93	74.0	-27.34	Peak	132.00	150	Horizontal	Pass
3**	3831.400	36.90	-4.93	54.0	-17.10	AV	132.00	150	Horizontal	Pass
4	5245.400	100.46	-2.66	--	--	Peak	300.00	150	Horizontal	N/A
4**	5245.400	94.43	-2.66	--	--	AV	300.00	150	Horizontal	N/A
5	11922.288	50.12	1.51	74.0	-23.88	Peak	43.00	150	Horizontal	Pass
5**	11922.288	41.17	1.51	54.0	-12.83	AV	43.00	150	Horizontal	Pass
6	15787.650	52.91	1.91	74.0	-21.09	Peak	360.00	150	Horizontal	Pass
6**	15787.650	44.89	1.91	54.0	-9.11	AV	360.00	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	1063.200	36.53	-18.42	74.0	-37.47	Peak	284.00	150	Vertical	Pass
1**	1063.200	27.59	-18.42	54.0	-26.41	AV	284.00	150	Vertical	Pass
2	2799.700	42.58	-10.56	74.0	-31.42	Peak	35.00	150	Vertical	Pass
2**	2799.700	34.37	-10.56	54.0	-19.63	AV	35.00	150	Vertical	Pass
3	3961.200	46.53	-4.81	74.0	-27.47	Peak	131.00	150	Vertical	Pass
3**	3961.200	38.35	-4.81	54.0	-15.65	AV	131.00	150	Vertical	Pass
4	5238.200	92.37	-2.74	--	--	Peak	165.00	150	Vertical	N/A
4**	5238.200	85.59	-2.74	--	--	AV	165.00	150	Vertical	N/A
5	11045.987	50.28	-0.61	74.0	-23.72	Peak	240.00	150	Vertical	Pass
5**	11045.987	39.59	-0.61	54.0	-14.41	AV	240.00	150	Vertical	Pass
6	15783.975	53.04	1.75	74.0	-20.96	Peak	315.00	150	Vertical	Pass
6**	15783.975	44.29	1.75	54.0	-9.71	AV	315.00	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	1064.700	39.17	-18.38	74.0	-34.83	Peak	337.00	150	Horizontal	Pass
1**	1064.700	28.98	-18.38	54.0	-25.02	AV	337.00	150	Horizontal	Pass
2	2821.100	42.54	-10.21	74.0	-31.46	Peak	294.00	150	Horizontal	Pass
2**	2821.100	33.21	-10.21	54.0	-20.79	AV	294.00	150	Horizontal	Pass
3	4013.400	46.43	-5.19	74.0	-27.57	Peak	360.00	150	Horizontal	Pass
3**	4013.400	37.59	-5.19	54.0	-16.41	AV	360.00	150	Horizontal	Pass
4	5191.600	99.28	-2.64	--	--	Peak	354.00	150	Horizontal	N/A
4**	5191.600	92.40	-2.64	--	--	AV	354.00	150	Horizontal	N/A
5	11425.487	49.89	-0.09	74.0	-24.11	Peak	60.00	150	Horizontal	Pass
5**	11425.487	40.16	-0.09	54.0	-13.84	AV	60.00	150	Horizontal	Pass
6	15787.125	54.45	1.89	74.0	-19.55	Peak	119.00	150	Horizontal	Pass
6**	15787.125	44.63	1.89	54.0	-9.37	AV	119.00	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	1064.700	36.80	-18.38	74.0	-37.20	Peak	0.00	150	Vertical	Pass
1**	1064.700	28.67	-18.38	54.0	-25.33	AV	0.00	150	Vertical	Pass
2	2788.400	42.93	-10.57	74.0	-31.07	Peak	0.00	150	Vertical	Pass
2**	2788.400	33.63	-10.57	54.0	-20.37	AV	0.00	150	Vertical	Pass
3	4058.600	46.66	-4.89	74.0	-27.34	Peak	163.00	150	Vertical	Pass
3**	4058.600	38.26	-4.89	54.0	-15.74	AV	163.00	150	Vertical	Pass
4	5191.200	92.27	-2.64	--	--	Peak	247.00	150	Vertical	N/A
4**	5191.200	85.57	-2.64	--	--	AV	247.00	150	Vertical	N/A
5	12408.450	51.51	1.45	74.0	-22.49	Peak	159.00	150	Vertical	Pass
5**	12408.450	42.15	1.45	54.0	-11.85	AV	159.00	150	Vertical	Pass
6	15621.750	53.35	1.66	74.0	-20.65	Peak	75.00	150	Vertical	Pass
6**	15621.750	45.53	1.66	54.0	-8.47	AV	75.00	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	1064.100	38.87	-18.40	74.0	-35.13	Peak	350.00	150	Horizontal	Pass
1**	1064.100	27.91	-18.40	54.0	-26.09	AV	350.00	150	Horizontal	Pass
2	2817.000	42.54	-10.19	74.0	-31.46	Peak	66.00	150	Horizontal	Pass
2**	2817.000	32.77	-10.19	54.0	-21.23	AV	66.00	150	Horizontal	Pass
3	4072.000	46.23	-5.44	74.0	-27.77	Peak	360.00	150	Horizontal	Pass
3**	4072.000	38.08	-5.44	54.0	-15.92	AV	360.00	150	Horizontal	Pass
4	5223.800	100.17	-3.01	--	--	Peak	351.00	150	Horizontal	N/A
4**	5223.800	93.10	-3.01	--	--	AV	351.00	150	Horizontal	N/A
5	12281.088	50.39	1.80	74.0	-23.61	Peak	0.00	150	Horizontal	Pass
5**	12281.088	41.98	1.80	54.0	-12.02	AV	0.00	150	Horizontal	Pass
6	15640.651	53.64	1.34	74.0	-20.36	Peak	360.00	150	Horizontal	Pass
6**	15640.651	44.76	1.34	54.0	-9.24	AV	360.00	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	1063.700	37.38	-18.41	74.0	-36.62	Peak	199.00	150	Vertical	Pass
1**	1063.700	27.67	-18.41	54.0	-26.33	AV	199.00	150	Vertical	Pass
2	2826.800	42.53	-10.27	74.0	-31.47	Peak	185.00	150	Vertical	Pass
2**	2826.800	32.94	-10.27	54.0	-21.06	AV	185.00	150	Vertical	Pass
3	4009.000	46.71	-5.23	74.0	-27.29	Peak	64.00	150	Vertical	Pass
3**	4009.000	37.42	-5.23	54.0	-16.58	AV	64.00	150	Vertical	Pass
4	5228.200	93.88	-2.96	--	--	Peak	166.00	150	Vertical	N/A
4**	5228.200	85.73	-2.96	--	--	AV	166.00	150	Vertical	N/A
5	11426.350	49.72	-0.09	74.0	-24.28	Peak	163.00	150	Vertical	Pass
5**	11426.350	40.60	-0.09	54.0	-13.40	AV	163.00	150	Vertical	Pass
6	15792.900	53.54	2.10	74.0	-20.46	Peak	360.00	150	Vertical	Pass
6**	15792.900	45.28	2.10	54.0	-8.72	AV	360.00	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	1064.600	39.81	-18.38	74.0	-34.19	Peak	296.00	150	Horizontal	Pass
1**	1064.600	29.23	-18.38	54.0	-24.77	AV	296.00	150	Horizontal	Pass
2	2781.100	42.17	-10.40	74.0	-31.83	Peak	331.00	150	Horizontal	Pass
2**	2781.100	33.49	-10.40	54.0	-20.51	AV	331.00	150	Horizontal	Pass
3	4067.000	47.23	-5.47	74.0	-26.77	Peak	348.00	150	Horizontal	Pass
3**	4067.000	37.22	-5.47	54.0	-16.78	AV	348.00	150	Horizontal	Pass
4	5175.800	98.67	-2.85	--	--	Peak	314.00	150	Horizontal	N/A
4**	5175.800	91.80	-2.85	--	--	AV	314.00	150	Horizontal	N/A
5	11354.762	49.87	-0.15	74.0	-24.13	Peak	286.00	150	Horizontal	Pass
5**	11354.762	40.91	-0.15	54.0	-13.09	AV	286.00	150	Horizontal	Pass
6	15876.375	53.48	0.36	74.0	-20.52	Peak	294.00	150	Horizontal	Pass
6**	15876.375	43.54	0.36	54.0	-10.46	AV	294.00	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	1062.800	38.81	-18.43	74.0	-35.19	Peak	186.00	150	Vertical	Pass
1**	1062.800	26.17	-18.43	54.0	-27.83	AV	186.00	150	Vertical	Pass
2	2838.500	42.39	-10.29	74.0	-31.61	Peak	73.00	150	Vertical	Pass
2**	2838.500	33.82	-10.29	54.0	-20.18	AV	73.00	150	Vertical	Pass
3	4057.400	46.59	-4.88	74.0	-27.41	Peak	295.00	150	Vertical	Pass
3**	4057.400	37.70	-4.88	54.0	-16.30	AV	295.00	150	Vertical	Pass
4	5174.200	90.85	-2.91	--	--	Peak	172.00	150	Vertical	N/A
4**	5174.200	85.36	-2.91	--	--	AV	172.00	150	Vertical	N/A
5	12088.175	50.01	0.53	74.0	-23.99	Peak	0.00	150	Vertical	Pass
5**	12088.175	40.17	0.53	54.0	-13.83	AV	0.00	150	Vertical	Pass
6	15763.500	53.44	0.96	74.0	-20.56	Peak	360.00	150	Vertical	Pass
6**	15763.500	43.18	0.96	54.0	-10.82	AV	360.00	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	1063.800	38.73	-18.41	74.0	-35.27	Peak	283.00	150	Horizontal	Pass
1**	1063.800	27.16	-18.41	54.0	-26.84	AV	283.00	150	Horizontal	Pass
2	2816.100	42.41	-10.15	74.0	-31.59	Peak	102.00	150	Horizontal	Pass
2**	2816.100	34.00	-10.15	54.0	-20.00	AV	102.00	150	Horizontal	Pass
3	4122.800	46.45	-5.52	74.0	-27.55	Peak	102.00	150	Horizontal	Pass
3**	4122.800	37.15	-5.52	54.0	-16.85	AV	102.00	150	Horizontal	Pass
4	5225.600	98.98	-3.06	--	--	Peak	354.00	150	Horizontal	N/A
4**	5225.600	93.63	-3.06	--	--	AV	354.00	150	Horizontal	N/A
5	12276.487	50.82	1.67	74.0	-23.18	Peak	79.00	150	Horizontal	Pass
5**	12276.487	41.04	1.67	54.0	-12.96	AV	79.00	150	Horizontal	Pass
6	15846.974	53.27	1.35	74.0	-20.73	Peak	360.00	150	Horizontal	Pass
6**	15846.974	44.38	1.35	54.0	-9.62	AV	360.00	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	1066.400	37.72	-18.43	74.0	-36.28	Peak	360.00	150	Vertical	Pass
1**	1066.400	29.18	-18.43	54.0	-24.82	AV	360.00	150	Vertical	Pass
2	2748.900	42.78	-10.84	74.0	-31.22	Peak	285.00	150	Vertical	Pass
2**	2748.900	33.12	-10.84	54.0	-20.88	AV	285.00	150	Vertical	Pass
3	4025.000	46.43	-5.10	74.0	-27.57	Peak	13.00	150	Vertical	Pass
3**	4025.000	37.48	-5.10	54.0	-16.52	AV	13.00	150	Vertical	Pass
4	5225.800	90.95	-3.05	--	--	Peak	245.00	150	Vertical	N/A
4**	5225.800	84.78	-3.05	--	--	AV	245.00	150	Vertical	N/A
5	12152.863	50.01	0.48	74.0	-23.99	Peak	226.00	150	Vertical	Pass
5**	12152.863	41.10	0.48	54.0	-12.90	AV	226.00	150	Vertical	Pass
6	15516.225	54.39	1.39	74.0	-19.61	Peak	360.00	150	Vertical	Pass
6**	15516.225	43.91	1.39	54.0	-10.09	AV	360.00	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	1062.300	38.46	-18.42	74.0	-35.54	Peak	284.00	150	Horizontal	Pass
1**	1062.300	32.23	-18.42	54.0	-21.77	AV	284.00	150	Horizontal	Pass
2	2807.700	42.90	-10.30	74.0	-31.10	Peak	100.00	150	Horizontal	Pass
2**	2807.700	33.68	-10.30	54.0	-20.32	AV	100.00	150	Horizontal	Pass
3	4197.600	47.53	-4.90	74.0	-26.47	Peak	87.00	150	Horizontal	Pass
3**	4197.600	37.75	-4.90	54.0	-16.25	AV	87.00	150	Horizontal	Pass
4	5245.200	98.99	-2.66	--	--	Peak	327.00	150	Horizontal	N/A
4**	5245.200	93.81	-2.66	--	--	AV	327.00	150	Horizontal	N/A
5	11957.075	50.10	1.06	74.0	-23.90	Peak	0.00	150	Horizontal	Pass
5**	11957.075	41.23	1.06	54.0	-12.77	AV	0.00	150	Horizontal	Pass
6	15804.713	54.24	2.27	74.0	-19.76	Peak	209.00	150	Horizontal	Pass
6**	15804.713	45.11	2.27	54.0	-8.89	AV	209.00	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	1065.800	38.21	-18.41	74.0	-35.79	Peak	360.00	150	Vertical	Pass
1**	1065.800	27.72	-18.41	54.0	-26.28	AV	360.00	150	Vertical	Pass
2	2800.200	43.01	-10.55	74.0	-30.99	Peak	58.00	150	Vertical	Pass
2**	2800.200	33.46	-10.55	54.0	-20.54	AV	58.00	150	Vertical	Pass
3	4157.400	46.76	-4.96	74.0	-27.24	Peak	360.00	150	Vertical	Pass
3**	4157.400	37.57	-4.96	54.0	-16.43	AV	360.00	150	Vertical	Pass
4	5247.800	91.64	-2.68	--	--	Peak	252.00	150	Vertical	N/A
4**	5247.800	85.27	-2.68	--	--	AV	252.00	150	Vertical	N/A
5	12365.901	49.86	1.21	74.0	-24.14	Peak	213.00	150	Vertical	Pass
5**	12365.901	41.41	1.21	54.0	-12.59	AV	213.00	150	Vertical	Pass
6	15849.338	53.18	1.34	74.0	-20.82	Peak	0.00	150	Vertical	Pass
6**	15849.338	44.72	1.34	54.0	-9.28	AV	0.00	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	1063.500	39.34	-18.41	74.0	-34.66	Peak	344.00	150	Horizontal	Pass
1**	1063.500	30.14	-18.41	54.0	-23.86	AV	344.00	150	Horizontal	Pass
2	2727.700	42.89	-11.03	74.0	-31.11	Peak	227.00	150	Horizontal	Pass
2**	2727.700	32.84	-11.03	54.0	-21.16	AV	227.00	150	Horizontal	Pass
3	4059.600	46.88	-4.95	74.0	-27.12	Peak	360.00	150	Horizontal	Pass
3**	4059.600	37.91	-4.95	54.0	-16.09	AV	360.00	150	Horizontal	Pass
4	5192.600	99.19	-2.71	--	--	Peak	352.00	150	Horizontal	N/A
4**	5192.600	93.45	-2.71	--	--	AV	352.00	150	Horizontal	N/A
5	11060.938	49.54	-0.90	74.0	-24.46	Peak	360.00	150	Horizontal	Pass
5**	11060.938	40.57	-0.90	54.0	-13.43	AV	360.00	150	Horizontal	Pass
6	15709.688	53.16	0.60	74.0	-20.84	Peak	168.00	150	Horizontal	Pass
6**	15709.688	44.53	0.60	54.0	-9.47	AV	168.00	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	1062.900	36.64	-18.43	74.0	-37.36	Peak	236.00	150	Vertical	Pass
1**	1062.900	25.80	-18.43	54.0	-28.20	AV	236.00	150	Vertical	Pass
2	2777.400	42.26	-10.42	74.0	-31.74	Peak	164.00	150	Vertical	Pass
2**	2777.400	33.68	-10.42	54.0	-20.32	AV	164.00	150	Vertical	Pass
3	4035.800	46.62	-4.83	74.0	-27.38	Peak	15.00	150	Vertical	Pass
3**	4035.800	36.98	-4.83	54.0	-17.02	AV	15.00	150	Vertical	Pass
4	5192.400	91.36	-2.70	--	--	Peak	250.00	150	Vertical	N/A
4**	5192.400	84.67	-2.70	--	--	AV	250.00	150	Vertical	N/A
5	12399.537	50.37	1.58	74.0	-23.63	Peak	179.00	150	Vertical	Pass
5**	12399.537	41.26	1.58	54.0	-12.74	AV	179.00	150	Vertical	Pass
6	15798.150	53.15	2.27	74.0	-20.85	Peak	212.00	150	Vertical	Pass
6**	15798.150	44.75	2.27	54.0	-9.25	AV	212.00	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	1065.900	37.81	-18.41	74.0	-36.19	Peak	290.00	150	Horizontal	Pass
1**	1065.900	29.00	-18.41	54.0	-25.00	AV	290.00	150	Horizontal	Pass
2	2706.700	43.06	-11.31	74.0	-30.94	Peak	309.00	150	Horizontal	Pass
2**	2706.700	33.56	-11.31	54.0	-20.44	AV	309.00	150	Horizontal	Pass
3	4061.600	46.79	-5.10	74.0	-27.21	Peak	258.00	150	Horizontal	Pass
3**	4061.600	37.56	-5.10	54.0	-16.44	AV	258.00	150	Horizontal	Pass
4	5245.000	99.37	-2.65	--	--	Peak	358.00	150	Horizontal	N/A
4**	5245.000	92.70	-2.65	--	--	AV	358.00	150	Horizontal	N/A
5	11671.875	49.53	0.24	74.0	-24.47	Peak	4.00	150	Horizontal	Pass
5**	11671.875	41.10	0.24	54.0	-12.90	AV	4.00	150	Horizontal	Pass
6	15806.026	53.29	2.25	74.0	-20.71	Peak	360.00	150	Horizontal	Pass
6**	15806.026	43.69	2.25	54.0	-10.31	AV	360.00	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	1065.100	37.04	-18.38	74.0	-36.96	Peak	360.00	150	Vertical	Pass
1**	1065.100	27.28	-18.38	54.0	-26.72	AV	360.00	150	Vertical	Pass
2	2839.400	43.78	-10.24	74.0	-30.22	Peak	155.00	150	Vertical	Pass
2**	2839.400	33.18	-10.24	54.0	-20.82	AV	155.00	150	Vertical	Pass
3	4047.400	46.68	-4.74	74.0	-27.32	Peak	117.00	150	Vertical	Pass
3**	4047.400	37.38	-4.74	54.0	-16.62	AV	117.00	150	Vertical	Pass
4	5223.600	91.53	-3.01	--	--	Peak	177.00	150	Vertical	N/A
