FCC/ISED RF TEST REPORT

ISSUED BY
Shenzhen BALUN Technology Co., Ltd.

FOR

Navigation and Multimedia device

ISSUED TO
Robert Bosch Car Multimedia GmbH

Robert-Bosch-Str. 200, 31139 Hildesheim, Germany

Prepared by: Hu Chao
Hu Chao
(Engineer)
Date Aug. 01, 2018

Approved by: Wei Yanquan
Wei Yanquan
(Chief Engineer)
Date Aug. 01, 2018

Report No.:	BL-SZ1870190-606
EUT Name:	Navigation and Multimedia device
Model Name:	AIVIH61L0
Brand Name:	Bosch
Test Standard:	47 CFR Part 15 Subpart E
	RSS-Gen (Issue 5, April 2018)
	RSS-247 (Issue 2, February 2017)
FCC ID:	YBN-AIVIH61L0
ISED Number:	9595A-AIVIH61L0
Test Conclusion:	Pass
Test Date:	Jul. 17, 2018 ~ Jul. 20, 2018
Date of Issue:	Aug. 01, 2018

Block B, 1st FL, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong, P. R. China 518055
TEL: +86-755-66850100, FAX: +86-755-61824271
Email: qc@baluntek.com
www.baluntek.com

Revision History

Version	Issue Date	Revisions Content
Rev. 01	Aug. 01, 2018	Initial Issue

TABLE OF CONTENTS

1 ADMINISTRATIVE DATA (GENERAL INFORMATION) 4
1.1 Identification of the Testing Laboratory 4
1.2 Identification of the Responsible Testing Location 4
1.3 Laboratory Condition 4
1.4 Announce 4
2 PRODUCT INFORMATION 5
2.1 Applicant 5
2.2 Manufacturer 5
2.3 Factory 5
2.4 General Description for Equipment under Test (EUT) 5
2.5 Ancillary Equipment 5
2.6 Technical Information 6
2.7 Additional Instructions 7
2.8 Channel List 9
3 SUMMARY OF TEST RESULTS 12
3.1 Test Standards 12
3.2 Verdict 12
4 GENERAL TEST CONFIGURATIONS 13
4.1 Test Environments 13
4.2 Test Equipment List 13
4.3 Measurement Uncertainty 14
4.4 Description of Test Setup 15
5 TEST ITEMS 18
5.1 RF Output Power 18
5.2 Emission Bandwidth and 6 dB Bandwidth 19
5.3 Power Spectral density (PSD) 20
5.4 Conducted Emission 21

5.5 Radiated Spurious Emissions and Band Edge (Restricted-band) 22
5.6 Frequency Stability 27
ANNEX A TEST RESULT 28
A.1 RF Output Power 28
A.2 Emission Bandwidth & 99% Bandwidth 33
A.3 6 dB Bandwidth 33
A.4 Power Spectral Density 33
A.5 Conducted Emissions 33
A.6 Radiated Spurious Emissions and Band Edge (Restricted-band) 34
A.7 Frequency Stability 98
ANNEX B TEST SETUP PHOTOS 99

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 v4.2.

(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.

2 PRODUCT INFORMATION

2.1 Applicant

Applicant	Robert Bosch Car Multimedia GmbH
Address	Robert-Bosch-Str. 200, 31139 Hildesheim, Germany

2.2 Manufacturer

Manufacturer	Robert Bosch Car Multimedia GmbH
Address	Robert-Bosch-Str. 200, 31139 Hildesheim, Germany

2.3 Factory

Factory 1	Bosch Car Multimedia Portugal, S.A.
Address 1	Rua Max Grundig, 35-Lomar, 4705-820 Braga
Factory 2	Robert Bosch (Malaysia)
Address 2	Free Trade Zone 11900, Bayan Lepas, Penang

2.4 General Description for Equipment under Test (EUT)

EUT Name	Navigation and Multimedia device
Model Name Under Test	AIVIH61L0
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	001
Software Version	X322(0548)
Dimensions (Approx.)	17*33*17.2cm
Weight (Approx.)	N/A

2.5 Ancillary Equipment

Note: Not applicable.

2.6 Technical Information

Network and Wireless connectivity	Bluetooth 4.0 (BR+EDR) WIFI 802.11a, 802.11b, 802.11g and 802.11n (HT20/40), 802.11ac

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

Frequency Range	Band I: 5150 MHz to 5250 MHz, Band II: 5250 MHz to 5350 MHz, Band III: 5470 MHz to 5725 MHz Band IV: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Indoor for IC standard Mobile and portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36 / 24 / 18/12 / 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	Band I: 1.15 dBm Band II: 0.79 dBm Band III: 5.38 dBm Band IV: 8.07 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	Integrated Antenna
Antenna Gain	Band I: 5150 MHz to 5250 MHz: 6.2 dBi Band II: 5250 MHz to 5350 MHz: 6.4 dBi Band III: 5470 MHz to 5725 MHz: 4.4 dBi Band IV: 5725 MHz to 5850 MHz: 1.6 dBi
About the Product	The equipment is Navigation and Multimedia device, intended for used with information technology equipment.

2.7 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. And the software is installed on the lab test computer.

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.

Power level setup in software	
Test Software Version	Dut labtool V2.0.0.89

Band I (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	10.0
11a	CH44	5220	10.0
11a	CH48	5240	10.0
11n (HT20)	CH36	5180	10.0
11n (HT20)	CH44	5220	10.0
11n (HT20)	CH48	5240	10.0
11n (HT40)	CH38	5190	10.0
11n (HT40)	CH46	5230	10.0
11ac (VHT20)	CH36	5180	6.0
11ac (VHT20)	CH44	5220	6.0
11ac (VHT20)	CH48	5240	6.0
11ac (VHT40)	CH38	5190	6.0
11ac (VHT40)	CH46	5230	6.0
11ac (VHT80)	CH42	5210	6.0

Band II (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	10.0
11a	CH60	5300	10.0
11a	CH64	5320	10.0
11n (HT20)	CH52	5260	10.0
11n (HT20)	CH60	5300	10.0
11n (HT20)	CH64	5320	10.0
11n (HT40)	CH54	5270	10.0
11n (HT40)	CH62	5310	10.0
11ac (VHT20)	CH52	5260	6.0
11ac (VHT20)	CH60	5300	6.0
11ac (VHT20)	CH64	5320	6.0
11ac (VHT40)	CH54	5270	6.0
11ac (VHT40)	CH62	5310	6.0
11ac (VHT80)	CH58	5290	6.0

Band III (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	10.0
11a	CH116	5580	10.0
11a	CH140	5700	10.0
11n (HT20)	CH100	5500	10.0
11n (HT20)	CH116	5580	10.0
11n (HT20)	CH140	5700	10.0
11n (HT40)	CH102	5510	10.0
11n (HT40)	CH134	5670	10.0
11ac (VHT20)	CH100	5500	6.0
11ac (VHT20)	CH116	5580	6.0
11ac (VHT20)	CH140	5700	6.0
11ac (VHT40)	CH102	5510	6.0
11ac (VHT40)	CH118	5590	6.0
11ac (VHT40)	CH134	5670	6.0
11ac (VHT80)	CH106	5530	6.0
11ac (VHT80)	CH122	5610	6.0

Band IV (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	10.0
11a	CH157	5785	10.0
11a	CH165	5825	10.0
11n (HT20)	CH149	5745	10.0
11n (HT20)	CH157	5785	10.0
11n (HT20)	CH165	5825	10.0
11n (HT40)	CH151	5755	10.0
11n (HT40)	CH159	5795	10.0
11ac (VHT20)	CH149	5745	6.0
11ac (VHT20)	CH157	5785	6.0
11ac (VHT20)	CH165	5825	6.0
11ac (VHT40)	CH151	5755	6.0
11ac (VHT40)	CH159	5795	6.0
11ac (VHT80)	CH155	5775	6.0

2.8 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**58**	**5290**
44	**5220**	**54**	**5270**	**106**	**5530**
48	**5240**	**62**	**5310**	**122**	**5610**
52	**5260**	**102**	**5510**	**155**	**5775**
56	5280	118	5590		
60	**5300**	**134**	**5670**		
64	**5320**	**151**	**5755**		
100	**5500**	**159**	**5795**		
104	5520				
108	5540				
112	5560				
116	**5580**				
132	5660				
136	5680				
140	**5700**				
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

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

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

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

Band I (5150 - 5250 MHz)			Band II (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

Band III (5470 - 5725 MHz)			Band IV (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)

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

Band III (5470 - 5725 MHz)			Band IV (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Middle	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)

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

Band III (5470 - 5725 MHz)			Band IV (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Low	5775
122	High	5610			

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

Test Items	Mode	Data Rate	Modulation Type	Band I	Band II	Band III	Band IV
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	MCS0		42	58	106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	MCS0		42	58	106	155
Band Edge (Restricted-band)	11a	6	BPSK	36	64	140/100	165/149
	11n(20 MHz)	6.5		36	64	140/100	165/149
	11n(40 MHz)	13.5		38	62	134/102	159/151
	11ac(20 MHz)	6.5		36	64	140/100	165/149
	11ac(40 MHz)	13.5		38	62	134/102	159/151
	11ac(80 MHz)	MCS0		42	58	106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	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	RSS-Gen (Issue 5, Apr. 2018)	General Requirements for Compliance of Radio Apparatus
4	RSS-247 (Issue 2, February 2017)	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass[Note1]
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass [Note3]
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass [Note3]
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass [Note3]
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	N/A[Note4]
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass
8	Frequency Stability	15.407(g)	--	ANNEX A.7	Pass
9	Receiver Spurious Emissions	--	RSS-Gen, 7.1.2	--	N/A[Note2]

Note [1]: The Antenna is fixed install and not removable, Antenna Gain please refer to 2.6 Technical Information.

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.

Note [3]: This report is partial report and referencing to the "original" report BTL-FCCP-3-1807C078 by BTL Inc. (FCC ID: YBN-AIVIL42P0) and report BTL-ISEDR-3-1807C078 by BTL Inc. (IC: 9595A-AIVIL42P0). This report just test Output Power, Radiated Spurious Emission and Band Edge(Restricted-band band-edge) after evaluation.

Note [4]: The EUT only powered by battery, so the Conducted Emission 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)	-30℃
	HT (High Temperature)	+70℃
Working Voltage of the EUT	NV (Normal Voltage)	13.6 V
	LV (Low Voltage)	9 V
	HV (High Voltage)	16 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2018.06.11	2019.06.10
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2018.06.11	2019.06.10
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2017.09.07	2018.09.06
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2018.06.11	2019.06.10
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
DC Power Supply	ITECH	IT6720	600103010717610007	2018.06.21	2019.06.20
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2018.06.21	2019.06.20
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2017.11.07	2019.11.08
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1148	2017.07.22	2019.07.21
Test Antenna-Horn(15-26.5 GHz)	SCHWARZBECK	BBHA 9170	9170-305	2018.07.11	2019.07.10
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2017.01.07	2019.01.06
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2019.02.20
laptop	Lenovo	X220	4286A17	N/A	N/A
Software	BALUN	BL410R	2.1.1.345	N/A	N/A
RF cable	Balun	Balun1	SRD01	2018.04.25	2018.10.24
RF cable	Balun	Balun2	SRD02	2018.04.25	2018.10.24
RF cable	Balun	EMC1	EMC01	2018.04.25	2018.10.24
RF cable	Huber&suhner	Boa-flex I	N/A	2018.04.25	2018.10.24
RF cable	Huber&suhner	Steel-flex I	N/A	2018.04.25	2018.10.24

4.3 Measurement Uncertainty

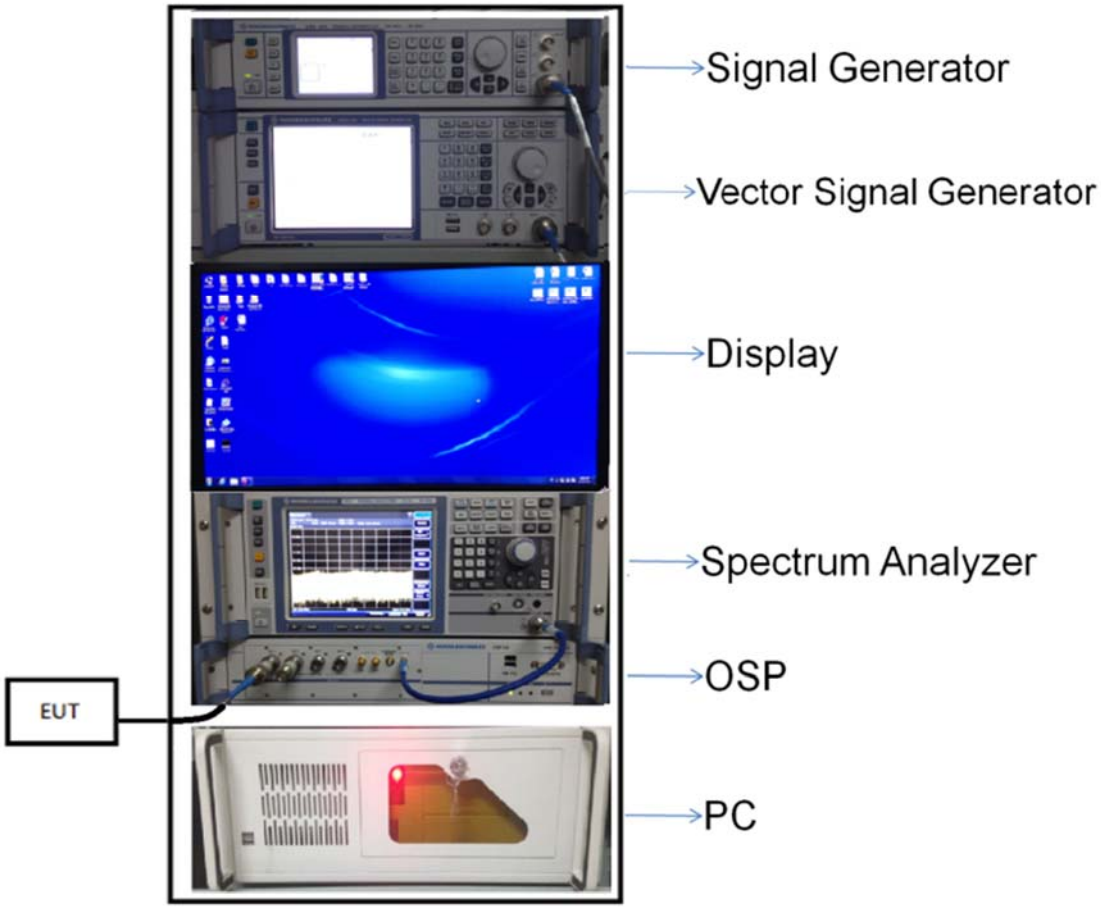
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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%

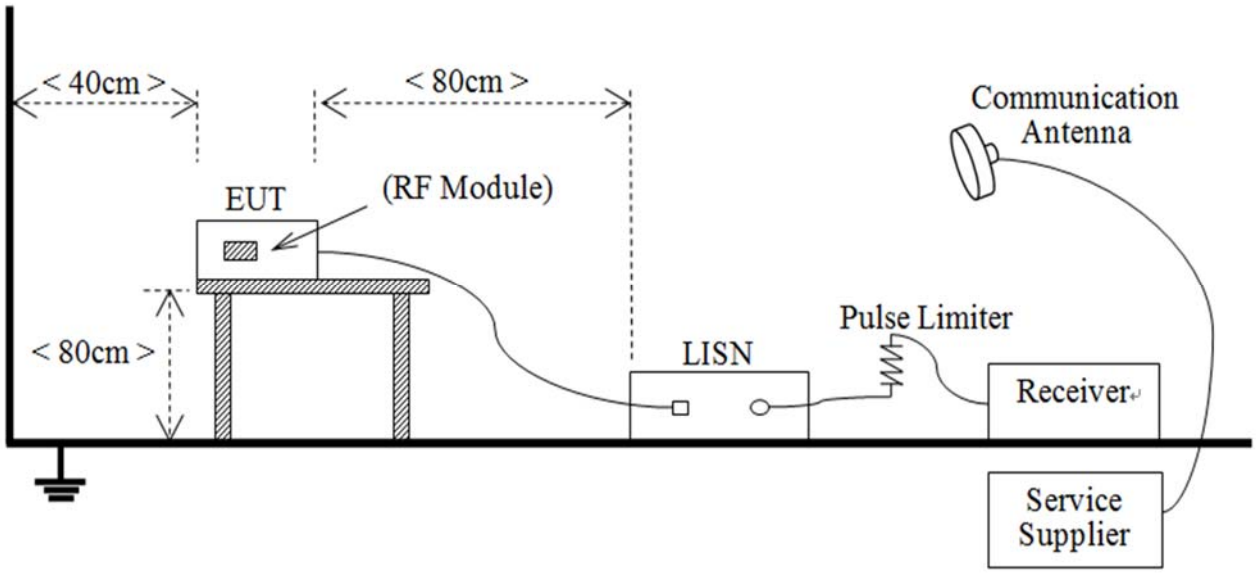
4.4 Description of Test Setup

4.4.1 For Antenna Port Test



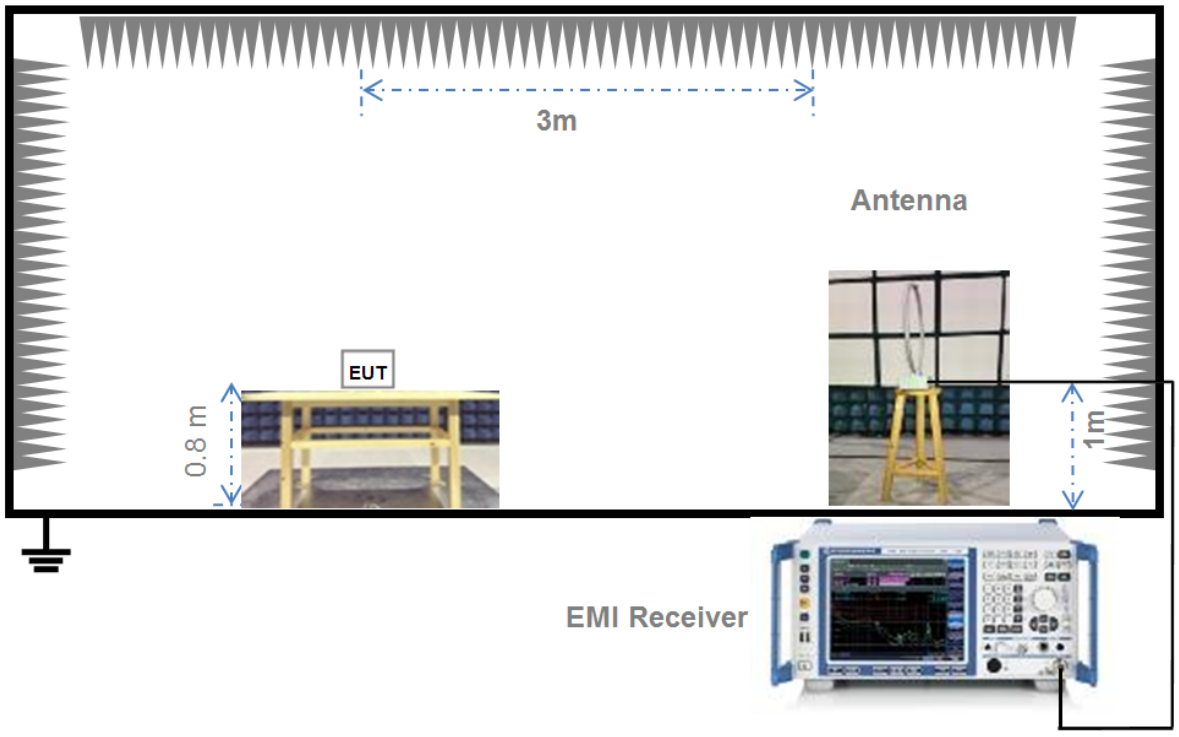
(Diagram 1)

4.4.2 For AC Power Supply Port Test



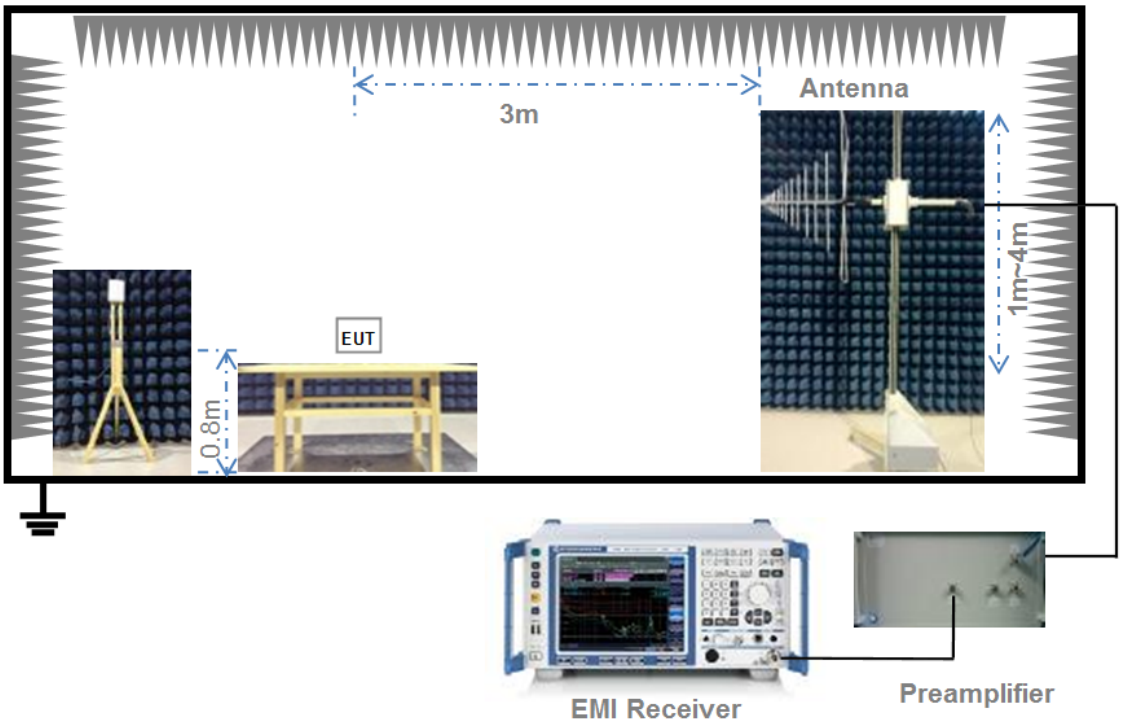
(Diagram 2)

4.4.3 For Radiated Test (Below 30 MHz)



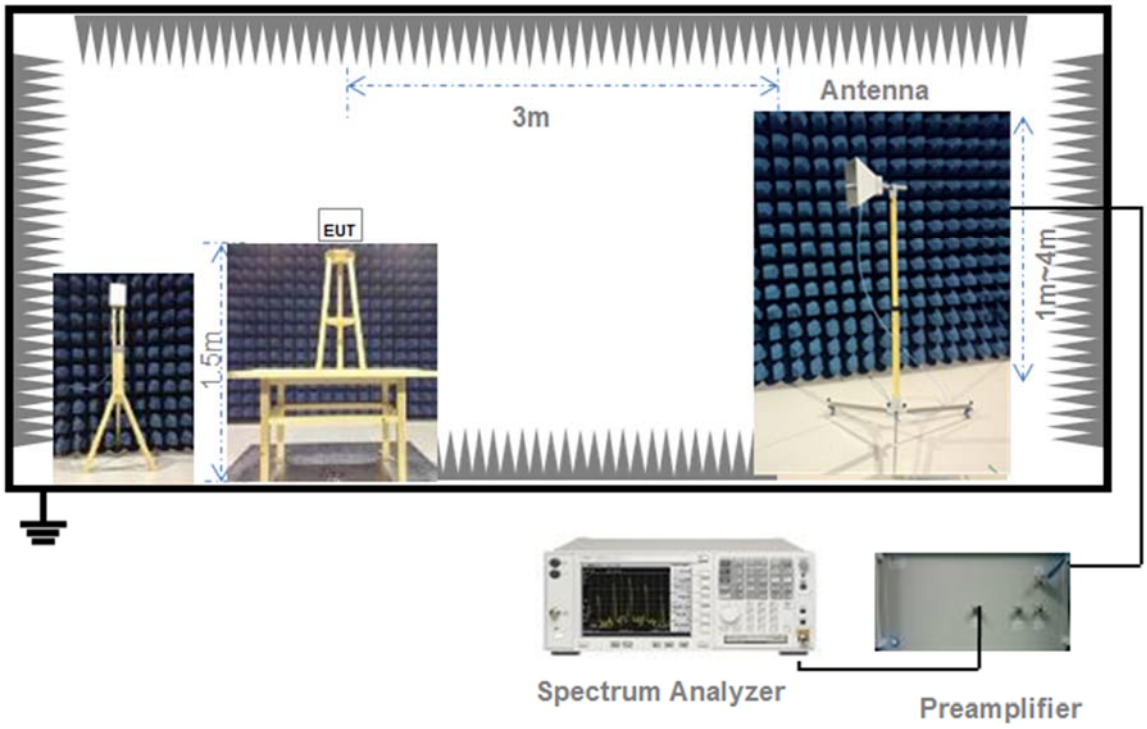
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



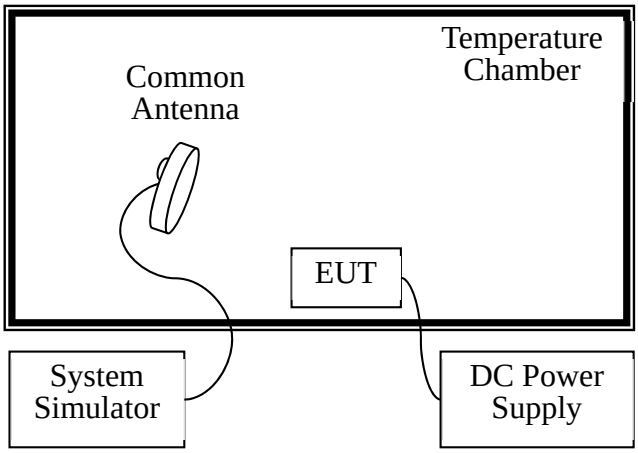
(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

4.4.6 For Frequency Stability Test



(Diagram 6)

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.

