

FCC/ISED

RF

TEST REPORT

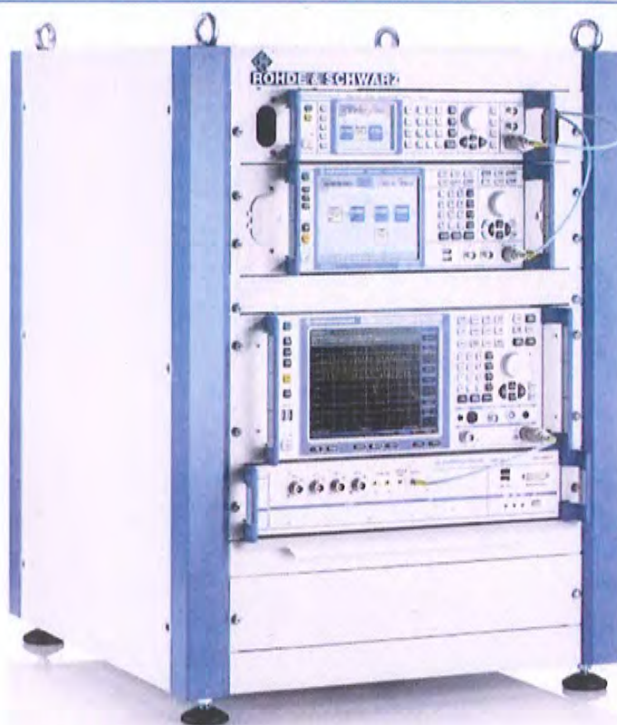
ISSUED BY  
Shenzhen BALUN Technology Co., Ltd.



FOR  
**Notebook Computer**

ISSUED TO  
Huawei Technologies Co., Ltd.

Administration Building, Headquarters of Huawei Technologies Co., Ltd.,  
Bantian, Longgang District, Shenzhen, 518129, China



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Date

*Jul 15, 2019*

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Date

*Jul. 15, 2019*

Report No.: BL-SZ1940136-604

EUT Name: Notebook Computer

Model Name: HN-W29 (refer section 2.4)

Brand Name: HUAWEI

Test Standard: 47 CFR Part 15 Subpart E

RSS-Gen (Issue 5, April 2018)

RSS-247 (Issue 2, February 2017)

FCC ID: QISHN-WX9

ISED Number: 6369A-HNWX9

Test Conclusion: Pass

Test Date: Apr. 20, 2019 ~ May 10, 2019

Date of Issue: Jul. 15, 2019

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### Revision History

<u>Version</u>	<u>Issue Date</u>	<u>Revisions Content</u>
<u>Rev. 01</u>	<u>Jul. 03, 2019</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Jul. 15, 2019</u>	<u>Update the Applicant Information on page 5</u>

## 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	Technical Information .....	6
2.6	Additional Instructions .....	7
2.7	Channel List .....	10
3	SUMMARY OF TEST RESULTS .....	13
3.1	Test Standards .....	13
3.2	Verdict .....	13
4	GENERAL TEST CONFIGURATIONS .....	14
4.1	Test Environments .....	14
4.2	Test Equipment List .....	14
4.3	Measurement Uncertainty .....	15
4.4	Description of Test Setup .....	16
5	TEST ITEMS .....	19
5.1	RF Output Power .....	19
5.2	Emission Bandwidth and 6 dB Bandwidth .....	20
5.3	Power Spectral density (PSD) .....	21
5.4	Conducted Emission .....	22

5.5	Radiated Spurious Emissions and Band Edge (Restricted-band).....	23
5.6	Frequency Stability.....	28
ANNEX A	TEST RESULT .....	29
A.1	RF Output Power .....	29
A.2	Emission Bandwidth & 99% Bandwidth .....	37
A.3	6 dB Bandwidth.....	41
A.4	Power Spectral Density.....	42
A.5	Conducted Emissions .....	47
A.6	Radiated Spurious Emissions and Band Edge (Restricted-band).....	49
A.7	Frequency Stability.....	277
ANNEX B	TEST SETUP PHOTOS.....	279
ANNEX C	EUT EXTERNAL PHOTOS.....	279
ANNEX D	EUT INTERNAL PHOTOS .....	279

# 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	<p>The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 11524A-1.</p> <p>The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.</p> <p>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.</p> <p>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.</p>
Description	All measurement facilities used to collect the measurement data are located at Block B, FL 1, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China 518055

## 1.3 Laboratory Condition

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

## 1.4 Announce

- (1) The test report reference to the report template version v4.3.
- (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	Huawei Technologies Co., Ltd.
Address	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, China

### 2.2 Manufacturer

Manufacturer	Huawei Technologies Co., Ltd.
Address	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, China

### 2.3 Factory

Factory	N/A
Address	N/A

### 2.4 General Description for Equipment under Test (EUT)

EUT Name	Notebook Computer
Model Name Under Test	HN-W29
Series Model Name	HN-W19, HN-WXXXXX
Description of Model name differentiation	The "X" in model name can be 0 to 9, A to Z, a to z, "-" or blank, only differences are model names for trading purpose
Hardware Version	NX8311_PCB_MB
Software Version	2.191.0.7(C001)
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

## 2.5 Technical Information

Network and Wireless connectivity	Bluetooth 5.0 (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80)
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	Band I: 5150 MHz to 5250 MHz Band II: 5250 MHz to 5350 MHz Band III: 5470 MHz to 5725 MHz Band IV: 5725 MHz to 5850 MHz	
Product Type	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> 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	ANT A (Main)	Band I: 12.0 dBm Band II: 12.0 dBm Band III: 12.0 dBm Band IV: 12.0 dBm
	ANT B (Aux)	Band I: 12.0 dBm Band II: 12.0 dBm Band III: 12.0 dBm Band IV: 12.0 dBm
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD)	
Categorization as Correlated or Completely Uncorrelated	Correlated	
Antenna Type	ANT A (Main)	PIFA Antenna
	ANT B (Aux)	
Antenna Gain	ANT A (Main)	0.5 dBi
	ANT B (Aux)	
Total directional gain	For power spectral density(PSD) measurements	3.5 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = $10 \log(NANT/NSS)$ dB. NSS =1, GANT set equal to the gain of the antenna having the highest gain.
	For power measurements	0.5 dBi Formulas: Directional gain = GANT + Array Gain, <i>Array Gain</i> = 0.
About the Product	The equipment is HUAWEI MateBook, intended for used with information technology equipment.	

## 2.6 Additional Instructions

EUT Software Settings:

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

Test Software Version	DRTU
-----------------------	------

Band I (5150 - 5250 MHz ) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			ANT 0	ANT 1	MIMO-ANT 0	MIMO-ANT 1
11a	CH36	5180	12.0	12.5	-	-
11a	CH44	5220	12.0	12.5	-	-
11a	CH48	5240	12.0	12.5	-	-
11n (HT20)	CH36	5180	12.5	12.5	9.0	9.0
11n (HT20)	CH44	5220	12.0	12.5	9.0	9.0
11n (HT20)	CH48	5240	12.0	12.5	9.0	9.0
11n (HT40)	CH38	5190	12.0	12.5	9.0	9.5
11n (HT40)	CH46	5230	12.0	12.5	9.0	9.5
11ac (VHT20)	CH36	5180	12.5	12.5	9.0	9.0
11ac (VHT20)	CH44	5220	12.0	12.5	9.0	9.0
11ac (VHT20)	CH48	5240	12.0	12.5	9.0	9.0
11ac (VHT40)	CH38	5190	12.0	12.5	9.5	9.5
11ac (VHT40)	CH46	5230	12.0	12.5	9.0	9.5
11ac (VHT80)	CH42	5210	13.0	13.0	10.0	10.0

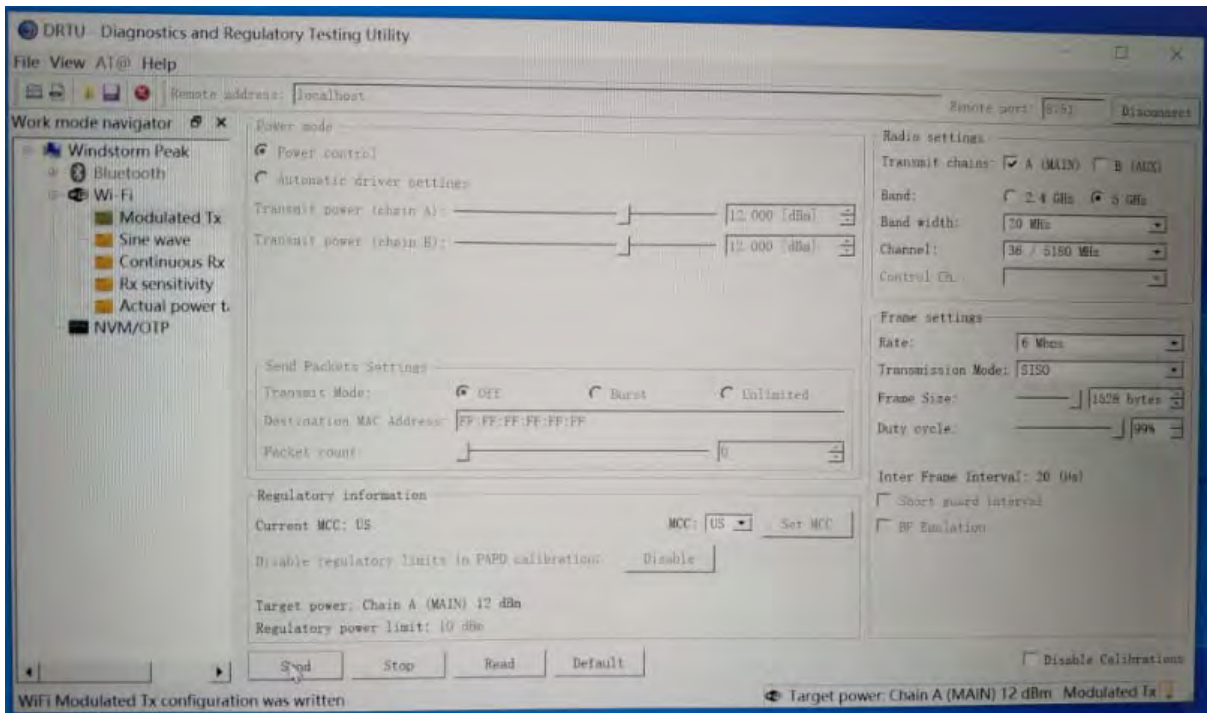
Band II (5250 - 5350 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			ANT 0	ANT 1	MIMO-ANT 0	MIMO-ANT 1
11a	CH52	5260	12.0	12.5	-	-
11a	CH60	5300	12.0	12.5	-	-
11a	CH64	5320	11.5	12.5	-	-
11n (HT20)	CH52	5260	12.0	12.5	9.0	9.0
11n (HT20)	CH60	5300	12.0	12.0	8.5	9.0
11n (HT20)	CH64	5320	12.0	12.0	8.5	9.0
11n (HT40)	CH54	5270	12.0	13.0	9.0	9.5
11n (HT40)	CH62	5310	11.5	13.0	9.0	9.5
11ac (VHT20)	CH52	5260	12.0	13.0	9.0	9.0
11ac (VHT20)	CH60	5300	12.0	13.0	8.5	9.0
11ac (VHT20)	CH64	5320	12.0	13.0	8.5	9.5
11ac (VHT40)	CH54	5270	12.0	13.0	9.5	9.5
11ac (VHT40)	CH62	5310	11.5	13.0	9.0	10.0
11ac (VHT80)	CH58	5290	12.5	13.0	9.5	10.0

Band III (5470 - 5725 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			ANT 0	ANT 1	MIMO-ANT 0	MIMO-ANT 1
11a	CH100	5500	12.5	12.0	-	-
11a	CH116	5580	12.0	12.0	-	-
11a	CH140	5700	12.0	12.0	-	-
11a	CH144	5720	12.0	12.0	-	-
11n (HT20)	CH100	5500	12.5	13.0	9.0	8.5
11n (HT20)	CH116	5580	12.0	12.0	8.5	8.5
11n (HT20)	CH140	5700	12.0	13.0	8.5	9.5
11n (HT20)	CH144	5720	12.0	13.0	8.5	9.5
11n (HT40)	CH102	5510	12.5	12.0	9.5	8.5
11n (HT40)	CH118	5590	12.0	12.0	9.0	9.0
11n (HT40)	CH134	5670	12.0	13.0	9.0	10.0
11n (HT40)	CH142	5710	12.0	13.0	9.0	10.0
11ac (VHT20)	CH100	5500	12.5	12.0	9.0	8.5
11ac (VHT20)	CH116	5580	12.0	12.0	9.0	8.5
11ac (VHT20)	CH140	5700	12.0	13.0	8.5	9.5
11ac (VHT20)	CH144	5720	12.0	13.0	8.5	9.5
11ac (VHT40)	CH102	5510	12.5	12.0	9.5	9.0
11ac (VHT40)	CH118	5590	12.0	12.0	9.0	9.0
11ac (VHT40)	CH134	5670	12.0	13.0	9.0	10.0
11ac (VHT40)	CH142	5710	12.0	13.0	9.0	10.0
11ac (VHT80)	CH106	5530	13.0	12.5	10.0	9.5
11ac (VHT80)	CH122	5610	13.0	13.0	10.0	10.0
11ac (VHT80)	CH138	5690	12.5	13.0	9.5	10.0



Band IV (5725 - 5850 MHz) Power level setup in software						
Mode	Channel	Frequency (MHz)	Soft Set			
			ANT 0	ANT 1	MIMO-ANT 0	MIMO-ANT 1
11a	CH149	5745	12.0	13.0	-	-
11a	CH157	5785	12.0	12.5	-	-
11a	CH165	5825	12.5	12.5	-	-
11n (HT20)	CH149	5745	12.0	13.5	8.5	9.5
11n (HT20)	CH157	5785	12.0	13.0	9.0	9.0
11n (HT20)	CH165	5825	12.5	13.0	9.0	9.0
11n (HT40)	CH151	5755	12.0	13.0	9.0	10.0
11n (HT40)	CH159	5795	12.0	13.0	9.5	10.0
11ac (VHT20)	CH149	5745	12.0	13.5	8.5	9.5
11ac (VHT20)	CH157	5785	12.0	13.0	9.0	9.0
11ac (VHT20)	CH165	5825	12.5	13.0	9.0	9.0
11ac (VHT40)	CH151	5755	12.0	13.0	9.0	10.0
11ac (VHT40)	CH159	5795	12.0	13.0	9.5	10.0
11ac (VHT80)	CH155	5775	12.5	13.5	9.5	11.0

Run Software



## 2.7 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	142	5710		
108	5540	151	5755		
112	5560	159	5795		
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