4**	5223.600	83.21	-3.01	--	--	AV	177.00	150	Vertical	N/A
5	12273.325	50.49	1.56	74.0	-23.51	Peak	0.00	150	Vertical	Pass
5**	12273.325	41.18	1.56	54.0	-12.82	AV	0.00	150	Vertical	Pass
6	15796.312	53.72	2.21	74.0	-20.28	Peak	230.00	150	Vertical	Pass
6**	15796.312	45.33	2.21	54.0	-8.67	AV	230.00	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	1063.200	38.86	-18.42	74.0	-35.14	Peak	319.00	150	Horizontal	Pass
1**	1063.200	27.41	-18.42	54.0	-26.59	AV	319.00	150	Horizontal	Pass
2	2775.500	42.82	-10.48	74.0	-31.18	Peak	0.00	150	Horizontal	Pass
2**	2775.500	33.45	-10.48	54.0	-20.55	AV	0.00	150	Horizontal	Pass
3	3976.200	46.74	-5.44	74.0	-27.26	Peak	43.00	150	Horizontal	Pass
3**	3976.200	37.12	-5.44	54.0	-16.88	AV	43.00	150	Horizontal	Pass
4	5237.200	95.94	-2.82	--	--	Peak	354.00	150	Horizontal	N/A
4**	5237.200	90.49	-2.82	--	--	AV	354.00	150	Horizontal	N/A
5	10899.363	49.67	0.15	74.0	-24.33	Peak	28.00	150	Horizontal	Pass
5**	10899.363	40.23	0.15	54.0	-13.77	AV	28.00	150	Horizontal	Pass
6	15636.712	54.01	1.48	74.0	-19.99	Peak	215.00	150	Horizontal	Pass
6**	15636.712	43.64	1.48	54.0	-10.36	AV	215.00	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	1065.300	37.26	-18.39	74.0	-36.74	Peak	344.00	150	Vertical	Pass
1**	1065.300	30.16	-18.39	54.0	-23.84	AV	344.00	150	Vertical	Pass
2	2802.700	42.67	-10.45	74.0	-31.33	Peak	186.00	150	Vertical	Pass
2**	2802.700	33.08	-10.45	54.0	-20.92	AV	186.00	150	Vertical	Pass
3	3732.200	47.09	-6.41	74.0	-26.91	Peak	19.00	150	Vertical	Pass
3**	3732.200	36.03	-6.41	54.0	-17.97	AV	19.00	150	Vertical	Pass
4	5219.400	86.60	-3.04	--	--	Peak	167.00	150	Vertical	N/A
4**	5219.400	79.82	-3.04	--	--	AV	167.00	150	Vertical	N/A
5	11068.701	49.68	-1.05	74.0	-24.32	Peak	323.00	150	Vertical	Pass
5**	11068.701	40.73	-1.05	54.0	-13.27	AV	323.00	150	Vertical	Pass
6	15816.787	53.88	1.99	74.0	-20.12	Peak	360.00	150	Vertical	Pass
6**	15816.787	44.76	1.99	54.0	-9.24	AV	360.00	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	1062.600	38.95	-18.43	74.0	-35.05	Peak	329.00	150	Horizontal	Pass
1**	1062.600	30.74	-18.43	54.0	-23.26	AV	329.00	150	Horizontal	Pass
2	2841.300	43.33	-10.25	74.0	-30.67	Peak	190.00	150	Horizontal	Pass
2**	2841.300	33.94	-10.25	54.0	-20.06	AV	190.00	150	Horizontal	Pass
3	4059.400	46.26	-4.93	74.0	-27.74	Peak	77.00	150	Horizontal	Pass
3**	4059.400	37.24	-4.93	54.0	-16.76	AV	77.00	150	Horizontal	Pass
4	5738.600	100.31	-2.32	--	--	Peak	290.00	150	Horizontal	N/A
4**	5738.600	93.23	-2.32	--	--	AV	290.00	150	Horizontal	N/A
5	11073.588	49.90	-1.21	74.0	-24.10	Peak	101.00	150	Horizontal	Pass
5**	11073.588	40.94	-1.21	54.0	-13.06	AV	101.00	150	Horizontal	Pass
6	15790.537	53.33	2.03	74.0	-20.67	Peak	264.00	150	Horizontal	Pass
6**	15790.537	44.21	2.03	54.0	-9.79	AV	264.00	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	1063.200	37.12	-18.42	74.0	-36.88	Peak	345.00	150	Vertical	Pass
1**	1063.200	29.37	-18.42	54.0	-24.63	AV	345.00	150	Vertical	Pass
2	2776.700	42.58	-10.44	74.0	-31.42	Peak	185.00	150	Vertical	Pass
2**	2776.700	34.21	-10.44	54.0	-19.79	AV	185.00	150	Vertical	Pass
3	4152.600	47.11	-4.89	74.0	-26.89	Peak	75.00	150	Vertical	Pass
3**	4152.600	37.66	-4.89	54.0	-16.34	AV	75.00	150	Vertical	Pass
4	5738.800	93.60	-2.32	--	--	Peak	211.00	150	Vertical	N/A
4**	5738.800	87.16	-2.32	--	--	AV	211.00	150	Vertical	N/A
5	11916.826	49.88	1.49	74.0	-24.12	Peak	292.00	150	Vertical	Pass
5**	11916.826	40.62	1.49	54.0	-13.38	AV	292.00	150	Vertical	Pass
6	15793.688	53.57	2.13	74.0	-20.43	Peak	236.00	150	Vertical	Pass
6**	15793.688	45.87	2.13	54.0	-8.13	AV	236.00	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	1065.200	40.18	-18.39	74.0	-33.82	Peak	344.00	150	Horizontal	Pass
1**	1065.200	30.02	-18.39	54.0	-23.98	AV	344.00	150	Horizontal	Pass
2	2794.900	42.27	-10.55	74.0	-31.73	Peak	61.00	150	Horizontal	Pass
2**	2794.900	33.25	-10.55	54.0	-20.75	AV	61.00	150	Horizontal	Pass
3	4087.800	47.75	-5.43	74.0	-26.25	Peak	175.00	150	Horizontal	Pass
3**	4087.800	37.49	-5.43	54.0	-16.51	AV	175.00	150	Horizontal	Pass
4	5787.400	101.13	-2.46	--	--	Peak	332.00	150	Horizontal	N/A
4**	5787.400	93.53	-2.46	--	--	AV	332.00	150	Horizontal	N/A
5	12101.687	50.45	0.58	74.0	-23.55	Peak	291.00	150	Horizontal	Pass
5**	12101.687	41.11	0.58	54.0	-12.89	AV	291.00	150	Horizontal	Pass
6	16102.912	53.35	1.07	74.0	-20.65	Peak	168.00	150	Horizontal	Pass
6**	16102.912	44.03	1.07	54.0	-9.97	AV	168.00	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	1064.000	39.19	-18.40	74.0	-34.81	Peak	360.00	150	Vertical	Pass
1**	1064.000	27.64	-18.40	54.0	-26.36	AV	360.00	150	Vertical	Pass
2	2831.600	42.52	-10.35	74.0	-31.48	Peak	111.00	150	Vertical	Pass
2**	2831.600	33.39	-10.35	54.0	-20.61	AV	111.00	150	Vertical	Pass
3	4192.200	46.74	-4.85	74.0	-27.26	Peak	68.00	150	Vertical	Pass
3**	4192.200	37.79	-4.85	54.0	-16.21	AV	68.00	150	Vertical	Pass
4	5790.200	93.20	-2.55	--	--	Peak	193.00	150	Vertical	N/A
4**	5790.200	87.43	-2.55	--	--	AV	193.00	150	Vertical	N/A
5	12330.825	50.54	1.40	74.0	-23.46	Peak	256.00	150	Vertical	Pass
5**	12330.825	41.09	1.40	54.0	-12.91	AV	256.00	150	Vertical	Pass
6	15798.150	53.45	2.27	74.0	-20.55	Peak	273.00	150	Vertical	Pass
6**	15798.150	45.18	2.27	54.0	-8.82	AV	273.00	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	1062.300	38.13	-18.42	74.0	-35.87	Peak	175.00	150	Horizontal	Pass
1**	1062.300	27.09	-18.42	54.0	-26.91	AV	175.00	150	Horizontal	Pass
2	2767.100	43.02	-10.75	74.0	-30.98	Peak	299.00	150	Horizontal	Pass
2**	2767.100	33.47	-10.75	54.0	-20.53	AV	299.00	150	Horizontal	Pass
3	4060.200	46.49	-5.00	74.0	-27.51	Peak	224.00	150	Horizontal	Pass
3**	4060.200	37.98	-5.00	54.0	-16.02	AV	224.00	150	Horizontal	Pass
4	5824.600	101.62	-2.40	--	--	Peak	343.00	150	Horizontal	N/A
4**	5824.600	93.58	-2.40	--	--	AV	343.00	150	Horizontal	N/A
5	12090.762	49.91	0.53	74.0	-24.09	Peak	8.00	150	Horizontal	Pass
5**	12090.762	40.91	0.53	54.0	-13.09	AV	8.00	150	Horizontal	Pass
6	15621.224	53.46	1.65	74.0	-20.54	Peak	34.00	150	Horizontal	Pass
6**	15621.224	45.06	1.65	54.0	-8.94	AV	34.00	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	1063.700	38.20	-18.41	74.0	-35.80	Peak	352.00	150	Vertical	Pass
1**	1063.700	27.16	-18.41	54.0	-26.84	AV	352.00	150	Vertical	Pass
2	2809.000	42.40	-10.28	74.0	-31.60	Peak	221.00	150	Vertical	Pass
2**	2809.000	34.10	-10.28	54.0	-19.90	AV	221.00	150	Vertical	Pass
3	3951.000	46.24	-4.76	74.0	-27.76	Peak	326.00	150	Vertical	Pass
3**	3951.000	37.52	-4.76	54.0	-16.48	AV	326.00	150	Vertical	Pass
4	5818.600	94.55	-2.53	--	--	Peak	225.00	150	Vertical	N/A
4**	5818.600	89.20	-2.53	--	--	AV	225.00	150	Vertical	N/A
5	11831.725	49.78	1.18	74.0	-24.22	Peak	340.00	150	Vertical	Pass
5**	11831.725	41.00	1.18	54.0	-13.00	AV	340.00	150	Vertical	Pass
6	15806.812	53.83	2.23	74.0	-20.17	Peak	360.00	150	Vertical	Pass
6**	15806.812	44.99	2.23	54.0	-9.01	AV	360.00	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	1063.400	39.31	-18.42	74.0	-34.69	Peak	282.00	150	Horizontal	Pass
1**	1063.400	27.87	-18.42	54.0	-26.13	AV	282.00	150	Horizontal	Pass
2	2797.700	42.74	-10.60	74.0	-31.26	Peak	269.00	150	Horizontal	Pass
2**	2797.700	33.45	-10.60	54.0	-20.55	AV	269.00	150	Horizontal	Pass
3	4055.800	47.11	-4.88	74.0	-26.89	Peak	167.00	150	Horizontal	Pass
3**	4055.800	38.41	-4.88	54.0	-15.59	AV	167.00	150	Horizontal	Pass
4	5740.600	99.11	-2.31	--	--	Peak	335.00	150	Horizontal	N/A
4**	5740.600	92.51	-2.31	--	--	AV	335.00	150	Horizontal	N/A
5	12000.487	50.33	1.28	74.0	-23.67	Peak	315.00	150	Horizontal	Pass
5**	12000.487	41.15	1.28	54.0	-12.85	AV	315.00	150	Horizontal	Pass
6	15525.412	53.24	1.37	74.0	-20.76	Peak	283.00	150	Horizontal	Pass
6**	15525.412	44.23	1.37	54.0	-9.77	AV	283.00	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	1062.900	37.91	-18.43	74.0	-36.09	Peak	350.00	150	Vertical	Pass
1**	1062.900	28.53	-18.43	54.0	-25.47	AV	350.00	150	Vertical	Pass
2	2814.100	42.36	-10.04	74.0	-31.64	Peak	255.00	150	Vertical	Pass
2**	2814.100	33.46	-10.04	54.0	-20.54	AV	255.00	150	Vertical	Pass
3	4030.600	47.25	-5.04	74.0	-26.75	Peak	32.00	150	Vertical	Pass
3**	4030.600	36.79	-5.04	54.0	-17.21	AV	32.00	150	Vertical	Pass
4	5739.800	92.61	-2.35	--	--	Peak	224.00	150	Vertical	N/A
4**	5739.800	86.76	-2.35	--	--	AV	224.00	150	Vertical	N/A
5	11363.675	49.55	-0.24	74.0	-24.45	Peak	313.00	150	Vertical	Pass
5**	11363.675	40.51	-0.24	54.0	-13.49	AV	313.00	150	Vertical	Pass
6	15807.863	53.44	2.21	74.0	-20.56	Peak	0.00	150	Vertical	Pass
6**	15807.863	45.22	2.21	54.0	-8.78	AV	0.00	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	1065.400	37.98	-18.39	74.0	-36.02	Peak	297.00	150	Horizontal	Pass
1**	1065.400	29.89	-18.39	54.0	-24.11	AV	297.00	150	Horizontal	Pass
2	2774.300	43.04	-10.48	74.0	-30.96	Peak	352.00	150	Horizontal	Pass
2**	2774.300	32.98	-10.48	54.0	-21.02	AV	352.00	150	Horizontal	Pass
3	4057.800	47.19	-4.88	74.0	-26.81	Peak	181.00	150	Horizontal	Pass
3**	4057.800	37.82	-4.88	54.0	-16.18	AV	181.00	150	Horizontal	Pass
4	5790.400	100.07	-2.56	--	--	Peak	331.00	150	Horizontal	N/A
4**	5790.400	93.99	-2.56	--	--	AV	331.00	150	Horizontal	N/A
5	11229.125	49.95	-0.28	74.0	-24.05	Peak	267.00	150	Horizontal	Pass
5**	11229.125	40.78	-0.28	54.0	-13.22	AV	267.00	150	Horizontal	Pass
6	15799.200	53.20	2.31	74.0	-20.80	Peak	242.00	150	Horizontal	Pass
6**	15799.200	45.04	2.31	54.0	-8.96	AV	242.00	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	1063.700	37.27	-18.41	74.0	-36.73	Peak	0.00	150	Vertical	Pass
1**	1063.700	29.53	-18.41	54.0	-24.47	AV	0.00	150	Vertical	Pass
2	2768.100	42.58	-10.69	74.0	-31.42	Peak	114.00	150	Vertical	Pass
2**	2768.100	32.93	-10.69	54.0	-21.07	AV	114.00	150	Vertical	Pass
3	4052.400	47.18	-4.87	74.0	-26.82	Peak	131.00	150	Vertical	Pass
3**	4052.400	38.07	-4.87	54.0	-15.93	AV	131.00	150	Vertical	Pass
4	5791.400	92.64	-2.57	--	--	Peak	182.00	150	Vertical	N/A
4**	5791.400	85.25	-2.57	--	--	AV	182.00	150	Vertical	N/A
5	11553.713	49.71	-0.43	74.0	-24.29	Peak	260.00	150	Vertical	Pass
5**	11553.713	40.79	-0.43	54.0	-13.21	AV	260.00	150	Vertical	Pass
6	15500.474	53.55	1.17	74.0	-20.45	Peak	360.00	150	Vertical	Pass
6**	15500.474	43.63	1.17	54.0	-10.37	AV	360.00	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	1062.800	38.48	-18.43	74.0	-35.52	Peak	335.00	150	Horizontal	Pass
1**	1062.800	29.96	-18.43	54.0	-24.04	AV	335.00	150	Horizontal	Pass
2	2802.200	41.85	-10.48	74.0	-32.15	Peak	262.00	150	Horizontal	Pass
2**	2802.200	34.07	-10.48	54.0	-19.93	AV	262.00	150	Horizontal	Pass
3	3996.600	47.15	-5.27	74.0	-26.85	Peak	313.00	150	Horizontal	Pass
3**	3996.600	36.43	-5.27	54.0	-17.57	AV	313.00	150	Horizontal	Pass
4	5828.200	99.99	-2.27	--	--	Peak	329.00	150	Horizontal	N/A
4**	5828.200	93.96	-2.27	--	--	AV	329.00	150	Horizontal	N/A
5	11637.950	49.69	-0.23	74.0	-24.31	Peak	218.00	150	Horizontal	Pass
5**	11637.950	40.91	-0.23	54.0	-13.09	AV	218.00	150	Horizontal	Pass
6	15507.037	53.03	1.34	74.0	-20.97	Peak	255.00	150	Horizontal	Pass
6**	15507.037	43.73	1.34	54.0	-10.27	AV	255.00	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	1065.100	37.20	-18.38	74.0	-36.80	Peak	208.00	150	Vertical	Pass
1**	1065.100	28.18	-18.38	54.0	-25.82	AV	208.00	150	Vertical	Pass
2	2839.300	43.52	-10.24	74.0	-30.48	Peak	292.00	150	Vertical	Pass
2**	2839.300	32.68	-10.24	54.0	-21.32	AV	292.00	150	Vertical	Pass
3	4089.200	47.77	-5.47	74.0	-26.23	Peak	263.00	150	Vertical	Pass
3**	4089.200	37.21	-5.47	54.0	-16.79	AV	263.00	150	Vertical	Pass
4	5818.200	95.06	-2.52	--	--	Peak	213.00	150	Vertical	N/A
4**	5818.200	88.25	-2.52	--	--	AV	213.00	150	Vertical	N/A
5	12048.787	49.80	1.01	74.0	-24.20	Peak	0.00	150	Vertical	Pass
5**	12048.787	40.40	1.01	54.0	-13.60	AV	0.00	150	Vertical	Pass
6	15794.475	53.88	2.15	74.0	-20.12	Peak	130.00	150	Vertical	Pass
6**	15794.475	45.39	2.15	54.0	-8.61	AV	130.00	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	1061.900	37.62	-18.42	74.0	-36.38	Peak	287.00	150	Horizontal	Pass
1**	1061.900	26.09	-18.42	54.0	-27.91	AV	287.00	150	Horizontal	Pass
2	2786.700	42.43	-10.48	74.0	-31.57	Peak	302.00	150	Horizontal	Pass
2**	2786.700	33.01	-10.48	54.0	-20.99	AV	302.00	150	Horizontal	Pass
3	4051.600	47.76	-4.82	74.0	-26.24	Peak	252.00	150	Horizontal	Pass
3**	4051.600	37.73	-4.82	54.0	-16.27	AV	252.00	150	Horizontal	Pass
4	5758.000	100.82	-1.99	--	--	Peak	303.00	150	Horizontal	N/A
4**	5758.000	94.56	-1.99	--	--	AV	303.00	150	Horizontal	N/A
5	12277.638	50.57	1.72	74.0	-23.43	Peak	240.00	150	Horizontal	Pass