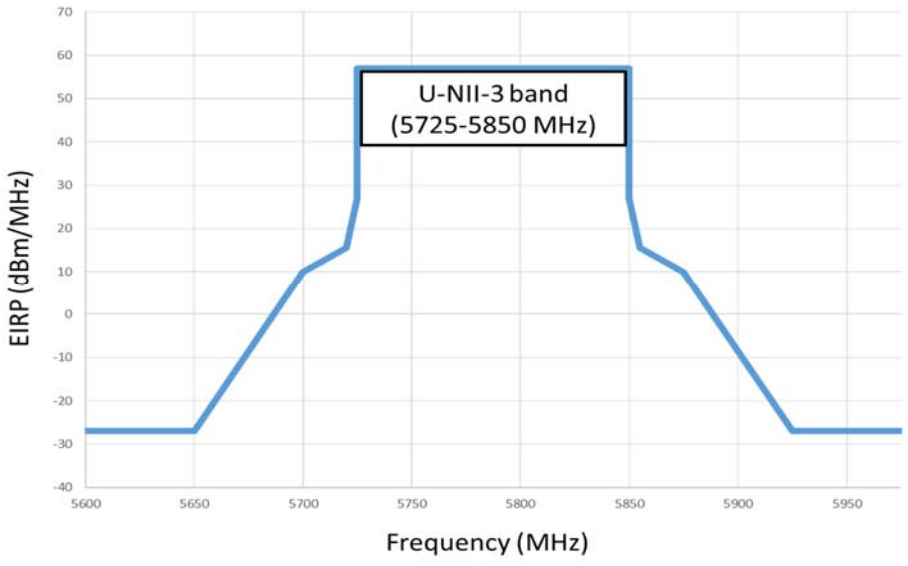
5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

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 and ANNEX A.6.2

5.6 Frequency Stability

5.6.1 Limit

FCC §15.407(g)

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

5.6.2 Test Setup

The section 4.4.6 (Diagram 6) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The EUT is installed in an environment test chamber with external power source.
Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT.
A sufficient stabilization period at each temperatures is used prior to each frequency measurement.
When temperature is stabled, measure the frequency stability.
The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage.
Change setting of chamber and external power source to complete all conditions.

5.6.4 Test Result

Please refer to ANNEX A.7.

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.

Note [2]: For IC standard, the band IV (5725 - 5850 MHz) maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Data

Conducted Power

Band I (5150 - 5250 MHz)						
Note [3]: Transmitting antennas of directional gain in Band I(5150 MHz to 5250 MHz) is 6.2 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0. Note [4]: FCC Limit=24dBm(250mW)-(6.2-6)dbi=23.8dBm(239.88mW).						
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Total (mW)	FCC Limit (mW)	Verdict
11a	CH36	5180	0.98	1.25	239.88	Pass
11a	CH44	5220	-0.39	0.91	239.88	Pass
11a	CH48	5240	0.12	1.03	239.88	Pass
11n (HT20)	CH36	5180	1.15	1.30	239.88	Pass
11n (HT20)	CH44	5220	-0.50	0.89	239.88	Pass
11n (HT20)	CH48	5240	0.00	1.00	239.88	Pass
11n (HT40)	CH38	5190	0.19	1.04	239.88	Pass
11n (HT40)	CH46	5230	0.60	1.15	239.88	Pass
11ac (VHT20)	CH36	5180	-2.77	0.53	239.88	Pass
11ac (VHT20)	CH44	5220	-3.31	0.47	239.88	Pass
11ac (VHT20)	CH48	5240	-3.12	0.49	239.88	Pass
11ac (VHT40)	CH38	5190	-3.79	0.42	239.88	Pass
11ac (VHT40)	CH46	5230	-3.59	0.44	239.88	Pass
11ac (VHT80)	CH42	5210	0.10	1.02	239.88	Pass

Band II (5250 - 5350 MHz)						
Note [5]: Transmitting antennas of directional gain in Band II(5250 MHz to 5350 MHz) is 6.4 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0. Note [6]: The limit is 250 mW or 11 dBm + 10log B, whichever is less. In IC Standard, Where “B” is the 99% emissions bandwidth in MHz. In FCC Standard, Where “B” is the 26dB emissions bandwidth in MHz. (Please refer to the section A.2). Note [7]:The final FCC Limit={24dBm(250 mW) or 11 dBm + 10log B, whichever is less} -(6.4-6)dbi						
Mode	Channel	Conducted Power (dBm)	Conducted Power Total (mW)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
11a	CH52	0.63	1.16	23.6	22.9	Pass
11a	CH60	-0.67	0.86	23.6	22.9	Pass
11a	CH64	-0.76	0.84	23.6	22.9	Pass
11n (HT20)	CH52	0.79	1.20	23.6	23.1	Pass
11n (HT20)	CH60	-0.56	0.88	23.6	23.1	Pass
11n (HT20)	CH64	-0.67	0.86	23.6	23.1	Pass
11n (HT40)	CH54	0.36	1.09	23.6	23.6	Pass
11n (HT40)	CH62	-0.36	0.92	23.6	23.6	Pass
11ac (VHT20)	CH52	-3.12	0.49	23.6	23.1	Pass
11ac (VHT20)	CH60	-3.28	0.47	23.6	23.1	Pass
11ac (VHT20)	CH64	-3.50	0.45	23.6	23.1	Pass
11ac (VHT40)	CH54	-3.01	0.50	23.6	23.6	Pass
11ac (VHT40)	CH62	-3.14	0.49	23.6	23.6	Pass
11ac (VHT80)	CH58	0.04	1.01	23.6	23.6	Pass

Band III (5470 - 5725 MHz)						
Note [8]: Transmitting antennas of directional gain in Band III (5470 MHz to 5725 MHz) is 4.4 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0. Note [9]: The limit is 250 mW or 11 dBm + 10log B, whichever is less. In IC Standard, Where "B" is the 99% emissions bandwidth in MHz. In FCC Standard, Where "B" is the 26dB emissions bandwidth in MHz. (Please refer to the section A.2).						
Mode	Channel	Conducted Power (dBm)	Conducted Power Total (mW)	FCC Limit (dBm)	IC Limit (dBm)	Verdict
11a	CH100	3.15	2.07	24.0	23.3	Pass
11a	CH116	4.96	3.13	24.0	23.3	Pass
11a	CH140	5.29	3.38	24.0	23.3	Pass
11n (HT20)	CH100	3.35	2.16	24.0	23.5	Pass
11n (HT20)	CH116	4.96	3.13	24.0	23.5	Pass
11n (HT20)	CH140	5.38	3.45	24.0	23.5	Pass
11n (HT40)	CH102	3.24	2.11	24.0	24.0	Pass
11n (HT40)	CH118	4.50	2.82	24.0	24.0	Pass
11n (HT40)	CH134	5.27	3.37	24.0	23.5	Pass
11ac (VHT20)	CH100	-1.86	0.65	24.0	23.5	Pass
11ac (VHT20)	CH116	-1.04	0.79	24.0	23.5	Pass
11ac (VHT20)	CH140	-1.49	0.71	24.0	24.0	Pass
11ac (VHT40)	CH102	-1.96	0.64	24.0	24.0	Pass
11ac (VHT40)	CH118	-0.57	0.88	24.0	24.0	Pass
11ac (VHT40)	CH134	0.24	1.06	24.0	23.3	Pass
11ac (VHT80)	CH106	1.20	1.32	24.0	23.3	Pass

Band IV (5725 - 5850 MHz)						
Note [10]: Transmitting antennas of directional gain in Band IV (5725 MHz to 5850 MHz) is 1.6 dBi Formulas: Directional gain = GANT + Array Gain, *Array Gain* = 0.						
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power Total (mW)	FCC/IC Limit (W)	Verdict
11a	CH149	5745	6.54	4.51	1.00	Pass
11a	CH157	5785	6.85	4.84	1.00	Pass
11a	CH165	5825	6.98	4.99	1.00	Pass
11n (HT20)	CH149	5745	6.57	4.54	1.00	Pass
11n (HT20)	CH157	5785	6.86	4.85	1.00	Pass
11n (HT20)	CH165	5825	7.07	5.09	1.00	Pass
11n (HT40)	CH151	5755	6.86	4.85	1.00	Pass
11n (HT40)	CH159	5795	6.39	4.36	1.00	Pass
11ac (VHT20)	CH149	5745	3.82	2.41	1.00	Pass
11ac (VHT20)	CH157	5785	3.32	2.15	1.00	Pass
11ac (VHT20)	CH165	5825	4.02	2.52	1.00	Pass
11ac (VHT40)	CH151	5755	2.99	1.99	1.00	Pass
11ac (VHT40)	CH159	5795	2.74	1.88	1.00	Pass
11ac (VHT80)	CH155	5775	6.93	4.93	1.00	Pass

EIRP Power

Band I (5150 - 5250 MHz)						
Note [11]: The limit is 200 mW or 10 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2).						
Mode	Channel	Frequency (MHz)	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH36	5180	7.18	5.22	22.5	Pass
11a	CH44	5220	5.81	3.81	22.3	Pass
11a	CH48	5240	6.32	4.29	22.3	Pass
11n (HT20)	CH36	5180	7.35	5.43	22.5	Pass
11n (HT20)	CH44	5220	5.70	3.72	22.5	Pass
11n (HT20)	CH48	5240	6.20	4.17	22.5	Pass
11n (HT40)	CH38	5190	6.39	4.36	23	Pass
11n (HT40)	CH46	5230	6.80	4.79	23	Pass
11ac (VHT20)	CH36	5180	3.43	2.20	22.5	Pass
11ac (VHT20)	CH44	5220	2.89	1.95	22.5	Pass
11ac (VHT20)	CH48	5240	3.08	2.03	22.5	Pass
11ac (VHT40)	CH38	5190	2.41	1.74	23	Pass
11ac (VHT40)	CH46	5230	2.61	1.82	23	Pass
11ac (VHT80)	CH42	5210	6.30	4.27	23	Pass

Band II (5250 - 5350 MHz)						
Note [12]: The limit is 1W or 17 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2).						
Mode	Channel	Frequency (MHz)	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH52	5260	7.56	5.70	29.3	Pass
11a	CH56	5280	7.26	5.32	29.3	Pass
11a	CH64	5320	7.24	5.30	29.3	Pass
11n (HT20)	CH52	5260	7.6	5.75	29.5	Pass
11n (HT20)	CH60	5300	7.28	5.35	29.5	Pass
11n (HT20)	CH64	5320	7.26	5.32	29.5	Pass
11n (HT40)	CH54	5270	7.49	5.61	30	Pass
11n (HT40)	CH62	5310	7.32	5.40	30	Pass
11ac (VHT20)	CH52	5260	6.89	4.89	29.5	Pass
11ac (VHT20)	CH60	5300	6.87	4.86	29.5	Pass
11ac (VHT20)	CH64	5320	6.85	4.84	29.5	Pass
11ac (VHT40)	CH54	5270	6.9	4.90	30	Pass
11ac (VHT40)	CH62	5310	6.89	4.89	30	Pass
11ac (VHT80)	CH58	5290	7.41	5.51	30	Pass

Band III (5470 - 5725 MHz)						
Note [13]: The limit is 1W or 17 dBm + 10log B, whichever is less. Where “B” is the 99% emissions bandwidth in MHz (Please refer to the section A.2)						
Mode	Channel	Frequency (MHz)	EIRP Power Total (dBm)	EIRP Power Total (mW)	IC Limit (mW)	Verdict
11a	CH100	5500	7.55	5.69	29.3	Pass
11a	CH116	5580	9.36	8.63	29.3	Pass
11a	CH140	5700	9.69	9.31	29.3	Pass
11n (HT20)	CH100	5500	7.75	5.96	29.5	Pass
11n (HT20)	CH116	5580	9.36	8.63	29.5	Pass
11n (HT20)	CH140	5700	9.78	9.51	29.5	Pass
11n (HT40)	CH102	5510	7.64	5.81	30	Pass
11n (HT40)	CH134	5670	8.90	7.76	30	Pass
11ac (VHT20)	CH100	5500	9.67	9.27	29.5	Pass
11ac (VHT20)	CH116	5580	2.54	1.79	29.5	Pass
11ac (VHT20)	CH140	5700	4.44	2.78	29.5	Pass
11ac (VHT40)	CH102	5510	4.89	3.08	30	Pass
11ac (VHT40)	CH134	5670	2.44	1.75	30	Pass
11ac (VHT80)	CH106	5530	3.83	2.42	30	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: The Emission Bandwidth & 99% Bandwidth please refer to the Report No. BTL-FCCP-3-1807C078 (which issued by BTL INC. on Jul. 25, 2018), **Section 5.26dB SPECTRUM BANDWIDTH.**

A.3 6 dB Bandwidth

Note: The 6 dB Bandwidth please refer to the Report No. BTL-FCCP-3-1807C078 (which issued by BTL INC. on Jul. 25, 2018), **Section 5.26dB SPECTRUM BANDWIDTH.**

A.4 Power Spectral Density

Note: The Power Spectral Density please refer to the Report No. BTL-FCCP-3-1807C078 (which issued by BTL INC. on Jul. 25, 2018), **Section 7.POWER SPECTRAL DENSITY TEST.**

A.5 Conducted Emissions

Note: Not applicable.

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

Test Data

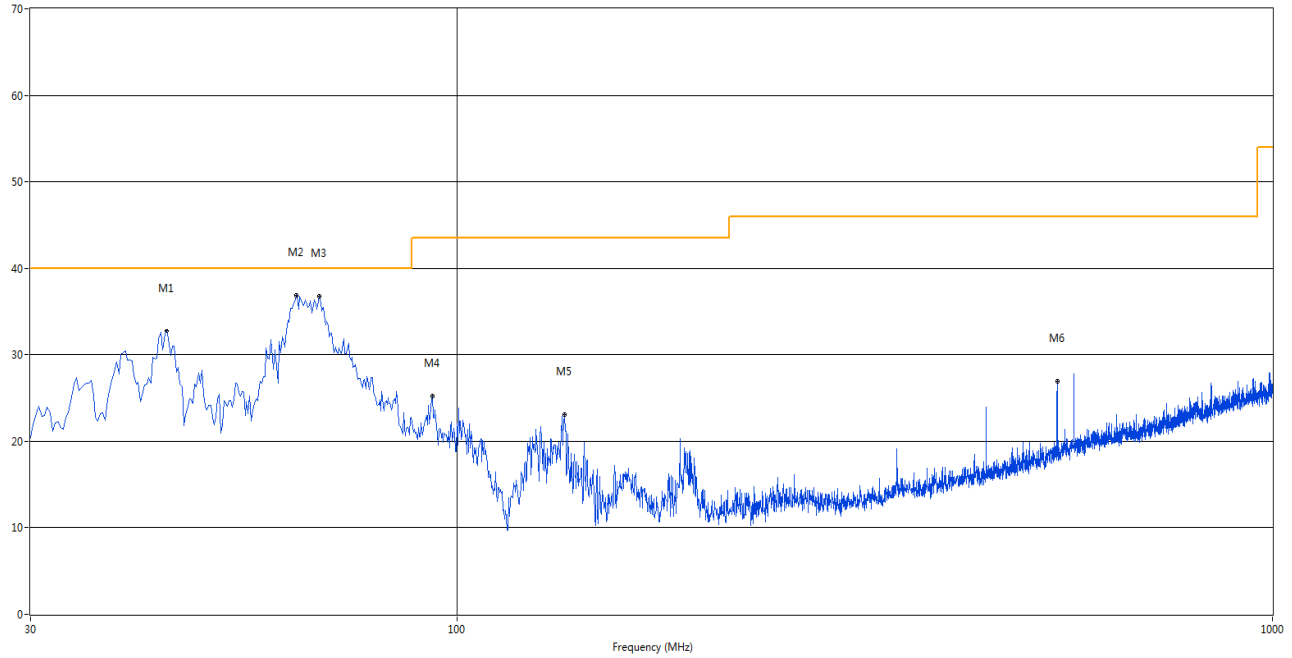
Note [1]: The symbol of "--" in the table which means not application.

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

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

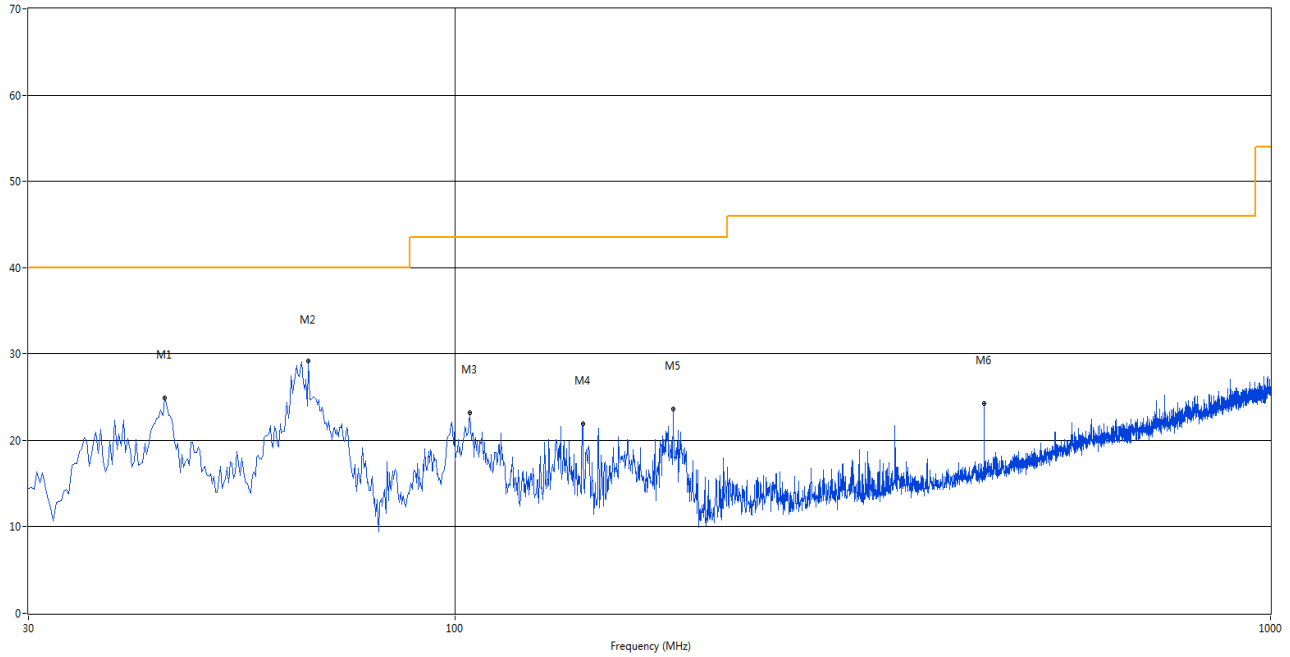
Note [4]: The EUT is working in the Normal link mode below 1 GHz.

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	44.065	32.75	-23.57	40.0	7.25	Peak	216.60	100	Vertical	Pass
2	63.465	36.93	-25.09	40.0	3.07	Peak	114.70	100	Vertical	Pass
3	67.830	36.79	-26.15	40.0	3.21	Peak	150.10	100	Vertical	Pass
4	93.293	25.23	-25.83	43.5	18.27	Peak	172.00	100	Vertical	Pass
5	135.488	23.03	-27.89	43.5	20.47	Peak	180.90	100	Vertical	Pass
6	544.585	26.89	-15.17	46.0	19.11	Peak	194.40	100	Vertical	Pass

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	44.065	24.86	-23.57	40.0	15.14	Peak	123.80	200	Horizontal	Pass
2	66.132	29.09	-25.40	40.0	10.91	Peak	208.30	200	Horizontal	Pass
3	104.205	23.20	-24.31	43.5	20.30	Peak	328.20	200	Horizontal	Pass
4	143.490	21.84	-27.72	43.5	21.66	Peak	310.40	200	Horizontal	Pass
5	185.200	23.57	-25.54	43.5	19.93	Peak	317.60	100	Horizontal	Pass
6	445.402	24.24	-17.68	46.0	21.76	Peak	270.40	200	Horizontal	Pass

Note: The spurious from 18G-40G is noise only, do not show on the report.