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

Band III (5470 - 5725 MHz)		Band IV (5725 - 5850 MHz)	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
100	5500	149	5745
116	5580	157	5785
140	5700	165	5825
144	5720		

For 802.11n (HT40)/ac(VHT40)

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

Band III (5470 - 5725 MHz)		Band IV (5725 - 5850 MHz)	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
102	5510	151	5755
118	5590	159	5795
134	5670		
142	5710		

For 802.11ac(VHT80)

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

Band III (5470 - 5725 MHz)		Band IV (5725 - 5850 MHz)	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
106	5530	155	5775
122	5610		
138	5690		

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

Test Items	Mode	Data Rate	Modulation Type	Band I	Band II	Band III	Band IV
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(80 MHz)	VHT0		42	58	138/122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(80 MHz)	VHT0		42	58	138/122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	VHT0		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(80 MHz)	VHT0		42	58	138/122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(80 MHz)	VHT0		42	58	138/122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151
	11ac(80 MHz)	VHT0		42	58	138/122/106	155
Frequency Stability	Unmodulated	N/A	N/A	36	N/A	N/A	165

The following data rates were selected based on preliminary testing that identified those rates as the worst cases for output power and spurious levels at the band edges:

802.11a: 6Mbps

802.11n20 and 802.11n40(SISO) :HT0

802.11n20 and 802.11n40(MIMO) :HT8

802.11ac80(SISO): VHT0

802.11ac80(MIMO): VHT0

### 3 SUMMARY OF TEST RESULTS

#### 3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E (10-1-16 Edition)	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v01r04	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	RSS-Gen (Issue 5, Apr. 2018)	General Requirements for Compliance of Radio Apparatus
5	RSS-247 (Issue 2, February 2017)	Digital Transmission Systems (DTSs), Frequency Hopping Systems(FHSs) and Licence-Exemp Local Area Network (LE-LAN) Devices
6	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 <sup>Note1</sup>
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
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
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 <sup>Note2</sup>

Note <sup>1</sup>: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note <sup>2</sup>: Only radio communication receivers operating in stand-alone mode within the band 30-960 MHz, as well as scanner receivers, are subject to Industry Canada requirements, so this test is not applicable

## 4 GENERAL TEST CONFIGURATIONS

### 4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	45% to 55%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22°C to +25°C
	LT (Low Temperature)	0°C
	HT (High Temperature)	+35°C
Working Voltage of the EUT	NV (Normal Voltage)	11.4 V
	LV (Low Voltage)	10.8 V
	HV (High Voltage)	12 V

### 4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-30	103118	2018.06.15	2019.06.14
Switch Unit with OSP-B157	ROHDE&SCHWARZ	OSP120	101270	2018.06.15	2019.06.14
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2018.11.07	2019.11.06
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2018.06.13	2019.06.12
LISN	SCHWARZBECK	NSLK 8127	8127-687	2018.06.13	2019.06.12
Bluetooth Tester	ROHDE&SCHWARZ	CBT	101005	2018.06.15	2019.06.14
Power Splitter	KMW	DCPD-LDC	1305003215	--	--
Power Sensor	ROHDE&SCHWARZ	NRP-Z21	103971	2018.06.15	2019.06.14
Attenuator (20 dB)	KMW	ZA-S1-201	110617091	--	--
Attenuator (6 dB)	KMW	ZA-S1-61	1305003189	--	--
DC Power Supply	ROHDE&SCHWARZ	HMP2020	018141664	2018.06.14	2019.06.13
Temperature Chamber	ANGELANTIONI SCIENCE	NTH64-40A	1310	2018.06.26	2019.06.25
Test Antenna- Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-037	2017.11.09	2019.11.08
Test Antenna- Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-624	2017.07.22	2019.07.21
Test Antenna- Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-1148	2018.07.11	2020.07.10
Test Antenna- Horn(15-26.5 GHz)	SCHWARZBECK	BBHA 9170	9170-305	2018.06.21	2019.06.20
Test Antenna- Horn (18-40 GHz)	A-INFO	LB- 180400KF	J211060273	2019.01.05	2021.01.04
Anechoic Chamber	RAINFORD	9m*6m*6m	N/A	2017.02.21	2020.02.20
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	N/A	2017.08.08	2019.08.07
Shielded Enclosure	ChangNing	CN-130701	130703	--	--
Signal Generator	ROHDE&SCHWARZ	SMB100A	177746	2018.06.15	2019.06.14
Power Amplifier	OPHIR RF	5225F	1037	2019.02.28	2020.02.27

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Power Amplifier	OPHIR RF	5273F	1016	2019.02.28	2020.02.27
Directional Coupler	Werlantone	C5982-10	109275	N/A	N/A
Directional Coupler	Werlantone	CHP-273E	S00801z-01	N/A	N/A
Feld Strength Meter	Narda	EP601	511WX51129	2018.05.21	2019.05.20
Mouth Simulator	B&K	4227	2423931	2018.11.15	2019.11.14
Sound Calibrator	B&K	4231	2430337	2018.11.15	2019.11.14
Sound Level Meter	B&K	NL-20	00844023	2018.11.15	2019.11.14
Ear Simulator	B&K	4185	2409449	2018.11.15	2019.11.14
Ear Simulator	B&K	4195	2418189	2018.11.15	2019.11.14
Audio analyzer	B&K	UPL 16	100129	2018.11.15	2019.11.14

### 4.3 Measurement Uncertainty

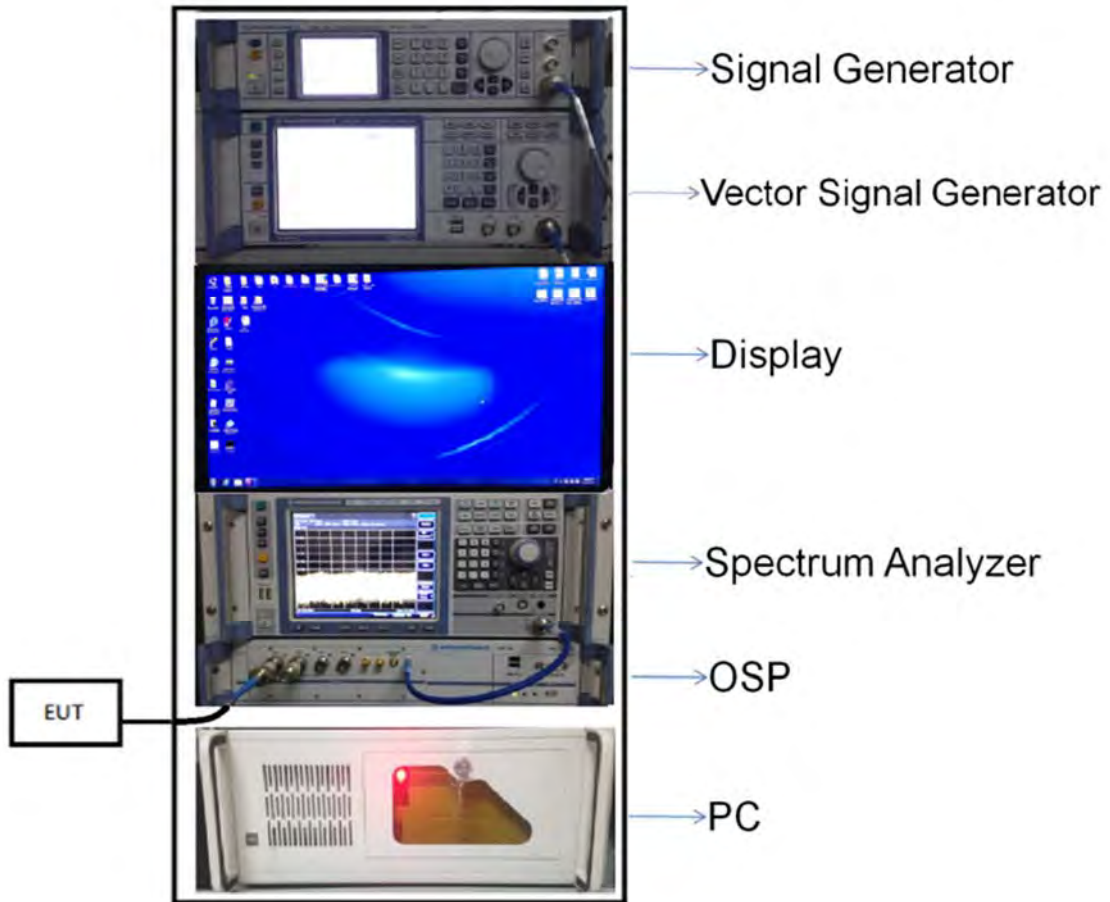
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Measurement	Value
Occupied Channel Bandwidth	$\pm 4\%$
RF output power, conducted	$\pm 1.4$ dB
Power Spectral Density, conducted	$\pm 2.5$ dB
Unwanted Emissions, conducted	$\pm 2.8$ dB
All emissions, radiated	$\pm 5.4$ dB
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 4\%$

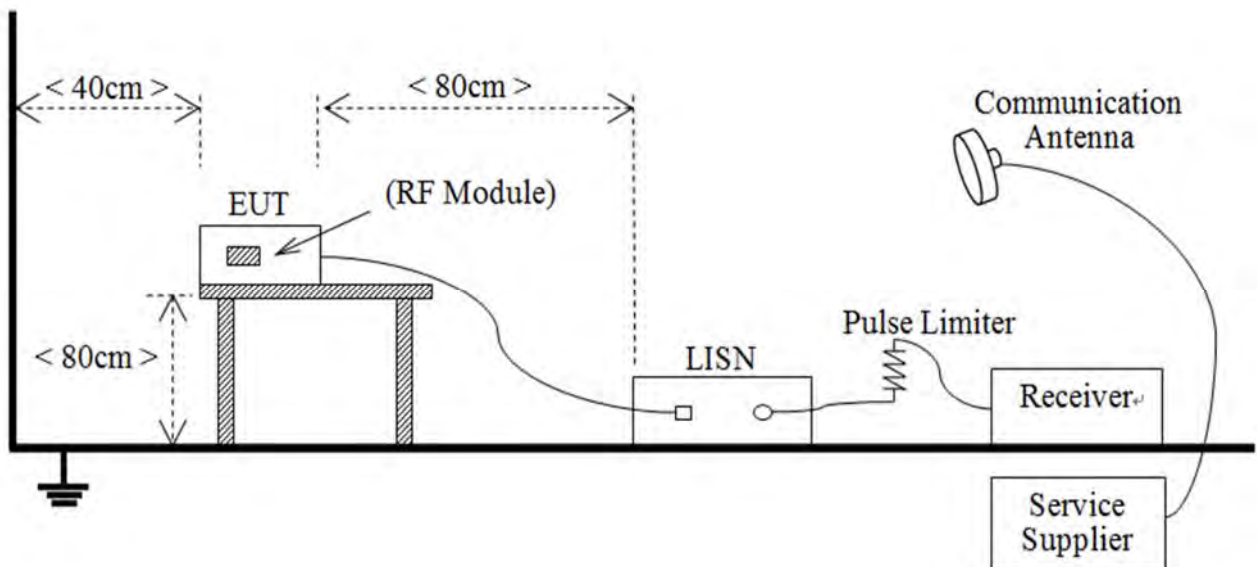
### 4.4 Description of Test Setup

#### 4.4.1 For Antenna Port Test



(Diagram 1)

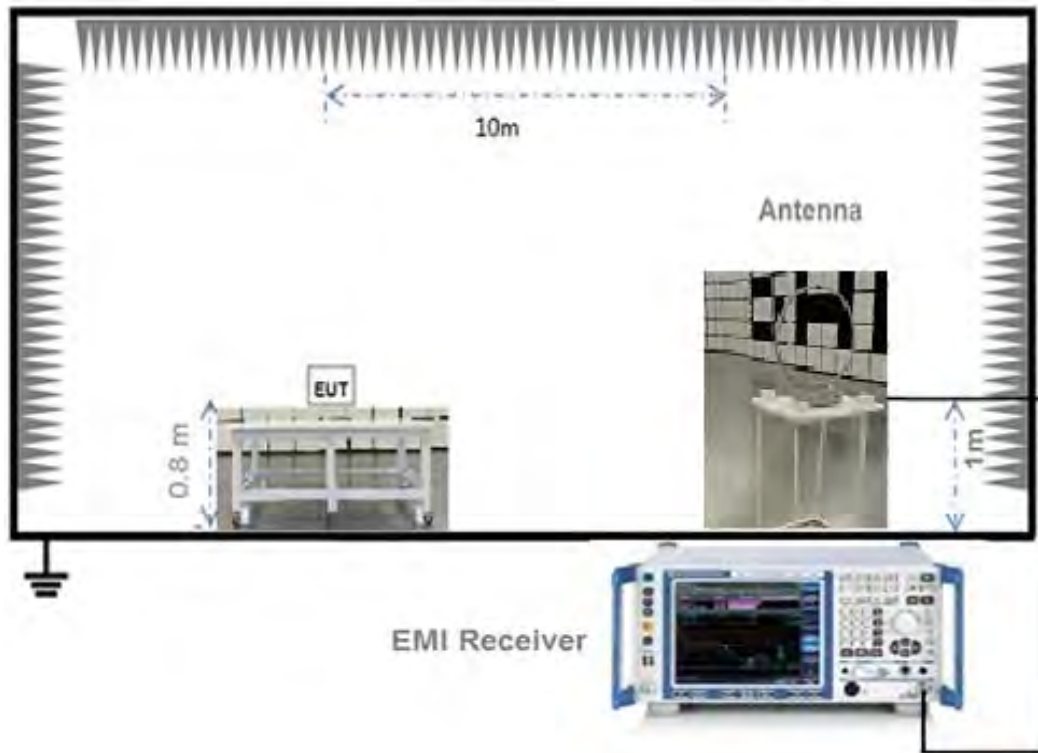
#### 4.4.2 For AC Power Supply Port Test



(Diagram 2)