5**	12277.638	40.98	1.72	54.0	-13.02	AV	240.00	150	Horizontal	Pass
6	15804.450	53.23	2.28	74.0	-20.77	Peak	309.00	150	Horizontal	Pass
6**	15804.450	44.08	2.28	54.0	-9.92	AV	309.00	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	1063.600	36.55	-18.41	74.0	-37.45	Peak	210.00	150	Vertical	Pass
1**	1063.600	27.24	-18.41	54.0	-26.76	AV	210.00	150	Vertical	Pass
2	2798.900	42.82	-10.57	74.0	-31.18	Peak	87.00	150	Vertical	Pass
2**	2798.900	33.19	-10.57	54.0	-20.81	AV	87.00	150	Vertical	Pass
3	4022.400	46.59	-5.13	74.0	-27.41	Peak	0.00	150	Vertical	Pass
3**	4022.400	37.38	-5.13	54.0	-16.62	AV	0.00	150	Vertical	Pass
4	5756.400	92.10	-2.03	--	--	Peak	183.00	150	Vertical	N/A
4**	5756.400	86.23	-2.03	--	--	AV	183.00	150	Vertical	N/A
5	12432.026	50.51	1.61	74.0	-23.49	Peak	205.00	150	Vertical	Pass
5**	12432.026	41.21	1.61	54.0	-12.79	AV	205.00	150	Vertical	Pass
6	15803.662	53.94	2.29	74.0	-20.06	Peak	126.00	150	Vertical	Pass
6**	15803.662	45.13	2.29	54.0	-8.87	AV	126.00	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	1063.600	37.97	-18.41	74.0	-36.03	Peak	331.00	150	Horizontal	Pass
1**	1063.600	29.24	-18.41	54.0	-24.76	AV	331.00	150	Horizontal	Pass
2	2799.500	44.09	-10.56	74.0	-29.91	Peak	280.00	150	Horizontal	Pass
2**	2799.500	36.37	-10.56	54.0	-17.63	AV	280.00	150	Horizontal	Pass
3	3933.800	46.50	-5.84	74.0	-27.50	Peak	14.00	150	Horizontal	Pass
3**	3933.800	36.68	-5.84	54.0	-17.32	AV	14.00	150	Horizontal	Pass
4	5793.000	100.76	-2.55	--	--	Peak	344.00	150	Horizontal	N/A
4**	5793.000	92.99	-2.55	--	--	AV	344.00	150	Horizontal	N/A
5	12444.963	50.97	1.81	74.0	-23.03	Peak	237.00	150	Horizontal	Pass
5**	12444.963	42.42	1.81	54.0	-11.58	AV	237.00	150	Horizontal	Pass
6	15620.963	53.80	1.65	74.0	-20.20	Peak	333.00	150	Horizontal	Pass
6**	15620.963	44.52	1.65	54.0	-9.48	AV	333.00	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	1065.300	37.88	-18.39	74.0	-36.12	Peak	0.00	150	Vertical	Pass
1**	1065.300	25.90	-18.39	54.0	-28.10	AV	0.00	150	Vertical	Pass
2	2802.000	42.37	-10.49	74.0	-31.63	Peak	6.00	150	Vertical	Pass
2**	2802.000	32.44	-10.49	54.0	-21.56	AV	6.00	150	Vertical	Pass
3	4169.600	46.71	-5.20	74.0	-27.29	Peak	337.00	150	Vertical	Pass
3**	4169.600	38.30	-5.20	54.0	-15.70	AV	337.00	150	Vertical	Pass
4	5791.400	93.08	-2.57	--	--	Peak	225.00	150	Vertical	N/A
4**	5791.400	87.34	-2.57	--	--	AV	225.00	150	Vertical	N/A
5	12346.637	50.78	1.26	74.0	-23.22	Peak	0.00	150	Vertical	Pass
5**	12346.637	41.46	1.26	54.0	-12.54	AV	0.00	150	Vertical	Pass
6	15808.388	53.16	2.20	74.0	-20.84	Peak	0.00	150	Vertical	Pass
6**	15808.388	44.23	2.20	54.0	-9.77	AV	0.00	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	1064.900	39.59	-18.38	74.0	-34.41	Peak	278.00	150	Horizontal	Pass
1**	1064.900	29.08	-18.38	54.0	-24.92	AV	278.00	150	Horizontal	Pass
2	2789.700	42.31	-10.59	74.0	-31.69	Peak	360.00	150	Horizontal	Pass
2**	2789.700	33.60	-10.59	54.0	-20.40	AV	360.00	150	Horizontal	Pass
3	4078.200	46.59	-5.36	74.0	-27.41	Peak	279.00	150	Horizontal	Pass
3**	4078.200	37.54	-5.36	54.0	-16.46	AV	279.00	150	Horizontal	Pass
4	5751.000	97.29	-2.17	--	--	Peak	335.00	150	Horizontal	N/A
4**	5751.000	91.37	-2.17	--	--	AV	335.00	150	Horizontal	N/A
5	11310.488	49.78	0.37	74.0	-24.22	Peak	0.00	150	Horizontal	Pass
5**	11310.488	40.20	0.37	54.0	-13.80	AV	0.00	150	Horizontal	Pass
6	15704.963	53.22	0.69	74.0	-20.78	Peak	360.00	150	Horizontal	Pass
6**	15704.963	43.56	0.69	54.0	-10.44	AV	360.00	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	1062.400	38.27	-18.43	74.0	-35.73	Peak	327.00	150	Vertical	Pass
1**	1062.400	29.66	-18.43	54.0	-24.34	AV	327.00	150	Vertical	Pass
2	2842.000	42.95	-10.26	74.0	-31.05	Peak	48.00	150	Vertical	Pass
2**	2842.000	34.07	-10.26	54.0	-19.93	AV	48.00	150	Vertical	Pass
3	4053.600	47.28	-4.88	74.0	-26.72	Peak	360.00	150	Vertical	Pass
3**	4053.600	37.58	-4.88	54.0	-16.42	AV	360.00	150	Vertical	Pass
4	5752.000	90.22	-2.19	--	--	Peak	237.00	150	Vertical	N/A
4**	5752.000	83.46	-2.19	--	--	AV	237.00	150	Vertical	N/A
5	11676.763	49.90	0.23	74.0	-24.10	Peak	111.00	150	Vertical	Pass
5**	11676.763	40.75	0.23	54.0	-13.25	AV	111.00	150	Vertical	Pass
6	15837.000	53.43	1.45	74.0	-20.57	Peak	37.00	150	Vertical	Pass
6**	15837.000	44.43	1.45	54.0	-9.57	AV	37.00	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	1063.600	38.01	-18.41	74.0	-35.99	Peak	347.00	150	Horizontal	Pass
1**	1063.600	28.08	-18.41	54.0	-25.92	AV	347.00	150	Horizontal	Pass
2	2786.700	42.95	-10.48	74.0	-31.05	Peak	207.00	150	Horizontal	Pass
2**	2786.700	34.45	-10.48	54.0	-19.55	AV	207.00	150	Horizontal	Pass
3	4064.000	46.57	-5.24	74.0	-27.43	Peak	278.00	150	Horizontal	Pass
3**	4064.000	37.31	-5.24	54.0	-16.69	AV	278.00	150	Horizontal	Pass
4	5789.600	98.60	-2.52	--	--	Peak	334.00	150	Horizontal	N/A
4**	5789.600	91.06	-2.52	--	--	AV	334.00	150	Horizontal	N/A
5	12291.724	50.72	1.63	74.0	-23.28	Peak	112.00	150	Horizontal	Pass
5**	12291.724	40.55	1.63	54.0	-13.45	AV	112.00	150	Horizontal	Pass
6	15635.138	52.61	1.55	74.0	-21.39	Peak	0.00	150	Horizontal	Pass
6**	15635.138	44.34	1.55	54.0	-9.66	AV	0.00	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	1064.300	37.36	-18.39	74.0	-36.64	Peak	241.00	150	Vertical	Pass
1**	1064.300	29.55	-18.39	54.0	-24.45	AV	241.00	150	Vertical	Pass
2	2780.500	42.06	-10.41	74.0	-31.94	Peak	187.00	150	Vertical	Pass
2**	2780.500	33.71	-10.41	54.0	-20.29	AV	187.00	150	Vertical	Pass
3	3762.200	46.52	-6.37	74.0	-27.48	Peak	53.00	150	Vertical	Pass
3**	3762.200	36.93	-6.37	54.0	-17.07	AV	53.00	150	Vertical	Pass
4	5791.000	91.41	-2.58	--	--	Peak	186.00	150	Vertical	N/A
4**	5791.000	85.18	-2.58	--	--	AV	186.00	150	Vertical	N/A
5	12263.262	50.98	1.22	74.0	-23.02	Peak	0.00	150	Vertical	Pass
5**	12263.262	41.20	1.22	54.0	-12.80	AV	0.00	150	Vertical	Pass
6	15628.838	53.31	1.71	74.0	-20.69	Peak	360.00	150	Vertical	Pass
6**	15628.838	45.01	1.71	54.0	-8.99	AV	360.00	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	1062.700	37.59	-18.43	74.0	-36.41	Peak	291.00	150	Horizontal	Pass
1**	1062.700	28.72	-18.43	54.0	-25.28	AV	291.00	150	Horizontal	Pass
2	2781.600	42.73	-10.39	74.0	-31.27	Peak	202.00	150	Horizontal	Pass
2**	2781.600	33.55	-10.39	54.0	-20.45	AV	202.00	150	Horizontal	Pass
3	3956.000	47.37	-4.64	74.0	-26.63	Peak	169.00	150	Horizontal	Pass
3**	3956.000	38.08	-4.64	54.0	-15.92	AV	169.00	150	Horizontal	Pass
4	5818.200	98.25	-2.52	--	--	Peak	344.00	150	Horizontal	N/A
4**	5818.200	93.18	-2.52	--	--	AV	344.00	150	Horizontal	N/A
5	11182.838	49.52	-0.57	74.0	-24.48	Peak	47.00	150	Horizontal	Pass
5**	11182.838	39.22	-0.57	54.0	-14.78	AV	47.00	150	Horizontal	Pass
6	15804.188	53.34	2.28	74.0	-20.66	Peak	360.00	150	Horizontal	Pass
6**	15804.188	45.09	2.28	54.0	-8.91	AV	360.00	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	1064.600	38.14	-18.38	74.0	-35.86	Peak	0.00	150	Vertical	Pass
1**	1064.600	28.14	-18.38	54.0	-25.86	AV	0.00	150	Vertical	Pass
2	2789.100	43.29	-10.58	74.0	-30.71	Peak	133.00	150	Vertical	Pass
2**	2789.100	33.89	-10.58	54.0	-20.11	AV	133.00	150	Vertical	Pass
3	4282.600	46.68	-4.72	74.0	-27.32	Peak	112.00	150	Vertical	Pass
3**	4282.600	39.47	-4.72	54.0	-14.53	AV	112.00	150	Vertical	Pass
4	5818.200	91.40	-2.52	--	--	Peak	227.00	150	Vertical	N/A
4**	5818.200	84.25	-2.52	--	--	AV	227.00	150	Vertical	N/A
5	11836.613	49.81	1.14	74.0	-24.19	Peak	338.00	150	Vertical	Pass
5**	11836.613	40.39	1.14	54.0	-13.61	AV	338.00	150	Vertical	Pass
6	15458.737	53.45	1.52	74.0	-20.55	Peak	360.00	150	Vertical	Pass
6**	15458.737	45.37	1.52	54.0	-8.63	AV	360.00	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	1065.600	37.78	-18.40	74.0	-36.22	Peak	344.00	150	Horizontal	Pass
1**	1065.600	28.02	-18.40	54.0	-25.98	AV	344.00	150	Horizontal	Pass
2	2739.600	42.92	-10.83	74.0	-31.08	Peak	360.00	150	Horizontal	Pass
2**	2739.600	34.29	-10.83	54.0	-19.71	AV	360.00	150	Horizontal	Pass
3	4140.800	47.64	-4.89	74.0	-26.36	Peak	142.00	150	Horizontal	Pass
3**	4140.800	37.67	-4.89	54.0	-16.33	AV	142.00	150	Horizontal	Pass
4	5767.600	99.26	-1.81	--	--	Peak	307.00	150	Horizontal	N/A
4**	5767.600	92.52	-1.81	--	--	AV	307.00	150	Horizontal	N/A
5	11477.526	49.88	-0.07	74.0	-24.12	Peak	151.00	150	Horizontal	Pass
5**	11477.526	42.01	-0.07	54.0	-11.99	AV	151.00	150	Horizontal	Pass
6	15860.625	53.44	0.91	74.0	-20.56	Peak	355.00	150	Horizontal	Pass
6**	15860.625	43.66	0.91	54.0	-10.34	AV	355.00	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	1063.000	37.55	-18.43	74.0	-36.45	Peak	346.00	150	Vertical	Pass
1**	1063.000	30.21	-18.43	54.0	-23.79	AV	346.00	150	Vertical	Pass
2	2751.000	42.96	-10.80	74.0	-31.04	Peak	94.00	150	Vertical	Pass
2**	2751.000	32.60	-10.80	54.0	-21.40	AV	94.00	150	Vertical	Pass
3	4069.200	46.50	-5.42	74.0	-27.50	Peak	283.00	150	Vertical	Pass
3**	4069.200	36.87	-5.42	54.0	-17.13	AV	283.00	150	Vertical	Pass
4	5756.200	91.70	-2.03	--	--	Peak	242.00	150	Vertical	N/A
4**	5756.200	85.34	-2.03	--	--	AV	242.00	150	Vertical	N/A
5	12046.200	50.11	0.95	74.0	-23.89	Peak	156.00	150	Vertical	Pass
5**	12046.200	41.29	0.95	54.0	-12.71	AV	156.00	150	Vertical	Pass
6	15785.287	53.32	1.81	74.0	-20.68	Peak	319.00	150	Vertical	Pass
6**	15785.287	44.83	1.81	54.0	-9.17	AV	319.00	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	1062.900	39.21	-18.43	74.0	-34.79	Peak	288.00	150	Horizontal	Pass
1**	1062.900	27.55	-18.43	54.0	-26.45	AV	288.00	150	Horizontal	Pass
2	2844.300	43.80	-10.32	74.0	-30.20	Peak	76.00	150	Horizontal	Pass
2**	2844.300	33.11	-10.32	54.0	-20.89	AV	76.00	150	Horizontal	Pass
3	4089.200	46.68	-5.47	74.0	-27.32	Peak	304.00	150	Horizontal	Pass
3**	4089.200	38.36	-5.47	54.0	-15.64	AV	304.00	150	Horizontal	Pass
4	5793.000	100.09	-2.55	--	--	Peak	345.00	150	Horizontal	N/A
4**	5793.000	91.71	-2.55	--	--	AV	345.00	150	Horizontal	N/A
5	12003.937	49.83	1.29	74.0	-24.17	Peak	227.00	150	Horizontal	Pass
5**	12003.937	40.88	1.29	54.0	-13.12	AV	227.00	150	Horizontal	Pass
6	15613.875	53.65	1.44	74.0	-20.35	Peak	360.00	150	Horizontal	Pass
6**	15613.875	44.79	1.44	54.0	-9.21	AV	360.00	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	1063.400	37.48	-18.42	74.0	-36.52	Peak	0.00	150	Vertical	Pass
1**	1063.400	29.73	-18.42	54.0	-24.27	AV	0.00	150	Vertical	Pass
2	2776.200	42.05	-10.46	74.0	-31.95	Peak	325.00	150	Vertical	Pass
2**	2776.200	32.71	-10.46	54.0	-21.29	AV	325.00	150	Vertical	Pass
3	4157.800	46.76	-4.94	74.0	-27.24	Peak	287.00	150	Vertical	Pass
3**	4157.800	37.86	-4.94	54.0	-16.14	AV	287.00	150	Vertical	Pass
4	5808.400	91.64	-2.45	--	--	Peak	224.00	150	Vertical	N/A
4**	5808.400	84.64	-2.45	--	--	AV	224.00	150	Vertical	N/A
5	11932.637	50.16	1.63	74.0	-23.84	Peak	360.00	150	Vertical	Pass
5**	11932.637	40.62	1.63	54.0	-13.38	AV	360.00	150	Vertical	Pass
6	15795.000	54.03	2.17	74.0	-19.97	Peak	360.00	150	Vertical	Pass
6**	15795.000	45.14	2.17	54.0	-8.86	AV	360.00	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	1063.400	38.43	-18.42	74.0	-35.57	Peak	280.00	150	Horizontal	Pass
1**	1063.400	27.58	-18.42	54.0	-26.42	AV	280.00	150	Horizontal	Pass
2	2773.000	42.16	-10.48	74.0	-31.84	Peak	111.00	150	Horizontal	Pass
2**	2773.000	33.60	-10.48	54.0	-20.40	AV	111.00	150	Horizontal	Pass
3	4269.400	47.84	-4.52	74.0	-26.16	Peak	132.00	150	Horizontal	Pass
3**	4269.400	38.36	-4.52	54.0	-15.64	AV	132.00	150	Horizontal	Pass
4	5757.000	96.35	-2.02	--	--	Peak	327.00	150	Horizontal	N/A
4**	5757.000	88.56	-2.02	--	--	AV	327.00	150	Horizontal	N/A
5	11668.712	50.48	0.22	74.0	-23.52	Peak	0.00	150	Horizontal	Pass
5**	11668.712	40.82	0.22	54.0	-13.18	AV	0.00	150	Horizontal	Pass
6	15802.087	53.34	2.31	74.0	-20.66	Peak	58.00	150	Horizontal	Pass
6**	15802.087	44.04	2.31	54.0	-9.96	AV	58.00	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	1065.700	37.52	-18.40	74.0	-36.48	Peak	345.00	150	Vertical	Pass
1**	1065.700	30.12	-18.40	54.0	-23.88	AV	345.00	150	Vertical	Pass
2	2778.500	42.59	-10.42	74.0	-31.41	Peak	125.00	150	Vertical	Pass
2**	2778.500	34.52	-10.42	54.0	-19.48	AV	125.00	150	Vertical	Pass
3	4077.400	46.53	-5.39	74.0	-27.47	Peak	147.00	150	Vertical	Pass
3**	4077.400	37.13	-5.39	54.0	-16.87	AV	147.00	150	Vertical	Pass
4	5802.800	87.76	-2.52	--	--	Peak	232.00	150	Vertical	N/A
4**	5802.800	81.69	-2.52	--	--	AV	232.00	150	Vertical	N/A
5	12079.263	50.28	0.60	74.0	-23.72	Peak	323.00	150	Vertical	Pass
5**	12079.263	40.50	0.60	54.0	-13.50	AV	323.00	150	Vertical	Pass
6	15830.700	54.12	1.49	74.0	-19.88	Peak	360.00	150	Vertical	Pass
6**	15830.700	44.38	1.49	54.0	-9.62	AV	360.00	150	Vertical	Pass