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1332.789	32.18	-13.54	54	-21.82	AV	161.55	150	Vertical	Pass
1	1332.789	40.75	-13.54	74	-33.25	Peak	161.55	150	Vertical	Pass
2**	1910.895	41.66	-13.10	--	--	AV	185.18	150	Vertical	N/A
2	1910.895	49.61	-13.10	68.2	-18.59	Peak	185.18	150	Vertical	Pass
3**	2459.674	39.51	-8.10	--	--	AV	103.23	150	Vertical	N/A
3	2459.674	46.30	-8.10	68.2	-21.90	Peak	103.23	150	Vertical	Pass
4**	5180.000	87.24	-4.07	--	--	AV	3.13	150	Vertical	N/A
4	5180.000	91.74	-4.07	--	--	Peak	3.13	150	Vertical	N/A
5**	15048.490	42.08	14.73	--	--	AV	2.71	150	Vertical	N/A
5	15048.490	50.21	14.73	68.2	-17.99	Peak	2.71	150	Vertical	Pass
6**	16577.938	48.69	20.79	--	--	AV	334.32	150	Vertical	N/A
6	16577.938	53.57	20.79	68.2	-14.64	Peak	334.32	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1879.481	31.86	-13.52	--	--	AV	221.68	150	Horizontal	N/A
1	1879.481	44.41	-13.52	68.2	-23.79	Peak	221.68	150	Horizontal	Pass
2**	2460.127	38.38	-8.13	--	--	AV	106.46	150	Horizontal	N/A
2	2460.127	44.63	-8.13	68.2	-23.57	Peak	106.46	150	Horizontal	Pass
3**	3167.596	36.70	-9.44	--	--	AV	196.15	150	Horizontal	N/A
3	3167.596	42.56	-9.44	68.2	-25.64	Peak	196.15	150	Horizontal	Pass
4**	5180.000	86.37	-4.07	--	--	AV	91.22	150	Horizontal	N/A
4	5180.000	90.45	-4.07	--	--	Peak	91.22	150	Horizontal	N/A
5**	8236.803	41.77	13.81	54	-12.23	AV	3.44	150	Horizontal	Pass
5	8236.803	47.74	13.81	74	-26.26	Peak	3.44	150	Horizontal	Pass
6**	16613.722	46.74	20.83	--	--	AV	360.74	150	Horizontal	N/A
6	16613.722	52.44	20.83	68.2	-15.76	Peak	360.74	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1333.500	33.0	-13.22	54.0	21.00	AV	159.30	150	Vertical	Pass
1	1333.500	41.10	-13.22	74.0	32.90	Peak	159.30	150	Vertical	Pass
2**	1911.500	42.5	-12.60	--	-42.50	AV	183.00	150	Vertical	N/A
2	1911.500	49.67	-12.60	68.2	18.53	Peak	183.00	150	Vertical	Pass
3**	2460.500	40.0	-8.07	--	-40.00	AV	101.20	150	Vertical	N/A
3	2460.500	47.30	-8.07	68.2	20.90	Peak	101.20	150	Vertical	Pass
4**	5223.000	87.8	-3.90	--	--	AV	0.90	150	Vertical	N/A
4	5223.000	92.44	-3.90	--	--	Peak	0.90	150	Vertical	N/A
5**	15048.938	42.9	15.26	--	-42.90	AV	0.60	150	Vertical	N/A
5	15048.938	50.40	15.26	68.2	17.80	Peak	0.60	150	Vertical	Pass
6**	16578.562	48.8	20.80	--	-48.80	AV	332.10	150	Vertical	N/A
6	16578.562	53.94	20.80	68.2	14.26	Peak	332.10	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1879.500	32.2	-13.05	--	-32.20	AV	219.30	150	Horizontal	N/A
1	1879.500	44.45	-13.05	68.2	23.75	Peak	219.30	150	Horizontal	Pass
2**	2460.500	38.6	-8.07	--	-38.60	AV	104.20	150	Horizontal	N/A
2	2460.500	45.44	-8.07	68.2	22.76	Peak	104.20	150	Horizontal	Pass
3**	3168.000	37.5	-9.38	--	-37.50	AV	193.80	150	Horizontal	N/A
3	3168.000	43.24	-9.38	68.2	24.96	Peak	193.80	150	Horizontal	Pass
4**	5222.000	87.0	-3.84	--	--	AV	88.50	150	Horizontal	N/A
4	5222.000	91.25	-3.84	--	--	Peak	88.50	150	Horizontal	N/A
5**	8237.687	42.2	13.98	54.0	11.80	AV	1.40	150	Horizontal	Pass
5	8237.687	47.92	13.98	74.0	26.08	Peak	1.40	150	Horizontal	Pass
6**	16614.000	46.8	20.85	--	-46.80	AV	358.50	150	Horizontal	N/A
6	16614.000	53.30	20.85	68.2	14.90	Peak	358.50	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1332.641	32.94	-13.85	54	-21.07	AV	162.11	150	Vertical	Pass
1	1332.641	40.97	-13.85	74	-33.03	Peak	162.11	150	Vertical	Pass
2**	1910.534	42.32	-13.51	--	--	AV	185.60	150	Vertical	N/A
2	1910.534	49.36	-13.51	68.2	-18.84	Peak	185.60	150	Vertical	Pass
3**	2460.404	39.57	-8.78	--	--	AV	104.06	150	Vertical	N/A
3	2460.404	46.63	-8.78	68.2	-21.57	Peak	104.06	150	Vertical	Pass
4**	5240.000	87.37	-3.67	--	--	AV	3.41	150	Vertical	N/A
4	5240.000	92.03	-3.67	--	--	Peak	3.41	150	Vertical	N/A
5**	15048.499	42.60	14.89	--	--	AV	3.47	150	Vertical	N/A
5	15048.499	50.25	14.89	68.2	-17.95	Peak	3.47	150	Vertical	Pass
6**	16578.411	47.89	20.45	--	--	AV	334.65	150	Vertical	N/A
6	16578.411	53.12	20.45	68.2	-15.08	Peak	334.65	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1879.154	31.95	-13.65	--	--	AV	221.59	150	Horizontal	N/A
1	1879.154	43.84	-13.65	68.2	-24.36	Peak	221.59	150	Horizontal	Pass
2**	2459.914	38.43	-8.19	--	--	AV	107.08	150	Horizontal	N/A
2	2459.914	44.51	-8.19	68.2	-23.69	Peak	107.08	150	Horizontal	Pass
3**	3167.541	36.78	-9.44	--	--	AV	196.74	150	Horizontal	N/A
3	3167.541	42.73	-9.44	68.2	-25.47	Peak	196.74	150	Horizontal	Pass
4**	5240.000	86.29	-3.67	--	--	AV	91.10	150	Horizontal	N/A
4	5240.000	90.65	-3.67	--	--	Peak	91.10	150	Horizontal	N/A
5**	8236.855	41.27	13.88	54	-12.73	AV	4.12	150	Horizontal	Pass
5	8236.855	46.96	13.88	74	-27.04	Peak	4.12	150	Horizontal	Pass
6**	16613.052	45.90	20.00	--	--	AV	360.94	150	Horizontal	N/A
6	16613.052	53.27	20.00	68.2	-14.93	Peak	360.94	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1335.590	31.54	-13.60	54	-22.46	AV	175.96	150	Vertical	Pass
1	1335.590	41.33	-13.60	74	-32.68	Peak	175.96	150	Vertical	Pass
2**	1908.344	35.37	-12.62	--	--	AV	194.39	150	Vertical	N/A
2	1908.344	49.30	-12.62	68.2	-18.91	Peak	194.39	150	Vertical	Pass
3**	2460.092	40.47	-8.67	--	--	AV	103.08	150	Vertical	N/A
3	2460.092	46.38	-8.67	68.2	-21.82	Peak	103.08	150	Vertical	Pass
4**	5260.000	84.74	-3.48	--	--	AV	76.49	150	Vertical	N/A
4	5260.000	91.06	-3.48	--	--	Peak	76.49	150	Vertical	N/A
5**	9243.709	42.67	14.56	--	--	AV	172.53	150	Vertical	N/A
5	9243.709	49.24	14.56	68.2	-18.96	Peak	172.53	150	Vertical	Pass
6**	16719.482	45.75	19.90	--	--	AV	3.85	150	Vertical	N/A
6	16719.482	53.17	19.90	68.2	-15.04	Peak	3.85	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.500	32.87	-14.49	54	-21.13	AV	194.92	150	Horizontal	Pass
1	1583.500	39.16	-14.49	74	-34.84	Peak	194.92	150	Horizontal	Pass
2**	2111.626	38.64	-11.44	--	--	AV	200.68	150	Horizontal	N/A
2	2111.626	44.07	-11.44	68.2	-24.13	Peak	200.68	150	Horizontal	Pass
3**	2459.746	38.86	-8.13	--	--	AV	108.47	150	Horizontal	N/A
3	2459.746	44.06	-8.13	68.2	-24.14	Peak	108.47	150	Horizontal	Pass
4**	5260.000	86.39	-3.48	--	--	AV	305.32	150	Horizontal	N/A
4	5260.000	89.58	-3.48	--	--	Peak	305.32	150	Horizontal	N/A
5**	9148.595	42.09	13.79	54	-11.91	AV	278.08	150	Horizontal	Pass
5	9148.595	48.72	13.79	74	-25.28	Peak	278.08	150	Horizontal	Pass
6**	12247.708	46.20	16.21	54	-7.80	AV	224.37	150	Horizontal	Pass
6	12247.708	52.74	16.21	74	-21.26	Peak	224.37	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1336.500	32.2	-12.92	54.0	21.80	AV	173.00	150	Vertical	Pass
1	1336.500	41.59	-12.92	74.0	32.41	Peak	173.00	150	Vertical	Pass
2**	1908.500	35.4	-12.46	--	-35.40	AV	192.10	150	Vertical	N/A
2	1908.500	50.16	-12.46	68.2	18.04	Peak	192.10	150	Vertical	Pass
3**	2460.500	40.9	-8.07	--	-40.90	AV	150.20	150	Vertical	N/A
3	2460.500	46.75	-8.07	68.2	21.45	Peak	150.20	150	Vertical	Pass
4**	5297.000	85.3	-4.48	--	--	AV	74.40	150	Vertical	N/A
4	5297.000	91.77	-4.48	--	--	Peak	74.40	150	Vertical	N/A
5**	9243.938	42.7	15.48	--	-42.70	AV	170.00	150	Vertical	N/A
5	9243.938	49.75	15.48	68.2	18.45	Peak	170.00	150	Vertical	Pass
6**	16720.312	46.4	20.11	--	-46.40	AV	1.50	150	Vertical	N/A
6	16720.312	53.69	20.11	68.2	14.51	Peak	1.50	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.000	33.3	-14.24	54.0	20.70	AV	192.90	150	Horizontal	Pass
1	1584.000	40.15	-14.24	74.0	33.85	Peak	192.90	150	Horizontal	Pass
2**	2112.000	38.9	-10.47	--	-38.90	AV	198.10	150	Horizontal	N/A
2	2112.000	44.44	-10.47	68.2	23.76	Peak	198.10	150	Horizontal	Pass
3**	2460.500	39.3	-8.07	--	-39.30	AV	105.90	150	Horizontal	N/A
3	2460.500	45.02	-8.07	68.2	23.18	Peak	105.90	150	Horizontal	Pass
4**	5304.000	86.9	-4.45	--	--	AV	302.90	150	Horizontal	N/A
4	5304.000	90.56	-4.45	--	--	Peak	302.90	150	Horizontal	N/A
5**	9149.062	43.0	14.58	54.0	11.00	AV	275.10	150	Horizontal	Pass
5	9149.062	49.45	14.58	74.0	24.55	Peak	275.10	150	Horizontal	Pass
6**	12248.313	46.5	16.78	54.0	7.50	AV	221.60	150	Horizontal	Pass
6	12248.313	52.90	16.78	74.0	21.10	Peak	221.60	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1336.287	31.94	-13.85	54	-22.06	AV	175.71	150	Vertical	Pass
1	1336.287	41.31	-13.85	74	-32.69	Peak	175.71	150	Vertical	Pass
2**	1908.456	34.95	-12.72	--	--	AV	194.14	150	Vertical	N/A
2	1908.456	49.47	-12.72	68.2	-18.73	Peak	194.14	150	Vertical	Pass
3**	2460.078	40.41	-8.20	--	--	AV	102.22	150	Vertical	N/A
3	2460.078	46.46	-8.20	68.2	-21.74	Peak	102.22	150	Vertical	Pass
4**	5320.000	84.74	-3.03	--	--	AV	76.58	150	Vertical	N/A
4	5320.000	91.03	-3.03	--	--	Peak	76.58	150	Vertical	N/A
5**	9243.533	41.81	15.23	--	--	AV	172.08	150	Vertical	N/A
5	9243.533	48.89	15.23	68.2	-19.31	Peak	172.08	150	Vertical	Pass
6**	16719.935	46.01	19.21	--	--	AV	4.26	150	Vertical	N/A
6	16719.935	53.59	19.21	68.2	-14.61	Peak	4.26	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.112	33.07	-14.76	54	-20.93	AV	195.25	150	Horizontal	Pass
1	1583.112	39.26	-14.76	74	-34.74	Peak	195.25	150	Horizontal	Pass
2**	2111.740	38.41	-11.46	--	--	AV	200.81	150	Horizontal	N/A
2	2111.740	43.87	-11.46	68.2	-24.33	Peak	200.81	150	Horizontal	Pass
3**	2460.328	38.84	-8.63	--	--	AV	108.61	150	Horizontal	N/A
3	2460.328	44.79	-8.63	68.2	-23.41	Peak	108.61	150	Horizontal	Pass
4**	5320.000	86.06	-3.03	--	--	AV	305.70	150	Horizontal	N/A
4	5320.000	90.11	-3.03	--	--	Peak	305.70	150	Horizontal	N/A
5**	9148.985	42.21	14.17	54	-11.79	AV	277.97	150	Horizontal	Pass
5	9148.985	49.30	14.17	74	-24.70	Peak	277.97	150	Horizontal	Pass
6**	12247.971	45.56	15.84	54	-8.45	AV	224.60	150	Horizontal	Pass
6	12247.971	52.77	15.84	74	-21.23	Peak	224.60	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1854.209	48.03	-13.03	68.2	-20.17	Peak	194.67	150	Vertical	Pass
2	2460.408	47.84	-8.88	68.2	-20.36	Peak	102.08	150	Vertical	Pass
3	3118.490	44.94	-8.84	68.2	-23.26	Peak	163.94	150	Vertical	Pass
4	5500.000	93.66	-2.95	--	--	Peak	64.37	150	Vertical	N/A
5	11300.060	50.54	14.76	74	-23.47	Peak	345.21	150	Vertical	Pass
6	16893.199	53.03	19.54	68.2	-15.17	Peak	109.61	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1909.652	43.14	-13.32	68.2	-25.06	Peak	245.72	150	Horizontal	Pass
2	2460.322	44.56	-8.36	68.2	-23.64	Peak	110.54	150	Horizontal	Pass
3	3167.032	42.90	-9.67	68.2	-25.30	Peak	204.09	150	Horizontal	Pass
4	5500.000	92.71	-2.95	--	--	Peak	328.72	150	Horizontal	N/A
5	12237.439	52.33	16.39	74	-21.67	Peak	308.19	150	Horizontal	Pass
6	17328.450	54.23	19.83	68.2	-13.97	Peak	64.31	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1854.500	49.02	-12.72	68.2	19.18	Peak	192.60	150	Vertical	Pass
2	2460.500	48.11	-8.07	68.2	20.09	Peak	99.20	150	Vertical	Pass
3	3119.000	45.15	-8.75	68.2	23.05	Peak	161.00	150	Vertical	Pass
4	5548.000	94.41	-3.09	--	--	Peak	61.70	150	Vertical	N/A
5	11301.000	50.95	15.57	74.0	23.05	Peak	342.50	150	Vertical	Pass
6	16893.563	53.62	20.18	68.2	14.58	Peak	106.80	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1910.000	43.82	-12.45	68.2	24.38	Peak	243.00	150	Horizontal	Pass
2	2460.500	44.85	-8.07	68.2	23.35	Peak	108.50	150	Horizontal	Pass
3	3168.000	43.60	-9.38	68.2	24.60	Peak	201.80	150	Horizontal	Pass
4	5553.000	93.06	-3.03	--	--	Peak	326.00	150	Horizontal	N/A
5	12238.250	52.44	16.78	74.0	21.56	Peak	305.60	150	Horizontal	Pass
6	17329.312	54.60	20.24	68.2	13.60	Peak	61.70	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1853.906	48.14	-13.17	68.2	-20.06	Peak	194.99	150	Vertical	Pass
2	2460.289	47.91	-9.05	68.2	-20.29	Peak	101.98	150	Vertical	Pass
3	3118.869	44.81	-8.77	68.2	-23.39	Peak	163.35	150	Vertical	Pass
4	5700.000	94.10	-2.35	--	--	Peak	64.31	150	Vertical	N/A
5	11300.142	50.88	14.80	74	-23.12	Peak	344.63	150	Vertical	Pass
6	16893.322	52.95	19.42	68.2	-15.25	Peak	108.84	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1909.208	43.32	-12.91	68.2	-24.88	Peak	245.19	150	Horizontal	Pass
2	2459.744	44.56	-8.89	68.2	-23.64	Peak	110.58	150	Horizontal	Pass
3	3167.200	42.96	-9.84	68.2	-25.24	Peak	204.55	150	Horizontal	Pass
4	5700.000	92.21	-2.35	--	--	Peak	328.86	150	Horizontal	N/A
5	12237.542	52.00	16.18	74	-22.00	Peak	308.51	150	Horizontal	Pass
6	17328.784	54.59	20.20	68.2	-13.61	Peak	63.86	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1330.612	34.32	-13.29	54	-19.68	AV	174.67	150	Vertical	Pass
1	1330.612	42.45	-13.29	74	-31.55	Peak	174.67	150	Vertical	Pass
2**	1887.611	38.07	-13.62	--	--	AV	200.27	150	Vertical	N/A
2	1887.611	48.80	-13.62	68.2	-19.40	Peak	200.27	150	Vertical	Pass
3**	2644.512	37.12	-6.86	--	--	AV	131.08	150	Vertical	N/A
3	2644.512	47.36	-6.86	68.2	-20.84	Peak	131.08	150	Vertical	Pass
4**	5745.000	87.95	-1.78	--	--	AV	49.32	150	Vertical	N/A
4	5745.000	93.49	-1.78	--	--	Peak	49.32	150	Vertical	N/A
5**	12371.229	45.24	16.49	54	-8.77	AV	119.94	150	Vertical	Pass
5	12371.229	52.36	16.49	74	-21.64	Peak	119.94	150	Vertical	Pass
6**	16571.893	47.45	19.64	--	--	AV	336.04	150	Vertical	N/A
6	16571.893	53.49	19.64	68.2	-14.71	Peak	336.04	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.514	32.39	-15.08	54	-21.61	AV	198.27	150	Horizontal	Pass
1	1583.514	39.37	-15.08	74	-34.63	Peak	198.27	150	Horizontal	Pass
2**	2111.558	40.29	-11.25	--	--	AV	203.80	150	Horizontal	N/A
2	2111.558	43.67	-11.25	68.2	-24.53	Peak	203.80	150	Horizontal	Pass
3**	3167.693	34.76	-9.94	--	--	AV	211.43	150	Horizontal	N/A
3	3167.693	41.16	-9.94	68.2	-27.04	Peak	211.43	150	Horizontal	Pass
4**	5745.000	88.72	-1.78	--	--	AV	333.93	150	Horizontal	N/A
4	5745.000	92.92	-1.78	--	--	Peak	333.93	150	Horizontal	N/A
5**	9869.860	43.52	15.83	--	--	AV	90.29	150	Horizontal	N/A
5	9869.860	50.09	15.83	68.2	-18.11	Peak	90.29	150	Horizontal	Pass
6**	16575.600	45.39	20.49	--	--	AV	348.83	150	Horizontal	N/A
6	16575.600	53.66	20.49	68.2	-14.54	Peak	348.83	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1331.500	34.5	-13.23	54.0	19.50	AV	172.60	150	Vertical	Pass
1	1331.500	43.08	-13.23	74.0	30.92	Peak	172.60	150	Vertical	Pass
2**	1888.000	38.4	-12.83	--	-38.40	AV	197.50	150	Vertical	N/A
2	1888.000	49.32	-12.83	68.2	18.88	Peak	197.50	150	Vertical	Pass
3**	2645.000	37.7	-5.98	--	-37.70	AV	128.30	150	Vertical	N/A
3	2645.000	48.15	-5.98	68.2	20.05	Peak	128.30	150	Vertical	Pass
4**	5783.000	88.8	-3.04	--	--	AV	46.70	150	Vertical	N/A
4	5783.000	93.57	-3.04	--	--	Peak	46.70	150	Vertical	N/A
5**	12371.937	45.9	17.09	54.0	8.10	AV	117.80	150	Vertical	Pass
5	12371.937	52.94	17.09	74.0	21.06	Peak	117.80	150	Vertical	Pass
6**	16572.000	48.3	20.61	--	-48.30	AV	333.20	150	Vertical	N/A
6	16572.000	54.30	20.61	68.2	13.90	Peak	333.20	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.000	32.8	-14.24	54.0	21.20	AV	196.10	150	Horizontal	Pass
1	1584.000	39.54	-14.24	74.0	34.46	Peak	196.10	150	Horizontal	Pass
2**	2112.500	40.3	-10.47	--	-40.30	AV	201.10	150	Horizontal	N/A
2	2112.500	44.64	-10.47	68.2	23.56	Peak	201.10	150	Horizontal	Pass
3**	3168.000	35.1	-9.38	--	-35.10	AV	209.10	150	Horizontal	N/A
3	3168.000	41.90	-9.38	68.2	26.30	Peak	209.10	150	Horizontal	Pass
4**	5784.000	89.2	-3.03	--	--	AV	331.50	150	Horizontal	N/A
4	5784.000	93.02	-3.03	--	--	Peak	331.50	150	Horizontal	N/A
5**	9870.687	43.7	15.97	--	-43.70	AV	87.30	150	Horizontal	N/A
5	9870.687	50.43	15.97	68.2	17.77	Peak	87.30	150	Horizontal	Pass
6**	16575.938	46.0	20.72	--	-46.00	AV	346.20	150	Horizontal	N/A
6	16575.938	53.73	20.72	68.2	14.47	Peak	346.20	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1330.789	34.41	-13.74	54	-19.59	AV	175.15	150	Vertical	Pass
1	1330.789	42.85	-13.74	74	-31.15	Peak	175.15	150	Vertical	Pass
2**	1887.354	38.02	-13.72	--	--	AV	200.28	150	Vertical	N/A
2	1887.354	48.92	-13.72	68.2	-19.28	Peak	200.28	150	Vertical	Pass
3**	2644.068	37.25	-6.79	--	--	AV	130.51	150	Vertical	N/A
3	2644.068	48.01	-6.79	68.2	-20.19	Peak	130.51	150	Vertical	Pass
4**	5825.000	88.46	-1.07	--	--	AV	49.03	150	Vertical	N/A
4	5825.000	93.17	-1.07	--	--	Peak	49.03	150	Vertical	N/A
5**	12371.023	45.64	16.84	54	-8.36	AV	120.75	150	Vertical	Pass
5	12371.023	52.51	16.84	74	-21.49	Peak	120.75	150	Vertical	Pass
6**	16571.654	47.95	19.74	--	--	AV	335.81	150	Vertical	N/A
6	16571.654	53.47	19.74	68.2	-14.73	Peak	335.81	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.668	32.15	-14.88	54	-21.85	AV	198.54	150	Horizontal	Pass
1	1583.668	39.26	-14.88	74	-34.74	Peak	198.54	150	Horizontal	Pass
2**	2112.245	40.02	-11.26	--	--	AV	203.64	150	Horizontal	N/A
2	2112.245	43.74	-11.26	68.2	-24.46	Peak	203.64	150	Horizontal	Pass
3**	3167.214	34.97	-9.77	--	--	AV	212.00	150	Horizontal	N/A
3	3167.214	41.20	-9.77	68.2	-27.01	Peak	212.00	150	Horizontal	Pass
4**	5825.000	88.57	-1.07	--	--	AV	333.55	150	Horizontal	N/A
4	5825.000	92.62	-1.07	--	--	Peak	333.55	150	Horizontal	N/A
5**	9870.473	42.86	15.10	--	--	AV	89.77	150	Horizontal	N/A
5	9870.473	49.86	15.10	68.2	-18.34	Peak	89.77	150	Horizontal	Pass
6**	16575.627	45.72	20.56	--	--	AV	349.16	150	Horizontal	N/A
6	16575.627	52.87	20.56	68.2	-15.33	Peak	349.16	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1257.854	32.27	-13.67	--	--	AV	177.36	150	Vertical	N/A
1	1257.854	42.12	-13.67	68.2	-26.08	Peak	177.36	150	Vertical	Pass
2**	1898.458	37.63	-13.36	--	--	AV	186.88	150	Vertical	N/A
2	1898.458	46.51	-13.36	68.2	-21.69	Peak	186.88	150	Vertical	Pass
3**	2460.091	39.91	-8.84	--	--	AV	95.05	150	Vertical	N/A
3	2460.091	47.03	-8.84	68.2	-21.17	Peak	95.05	150	Vertical	Pass
4**	5180.000	86.35	-4.07	--	--	AV	42.18	150	Vertical	N/A
4	5180.000	89.43	-4.07	--	--	Peak	42.18	150	Vertical	N/A
5**	9269.654	43.01	14.86	--	--	AV	45.86	150	Vertical	N/A
5	9269.654	49.44	14.86	68.2	-18.76	Peak	45.86	150	Vertical	Pass
6**	16577.696	46.32	20.18	--	--	AV	228.98	150	Vertical	N/A
6	16577.696	53.09	20.18	68.2	-15.11	Peak	228.98	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1912.722	31.79	-12.96	--	--	AV	272.09	150	Horizontal	N/A
1	1912.722	43.35	-12.96	68.2	-24.85	Peak	272.09	150	Horizontal	Pass
2**	2111.066	39.36	-11.44	--	--	AV	200.06	150	Horizontal	N/A
2	2111.066	44.23	-11.44	68.2	-23.97	Peak	200.06	150	Horizontal	Pass
3**	2460.196	37.71	-8.09	--	--	AV	136.62	150	Horizontal	N/A
3	2460.196	46.20	-8.09	68.2	-22.01	Peak	136.62	150	Horizontal	Pass
4**	5180.000	84.32	-4.07	--	--	AV	305.10	150	Horizontal	N/A
4	5180.000	90.03	-4.07	--	--	Peak	305.10	150	Horizontal	N/A
5**	9937.618	43.04	15.20	--	--	AV	264.54	150	Horizontal	N/A
5	9937.618	50.63	15.20	68.2	-17.57	Peak	264.54	150	Horizontal	Pass
6**	16716.249	47.75	20.08	--	--	AV	33.29	150	Horizontal	N/A
6	16716.249	53.01	20.08	68.2	-15.19	Peak	33.29	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1258.000	33.2	-13.16	--	-33.20	AV	174.60	150	Vertical	N/A
1	1258.000	42.47	-13.16	68.2	25.73	Peak	174.60	150	Vertical	Pass
2**	1899.000	38.5	-12.69	--	-38.50	AV	184.40	150	Vertical	N/A
2	1899.000	47.31	-12.69	68.2	20.89	Peak	184.40	150	Vertical	Pass
3**	2460.500	40.3	-8.07	--	-40.30	AV	92.80	150	Vertical	N/A
3	2460.500	47.27	-8.07	68.2	20.93	Peak	92.80	150	Vertical	Pass
4**	5299.000	86.5	-4.43	--	--	AV	40.00	150	Vertical	N/A
4	5299.000	90.05	-4.43	--	--	Peak	40.00	150	Vertical	N/A
5**	9269.812	43.3	15.12	--	-43.30	AV	43.00	150	Vertical	N/A
5	9269.812	49.90	15.12	68.2	18.30	Peak	43.00	150	Vertical	Pass
6**	16578.562	47.3	20.80	--	-47.30	AV	226.90	150	Vertical	N/A
6	16578.562	54.07	20.80	68.2	14.13	Peak	226.90	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1913.000	32.2	-12.81	--	-32.20	AV	269.40	150	Horizontal	N/A
1	1913.000	44.18	-12.81	68.2	24.02	Peak	269.40	150	Horizontal	Pass
2**	2112.000	39.4	-10.47	--	-39.40	AV	197.30	150	Horizontal	N/A
2	2112.000	44.77	-10.47	68.2	23.43	Peak	197.30	150	Horizontal	Pass
3**	2460.500	38.6	-8.07	--	-38.60	AV	133.70	150	Horizontal	N/A
3	2460.500	46.34	-8.07	68.2	21.86	Peak	133.70	150	Horizontal	Pass
4**	5297.000	85.3	-4.48	--	--	AV	302.50	150	Horizontal	N/A
4	5297.000	90.71	-4.48	--	--	Peak	302.50	150	Horizontal	N/A
5**	9938.250	43.6	16.02	--	-43.60	AV	262.10	150	Horizontal	N/A
5	9938.250	50.66	16.02	68.2	17.54	Peak	262.10	150	Horizontal	Pass
6**	16716.375	48.2	20.10	--	-48.20	AV	31.10	150	Horizontal	N/A
6	16716.375	53.84	20.10	68.2	14.36	Peak	31.10	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1257.119	32.41	-14.00	--	--	AV	176.68	150	Vertical	N/A