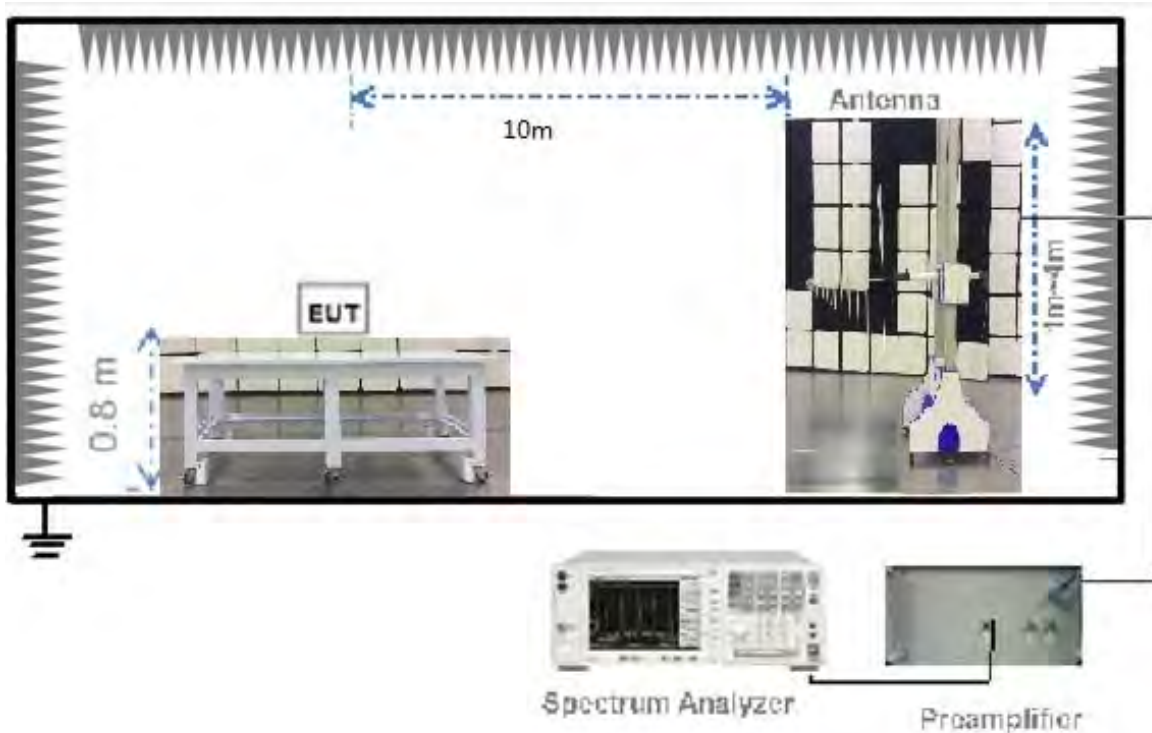


4.4.3 For Radiated Test (Below 30 MHz)



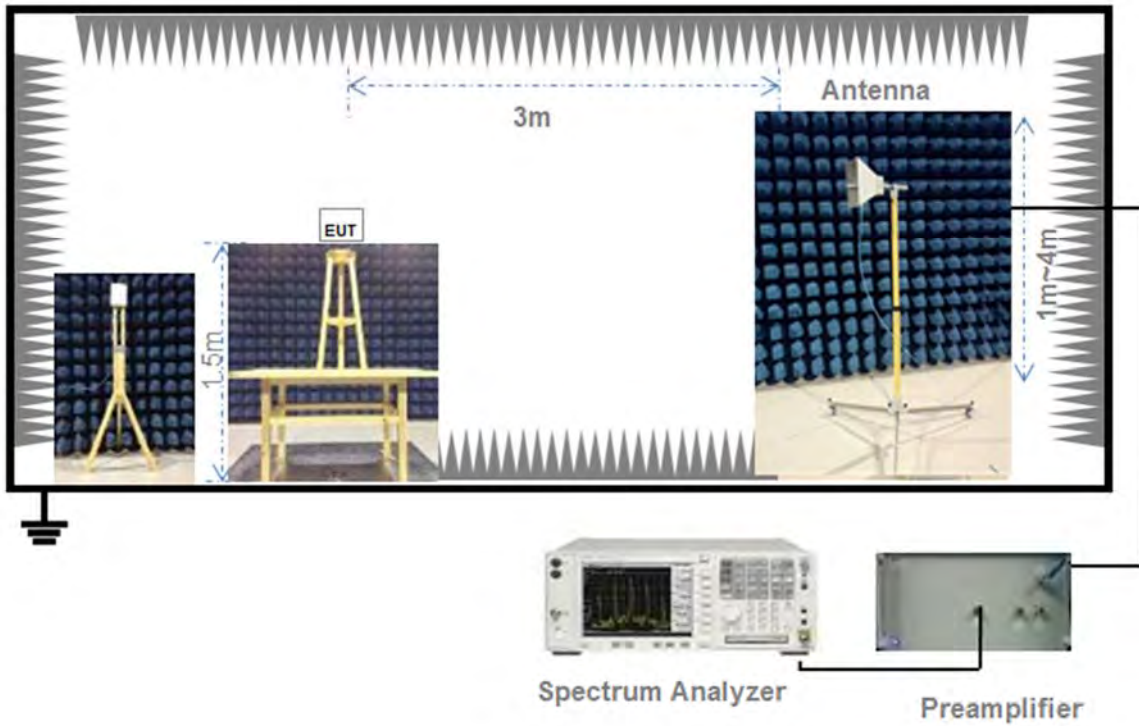
(Diagram 3)

4.4.4 For Radiated Test (30 MHz-1 GHz)



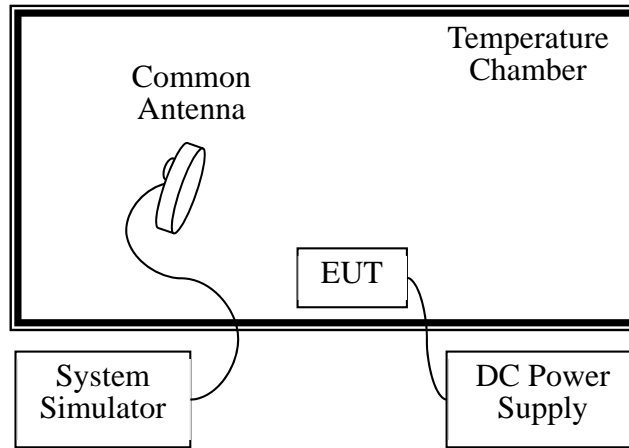
(Diagram 4)

4.4.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

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

#### Occupied Bandwidth

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

#### 6 dB bandwidth

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

### 5.2.4 Test Result

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

### 5.3 Power Spectral density (PSD)

#### 5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

RSS-247, 6.2

The maximum power spectral density should not exceed:

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

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

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

#### 5.3.2 Test Setup

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

#### 5.3.3 Test Procedure

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

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

#### 5.3.4 Test Result

Please refer to ANNEX A.4.

## 5.4 Conducted Emission

### 5.4.1 Limit

FCC §15.207, RSS-GEN, 8.8

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

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

### 5.4.2 Test Setup

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

### 5.4.3 Test Procedure

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

### 5.4.4 Test Result

Please refer to ANNEX A.5.

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

### 5.5.1 Limit

FCC §15.209 & 15.407(b), RSS-247, 6.2

Frequency (MHz)	Field Strength ( $\mu\text{V}/\text{m}$ )	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<sup>1</sup>: The Limit for radiated test was performed according to FCC Part 15C

Note<sup>2</sup>: 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	<p>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.</p>

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  $\leq 30$  MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies  $> 1000$  MHz).
- d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

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

where:

E = electric field strength in dB $\mu$ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

### Quasi-Peak measurement procedure

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

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

### Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle,  $x$ , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW  $\geq 3 \times$  RBW.
- e) Detector = RMS, if  $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$ . Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
  - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
  - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
  - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is  $10 \log(1/x)$ , where  $x$  is the duty cycle.
  - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is  $20 \log(1/x)$ , where  $x$  is the duty cycle.
  - 3) If a specific emission is demonstrated to be continuous ( $\geq 98$  percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band

emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

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

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

#### Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW  $\geq$  RBW

Sweep = auto

Detector function = peak

Trace = max hold

#### 5.5.4 Test Result

Please refer to ANNEX A.6 and Please refer to ANNEX A.8.

## 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<sup>1</sup>: 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<sup>2</sup>: 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

#### SISO

Band I (5150 - 5250 MHz )								
Mode	Channel	Frequency (MHz)	Conducted Power ANT A (dBm)	Conducted Power ANT A (mW)	Conducted Power ANT B (dBm)	Conducted Power ANT B (mW)	FCC Limit (mW)	Verdict
11a	CH36	5180	11.6	14.5	12.0	15.8	250.0	Pass
11a	CH44	5220	11.7	14.8	11.9	15.5	250.0	Pass
11a	CH48	5240	11.7	14.8	11.8	15.1	250.0	Pass
11n (HT20)	CH36	5180	12.0	15.8	12.0	15.8	250.0	Pass
11n (HT20)	CH44	5220	11.6	14.5	11.8	15.1	250.0	Pass
11n (HT20)	CH48	5240	11.6	14.5	11.7	14.8	250.0	Pass
11n (HT40)	CH38	5190	11.7	14.8	12.0	15.8	250.0	Pass
11n (HT40)	CH46	5230	11.9	15.5	11.7	14.8	250.0	Pass
11ac (VHT20)	CH36	5180	11.9	15.5	11.9	15.5	250.0	Pass
11ac (VHT20)	CH44	5220	11.7	14.8	11.7	14.8	250.0	Pass
11ac (VHT20)	CH48	5240	11.6	14.5	11.7	14.8	250.0	Pass
11ac (VHT40)	CH38	5190	11.7	14.8	12.0	15.8	250.0	Pass
11ac (VHT40)	CH46	5230	11.9	15.5	11.7	14.8	250.0	Pass
11ac (VHT80)	CH42	5210	12.0	15.8	11.8	15.1	250.0	Pass

Band II (5250 - 5350 MHz )									
Mode	Channel	Frequency (MHz)	Conducted Power ANT A (dBm)	Conducted Power ANT A (mW)	Conducted Power ANT B (dBm)	Conducted Power ANT B (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH52	5260	11.8	15.1	11.7	14.8	250.0	207.7	Pass
11a	CH60	5300	11.7	14.8	11.7	14.8	250.0	208.5	Pass
11a	CH64	5320	11.7	14.8	11.6	14.5	250.0	207.7	Pass
11n (HT20)	CH52	5260	11.7	14.8	11.6	14.5	250.0	223.0	Pass
11n (HT20)	CH60	5300	11.7	14.8	11.8	15.1	250.0	222.3	Pass
11n (HT20)	CH64	5320	12.0	15.8	12.0	15.8	250.0	222.3	Pass
11n (HT40)	CH54	5270	11.9	15.5	12.0	15.8	250.0	250.0	Pass
11n (HT40)	CH62	5310	11.7	14.8	11.9	15.5	250.0	250.0	Pass
11ac (VHT20)	CH52	5260	11.7	14.8	12.0	15.8	250.0	222.3	Pass
11ac (VHT20)	CH60	5300	11.7	14.8	11.9	15.5	250.0	223.0	Pass
11ac (VHT20)	CH64	5320	12.0	15.8	12.0	15.8	250.0	223.0	Pass
11ac (VHT40)	CH54	5270	11.9	15.5	12.0	15.8	250.0	250.0	Pass
11ac (VHT40)	CH62	5310	11.7	14.8	11.9	15.5	250.0	250.0	Pass
11ac (VHT80)	CH58	5290	12.0	15.8	11.7	14.8	250.0	250.0	Pass

Band III (5470 - 5725 MHz )									
Mode	Channel	Frequency (MHz)	Conducted Power ANT A (dBm)	Conducted Power ANT A (mW)	Conducted Power ANT B (dBm)	Conducted Power ANT B (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11a	CH100	5500	11.9	15.5	11.6	14.5	250.0	208.5	Pass
11a	CH116	5580	11.7	14.8	11.7	14.8	250.0	208.5	Pass
11a	CH140	5700	12.0	15.8	11.9	15.5	250.0	208.5	Pass
11a	CH144	5720	12.0	15.8	11.8	15.1	250.0	208.5	Pass
11n (HT20)	CH100	5500	11.8	15.1	12.0	15.8	250.0	223.0	Pass
11n (HT20)	CH116	5580	11.7	14.8	11.7	14.8	250.0	222.3	Pass
11n (HT20)	CH140	5700	11.9	15.5	11.9	15.5	250.0	223.0	Pass
11n (HT20)	CH144	5720	11.9	15.5	11.9	15.5	250.0	222.3	Pass
11n (HT40)	CH102	5510	12.0	15.8	12.0	15.8	250.0	250.0	Pass
11n (HT40)	CH118	5590	11.6	14.5	11.8	15.1	250.0	N/A	Pass
11n (HT40)	CH134	5670	12.0	15.8	11.8	15.1	250.0	250.0	Pass
11n (HT40)	CH142	5710	12.0	15.8	11.8	15.1	250.0	250.0	Pass
11ac (VHT20)	CH100	5500	11.8	15.1	12.0	15.8	250.0	222.3	Pass
11ac (VHT20)	CH116	5580	11.6	14.5	11.7	14.8	250.0	222.3	Pass
11ac (VHT20)	CH140	5700	11.9	15.5	11.9	15.5	250.0	223.0	Pass
11ac (VHT20)	CH144	5720	11.9	15.5	11.9	15.5	250.0	222.3	Pass
11ac (VHT40)	CH102	5510	11.9	15.5	12.0	15.8	250.0	250.0	Pass
11ac (VHT40)	CH118	5590	11.7	14.8	11.7	14.8	250.0	N/A	Pass
11ac (VHT40)	CH134	5670	12.0	15.8	11.9	15.5	250.0	250.0	Pass
11ac (VHT40)	CH142	5710	12.0	15.8	11.9	15.5	250.0	250.0	Pass
11ac (VHT80)	CH106	5530	12.0	15.8	12.0	15.8	250.0	250.0	Pass
11ac (VHT80)	CH122	5610	11.8	15.1	12.0	15.8	250.0	N/A	Pass
11ac (VHT80)	CH138	5690	12.0	15.8	11.6	14.5	250.0	250.0	Pass

Band IV (5725 - 5850 MHz )								
Mode	Channel	Frequency (MHz)	Conducted Power ANT A (dBm)	Conducted Power ANT A (mW)	Conducted Power ANT B (dBm)	Conducted Power ANT B (mW)	FCC Limit (mW)	Verdict
11a	CH149	5745	12.0	15.8	11.6	14.5	1.00	Pass
11a	CH157	5785	11.8	15.1	11.7	14.8	1.00	Pass
11a	CH165	5825	11.9	15.5	11.7	14.8	1.00	Pass
11n (HT20)	CH149	5745	11.9	15.5	12.0	15.8	1.00	Pass
11n (HT20)	CH157	5785	11.7	14.8	11.8	15.1	1.00	Pass
11n (HT20)	CH165	5825	11.7	14.8	12.0	15.8	1.00	Pass
11n (HT40)	CH151	5755	12.0	15.8	11.6	14.5	1.00	Pass
11n (HT40)	CH159	5795	11.7	14.8	11.9	15.5	1.00	Pass
11ac (VHT20)	CH149	5745	11.9	15.5	12.0	15.8	1.00	Pass
11ac (VHT20)	CH157	5785	11.8	15.1	11.7	14.8	1.00	Pass
11ac (VHT20)	CH165	5825	11.8	15.1	12.0	15.8	1.00	Pass
11ac (VHT40)	CH151	5755	12.0	15.8	11.6	14.5	1.00	Pass
11ac (VHT40)	CH159	5795	11.6	14.5	11.9	15.5	1.00	Pass
11ac (VHT80)	CH155	5775	11.8	15.1	11.7	14.8	1.00	Pass