Aux. Antenna

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	1065.500	38.80	-18.40	74.0	-35.20	Peak	0.00	150	Horizontal	Pass
1**	1065.500	28.97	-18.40	54.0	-25.03	AV	0.00	150	Horizontal	Pass
2	2798.800	43.19	-10.57	74.0	-30.81	Peak	344.00	150	Horizontal	Pass
2**	2798.800	34.98	-10.57	54.0	-19.02	AV	344.00	150	Horizontal	Pass
3	3972.200	46.25	-5.23	74.0	-27.75	Peak	232.00	150	Horizontal	Pass
3**	3972.200	36.33	-5.23	54.0	-17.67	AV	232.00	150	Horizontal	Pass
4	5174.200	97.33	-2.91	--	--	Peak	43.00	150	Horizontal	N/A
4**	5174.200	90.52	-2.91	--	--	AV	43.00	150	Horizontal	N/A
5	11921.424	50.32	1.50	74.0	-23.68	Peak	71.00	150	Horizontal	Pass
5**	11921.424	41.45	1.50	54.0	-12.55	AV	71.00	150	Horizontal	Pass
6	15773.475	53.38	1.21	74.0	-20.62	Peak	298.00	150	Horizontal	Pass
6**	15773.475	44.98	1.21	54.0	-9.02	AV	298.00	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	1065.000	37.66	-18.38	74.0	-36.34	Peak	203.00	150	Vertical	Pass
1**	1065.000	26.95	-18.38	54.0	-27.05	AV	203.00	150	Vertical	Pass
2	2809.900	42.53	-10.25	74.0	-31.47	Peak	316.00	150	Vertical	Pass
2**	2809.900	33.35	-10.25	54.0	-20.65	AV	316.00	150	Vertical	Pass
3	4163.800	46.53	-4.99	74.0	-27.47	Peak	325.00	150	Vertical	Pass
3**	4163.800	37.78	-4.99	54.0	-16.22	AV	325.00	150	Vertical	Pass
4	5175.800	94.89	-2.85	--	--	Peak	23.00	150	Vertical	N/A
4**	5175.800	88.10	-2.85	--	--	AV	23.00	150	Vertical	N/A
5	11350.162	49.90	-0.03	74.0	-24.10	Peak	61.00	150	Vertical	Pass
5**	11350.162	41.01	-0.03	54.0	-12.99	AV	61.00	150	Vertical	Pass
6	15740.401	52.82	0.86	74.0	-21.18	Peak	179.00	150	Vertical	Pass
6**	15740.401	45.17	0.86	54.0	-8.83	AV	179.00	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	1065.200	37.92	-18.39	74.0	-36.08	Peak	360.00	150	Horizontal	Pass
1**	1065.200	29.66	-18.39	54.0	-24.34	AV	360.00	150	Horizontal	Pass
2	2790.600	42.76	-10.61	74.0	-31.24	Peak	302.00	150	Horizontal	Pass
2**	2790.600	33.70	-10.61	54.0	-20.30	AV	302.00	150	Horizontal	Pass
3	4027.400	46.71	-5.10	74.0	-27.29	Peak	89.00	150	Horizontal	Pass
3**	4027.400	36.90	-5.10	54.0	-17.10	AV	89.00	150	Horizontal	Pass
4	5225.600	96.62	-3.06	--	--	Peak	89.00	150	Horizontal	N/A
4**	5225.600	90.46	-3.06	--	--	AV	89.00	150	Horizontal	N/A
5	11498.225	50.51	0.05	74.0	-23.49	Peak	219.00	150	Horizontal	Pass
5**	11498.225	41.19	0.05	54.0	-12.81	AV	219.00	150	Horizontal	Pass
6	15837.000	52.80	1.45	74.0	-21.20	Peak	238.00	150	Horizontal	Pass
6**	15837.000	43.87	1.45	54.0	-10.13	AV	238.00	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	1062.800	37.74	-18.43	74.0	-36.26	Peak	0.00	150	Vertical	Pass
1**	1062.800	29.20	-18.43	54.0	-24.80	AV	0.00	150	Vertical	Pass
2	2837.900	43.59	-10.33	74.0	-30.41	Peak	193.00	150	Vertical	Pass
2**	2837.900	32.95	-10.33	54.0	-21.05	AV	193.00	150	Vertical	Pass
3	3718.800	46.54	-6.50	74.0	-27.46	Peak	271.00	150	Vertical	Pass
3**	3718.800	36.17	-6.50	54.0	-17.83	AV	271.00	150	Vertical	Pass
4	5225.000	95.40	-3.05	--	--	Peak	0.00	150	Vertical	N/A
4**	5225.000	89.09	-3.05	--	--	AV	0.00	150	Vertical	N/A
5	12280.225	50.47	1.80	74.0	-23.53	Peak	360.00	150	Vertical	Pass
5**	12280.225	41.44	1.80	54.0	-12.56	AV	360.00	150	Vertical	Pass
6	15810.487	54.67	2.15	74.0	-19.33	Peak	360.00	150	Vertical	Pass
6**	15810.487	44.94	2.15	54.0	-9.06	AV	360.00	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	1064.600	37.66	-18.38	74.0	-36.34	Peak	320.00	150	Horizontal	Pass
1**	1064.600	29.77	-18.38	54.0	-24.23	AV	320.00	150	Horizontal	Pass
2	2864.700	42.94	-10.42	74.0	-31.06	Peak	255.00	150	Horizontal	Pass
2**	2864.700	33.89	-10.42	54.0	-20.11	AV	255.00	150	Horizontal	Pass
3	3958.600	47.48	-4.64	74.0	-26.52	Peak	183.00	150	Horizontal	Pass
3**	3958.600	37.60	-4.64	54.0	-16.40	AV	183.00	150	Horizontal	Pass
4	5244.200	97.35	-2.64	--	--	Peak	253.00	150	Horizontal	N/A
4**	5244.200	89.03	-2.64	--	--	AV	253.00	150	Horizontal	N/A
5	12080.125	50.04	0.59	74.0	-23.96	Peak	26.00	150	Horizontal	Pass
5**	12080.125	41.17	0.59	54.0	-12.83	AV	26.00	150	Horizontal	Pass
6	15806.812	54.02	2.23	74.0	-19.98	Peak	181.00	150	Horizontal	Pass
6**	15806.812	44.32	2.23	54.0	-9.68	AV	181.00	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	1064.700	37.17	-18.38	74.0	-36.83	Peak	338.00	150	Vertical	Pass
1**	1064.700	27.96	-18.38	54.0	-26.04	AV	338.00	150	Vertical	Pass
2	2810.100	42.96	-10.24	74.0	-31.04	Peak	248.00	150	Vertical	Pass
2**	2810.100	33.97	-10.24	54.0	-20.03	AV	248.00	150	Vertical	Pass
3	4078.200	46.60	-5.36	74.0	-27.40	Peak	22.00	150	Vertical	Pass
3**	4078.200	37.20	-5.36	54.0	-16.80	AV	22.00	150	Vertical	Pass
4	5244.800	95.85	-2.64	--	--	Peak	119.00	150	Vertical	N/A
4**	5244.800	89.71	-2.64	--	--	AV	119.00	150	Vertical	N/A
5	11317.387	49.79	0.51	74.0	-24.21	Peak	2.00	150	Vertical	Pass
5**	11317.387	41.38	0.51	54.0	-12.62	AV	2.00	150	Vertical	Pass
6	15795.526	53.03	2.19	74.0	-20.97	Peak	46.00	150	Vertical	Pass
6**	15795.526	44.76	2.19	54.0	-9.24	AV	46.00	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	1063.700	38.69	-18.41	74.0	-35.31	Peak	343.00	150	Horizontal	Pass
1**	1063.700	31.57	-18.41	54.0	-22.43	AV	343.00	150	Horizontal	Pass
2	2774.400	43.45	-10.48	74.0	-30.55	Peak	80.00	150	Horizontal	Pass
2**	2774.400	33.79	-10.48	54.0	-20.21	AV	80.00	150	Horizontal	Pass
3	4038.200	46.62	-4.76	74.0	-27.38	Peak	138.00	150	Horizontal	Pass
3**	4038.200	37.15	-4.76	54.0	-16.85	AV	138.00	150	Horizontal	Pass
4	5174.200	96.28	-2.91	--	--	Peak	37.00	150	Horizontal	N/A
4**	5174.200	89.63	-2.91	--	--	AV	37.00	150	Horizontal	N/A
5	11972.025	50.14	0.81	74.0	-23.86	Peak	13.00	150	Horizontal	Pass
5**	11972.025	40.66	0.81	54.0	-13.34	AV	13.00	150	Horizontal	Pass
6	15638.550	53.05	1.41	74.0	-20.95	Peak	230.00	150	Horizontal	Pass
6**	15638.550	44.75	1.41	54.0	-9.25	AV	230.00	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	1063.000	38.29	-18.43	74.0	-35.71	Peak	343.00	150	Vertical	Pass
1**	1063.000	28.71	-18.43	54.0	-25.29	AV	343.00	150	Vertical	Pass
2	2775.300	42.60	-10.49	74.0	-31.40	Peak	108.00	150	Vertical	Pass
2**	2775.300	33.23	-10.49	54.0	-20.77	AV	108.00	150	Vertical	Pass
3	4007.400	46.79	-5.20	74.0	-27.21	Peak	0.00	150	Vertical	Pass
3**	4007.400	38.30	-5.20	54.0	-15.70	AV	0.00	150	Vertical	Pass
4	5186.400	93.97	-2.77	--	--	Peak	0.00	150	Vertical	N/A
4**	5186.400	89.24	-2.77	--	--	AV	0.00	150	Vertical	N/A
5	11310.488	49.86	0.37	74.0	-24.14	Peak	0.00	150	Vertical	Pass
5**	11310.488	40.28	0.37	54.0	-13.72	AV	0.00	150	Vertical	Pass
6	15800.250	54.95	2.33	74.0	-19.05	Peak	290.00	150	Vertical	Pass
6**	15800.250	45.68	2.33	54.0	-8.32	AV	290.00	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	1065.000	39.67	-18.38	74.0	-34.33	Peak	283.00	150	Horizontal	Pass
1**	1065.000	28.12	-18.38	54.0	-25.88	AV	283.00	150	Horizontal	Pass
2	2825.400	42.80	-10.29	74.0	-31.20	Peak	283.00	150	Horizontal	Pass
2**	2825.400	33.58	-10.29	54.0	-20.42	AV	283.00	150	Horizontal	Pass
3	3951.400	47.00	-4.73	74.0	-27.00	Peak	38.00	150	Horizontal	Pass
3**	3951.400	38.05	-4.73	54.0	-15.95	AV	38.00	150	Horizontal	Pass
4	5225.400	95.56	-3.06	--	--	Peak	79.00	150	Horizontal	N/A
4**	5225.400	88.88	-3.06	--	--	AV	79.00	150	Horizontal	N/A
5	12165.224	50.11	0.57	74.0	-23.89	Peak	72.00	150	Horizontal	Pass
5**	12165.224	40.42	0.57	54.0	-13.58	AV	72.00	150	Horizontal	Pass
6	15838.312	53.68	1.45	74.0	-20.32	Peak	204.00	150	Horizontal	Pass
6**	15838.312	44.73	1.45	54.0	-9.27	AV	204.00	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	1063.300	37.31	-18.42	74.0	-36.69	Peak	251.00	150	Vertical	Pass
1**	1063.300	28.83	-18.42	54.0	-25.17	AV	251.00	150	Vertical	Pass
2	2838.700	43.10	-10.28	74.0	-30.90	Peak	360.00	150	Vertical	Pass
2**	2838.700	33.95	-10.28	54.0	-20.05	AV	360.00	150	Vertical	Pass
3	4197.800	47.72	-4.91	74.0	-26.28	Peak	172.00	150	Vertical	Pass
3**	4197.800	38.56	-4.91	54.0	-15.44	AV	172.00	150	Vertical	Pass
4	5212.800	94.37	-2.85	--	--	Peak	114.00	150	Vertical	N/A
4**	5212.800	88.14	-2.85	--	--	AV	114.00	150	Vertical	N/A
5	11643.987	49.57	-0.21	74.0	-24.43	Peak	0.00	150	Vertical	Pass
5**	11643.987	41.28	-0.21	54.0	-12.72	AV	0.00	150	Vertical	Pass
6	15512.549	53.22	1.42	74.0	-20.78	Peak	83.00	150	Vertical	Pass
6**	15512.549	45.08	1.42	54.0	-8.92	AV	83.00	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	1064.700	38.08	-18.38	74.0	-35.92	Peak	343.00	150	Horizontal	Pass
1**	1064.700	29.82	-18.38	54.0	-24.18	AV	343.00	150	Horizontal	Pass
2	2776.400	43.20	-10.45	74.0	-30.80	Peak	360.00	150	Horizontal	Pass
2**	2776.400	33.00	-10.45	54.0	-21.00	AV	360.00	150	Horizontal	Pass
3	4075.000	46.96	-5.52	74.0	-27.04	Peak	38.00	150	Horizontal	Pass
3**	4075.000	37.83	-5.52	54.0	-16.17	AV	38.00	150	Horizontal	Pass
4	5246.000	94.31	-2.69	--	--	Peak	38.00	150	Horizontal	N/A
4**	5246.000	88.29	-2.69	--	--	AV	38.00	150	Horizontal	N/A
5	12001.350	49.69	1.28	74.0	-24.31	Peak	0.00	150	Horizontal	Pass
5**	12001.350	41.59	1.28	54.0	-12.41	AV	0.00	150	Horizontal	Pass
6	15826.237	53.45	1.60	74.0	-20.55	Peak	63.00	150	Horizontal	Pass
6**	15826.237	44.38	1.60	54.0	-9.62	AV	63.00	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	1064.100	37.63	-18.40	74.0	-36.37	Peak	190.00	150	Vertical	Pass
1**	1064.100	28.70	-18.40	54.0	-25.30	AV	190.00	150	Vertical	Pass
2	2800.100	42.41	-10.56	74.0	-31.59	Peak	305.00	150	Vertical	Pass
2**	2800.100	33.44	-10.56	54.0	-20.56	AV	305.00	150	Vertical	Pass
3	4062.000	47.10	-5.13	74.0	-26.90	Peak	158.00	150	Vertical	Pass
3**	4062.000	37.55	-5.13	54.0	-16.45	AV	158.00	150	Vertical	Pass
4	5244.400	95.72	-2.64	--	--	Peak	117.00	150	Vertical	N/A
4**	5244.400	88.79	-2.64	--	--	AV	117.00	150	Vertical	N/A
5	11977.201	50.25	0.83	74.0	-23.75	Peak	151.00	150	Vertical	Pass
5**	11977.201	39.98	0.83	54.0	-14.02	AV	151.00	150	Vertical	Pass
6	15619.912	53.42	1.63	74.0	-20.58	Peak	360.00	150	Vertical	Pass
6**	15619.912	44.40	1.63	54.0	-9.60	AV	360.00	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	1141.900	37.01	-18.30	74.0	-36.99	Peak	0.00	100	Horizontal	Pass
1**	1141.900	31.75	-18.30	54.0	-22.25	AV	0.00	100	Horizontal	Pass
2	2800.800	43.69	-10.55	74.0	-30.31	Peak	74.00	100	Horizontal	Pass
2**	2800.800	33.81	-10.55	54.0	-20.19	AV	74.00	100	Horizontal	Pass
3	4170.400	46.50	-5.22	74.0	-27.50	Peak	314.00	100	Horizontal	Pass
3**	4170.400	36.73	-5.22	54.0	-17.27	AV	314.00	100	Horizontal	Pass
4	5199.600	100.59	-2.64	--	--	Peak	265.00	100	Horizontal	N/A
4**	5199.600	93.83	-2.64	--	--	AV	265.00	100	Horizontal	N/A
5	11638.813	49.85	-0.23	74.0	-24.15	Peak	360.00	100	Horizontal	Pass
5**	11638.813	41.38	-0.23	54.0	-12.62	AV	360.00	100	Horizontal	Pass
6	15809.438	53.61	2.18	74.0	-20.39	Peak	177.00	100	Horizontal	Pass
6**	15809.438	46.05	2.18	54.0	-7.95	AV	177.00	100	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	1153.700	35.79	-18.03	74.0	-38.21	Peak	318.00	150	Vertical	Pass
1**	1153.700	27.41	-18.03	54.0	-26.59	AV	318.00	150	Vertical	Pass
2	2786.900	41.87	-10.49	74.0	-32.13	Peak	270.00	150	Vertical	Pass
2**	2786.900	32.72	-10.49	54.0	-21.28	AV	270.00	150	Vertical	Pass
3	3869.400	46.23	-5.91	74.0	-27.77	Peak	95.00	150	Vertical	Pass
3**	3869.400	36.74	-5.91	54.0	-17.26	AV	95.00	150	Vertical	Pass
4	5191.400	93.05	-2.63	--	--	Peak	218.00	150	Vertical	N/A
4**	5191.400	87.08	-2.63	--	--	AV	218.00	150	Vertical	N/A
5	11817.925	49.79	1.01	74.0	-24.21	Peak	234.00	150	Vertical	Pass
5**	11817.925	39.83	1.01	54.0	-14.17	AV	234.00	150	Vertical	Pass
6	15627.000	53.34	1.71	74.0	-20.66	Peak	24.00	150	Vertical	Pass
6**	15627.000	45.00	1.71	54.0	-9.00	AV	24.00	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	1143.900	36.27	-18.27	74.0	-37.73	Peak	67.00	150	Horizontal	Pass
1**	1143.900	26.93	-18.27	54.0	-27.07	AV	67.00	150	Horizontal	Pass
2	2784.700	42.71	-10.54	74.0	-31.29	Peak	8.00	150	Horizontal	Pass
2**	2784.700	33.41	-10.54	54.0	-20.59	AV	8.00	150	Horizontal	Pass
3	4039.400	46.19	-4.80	74.0	-27.81	Peak	292.00	150	Horizontal	Pass
3**	4039.400	37.36	-4.80	54.0	-16.64	AV	292.00	150	Horizontal	Pass
4	5243.000	99.52	-2.69	--	--	Peak	267.00	150	Horizontal	N/A
4**	5243.000	92.68	-2.69	--	--	AV	267.00	150	Horizontal	N/A
5	12116.638	50.40	0.56	74.0	-23.60	Peak	339.00	150	Horizontal	Pass
5**	12116.638	41.54	0.56	54.0	-12.46	AV	339.00	150	Horizontal	Pass
6	15802.350	53.04	2.30	74.0	-20.96	Peak	243.00	150	Horizontal	Pass
6**	15802.350	44.93	2.30	54.0	-9.07	AV	243.00	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	1105.400	35.16	-18.47	74.0	-38.84	Peak	185.00	150	Vertical	Pass
1**	1105.400	25.73	-18.47	54.0	-28.27	AV	185.00	150	Vertical	Pass
2	2786.500	42.01	-10.47	74.0	-31.99	Peak	0.00	150	Vertical	Pass
2**	2786.500	33.09	-10.47	54.0	-20.91	AV	0.00	150	Vertical	Pass
3	4066.200	46.47	-5.40	74.0	-27.53	Peak	181.00	150	Vertical	Pass
3**	4066.200	37.80	-5.40	54.0	-16.20	AV	181.00	150	Vertical	Pass
4	5232.000	94.22	-2.88	--	--	Peak	327.00	150	Vertical	N/A
4**	5232.000	87.96	-2.88	--	--	AV	327.00	150	Vertical	N/A
5	11064.100	50.13	-0.93	74.0	-23.87	Peak	126.00	150	Vertical	Pass
5**	11064.100	40.80	-0.93	54.0	-13.20	AV	126.00	150	Vertical	Pass
6	15812.325	53.52	2.12	74.0	-20.48	Peak	360.00	150	Vertical	Pass
6**	15812.325	44.52	2.12	54.0	-9.48	AV	360.00	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	1105.400	35.73	-18.47	74.0	-38.27	Peak	361.00	150	Horizontal	Pass
1**	1105.400	27.28	-18.47	54.0	-26.72	AV	361.00	150	Horizontal	Pass
2	2812.500	42.21	-10.09	74.0	-31.79	Peak	18.00	150	Horizontal	Pass
2**	2812.500	33.38	-10.09	54.0	-20.62	AV	18.00	150	Horizontal	Pass
3	4067.200	46.41	-5.49	74.0	-27.59	Peak	172.00	150	Horizontal	Pass
3**	4067.200	37.55	-5.49	54.0	-16.45	AV	172.00	150	Horizontal	Pass
4	5184.200	97.45	-2.81	--	--	Peak	262.00	150	Horizontal	N/A
4**	5184.200	90.63	-2.81	--	--	AV	262.00	150	Horizontal	N/A
5	11542.787	50.41	-0.56	74.0	-23.59	Peak	253.00	150	Horizontal	Pass
5**	11542.787	40.09	-0.56	54.0	-13.91	AV	253.00	150	Horizontal	Pass
6	15801.037	53.77	2.32	74.0	-20.23	Peak	330.00	150	Horizontal	Pass
6**	15801.037	45.13	2.32	54.0	-8.87	AV	330.00	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	1064.500	37.09	-18.39	74.0	-36.91	Peak	68.00	150	Vertical	Pass
1**	1064.500	29.60	-18.39	54.0	-24.40	AV	68.00	150	Vertical	Pass
2	2832.800	42.36	-10.33	74.0	-31.64	Peak	319.00	150	Vertical	Pass
2**	2832.800	33.17	-10.33	54.0	-20.83	AV	319.00	150	Vertical	Pass
3	4046.600	46.73	-4.80	74.0	-27.27	Peak	142.00	150	Vertical	Pass
3**	4046.600	37.47	-4.80	54.0	-16.53	AV	142.00	150	Vertical	Pass
4	5175.600	90.29	-2.86	--	--	Peak	326.00	150	Vertical	N/A
4**	5175.600	83.21	-2.86	--	--	AV	326.00	150	Vertical	N/A
5	12106.287	50.31	0.59	74.0	-23.69	Peak	0.00	150	Vertical	Pass
5**	12106.287	40.28	0.59	54.0	-13.72	AV	0.00	150	Vertical	Pass
6	16009.463	53.88	0.43	74.0	-20.12	Peak	360.00	150	Vertical	Pass
6**	16009.463	45.35	0.43	54.0	-8.65	AV	360.00	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	1131.200	35.56	-18.34	74.0	-38.44	Peak	3.00	150	Horizontal	Pass
1**	1131.200	26.97	-18.34	54.0	-27.03	AV	3.00	150	Horizontal	Pass
2	2774.200	42.32	-10.48	74.0	-31.68	Peak	248.00	150	Horizontal	Pass
2**	2774.200	33.17	-10.48	54.0	-20.83	AV	248.00	150	Horizontal	Pass
3	3853.800	46.27	-5.84	74.0	-27.73	Peak	207.00	150	Horizontal	Pass
3**	3853.800	37.11	-5.84	54.0	-16.89	AV	207.00	150	Horizontal	Pass
4	5213.600	96.37	-2.85	--	--	Peak	270.00	150	Horizontal	N/A