1	1257.119	42.10	-14.00	68.2	-26.10	Peak	176.68	150	Vertical	Pass
2**	1898.803	37.53	-13.55	--	--	AV	187.05	150	Vertical	N/A
2	1898.803	46.71	-13.55	68.2	-21.49	Peak	187.05	150	Vertical	Pass
3**	2460.301	39.98	-8.23	--	--	AV	94.93	150	Vertical	N/A
3	2460.301	47.01	-8.23	68.2	-21.19	Peak	94.93	150	Vertical	Pass
4**	5240.000	86.16	-3.67	--	--	AV	42.94	150	Vertical	N/A
4	5240.000	89.62	-3.67	--	--	Peak	42.94	150	Vertical	N/A
5**	9269.636	43.19	14.47	--	--	AV	45.67	150	Vertical	N/A
5	9269.636	49.78	14.47	68.2	-18.42	Peak	45.67	150	Vertical	Pass
6**	16577.709	46.68	20.66	--	--	AV	229.20	150	Vertical	N/A
6	16577.709	53.19	20.66	68.2	-15.02	Peak	229.20	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1912.421	32.06	-13.29	--	--	AV	271.45	150	Horizontal	N/A
1	1912.421	43.65	-13.29	68.2	-24.55	Peak	271.45	150	Horizontal	Pass
2**	2111.404	38.42	-11.25	--	--	AV	199.73	150	Horizontal	N/A
2	2111.404	44.34	-11.25	68.2	-23.86	Peak	199.73	150	Horizontal	Pass
3**	2459.641	38.38	-8.60	--	--	AV	136.34	150	Horizontal	N/A
3	2459.641	46.30	-8.60	68.2	-21.91	Peak	136.34	150	Horizontal	Pass
4**	5240.000	84.86	-3.67	--	--	AV	305.02	150	Horizontal	N/A
4	5240.000	90.24	-3.67	--	--	Peak	305.02	150	Horizontal	N/A
5**	9938.200	42.69	15.88	--	--	AV	264.31	150	Horizontal	N/A
5	9938.200	49.66	15.88	68.2	-18.54	Peak	264.31	150	Horizontal	Pass
6**	16715.601	47.98	19.23	--	--	AV	33.22	150	Horizontal	N/A
6	16715.601	53.71	19.23	68.2	-14.49	Peak	33.22	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1770.753	32.34	-13.56	--	--	AV	179.30	150	Vertical	N/A
1	1770.753	47.11	-13.56	68.2	-21.09	Peak	179.30	150	Vertical	Pass
2**	1910.109	43.22	-13.15	--	--	AV	188.97	150	Vertical	N/A
2	1910.109	51.73	-13.15	68.2	-16.47	Peak	188.97	150	Vertical	Pass
3**	2639.997	38.10	-6.12	--	--	AV	6.71	150	Vertical	N/A
3	2639.997	48.31	-6.12	68.2	-19.89	Peak	6.71	150	Vertical	Pass
4**	5260.000	84.93	-3.48	--	--	AV	70.52	150	Vertical	N/A
4	5260.000	89.85	-3.48	--	--	Peak	70.52	150	Vertical	N/A
5**	8278.462	42.84	13.33	54	-11.16	AV	189.76	150	Vertical	Pass
5	8278.462	48.29	13.33	74	-25.71	Peak	189.76	150	Vertical	Pass
6**	16915.678	47.14	20.23	--	--	AV	362.62	150	Vertical	N/A
6	16915.678	52.86	20.23	68.2	-15.34	Peak	362.62	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2111.125	39.06	-10.62	--	--	AV	202.24	150	Horizontal	N/A
1	2111.125	43.24	-10.62	68.2	-24.96	Peak	202.24	150	Horizontal	Pass
2**	2459.993	38.14	-8.88	--	--	AV	137.61	150	Horizontal	N/A
2	2459.993	45.33	-8.88	68.2	-22.87	Peak	137.61	150	Horizontal	Pass
3**	3167.124	34.90	-9.90	--	--	AV	194.16	150	Horizontal	N/A
3	3167.124	42.63	-9.90	68.2	-25.57	Peak	194.16	150	Horizontal	Pass
4**	5260.000	86.13	-3.48	--	--	AV	88.74	150	Horizontal	N/A
4	5260.000	89.45	-3.48	--	--	Peak	88.74	150	Horizontal	N/A
5**	10184.614	42.72	15.62	--	--	AV	2.88	150	Horizontal	N/A
5	10184.614	49.90	15.62	68.2	-18.30	Peak	2.88	150	Horizontal	Pass
6**	16616.247	48.44	20.77	--	--	AV	144.53	150	Horizontal	N/A
6	16616.247	53.35	20.77	68.2	-14.85	Peak	144.53	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1771.000	32.7	-13.22	--	-32.70	AV	176.60	150	Vertical	N/A
1	1771.000	47.86	-13.22	68.2	20.34	Peak	176.60	150	Vertical	Pass
2**	1911.000	43.4	-12.51	--	-43.40	AV	186.10	150	Vertical	N/A
2	1911.000	52.42	-12.51	68.2	15.78	Peak	186.10	150	Vertical	Pass
3**	2640.500	38.7	-6.12	--	-38.70	AV	4.50	150	Vertical	N/A
3	2640.500	49.24	-6.12	68.2	18.96	Peak	4.50	150	Vertical	Pass
4**	5298.000	85.9	-4.44	--	--	AV	68.50	150	Vertical	N/A
4	5298.000	90.47	-4.44	--	--	Peak	68.50	150	Vertical	N/A
5**	8279.375	43.6	14.00	54.0	10.40	AV	187.50	150	Vertical	Pass
5	8279.375	48.38	14.00	74.0	25.62	Peak	187.50	150	Vertical	Pass
6**	16915.875	47.8	20.42	--	-47.80	AV	360.00	150	Vertical	N/A
6	16915.875	53.58	20.42	68.2	14.62	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2112.000	39.5	-10.47	--	-39.50	AV	199.30	150	Horizontal	N/A
1	2112.000	43.64	-10.47	68.2	24.56	Peak	199.30	150	Horizontal	Pass
2**	2460.500	38.7	-8.07	--	-38.70	AV	135.30	150	Horizontal	N/A
2	2460.500	45.91	-8.07	68.2	22.29	Peak	135.30	150	Horizontal	Pass
3**	3168.000	35.5	-9.38	--	-35.50	AV	192.10	150	Horizontal	N/A
3	3168.000	43.21	-9.38	68.2	24.99	Peak	192.10	150	Horizontal	Pass
4**	5298.000	86.4	-4.44	--	--	AV	86.20	150	Horizontal	N/A
4	5298.000	90.43	-4.44	--	--	Peak	86.20	150	Horizontal	N/A
5**	10185.500	43.4	15.84	--	-43.40	AV	0.00	150	Horizontal	N/A
5	10185.500	50.61	15.84	68.2	17.59	Peak	0.00	150	Horizontal	Pass
6**	16616.625	48.8	20.98	--	-48.80	AV	142.20	150	Horizontal	N/A
6	16616.625	53.85	20.98	68.2	14.35	Peak	142.20	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1770.697	31.74	-13.32	--	--	AV	179.16	150	Vertical	N/A
1	1770.697	47.69	-13.32	68.2	-20.51	Peak	179.16	150	Vertical	Pass
2**	1910.922	42.88	-13.51	--	--	AV	188.87	150	Vertical	N/A
2	1910.922	51.65	-13.51	68.2	-16.55	Peak	188.87	150	Vertical	Pass
3**	2639.724	38.33	-6.45	--	--	AV	6.55	150	Vertical	N/A
3	2639.724	48.25	-6.45	68.2	-19.95	Peak	6.55	150	Vertical	Pass
4**	5297.367	85.68	-4.85	--	--	AV	71.41	150	Vertical	N/A
4	5320.000	90.46	-3.03	--	--	Peak	71.41	150	Vertical	N/A
5**	5320.000	42.69	-3.03	54	-11.31	AV	189.61	150	Vertical	Pass
5	8278.821	48.24	13.87	74	-25.76	Peak	189.61	150	Vertical	Pass
6**	16915.461	47.11	19.96	--	--	AV	362.93	150	Vertical	N/A
6	16915.461	52.61	19.96	68.2	-15.60	Peak	362.93	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2111.377	39.03	-11.39	--	--	AV	201.49	150	Horizontal	N/A
1	2111.377	43.01	-11.39	68.2	-25.19	Peak	201.49	150	Horizontal	Pass
2**	2459.907	38.11	-8.17	--	--	AV	137.41	150	Horizontal	N/A
2	2459.907	45.33	-8.17	68.2	-22.87	Peak	137.41	150	Horizontal	Pass
3**	3167.056	34.60	-9.51	--	--	AV	194.95	150	Horizontal	N/A
3	3167.056	42.93	-9.51	68.2	-25.27	Peak	194.95	150	Horizontal	Pass
4**	5320.000	85.53	-3.03	--	--	AV	89.00	150	Horizontal	N/A
4	5320.000	89.61	-3.03	--	--	Peak	89.00	150	Horizontal	N/A
5**	10184.890	43.01	15.23	--	--	AV	2.93	150	Horizontal	N/A
5	10184.890	50.07	15.23	68.2	-18.13	Peak	2.93	150	Horizontal	Pass
6**	16615.793	48.55	20.15	--	--	AV	144.28	150	Horizontal	N/A
6	16615.793	53.04	20.15	68.2	-15.16	Peak	144.28	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1260.222	41.46	-14.04	68.2	-26.74	Peak	154.84	150	Vertical	Pass
2	1924.093	48.35	-13.17	68.2	-19.85	Peak	262.16	150	Vertical	Pass
3	2460.491	47.49	-9.06	68.2	-20.71	Peak	150.79	150	Vertical	Pass
4	5500.000	94.42	-2.95	--	--	Peak	65.51	150	Vertical	N/A
5	12368.839	51.82	16.14	74	-22.18	Peak	281.98	150	Vertical	Pass
6	17959.030	55.30	21.74	74	-18.70	Peak	53.59	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1583.498	40.99	-14.36	74	-33.02	Peak	196.12	150	Horizontal	Pass
2	1909.364	44.49	-13.11	68.2	-23.71	Peak	236.89	150	Horizontal	Pass
3	2649.366	45.49	-6.14	68.2	-22.71	Peak	218.54	150	Horizontal	Pass
4	5500.000	92.49	-2.95	--	--	Peak	308.08	150	Horizontal	N/A
5	12412.866	52.61	16.01	74	-21.39	Peak	287.24	150	Horizontal	Pass
6	16531.675	52.70	19.78	68.2	-15.50	Peak	216.86	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1260.500	41.83	-13.10	68.2	26.37	Peak	152.60	150	Vertical	Pass
2	1924.500	48.73	-12.34	68.2	19.47	Peak	259.20	150	Vertical	Pass
3	2460.500	47.52	-8.07	68.2	20.68	Peak	98.60	150	Vertical	Pass
4	5548.000	94.43	-3.09	--	--	Peak	63.00	150	Vertical	N/A
5	12369.063	51.97	17.08	74.0	22.03	Peak	279.70	150	Vertical	Pass
6	17959.313	55.49	22.72	74.0	18.51	Peak	51.30	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1584.000	41.03	-14.24	74.0	32.97	Peak	193.50	150	Horizontal	Pass
2	1910.000	44.76	-12.45	68.2	23.44	Peak	234.10	150	Horizontal	Pass
3	2649.500	46.41	-6.11	68.2	21.79	Peak	215.60	150	Horizontal	Pass
4	5548.000	92.53	-3.09	--	--	Peak	305.40	150	Horizontal	N/A
5	12413.625	52.98	16.92	74.0	21.02	Peak	284.90	150	Horizontal	Pass
6	16532.625	53.70	20.22	68.2	14.50	Peak	213.90	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1260.134	41.21	-13.16	68.2	-26.99	Peak	154.85	150	Vertical	Pass
2	1924.450	48.29	-13.30	68.2	-19.91	Peak	261.71	150	Vertical	Pass
3	2460.445	46.61	-8.18	68.2	-21.59	Peak	101.15	150	Vertical	Pass
4		94.37		--	--	Peak	65.69	150	Vertical	N/A
5	12368.968	51.32	16.57	74	-22.68	Peak	282.39	150	Vertical	Pass
6	17958.552	55.06	22.58	74	-18.94	Peak	53.54	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1583.591	40.25	-14.83	74	-33.75	Peak	196.04	150	Horizontal	Pass
2	1909.917	44.20	-12.98	68.2	-24.00	Peak	236.41	150	Horizontal	Pass
3	2649.329	46.33	-6.56	68.2	-21.87	Peak	218.52	150	Horizontal	Pass
4	5700.000	92.41	-2.35	--	--	Peak	307.46	150	Horizontal	N/A
5	12413.128	52.36	15.93	74	-21.64	Peak	287.66	150	Horizontal	Pass
6	16531.981	53.63	20.04	68.2	-14.57	Peak	216.41	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1334.854	31.09	-13.72	54	-22.91	AV	169.21	150	Vertical	Pass
1	1334.854	40.90	-13.72	74	-33.11	Peak	169.21	150	Vertical	Pass
2**	1891.597	39.28	-13.05	--	--	AV	264.32	150	Vertical	N/A
2	1891.597	49.75	-13.05	68.2	-18.45	Peak	264.32	150	Vertical	Pass
3**	2459.657	40.03	-8.35	--	--	AV	102.49	150	Vertical	N/A
3	2459.657	46.33	-8.35	68.2	-21.88	Peak	102.49	150	Vertical	Pass
4**	3118.146	40.74	-9.20	--	--	AV	144.15	150	Vertical	N/A
4	3118.146	43.63	-9.20	68.2	-24.58	Peak	144.15	150	Vertical	Pass
5**	5745.000	88.66	-1.78	--	--	AV	355.86	150	Vertical	N/A
5	5745.000	92.22	-1.78	--	--	Peak	355.86	150	Vertical	N/A
6**	12074.852	45.80	15.96	54	-8.20	AV	123.92	150	Vertical	Pass
6	12074.852	51.95	15.96	74	-22.05	Peak	123.92	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1904.969	36.84	-13.39	--	--	AV	276.90	150	Horizontal	N/A
1	1904.969	43.40	-13.39	68.2	-24.80	Peak	276.90	150	Horizontal	Pass
2**	2111.401	38.43	-10.53	--	--	AV	121.86	150	Horizontal	N/A
2	2111.401	43.09	-10.53	68.2	-25.11	Peak	121.86	150	Horizontal	Pass
3**	2778.349	37.15	-6.08	54	-16.85	AV	208.67	150	Horizontal	Pass
3	2778.349	45.07	-6.08	74	-28.93	Peak	208.67	150	Horizontal	Pass
4**	5745.000	88.57	-1.78	--	--	AV	6.97	150	Horizontal	N/A
4	5745.000	92.14	-1.78	--	--	Peak	6.97	150	Horizontal	N/A
5**	8239.013	41.61	13.93	54	-12.39	AV	178.23	150	Horizontal	Pass
5	8239.013	47.77	13.93	74	-26.23	Peak	178.23	150	Horizontal	Pass
6**	15653.941	45.62	18.94	54	-8.39	AV	248.07	150	Horizontal	Pass
6	15653.941	51.86	18.94	74	-22.14	Peak	248.07	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1335.000	31.2	-13.10	54.0	22.80	AV	167.20	150	Vertical	Pass
1	1335.000	41.10	-13.10	74.0	32.90	Peak	167.20	150	Vertical	Pass
2**	1892.000	39.5	-12.95	--	-39.50	AV	261.60	150	Vertical	N/A
2	1892.000	50.60	-12.95	68.2	17.60	Peak	261.60	150	Vertical	Pass
3**	2460.500	40.2	-8.07	--	-40.20	AV	99.80	150	Vertical	N/A
3	2460.500	46.63	-8.07	68.2	21.57	Peak	99.80	150	Vertical	Pass
4**	3119.000	41.4	-8.75	--	-41.40	AV	141.90	150	Vertical	N/A
4	3119.000	43.99	-8.75	68.2	24.21	Peak	141.90	150	Vertical	Pass
5**	5783.000	89.6	-3.04	--	--	AV	352.90	150	Vertical	N/A
5	5783.000	92.81	-3.04	--	--	Peak	352.90	150	Vertical	N/A
6**	12075.813	46.0	15.97	54.0	8.00	AV	121.20	150	Vertical	Pass
6	12075.813	52.54	15.97	74.0	21.46	Peak	121.20	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1905.500	37.5	-12.73	--	-37.50	AV	274.60	150	Horizontal	N/A
1	1905.500	43.55	-12.73	68.2	24.65	Peak	274.60	150	Horizontal	Pass
2**	2112.000	39.2	-10.47	--	-39.20	AV	119.20	150	Horizontal	N/A
2	2112.000	43.67	-10.47	68.2	24.53	Peak	119.20	150	Horizontal	Pass
3**	2779.000	37.5	-6.07	54.0	16.50	AV	206.20	150	Horizontal	Pass
3	2779.000	45.12	-6.07	74.0	28.88	Peak	206.20	150	Horizontal	Pass
4**	5778.000	88.7	-2.88	--	--	AV	4.40	150	Horizontal	N/A
4	5778.000	92.88	-2.88	--	--	Peak	4.40	150	Horizontal	N/A
5**	8239.125	42.1	14.16	54.0	11.90	AV	176.20	150	Horizontal	Pass
5	8239.125	48.36	14.16	74.0	25.64	Peak	176.20	150	Horizontal	Pass
6**	15654.563	46.6	19.60	54.0	7.40	AV	245.70	150	Horizontal	Pass
6	15654.563	52.35	19.60	74.0	21.65	Peak	245.70	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1334.508	30.66	-13.26	54	-23.34	AV	169.46	150	Vertical	Pass
1	1334.508	40.12	-13.26	74	-33.88	Peak	169.46	150	Vertical	Pass
2**	1891.423	39.39	-13.18	--	--	AV	264.20	150	Vertical	N/A
2	1891.423	49.94	-13.18	68.2	-18.27	Peak	264.20	150	Vertical	Pass
3**	2459.532	39.88	-8.13	--	--	AV	102.15	150	Vertical	N/A
3	2459.532	46.33	-8.13	68.2	-21.87	Peak	102.15	150	Vertical	Pass
4**	3118.720	41.04	-9.19	--	--	AV	144.47	150	Vertical	N/A
4	3118.720	43.12	-9.19	68.2	-25.08	Peak	144.47	150	Vertical	Pass
5**	5825.000	89.07	-1.07	--	--	AV	355.88	150	Vertical	N/A
5	5825.000	92.19	-1.07	--	--	Peak	355.88	150	Vertical	N/A
6**	12075.338	45.21	15.23	54	-8.79	AV	123.21	150	Vertical	Pass
6	12075.338	52.30	15.23	74	-21.70	Peak	123.21	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1904.582	37.06	-13.38	--	--	AV	276.60	150	Horizontal	N/A
1	1904.582	42.75	-13.38	68.2	-25.45	Peak	276.60	150	Horizontal	Pass
2**	2111.484	38.96	-11.12	--	--	AV	121.62	150	Horizontal	N/A
2	2111.484	43.30	-11.12	68.2	-24.90	Peak	121.62	150	Horizontal	Pass
3**	2778.162	36.94	-6.24	54	-17.06	AV	208.45	150	Horizontal	Pass
3	2778.162	44.74	-6.24	74	-29.26	Peak	208.45	150	Horizontal	Pass
4**	5825.000	88.64	-1.07	--	--	AV	7.17	150	Horizontal	N/A
4	5825.000	92.34	-1.07	--	--	Peak	7.17	150	Horizontal	N/A
5**	8238.393	41.88	13.69	54	-12.12	AV	179.18	150	Horizontal	Pass
5	8238.393	48.31	13.69	74	-25.69	Peak	179.18	150	Horizontal	Pass
6**	15654.266	45.72	18.64	54	-8.28	AV	248.38	150	Horizontal	Pass
6	15654.266	51.66	18.64	74	-22.34	Peak	248.38	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1827.025	33.93	-15.33	--	--	AV	194.31	150	Vertical	N/A
1	1827.025	55.54	-15.33	68.2	-12.66	Peak	194.31	150	Vertical	Pass
2**	3117.348	36.83	-7.94	--	--	AV	204.77	150	Vertical	N/A
2	3117.348	45.58	-7.94	68.2	-22.62	Peak	204.77	150	Vertical	Pass
3**	5190.000	85.95	-3.92	--	--	AV	87.05	150	Vertical	N/A
3	5190.000	91.05	-3.92	--	--	Peak	87.05	150	Vertical	N/A
4**	6496.329	44.14	2.03	--	--	AV	355.43	150	Vertical	N/A
4	6496.329	51.21	2.03	68.2	-16.99	Peak	355.43	150	Vertical	Pass
5**	10516.649	42.91	17.94	--	--	AV	2.41	150	Vertical	N/A
5	10516.649	51.10	17.94	68.2	-17.10	Peak	2.41	150	Vertical	Pass
6**	14839.127	51.00	26.16	--	--	AV	296.57	150	Vertical	N/A
6	14839.127	56.19	26.16	68.2	-12.02	Peak	296.57	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1845.785	34.33	-14.34	--	--	AV	259.07	150	Horizontal	N/A
1	1845.785	44.87	-14.34	68.2	-23.33	Peak	259.07	150	Horizontal	Pass
2**	2639.319	36.17	-11.04	--	--	AV	291.50	150	Horizontal	N/A
2	2639.319	43.98	-11.04	68.2	-24.22	Peak	291.50	150	Horizontal	Pass
3**	5190.000	87.78	-3.92	--	--	AV	132.04	150	Horizontal	N/A
3	5190.000	91.40	-3.92	--	--	Peak	132.04	150	Horizontal	N/A
4**	7546.922	42.55	17.02	54	-11.45	AV	361.31	150	Horizontal	Pass
4	7546.922	50.96	17.02	74	-23.04	Peak	361.31	150	Horizontal	Pass
5**	11914.332	45.29	19.64	54	-8.71	AV	272.13	150	Horizontal	Pass
5	11914.332	53.73	19.64	74	-20.28	Peak	272.13	150	Horizontal	Pass
6**	15637.274	48.67	26.39	54	-5.33	AV	362.43	150	Horizontal	Pass
6	15637.274	56.99	26.39	74	-17.01	Peak	362.43	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1828.000	34.09	-14.38	--	34.09	AV	192.00	150	Vertical	N/A
1	1828.000	55.65	-14.38	68.2	-12.55	Peak	192.00	150	Vertical	Pass
2**	3118.000	36.93	-7.37	--	36.93	AV	202.00	150	Vertical	N/A
2	3118.000	45.80	-7.37	68.2	-22.40	Peak	202.00	150	Vertical	Pass
3**	5243.000	86.73	-0.90	--	--	AV	85.00	150	Vertical	N/A
3	5243.000	91.20	-0.90	--	--	Peak	85.00	150	Vertical	N/A
4**	6497.000	45.10	2.19	--	45.10	AV	353.00	150	Vertical	N/A
4	6497.000	51.96	2.19	68.2	-16.24	Peak	353.00	150	Vertical	Pass
5**	10517.562	43.82	18.04	--	43.82	AV	0.00	150	Vertical	N/A
5	10517.562	51.77	18.04	68.2	-16.43	Peak	0.00	150	Vertical	Pass
6**	14839.500	51.31	26.78	--	51.31	AV	294.00	150	Vertical	N/A
6	14839.500	56.69	26.78	68.2	-11.51	Peak	294.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1846.500	34.74	-14.13	--	34.74	AV	257.00	150	Horizontal	N/A
1	1846.500	45.78	-14.13	68.2	-22.42	Peak	257.00	150	Horizontal	Pass
2**	2640.000	36.65	-10.12	--	36.65	AV	289.00	150	Horizontal	N/A
2	2640.000	44.66	-10.12	68.2	-23.54	Peak	289.00	150	Horizontal	Pass
3**	5234.000	87.89	-0.96	--	--	AV	130.00	150	Horizontal	N/A
3	5234.000	92.00	-0.96	--	--	Peak	130.00	150	Horizontal	N/A
4**	7547.687	42.87	17.16	54.0	-11.13	AV	359.00	150	Horizontal	Pass
4	7547.687	51.79	17.16	74.0	-22.21	Peak	359.00	150	Horizontal	Pass
5**	11914.812	46.24	20.18	54.0	-7.76	AV	270.00	150	Horizontal	Pass
5	11914.812	54.50	20.18	74.0	-19.50	Peak	270.00	150	Horizontal	Pass
6**	15637.500	49.36	27.10	54.0	-4.64	AV	360.00	150	Horizontal	Pass
6	15637.500	57.47	27.10	74.0	-16.53	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1827.393	33.69	-14.52	--	--	AV	194.72	150	Vertical	N/A
1	1827.393	55.39	-14.52	68.2	-12.81	Peak	194.72	150	Vertical	Pass
2**	3117.676	36.13	-7.54	--	--	AV	204.14	150	Vertical	N/A
2	3117.676	45.55	-7.54	68.2	-22.65	Peak	204.14	150	Vertical	Pass
3**	5270.000	86.72	-3.41	--	--	AV	87.95	150	Vertical	N/A
3	5270.000	90.91	-3.41	--	--	Peak	87.95	150	Vertical	N/A
4**	6496.279	45.09	1.68	--	--	AV	355.35	150	Vertical	N/A
4	6496.279	51.77	1.68	68.2	-16.43	Peak	355.35	150	Vertical	Pass
5**	10517.530	43.57	17.77	--	--	AV	2.17	150	Vertical	N/A
5	10517.530	51.00	17.77	68.2	-17.20	Peak	2.17	150	Vertical	Pass
6**	14839.156	50.36	26.28	--	--	AV	296.50	150	Vertical	N/A
6	14839.156	56.25	26.28	68.2	-11.95	Peak	296.50	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1845.684	34.70	-14.52	--	--	AV	259.72	150	Horizontal	N/A
1	1845.684	44.91	-14.52	68.2	-23.29	Peak	259.72	150	Horizontal	Pass
2**	2639.580	36.60	-10.22	--	--	AV	291.95	150	Horizontal	N/A
2	2639.580	44.03	-10.22	68.2	-24.17	Peak	291.95	150	Horizontal	Pass
3**	5270.000	87.36	-3.41	--	--	AV	132.59	150	Horizontal	N/A
3	5270.000	91.22	-3.41	--	--	Peak	132.59	150	Horizontal	N/A
4**	7546.850	42.54	16.78	54	-11.46	AV	361.32	150	Horizontal	Pass
4	7546.850	51.56	16.78	74	-22.44	Peak	361.32	150	Horizontal	Pass
5**	11914.269	45.39	19.25	54	-8.61	AV	272.82	150	Horizontal	Pass
5	11914.269	54.05	19.25	74	-19.96	Peak	272.82	150	Horizontal	Pass
6**	15636.770	48.61	26.29	54	-5.39	AV	362.26	150	Horizontal	Pass
6	15636.770	57.26	26.29	74	-16.74	Peak	362.26	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1827.224	33.31	-15.07	--	--	AV	194.32	150	Vertical	N/A
1	1827.224	54.98	-15.07	68.2	-13.22	Peak	194.32	150	Vertical	Pass
2**	3117.005	35.97	-8.22	--	--	AV	204.27	150	Vertical	N/A
2	3117.005	45.10	-8.22	68.2	-23.10	Peak	204.27	150	Vertical	Pass
3**	5310.000	86.71	-3.08	--	--	AV	87.76	150	Vertical	N/A
3	5310.000	90.78	-3.08	--	--	Peak	87.76	150	Vertical	N/A
4**	6496.364	44.56	1.58	--	--	AV	355.42	150	Vertical	N/A
4	6496.364	50.96	1.58	68.2	-17.24	Peak	355.42	150	Vertical	Pass
5**	10517.093	43.11	17.67	--	--	AV	2.83	150	Vertical	N/A
5	10517.093	51.42	17.67	68.2	-16.79	Peak	2.83	150	Vertical	Pass
6**	14839.422	50.42	26.40	--	--	AV	296.25	150	Vertical	N/A
6	14839.422	56.57	26.40	68.2	-11.63	Peak	296.25	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1846.238	34.65	-15.08	--	--	AV	259.38	150	Horizontal	N/A
1	1846.238	45.46	-15.08	68.2	-22.74	Peak	259.38	150	Horizontal	Pass
2**	2639.176	35.80	-10.86	--	--	AV	291.96	150	Horizontal	N/A
2	2639.176	44.34	-10.86	68.2	-23.86	Peak	291.96	150	Horizontal	Pass
3**	5310.000	87.55	-3.08	--	--	AV	132.62	150	Horizontal	N/A
3	5310.000	91.99	-3.08	--	--	Peak	132.62	150	Horizontal	N/A
4**	7547.168	41.99	17.00	54	-12.01	AV	361.79	150	Horizontal	Pass
4	7547.168	51.28	17.00	74	-22.72	Peak	361.79	150	Horizontal	Pass
5**	11914.506	45.35	20.12	54	-8.65	AV	272.63	150	Horizontal	Pass
5	11914.506	53.73	20.12	74	-20.27	Peak	272.63	150	Horizontal	Pass
6**	15637.074	49.30	26.20	54	-4.70	AV	362.15	150	Horizontal	Pass
6	15637.074	56.58	26.20	74	-17.42	Peak	362.15	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1920.368	51.78	-14.00	68.2	-16.42	Peak	225.88	150	Vertical	Pass
2	3117.449	43.62	-8.36	68.2	-24.58	Peak	208.29	150	Vertical	Pass