**MIMO-ANT 0+1**

Band I (5150 - 5250 MHz )						
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11n (HT20)	CH36	5180	11.8	15.2	250.0	Pass
11n (HT20)	CH44	5220	11.8	15.0	250.0	Pass
11n (HT20)	CH48	5240	11.8	15.0	250.0	Pass
11n (HT40)	CH38	5190	11.9	15.5	250.0	Pass
11n (HT40)	CH46	5230	11.9	15.5	250.0	Pass
11ac (VHT20)	CH36	5180	11.9	15.3	250.0	Pass
11ac (VHT20)	CH44	5220	11.8	15.2	250.0	Pass
11ac (VHT20)	CH48	5240	11.8	15.0	250.0	Pass
11ac (VHT40)	CH38	5190	11.9	15.5	250.0	Pass
11ac (VHT40)	CH46	5230	11.7	14.7	250.0	Pass
11ac (VHT80)	CH42	5210	11.9	15.3	250.0	Pass

Band II (5250 - 5350 MHz )							
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11n (HT20)	CH52	5260	11.9	15.4	250.0	222.3	Pass
11n (HT20)	CH60	5300	11.8	15.0	250.0	223.0	Pass
11n (HT20)	CH64	5320	11.8	15.2	250.0	223.0	Pass
11n (HT40)	CH54	5270	11.7	14.8	250.0	250.0	Pass
11n (HT40)	CH62	5310	11.8	15.0	250.0	250.0	Pass
11ac (VHT20)	CH52	5260	11.8	15.0	250.0	222.3	Pass
11ac (VHT20)	CH60	5300	11.7	14.8	250.0	222.3	Pass
11ac (VHT20)	CH64	5320	11.9	15.5	250.0	223.0	Pass
11ac (VHT40)	CH54	5270	11.8	15.2	250.0	250.0	Pass
11ac (VHT40)	CH62	5310	11.9	15.5	250.0	250.0	Pass
11ac (VHT80)	CH58	5290	11.8	15.0	250.0	250.0	Pass

Band III (5470 - 5725 MHz )							
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	IC Limit (mW)	Verdict
11n (HT20)	CH100	5500	11.9	15.4	250.0	222.3	Pass
11n (HT20)	CH116	5580	11.6	14.5	250.0	222.3	Pass
11n (HT20)	CH140	5700	11.9	15.5	250.0	222.3	Pass
11n (HT20)	CH144	5720	11.9	15.5	250.0	222.3	Pass
11n (HT40)	CH102	5500	11.8	15.0	250.0	250.0	Pass
11n (HT40)	CH118	5580	11.8	15.0	250.0	N/A	Pass
11n (HT40)	CH134	5700	12.0	15.7	250.0	250.0	Pass
11n (HT40)	CH142	5720	12.0	15.7	250.0	250.0	Pass
11ac (VHT20)	CH100	5510	11.8	15.2	250.0	223.0	Pass
11ac (VHT20)	CH116	5590	11.8	15.2	250.0	222.3	Pass
11ac (VHT20)	CH140	5670	11.8	15.2	250.0	222.3	Pass
11ac (VHT20)	CH144	5710	11.8	15.2	250.0	222.3	Pass
11ac (VHT40)	CH102	5500	11.8	15.2	250.0	250.0	Pass
11ac (VHT40)	CH118	5580	11.7	14.7	250.0	N/A	Pass
11ac (VHT40)	CH134	5700	11.8	15.0	250.0	250.0	Pass
11ac (VHT40)	CH142	5720	11.8	15.0	250.0	250.0	Pass
11ac (VHT80)	CH106	5510	11.9	15.5	250.0	250.0	Pass
11ac (VHT80)	CH122	5590	11.8	15.2	250.0	N/A	Pass
11ac (VHT80)	CH138	5670	11.8	15.2	250.0	250.0	Pass



Band IV (5725 - 5850 MHz )						
Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (mW)	FCC/IC Limit (W)	Verdict
11n (HT20)	CH149	5745	11.7	14.8	1.00	Pass
11n (HT20)	CH157	5785	11.8	15.0	1.00	Pass
11n (HT20)	CH165	5825	11.6	14.5	1.00	Pass
11n (HT40)	CH151	5755	11.8	15.2	1.00	Pass
11n (HT40)	CH159	5795	12.0	15.7	1.00	Pass
11ac (VHT20)	CH149	5745	11.7	14.7	1.00	Pass
11ac (VHT20)	CH157	5785	11.8	15.0	1.00	Pass
11ac (VHT20)	CH165	5825	11.6	14.5	1.00	Pass
11ac (VHT40)	CH151	5755	11.7	14.8	1.00	Pass
11ac (VHT40)	CH159	5795	11.9	15.5	1.00	Pass
11ac (VHT80)	CH155	5775	11.8	15.2	1.00	Pass

EIRP Power

SISO

Band I (5150 - 5250 MHz )								
Mode	Channel	Frequency (MHz)	EIRP A (dBm)	EIRP A (mW)	EIRP B (dBm)	EIRP B (mW)	IC Limit (mW)	Verdict
11a	CH36	5180	12.1	16.2	12.5	17.8	165.0	Pass
11a	CH44	5220	12.2	16.6	12.4	17.4	165.6	Pass
11a	CH48	5240	12.2	16.6	12.3	17.0	165.6	Pass
11n (HT20)	CH36	5180	12.5	17.8	12.5	17.8	176.6	Pass
11n (HT20)	CH44	5220	12.1	16.2	12.3	17.0	176.6	Pass
11n (HT20)	CH48	5240	12.1	16.2	12.2	16.6	177.1	Pass
11n (HT40)	CH38	5190	12.2	16.6	12.5	17.8	200.0	Pass
11n (HT40)	CH46	5230	12.4	17.4	12.2	16.6	200.0	Pass
11ac (VHT20)	CH36	5180	12.4	17.4	12.4	17.4	177.1	Pass
11ac (VHT20)	CH44	5220	12.2	16.6	12.2	16.6	177.1	Pass
11ac (VHT20)	CH48	5240	12.1	16.2	12.2	16.6	177.1	Pass
11ac (VHT40)	CH38	5190	12.2	16.6	12.5	17.8	200.0	Pass
11ac (VHT40)	CH46	5230	12.4	17.4	12.2	16.6	200.0	Pass
11ac (VHT80)	CH42	5210	12.5	17.8	12.3	17.0	200.0	Pass

Band II (5250 - 5350 MHz )								
Mode	Channel	Frequency (MHz)	EIRP A (dBm)	EIRP A (mW)	EIRP B (dBm)	EIRP B (mW)	IC Limit (mW)	Verdict
11a	CH52	5260	12.3	17.0	12.2	16.6	827.0	Pass
11a	CH60	5300	12.2	16.6	12.2	16.6	830.0	Pass
11a	CH64	5320	12.2	16.6	12.1	16.2	827.0	Pass
11n (HT20)	CH52	5260	12.2	16.6	12.1	16.2	887.6	Pass
11n (HT20)	CH60	5300	12.2	16.6	12.3	17.0	885.1	Pass
11n (HT20)	CH64	5320	12.5	17.8	12.5	17.8	885.1	Pass
11n (HT40)	CH54	5270	12.4	17.4	12.5	17.8	1000.0	Pass
11n (HT40)	CH62	5310	12.2	16.6	12.4	17.4	1000.0	Pass
11ac (VHT20)	CH52	5260	12.2	16.6	12.5	17.8	885.1	Pass
11ac (VHT20)	CH60	5300	12.2	16.6	12.4	17.4	887.6	Pass
11ac (VHT20)	CH64	5320	12.5	17.8	12.5	17.8	887.6	Pass
11ac (VHT40)	CH54	5270	12.4	17.4	12.5	17.8	1000.0	Pass
11ac (VHT40)	CH62	5310	12.2	16.6	12.4	17.4	1000.0	Pass
11ac (VHT80)	CH58	5290	12.5	17.8	12.2	16.6	1000.0	Pass

Band III (5470 - 5725 MHz )								
Mode	Channel	Frequency (MHz)	EIRP A (dBm)	EIRP A (mW)	EIRP B (dBm)	EIRP B (mW)	IC Limit (mW)	Verdict
11a	CH100	5500	12.4	17.4	12.1	16.2	830.0	Pass
11a	CH116	5580	12.2	16.6	12.2	16.6	830.0	Pass
11a	CH140	5700	12.5	17.8	12.4	17.4	827.0	Pass
11a	CH144	5720	12.5	17.8	12.3	17.0	830.0	Pass
11n (HT20)	CH100	5500	12.3	17.0	12.5	17.8	887.6	Pass
11n (HT20)	CH116	5580	12.2	16.6	12.2	16.6	885.1	Pass
11n (HT20)	CH140	5700	12.4	17.4	12.4	17.4	887.6	Pass
11n (HT20)	CH144	5720	12.4	17.4	12.4	17.4	885.1	Pass
11n (HT40)	CH102	5510	12.5	17.8	12.5	17.8	1000.0	Pass
11n (HT40)	CH118	5590	12.1	16.2	12.3	17.0	N/A	Pass
11n (HT40)	CH134	5670	12.5	17.8	12.3	17.0	1000.0	Pass
11n (HT40)	CH142	5710	12.5	17.8	12.3	17.0	1000.0	Pass
11ac (VHT20)	CH100	5500	12.3	17.0	12.5	17.8	885.1	Pass
11ac (VHT20)	CH116	5580	12.1	16.2	12.2	16.6	885.1	Pass
11ac (VHT20)	CH140	5700	12.4	17.4	12.4	17.4	887.6	Pass
11ac (VHT20)	CH144	5720	12.4	17.4	12.4	17.4	885.1	Pass
11ac (VHT40)	CH102	5510	12.4	17.4	12.5	17.8	1000.0	Pass
11ac (VHT40)	CH118	5590	12.2	16.6	12.2	16.6	N/A	Pass
11ac (VHT40)	CH134	5670	12.5	17.8	12.4	17.4	1000.0	Pass
11ac (VHT40)	CH142	5710	12.5	17.8	12.4	17.4	1000.0	Pass
11ac (VHT80)	CH106	5530	12.5	17.8	12.5	17.8	1000.0	Pass
11ac (VHT80)	CH122	5610	12.3	17.0	12.5	17.8	N/A	Pass
11ac (VHT80)	CH138	5690	12.5	17.8	12.1	16.2	1000.0	Pass

## MIMO-ANT 0+1

Band I (5150 - 5250 MHz )						
Mode	Channel	Frequency (MHz)	EIRP (dBm)	EIRP (mW)	IC Limit (mW)	Verdict
11n (HT20)	CH36	5180	12.4	17.2	176.6	Pass
11n (HT20)	CH44	5220	12.3	17.0	176.6	Pass
11n (HT20)	CH48	5240	12.3	17.0	176.6	Pass
11n (HT40)	CH38	5190	12.5	17.6	200.0	Pass
11n (HT40)	CH46	5230	12.4	17.5	200.0	Pass
11ac (VHT20)	CH36	5180	12.4	17.4	176.6	Pass
11ac (VHT20)	CH44	5220	12.3	17.1	176.6	Pass
11ac (VHT20)	CH48	5240	12.3	16.9	176.6	Pass
11ac (VHT40)	CH38	5190	12.4	17.5	200.0	Pass
11ac (VHT40)	CH46	5230	12.2	16.6	200.0	Pass
11ac (VHT80)	CH42	5210	12.4	17.3	200.0	Pass

Band II (5250 - 5350 MHz )						
Mode	Channel	Frequency (MHz)	EIRP (dBm)	EIRP (mW)	IC Limit (mW)	Verdict
11n (HT20)	CH52	5260	12.4	17.3	885.1	Pass
11n (HT20)	CH60	5300	12.3	17.0	887.6	Pass
11n (HT20)	CH64	5320	12.3	17.1	887.6	Pass
11n (HT40)	CH54	5270	12.3	16.8	1000.0	Pass
11n (HT40)	CH62	5310	12.3	16.9	1000.0	Pass
11ac (VHT20)	CH52	5260	12.3	16.9	885.1	Pass
11ac (VHT20)	CH60	5300	12.2	16.7	885.1	Pass
11ac (VHT20)	CH64	5320	12.5	17.6	887.6	Pass
11ac (VHT40)	CH54	5270	12.3	17.1	1000.0	Pass
11ac (VHT40)	CH62	5310	12.5	17.6	1000.0	Pass
11ac (VHT80)	CH58	5290	12.3	17.0	1000.0	Pass

Band III (5470 - 5725 MHz )						
Mode	Channel	Frequency (MHz)	EIRP (dBm)	EIRP (mW)	IC Limit (mW)	Verdict
11n (HT20)	CH100	5500	12.4	17.4	885.1	Pass
11n (HT20)	CH116	5580	12.1	16.4	885.1	Pass
11n (HT20)	CH140	5700	12.5	17.6	885.1	Pass
11n (HT20)	CH144	5720	12.5	17.6	885.1	Pass
11n (HT40)	CH102	5510	12.3	16.9	1000.0	Pass
11n (HT40)	CH118	5590	12.3	17.0	N/A	Pass
11n (HT40)	CH134	5670	12.5	17.8	1000.0	Pass
11n (HT40)	CH142	5710	12.5	17.8	1000.0	Pass
11ac (VHT20)	CH100	5500	12.4	17.2	887.6	Pass
11ac (VHT20)	CH116	5580	12.3	17.1	885.1	Pass
11ac (VHT20)	CH140	5700	12.4	17.2	885.1	Pass
11ac (VHT20)	CH144	5720	12.4	17.2	885.1	Pass
11ac (VHT40)	CH102	5510	12.4	17.2	1000.0	Pass
11ac (VHT40)	CH118	5590	12.2	16.6	N/A	Pass
11ac (VHT40)	CH134	5670	12.3	17.0	1000.0	Pass
11ac (VHT40)	CH142	5710	12.3	17.0	1000.0	Pass
11ac (VHT80)	CH106	5530	12.5	17.6	1000.0	Pass
11ac (VHT80)	CH122	5610	12.4	17.2	N/A	Pass
11ac (VHT80)	CH138	5690	12.4	17.2	1000.0	Pass