4**	5213.600	89.68	-2.85	--	--	AV	270.00	150	Horizontal	N/A
5	10975.838	49.90	-0.48	74.0	-24.10	Peak	340.00	150	Horizontal	Pass
5**	10975.838	41.02	-0.48	54.0	-12.98	AV	340.00	150	Horizontal	Pass
6	15795.262	53.55	2.18	74.0	-20.45	Peak	360.00	150	Horizontal	Pass
6**	15795.262	46.10	2.18	54.0	-7.90	AV	360.00	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	1161.600	35.69	-18.03	74.0	-38.31	Peak	200.00	150	Vertical	Pass
1**	1161.600	26.02	-18.03	54.0	-27.98	AV	200.00	150	Vertical	Pass
2	2796.700	42.50	-10.63	74.0	-31.50	Peak	3.00	150	Vertical	Pass
2**	2796.700	33.47	-10.63	54.0	-20.53	AV	3.00	150	Vertical	Pass
3	4053.600	46.84	-4.88	74.0	-27.16	Peak	267.00	150	Vertical	Pass
3**	4053.600	38.53	-4.88	54.0	-15.47	AV	267.00	150	Vertical	Pass
4	5224.600	91.06	-3.04	--	--	Peak	328.00	150	Vertical	N/A
4**	5224.600	84.75	-3.04	--	--	AV	328.00	150	Vertical	N/A
5	11924.875	50.59	1.51	74.0	-23.41	Peak	177.00	150	Vertical	Pass
5**	11924.875	40.52	1.51	54.0	-13.48	AV	177.00	150	Vertical	Pass
6	15810.224	52.78	2.16	74.0	-21.22	Peak	317.00	150	Vertical	Pass
6**	15810.224	45.31	2.16	54.0	-8.69	AV	317.00	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	1076.500	35.57	-18.53	74.0	-38.43	Peak	47.00	150	Horizontal	Pass
1**	1076.500	27.96	-18.53	54.0	-26.04	AV	47.00	150	Horizontal	Pass
2	2757.000	42.23	-10.79	74.0	-31.77	Peak	20.00	150	Horizontal	Pass
2**	2757.000	33.85	-10.79	54.0	-20.15	AV	20.00	150	Horizontal	Pass
3	4228.800	46.74	-4.53	74.0	-27.26	Peak	271.00	150	Horizontal	Pass
3**	4228.800	38.21	-4.53	54.0	-15.79	AV	271.00	150	Horizontal	Pass
4	5243.400	97.45	-2.67	--	--	Peak	271.00	150	Horizontal	N/A
4**	5243.400	90.43	-2.67	--	--	AV	271.00	150	Horizontal	N/A
5	11352.463	49.99	-0.09	74.0	-24.01	Peak	14.00	150	Horizontal	Pass
5**	11352.463	40.07	-0.09	54.0	-13.93	AV	14.00	150	Horizontal	Pass
6	15532.237	53.99	0.97	74.0	-20.01	Peak	360.00	150	Horizontal	Pass
6**	15532.237	44.76	0.97	54.0	-9.24	AV	360.00	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	1166.700	35.86	-18.18	74.0	-38.14	Peak	14.00	150	Vertical	Pass
1**	1166.700	27.32	-18.18	54.0	-26.68	AV	14.00	150	Vertical	Pass
2	2779.400	43.16	-10.43	74.0	-30.84	Peak	233.00	150	Vertical	Pass
2**	2779.400	32.95	-10.43	54.0	-21.05	AV	233.00	150	Vertical	Pass
3	4214.400	47.42	-5.23	74.0	-26.58	Peak	9.00	150	Vertical	Pass
3**	4214.400	36.71	-5.23	54.0	-17.29	AV	9.00	150	Vertical	Pass
4	5235.200	92.62	-2.85	--	--	Peak	327.00	150	Vertical	N/A
4**	5235.200	85.31	-2.85	--	--	AV	327.00	150	Vertical	N/A
5	12059.713	50.65	0.94	74.0	-23.35	Peak	3.00	150	Vertical	Pass
5**	12059.713	41.07	0.94	54.0	-12.93	AV	3.00	150	Vertical	Pass
6	15839.100	53.49	1.45	74.0	-20.51	Peak	122.00	150	Vertical	Pass
6**	15839.100	44.40	1.45	54.0	-9.60	AV	122.00	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	1153.000	35.92	-18.00	74.0	-38.08	Peak	0.00	150	Horizontal	Pass
1**	1153.000	26.65	-18.00	54.0	-27.35	AV	0.00	150	Horizontal	Pass
2	2793.000	41.96	-10.68	74.0	-32.04	Peak	334.00	150	Horizontal	Pass
2**	2793.000	33.16	-10.68	54.0	-20.84	AV	334.00	150	Horizontal	Pass
3	4049.000	47.11	-4.71	74.0	-26.89	Peak	107.00	150	Horizontal	Pass
3**	4049.000	37.33	-4.71	54.0	-16.67	AV	107.00	150	Horizontal	Pass
4	5191.800	97.75	-2.65	--	--	Peak	253.00	150	Horizontal	N/A
4**	5191.800	90.92	-2.65	--	--	AV	253.00	150	Horizontal	N/A
5	12000.487	50.19	1.28	74.0	-23.81	Peak	360.00	150	Horizontal	Pass
5**	12000.487	41.11	1.28	54.0	-12.89	AV	360.00	150	Horizontal	Pass
6	15529.088	53.19	1.16	74.0	-20.81	Peak	0.00	150	Horizontal	Pass
6**	15529.088	43.48	1.16	54.0	-10.52	AV	0.00	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	1159.100	35.50	-18.11	74.0	-38.50	Peak	24.00	150	Vertical	Pass
1**	1159.100	25.95	-18.11	54.0	-28.05	AV	24.00	150	Vertical	Pass
2	2818.400	42.20	-10.22	74.0	-31.80	Peak	271.00	150	Vertical	Pass
2**	2818.400	33.09	-10.22	54.0	-20.91	AV	271.00	150	Vertical	Pass
3	4023.200	46.76	-5.13	74.0	-27.24	Peak	216.00	150	Vertical	Pass
3**	4023.200	37.67	-5.13	54.0	-16.33	AV	216.00	150	Vertical	Pass
4	5193.200	89.23	-2.76	--	--	Peak	203.00	150	Vertical	N/A
4**	5193.200	82.97	-2.76	--	--	AV	203.00	150	Vertical	N/A
5	12091.912	50.17	0.52	74.0	-23.83	Peak	304.00	150	Vertical	Pass
5**	12091.912	41.32	0.52	54.0	-12.68	AV	304.00	150	Vertical	Pass
6	15789.487	53.06	1.99	74.0	-20.94	Peak	0.00	150	Vertical	Pass
6**	15789.487	44.94	1.99	54.0	-9.06	AV	0.00	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	1070.300	35.96	-18.47	74.0	-38.04	Peak	137.00	150	Horizontal	Pass
1**	1070.300	29.62	-18.47	54.0	-24.38	AV	137.00	150	Horizontal	Pass
2	2736.000	43.04	-10.98	74.0	-30.96	Peak	246.00	150	Horizontal	Pass
2**	2736.000	32.88	-10.98	54.0	-21.12	AV	246.00	150	Horizontal	Pass
3	4146.600	46.60	-4.88	74.0	-27.40	Peak	351.00	150	Horizontal	Pass
3**	4146.600	37.57	-4.88	54.0	-16.43	AV	351.00	150	Horizontal	Pass
4	5231.800	96.56	-2.89	--	--	Peak	251.00	150	Horizontal	N/A
4**	5231.800	90.14	-2.89	--	--	AV	251.00	150	Horizontal	N/A
5	12094.213	49.86	0.51	74.0	-24.14	Peak	131.00	150	Horizontal	Pass
5**	12094.213	41.75	0.51	54.0	-12.25	AV	131.00	150	Horizontal	Pass
6	15812.062	53.04	2.12	74.0	-20.96	Peak	175.00	150	Horizontal	Pass
6**	15812.062	44.80	2.12	54.0	-9.20	AV	175.00	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	1118.100	35.00	-18.60	74.0	-39.00	Peak	209.00	150	Vertical	Pass
1**	1118.100	25.87	-18.60	54.0	-28.13	AV	209.00	150	Vertical	Pass
2	2785.000	41.95	-10.52	74.0	-32.05	Peak	17.00	150	Vertical	Pass
2**	2785.000	33.49	-10.52	54.0	-20.51	AV	17.00	150	Vertical	Pass
3	4242.000	46.44	-4.87	74.0	-27.56	Peak	338.00	150	Vertical	Pass
3**	4242.000	38.16	-4.87	54.0	-15.84	AV	338.00	150	Vertical	Pass
4	5225.800	90.83	-3.05	--	--	Peak	313.00	150	Vertical	N/A
4**	5225.800	83.66	-3.05	--	--	AV	313.00	150	Vertical	N/A
5	11942.700	50.31	1.61	74.0	-23.69	Peak	74.00	150	Vertical	Pass
5**	11942.700	41.55	1.61	54.0	-12.45	AV	74.00	150	Vertical	Pass
6	15515.437	53.95	1.40	74.0	-20.05	Peak	207.00	150	Vertical	Pass
6**	15515.437	44.18	1.40	54.0	-9.82	AV	207.00	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	1166.900	36.15	-18.19	74.0	-37.85	Peak	360.00	150	Horizontal	Pass
1**	1166.900	28.23	-18.19	54.0	-25.77	AV	360.00	150	Horizontal	Pass
2	2799.600	42.61	-10.56	74.0	-31.39	Peak	208.00	150	Horizontal	Pass
2**	2799.600	32.75	-10.56	54.0	-21.25	AV	208.00	150	Horizontal	Pass
3	4031.000	46.32	-5.05	74.0	-27.68	Peak	263.00	150	Horizontal	Pass
3**	4031.000	37.50	-5.05	54.0	-16.50	AV	263.00	150	Horizontal	Pass
4	5191.800	92.43	-2.65	--	--	Peak	249.00	150	Horizontal	N/A
4**	5191.800	85.54	-2.65	--	--	AV	249.00	150	Horizontal	N/A
5	11944.138	50.23	1.56	74.0	-23.77	Peak	302.00	150	Horizontal	Pass
5**	11944.138	41.53	1.56	54.0	-12.47	AV	302.00	150	Horizontal	Pass
6	15798.412	53.38	2.28	74.0	-20.62	Peak	119.00	150	Horizontal	Pass
6**	15798.412	45.48	2.28	54.0	-8.52	AV	119.00	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	1060.600	35.30	-18.40	74.0	-38.70	Peak	0.00	150	Vertical	Pass
1**	1060.600	27.11	-18.40	54.0	-26.89	AV	0.00	150	Vertical	Pass
2	2805.100	42.28	-10.36	74.0	-31.72	Peak	286.00	150	Vertical	Pass
2**	2805.100	33.22	-10.36	54.0	-20.78	AV	286.00	150	Vertical	Pass
3	3830.800	46.01	-4.95	74.0	-27.99	Peak	289.00	150	Vertical	Pass
3**	3830.800	37.65	-4.95	54.0	-16.35	AV	289.00	150	Vertical	Pass
4	5227.600	86.96	-2.93	--	--	Peak	314.00	150	Vertical	N/A
4**	5227.600	79.55	-2.93	--	--	AV	314.00	150	Vertical	N/A
5	11662.963	50.14	0.15	74.0	-23.86	Peak	267.00	150	Vertical	Pass
5**	11662.963	42.56	0.15	54.0	-11.44	AV	267.00	150	Vertical	Pass
6	15515.700	53.96	1.40	74.0	-20.04	Peak	135.00	150	Vertical	Pass
6**	15515.700	45.03	1.40	54.0	-8.97	AV	135.00	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	1063.700	38.10	-18.41	74.0	-35.90	Peak	292.00	150	Horizontal	Pass
1**	1063.700	28.62	-18.41	54.0	-25.38	AV	292.00	150	Horizontal	Pass
2	2805.600	42.40	-10.35	74.0	-31.60	Peak	102.00	150	Horizontal	Pass
2**	2805.600	33.96	-10.35	54.0	-20.04	AV	102.00	150	Horizontal	Pass
3	3953.600	45.94	-4.67	74.0	-28.06	Peak	168.00	150	Horizontal	Pass
3**	3953.600	38.29	-4.67	54.0	-15.71	AV	168.00	150	Horizontal	Pass
4	5739.200	101.47	-2.34	--	--	Peak	360.00	150	Horizontal	N/A
4**	5739.200	95.78	-2.34	--	--	AV	360.00	150	Horizontal	N/A
5	11306.750	50.11	0.31	74.0	-23.89	Peak	0.00	150	Horizontal	Pass
5**	11306.750	40.93	0.31	54.0	-13.07	AV	0.00	150	Horizontal	Pass
6	15778.463	53.10	1.46	74.0	-20.90	Peak	46.00	150	Horizontal	Pass
6**	15778.463	44.48	1.46	54.0	-9.52	AV	46.00	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	1063.600	38.43	-18.41	74.0	-35.57	Peak	20.00	150	Vertical	Pass
1**	1063.600	29.52	-18.41	54.0	-24.48	AV	20.00	150	Vertical	Pass
2	2820.600	43.05	-10.20	74.0	-30.95	Peak	43.00	150	Vertical	Pass
2**	2820.600	33.89	-10.20	54.0	-20.11	AV	43.00	150	Vertical	Pass
3	4021.600	46.81	-5.10	74.0	-27.19	Peak	150.00	150	Vertical	Pass
3**	4021.600	36.83	-5.10	54.0	-17.17	AV	150.00	150	Vertical	Pass
4	5738.600	96.65	-2.32	--	--	Peak	126.00	150	Vertical	N/A
4**	5738.600	89.59	-2.32	--	--	AV	126.00	150	Vertical	N/A
5	12174.713	50.47	0.68	74.0	-23.53	Peak	49.00	150	Vertical	Pass
5**	12174.713	40.38	0.68	54.0	-13.62	AV	49.00	150	Vertical	Pass
6	15631.200	53.31	1.67	74.0	-20.69	Peak	288.00	150	Vertical	Pass
6**	15631.200	44.46	1.67	54.0	-9.54	AV	288.00	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	1063.500	38.54	-18.41	74.0	-35.46	Peak	294.00	150	Horizontal	Pass
1**	1063.500	29.14	-18.41	54.0	-24.86	AV	294.00	150	Horizontal	Pass
2	2785.500	42.65	-10.49	74.0	-31.35	Peak	360.00	150	Horizontal	Pass
2**	2785.500	33.42	-10.49	54.0	-20.58	AV	360.00	150	Horizontal	Pass
3	4050.000	47.52	-4.74	74.0	-26.48	Peak	285.00	150	Horizontal	Pass
3**	4050.000	37.60	-4.74	54.0	-16.40	AV	285.00	150	Horizontal	Pass
4	5789.800	102.10	-2.53	--	--	Peak	360.00	150	Horizontal	N/A
4**	5789.800	95.39	-2.53	--	--	AV	360.00	150	Horizontal	N/A
5	12277.925	50.69	1.73	74.0	-23.31	Peak	87.00	150	Horizontal	Pass
5**	12277.925	42.03	1.73	54.0	-11.97	AV	87.00	150	Horizontal	Pass
6	15537.487	53.11	0.72	74.0	-20.89	Peak	360.00	150	Horizontal	Pass
6**	15537.487	43.78	0.72	54.0	-10.22	AV	360.00	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	1064.900	37.90	-18.38	74.0	-36.10	Peak	360.00	150	Vertical	Pass
1**	1064.900	29.38	-18.38	54.0	-24.62	AV	360.00	150	Vertical	Pass
2	2731.400	43.43	-10.93	74.0	-30.57	Peak	83.00	150	Vertical	Pass
2**	2731.400	33.56	-10.93	54.0	-20.44	AV	83.00	150	Vertical	Pass
3	3996.000	47.13	-5.30	74.0	-26.87	Peak	211.00	150	Vertical	Pass
3**	3996.000	37.20	-5.30	54.0	-16.80	AV	211.00	150	Vertical	Pass
4	5789.200	96.11	-2.50	--	--	Peak	113.00	150	Vertical	N/A
4**	5789.200	88.98	-2.50	--	--	AV	113.00	150	Vertical	N/A
5	11692.862	49.30	0.20	74.0	-24.70	Peak	194.00	150	Vertical	Pass
5**	11692.862	39.26	0.20	54.0	-14.74	AV	194.00	150	Vertical	Pass
6	15790.012	53.13	2.01	74.0	-20.87	Peak	169.00	150	Vertical	Pass
6**	15790.012	45.40	2.01	54.0	-8.60	AV	169.00	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	1063.700	38.58	-18.41	74.0	-35.42	Peak	343.00	150	Horizontal	Pass
1**	1063.700	30.38	-18.41	54.0	-23.62	AV	343.00	150	Horizontal	Pass
2	2786.600	42.63	-10.48	74.0	-31.37	Peak	207.00	150	Horizontal	Pass
2**	2786.600	33.94	-10.48	54.0	-20.06	AV	207.00	150	Horizontal	Pass
3	3915.200	46.76	-5.43	74.0	-27.24	Peak	134.00	150	Horizontal	Pass
3**	3915.200	36.60	-5.43	54.0	-17.40	AV	134.00	150	Horizontal	Pass
4	5821.600	102.30	-2.50	--	--	Peak	0.00	150	Horizontal	N/A
4**	5821.600	96.07	-2.50	--	--	AV	0.00	150	Horizontal	N/A
5	11066.974	50.24	-1.00	74.0	-23.76	Peak	21.00	150	Horizontal	Pass
5**	11066.974	41.57	-1.00	54.0	-12.43	AV	21.00	150	Horizontal	Pass
6	16018.125	53.40	0.50	74.0	-20.60	Peak	0.00	150	Horizontal	Pass
6**	16018.125	44.65	0.50	54.0	-9.35	AV	0.00	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	1064.300	36.85	-18.39	74.0	-37.15	Peak	360.00	150	Vertical	Pass
1**	1064.300	30.45	-18.39	54.0	-23.55	AV	360.00	150	Vertical	Pass
2	2803.000	42.76	-10.43	74.0	-31.24	Peak	307.00	150	Vertical	Pass
2**	2803.000	33.65	-10.43	54.0	-20.35	AV	307.00	150	Vertical	Pass
3	4046.600	46.53	-4.80	74.0	-27.47	Peak	276.00	150	Vertical	Pass
3**	4046.600	38.63	-4.80	54.0	-15.37	AV	276.00	150	Vertical	Pass
4	5818.800	96.07	-2.54	--	--	Peak	115.00	150	Vertical	N/A
4**	5818.800	90.23	-2.54	--	--	AV	115.00	150	Vertical	N/A
5	11762.725	50.27	1.27	74.0	-23.73	Peak	135.00	150	Vertical	Pass
5**	11762.725	41.22	1.27	54.0	-12.78	AV	135.00	150	Vertical	Pass
6	15801.562	54.20	2.31	74.0	-19.80	Peak	31.00	150	Vertical	Pass
6**	15801.562	44.82	2.31	54.0	-9.18	AV	31.00	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	1064.000	37.91	-18.40	74.0	-36.09	Peak	283.00	150	Horizontal	Pass
1**	1064.000	29.12	-18.40	54.0	-24.88	AV	283.00	150	Horizontal	Pass
2	2839.100	43.05	-10.25	74.0	-30.95	Peak	360.00	150	Horizontal	Pass
2**	2839.100	33.19	-10.25	54.0	-20.81	AV	360.00	150	Horizontal	Pass
3	4048.200	46.42	-4.69	74.0	-27.58	Peak	39.00	150	Horizontal	Pass
3**	4048.200	37.49	-4.69	54.0	-16.51	AV	39.00	150	Horizontal	Pass
4	5738.000	102.38	-2.29	--	--	Peak	360.00	150	Horizontal	N/A
4**	5738.000	96.04	-2.29	--	--	AV	360.00	150	Horizontal	N/A
5	11993.300	49.73	1.19	74.0	-24.27	Peak	149.00	150	Horizontal	Pass
5**	11993.300	41.10	1.19	54.0	-12.90	AV	149.00	150	Horizontal	Pass
6	15625.425	52.97	1.72	74.0	-21.03	Peak	233.00	150	Horizontal	Pass
6**	15625.425	44.55	1.72	54.0	-9.45	AV	233.00	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	1066.600	37.73	-18.43	74.0	-36.27	Peak	344.00	150	Vertical	Pass
1**	1066.600	26.36	-18.43	54.0	-27.64	AV	344.00	150	Vertical	Pass
2	2775.500	42.34	-10.48	74.0	-31.66	Peak	0.00	150	Vertical	Pass
2**	2775.500	33.25	-10.48	54.0	-20.75	AV	0.00	150	Vertical	Pass
3	3953.000	47.52	-4.64	74.0	-26.48	Peak	310.00	150	Vertical	Pass
3**	3953.000	36.62	-4.64	54.0	-17.38	AV	310.00	150	Vertical	Pass
4	5751.000	95.80	-2.17	--	--	Peak	123.00	150	Vertical	N/A
4**	5751.000	89.40	-2.17	--	--	AV	123.00	150	Vertical	N/A
5	11321.987	49.80	0.54	74.0	-24.20	Peak	20.00	150	Vertical	Pass
5**	11321.987	40.73	0.54	54.0	-13.27	AV	20.00	150	Vertical	Pass
6	15633.825	53.46	1.59	74.0	-20.54	Peak	26.00	150	Vertical	Pass
6**	15633.825	43.96	1.59	54.0	-10.04	AV	26.00	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	1066.700	38.63	-18.44	74.0	-35.37	Peak	282.00	150	Horizontal	Pass
1**	1066.700	26.85	-18.44	54.0	-27.15	AV	282.00	150	Horizontal	Pass
2	2788.000	42.40	-10.55	74.0	-31.60	Peak	343.00	150	Horizontal	Pass
2**	2788.000	33.67	-10.55	54.0	-20.33	AV	343.00	150	Horizontal	Pass
3	4222.200	47.23	-4.88	74.0	-26.77	Peak	58.00	150	Horizontal	Pass
3**	4222.200	37.55	-4.88	54.0	-16.45	AV	58.00	150	Horizontal	Pass
4	5786.000	101.73	-2.43	--	--	Peak	0.00	150	Horizontal	N/A
4**	5786.000	94.14	-2.43	--	--	AV	0.00	150	Horizontal	N/A
5	11907.049	49.98	1.57	74.0	-24.02	Peak	342.00	150	Horizontal	Pass
5**	11907.049	40.72	1.57	54.0	-13.28	AV	342.00	150	Horizontal	Pass
6	15794.475	53.35	2.15	74.0	-20.65	Peak	360.00	150	Horizontal	Pass
6**	15794.475	44.42	2.15	54.0	-9.58	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	1066.600	37.37	-18.43	74.0	-36.63	Peak	343.00	150	Vertical	Pass
1**	1066.600	29.52	-18.43	54.0	-24.48	AV	343.00	150	Vertical	Pass
2	2814.700	42.14	-10.07	74.0	-31.86	Peak	263.00	150	Vertical	Pass