3	5510.000	92.84	-2.87	--	--	Peak	105.28	150	Vertical	N/A
4	6459.483	51.33	1.93	68.2	-16.87	Peak	173.83	150	Vertical	Pass
5	9913.535	51.60	17.46	68.2	-16.60	Peak	327.16	150	Vertical	Pass
6	14820.308	56.46	26.76	68.2	-11.74	Peak	290.35	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1822.903	44.87	-15.00	68.2	-23.33	Peak	257.48	150	Horizontal	Pass
2	2459.975	44.78	-11.56	68.2	-23.42	Peak	149.79	150	Horizontal	Pass
3	5510.000	92.19	-2.87	--	--	Peak	49.89	150	Horizontal	N/A
4	6535.185	50.31	2.14	68.2	-17.89	Peak	328.60	150	Horizontal	Pass
5	10916.531	52.34	17.59	74	-21.66	Peak	33.62	150	Horizontal	Pass
6	14818.367	56.39	25.92	68.2	-11.81	Peak	324.15	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1920.500	51.93	-13.93	68.2	-16.27	Peak	223.00	150	Vertical	Pass
2	3118.000	44.58	-7.37	68.2	-23.62	Peak	206.00	150	Vertical	Pass
3	5603.000	93.62	-0.19	--	--	Peak	103.00	150	Vertical	N/A
4	6460.000	51.86	2.48	68.2	-16.34	Peak	171.00	150	Vertical	Pass
5	9913.813	52.46	17.94	68.2	-15.74	Peak	325.00	150	Vertical	Pass
6	14821.125	57.41	26.83	68.2	-10.79	Peak	288.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1823.500	45.74	-14.43	68.2	-22.46	Peak	255.00	150	Horizontal	Pass
2	2460.500	45.01	-10.62	68.2	-23.19	Peak	147.00	150	Horizontal	Pass
3	5603.000	92.68	-0.19	--	--	Peak	47.00	150	Horizontal	N/A
4	6536.000	51.27	2.46	68.2	-16.93	Peak	326.00	150	Horizontal	Pass
5	10917.188	52.89	18.30	74.0	-21.11	Peak	31.00	150	Horizontal	Pass
6	14818.500	56.80	26.76	68.2	-11.40	Peak	322.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1920.060	51.89	-14.15	68.2	-16.31	Peak	225.50	150	Vertical	Pass
2	3117.215	44.10	-7.51	68.2	-24.10	Peak	208.70	150	Vertical	Pass
3	5670.000	92.80	-2.42	--	--	Peak	105.90	150	Vertical	N/A
4	6459.583	51.49	2.01	68.2	-16.71	Peak	173.49	150	Vertical	Pass
5	9913.150	52.35	17.36	68.2	-15.85	Peak	327.10	150	Vertical	Pass
6	14820.481	56.91	26.81	68.2	-11.29	Peak	290.50	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1823.096	44.88	-15.36	68.2	-23.33	Peak	257.20	150	Horizontal	Pass
2	2459.812	44.20	-11.62	68.2	-24.00	Peak	149.83	150	Horizontal	Pass
3	5670.000	92.14	-2.42	--	--	Peak	49.87	150	Horizontal	N/A
4	6535.781	50.98	2.13	68.2	-17.22	Peak	328.92	150	Horizontal	Pass
5	10916.986	52.31	18.05	74	-21.69	Peak	33.74	150	Horizontal	Pass
6	14817.935	55.86	26.45	68.2	-12.34	Peak	324.48	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1826.500	44.49	-14.45	--	44.49	AV	176.00	150	Vertical	N/A
1	1826.500	49.88	-14.45	68.2	-18.32	Peak	176.00	150	Vertical	Pass
2**	2460.500	43.13	-10.62	--	43.13	AV	130.00	150	Vertical	N/A
2	2460.500	45.14	-10.62	68.2	-23.06	Peak	130.00	150	Vertical	Pass
3**	5760.000	89.93	-0.11	--	--	AV	83.00	150	Vertical	N/A
3	5760.000	92.88	-0.11	--	--	Peak	83.00	150	Vertical	N/A
4**	6642.000	45.53	3.02	--	--	AV	207.00	150	Vertical	N/A
4	6642.000	50.81	3.02	68.2	-17.39	Peak	207.00	150	Vertical	Pass
5**	11515.187	45.91	19.65	54.0	-8.09	AV	289.00	150	Vertical	Pass
5	11515.187	53.91	19.65	74.0	-20.09	Peak	289.00	150	Vertical	Pass
6**	14831.625	52.23	26.80	--	52.23	AV	22.00	150	Vertical	N/A
6	14831.625	57.06	26.80	68.2	-11.14	Peak	22.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1942.500	35.94	-13.25	--	35.94	AV	306.00	150	Horizontal	N/A
1	1942.500	46.38	-13.25	68.2	-21.82	Peak	306.00	150	Horizontal	Pass
2**	2460.000	42.80	-10.63	--	42.80	AV	149.00	150	Horizontal	N/A
2	2460.000	44.26	-10.63	68.2	-23.94	Peak	149.00	150	Horizontal	Pass
3**	5770.000	87.90	-0.13	--	--	AV	152.00	150	Horizontal	N/A
3	5770.000	93.04	-0.13	--	--	Peak	152.00	150	Horizontal	N/A
4**	6973.000	46.78	4.39	--	--	AV	331.00	150	Horizontal	N/A
4	6973.000	51.71	4.39	68.2	-16.49	Peak	331.00	150	Horizontal	Pass
5**	10480.187	45.77	17.95	--	45.77	AV	88.00	150	Horizontal	N/A
5	10480.187	52.34	17.95	68.2	-15.86	Peak	88.00	150	Horizontal	Pass
6**	14865.750	50.68	26.96	--	--	AV	160.00	150	Horizontal	N/A
6	14865.750	58.24	26.96	68.2	-9.96	Peak	160.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1825.588	44.24	-14.60	--	--	AV	178.26	150	Vertical	N/A
1	1825.588	49.49	-14.60	68.2	-18.71	Peak	178.26	150	Vertical	Pass
2**	2460.291	42.92	-11.48	--	--	AV	132.88	150	Vertical	N/A
2	2460.291	44.38	-11.48	68.2	-23.83	Peak	132.88	150	Vertical	Pass
3**	5795.000	89.55	-1.29	--	--	AV	85.79	150	Vertical	N/A
3	5795.000	91.88	-1.29	--	--	Peak	85.79	150	Vertical	N/A
4**	6641.653	44.78	2.59	--	--	AV	209.19	150	Vertical	N/A
4	6641.653	49.95	2.59	68.2	-18.25	Peak	209.19	150	Vertical	Pass
5**	11514.526	45.87	18.76	54	-8.13	AV	291.82	150	Vertical	Pass
5	11514.526	53.74	18.76	74	-20.26	Peak	291.82	150	Vertical	Pass
6**	14830.721	51.91	26.29	--	--	AV	24.74	150	Vertical	N/A
6	14830.721	56.25	26.29	68.2	-11.95	Peak	24.74	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1941.899	35.81	-13.85	--	--	AV	308.59	150	Horizontal	N/A
1	1941.899	46.17	-13.85	68.2	-22.03	Peak	308.59	150	Horizontal	Pass
2**	2459.084	42.41	-10.77	--	--	AV	151.98	150	Horizontal	N/A
2	2459.084	43.65	-10.77	68.2	-24.55	Peak	151.98	150	Horizontal	Pass
3**	5795.000	87.46	-1.29	--	--	AV	154.15	150	Horizontal	N/A
3	5795.000	92.99	-1.29	--	--	Peak	154.15	150	Horizontal	N/A
4**	6972.365	46.75	4.27	--	--	AV	333.13	150	Horizontal	N/A
4	6972.365	51.01	4.27	68.2	-17.19	Peak	333.13	150	Horizontal	Pass
5**	10479.346	45.16	17.28	--	--	AV	90.11	150	Horizontal	N/A
5	10479.346	51.90	17.28	68.2	-16.30	Peak	90.11	150	Horizontal	Pass
6**	14864.790	50.55	26.55	--	--	AV	162.45	150	Horizontal	N/A
6	14864.790	57.29	26.55	68.2	-10.91	Peak	162.45	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1333.327	30.66	-13.92	54	-23.34	AV	159.24	150	Vertical	Pass
1	1333.327	42.80	-13.92	74	-31.20	Peak	159.24	150	Vertical	Pass
2**	1909.083	36.29	-12.70	--	--	AV	143.71	150	Vertical	N/A
2	1909.083	50.85	-12.70	68.2	-17.35	Peak	143.71	150	Vertical	Pass
3**	2459.666	40.38	-8.68	--	--	AV	110.42	150	Vertical	N/A
3	2459.666	46.46	-8.68	68.2	-21.74	Peak	110.42	150	Vertical	Pass
4**	5180.000	89.11	-4.07	--	--	AV	6.55	150	Vertical	N/A
4	5180.000	95.23	-4.07	--	--	Peak	6.55	150	Vertical	N/A
5**	11501.311	43.46	14.63	54	-10.54	AV	290.76	150	Vertical	Pass
5	11501.311	50.37	14.63	74	-23.64	Peak	290.76	150	Vertical	Pass
6**	16620.311	46.82	20.83	--	--	AV	24.09	150	Vertical	N/A
6	16620.311	53.73	20.83	68.2	-14.47	Peak	24.09	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.553	33.27	-15.02	54	-20.73	AV	206.22	150	Horizontal	Pass
1	1583.553	38.62	-15.02	74	-35.38	Peak	206.22	150	Horizontal	Pass
2**	2111.502	38.39	-10.71	--	--	AV	124.49	150	Horizontal	N/A
2	2111.502	43.56	-10.71	68.2	-24.64	Peak	124.49	150	Horizontal	Pass
3**	2460.156	37.75	-8.51	--	--	AV	138.53	150	Horizontal	N/A
3	2460.156	46.28	-8.51	68.2	-21.92	Peak	138.53	150	Horizontal	Pass
4**	5180.000	89.91	-4.07	--	--	AV	87.79	150	Horizontal	N/A
4	5180.000	93.54	-4.07	--	--	Peak	87.79	150	Horizontal	N/A
5**	12545.579	46.42	16.57	54	-7.58	AV	165.21	150	Horizontal	Pass
5	12545.579	52.11	16.57	74	-21.89	Peak	165.21	150	Horizontal	Pass
6**	16635.348	47.73	19.84	--	--	AV	63.12	150	Horizontal	N/A
6	16635.348	53.57	19.84	68.2	-14.63	Peak	63.12	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1333.500	31.2	-13.22	54.0	22.80	AV	156.40	150	Vertical	Pass
1	1333.500	43.74	-13.22	74.0	30.26	Peak	156.40	150	Vertical	Pass
2**	1910.000	37.2	-12.45	--	-37.20	AV	141.70	150	Vertical	N/A
2	1910.000	50.86	-12.45	68.2	17.34	Peak	141.70	150	Vertical	Pass
3**	2460.500	41.2	-8.07	--	-41.20	AV	107.60	150	Vertical	N/A
3	2460.500	46.59	-8.07	68.2	21.61	Peak	107.60	150	Vertical	Pass
4**	5218.000	89.7	-3.79	--	--	AV	4.40	150	Vertical	N/A
4	5218.000	95.36	-3.79	--	--	Peak	4.40	150	Vertical	N/A
5**	11502.000	43.6	15.49	54.0	10.40	AV	287.80	150	Vertical	Pass
5	11502.000	50.57	15.49	74.0	23.43	Peak	287.80	150	Vertical	Pass
6**	16620.562	47.6	21.11	--	-47.60	AV	21.40	150	Vertical	N/A
6	16620.562	54.30	21.11	68.2	13.90	Peak	21.40	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.000	33.5	-14.24	54.0	20.50	AV	204.20	150	Horizontal	Pass
1	1584.000	39.57	-14.24	74.0	34.43	Peak	204.20	150	Horizontal	Pass
2**	2112.000	38.4	-10.47	--	-38.40	AV	121.80	150	Horizontal	N/A
2	2112.000	44.22	-10.47	68.2	23.98	Peak	121.80	150	Horizontal	Pass
3**	2460.500	38.5	-8.07	--	-38.50	AV	136.20	150	Horizontal	N/A
3	2460.500	46.34	-8.07	68.2	21.86	Peak	136.20	150	Horizontal	Pass
4**	5222.000	90.6	-3.84	--	--	AV	85.70	150	Horizontal	N/A
4	5222.000	94.35	-3.84	--	--	Peak	85.70	150	Horizontal	N/A
5**	12545.875	46.5	17.00	54.0	7.50	AV	162.60	150	Horizontal	Pass
5	12545.875	52.94	17.00	74.0	21.06	Peak	162.60	150	Horizontal	Pass
6**	16636.313	48.5	20.02	--	-48.50	AV	60.50	150	Horizontal	N/A
6	16636.313	53.77	20.02	68.2	14.43	Peak	60.50	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1333.110	30.82	-13.78	54	-23.18	AV	158.90	150	Vertical	Pass
1	1333.110	43.08	-13.78	74	-30.92	Peak	158.90	150	Vertical	Pass
2**	1909.642	36.52	-13.44	--	--	AV	143.93	150	Vertical	N/A
2	1909.642	50.36	-13.44	68.2	-17.85	Peak	143.93	150	Vertical	Pass
3**	2460.451	40.52	-8.84	--	--	AV	109.76	150	Vertical	N/A
3	2460.451	46.00	-8.84	68.2	-22.21	Peak	109.76	150	Vertical	Pass
4**	5240.000	89.53	-3.67	--	--	AV	6.52	150	Vertical	N/A
4	5240.000	94.55	-3.67	--	--	Peak	6.52	150	Vertical	N/A
5**	11501.986	43.04	14.92	54	-10.96	AV	290.33	150	Vertical	Pass
5	11501.986	49.92	14.92	74	-24.08	Peak	290.33	150	Vertical	Pass
6**	16619.782	47.17	20.33	--	--	AV	23.56	150	Vertical	N/A
6	16619.782	53.59	20.33	68.2	-14.61	Peak	23.56	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.841	32.61	-15.04	54	-21.39	AV	206.56	150	Horizontal	Pass
1	1583.841	38.86	-15.04	74	-35.14	Peak	206.56	150	Horizontal	Pass
2**	2111.921	37.54	-11.21	--	--	AV	124.15	150	Horizontal	N/A
2	2111.921	43.28	-11.21	68.2	-24.92	Peak	124.15	150	Horizontal	Pass
3**	2460.297	38.40	-8.57	--	--	AV	138.69	150	Horizontal	N/A
3	2460.297	46.30	-8.57	68.2	-21.90	Peak	138.69	150	Horizontal	Pass
4**	5240.000	90.21	-3.67	--	--	AV	87.74	150	Horizontal	N/A
4	5240.000	93.72	-3.67	--	--	Peak	87.74	150	Horizontal	N/A
5**	12545.240	46.09	16.57	54	-7.91	AV	164.98	150	Horizontal	Pass
5	12545.240	51.96	16.57	74	-22.05	Peak	164.98	150	Horizontal	Pass
6**	16635.417	48.49	19.85	--	--	AV	63.11	150	Horizontal	N/A
6	16635.417	53.18	19.85	68.2	-15.02	Peak	63.11	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1570.241	34.91	-14.34	54	-19.09	AV	124.83	150	Vertical	Pass
1	1570.241	41.74	-14.34	74	-32.26	Peak	124.83	150	Vertical	Pass
2**	1853.846	35.30	-13.45	--	--	AV	159.52	150	Vertical	N/A
2	1853.846	49.20	-13.45	68.2	-19.00	Peak	159.52	150	Vertical	Pass
3**	2460.346	39.54	-8.87	--	--	AV	96.29	150	Vertical	N/A
3	2460.346	46.52	-8.87	68.2	-21.68	Peak	96.29	150	Vertical	Pass
4**	5260.000	80.99	-3.48	--	--	AV	3.32	150	Vertical	N/A
4	5260.000	85.83	-3.48	--	--	Peak	3.32	150	Vertical	N/A
5**	9162.966	42.42	13.68	54	-11.58	AV	259.10	150	Vertical	Pass
5	9162.966	48.92	13.68	74	-25.08	Peak	259.10	150	Vertical	Pass
6**	16916.878	46.93	20.00	--	--	AV	170.98	150	Vertical	N/A
6	16916.878	52.73	20.00	68.2	-15.47	Peak	170.98	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.869	33.71	-14.74	54	-20.29	AV	201.01	150	Horizontal	Pass
1	1583.869	39.97	-14.74	74	-34.03	Peak	201.01	150	Horizontal	Pass
2**	1910.941	31.83	-13.08	--	--	AV	253.88	150	Horizontal	N/A
2	1910.941	44.47	-13.08	68.2	-23.73	Peak	253.88	150	Horizontal	Pass
3**	2460.058	38.67	-8.88	--	--	AV	138.01	150	Horizontal	N/A
3	2460.058	45.60	-8.88	68.2	-22.60	Peak	138.01	150	Horizontal	Pass
4**	5260.000	79.32	-3.48	--	--	AV	303.80	150	Horizontal	N/A
4	5260.000	86.03	-3.48	--	--	Peak	303.80	150	Horizontal	N/A
5**	12585.142	45.62	15.77	54	-8.38	AV	245.48	150	Horizontal	Pass
5	12585.142	52.97	15.77	74	-21.04	Peak	245.48	150	Horizontal	Pass
6**	15870.413	44.48	18.17	54	-9.52	AV	148.52	150	Horizontal	Pass
6	15870.413	52.67	18.17	74	-21.33	Peak	148.52	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1571.000	35.9	-13.90	54.0	18.10	AV	122.70	150	Vertical	Pass
1	1571.000	42.42	-13.90	74.0	31.58	Peak	122.70	150	Vertical	Pass
2**	1854.000	36.2	-12.67	--	-36.20	AV	157.10	150	Vertical	N/A
2	1854.000	49.82	-12.67	68.2	18.38	Peak	157.10	150	Vertical	Pass
3**	2460.500	39.8	-8.07	--	-39.80	AV	93.90	150	Vertical	N/A
3	2460.500	46.73	-8.07	68.2	21.47	Peak	93.90	150	Vertical	Pass
4**	5303.000	81.6	-4.38	--	--	AV	1.00	150	Vertical	N/A
4	5303.000	86.71	-4.38	--	--	Peak	1.00	150	Vertical	N/A
5**	9163.437	42.7	14.31	54.0	11.30	AV	256.30	150	Vertical	Pass
5	9163.437	49.44	14.31	74.0	24.56	Peak	256.30	150	Vertical	Pass
6**	16917.188	47.0	20.43	--	-47.00	AV	168.20	150	Vertical	N/A
6	16917.188	53.70	20.43	68.2	14.50	Peak	168.20	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.000	34.2	-14.24	54.0	19.80	AV	198.70	150	Horizontal	Pass
1	1584.000	40.08	-14.24	74.0	33.92	Peak	198.70	150	Horizontal	Pass
2**	1911.000	32.4	-12.51	--	-32.40	AV	251.20	150	Horizontal	N/A
2	1911.000	45.35	-12.51	68.2	22.85	Peak	251.20	150	Horizontal	Pass
3**	2460.500	38.9	-8.07	--	-38.90	AV	136.00	150	Horizontal	N/A
3	2460.500	46.01	-8.07	68.2	22.19	Peak	136.00	150	Horizontal	Pass
4**	5306.000	79.9	-4.53	--	--	AV	301.70	150	Horizontal	N/A
4	5306.000	86.71	-4.53	--	--	Peak	301.70	150	Horizontal	N/A
5**	12586.125	45.8	16.68	54.0	8.20	AV	243.10	150	Horizontal	Pass
5	12586.125	53.43	16.68	74.0	20.57	Peak	243.10	150	Horizontal	Pass
6**	15871.126	45.1	19.15	54.0	8.90	AV	146.10	150	Horizontal	Pass
6	15871.126	53.20	19.15	74.0	20.80	Peak	146.10	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1570.433	35.60	-14.18	54	-18.40	AV	125.25	150	Vertical	Pass
1	1570.433	42.17	-14.18	74	-31.83	Peak	125.25	150	Vertical	Pass
2**	1853.047	35.33	-13.20	--	--	AV	159.79	150	Vertical	N/A
2	1853.047	49.79	-13.20	68.2	-18.42	Peak	159.79	150	Vertical	Pass
3**	2459.852	38.82	-8.40	--	--	AV	96.77	150	Vertical	N/A
3	2459.852	46.54	-8.40	68.2	-21.66	Peak	96.77	150	Vertical	Pass
4**	5320.000	80.83	-3.03	--	--	AV	3.01	150	Vertical	N/A
4	5320.000	86.25	-3.03	--	--	Peak	3.01	150	Vertical	N/A
5**	9163.182	41.85	13.96	54	-12.15	AV	258.88	150	Vertical	Pass
5	9163.182	49.09	13.96	74	-24.91	Peak	258.88	150	Vertical	Pass
6**	16917.044	46.61	20.12	--	--	AV	170.22	150	Vertical	N/A
6	16917.044	52.84	20.12	68.2	-15.36	Peak	170.22	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.396	33.38	-14.81	54	-20.63	AV	200.76	150	Horizontal	Pass
1	1583.396	39.28	-14.81	74	-34.72	Peak	200.76	150	Horizontal	Pass
2**	1910.342	31.50	-12.82	--	--	AV	253.79	150	Horizontal	N/A
2	1910.342	44.61	-12.82	68.2	-23.60	Peak	253.79	150	Horizontal	Pass
3**	2460.483	38.80	-8.96	--	--	AV	138.30	150	Horizontal	N/A
3	2460.483	45.50	-8.96	68.2	-22.70	Peak	138.30	150	Horizontal	Pass
4**	5320.000	79.82	-3.03	--	--	AV	304.03	150	Horizontal	N/A
4	5320.000	85.91	-3.03	--	--	Peak	304.03	150	Horizontal	N/A
5**	12585.577	45.19	16.59	54	-8.81	AV	245.52	150	Horizontal	Pass
5	12585.577	52.86	16.59	74	-21.14	Peak	245.52	150	Horizontal	Pass
6**	15870.759	44.38	18.30	54	-9.62	AV	149.09	150	Horizontal	Pass
6	15870.759	53.15	18.30	74	-20.85	Peak	149.09	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1399.185	40.49	-13.60	74	-33.51	Peak	49.77	150	Vertical	Pass
2	1769.897	47.50	-13.52	68.2	-20.71	Peak	175.96	150	Vertical	Pass
3	2675.241	46.28	-5.50	68.2	-21.92	Peak	175.90	150	Vertical	Pass
4	5500.000	91.45	-2.95	--	--	Peak	64.83	150	Vertical	N/A
5	9246.355	49.59	14.84	68.2	-18.61	Peak	114.94	150	Vertical	Pass
6	16898.348	54.07	19.54	68.2	-14.13	Peak	171.97	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1783.222	42.66	-14.22	68.2	-25.54	Peak	298.34	150	Horizontal	Pass
2	2111.610	42.81	-10.54	68.2	-25.40	Peak	208.19	150	Horizontal	Pass
3	2642.022	44.87	-7.02	68.2	-23.34	Peak	199.83	150	Horizontal	Pass
4	5500.000	89.18	-2.95	--	--	Peak	334.54	150	Horizontal	N/A
5	12111.482	52.68	15.42	74	-21.32	Peak	362.56	150	Horizontal	Pass
6	16628.823	54.18	20.44	68.2	-14.02	Peak	333.90	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1400.000	41.09	-12.97	74.0	32.91	Peak	47.60	150	Vertical	Pass
2	1770.500	48.36	-13.15	68.2	19.84	Peak	173.20	150	Vertical	Pass
3	2676.000	47.14	-5.45	68.2	21.06	Peak	173.20	150	Vertical	Pass
4	5577.000	91.50	-3.85	--	--	Peak	62.40	150	Vertical	N/A
5	9246.812	50.23	15.37	68.2	17.97	Peak	112.60	150	Vertical	Pass
6	16898.813	54.55	20.31	68.2	13.65	Peak	169.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1784.000	42.83	-13.42	68.2	25.37	Peak	295.70	150	Horizontal	Pass
2	2112.000	43.71	-10.47	68.2	24.49	Peak	205.80	150	Horizontal	Pass
3	2643.000	45.21	-6.09	68.2	22.99	Peak	196.90	150	Horizontal	Pass
4	5588.000	90.05	-3.89	--	--	Peak	331.90	150	Horizontal	N/A
5	12111.750	52.70	16.24	74.0	21.30	Peak	360.00	150	Horizontal	Pass
6	16629.750	54.49	20.47	68.2	13.71	Peak	331.90	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1399.662	40.62	-13.19	74	-33.38	Peak	49.93	150	Vertical	Pass
2	1769.966	47.93	-13.48	68.2	-20.27	Peak	175.73	150	Vertical	Pass
3	2675.505	46.57	-6.16	68.2	-21.63	Peak	175.32	150	Vertical	Pass
4	5700.000	91.24	-2.35	--	--	Peak	65.03	150	Vertical	N/A
5	9246.638	50.10	14.52	68.2	-18.10	Peak	114.93	150	Vertical	Pass
6	16898.525	54.07	20.15	68.2	-14.13	Peak	171.58	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1783.988	42.52	-13.46	68.2	-25.68	Peak	297.71	150	Horizontal	Pass
2	2111.414	43.31	-10.52	68.2	-24.89	Peak	207.80	150	Horizontal	Pass
3	2642.542	44.93	-6.31	68.2	-23.27	Peak	199.04	150	Horizontal	Pass
4	5700.000	89.76	-2.35	--	--	Peak	334.65	150	Horizontal	N/A
5	12111.129	52.29	15.60	74	-21.71	Peak	362.43	150	Horizontal	Pass
6	16629.697	54.26	20.12	68.2	-13.94	Peak	334.39	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1335.812	32.73	-13.28	54	-21.27	AV	171.09	150	Vertical	Pass
1	1335.812	42.13	-13.28	74	-31.87	Peak	171.09	150	Vertical	Pass
2**	1907.606	41.31	-12.57	--	--	AV	191.27	150	Vertical	N/A
2	1907.606	50.16	-12.57	68.2	-18.04	Peak	191.27	150	Vertical	Pass
3**	2460.112	39.43	-8.44	--	--	AV	103.82	150	Vertical	N/A
3	2460.112	46.97	-8.44	68.2	-21.24	Peak	103.82	150	Vertical	Pass
4**	3118.560	41.69	-9.71	--	--	AV	166.08	150	Vertical	N/A
4	3118.560	44.18	-9.71	68.2	-24.02	Peak	166.08	150	Vertical	Pass
5**	5745.000	83.70	-1.78	--	--	AV	53.70	150	Vertical	N/A
5	5745.000	87.96	-1.78	--	--	Peak	53.70	150	Vertical	N/A
6**	12389.954	44.95	16.89	54	-9.06	AV	99.76	150	Vertical	Pass
6	12389.954	51.61	16.89	74	-22.39	Peak	99.76	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.216	31.36	-14.85	54	-22.64	AV	87.56	150	Horizontal	Pass
1	1583.216	37.78	-14.85	74	-36.22	Peak	87.56	150	Horizontal	Pass
2**	1874.028	32.33	-13.98	--	--	AV	242.99	150	Horizontal	N/A
2	1874.028	43.75	-13.98	68.2	-24.45	Peak	242.99	150	Horizontal	Pass
3**	2459.876	37.22	-8.52	--	--	AV	130.20	150	Horizontal	N/A
3	2459.876	44.73	-8.52	68.2	-23.47	Peak	130.20	150	Horizontal	Pass
4**	5745.000	85.11	-1.78	--	--	AV	2.44	150	Horizontal	N/A
4	5745.000	88.49	-1.78	--	--	Peak	2.44	150	Horizontal	N/A
5**	12430.175	47.08	16.77	54	-6.92	AV	58.84	150	Horizontal	Pass
5	12430.175	52.74	16.77	74	-21.26	Peak	58.84	150	Horizontal	Pass
6**	16849.356	46.06	19.71	--	--	AV	2.99	150	Horizontal	N/A
6	16849.356	52.45	19.71	68.2	-15.75	Peak	2.99	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1336.000	33.5	-12.98	54.0	20.50	AV	169.00	150	Vertical	Pass
1	1336.000	42.61	-12.98	74.0	31.39	Peak	169.00	150	Vertical	Pass
2**	1908.500	41.4	-12.46	--	-41.40	AV	188.30	150	Vertical	N/A
2	1908.500	50.16	-12.46	68.2	18.04	Peak	188.30	150	Vertical	Pass
3**	2460.500	40.3	-8.07	--	-40.30	AV	101.40	150	Vertical	N/A
3	2460.500	47.01	-8.07	68.2	21.19	Peak	101.40	150	Vertical	Pass
4**	3119.000	41.9	-8.75	--	-41.90	AV	163.10	150	Vertical	N/A
4	3119.000	44.92	-8.75	68.2	23.28	Peak	163.10	150	Vertical	Pass
5**	5793.000	84.4	-2.82	--	--	AV	51.40	150	Vertical	N/A
5	5793.000	88.73	-2.82	--	--	Peak	51.40	150	Vertical	N/A
6**	12390.625	45.2	16.95	54.0	8.80	AV	97.20	150	Vertical	Pass