## A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ1940136-604 Data Part 1.pdf".

### Test Data

#### SISO

Band I (5150 - 5250 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11a	CH36	5180	21.80	21.76	16.50	16.56
11a	CH44	5220	22.16	21.60	16.56	16.56
11a	CH48	5240	21.92	22.36	16.56	17.71
11n (HT20)	CH36	5180	22.56	21.80	17.71	17.66
11n (HT20)	CH44	5220	22.52	22.24	17.66	17.66
11n (HT20)	CH48	5240	21.24	22.36	17.71	17.71
11n (HT40)	CH38	5190	46.40	44.80	36.47	36.24
11n (HT40)	CH46	5230	45.50	45.40	36.24	36.35
11ac (VHT20)	CH36	5180	22.68	22.04	17.77	17.71
11ac (VHT20)	CH44	5220	21.28	22.16	17.71	17.71
11ac (VHT20)	CH48	5240	22.16	22.20	17.71	17.71
11ac (VHT40)	CH38	5190	46.70	44.70	36.47	36.24
11ac (VHT40)	CH46	5230	45.40	45.10	36.35	36.24
11ac (VHT80)	CH42	5210	86.80	87.40	75.25	75.48

Band II (5250 - 5350 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11a	CH52	5260	22.56	21.56	16.56	16.50
11a	CH60	5300	22.40	22.16	16.56	16.56
11a	CH64	5320	22.52	22.08	16.56	16.50
11n (HT20)	CH52	5260	21.48	22.36	17.71	17.71
11n (HT20)	CH60	5300	22.12	22.28	17.71	17.66
11n (HT20)	CH64	5320	20.96	22.40	17.77	17.66
11n (HT40)	CH54	5270	46.50	44.50	36.47	36.24
11n (HT40)	CH62	5310	45.90	44.40	36.24	36.35
11ac (VHT20)	CH52	5260	22.20	22.16	17.66	17.66
11ac (VHT20)	CH60	5300	21.56	22.68	17.71	17.71
11ac (VHT20)	CH64	5320	22.52	22.72	17.71	17.71
11ac (VHT40)	CH54	5270	46.40	43.30	36.35	36.12
11ac (VHT40)	CH62	5310	45.50	45.50	36.35	36.35
11ac (VHT80)	CH58	5290	87.20	86.20	75.25	75.25

Band III (5470 - 5725 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11a	CH100	5500	22.44	22.08	16.56	16.56
11a	CH116	5580	22.36	22.00	16.56	16.56
11a	CH140	5700	22.08	22.04	16.56	16.50
11a	CH144	5720	22.52	21.68	16.56	16.56
11n (HT20)	CH100	5500	22.52	22.48	17.71	17.71
11n (HT20)	CH116	5580	22.28	22.12	17.66	17.71
11n (HT20)	CH140	5700	22.68	22.16	17.71	17.71
11n (HT20)	CH144	5720	22.76	22.16	17.77	17.66
11n (HT40)	CH102	5510	45.80	45.50	36.47	36.35
11n (HT40)	CH118	5590	44.60	45.80	36.24	36.35
11n (HT40)	CH134	5670	44.10	45.50	36.24	36.35
11n (HT40)	CH142	5710	45.30	44.60	36.35	36.24
11ac (VHT20)	CH100	5500	21.92	21.80	17.66	17.71
11ac (VHT20)	CH116	5580	22.36	22.48	17.66	17.71
11ac (VHT20)	CH140	5700	22.84	22.08	17.71	17.71
11ac (VHT20)	CH144	5720	22.76	22.32	17.71	17.66
11ac (VHT40)	CH102	5510	44.90	45.60	36.35	36.35
11ac (VHT40)	CH118	5590	44.60	45.60	36.24	36.35
11ac (VHT40)	CH134	5670	45.00	45.70	36.24	36.35
11ac (VHT40)	CH142	5710	45.80	44.80	36.35	36.35
11ac (VHT80)	CH106	5530	87.00	86.20	75.25	75.25
11ac (VHT80)	CH122	5610	85.60	85.40	75.25	75.02
11ac (VHT80)	CH138	5690	84.20	84.40	74.79	75.02

Band IV (5725 - 5850 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11a	CH149	5745	21.64	22.16	16.61	16.56
11a	CH157	5785	22.20	21.64	16.50	16.56
11a	CH165	5825	22.36	22.04	16.61	16.56
11n (HT20)	CH149	5745	22.56	22.08	17.77	17.66
11n (HT20)	CH157	5785	22.60	22.44	17.66	17.71
11n (HT20)	CH165	5825	22.80	22.24	17.77	17.66
11n (HT40)	CH151	5755	45.50	44.90	36.35	36.24
11n (HT40)	CH159	5795	45.40	46.10	36.24	36.35
11ac (VHT20)	CH149	5745	22.28	22.24	17.77	17.66
11ac (VHT20)	CH157	5785	22.52	22.28	17.66	17.71
11ac (VHT20)	CH165	5825	23.00	22.36	17.71	17.71
11ac (VHT40)	CH151	5755	45.10	44.90	36.24	36.24
11ac (VHT40)	CH159	5795	44.90	45.10	36.35	36.47
11ac (VHT80)	CH155	5775	84.20	83.60	74.79	74.79

## MIMO

Band I (5150 - 5250 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11n (HT20)	CH36	5180	22.28	21.96	17.77	17.66
11n (HT20)	CH44	5220	22.32	21.80	17.66	17.66
11n (HT20)	CH48	5240	22.40	22.40	17.71	17.66
11n (HT40)	CH38	5190	46.60	44.00	36.47	36.12
11n (HT40)	CH46	5230	46.30	44.10	36.47	36.24
11ac (VHT20)	CH36	5180	22.24	19.88	17.71	17.66
11ac (VHT20)	CH44	5220	22.04	22.24	17.71	17.66
11ac (VHT20)	CH48	5240	22.28	22.28	17.66	17.66
11ac (VHT40)	CH38	5190	45.90	43.40	36.47	36.12
11ac (VHT40)	CH46	5230	40.80	45.00	36.47	36.35
11ac (VHT80)	CH42	5210	87.20	87.00	75.72	75.25

Band II (5250 - 5350 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11n (HT20)	CH52	5260	22.52	22.08	17.66	17.66
11n (HT20)	CH60	5300	22.48	22.52	17.71	17.71
11n (HT20)	CH64	5320	22.44	22.52	17.71	17.71
11n (HT40)	CH54	5270	46.00	43.30	36.47	36.12
11n (HT40)	CH62	5310	46.30	45.00	36.47	36.24
11ac (VHT20)	CH52	5260	22.68	22.12	17.71	17.66
11ac (VHT20)	CH60	5300	22.36	22.12	17.66	17.66
11ac (VHT20)	CH64	5320	22.32	22.24	17.71	17.71
11ac (VHT40)	CH54	5270	45.70	43.40	36.47	36.24
11ac (VHT40)	CH62	5310	45.90	44.40	36.47	36.24
11ac (VHT80)	CH58	5290	90.00	85.20	75.48	75.25

Band III (5470 - 5725 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11n (HT20)	CH100	5500	22.04	21.64	17.71	17.66
11n (HT20)	CH116	5580	22.04	22.16	17.66	17.66
11n (HT20)	CH140	5700	22.48	21.84	17.71	17.66
11n (HT20)	CH144	5720	22.44	22.20	17.77	17.66
11n (HT40)	CH102	5510	45.90	40.80	36.47	36.35
11n (HT40)	CH118	5590	45.70	44.60	36.24	36.24
11n (HT40)	CH134	5670	44.90	44.00	36.24	36.24
11n (HT40)	CH142	5710	45.90	44.40	36.58	36.12
11ac (VHT20)	CH100	5500	22.08	21.80	17.71	17.71
11ac (VHT20)	CH116	5580	22.12	22.44	17.66	17.71
11ac (VHT20)	CH140	5700	22.12	22.36	17.66	17.66
11ac (VHT20)	CH144	5720	22.12	22.00	17.71	17.66
11ac (VHT40)	CH102	5510	44.10	44.90	36.47	36.24
11ac (VHT40)	CH118	5590	45.00	44.10	36.35	36.24
11ac (VHT40)	CH134	5670	45.60	44.20	36.24	36.24
11ac (VHT40)	CH142	5710	45.50	43.70	36.47	36.12
11ac (VHT80)	CH106	5530	87.60	85.40	75.48	75.25
11ac (VHT80)	CH122	5610	87.20	86.20	75.25	75.02
11ac (VHT80)	CH138	5690	84.00	84.80	75.02	75.02

Band IV (5725 - 5850 MHz )						
Mode	Channel	Frequency	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
		(MHz)	ANT A	ANT B	ANT A	ANT B
11n (HT20)	CH149	5745	21.92	22.40	17.71	17.71
11n (HT20)	CH157	5785	21.92	22.36	17.66	17.71
11n (HT20)	CH165	5825	22.48	22.48	17.77	17.66
11n (HT40)	CH151	5755	45.40	44.50	36.47	36.35
11n (HT40)	CH159	5795	45.50	43.50	36.35	36.12
11ac (VHT20)	CH149	5745	22.28	22.72	17.71	17.66
11ac (VHT20)	CH157	5785	22.20	21.76	17.66	17.71
11ac (VHT20)	CH165	5825	22.16	21.92	17.71	17.71
11ac (VHT40)	CH151	5755	45.50	44.70	36.35	36.35
11ac (VHT40)	CH159	5795	45.90	43.00	36.35	36.12
11ac (VHT80)	CH155	5775	84.40	87.00	74.79	75.02



### A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ1940136-604 Data Part 2.pdf”.

#### Test Data

##### SISO

Band IV (5725 - 5850 MHz)						
Mode	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (KHz)	Verdict
			ANT A	ANT B		
11a	CH149	5745	16.42	16.42	500	Pass
11a	CH157	5785	16.42	16.42	500	Pass
11a	CH165	5825	16.42	16.42	500	Pass
11n (HT20)	CH149	5745	17.67	17.72	500	Pass
11n (HT20)	CH157	5785	17.37	17.72	500	Pass
11n (HT20)	CH165	5825	17.67	13.97	500	Pass
11n (HT40)	CH151	5755	29.52	35.17	500	Pass
11n (HT40)	CH159	5795	31.62	31.37	500	Pass
11ac (VHT20)	CH149	5745	13.97	17.62	500	Pass
11ac (VHT20)	CH157	5785	12.72	17.72	500	Pass
11ac (VHT20)	CH165	5825	17.67	17.72	500	Pass
11ac (VHT40)	CH151	5755	36.22	31.92	500	Pass
11ac (VHT40)	CH159	5795	30.37	35.42	500	Pass
11ac (VHT80)	CH155	5775	75.17	68.97	500	Pass

##### MIMO

Band IV (5725 - 5850 MHz)						
Mode	Channel	Frequency (MHz)	6 dB Bandwidth (MHz)		Limit (KHz)	Verdict
			ANT A	ANT B		
11n (HT20)	CH149	5745	17.67	17.67	500	Pass
11n (HT20)	CH157	5785	12.72	17.72	500	Pass
11n (HT20)	CH165	5825	13.92	17.02	500	Pass
11n (HT40)	CH151	5755	35.17	35.17	500	Pass
11n (HT40)	CH159	5795	36.17	33.62	500	Pass
11ac (VHT20)	CH149	5745	17.67	16.42	500	Pass
11ac (VHT20)	CH157	5785	17.72	17.32	500	Pass
11ac (VHT20)	CH165	5825	12.72	15.77	500	Pass
11ac (VHT40)	CH151	5755	31.17	35.17	500	Pass
11ac (VHT40)	CH159	5795	34.97	35.72	500	Pass
11ac (VHT80)	CH155	5775	70.12	52.67	500	Pass

## A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: BL-SZ1940136-604 Data Part 3.pdf".

### Test Data

#### SISO

Band I (5150 - 5250 MHz)						
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	5180	-0.17	0.37	11.0	Pass
11a	CH44	5220	-0.13	0.02	11.0	Pass
11a	CH48	5240	-0.30	-2.08	11.0	Pass
11n (HT20)	CH36	5180	0.31	0.40	11.0	Pass
11n (HT20)	CH44	5220	-0.52	0.15	11.0	Pass
11n (HT20)	CH48	5240	-0.39	-0.07	11.0	Pass
11n (HT40)	CH38	5190	-3.38	-3.08	11.0	Pass
11n (HT40)	CH46	5230	-3.62	-4.92	11.0	Pass
11ac (VHT20)	CH36	5180	0.37	-0.50	11.0	Pass
11ac (VHT20)	CH44	5220	-0.68	0.26	11.0	Pass
11ac (VHT20)	CH48	5240	-0.39	0.06	11.0	Pass
11ac (VHT40)	CH38	5190	-3.30	-3.47	11.0	Pass
11ac (VHT40)	CH46	5230	-3.39	-3.63	11.0	Pass
11ac (VHT80)	CH42	5210	-6.43	-5.47	11.0	Pass

Band II (5250 - 5350 MHz)							
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH52	5260	-0.20	-0.11	11.0	11.0	Pass
11a	CH60	5300	-0.26	-0.12	11.0	11.0	Pass
11a	CH64	5320	-1.02	-0.38	11.0	11.0	Pass
11n (HT20)	CH52	5260	-0.12	-0.09	11.0	11.0	Pass
11n (HT20)	CH60	5300	-0.76	-0.28	11.0	11.0	Pass
11n (HT20)	CH64	5320	-1.02	-0.42	11.0	11.0	Pass
11n (HT40)	CH54	5270	-3.17	-3.32	11.0	11.0	Pass
11n (HT40)	CH62	5310	-4.46	-3.60	11.0	11.0	Pass
11ac (VHT20)	CH52	5260	0.14	-0.02	11.0	11.0	Pass
11ac (VHT20)	CH60	5300	-0.72	0.03	11.0	11.0	Pass
11ac (VHT20)	CH64	5320	-1.12	-2.73	11.0	11.0	Pass
11ac (VHT40)	CH54	5270	-3.09	-4.77	11.0	11.0	Pass
11ac (VHT40)	CH62	5310	-4.41	-3.74	11.0	11.0	Pass
11ac (VHT80)	CH58	5290	-6.45	-5.01	11.0	11.0	Pass