2**	2814.700	33.09	-10.07	54.0	-20.91	AV	263.00	150	Vertical	Pass
3	4280.200	47.13	-4.59	74.0	-26.87	Peak	134.00	150	Vertical	Pass
3**	4280.200	37.72	-4.59	54.0	-16.28	AV	134.00	150	Vertical	Pass
4	5783.200	96.80	-2.23	--	--	Peak	114.00	150	Vertical	N/A
4**	5783.200	89.72	-2.23	--	--	AV	114.00	150	Vertical	N/A
5	11725.924	49.68	0.86	74.0	-24.32	Peak	241.00	150	Vertical	Pass
5**	11725.924	39.92	0.86	54.0	-14.08	AV	241.00	150	Vertical	Pass
6	15790.537	53.04	2.03	74.0	-20.96	Peak	360.00	150	Vertical	Pass
6**	15790.537	45.65	2.03	54.0	-8.35	AV	360.00	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	1066.700	39.12	-18.44	74.0	-34.88	Peak	283.00	150	Horizontal	Pass
1**	1066.700	27.11	-18.44	54.0	-26.89	AV	283.00	150	Horizontal	Pass
2	2785.700	42.21	-10.47	74.0	-31.79	Peak	34.00	150	Horizontal	Pass
2**	2785.700	33.79	-10.47	54.0	-20.21	AV	34.00	150	Horizontal	Pass
3	3960.400	46.76	-4.75	74.0	-27.24	Peak	360.00	150	Horizontal	Pass
3**	3960.400	37.08	-4.75	54.0	-16.92	AV	360.00	150	Horizontal	Pass
4	5820.600	101.39	-2.58	--	--	Peak	0.00	150	Horizontal	N/A
4**	5820.600	94.63	-2.58	--	--	AV	0.00	150	Horizontal	N/A
5	11656.350	49.80	0.02	74.0	-24.20	Peak	360.00	150	Horizontal	Pass
5**	11656.350	40.46	0.02	54.0	-13.54	AV	360.00	150	Horizontal	Pass
6	15841.724	52.24	1.42	74.0	-21.76	Peak	94.00	150	Horizontal	Pass
6**	15841.724	43.64	1.42	54.0	-10.36	AV	94.00	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	1065.800	38.23	-18.41	74.0	-35.77	Peak	360.00	150	Vertical	Pass
1**	1065.800	28.78	-18.41	54.0	-25.22	AV	360.00	150	Vertical	Pass
2	2850.900	42.92	-10.31	74.0	-31.08	Peak	44.00	150	Vertical	Pass
2**	2850.900	34.28	-10.31	54.0	-19.72	AV	44.00	150	Vertical	Pass
3	4223.200	47.49	-4.84	74.0	-26.51	Peak	60.00	150	Vertical	Pass
3**	4223.200	38.91	-4.84	54.0	-15.09	AV	60.00	150	Vertical	Pass
4	5818.600	94.44	-2.53	--	--	Peak	124.00	150	Vertical	N/A
4**	5818.600	88.02	-2.53	--	--	AV	124.00	150	Vertical	N/A
5	11068.412	49.91	-1.04	74.0	-24.09	Peak	7.00	150	Vertical	Pass
5**	11068.412	42.16	-1.04	54.0	-11.84	AV	7.00	150	Vertical	Pass
6	15786.599	53.72	1.87	74.0	-20.28	Peak	360.00	150	Vertical	Pass
6**	15786.599	44.65	1.87	54.0	-9.35	AV	360.00	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	1156.100	36.36	-18.08	74.0	-37.64	Peak	2.00	150	Horizontal	Pass
1**	1156.100	27.60	-18.08	54.0	-26.40	AV	2.00	150	Horizontal	Pass
2	2744.000	42.57	-10.93	74.0	-31.43	Peak	248.00	150	Horizontal	Pass
2**	2744.000	34.46	-10.93	54.0	-19.54	AV	248.00	150	Horizontal	Pass
3	3957.000	46.89	-4.58	74.0	-27.11	Peak	172.00	150	Horizontal	Pass
3**	3957.000	38.61	-4.58	54.0	-15.39	AV	172.00	150	Horizontal	Pass
4	5758.600	99.16	-1.97	--	--	Peak	342.00	150	Horizontal	N/A
4**	5758.600	93.41	-1.97	--	--	AV	342.00	150	Horizontal	N/A
5	11368.849	50.25	-0.25	74.0	-23.75	Peak	257.00	150	Horizontal	Pass
5**	11368.849	40.51	-0.25	54.0	-13.49	AV	257.00	150	Horizontal	Pass
6	15813.638	53.42	2.09	74.0	-20.58	Peak	0.00	150	Horizontal	Pass
6**	15813.638	45.60	2.09	54.0	-8.40	AV	0.00	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	1093.900	35.73	-18.53	74.0	-38.27	Peak	342.00	150	Vertical	Pass
1**	1093.900	27.37	-18.53	54.0	-26.63	AV	342.00	150	Vertical	Pass
2	2732.500	42.72	-10.94	74.0	-31.28	Peak	29.00	150	Vertical	Pass
2**	2732.500	32.89	-10.94	54.0	-21.11	AV	29.00	150	Vertical	Pass
3	3842.800	46.52	-5.10	74.0	-27.48	Peak	220.00	150	Vertical	Pass
3**	3842.800	36.86	-5.10	54.0	-17.14	AV	220.00	150	Vertical	Pass
4	5758.200	93.84	-1.98	--	--	Peak	306.00	150	Vertical	N/A
4**	5758.200	88.27	-1.98	--	--	AV	306.00	150	Vertical	N/A
5	11643.700	50.33	-0.21	74.0	-23.67	Peak	231.00	150	Vertical	Pass
5**	11643.700	40.62	-0.21	54.0	-13.38	AV	231.00	150	Vertical	Pass
6	15808.912	53.98	2.19	74.0	-20.02	Peak	274.00	150	Vertical	Pass
6**	15808.912	45.93	2.19	54.0	-8.07	AV	274.00	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	1552.100	36.76	-17.39	74.0	-37.24	Peak	232.00	150	Horizontal	Pass
1**	1552.100	28.60	-17.39	54.0	-25.40	AV	232.00	150	Horizontal	Pass
2	2789.500	42.15	-10.58	74.0	-31.85	Peak	196.00	150	Horizontal	Pass
2**	2789.500	33.64	-10.58	54.0	-20.36	AV	196.00	150	Horizontal	Pass
3	4036.000	46.29	-4.83	74.0	-27.71	Peak	9.00	150	Horizontal	Pass
3**	4036.000	37.69	-4.83	54.0	-16.31	AV	9.00	150	Horizontal	Pass
4	5793.000	98.66	-2.55	--	--	Peak	344.00	150	Horizontal	N/A
4**	5793.000	92.07	-2.55	--	--	AV	344.00	150	Horizontal	N/A
5	11227.975	50.40	-0.26	74.0	-23.60	Peak	147.00	150	Horizontal	Pass
5**	11227.975	40.71	-0.26	54.0	-13.29	AV	147.00	150	Horizontal	Pass
6	15465.037	53.34	1.35	74.0	-20.66	Peak	24.00	150	Horizontal	Pass
6**	15465.037	43.67	1.35	54.0	-10.33	AV	24.00	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	1038.400	36.34	-18.21	74.0	-37.66	Peak	77.00	150	Vertical	Pass
1**	1038.400	26.92	-18.21	54.0	-27.08	AV	77.00	150	Vertical	Pass
2	2818.800	42.31	-10.22	74.0	-31.69	Peak	150.00	150	Vertical	Pass
2**	2818.800	32.23	-10.22	54.0	-21.77	AV	150.00	150	Vertical	Pass
3	4089.600	47.04	-5.50	74.0	-26.96	Peak	82.00	150	Vertical	Pass
3**	4089.600	37.81	-5.50	54.0	-16.19	AV	82.00	150	Vertical	Pass
4	5796.200	94.43	-2.64	--	--	Peak	300.00	150	Vertical	N/A
4**	5796.200	87.29	-2.64	--	--	AV	300.00	150	Vertical	N/A
5	12337.724	50.51	1.31	74.0	-23.49	Peak	29.00	150	Vertical	Pass
5**	12337.724	40.43	1.31	54.0	-13.57	AV	29.00	150	Vertical	Pass
6	15797.888	53.43	2.26	74.0	-20.57	Peak	360.00	150	Vertical	Pass
6**	15797.888	45.09	2.26	54.0	-8.91	AV	360.00	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	1173.500	36.02	-18.03	74.0	-37.98	Peak	244.00	150	Horizontal	Pass
1**	1173.500	27.56	-18.03	54.0	-26.44	AV	244.00	150	Horizontal	Pass
2	2773.100	42.47	-10.48	74.0	-31.53	Peak	244.00	150	Horizontal	Pass
2**	2773.100	33.15	-10.48	54.0	-20.85	AV	244.00	150	Horizontal	Pass
3	3963.400	46.63	-4.80	74.0	-27.37	Peak	360.00	150	Horizontal	Pass
3**	3963.400	36.54	-4.80	54.0	-17.46	AV	360.00	150	Horizontal	Pass
4	5740.000	98.84	-2.34	--	--	Peak	328.00	150	Horizontal	N/A
4**	5740.000	92.76	-2.34	--	--	AV	328.00	150	Horizontal	N/A
5	11941.262	49.78	1.65	74.0	-24.22	Peak	360.00	150	Horizontal	Pass
5**	11941.262	40.69	1.65	54.0	-13.31	AV	360.00	150	Horizontal	Pass
6	15625.425	53.70	1.72	74.0	-20.30	Peak	337.00	150	Horizontal	Pass
6**	15625.425	44.33	1.72	54.0	-9.67	AV	337.00	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	1121.200	34.97	-18.50	74.0	-39.03	Peak	288.00	150	Vertical	Pass
1**	1121.200	26.11	-18.50	54.0	-27.89	AV	288.00	150	Vertical	Pass
2	2871.300	43.41	-10.38	74.0	-30.59	Peak	198.00	150	Vertical	Pass
2**	2871.300	33.95	-10.38	54.0	-20.05	AV	198.00	150	Vertical	Pass
3	4222.200	47.74	-4.88	74.0	-26.26	Peak	266.00	150	Vertical	Pass
3**	4222.200	37.73	-4.88	54.0	-16.27	AV	266.00	150	Vertical	Pass
4	5740.200	94.52	-2.33	--	--	Peak	290.00	150	Vertical	N/A
4**	5740.200	86.40	-2.33	--	--	AV	290.00	150	Vertical	N/A
5	11916.250	50.10	1.49	74.0	-23.90	Peak	360.00	150	Vertical	Pass
5**	11916.250	40.81	1.49	54.0	-13.19	AV	360.00	150	Vertical	Pass
6	15800.776	53.69	2.32	74.0	-20.31	Peak	79.00	150	Vertical	Pass
6**	15800.776	44.25	2.32	54.0	-9.75	AV	79.00	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	1132.800	35.40	-18.36	74.0	-38.60	Peak	363.00	150	Horizontal	Pass
1**	1132.800	27.29	-18.36	54.0	-26.71	AV	363.00	150	Horizontal	Pass
2	2786.600	42.54	-10.48	74.0	-31.46	Peak	66.00	150	Horizontal	Pass
2**	2786.600	34.28	-10.48	54.0	-19.72	AV	66.00	150	Horizontal	Pass
3	4908.800	49.54	-2.42	74.0	-24.46	Peak	129.00	150	Horizontal	Pass
3**	4908.800	39.62	-2.42	54.0	-14.38	AV	129.00	150	Horizontal	Pass
4	5780.400	98.38	-2.14	--	--	Peak	326.00	150	Horizontal	N/A
4**	5780.400	92.45	-2.14	--	--	AV	326.00	150	Horizontal	N/A
5	11350.737	49.59	-0.05	74.0	-24.41	Peak	360.00	150	Horizontal	Pass
5**	11350.737	40.31	-0.05	54.0	-13.69	AV	360.00	150	Horizontal	Pass
6	15510.974	52.85	1.43	74.0	-21.15	Peak	1.00	150	Horizontal	Pass
6**	15510.974	44.75	1.43	54.0	-9.25	AV	1.00	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	1182.300	35.74	-18.02	74.0	-38.26	Peak	188.00	150	Vertical	Pass
1**	1182.300	27.09	-18.02	54.0	-26.91	AV	188.00	150	Vertical	Pass
2	2796.300	42.98	-10.61	74.0	-31.02	Peak	349.00	150	Vertical	Pass
2**	2796.300	33.03	-10.61	54.0	-20.97	AV	349.00	150	Vertical	Pass
3	4161.000	47.11	-4.93	74.0	-26.89	Peak	93.00	150	Vertical	Pass
3**	4161.000	38.32	-4.93	54.0	-15.68	AV	93.00	150	Vertical	Pass
4	5789.200	93.86	-2.50	--	--	Peak	290.00	150	Vertical	N/A
4**	5789.200	87.14	-2.50	--	--	AV	290.00	150	Vertical	N/A
5	12266.424	50.60	1.34	74.0	-23.40	Peak	318.00	150	Vertical	Pass
5**	12266.424	41.62	1.34	54.0	-12.38	AV	318.00	150	Vertical	Pass
6	15627.525	54.56	1.71	74.0	-19.44	Peak	305.00	150	Vertical	Pass
6**	15627.525	45.21	1.71	54.0	-8.79	AV	305.00	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	1095.700	35.63	-18.56	74.0	-38.37	Peak	127.00	150	Horizontal	Pass
1**	1095.700	27.18	-18.56	54.0	-26.82	AV	127.00	150	Horizontal	Pass
2	2820.200	42.65	-10.20	74.0	-31.35	Peak	199.00	150	Horizontal	Pass
2**	2820.200	32.98	-10.20	54.0	-21.02	AV	199.00	150	Horizontal	Pass
3	3956.400	46.40	-4.61	74.0	-27.60	Peak	253.00	150	Horizontal	Pass
3**	3956.400	37.09	-4.61	54.0	-16.91	AV	253.00	150	Horizontal	Pass
4	5829.200	98.11	-2.21	--	--	Peak	327.00	150	Horizontal	N/A
4**	5829.200	91.52	-2.21	--	--	AV	327.00	150	Horizontal	N/A
5	11309.338	49.99	0.35	74.0	-24.01	Peak	360.00	150	Horizontal	Pass
5**	11309.338	40.43	0.35	54.0	-13.57	AV	360.00	150	Horizontal	Pass
6	15629.625	53.29	1.70	74.0	-20.71	Peak	305.00	150	Horizontal	Pass
6**	15629.625	45.41	1.70	54.0	-8.59	AV	305.00	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	1176.000	35.72	-18.04	74.0	-38.28	Peak	346.00	150	Vertical	Pass
1**	1176.000	27.14	-18.04	54.0	-26.86	AV	346.00	150	Vertical	Pass
2	2797.800	42.42	-10.60	74.0	-31.58	Peak	91.00	150	Vertical	Pass
2**	2797.800	34.46	-10.60	54.0	-19.54	AV	91.00	150	Vertical	Pass
3	4200.800	47.16	-5.07	74.0	-26.84	Peak	264.00	150	Vertical	Pass
3**	4200.800	38.75	-5.07	54.0	-15.25	AV	264.00	150	Vertical	Pass
4	5830.200	94.08	-2.15	--	--	Peak	289.00	150	Vertical	N/A
4**	5830.200	87.29	-2.15	--	--	AV	289.00	150	Vertical	N/A
5	11663.537	49.78	0.16	74.0	-24.22	Peak	74.00	150	Vertical	Pass
5**	11663.537	41.08	0.16	54.0	-12.92	AV	74.00	150	Vertical	Pass
6	15848.549	53.37	1.34	74.0	-20.63	Peak	213.00	150	Vertical	Pass
6**	15848.549	44.76	1.34	54.0	-9.24	AV	213.00	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	1186.500	36.64	-17.97	74.0	-37.36	Peak	7.00	150	Horizontal	Pass
1**	1186.500	28.83	-17.97	54.0	-25.17	AV	7.00	150	Horizontal	Pass
2	2764.700	42.65	-10.83	74.0	-31.35	Peak	304.00	150	Horizontal	Pass
2**	2764.700	33.54	-10.83	54.0	-20.46	AV	304.00	150	Horizontal	Pass
3	4065.800	46.40	-5.37	74.0	-27.60	Peak	277.00	150	Horizontal	Pass
3**	4065.800	37.99	-5.37	54.0	-16.01	AV	277.00	150	Horizontal	Pass
4	5758.800	99.04	-1.96	--	--	Peak	328.00	150	Horizontal	N/A
4**	5758.800	93.23	-1.96	--	--	AV	328.00	150	Horizontal	N/A
5	12164.650	49.60	0.57	74.0	-24.40	Peak	294.00	150	Horizontal	Pass
5**	12164.650	41.91	0.57	54.0	-12.09	AV	294.00	150	Horizontal	Pass
6	15809.175	53.63	2.18	74.0	-20.37	Peak	55.00	150	Horizontal	Pass
6**	15809.175	44.43	2.18	54.0	-9.57	AV	55.00	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	1198.200	35.93	-17.84	74.0	-38.07	Peak	112.00	150	Vertical	Pass
1**	1198.200	26.56	-17.84	54.0	-27.44	AV	112.00	150	Vertical	Pass
2	2765.800	42.49	-10.79	74.0	-31.51	Peak	326.00	150	Vertical	Pass
2**	2765.800	32.88	-10.79	54.0	-21.12	AV	326.00	150	Vertical	Pass
3	4006.400	46.45	-5.15	74.0	-27.55	Peak	264.00	150	Vertical	Pass
3**	4006.400	36.89	-5.15	54.0	-17.11	AV	264.00	150	Vertical	Pass
4	5757.600	92.89	-2.00	--	--	Peak	289.00	150	Vertical	N/A
4**	5757.600	86.51	-2.00	--	--	AV	289.00	150	Vertical	N/A
5	11617.825	49.93	-0.05	74.0	-24.07	Peak	0.00	150	Vertical	Pass
5**	11617.825	39.75	-0.05	54.0	-14.25	AV	0.00	150	Vertical	Pass
6	15828.076	53.56	1.55	74.0	-20.44	Peak	7.00	150	Vertical	Pass
6**	15828.076	43.59	1.55	54.0	-10.41	AV	7.00	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	1117.200	36.68	-18.60	74.0	-37.32	Peak	5.00	150	Horizontal	Pass
1**	1117.200	30.21	-18.60	54.0	-23.79	AV	5.00	150	Horizontal	Pass
2	2742.200	42.76	-10.92	74.0	-31.24	Peak	160.00	150	Horizontal	Pass
2**	2742.200	34.73	-10.92	54.0	-19.27	AV	160.00	150	Horizontal	Pass
3	4230.600	47.06	-4.60	74.0	-26.94	Peak	214.00	150	Horizontal	Pass
3**	4230.600	38.10	-4.60	54.0	-15.90	AV	214.00	150	Horizontal	Pass
4	5798.000	97.29	-2.73	--	--	Peak	326.00	150	Horizontal	N/A
4**	5798.000	90.71	-2.73	--	--	AV	326.00	150	Horizontal	N/A
5	11840.062	50.04	1.14	74.0	-23.96	Peak	360.00	150	Horizontal	Pass
5**	11840.062	40.63	1.14	54.0	-13.37	AV	360.00	150	Horizontal	Pass
6	15629.100	52.87	1.71	74.0	-21.13	Peak	0.00	150	Horizontal	Pass
6**	15629.100	44.03	1.71	54.0	-9.97	AV	0.00	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	1080.200	34.97	-18.48	74.0	-39.03	Peak	361.00	150	Vertical	Pass
1**	1080.200	26.25	-18.48	54.0	-27.75	AV	361.00	150	Vertical	Pass
2	2843.500	42.92	-10.28	74.0	-31.08	Peak	225.00	150	Vertical	Pass
2**	2843.500	33.31	-10.28	54.0	-20.69	AV	225.00	150	Vertical	Pass
3	4209.400	47.14	-5.26	74.0	-26.86	Peak	0.00	150	Vertical	Pass
3**	4209.400	37.35	-5.26	54.0	-16.65	AV	0.00	150	Vertical	Pass
4	5792.800	94.56	-2.55	--	--	Peak	290.00	150	Vertical	N/A
4**	5792.800	87.21	-2.55	--	--	AV	290.00	150	Vertical	N/A
5	11925.737	49.90	1.52	74.0	-24.10	Peak	350.00	150	Vertical	Pass
5**	11925.737	40.76	1.52	54.0	-13.24	AV	350.00	150	Vertical	Pass
6	15626.738	53.39	1.71	74.0	-20.61	Peak	0.00	150	Vertical	Pass
6**	15626.738	44.80	1.71	54.0	-9.20	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	1110.500	36.03	-18.57	74.0	-37.97	Peak	360.00	150	Horizontal	Pass
1**	1110.500	31.24	-18.57	54.0	-22.76	AV	360.00	150	Horizontal	Pass
2	2779.300	42.88	-10.43	74.0	-31.12	Peak	358.00	150	Horizontal	Pass
2**	2779.300	32.80	-10.43	54.0	-21.20	AV	358.00	150	Horizontal	Pass
3	3976.200	46.54	-5.44	74.0	-27.46	Peak	249.00	150	Horizontal	Pass
3**	3976.200	37.80	-5.44	54.0	-16.20	AV	249.00	150	Horizontal	Pass
4	5756.600	93.73	-2.03	--	--	Peak	334.00	150	Horizontal	N/A
4**	5756.600	87.42	-2.03	--	--	AV	334.00	150	Horizontal	N/A
5	11924.875	49.69	1.51	74.0	-24.31	Peak	166.00	150	Horizontal	Pass
5**	11924.875	40.70	1.51	54.0	-13.30	AV	166.00	150	Horizontal	Pass
6	15509.925	53.33	1.44	74.0	-20.67	Peak	336.00	150	Horizontal	Pass
6**	15509.925	43.90	1.44	54.0	-10.10	AV	336.00	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	1162.700	36.17	-18.03	74.0	-37.83	Peak	18.00	150	Vertical	Pass
1**	1162.700	26.89	-18.03	54.0	-27.11	AV	18.00	150	Vertical	Pass
2	2790.200	42.86	-10.59	74.0	-31.14	Peak	108.00	150	Vertical	Pass
2**	2790.200	33.52	-10.59	54.0	-20.48	AV	108.00	150	Vertical	Pass
3	4194.000	46.64	-4.80	74.0	-27.36	Peak	55.00	150	Vertical	Pass
3**	4194.000	37.50	-4.80	54.0	-16.50	AV	55.00	150	Vertical	Pass
4	5793.000	88.63	-2.55	--	--	Peak	296.00	150	Vertical	N/A
4**	5793.000	82.43	-2.55	--	--	AV	296.00	150	Vertical	N/A
5	11643.125	49.59	-0.22	74.0	-24.41	Peak	171.00	150	Vertical	Pass
5**	11643.125	40.15	-0.22	54.0	-13.85	AV	171.00	150	Vertical	Pass
6	15520.162	53.93	1.38	74.0	-20.07	Peak	117.00	150	Vertical	Pass
6**	15520.162	44.22	1.38	54.0	-9.78	AV	117.00	150	Vertical	Pass