6	12390.625	52.31	16.95	74.0	21.69	Peak	97.20	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.000	32.2	-14.24	54.0	21.80	AV	84.90	150	Horizontal	Pass
1	1584.000	38.73	-14.24	74.0	35.27	Peak	84.90	150	Horizontal	Pass
2**	1875.000	33.2	-13.10	--	-33.20	AV	240.30	150	Horizontal	N/A
2	1875.000	44.02	-13.10	68.2	24.18	Peak	240.30	150	Horizontal	Pass
3**	2460.500	37.9	-8.07	--	-37.90	AV	127.90	150	Horizontal	N/A
3	2460.500	45.06	-8.07	68.2	23.14	Peak	127.90	150	Horizontal	Pass
4**	5788.000	85.7	-3.05	--	--	AV	0.00	150	Horizontal	N/A
4	5788.000	88.78	-3.05	--	--	Peak	0.00	150	Horizontal	N/A
5**	12430.875	47.1	16.85	54.0	6.90	AV	56.50	150	Horizontal	Pass
5	12430.875	52.85	16.85	74.0	21.15	Peak	56.50	150	Horizontal	Pass
6**	16850.250	46.5	20.20	--	-46.50	AV	0.00	150	Horizontal	N/A
6	16850.250	53.39	20.20	68.2	14.81	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1335.036	32.54	-13.88	54	-21.46	AV	171.24	150	Vertical	Pass
1	1335.036	42.50	-13.88	74	-31.50	Peak	171.24	150	Vertical	Pass
2**	1907.541	41.31	-13.05	--	--	AV	190.89	150	Vertical	N/A
2	1907.541	49.26	-13.05	68.2	-18.94	Peak	190.89	150	Vertical	Pass
3**	2459.908	39.89	-9.06	--	--	AV	103.47	150	Vertical	N/A
3	2459.908	46.80	-9.06	68.2	-21.40	Peak	103.47	150	Vertical	Pass
4**	3118.263	41.07	-9.64	--	--	AV	165.56	150	Vertical	N/A
4	3118.263	44.07	-9.64	68.2	-24.13	Peak	165.56	150	Vertical	Pass
5**	5825.000	84.12	-1.07	--	--	AV	53.58	150	Vertical	N/A
5	5825.000	88.43	-1.07	--	--	Peak	53.58	150	Vertical	N/A
6**	12390.227	44.49	16.42	54	-9.51	AV	99.31	150	Vertical	Pass
6	12390.227	52.28	16.42	74	-21.72	Peak	99.31	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.426	31.88	-14.94	54	-22.12	AV	86.94	150	Horizontal	Pass
1	1583.426	38.12	-14.94	74	-35.88	Peak	86.94	150	Horizontal	Pass
2**	1874.226	32.47	-13.54	--	--	AV	242.52	150	Horizontal	N/A
2	1874.226	43.36	-13.54	68.2	-24.84	Peak	242.52	150	Horizontal	Pass
3**	2459.503	37.32	-8.65	--	--	AV	130.05	150	Horizontal	N/A
3	2459.503	44.44	-8.65	68.2	-23.76	Peak	130.05	150	Horizontal	Pass
4**	5825.000	85.56	-1.07	--	--	AV	2.95	150	Horizontal	N/A
4	5825.000	87.90	-1.07	--	--	Peak	2.95	150	Horizontal	N/A
5**	12430.344	46.33	16.83	54	-7.67	AV	59.32	150	Horizontal	Pass
5	12430.344	52.03	16.83	74	-21.97	Peak	59.32	150	Horizontal	Pass
6**	16849.648	46.31	19.35	--	--	AV	2.46	150	Horizontal	N/A
6	16849.648	52.91	19.35	68.2	-15.29	Peak	2.46	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1824.297	47.53	-15.23	--	--	AV	216.62	150	Vertical	N/A
1	1824.297	52.21	-15.23	68.2	-15.99	Peak	216.62	150	Vertical	Pass
2**	3117.260	37.64	-7.87	--	--	AV	194.54	150	Vertical	N/A
2	3117.260	45.39	-7.87	68.2	-22.81	Peak	194.54	150	Vertical	Pass
3**	5190.000	90.91	-3.92	--	--	AV	104.99	150	Vertical	N/A
3	5190.000	94.43	-3.92	--	--	Peak	104.99	150	Vertical	N/A
4**	6412.455	46.70	2.44	--	--	AV	69.29	150	Vertical	N/A
4	6412.455	50.80	2.44	68.2	-17.40	Peak	69.29	150	Vertical	Pass
5**	11198.749	45.15	17.94	54	-8.85	AV	129.91	150	Vertical	Pass
5	11198.749	51.89	17.94	74	-22.11	Peak	129.91	150	Vertical	Pass
6**	14920.291	50.68	27.22	--	--	AV	143.09	150	Vertical	N/A
6	14920.291	57.08	27.22	68.2	-11.13	Peak	143.09	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1812.943	42.30	-15.68	--	--	AV	271.52	150	Horizontal	N/A
1	1812.943	45.09	-15.68	68.2	-23.11	Peak	271.52	150	Horizontal	Pass
2**	3167.511	38.35	-7.27	--	--	AV	237.57	150	Horizontal	N/A
2	3167.511	44.79	-7.27	68.2	-23.41	Peak	237.57	150	Horizontal	Pass
3**	5190.000	90.45	-3.92	--	--	AV	130.89	150	Horizontal	N/A
3	5190.000	95.33	-3.92	--	--	Peak	130.89	150	Horizontal	N/A
4**	6463.783	44.42	2.71	--	--	AV	237.70	150	Horizontal	N/A
4	6463.783	50.88	2.71	68.2	-17.32	Peak	237.70	150	Horizontal	Pass
5**	9901.333	45.48	17.76	--	--	AV	178.44	150	Horizontal	N/A
5	9901.333	50.26	17.76	68.2	-17.94	Peak	178.44	150	Horizontal	Pass
6**	14875.630	50.45	26.34	--	--	AV	191.24	150	Horizontal	N/A
6	14875.630	58.02	26.34	68.2	-10.18	Peak	191.24	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1825.000	47.55	-14.47	--	47.55	AV	214.00	150	Vertical	N/A
1	1825.000	52.78	-14.47	68.2	-15.42	Peak	214.00	150	Vertical	Pass
2**	3118.000	37.82	-7.37	--	37.82	AV	192.00	150	Vertical	N/A
2	3118.000	46.01	-7.37	68.2	-22.19	Peak	192.00	150	Vertical	Pass
3**	5223.000	91.13	-1.10	--	--	AV	102.00	150	Vertical	N/A
3	5223.000	95.04	-1.10	--	--	Peak	102.00	150	Vertical	N/A
4**	6413.000	47.08	2.85	--	47.08	AV	67.00	150	Vertical	N/A
4	6413.000	51.32	2.85	68.2	-16.88	Peak	67.00	150	Vertical	Pass
5**	11198.937	45.92	18.78	54.0	-8.08	AV	127.00	150	Vertical	Pass
5	11198.937	52.66	18.78	74.0	-21.34	Peak	127.00	150	Vertical	Pass
6**	14920.875	50.95	27.66	--	50.95	AV	141.00	150	Vertical	N/A
6	14920.875	57.44	27.66	68.2	-10.76	Peak	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1813.500	43.30	-14.91	--	43.30	AV	269.00	150	Horizontal	N/A
1	1813.500	45.44	-14.91	68.2	-22.76	Peak	269.00	150	Horizontal	Pass
2**	3168.000	38.70	-7.22	--	38.70	AV	235.00	150	Horizontal	N/A
2	3168.000	45.56	-7.22	68.2	-22.64	Peak	235.00	150	Horizontal	Pass
3**	5235.000	91.01	-0.91	--	--	AV	128.00	150	Horizontal	N/A
3	5235.000	95.83	-0.91	--	--	Peak	128.00	150	Horizontal	N/A
4**	6464.000	44.79	2.77	--	44.79	AV	235.00	150	Horizontal	N/A
4	6464.000	51.63	2.77	68.2	-16.57	Peak	235.00	150	Horizontal	Pass
5**	9902.312	45.55	18.51	--	45.55	AV	176.00	150	Horizontal	N/A
5	9902.312	51.00	18.51	68.2	-17.20	Peak	176.00	150	Horizontal	Pass
6**	14876.250	51.35	26.61	--	51.35	AV	189.00	150	Horizontal	N/A
6	14876.250	58.20	26.61	68.2	-10.00	Peak	189.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1824.119	47.22	-14.99	--	--	AV	216.12	150	Vertical	N/A
1	1824.119	52.07	-14.99	68.2	-16.13	Peak	216.12	150	Vertical	Pass
2**	3117.926	36.87	-7.74	--	--	AV	194.39	150	Vertical	N/A
2	3117.926	45.74	-7.74	68.2	-22.46	Peak	194.39	150	Vertical	Pass
3**	5270.000	90.15	-3.41	--	--	AV	104.51	150	Vertical	N/A
3	5270.000	94.60	-3.41	--	--	Peak	104.51	150	Vertical	N/A
4**	6412.149	46.65	2.19	--	--	AV	69.01	150	Vertical	N/A
4	6412.149	51.02	2.19	68.2	-17.18	Peak	69.01	150	Vertical	Pass
5**	11198.116	45.00	18.52	54	-9.00	AV	129.70	150	Vertical	Pass
5	11198.116	52.41	18.52	74	-21.59	Peak	129.70	150	Vertical	Pass
6**	14919.949	50.45	27.30	--	--	AV	143.22	150	Vertical	N/A
6	14919.949	56.45	27.30	68.2	-11.75	Peak	143.22	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1813.346	42.76	-15.44	--	--	AV	271.15	150	Horizontal	N/A
1	1813.346	45.07	-15.44	68.2	-23.13	Peak	271.15	150	Horizontal	Pass
2**	3167.765	37.99	-7.33	--	--	AV	237.41	150	Horizontal	N/A
2	3167.765	45.36	-7.33	68.2	-22.84	Peak	237.41	150	Horizontal	Pass
3**	5270.000	90.46	-3.41	--	--	AV	130.21	150	Horizontal	N/A
3	5270.000	95.62	-3.41	--	--	Peak	130.21	150	Horizontal	N/A
4**	6463.915	44.64	2.77	--	--	AV	237.74	150	Horizontal	N/A
4	6463.915	51.02	2.77	68.2	-17.18	Peak	237.74	150	Horizontal	Pass
5**	9901.326	45.10	17.79	--	--	AV	178.93	150	Horizontal	N/A
5	9901.326	50.82	17.79	68.2	-17.38	Peak	178.93	150	Horizontal	Pass
6**	14875.316	51.07	26.11	--	--	AV	191.60	150	Horizontal	N/A
6	14875.316	57.73	26.11	68.2	-10.47	Peak	191.60	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1824.963	47.11	-14.50	--	--	AV	216.14	150	Vertical	N/A
1	1824.963	52.65	-14.50	68.2	-15.55	Peak	216.14	150	Vertical	Pass
2**	3117.473	37.55	-8.25	--	--	AV	194.46	150	Vertical	N/A
2	3117.473	45.26	-8.25	68.2	-22.94	Peak	194.46	150	Vertical	Pass
3**	5310.000	90.89	-3.08	--	--	AV	104.61	150	Vertical	N/A
3	5310.000	94.58	-3.08	--	--	Peak	104.61	150	Vertical	N/A
4**	6412.690	46.45	2.41	--	--	AV	69.52	150	Vertical	N/A
4	6412.690	50.95	2.41	68.2	-17.25	Peak	69.52	150	Vertical	Pass
5**	11198.143	45.90	18.50	54	-8.10	AV	129.17	150	Vertical	Pass
5	11198.143	52.44	18.50	74	-21.56	Peak	129.17	150	Vertical	Pass
6**	14920.491	50.09	26.68	--	--	AV	143.06	150	Vertical	N/A
6	14920.491	56.49	26.68	68.2	-11.72	Peak	143.06	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1813.136	42.84	-15.13	--	--	AV	271.46	150	Horizontal	N/A
1	1813.136	45.09	-15.13	68.2	-23.11	Peak	271.46	150	Horizontal	Pass
2**	3167.167	38.48	-7.85	--	--	AV	237.71	150	Horizontal	N/A
2	3167.167	44.60	-7.85	68.2	-23.60	Peak	237.71	150	Horizontal	Pass
3**	5310.000	90.59	-3.08	--	--	AV	130.53	150	Horizontal	N/A
3	5310.000	94.97	-3.08	--	--	Peak	130.53	150	Horizontal	N/A
4**	6463.062	43.99	2.03	--	--	AV	237.47	150	Horizontal	N/A
4	6463.062	51.23	2.03	68.2	-16.97	Peak	237.47	150	Horizontal	Pass
5**	9902.208	44.81	18.35	--	--	AV	178.57	150	Horizontal	N/A
5	9902.208	50.21	18.35	68.2	-17.99	Peak	178.57	150	Horizontal	Pass
6**	14876.224	50.68	25.95	--	--	AV	191.31	150	Horizontal	N/A
6	14876.224	58.12	25.95	68.2	-10.09	Peak	191.31	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1903.591	51.51	-14.54	68.2	-16.69	Peak	220.93	150	Vertical	Pass
2	3118.429	46.40	-8.12	68.2	-21.81	Peak	197.82	150	Vertical	Pass
3	5510.000	92.57	-2.87	--	--	Peak	101.47	150	Vertical	N/A
4	7008.085	50.77	16.27	68.2	-17.43	Peak	238.58	150	Vertical	Pass
5	11979.418	54.36	20.10	74	-19.64	Peak	136.01	150	Vertical	Pass
6	14842.801	57.01	26.52	68.2	-11.19	Peak	20.92	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1815.979	44.17	-15.37	68.2	-24.03	Peak	266.11	150	Horizontal	Pass
2	2460.135	44.56	-11.41	68.2	-23.64	Peak	151.63	150	Horizontal	Pass
3	5510.000	93.30	-2.87	--	--	Peak	191.65	150	Horizontal	N/A
4	6940.895	51.71	3.21	68.2	-16.49	Peak	348.98	150	Horizontal	Pass
5	9890.022	52.08	17.43	68.2	-16.12	Peak	351.82	150	Horizontal	Pass
6	14854.468	56.67	26.84	68.2	-11.53	Peak	97.94	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1904.000	51.53	-14.05	68.2	-16.67	Peak	218.00	150	Vertical	Pass
2	3119.000	46.53	-7.24	68.2	-21.67	Peak	195.00	150	Vertical	Pass
3	5594.000	93.54	-0.14	--	--	Peak	99.00	150	Vertical	N/A
4	7008.625	51.47	17.11	68.2	-16.73	Peak	236.00	150	Vertical	Pass
5	11979.500	54.88	20.73	74.0	-19.12	Peak	134.00	150	Vertical	Pass
6	14843.437	57.15	26.86	68.2	-11.05	Peak	18.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1816.000	44.62	-14.80	68.2	-23.58	Peak	264.00	150	Horizontal	Pass
2	2460.500	44.74	-10.62	68.2	-23.46	Peak	149.00	150	Horizontal	Pass
3	5586.000	93.40	-0.22	--	--	Peak	189.00	150	Horizontal	N/A
4	6941.000	52.00	3.53	68.2	-16.20	Peak	346.00	150	Horizontal	Pass
5	9890.813	52.89	18.08	68.2	-15.31	Peak	349.00	150	Horizontal	Pass
6	14855.250	57.21	27.07	68.2	-10.99	Peak	95.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1903.232	51.14	-14.48	68.2	-17.06	Peak	220.49	150	Vertical	Pass
2	3118.769	46.38	-7.28	68.2	-21.82	Peak	197.30	150	Vertical	Pass
3	5670.000	93.11	-2.42	--	--	Peak	101.48	150	Vertical	N/A
4	7007.684	50.90	17.03	68.2	-17.30	Peak	238.05	150	Vertical	Pass
5	11979.211	54.30	19.75	74	-19.70	Peak	136.43	150	Vertical	Pass
6	14842.632	56.54	26.32	68.2	-11.66	Peak	20.07	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1815.545	44.05	-14.96	68.2	-24.16	Peak	266.23	150	Horizontal	Pass
2	2460.396	44.09	-11.15	68.2	-24.11	Peak	151.26	150	Horizontal	Pass
3	5670.000	93.38	-2.42	--	--	Peak	191.95	150	Horizontal	N/A
4	6940.249	51.81	3.39	68.2	-16.39	Peak	348.94	150	Horizontal	Pass
5	9889.858	52.79	17.87	68.2	-15.41	Peak	351.78	150	Horizontal	Pass
6	14854.523	56.89	27.06	68.2	-11.31	Peak	97.15	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1837.000	47.91	-14.41	--	47.91	AV	227.00	150	Vertical	N/A
1	1837.000	50.61	-14.41	68.2	-17.59	Peak	227.00	150	Vertical	Pass
2**	3119.000	44.31	-7.24	--	44.31	AV	195.00	150	Vertical	N/A
2	3119.000	46.20	-7.24	68.2	-22.00	Peak	195.00	150	Vertical	Pass
3**	5759.000	91.57	-0.09	--	--	AV	88.00	150	Vertical	N/A
3	5759.000	96.61	-0.09	--	--	Peak	88.00	150	Vertical	N/A
4**	6796.000	45.54	2.76	--	--	AV	288.00	150	Vertical	N/A
4	6796.000	51.04	2.76	68.2	-17.16	Peak	288.00	150	Vertical	Pass
5**	11325.438	44.18	18.35	54.0	-9.82	AV	19.00	150	Vertical	Pass
5	11325.438	52.98	18.35	74.0	-21.02	Peak	19.00	150	Vertical	Pass
6**	14829.000	50.09	26.81	--	--	AV	2.00	150	Vertical	N/A
6	14829.000	56.52	26.81	68.2	-11.68	Peak	2.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1971.500	34.60	-13.76	--	34.60	AV	310.00	150	Horizontal	N/A
1	1971.500	45.82	-13.76	68.2	-22.38	Peak	310.00	150	Horizontal	Pass
2**	3168.000	41.22	-7.22	--	--	AV	234.00	150	Horizontal	N/A
2	3168.000	44.77	-7.22	68.2	-23.43	Peak	234.00	150	Horizontal	Pass
3**	5759.000	91.58	-0.09	--	--	AV	56.00	150	Horizontal	N/A
3	5759.000	95.04	-0.09	--	--	Peak	56.00	150	Horizontal	N/A
4**	6643.000	44.72	3.13	--	44.72	AV	123.00	150	Horizontal	N/A
4	6643.000	50.73	3.13	68.2	-17.47	Peak	123.00	150	Horizontal	Pass
5**	11152.938	46.99	18.70	54.0	-7.01	AV	73.00	150	Horizontal	Pass
5	11152.938	53.80	18.70	74.0	-20.20	Peak	73.00	150	Horizontal	Pass
6**	14834.250	49.59	26.80	--	--	AV	178.00	150	Horizontal	N/A
6	14834.250	56.59	26.80	68.2	-11.61	Peak	178.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1836.395	47.69	-14.43	--	--	AV	229.46	150	Vertical	N/A
1	1836.395	49.62	-14.43	68.2	-18.58	Peak	229.46	150	Vertical	Pass
2**	3118.059	44.14	-7.30	--	--	AV	197.12	150	Vertical	N/A
2	3118.059	46.12	-7.30	68.2	-22.08	Peak	197.12	150	Vertical	Pass
3**	5795.000	90.79	-1.29	--	--	AV	90.55	150	Vertical	N/A
3	5795.000	96.17	-1.29	--	--	Peak	90.55	150	Vertical	N/A
4**	6795.573	44.87	2.03	--	--	AV	290.41	150	Vertical	N/A
4	6795.573	51.01	2.03	68.2	-17.19	Peak	290.41	150	Vertical	Pass
5**	11324.666	44.17	17.91	54	-9.83	AV	21.84	150	Vertical	Pass
5	11324.666	52.37	17.91	74	-21.63	Peak	21.84	150	Vertical	Pass
6**	14828.207	49.68	26.71	--	--	AV	4.11	150	Vertical	N/A
6	14828.207	56.44	26.71	68.2	-11.76	Peak	4.11	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1971.016	33.85	-13.95	--	--	AV	312.94	150	Horizontal	N/A
1	1971.016	45.01	-13.95	68.2	-23.19	Peak	312.94	150	Horizontal	Pass
2**	3167.191	41.09	-7.96	--	--	AV	236.75	150	Horizontal	N/A
2	3167.191	43.97	-7.96	68.2	-24.23	Peak	236.75	150	Horizontal	Pass
3**	5795.000	91.04	-1.29	--	--	AV	58.87	150	Horizontal	N/A
3	5795.000	94.33	-1.29	--	--	Peak	58.87	150	Horizontal	N/A
4**	6642.677	44.61	2.24	--	--	AV	125.62	150	Horizontal	N/A
4	6642.677	50.28	2.24	68.2	-17.92	Peak	125.62	150	Horizontal	Pass
5**	11152.014	46.20	17.94	54	-7.80	AV	75.16	150	Horizontal	Pass
5	11152.014	53.63	17.94	74	-20.37	Peak	75.16	150	Horizontal	Pass
6**	14833.580	49.02	25.88	--	--	AV	180.59	150	Horizontal	N/A
6	14833.580	56.50	25.88	68.2	-11.70	Peak	180.59	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1903.500	47.97	-14.04	--	--	AV	220.00	150	Vertical	N/A
1	1903.500	50.81	-14.04	68.2	-17.39	Peak	220.00	150	Vertical	Pass
2**	2640.000	37.92	-10.12	--	--	AV	306.00	150	Vertical	N/A
2	2640.000	50.05	-10.12	68.2	-18.15	Peak	306.00	150	Vertical	Pass
3**	5205.000	89.18	-1.10	--	--	AV	124.00	150	Vertical	N/A
3	5205.000	94.04	-1.10	--	--	Peak	124.00	150	Vertical	N/A
4**	6412.000	46.33	2.76	--	--	AV	162.00	150	Vertical	N/A
4	6412.000	51.38	2.76	68.2	-16.82	Peak	162.00	150	Vertical	Pass
5**	9900.875	44.65	18.58	--	--	AV	105.00	150	Vertical	N/A
5	9900.875	51.88	18.58	68.2	-16.32	Peak	105.00	150	Vertical	Pass
6**	14838.187	50.79	26.79	--	--	AV	52.00	150	Vertical	N/A
6	14838.187	56.91	26.79	68.2	-11.29	Peak	52.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1830.000	38.82	-14.36	--	--	AV	264.00	150	Horizontal	N/A
1	1830.000	46.31	-14.36	68.2	-21.89	Peak	264.00	150	Horizontal	Pass
2**	3168.000	40.73	-7.22	--	--	AV	241.00	150	Horizontal	N/A
2	3168.000	45.38	-7.22	68.2	-22.82	Peak	241.00	150	Horizontal	Pass
3**	5206.000	89.76	-1.03	--	--	AV	126.00	150	Horizontal	N/A
3	5206.000	93.97	-1.03	--	--	Peak	126.00	150	Horizontal	N/A
4**	6551.000	44.17	2.93	--	--	AV	36.00	150	Horizontal	N/A
4	6551.000	50.58	2.93	68.2	-17.62	Peak	36.00	150	Horizontal	Pass
5**	9909.500	44.94	18.15	--	--	AV	360.00	150	Horizontal	N/A
5	9909.500	51.14	18.15	68.2	-17.06	Peak	360.00	150	Horizontal	Pass
6**	14840.813	48.99	26.80	--	--	AV	48.00	150	Horizontal	N/A
6	14840.813	56.92	26.80	68.2	-11.28	Peak	48.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1903.020	47.11	-14.89	--	--	AV	222.50	150	Vertical	N/A
1	1903.020	50.76	-14.89	68.2	-17.45	Peak	222.50	150	Vertical	Pass
2**	2639.034	37.43	-10.25	--	--	AV	308.24	150	Vertical	N/A
2	2639.034	49.31	-10.25	68.2	-18.89	Peak	308.24	150	Vertical	Pass
3**	5290.000	88.27	-3.23	--	--	AV	126.95	150	Vertical	N/A
3	5290.000	93.28	-3.23	--	--	Peak	126.95	150	Vertical	N/A
4**	6411.406	45.80	2.36	--	--	AV	164.37	150	Vertical	N/A
4	6411.406	50.90	2.36	68.2	-17.30	Peak	164.37	150	Vertical	Pass
5**	9899.981	44.54	17.77	--	--	AV	107.14	150	Vertical	N/A
5	9899.981	51.02	17.77	68.2	-17.18	Peak	107.14	150	Vertical	Pass
6**	14838.111	50.45	25.93	--	--	AV	54.10	150	Vertical	N/A
6	14838.111	56.06	25.93	68.2	-12.14	Peak	54.10	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1829.890	38.17	-15.20	--	--	AV	266.23	150	Horizontal	N/A
1	1829.890	46.05	-15.20	68.2	-22.15	Peak	266.23	150	Horizontal	Pass
2**	3167.486	40.04	-7.86	--	--	AV	243.73	150	Horizontal	N/A
2	3167.486	45.33	-7.86	68.2	-22.87	Peak	243.73	150	Horizontal	Pass
3**	5290.000	89.23	-3.23	--	--	AV	128.39	150	Horizontal	N/A
3	5290.000	93.20	-3.23	--	--	Peak	128.39	150	Horizontal	N/A
4**	6550.513	43.32	2.48	--	--	AV	38.52	150	Horizontal	N/A
4	6550.513	49.93	2.48	68.2	-18.27	Peak	38.52	150	Horizontal	Pass
5**	9909.037	44.08	17.80	--	--	AV	362.80	150	Horizontal	N/A
5	9909.037	50.49	17.80	68.2	-17.71	Peak	362.80	150	Horizontal	Pass
6**	14839.894	48.35	26.07	--	--	AV	50.52	150	Horizontal	N/A
6	14839.894	56.41	26.07	68.2	-11.79	Peak	50.52	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1828.500	51.74	-14.38	68.2	-16.46	Peak	210.00	150	Vertical	Pass
2	3168.000	45.92	-7.22	68.2	-22.28	Peak	242.00	150	Vertical	Pass
3	5559.000	95.64	-0.20	--	--	Peak	108.00	150	Vertical	N/A
4	6473.000	50.84	3.41	68.2	-17.36	Peak	255.00	150	Vertical	Pass
5	9215.188	52.58	17.38	68.2	-15.62	Peak	289.00	150	Vertical	Pass
6	14924.812	58.29	27.41	68.2	-9.91	Peak	52.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1837.000	46.18	-14.41	68.2	-22.02	Peak	262.00	150	Horizontal	Pass
2	2460.500	43.92	-10.62	68.2	-24.28	Peak	149.00	150	Horizontal	Pass
3	5518.000	94.25	0.25	--	--	Peak	39.00	150	Horizontal	N/A
4	6955.000	51.69	3.83	68.2	-16.51	Peak	360.00	150	Horizontal	Pass
5	9887.938	52.02	17.91	68.2	-16.18	Peak	18.00	150	Horizontal	Pass
6	14839.500	56.92	26.78	68.2	-11.28	Peak	239.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1903.677	50.61	-14.29	68.2	-17.60	Peak	220.11	150	Vertical	Pass
2	3118.167	46.18	-7.94	68.2	-22.02	Peak	197.65	150	Vertical	Pass
3	5610.000	93.05	-2.54	--	--	Peak	101.78	150	Vertical	N/A
4	7008.366	51.08	16.63	68.2	-17.12	Peak	238.98	150	Vertical	Pass
5	11978.896	54.24	20.65	74	-19.76	Peak	136.25	150	Vertical	Pass
6	14842.609	56.80	26.63	68.2	-11.40	Peak	20.96	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit(dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	1828.297	51.29	-14.96	68.2	-16.91	Peak	212.83	150	Horizontal	Pass
2	3167.141	45.59	-8.20	68.2	-22.61	Peak	244.35	150	Horizontal	Pass
3	5610.000	94.73	-2.54	--	--	Peak	110.54	150	Horizontal	N/A
4	6472.612	50.36	2.74	68.2	-17.84	Peak	257.51	150	Horizontal	Pass
5	9214.622	52.50	16.78	68.2	-15.71	Peak	291.91	150	Horizontal	Pass
6	14924.288	57.53	26.43	68.2	-10.67	Peak	54.25	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1914.500	42.00	-14.05	--	--	AV	209.00	150	Vertical	N/A
1	1914.500	53.08	-14.05	68.2	-15.12	Peak	209.00	150	Vertical	Pass
2**	3168.000	41.69	-7.22	--	--	AV	236.00	150	Vertical	N/A
2	3168.000	46.08	-7.22	68.2	-22.12	Peak	236.00	150	Vertical	Pass
3**	5761.000	88.73	-0.13	--	--	AV	84.00	150	Vertical	N/A
3	5761.000	94.06	-0.13	--	--	Peak	84.00	150	Vertical	N/A
4**	6965.000	46.51	4.22	--	--	AV	211.00	150	Vertical	N/A
4	6965.000	51.29	4.22	68.2	-16.91	Peak	211.00	150	Vertical	Pass
5**	9899.437	45.50	18.59	--	--	AV	278.00	150	Vertical	N/A
5	9899.437	51.63	18.59	68.2	-16.57	Peak	278.00	150	Vertical	Pass
6**	14920.875	50.03	27.66	--	--	AV	61.00	150	Vertical	N/A
6	14920.875	56.99	27.66	68.2	-11.21	Peak	61.00	150	Vertical	Pass