Band III (5470 - 5725 MHz)						
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11a	CH100	5500	0.35	-0.51	11.0	Pass
11a	CH116	5580	0.41	0.48	11.0	Pass
11a	CH140	5700	0.91	-0.02	11.0	Pass
11a	CH144	5720	0.51	0.38	11.0	Pass
11n (HT20)	CH100	5500	0.02	0.81	11.0	Pass
11n (HT20)	CH116	5580	0.27	0.48	11.0	Pass
11n (HT20)	CH140	5700	0.40	-0.04	11.0	Pass
11n (HT20)	CH144	5720	-0.01	0.34	11.0	Pass
11n (HT40)	CH102	5510	-3.54	-3.87	11.0	Pass
11n (HT40)	CH118	5590	-3.44	-4.40	11.0	Pass
11n (HT40)	CH134	5670	-2.15	-3.33	11.0	Pass
11n (HT40)	CH142	5710	-2.56	-3.44	11.0	Pass
11ac (VHT20)	CH100	5500	-0.05	-1.34	11.0	Pass
11ac (VHT20)	CH116	5580	-0.30	-2.66	11.0	Pass
11ac (VHT20)	CH140	5700	0.45	-0.17	11.0	Pass
11ac (VHT20)	CH144	5720	-0.11	0.31	11.0	Pass
11ac (VHT40)	CH102	5510	-3.03	-3.87	11.0	Pass
11ac (VHT40)	CH118	5590	-3.36	-5.70	11.0	Pass
11ac (VHT40)	CH134	5670	-2.91	-3.87	11.0	Pass
11ac (VHT40)	CH142	5710	-2.64	-3.59	11.0	Pass
11ac (VHT80)	CH106	5530	-6.14	-6.37	11.0	Pass
11ac (VHT80)	CH122	5610	-5.99	-6.74	11.0	Pass
11ac (VHT80)	CH138	5690	-5.48	-5.64	11.0	Pass

Band IV (5725 - 5850 MHz)						
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	FCC/IC Limit (dBm/500 kHz)	Verdict
11a	CH149	5745	-2.35	-2.21	30	Pass
11a	CH157	5785	-2.24	-3.20	30	Pass
11a	CH165	5825	-2.67	-2.65	30	Pass
11n (HT20)	CH149	5745	-2.77	-2.73	30	Pass
11n (HT20)	CH157	5785	-2.69	-3.16	30	Pass
11n (HT20)	CH165	5825	-3.30	-2.56	30	Pass
11n (HT40)	CH151	5755	-5.63	-5.96	30	Pass
11n (HT40)	CH159	5795	-5.80	-7.89	30	Pass
11ac (VHT20)	CH149	5745	-3.01	-1.78	30	Pass
11ac (VHT20)	CH157	5785	-2.86	-3.31	30	Pass
11ac (VHT20)	CH165	5825	-3.30	-5.23	30	Pass
11ac (VHT40)	CH151	5755	-5.76	-6.10	30	Pass
11ac (VHT40)	CH159	5795	-5.73	-5.80	30	Pass
11ac (VHT80)	CH155	5775	-8.40	-7.19	30	Pass

## MIMO

Band I (5150 - 5250 MHz)							
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	Total PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	5180	-2.34	-2.97	0.37	11.0	Pass
11n (HT20)	CH44	5220	-2.85	-3.32	-0.07	11.0	Pass
11n (HT20)	CH48	5240	-2.62	-2.27	0.57	11.0	Pass
11n (HT40)	CH38	5190	-6.14	-5.92	-3.02	11.0	Pass
11n (HT40)	CH46	5230	-6.52	-6.34	-3.42	11.0	Pass
11ac (VHT20)	CH36	5180	-1.84	-2.70	0.76	11.0	Pass
11ac (VHT20)	CH44	5220	-2.33	-2.94	0.39	11.0	Pass
11ac (VHT20)	CH48	5240	-2.18	-2.25	0.80	11.0	Pass
11ac (VHT40)	CH38	5190	-5.41	-6.27	-2.81	11.0	Pass
11ac (VHT40)	CH46	5230	-6.26	-6.15	-3.19	11.0	Pass
11ac (VHT80)	CH42	5210	-9.06	-10.74	-6.81	11.0	Pass

Band II (5250 - 5350 MHz)								
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	Total PSD (dBm/MHz)	FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11n (HT20)	CH52	5260	-2.08	-2.09	0.93	11.0	11.0	Pass
11n (HT20)	CH60	5300	-2.97	-2.62	0.22	11.0	11.0	Pass
11n (HT20)	CH64	5320	-3.79	-2.64	-0.17	11.0	11.0	Pass
11n (HT40)	CH54	5270	-5.76	-5.69	-2.71	11.0	11.0	Pass
11n (HT40)	CH62	5310	-6.86	-5.95	-3.37	11.0	11.0	Pass
11ac (VHT20)	CH52	5260	-1.47	-1.80	1.38	11.0	11.0	Pass
11ac (VHT20)	CH60	5300	-2.99	-2.55	0.25	11.0	11.0	Pass
11ac (VHT20)	CH64	5320	-3.37	-2.29	0.21	11.0	11.0	Pass
11ac (VHT40)	CH54	5270	-4.70	-5.50	-2.07	11.0	11.0	Pass
11ac (VHT40)	CH62	5310	-6.26	-5.59	-2.90	11.0	11.0	Pass
11ac (VHT80)	CH58	5290	-11.05	-8.98	-6.88	11.0	11.0	Pass
11ac (VHT160)	CH50	5250	-2.08	-2.09	0.93	11.0	11.0	Pass

Band III (5470 - 5725 MHz)							
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	Total PSD (dBm/MHz)	FCC/IC Limit (dBm/MHz)	Verdict
11n (HT20)	CH100	5500	-2.79	-3.25	0.00	11.0	Pass
11n (HT20)	CH116	5580	-3.01	-3.37	-0.18	11.0	Pass
11n (HT20)	CH140	5700	-2.47	-2.00	0.78	11.0	Pass
11n (HT20)	CH144	5720	-2.84	-2.47	0.36	11.0	Pass
11n (HT40)	CH102	5510	-6.55	-7.54	-4.01	11.0	Pass
11n (HT40)	CH118	5590	-6.08	-7.44	-3.70	11.0	Pass
11n (HT40)	CH134	5670	-6.12	-5.46	-2.77	11.0	Pass
11n (HT40)	CH142	5710	-5.80	-5.35	-2.56	11.0	Pass
11ac (VHT20)	CH100	5500	-2.44	-2.88	0.36	11.0	Pass
11ac (VHT20)	CH116	5580	-2.11	-3.30	0.35	11.0	Pass
11ac (VHT20)	CH140	5700	-2.16	-1.70	1.09	11.0	Pass
11ac (VHT20)	CH144	5720	-2.53	-2.51	0.49	11.0	Pass
11ac (VHT40)	CH102	5510	-5.65	-6.55	-3.07	11.0	Pass
11ac (VHT40)	CH118	5590	-6.26	-7.15	-3.67	11.0	Pass
11ac (VHT40)	CH134	5670	-5.37	-5.33	-2.34	11.0	Pass
11ac (VHT40)	CH142	5710	-5.67	-5.37	-2.51	11.0	Pass
11ac (VHT80)	CH106	5530	-9.37	-10.11	-6.71	11.0	Pass
11ac (VHT80)	CH122	5610	-8.51	-9.94	-6.16	11.0	Pass
11ac (VHT80)	CH138	5690	-8.90	-9.46	-6.16	11.0	Pass
11ac (VHT160)	CH114	5570	-2.79	-3.25	0.00	11.0	Pass

Band IV (5725 - 5850 MHz)							
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	Total PSD (dBm/MHz)	FCC/IC Limit (dBm/500 kHz)	Verdict
11n (HT20)	CH149	5745	-5.60	-4.93	-2.24	30	Pass
11n (HT20)	CH157	5785	-4.84	-4.75	-1.78	30	Pass
11n (HT20)	CH165	5825	-5.93	-5.19	-2.53	30	Pass
11n (HT40)	CH151	5755	-8.95	-7.82	-5.34	30	Pass
11n (HT40)	CH159	5795	-8.37	-7.02	-4.63	30	Pass
11ac (VHT20)	CH149	5745	-5.04	-7.12	-2.95	30	Pass
11ac (VHT20)	CH157	5785	-4.43	-4.52	-1.46	30	Pass
11ac (VHT20)	CH165	5825	-5.60	-5.11	-2.34	30	Pass
11ac (VHT40)	CH151	5755	-9.48	-7.76	-5.53	30	Pass
11ac (VHT40)	CH159	5795	-7.77	-7.12	-4.42	30	Pass
11ac (VHT80)	CH155	5775	-12.05	-11.54	-8.78	30	Pass

**EIRP-SISO**

Band I (5150 - 5250 MHz)						
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	IC Limit (dBm/MHz)	Verdict
11a	CH36	5180	3.18	3.44	10.0	Pass
11a	CH44	5220	3.20	3.27	10.0	Pass
11a	CH48	5240	3.12	2.40	10.0	Pass
11n (HT20)	CH36	5180	3.41	3.46	10.0	Pass
11n (HT20)	CH44	5220	3.03	3.33	10.0	Pass
11n (HT20)	CH48	5240	3.08	3.23	10.0	Pass
11n (HT40)	CH38	5190	1.98	2.07	10.0	Pass
11n (HT40)	CH46	5230	1.92	1.59	10.0	Pass
11ac (VHT20)	CH36	5180	3.44	3.03	10.0	Pass
11ac (VHT20)	CH44	5220	2.96	3.39	10.0	Pass
11ac (VHT20)	CH48	5240	3.08	3.29	10.0	Pass
11ac (VHT40)	CH38	5190	2.01	1.96	10.0	Pass
11ac (VHT40)	CH46	5230	1.98	1.91	10.0	Pass
11ac (VHT80)	CH42	5210	1.30	1.47	10.0	Pass

**EIRP-MIMO**

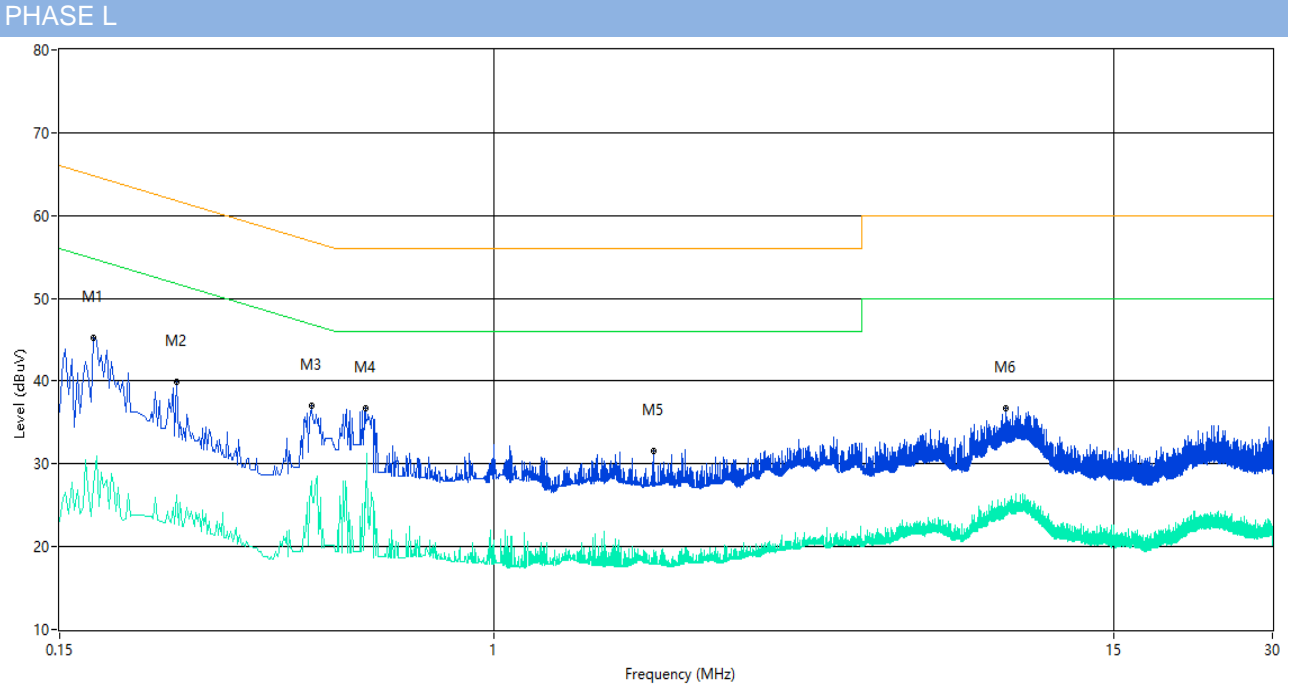
Band I (5150 - 5250 MHz)							
Mode	Channel	Frequency (MHz)	PSD at ant A (dBm/MHz)	PSD at ant B (dBm/MHz)	Total PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11n (HT20)	CH36	5180	2.31	2.11	5.22	10.0	Pass
11n (HT20)	CH44	5220	2.15	2.00	5.09	10.0	Pass
11n (HT20)	CH48	5240	2.22	2.34	5.29	10.0	Pass
11n (HT40)	CH38	5190	1.35	1.39	4.38	10.0	Pass
11n (HT40)	CH46	5230	1.28	1.31	4.31	10.0	Pass
11ac (VHT20)	CH36	5180	2.49	2.19	5.35	10.0	Pass
11ac (VHT20)	CH44	5220	2.32	2.12	5.23	10.0	Pass
11ac (VHT20)	CH48	5240	2.37	2.34	5.37	10.0	Pass
11ac (VHT40)	CH38	5190	1.49	1.32	4.42	10.0	Pass
11ac (VHT40)	CH46	5230	1.32	1.34	4.34	10.0	Pass
11ac (VHT80)	CH42	5210	0.95	0.81	3.89	10.0	Pass

## A.5 Conducted Emissions

Note<sup>1</sup>: The EUT is working in the Normal link mode.