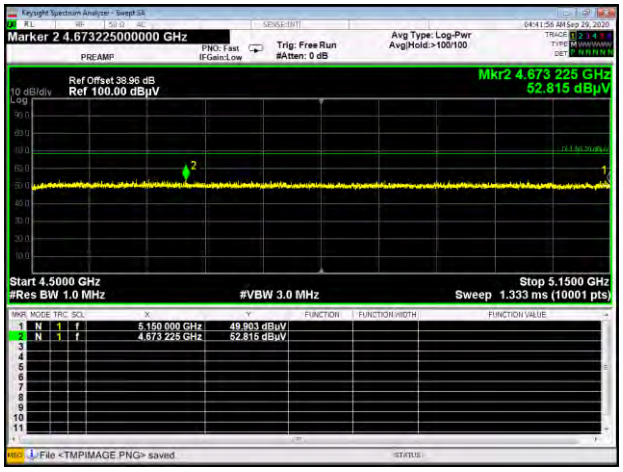
A.6.2 Band Edge (Restricted-band)

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 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

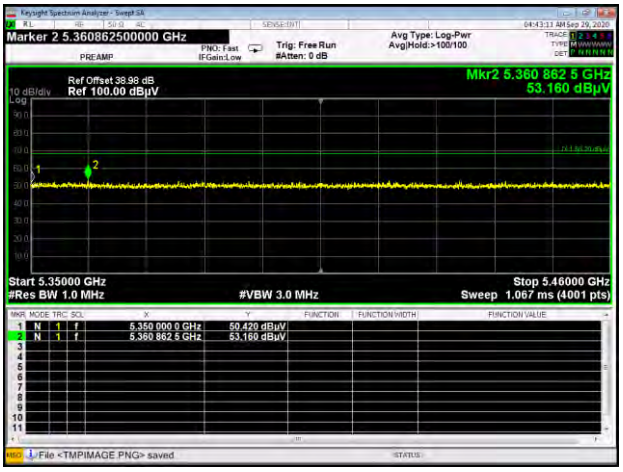
Test Plots

Main Antenna

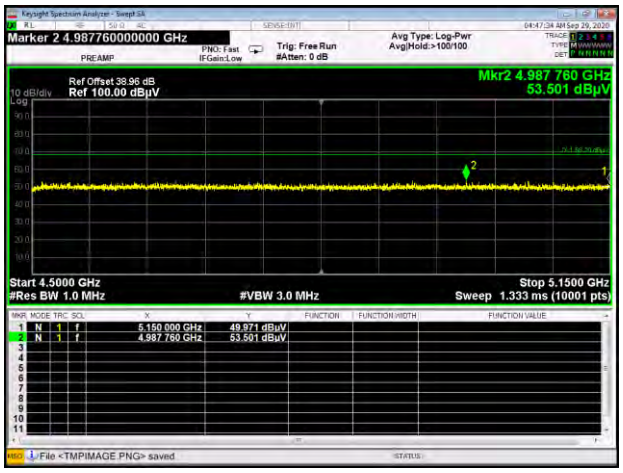
Band 1 11a CH36 Peak



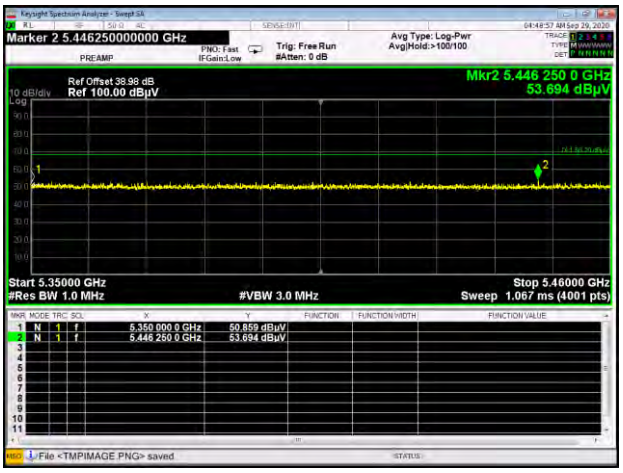
Band 1 11a CH48 Peak



Band 1 11n20 CH36 Peak

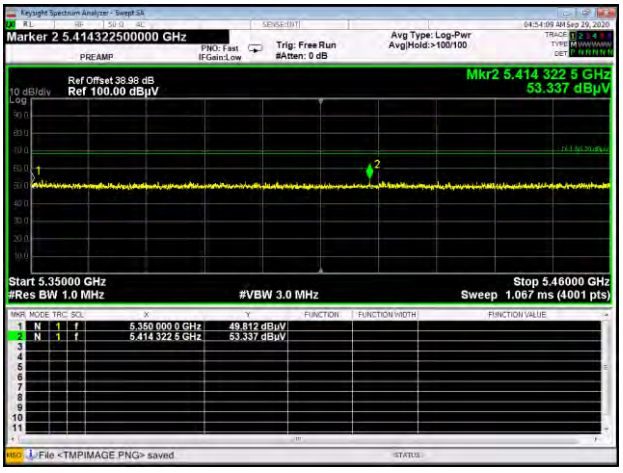


Band 1 11n20 CH48 Peak

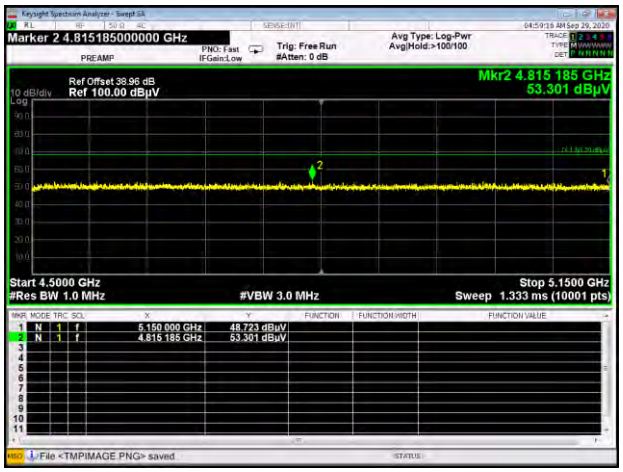


Band 1 11n40 CH38 Peak

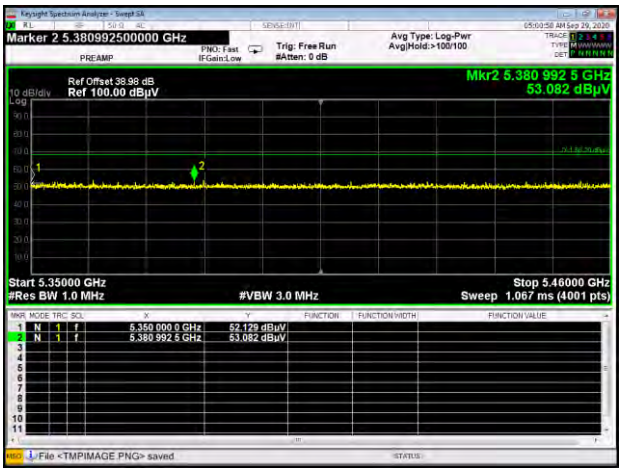
Band 1 11n40 CH46 Peak



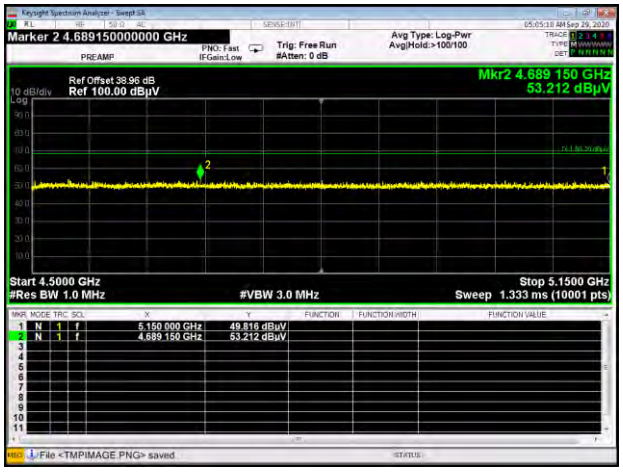
Band 1 11ac20 CH36 Peak



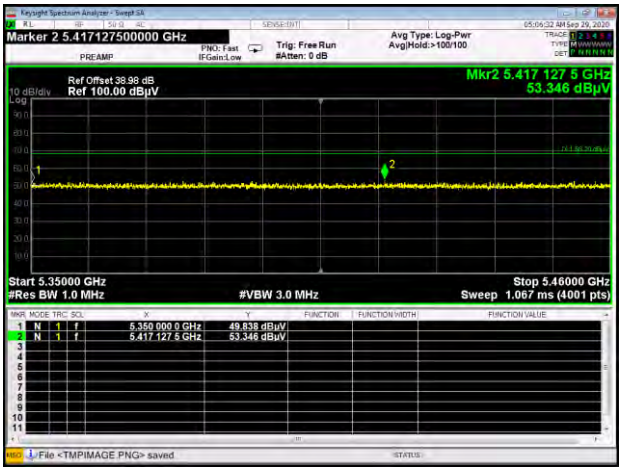
Band 1 11ac20 CH48 Peak



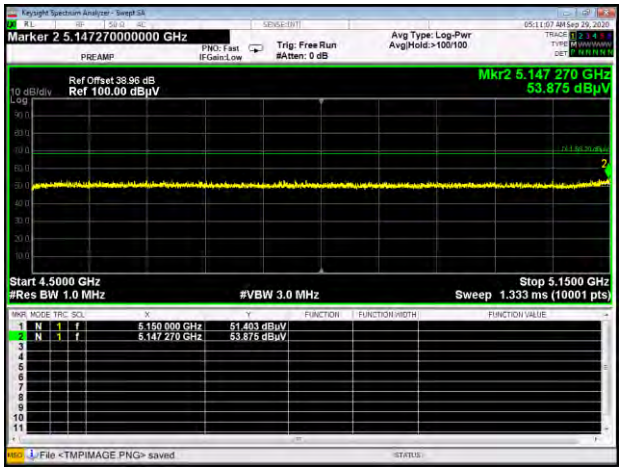
Band 1 11ac40 CH38 Peak



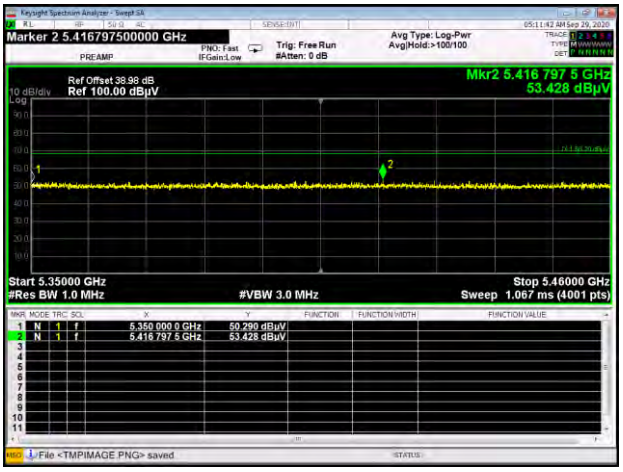
Band 1 11ac40 CH46 Peak



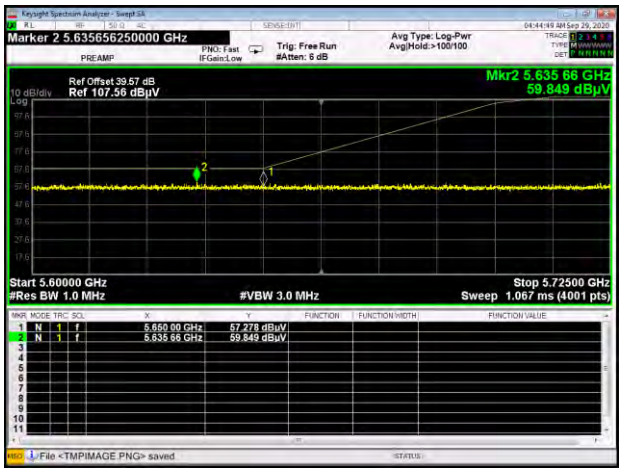
Band 1 11ac80 CH42 Peak



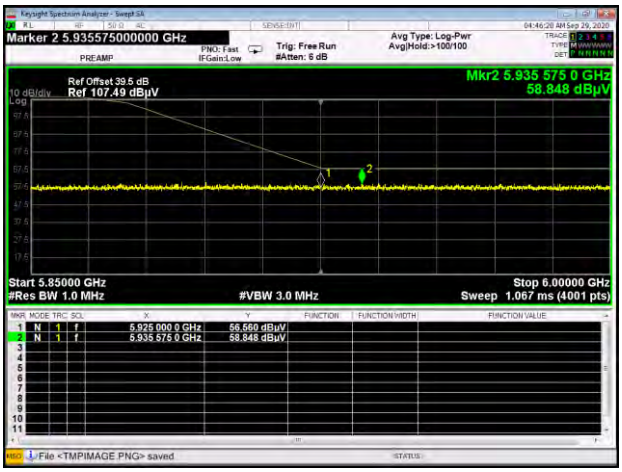
Band 1 11ac80 CH42 Peak



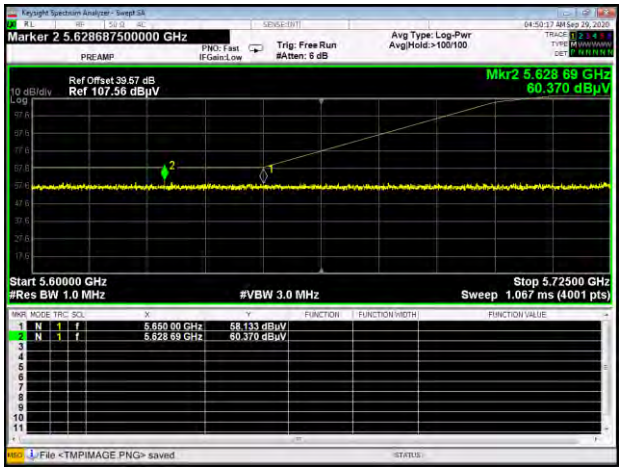
Band 3 11a CH149 Peak



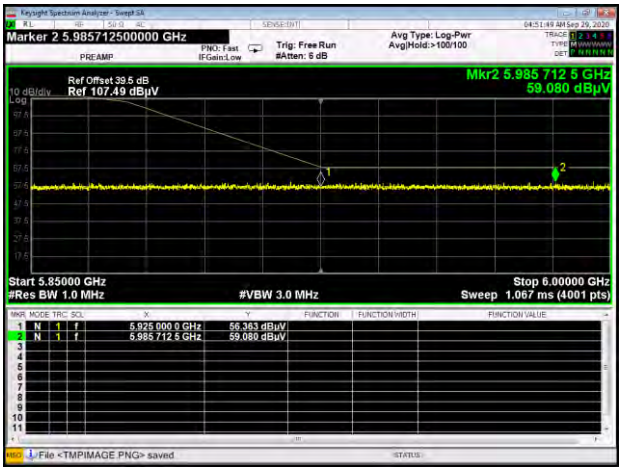
Band 3 11a CH165 Peak



Band 3 11n20 CH149 Peak

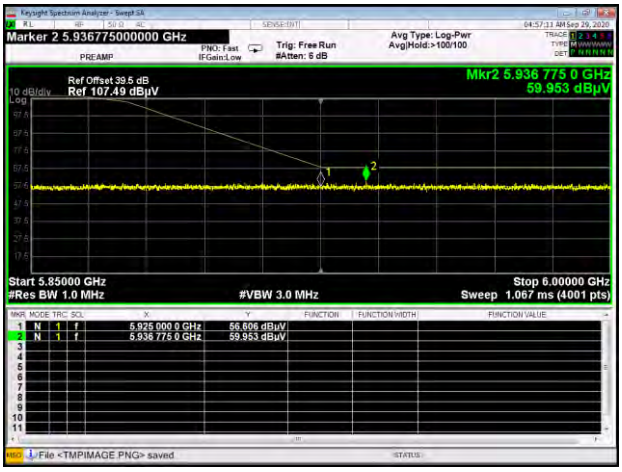


Band 3 11n20 CH165 Peak

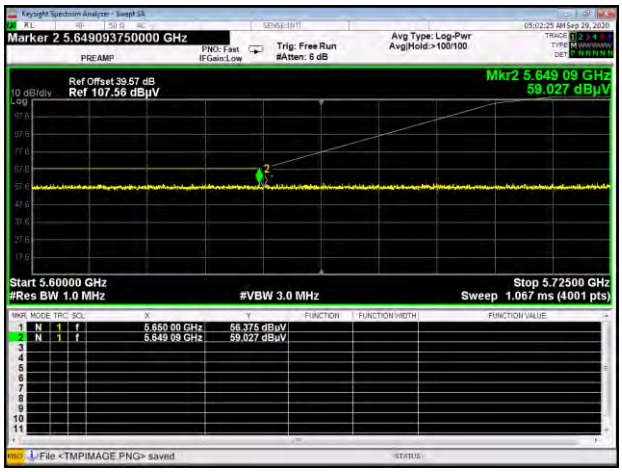


Band 3 11n40 CH151 Peak

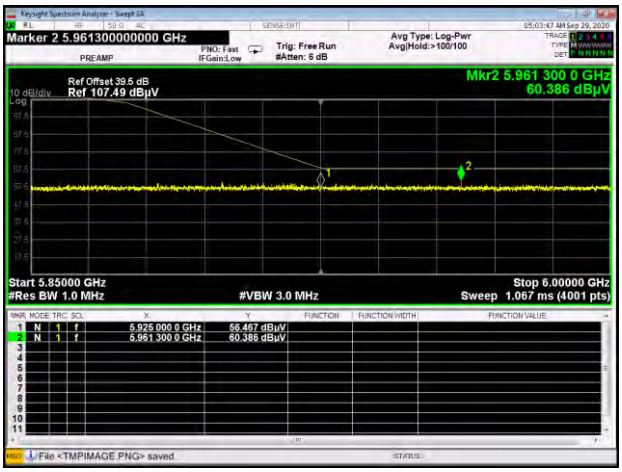
Band 3 11n40 CH159 Peak



Band 3 11ac20 CH149 Peak

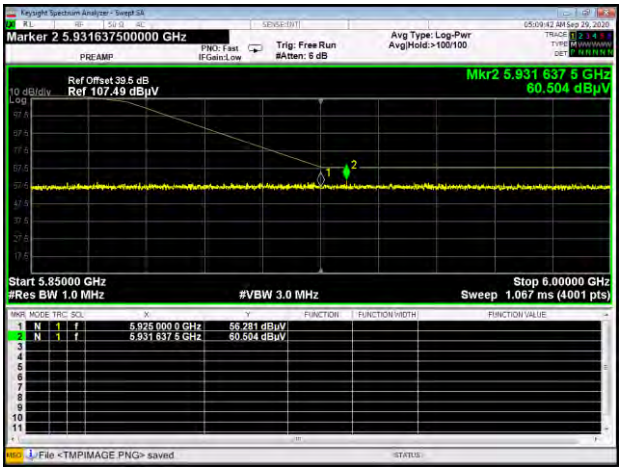


Band 3 11ac20 CH165 Peak

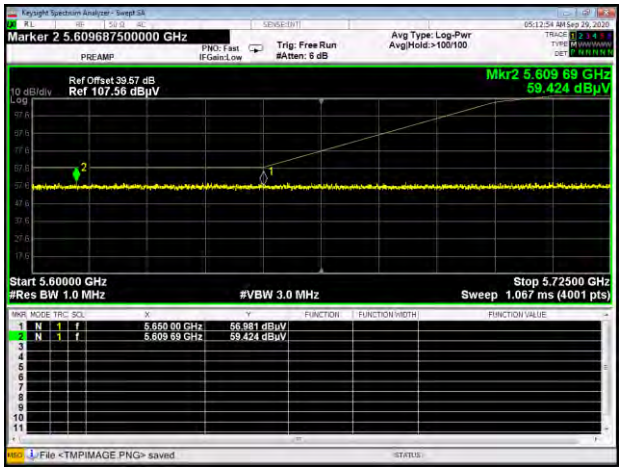


Band 3 11ac40 CH151 Peak

Band 3 11ac40 CH159 Peak



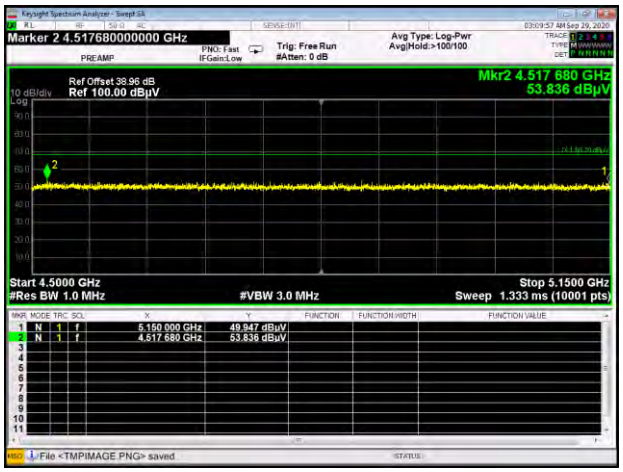
Band 3 11ac80 CH155 Peak



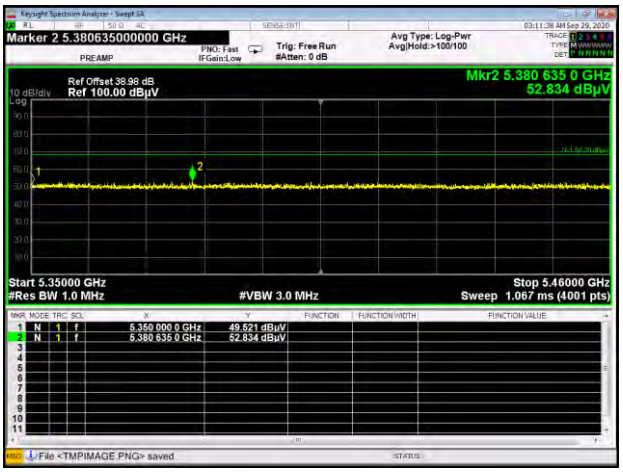
Band 3 11ac80 CH155 Peak

Aux. Antenna

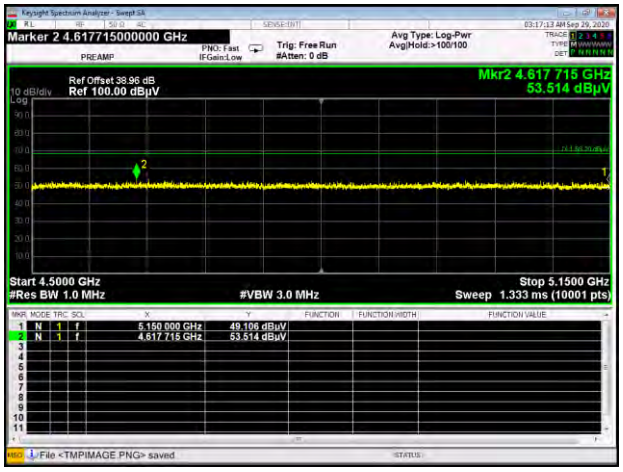
Band 1 11a CH36 Peak



Band 1 11a CH48 Peak



Band 1 11n20 CH36 Peak



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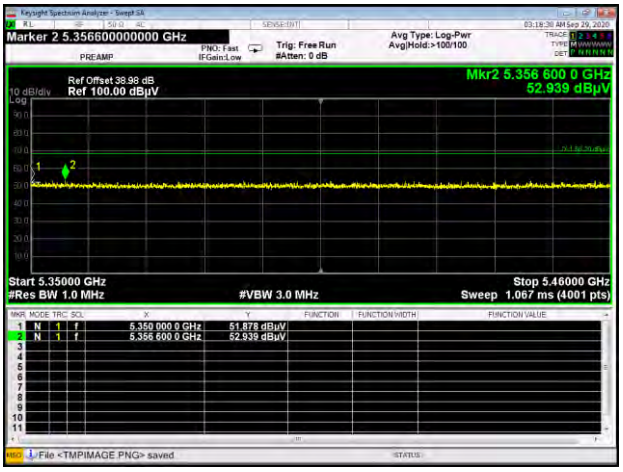