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

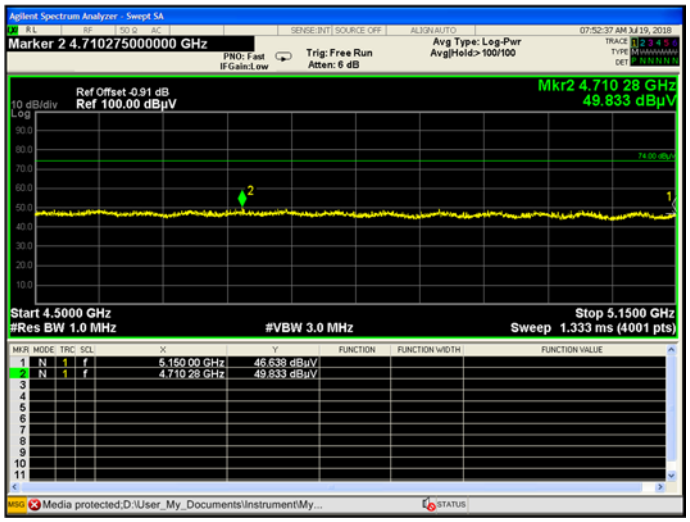
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1968.500	35.23	-13.69	--	--	AV	318.00	150	Horizontal	N/A
1	1968.500	46.67	-13.69	68.2	-21.53	Peak	318.00	150	Horizontal	Pass
2**	2460.500	38.79	-10.62	--	--	AV	149.00	150	Horizontal	N/A
2	2460.500	44.44	-10.62	68.2	-23.76	Peak	149.00	150	Horizontal	Pass
3**	5812.000	88.95	0.12	--	--	AV	48.00	150	Horizontal	N/A
3	5812.000	94.61	0.12	--	--	Peak	48.00	150	Horizontal	N/A
4**	7301.875	42.79	16.87	54.0	-11.21	AV	321.00	150	Horizontal	Pass
4	7301.875	52.29	16.87	74.0	-21.71	Peak	321.00	150	Horizontal	Pass
5**	11197.500	44.46	18.78	54.0	-9.54	AV	1.00	150	Horizontal	Pass
5	11197.500	52.31	18.78	74.0	-21.69	Peak	1.00	150	Horizontal	Pass
6**	14913.000	50.43	27.38	--	--	AV	24.00	150	Horizontal	N/A
6	14913.000	56.83	27.38	68.2	-11.37	Peak	24.00	150	Horizontal	Pass

A.7.2 Band Edge (Restricted-band)

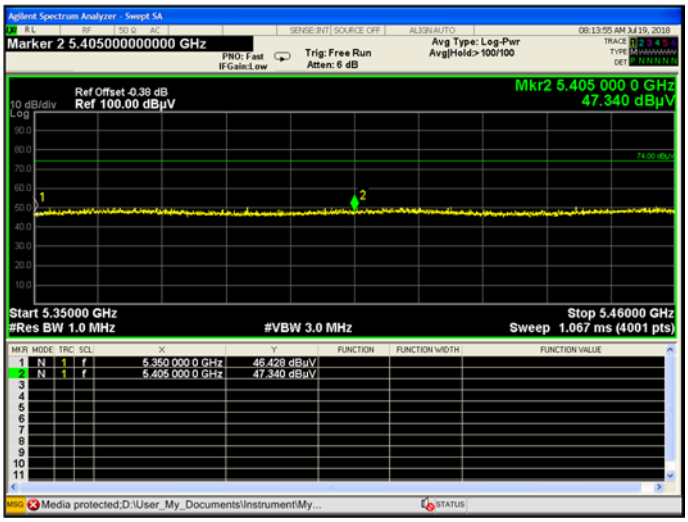
Test Band	Mode	Channel	Verdict
5.2 G	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
5.5 G	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	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
5.8 G	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

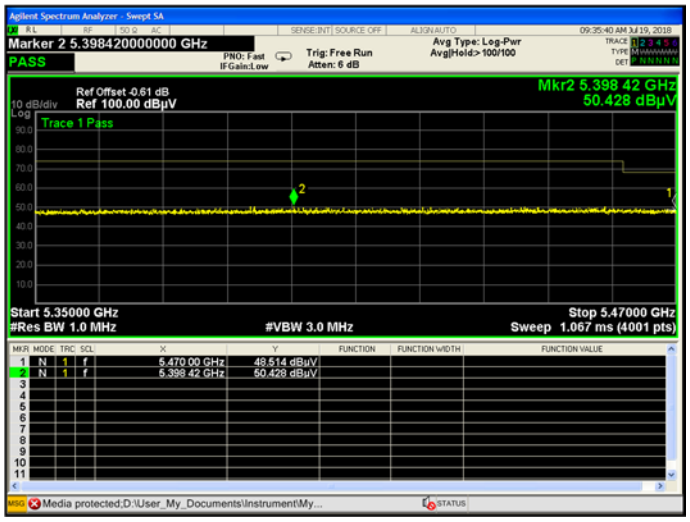
11a 5.2 G LOW CHANNEL, PEAK



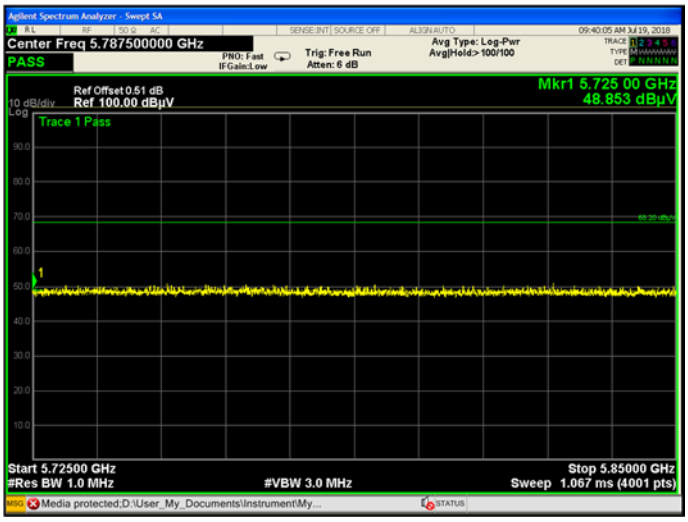
11a 5.2 G HIGH CHANNEL, PEAK



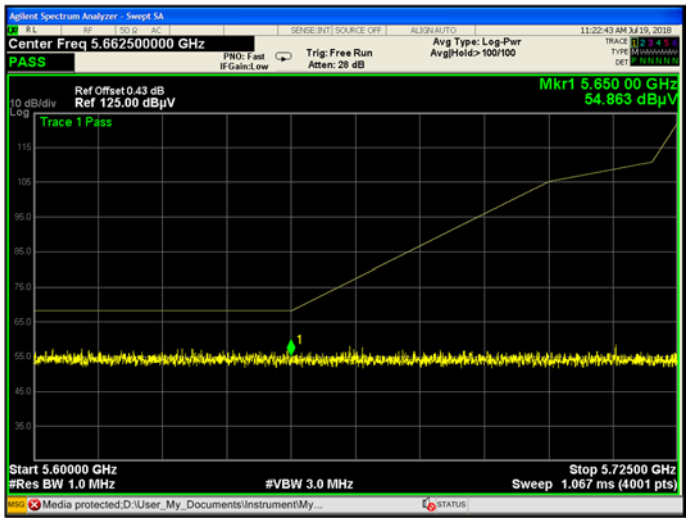
11a 5.5 G LOW CHANNEL, PEAK



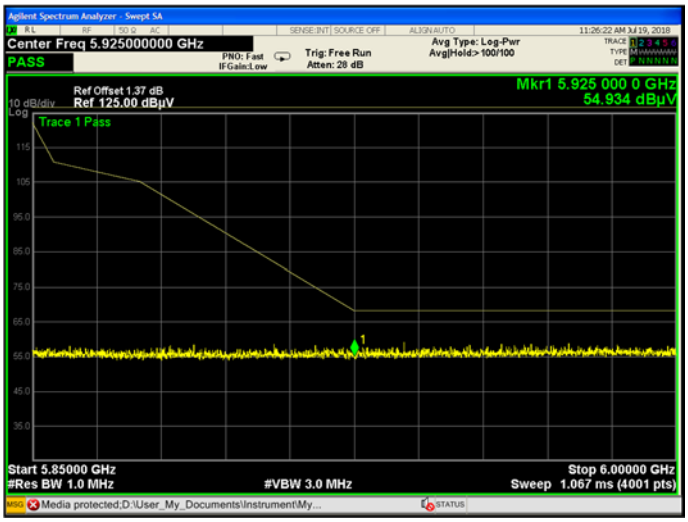
11a 5.5 G HIGH CHANNEL, PEAK



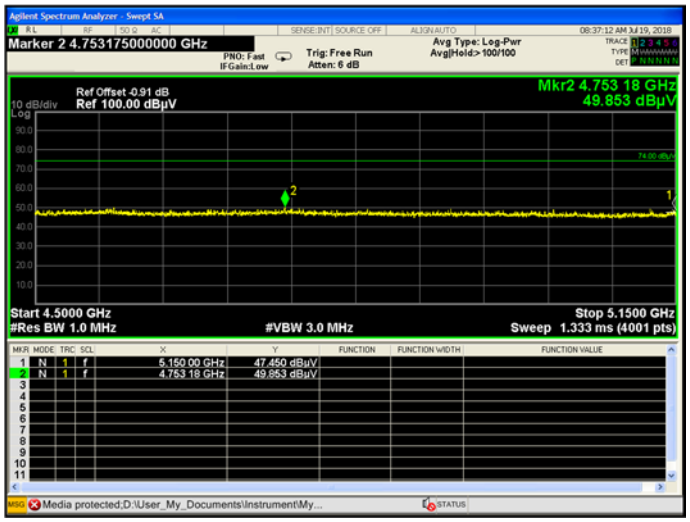
11a 5.8 G LOW CHANNEL, PEAK



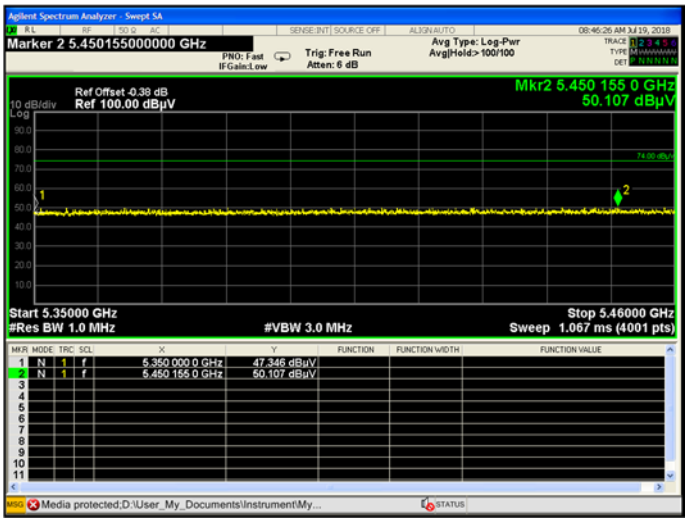
11a 5.8 G HIGH CHANNEL, PEAK



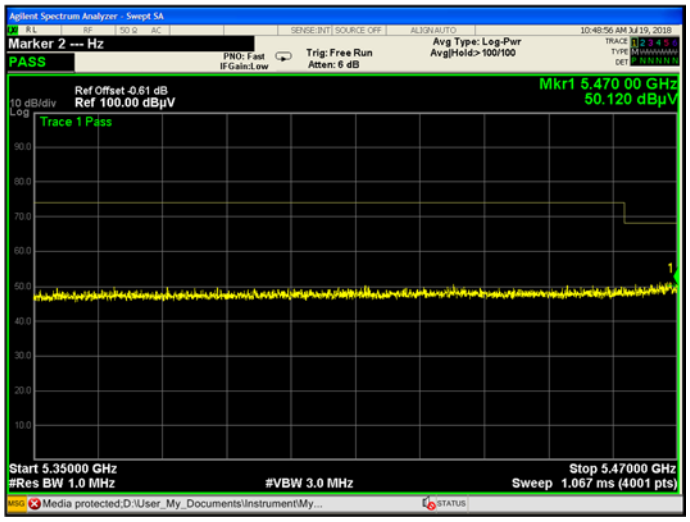
11n20 5.2 G LOW CHANNEL, PEAK



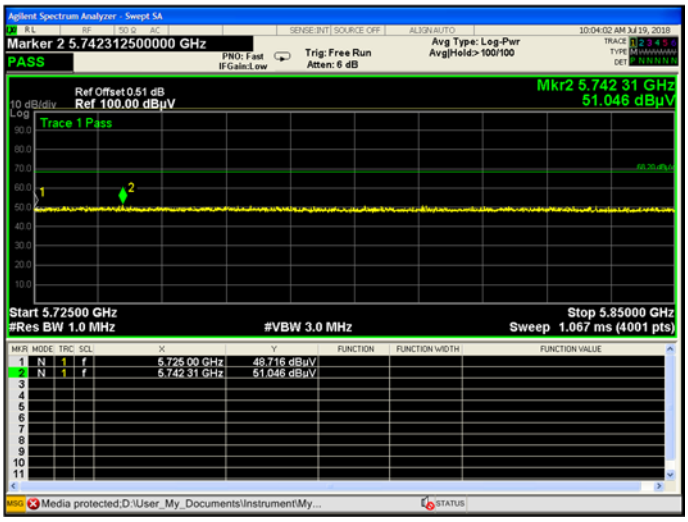
11n20 5.2 G HIGH CHANNEL, PEAK



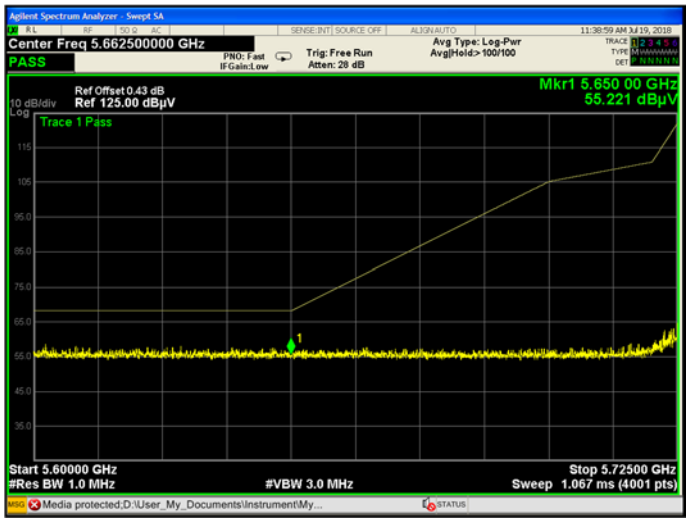
11n20 5.5 G LOW CHANNEL, PEAK



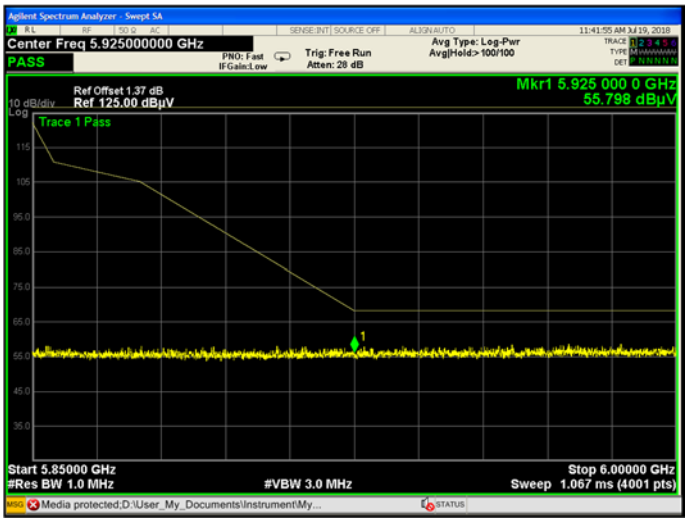
11n20 5.5 G HIGH CHANNEL, PEAK



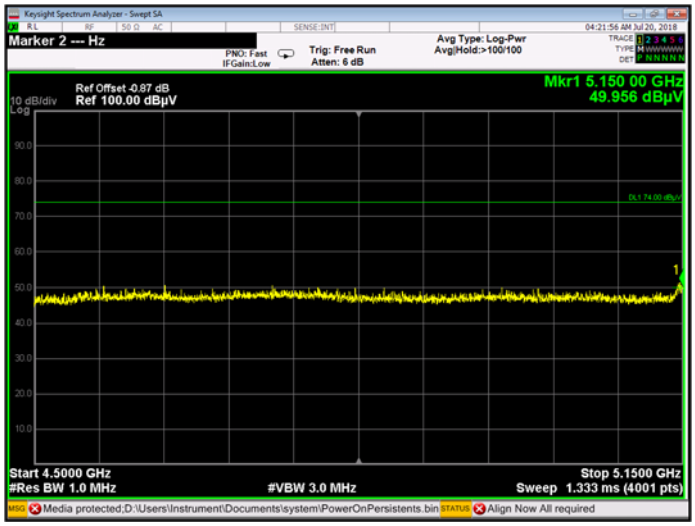
11n20 5.8 G LOW CHANNEL, PEAK



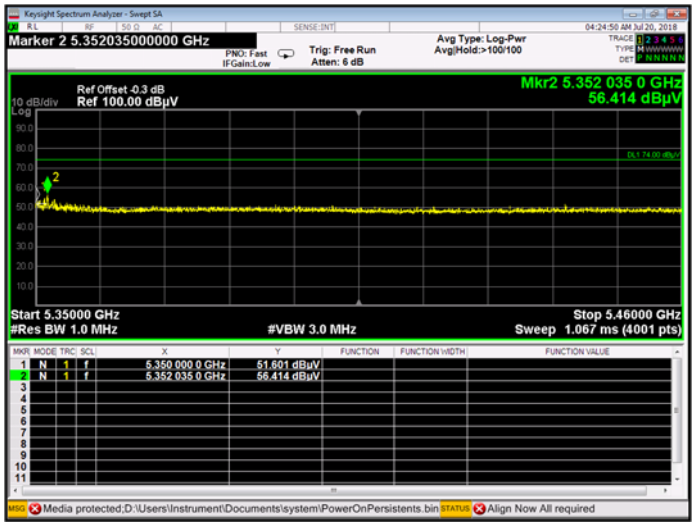
11n20 5.8 G HIGH CHANNEL, PEAK



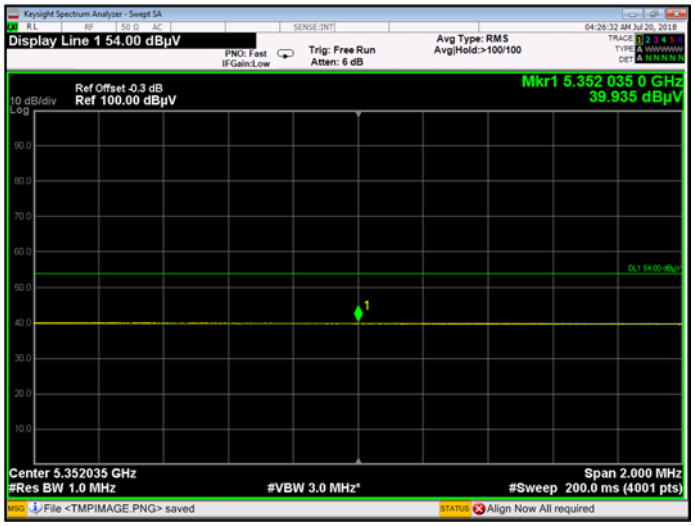
11n40 5.2 G LOW CHANNEL, PEAK



11n40 5.2 G HIGH CHANNEL, PEAK



11n40 5.2 G HIGH CHANNEL, AVERAGE



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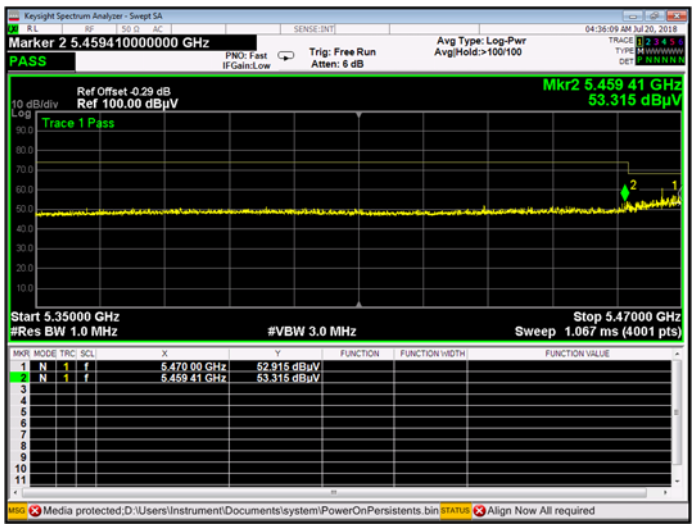
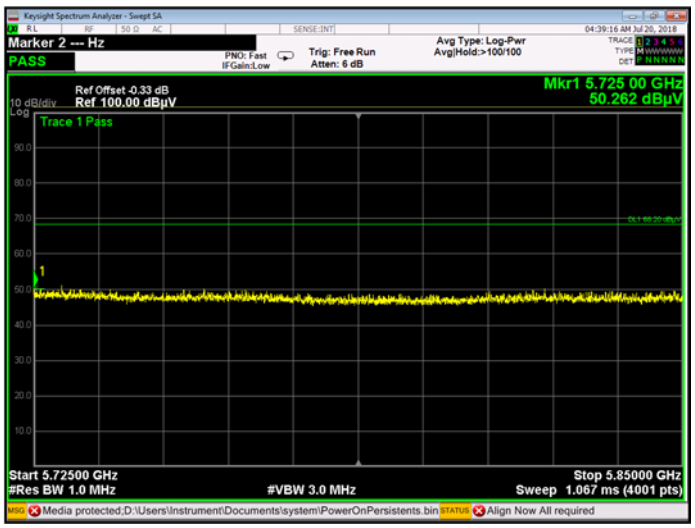


11n40 5.5 G HIGH CHANNEL, PEAK



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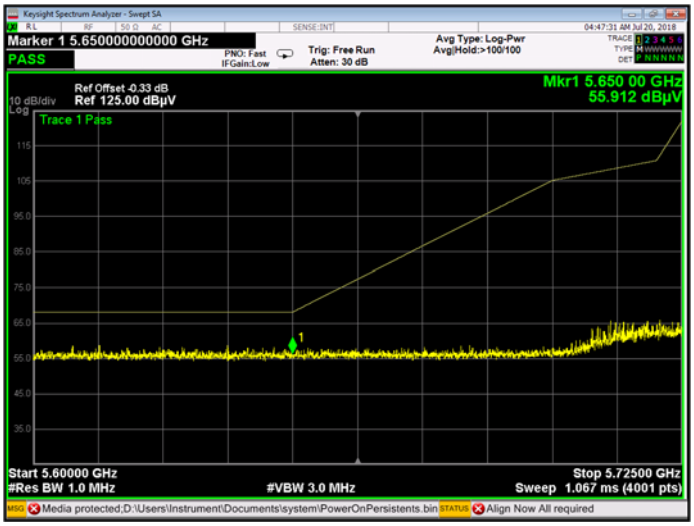
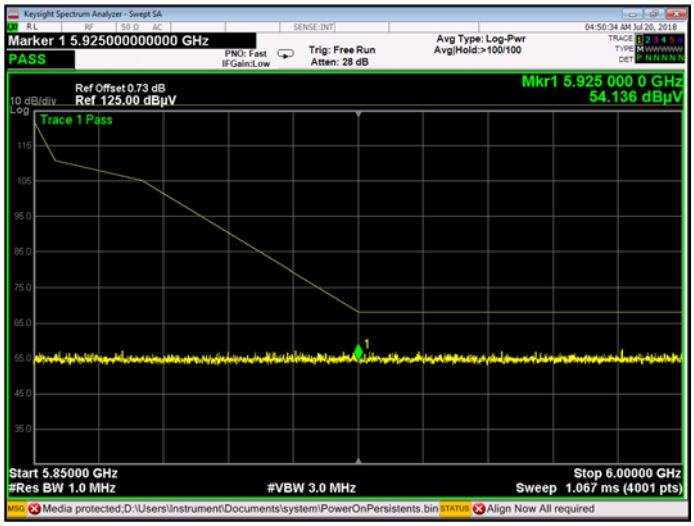
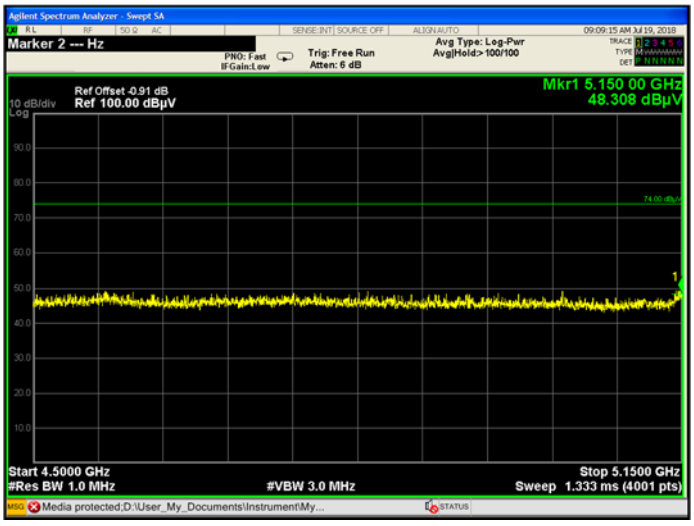