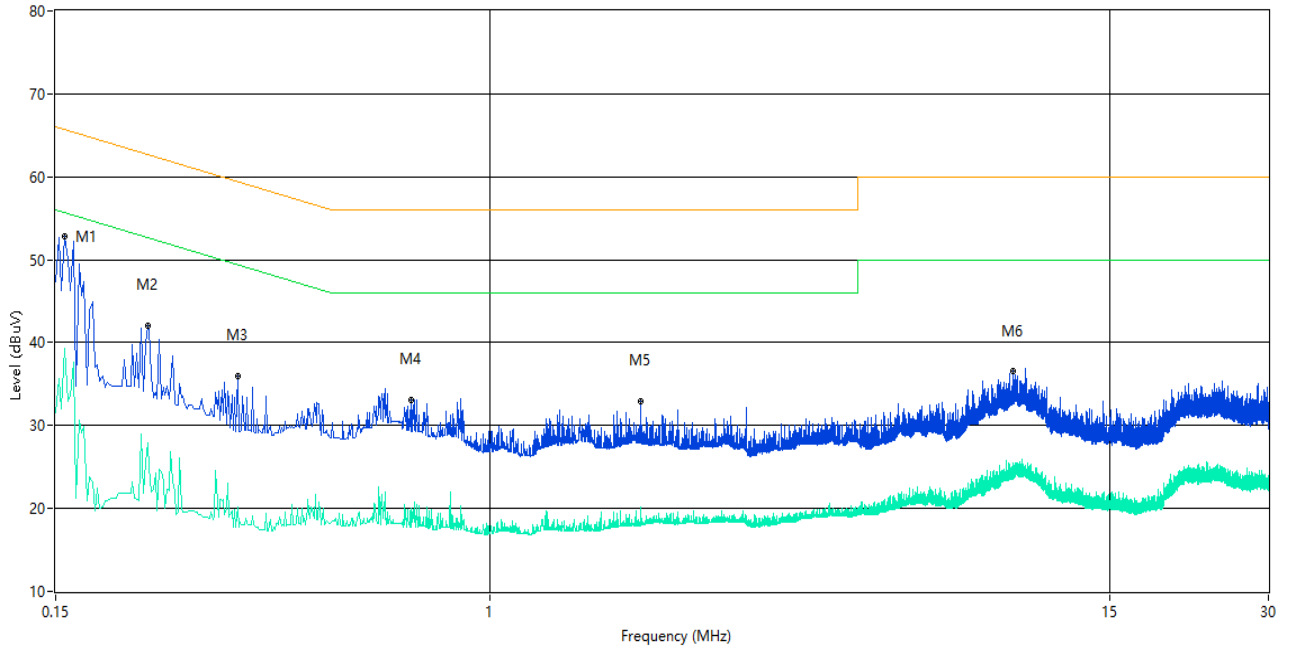
Note<sup>2</sup>: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

### Test Data and Plots



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.174	45.3	10.01	64.8	-19.50	Peak	L Line	Pass
1**	0.174	27.3	10.01	54.8	-27.50	AV	L Line	Pass
2	0.250	39.9	10.00	61.8	-21.90	Peak	L Line	Pass
2**	0.250	26.3	10.00	51.8	-25.50	AV	L Line	Pass
3	0.450	37.1	10.02	56.9	-19.80	Peak	L Line	Pass
3**	0.450	28.0	10.02	46.9	-18.90	AV	L Line	Pass
4	0.570	36.8	10.01	56.0	-19.20	Peak	L Line	Pass
4**	0.570	27.6	10.01	46.0	-18.40	AV	L Line	Pass
5	2.006	31.6	10.06	56.0	-24.40	Peak	L Line	Pass
5**	2.006	19.5	10.06	46.0	-26.50	AV	L Line	Pass
6	9.366	36.7	10.16	60.0	-23.30	Peak	L Line	Pass
6**	9.366	23.4	10.16	50.0	-26.60	AV	L Line	Pass

## PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	52.8	10.01	65.7	-12.90	Peak	N Line	Pass
1**	0.156	39.3	10.01	55.7	-16.40	AV	N Line	Pass
2	0.224	42.0	10.02	62.7	-20.70	Peak	N Line	Pass
2**	0.224	28.0	10.02	52.7	-24.70	AV	N Line	Pass
3	0.332	36.0	10.03	59.4	-23.40	Peak	N Line	Pass
3**	0.332	20.2	10.03	49.4	-29.20	AV	N Line	Pass
4	0.710	33.1	10.02	56.0	-22.90	Peak	N Line	Pass
4**	0.710	20.1	10.02	46.0	-25.90	AV	N Line	Pass
5	1.930	32.9	10.05	56.0	-23.10	Peak	N Line	Pass
5**	1.930	20.1	10.05	46.0	-25.90	AV	N Line	Pass
6	9.852	36.5	10.17	60.0	-23.50	Peak	N Line	Pass
6**	9.852	24.1	10.17	50.0	-25.90	AV	N Line	Pass



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

### Test Data

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

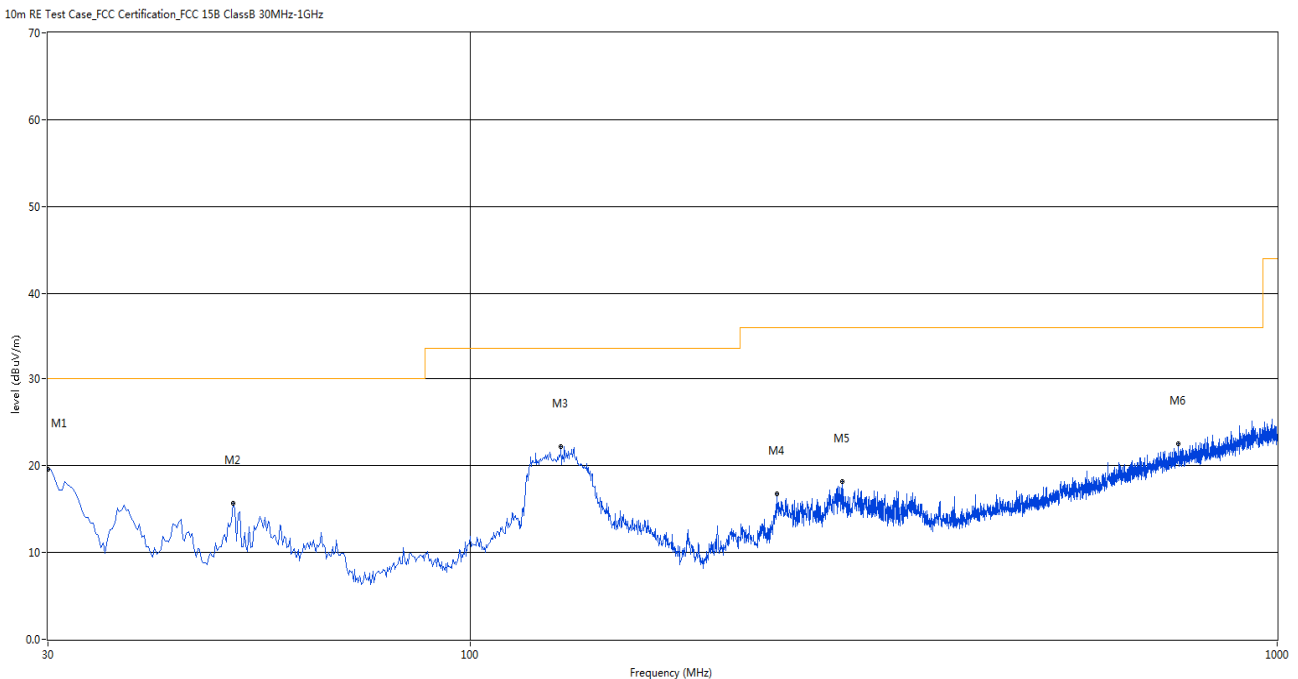
Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

Note 5: For Multiple transmitter output, the quantity  $10 \log(NANT)$  dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding  $10 \log(NANT)$  if the measurements are made relative to the in-band emissions on the individual outputs.

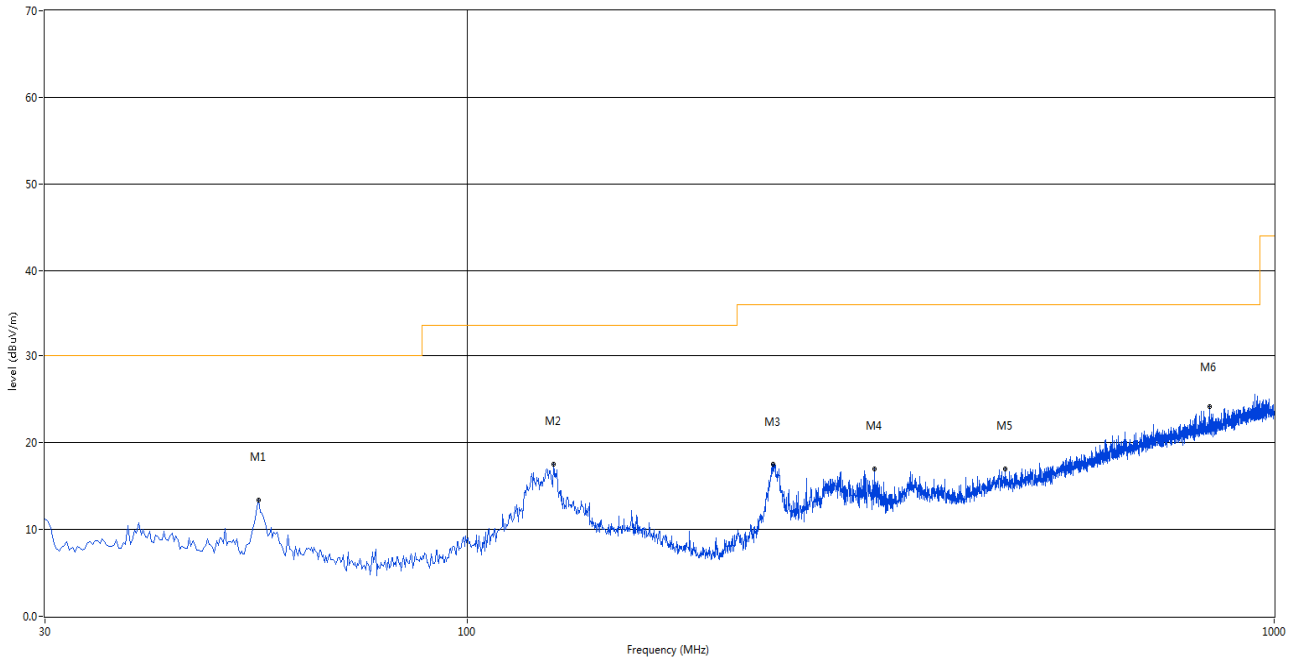
### 30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	30.000	19.61	-27.47	30.0	-10.39	Peak	243.00	100	Vertical	Pass
2	50.855	15.69	-27.24	30.0	-14.31	Peak	360.00	200	Vertical	Pass
3	129.667	22.26	-27.37	33.5	-11.24	Peak	287.00	100	Vertical	Pass
4	240.005	16.82	-27.87	36.0	-19.18	Peak	243.00	100	Vertical	Pass
5	289.475	18.20	-26.09	36.0	-17.80	Peak	186.00	100	Vertical	Pass
6	754.347	22.51	-14.78	36.0	-13.49	Peak	360.00	200	Vertical	Pass

30 MHz to 1 GHz, ANT H

10m RE Test Case\_FCC Certification\_FCC 15B ClassB 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1	55.220	13.44	-27.48	30.0	-16.56	Peak	312.00	300	Horizontal	Pass
2	127.970	17.58	-27.34	33.5	-15.92	Peak	360.00	400	Horizontal	Pass
3	239.520	17.48	-27.89	36.0	-18.52	Peak	312.00	400	Horizontal	Pass
4	320.030	16.95	-25.30	36.0	-19.05	Peak	86.00	400	Horizontal	Pass
5	464.318	16.94	-21.22	36.0	-19.06	Peak	0.00	300	Horizontal	Pass
6	832.433	24.14	-13.71	36.0	-11.86	Peak	237.00	100	Horizontal	Pass