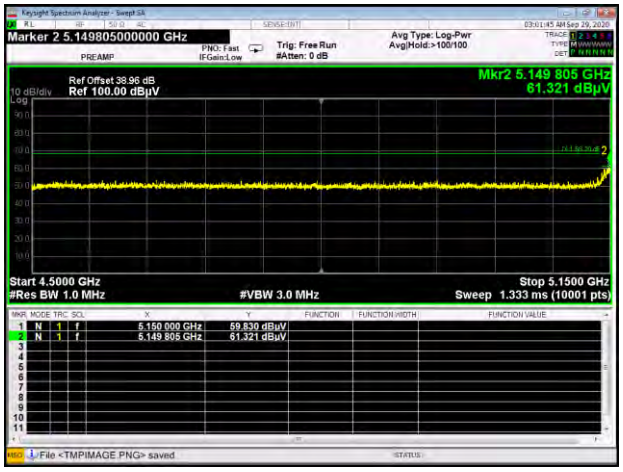
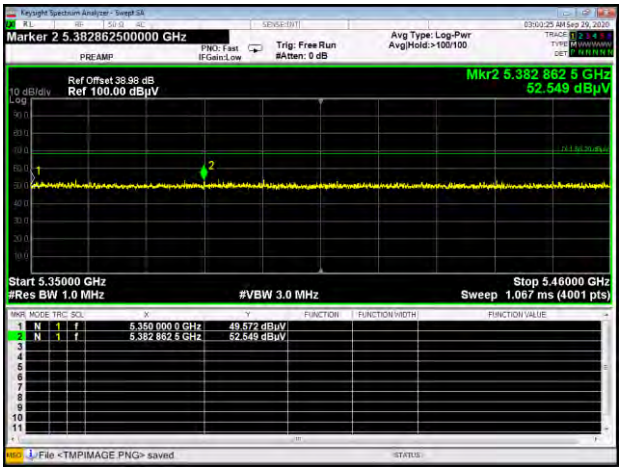


Band 1 11n40 CH38 Peak



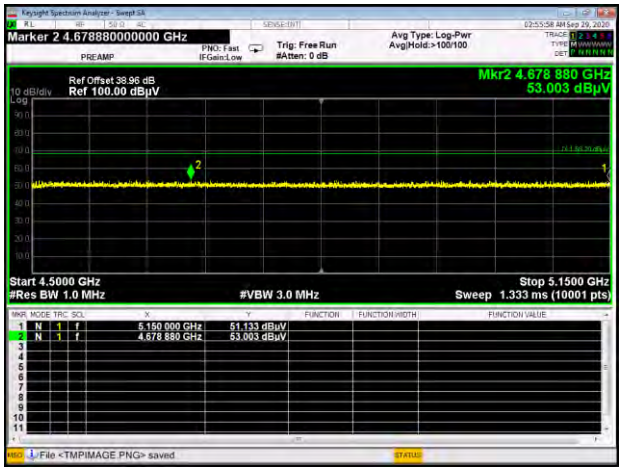
Band 1 11n40 CH46 Peak



Band 1 11n40 CH38 AV

Band 1 11n40 CH38 AV

Band 1 11ac20 CH36 Peak



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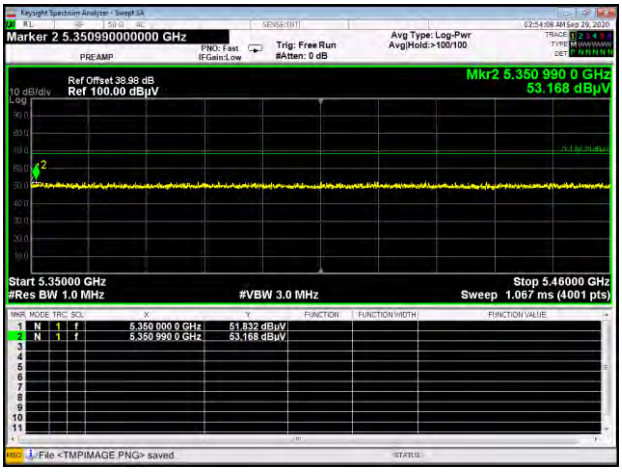

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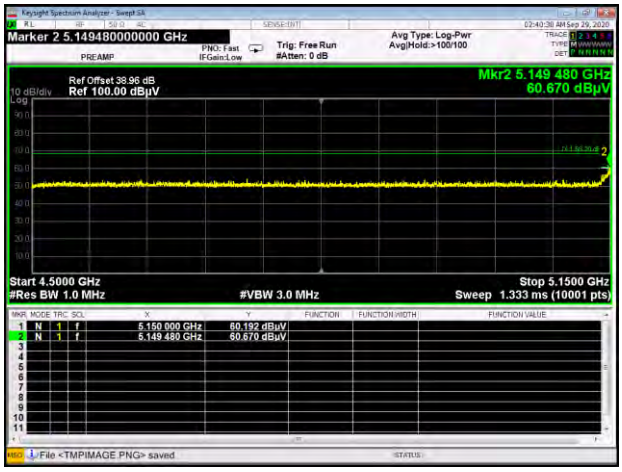

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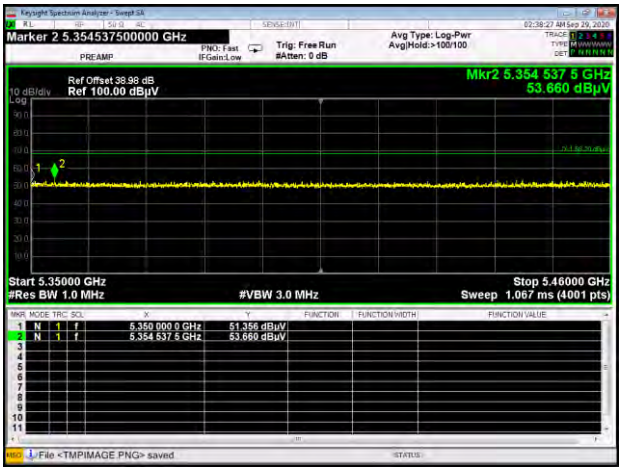
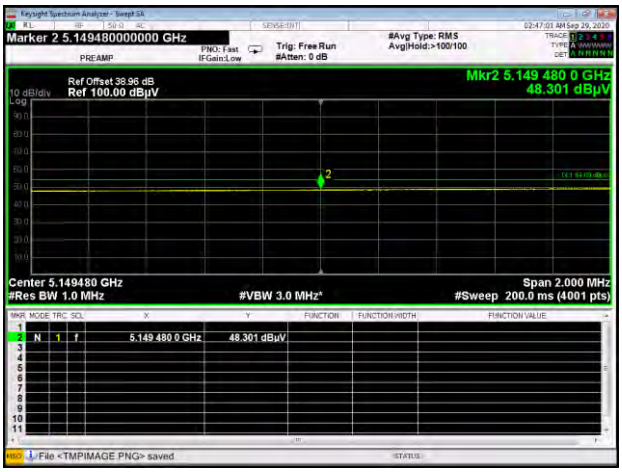
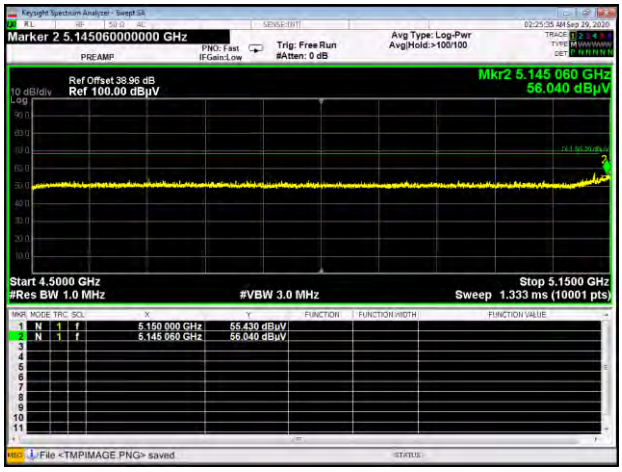


Band 1 11ac40 CH38 AV

Band 1 11ac40 CH38 AV



Band 1 11ac80 CH42 Peak



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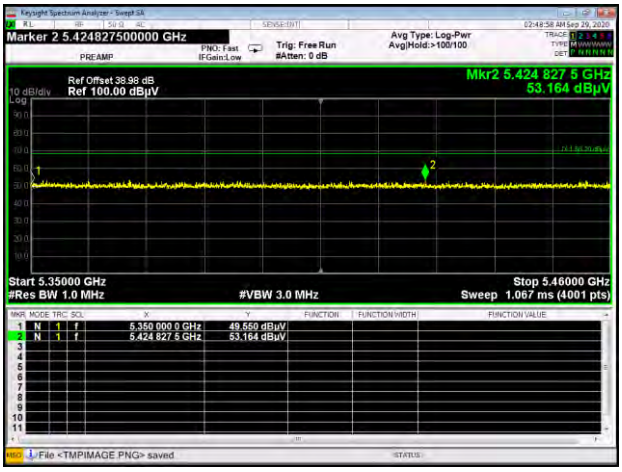

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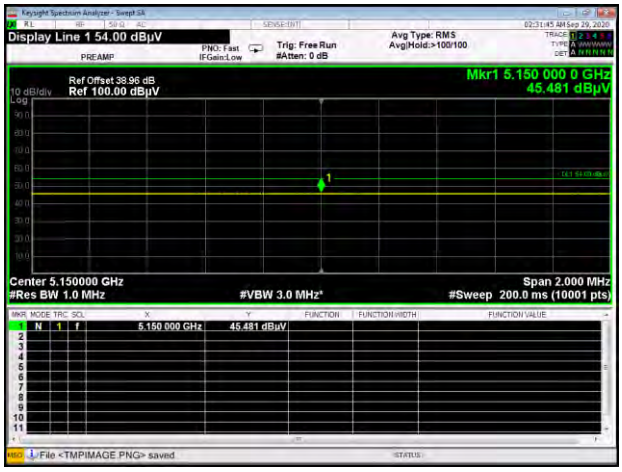

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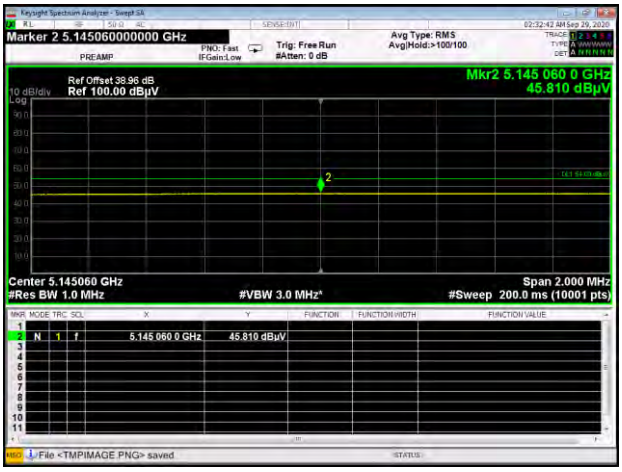
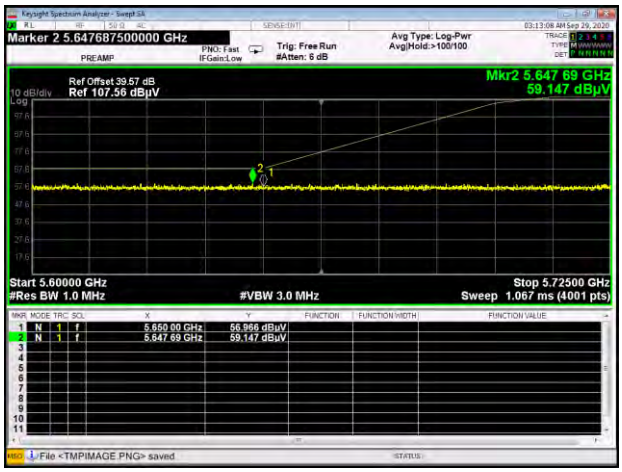


Band 3 11a CH149 Peak



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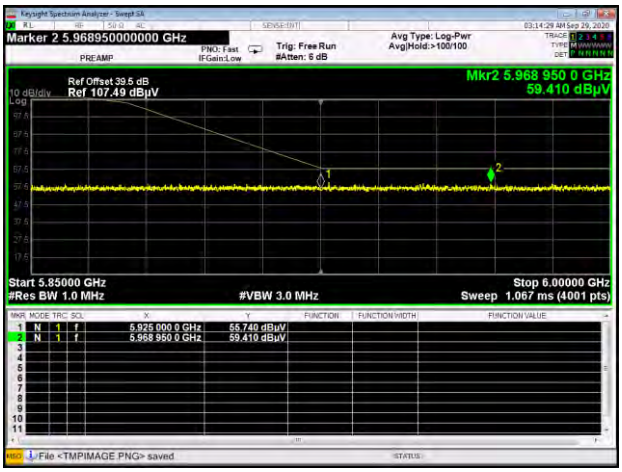
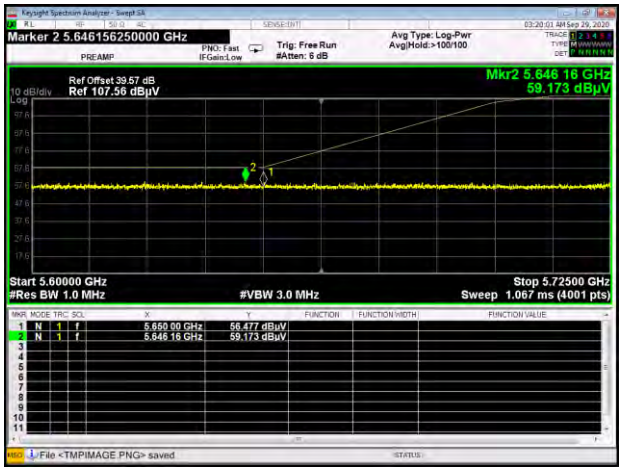


Band 3 11n20 CH149 Peak



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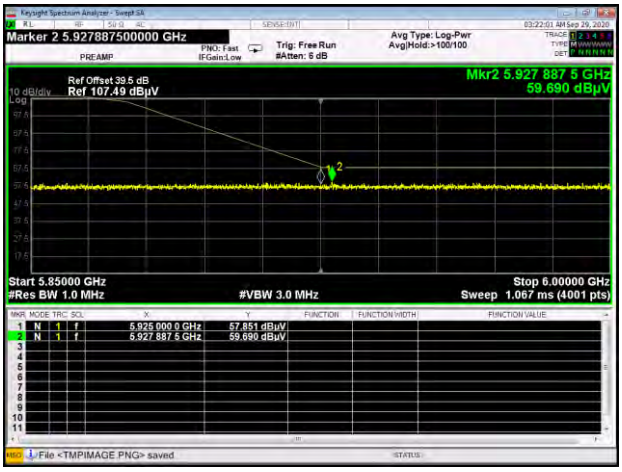

Band 3 11n40 CH151 Peak

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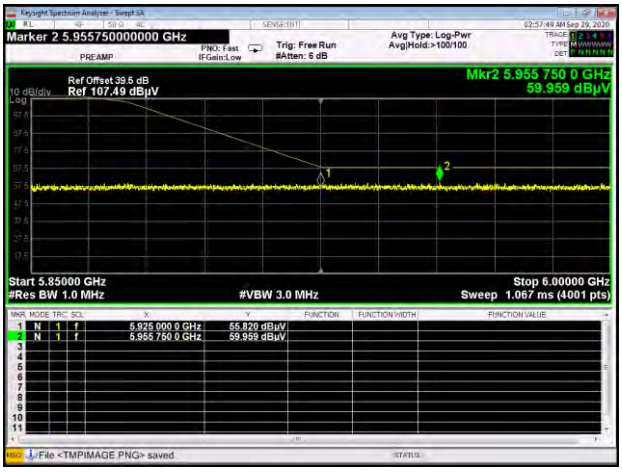

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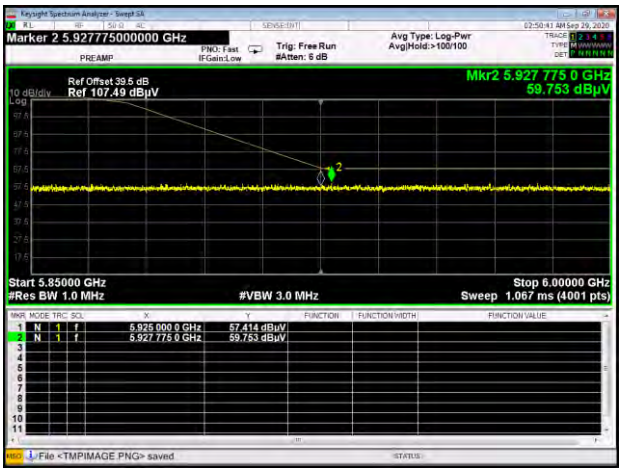
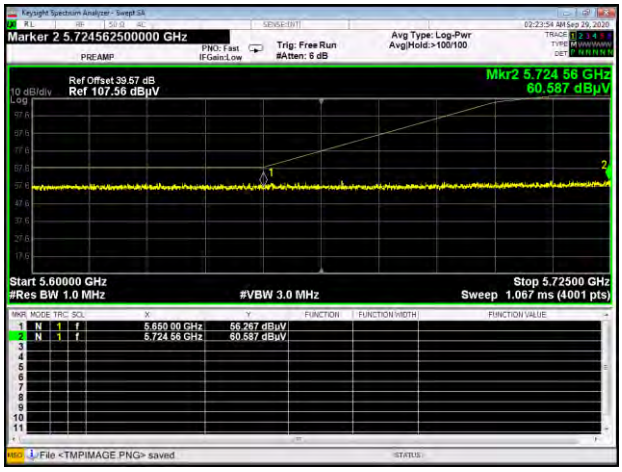


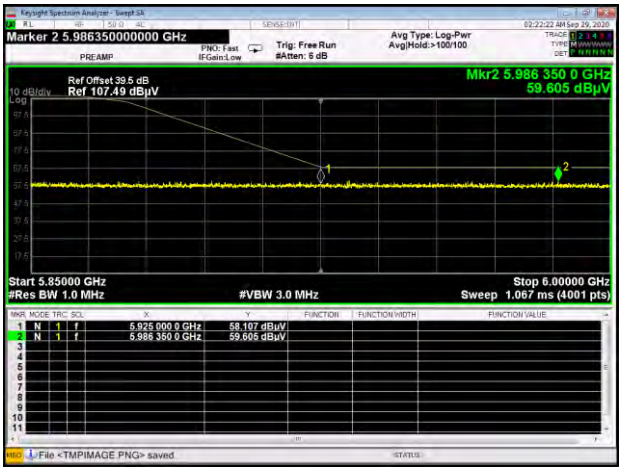
Band 3 11ac40 CH151 Peak

Band 3 11ac40 CH159 Peak

Band 3 11ac80 CH155 Peak



Band 3 11ac80 CH155 Peak



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2090561-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2090561-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2090561-AI.PDF”.

--END OF REPORT--