11n40 5.8 G HIGH CHANNEL, PEAK



11ac20 5.2 G LOW CHANNEL, PEAK



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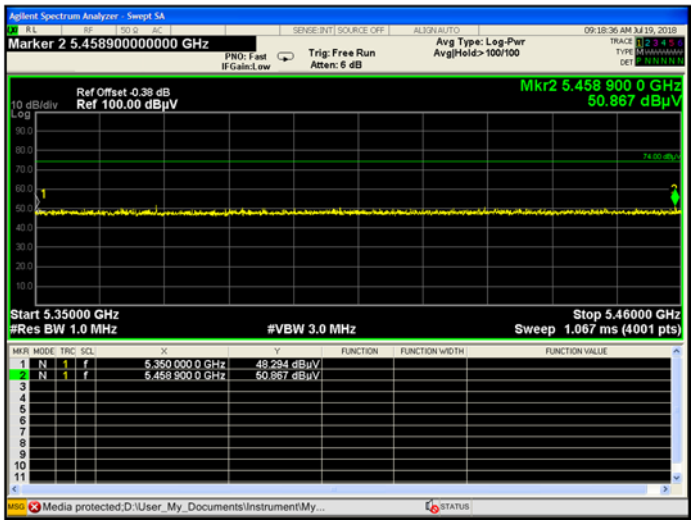

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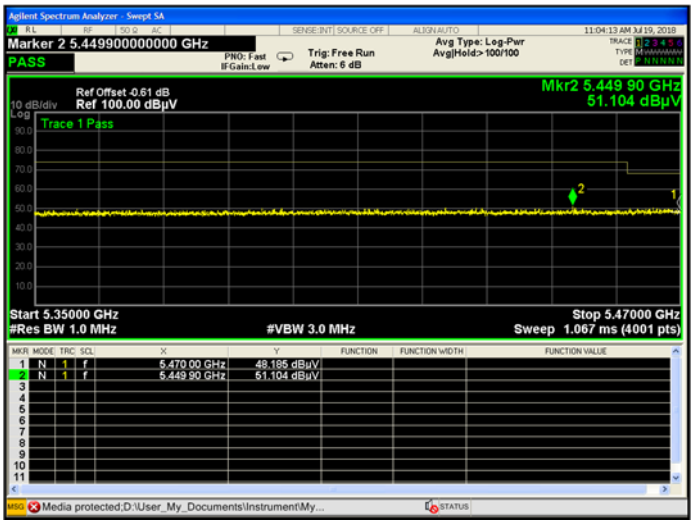
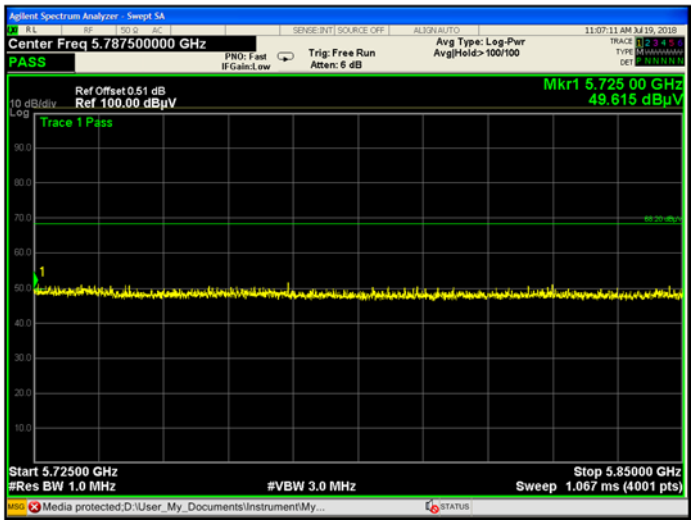


11ac20 5.5 G HIGH CHANNEL, PEAK



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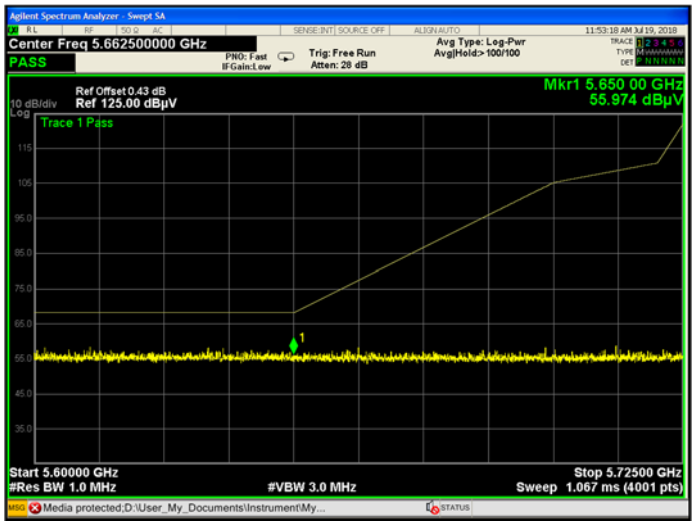

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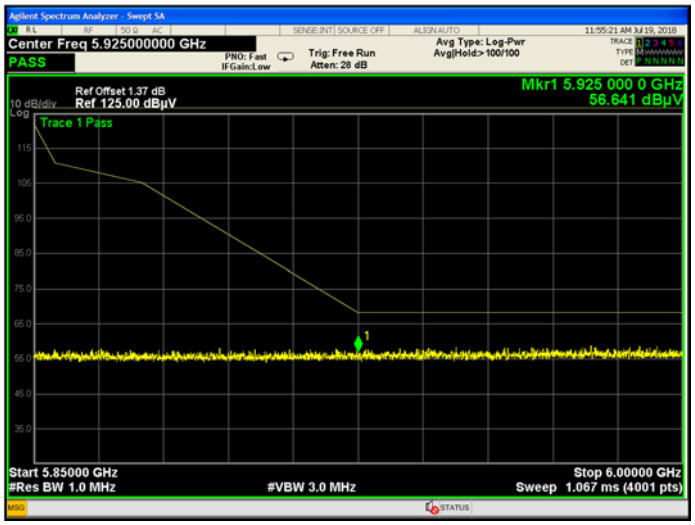

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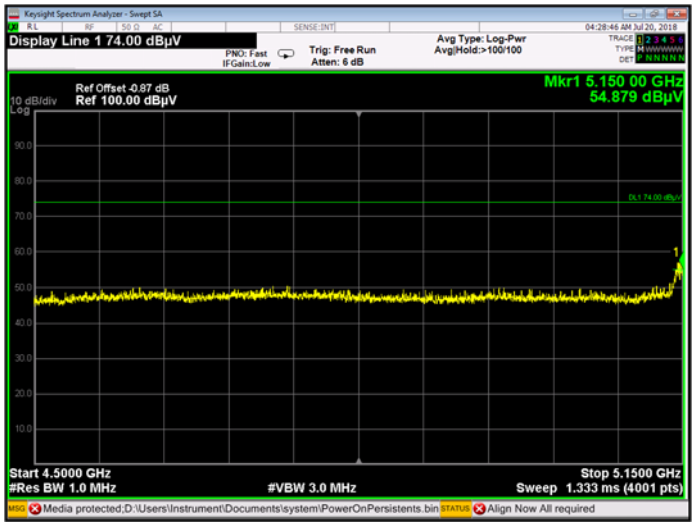
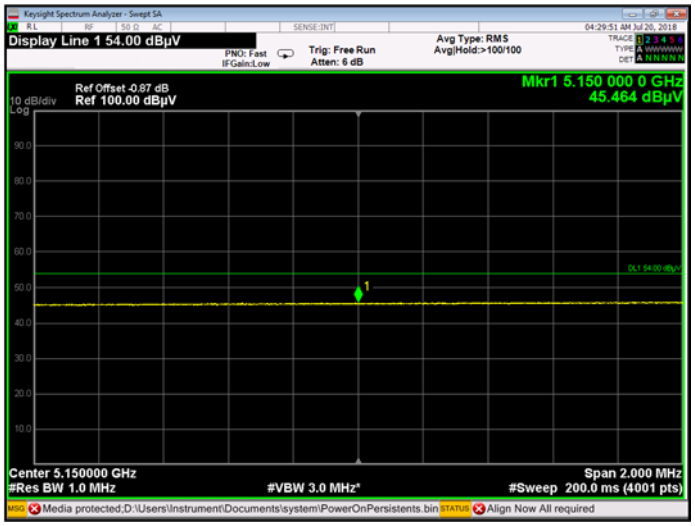


11ac40 5.2 G LOW CHANNEL, AVERAGE



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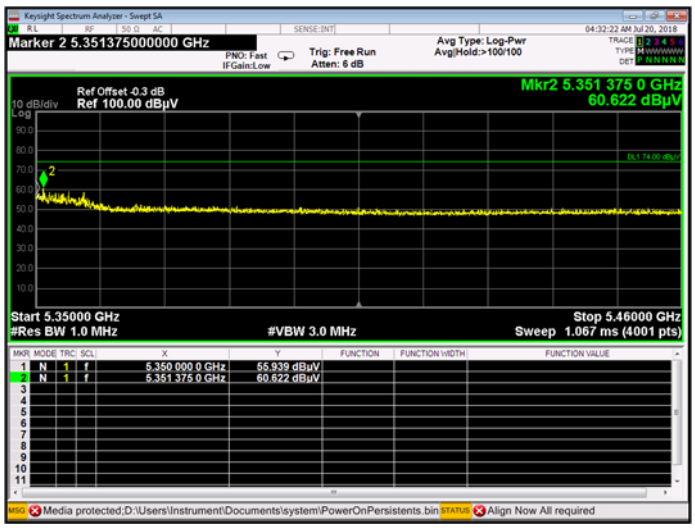
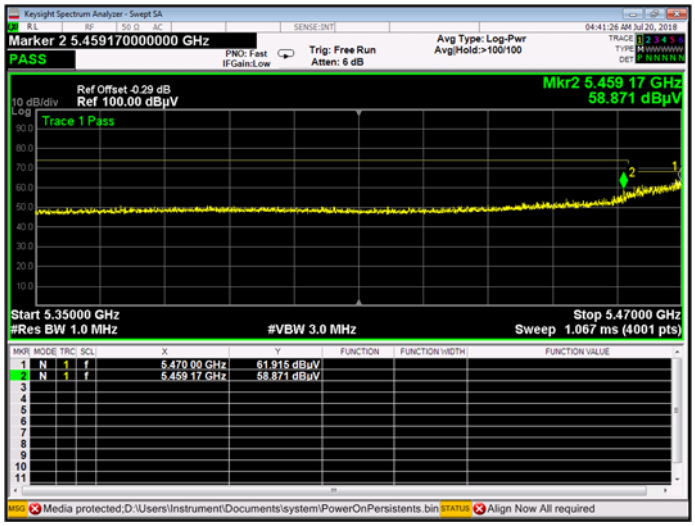


11ac40 5.2 G HIGH CHANNEL, AVERAGE

11ac40 5.5 G LOW CHANNEL, PEAK



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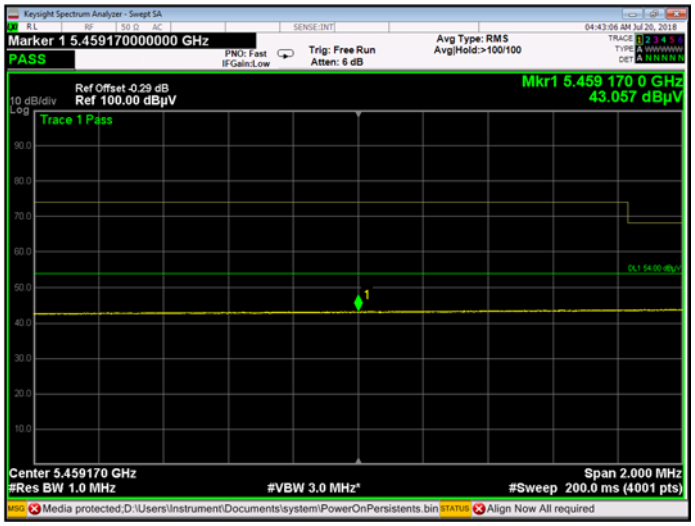
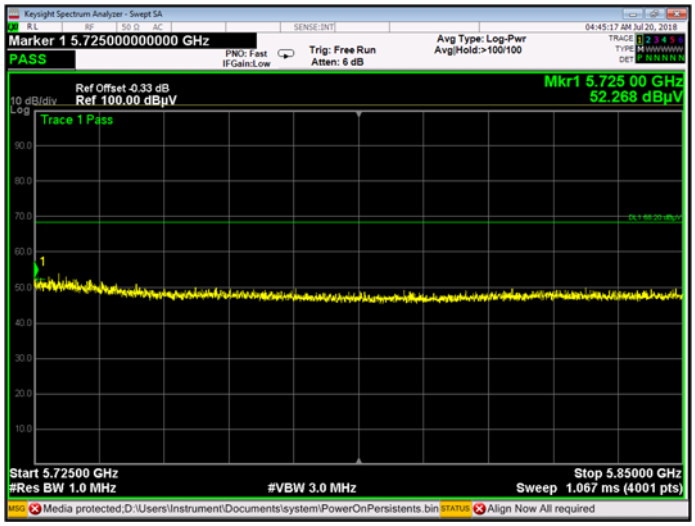


11ac40 5.5 G LOW CHANNEL, PEAK



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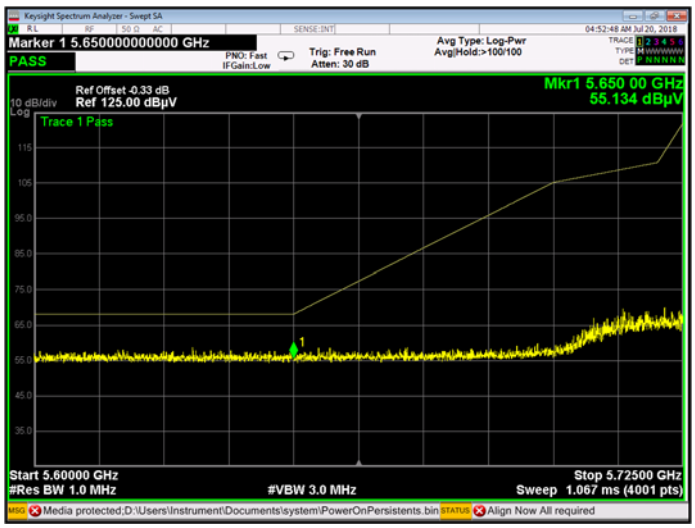
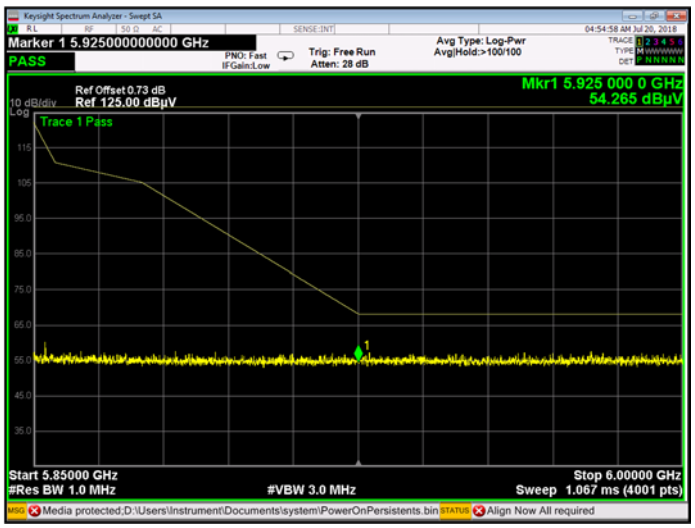
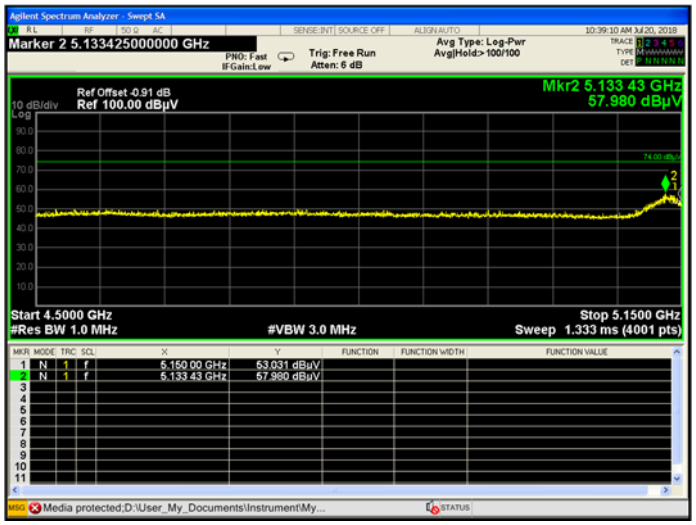


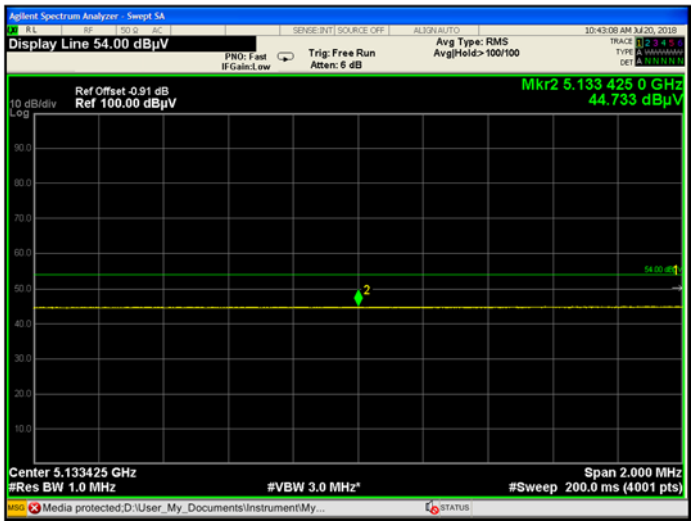
11ac40 5.8 G HIGH CHANNEL, PEAK



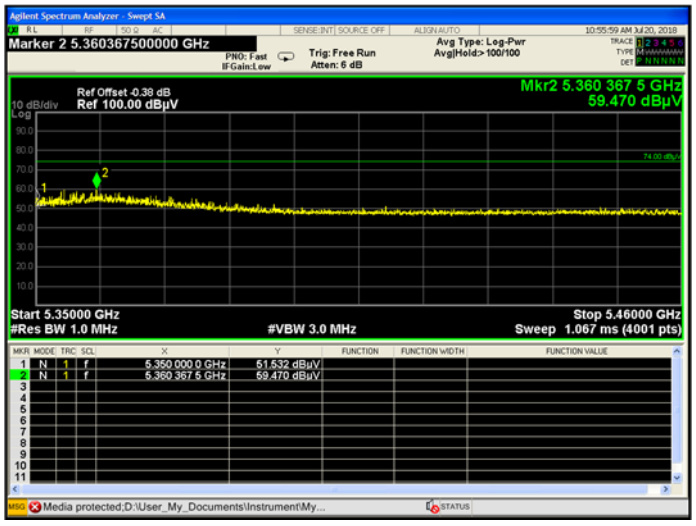
11ac80 5.2 G LOW CHANNEL, PEAK



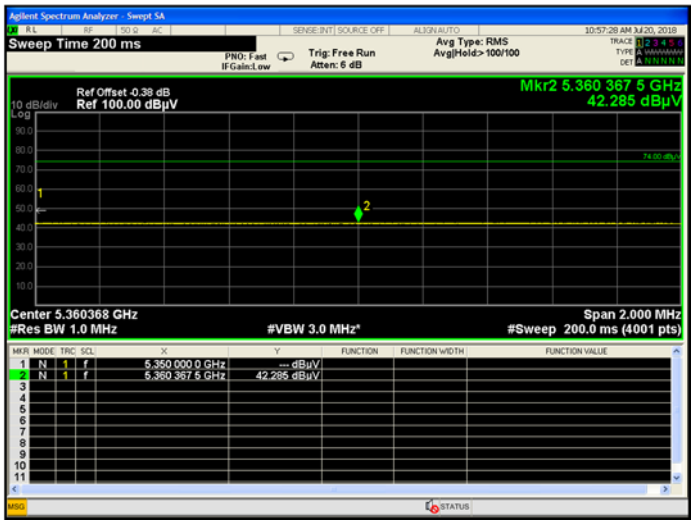
11ac80 5.2 G LOW CHANNEL, AVERAGE



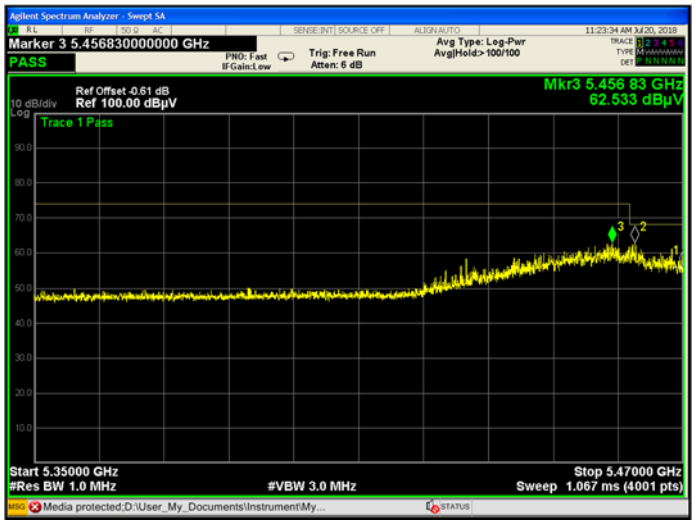
11ac80 5.2 G HIGH CHANNEL, PEAK



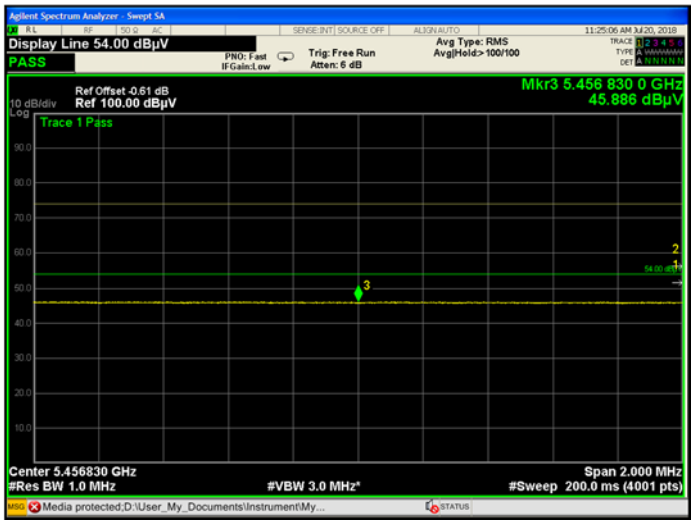
11ac80 5.2 G HIGH CHANNEL, AVERAGE



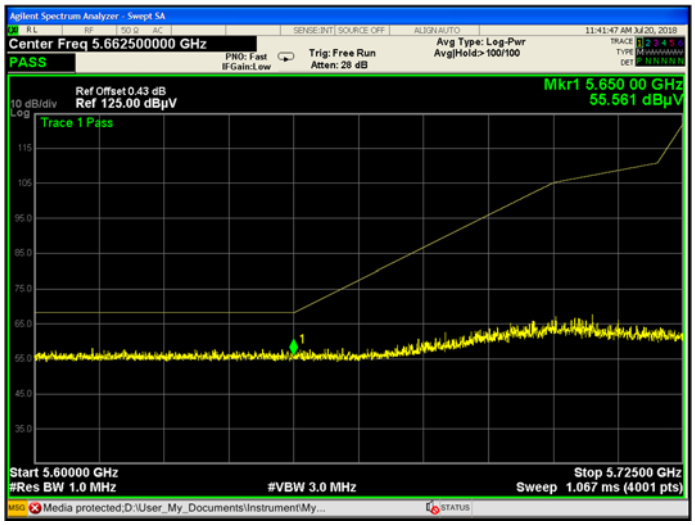
11ac80 5.5 G MIDDLE CHANNEL, PEAK



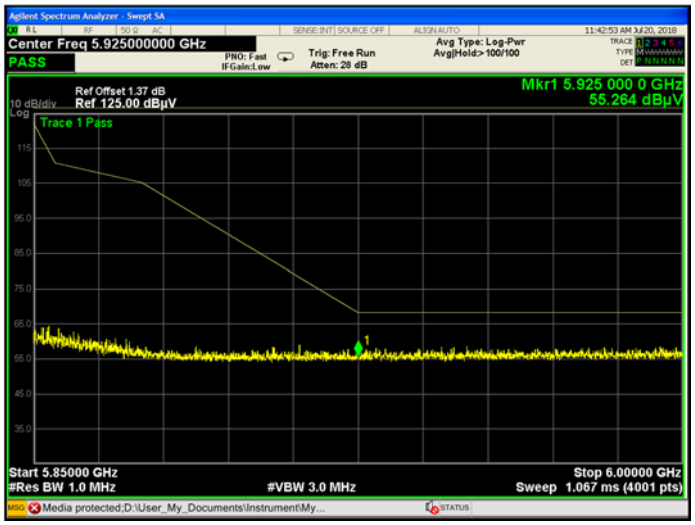
11ac80 5.5 G MIDDLE CHANNEL, AVERAGE



11ac80 5.8 G MIDDLE CHANNEL, PEAK



11ac80 5.8 G MIDDLE CHANNEL, AVERAGE



A.7 Frequency Stability

Note: The Frequency Stability please refer to the Report No. BTL-FCCP-3-1807C078 (which issued by BTL INC. on Jul. 25, 2018), **Section 8,FREQUENCY STABILITY MEASUREMENT.**

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ1870190-AR2.PDF”.

--END OF REPORT--