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

**ANT A**

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1456.500	29.25	-14.17	54.0	-24.75	AV	104.00	150	Vertical	Pass
1	1456.500	40.64	-14.17	74.0	-33.36	Peak	104.00	150	Vertical	Pass
2**	2791.000	37.48	-5.05	54.0	-16.52	AV	244.00	150	Vertical	Pass
2	2791.000	47.76	-5.05	74.0	-26.24	Peak	244.00	150	Vertical	Pass
3**	3912.000	43.27	1.80	54.0	-10.73	AV	189.00	150	Vertical	Pass
3	3912.000	53.14	1.80	74.0	-20.86	Peak	189.00	150	Vertical	Pass
4**	5184.000	104.34	8.39	--	104.34	AV	181.00	150	Vertical	N/A
4	5184.000	111.39	8.39	--	-69.61	Peak	181.00	150	Vertical	N/A
5**	8302.375	38.16	-0.86	54.0	-15.84	AV	58.00	150	Vertical	Pass
5	8302.375	48.20	-0.86	74.0	-25.80	Peak	58.00	150	Vertical	Pass
6**	15804.188	43.90	2.97	54.0	-10.10	AV	0.00	150	Vertical	Pass
6	15804.188	53.98	2.97	74.0	-20.02	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1586.000	29.80	-13.99	54.0	-24.20	AV	277.00	150	Horizontal	Pass
1	1586.000	40.09	-13.99	74.0	-33.91	Peak	277.00	150	Horizontal	Pass
2**	2786.000	37.51	-5.03	54.0	-16.49	AV	239.00	150	Horizontal	Pass
2	2786.000	47.79	-5.03	74.0	-26.21	Peak	239.00	150	Horizontal	Pass
3**	4233.000	42.40	0.91	54.0	-11.60	AV	21.00	150	Horizontal	Pass
3	4233.000	53.66	0.91	74.0	-20.34	Peak	21.00	150	Horizontal	Pass
4**	5179.000	90.79	8.35	--	90.79	AV	228.00	150	Horizontal	N/A
4	5179.000	97.14	8.35	--	-130.86	Peak	228.00	150	Horizontal	N/A
5**	9081.500	38.35	-0.91	54.0	-15.65	AV	360.00	150	Horizontal	Pass
5	9081.500	49.96	-0.91	74.0	-24.04	Peak	360.00	150	Horizontal	Pass
6**	15858.000	43.35	1.55	54.0	-10.65	AV	135.00	150	Horizontal	Pass
6	15858.000	54.50	1.55	74.0	-19.50	Peak	135.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1549.500	29.55	-14.15	54.0	-24.45	AV	125.00	150	Vertical	Pass
1	1549.500	40.00	-14.15	74.0	-34.00	Peak	125.00	150	Vertical	Pass
2**	2775.000	36.61	-5.72	54.0	-17.39	AV	91.00	150	Vertical	Pass
2	2775.000	47.44	-5.72	74.0	-26.56	Peak	91.00	150	Vertical	Pass
3**	4216.000	44.32	2.68	54.0	-9.68	AV	0.00	150	Vertical	Pass
3	4216.000	53.57	2.68	74.0	-20.43	Peak	0.00	150	Vertical	Pass
4**	5216.000	104.02	8.57	--	104.02	AV	278.00	150	Vertical	N/A
4	5216.000	110.98	8.57	--	-167.02	Peak	278.00	150	Vertical	N/A
5**	7531.875	38.35	-1.69	54.0	-15.65	AV	212.00	150	Vertical	Pass
5	7531.875	48.08	-1.69	74.0	-25.92	Peak	212.00	150	Vertical	Pass
6**	12291.438	39.99	1.96	54.0	-14.01	AV	9.00	150	Vertical	Pass
6	12291.438	50.67	1.96	74.0	-23.33	Peak	9.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1544.000	30.40	-13.95	54.0	-23.60	AV	8.00	150	Horizontal	Pass
1	1544.000	40.02	-13.95	74.0	-33.98	Peak	8.00	150	Horizontal	Pass
2**	2789.000	37.84	-5.09	54.0	-16.16	AV	175.00	150	Horizontal	Pass
2	2789.000	47.13	-5.09	74.0	-26.87	Peak	175.00	150	Horizontal	Pass
3**	4215.000	44.71	2.56	54.0	-9.29	AV	104.00	150	Horizontal	Pass
3	4215.000	53.78	2.56	74.0	-20.22	Peak	104.00	150	Horizontal	Pass
4**	5218.000	89.80	8.57	--	89.80	AV	228.00	150	Horizontal	N/A
4	5218.000	96.61	8.57	--	-131.39	Peak	228.00	150	Horizontal	N/A
5**	7540.500	38.11	-1.50	54.0	-15.89	AV	69.00	150	Horizontal	Pass
5	7540.500	47.97	-1.50	74.0	-26.03	Peak	69.00	150	Horizontal	Pass
6**	11186.000	39.36	-0.23	54.0	-14.64	AV	69.00	150	Horizontal	Pass
6	11186.000	50.05	-0.23	74.0	-23.95	Peak	69.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1505.500	29.92	-14.04	54.0	-24.08	AV	0.00	150	Vertical	Pass
1	1505.500	40.05	-14.04	74.0	-33.95	Peak	0.00	150	Vertical	Pass
2**	2795.500	37.40	-5.12	54.0	-16.60	AV	242.00	150	Vertical	Pass
2	2795.500	48.44	-5.12	74.0	-25.56	Peak	242.00	150	Vertical	Pass
3**	4222.000	43.59	2.15	54.0	-10.41	AV	53.00	150	Vertical	Pass
3	4222.000	53.77	2.15	74.0	-20.23	Peak	53.00	150	Vertical	Pass
4**	5236.000	103.70	8.58	--	103.70	AV	297.00	150	Vertical	N/A
4	5236.000	110.75	8.58	--	-186.25	Peak	297.00	150	Vertical	N/A
5**	7544.813	37.88	-1.67	54.0	-16.12	AV	34.00	150	Vertical	Pass
5	7544.813	48.64	-1.67	74.0	-25.36	Peak	34.00	150	Vertical	Pass
6**	12041.312	39.98	1.22	54.0	-14.02	AV	318.00	150	Vertical	Pass
6	12041.312	51.31	1.22	74.0	-22.69	Peak	318.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1566.500	30.27	-14.05	54.0	-23.73	AV	0.00	150	Horizontal	Pass
1	1566.500	40.29	-14.05	74.0	-33.71	Peak	0.00	150	Horizontal	Pass
2**	2783.000	37.52	-5.24	54.0	-16.48	AV	181.00	150	Horizontal	Pass
2	2783.000	47.65	-5.24	74.0	-26.35	Peak	181.00	150	Horizontal	Pass
3**	4215.000	44.71	2.56	54.0	-9.29	AV	0.00	150	Horizontal	Pass
3	4215.000	54.22	2.56	74.0	-19.78	Peak	0.00	150	Horizontal	Pass
4**	5245.000	89.69	8.62	--	89.69	AV	94.00	150	Horizontal	N/A
4	5245.000	96.61	8.62	--	2.61	Peak	94.00	150	Horizontal	N/A
5**	8306.687	38.23	-0.97	54.0	-15.77	AV	214.00	150	Horizontal	Pass
5	8306.687	49.31	-0.97	74.0	-24.69	Peak	214.00	150	Horizontal	Pass
6**	12044.188	39.97	1.27	54.0	-14.03	AV	19.00	150	Horizontal	Pass
6	12044.188	50.92	1.27	74.0	-23.08	Peak	19.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1470.000	29.80	-14.02	54.0	-24.20	AV	195.00	150	Vertical	Pass
1	1470.000	40.46	-14.02	74.0	-33.54	Peak	195.00	150	Vertical	Pass
2**	2781.500	37.83	-5.37	54.0	-16.17	AV	0.00	150	Vertical	Pass
2	2781.500	47.70	-5.37	74.0	-26.30	Peak	0.00	150	Vertical	Pass
3**	4213.000	43.90	2.30	54.0	-10.10	AV	68.00	150	Vertical	Pass
3	4213.000	53.76	2.30	74.0	-20.24	Peak	68.00	150	Vertical	Pass
4**	5183.000	104.02	8.38	--	104.02	AV	291.00	150	Vertical	N/A
4	5183.000	111.01	8.38	--	-179.99	Peak	291.00	150	Vertical	N/A
5**	7419.750	37.65	-2.45	54.0	-16.35	AV	341.00	150	Vertical	Pass
5	7419.750	47.85	-2.45	74.0	-26.15	Peak	341.00	150	Vertical	Pass
6**	15518.063	43.91	2.48	54.0	-10.09	AV	294.00	150	Vertical	Pass
6	15518.063	54.42	2.48	74.0	-19.58	Peak	294.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1499.000	29.61	-14.24	54.0	-24.39	AV	360.00	150	Horizontal	Pass
1	1499.000	39.89	-14.24	74.0	-34.11	Peak	360.00	150	Horizontal	Pass
2**	2780.000	37.08	-5.44	54.0	-16.92	AV	116.00	150	Horizontal	Pass
2	2780.000	47.16	-5.44	74.0	-26.84	Peak	116.00	150	Horizontal	Pass
3**	4212.000	43.78	2.16	54.0	-10.22	AV	200.00	150	Horizontal	Pass
3	4212.000	54.39	2.16	74.0	-19.61	Peak	200.00	150	Horizontal	Pass
4**	5181.000	89.27	8.36	--	89.27	AV	239.00	150	Horizontal	N/A
4	5181.000	97.05	8.36	--	-141.95	Peak	239.00	150	Horizontal	N/A
5**	8102.562	38.07	-1.68	54.0	-15.93	AV	76.00	150	Horizontal	Pass
5	8102.562	48.70	-1.68	74.0	-25.30	Peak	76.00	150	Horizontal	Pass
6**	12279.937	41.00	2.09	54.0	-13.00	AV	131.00	150	Horizontal	Pass
6	12279.937	50.88	2.09	74.0	-23.12	Peak	131.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1513.500	30.08	-14.03	54.0	-23.92	AV	243.00	150	Vertical	Pass
1	1513.500	40.34	-14.03	74.0	-33.66	Peak	243.00	150	Vertical	Pass
2**	2863.500	37.62	-5.20	54.0	-16.38	AV	125.00	150	Vertical	Pass
2	2863.500	48.03	-5.20	74.0	-25.97	Peak	125.00	150	Vertical	Pass
3**	4214.000	44.05	2.44	54.0	-9.95	AV	204.00	150	Vertical	Pass
3	4214.000	53.49	2.44	74.0	-20.51	Peak	204.00	150	Vertical	Pass
4**	5215.000	102.13	8.56	--	102.13	AV	297.00	150	Vertical	N/A
4	5215.000	111.67	8.56	--	-185.33	Peak	297.00	150	Vertical	N/A
5**	7340.687	37.47	-3.51	54.0	-16.53	AV	281.00	150	Vertical	Pass
5	7340.687	48.37	-3.51	74.0	-25.63	Peak	281.00	150	Vertical	Pass
6**	12093.062	39.55	0.79	54.0	-14.45	AV	318.00	150	Vertical	Pass
6	12093.062	50.82	0.79	74.0	-23.18	Peak	318.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1503.500	29.73	-14.14	54.0	-24.27	AV	305.00	150	Horizontal	Pass
1	1503.500	40.47	-14.14	74.0	-33.53	Peak	305.00	150	Horizontal	Pass
2**	2786.000	37.41	-5.03	54.0	-16.59	AV	137.00	150	Horizontal	Pass
2	2786.000	47.14	-5.03	74.0	-26.86	Peak	137.00	150	Horizontal	Pass
3**	3911.000	43.36	1.65	54.0	-10.64	AV	349.00	150	Horizontal	Pass
3	3911.000	53.28	1.65	74.0	-20.72	Peak	349.00	150	Horizontal	Pass
4**	5218.000	89.49	8.57	--	89.49	AV	221.00	150	Horizontal	N/A
4	5218.000	96.28	8.57	--	-124.72	Peak	221.00	150	Horizontal	N/A
5**	7452.812	37.43	-3.12	54.0	-16.57	AV	193.00	150	Horizontal	Pass
5	7452.812	48.12	-3.12	74.0	-25.88	Peak	193.00	150	Horizontal	Pass
6**	15560.063	43.54	2.35	54.0	-10.46	AV	271.00	150	Horizontal	Pass
6	15560.063	54.02	2.35	74.0	-19.98	Peak	271.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1538.000	29.72	-14.08	54.0	-24.28	AV	25.00	150	Vertical	Pass
1	1538.000	40.79	-14.08	74.0	-33.21	Peak	25.00	150	Vertical	Pass
2**	2794.500	36.95	-5.04	54.0	-17.05	AV	0.00	150	Vertical	Pass
2	2794.500	49.31	-5.04	74.0	-24.69	Peak	0.00	150	Vertical	Pass
3**	3913.000	43.28	1.90	54.0	-10.72	AV	360.00	150	Vertical	Pass
3	3913.000	52.85	1.90	74.0	-21.15	Peak	360.00	150	Vertical	Pass
4**	5243.000	103.73	8.62	--	103.73	AV	292.00	150	Vertical	N/A
4	5243.000	111.01	8.62	--	-180.99	Peak	292.00	150	Vertical	N/A
5**	8229.063	38.27	-1.54	54.0	-15.73	AV	357.00	150	Vertical	Pass
5	8229.063	48.41	-1.54	74.0	-25.59	Peak	357.00	150	Vertical	Pass
6**	15620.437	43.67	2.62	54.0	-10.33	AV	291.00	150	Vertical	Pass
6	15620.437	54.05	2.62	74.0	-19.95	Peak	291.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1499.000	29.49	-14.24	54.0	-24.51	AV	0.00	150	Horizontal	Pass
1	1499.000	40.08	-14.24	74.0	-33.92	Peak	0.00	150	Horizontal	Pass
2**	2788.000	37.14	-5.11	54.0	-16.86	AV	209.00	150	Horizontal	Pass
2	2788.000	47.53	-5.11	74.0	-26.47	Peak	209.00	150	Horizontal	Pass
3**	4214.000	44.32	2.44	54.0	-9.68	AV	360.00	150	Horizontal	Pass
3	4214.000	53.62	2.44	74.0	-20.38	Peak	360.00	150	Horizontal	Pass
4**	5243.000	89.30	8.62	--	89.30	AV	64.00	150	Horizontal	N/A
4	5243.000	96.31	8.62	--	32.31	Peak	64.00	150	Horizontal	N/A
5**	7534.750	37.65	-1.82	54.0	-16.35	AV	85.00	150	Horizontal	Pass
5	7534.750	48.22	-1.82	74.0	-25.78	Peak	85.00	150	Horizontal	Pass
6**	11293.813	39.87	0.61	54.0	-14.13	AV	0.00	150	Horizontal	Pass
6	11293.813	50.50	0.61	74.0	-23.50	Peak	0.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1534.000	29.75	-14.15	54.0	-24.25	AV	240.00	150	Vertical	Pass
1	1534.000	39.92	-14.15	74.0	-34.08	Peak	240.00	150	Vertical	Pass
2**	2787.000	37.51	-5.07	54.0	-16.49	AV	268.00	150	Vertical	Pass
2	2787.000	47.34	-5.07	74.0	-26.66	Peak	268.00	150	Vertical	Pass
3**	4214.000	44.13	2.44	54.0	-9.87	AV	233.00	150	Vertical	Pass
3	4214.000	54.75	2.44	74.0	-19.25	Peak	233.00	150	Vertical	Pass
4**	5182.000	100.71	8.37	--	100.71	AV	291.00	150	Vertical	N/A
4	5182.000	108.38	8.37	--	-182.62	Peak	291.00	150	Vertical	N/A
5**	7490.187	37.74	-2.80	54.0	-16.26	AV	61.00	150	Vertical	Pass
5	7490.187	48.05	-2.80	74.0	-25.95	Peak	61.00	150	Vertical	Pass
6**	12018.312	40.02	1.21	54.0	-13.98	AV	46.00	150	Vertical	Pass
6	12018.312	50.78	1.21	74.0	-23.22	Peak	46.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1561.500	29.48	-14.06	54.0	-24.52	AV	66.00	150	Horizontal	Pass
1	1561.500	40.33	-14.06	74.0	-33.67	Peak	66.00	150	Horizontal	Pass
2**	2787.500	37.57	-5.09	54.0	-16.43	AV	217.00	150	Horizontal	Pass
2	2787.500	46.94	-5.09	74.0	-27.06	Peak	217.00	150	Horizontal	Pass
3**	4215.000	44.49	2.56	54.0	-9.51	AV	93.00	150	Horizontal	Pass
3	4215.000	54.04	2.56	74.0	-19.96	Peak	93.00	150	Horizontal	Pass
4**	5180.000	87.04	8.36	--	87.04	AV	228.00	150	Horizontal	N/A
4	5180.000	93.87	8.36	--	-134.13	Peak	228.00	150	Horizontal	N/A
5**	7547.687	38.29	-1.43	54.0	-15.71	AV	78.00	150	Horizontal	Pass
5	7547.687	48.45	-1.43	74.0	-25.55	Peak	78.00	150	Horizontal	Pass
6**	12002.500	40.32	1.48	54.0	-13.68	AV	78.00	150	Horizontal	Pass
6	12002.500	50.65	1.48	74.0	-23.35	Peak	78.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1549.000	29.67	-14.16	54.0	-24.33	AV	360.00	150	Vertical	Pass
1	1549.000	40.83	-14.16	74.0	-33.17	Peak	360.00	150	Vertical	Pass
2**	2815.000	37.50	-5.13	54.0	-16.50	AV	222.00	150	Vertical	Pass
2	2815.000	47.81	-5.13	74.0	-26.19	Peak	222.00	150	Vertical	Pass
3**	4161.000	43.30	1.94	54.0	-10.70	AV	298.00	150	Vertical	Pass
3	4161.000	53.84	1.94	74.0	-20.16	Peak	298.00	150	Vertical	Pass
4**	5218.000	101.21	8.57	--	101.21	AV	298.00	150	Vertical	N/A
4	5218.000	108.65	8.57	--	-189.35	Peak	298.00	150	Vertical	N/A
5**	7503.125	37.67	-2.26	54.0	-16.33	AV	306.00	150	Vertical	Pass
5	7503.125	48.44	-2.26	74.0	-25.56	Peak	306.00	150	Vertical	Pass
6**	12279.937	40.72	2.09	54.0	-13.28	AV	0.00	150	Vertical	Pass
6	12279.937	51.87	2.09	74.0	-22.13	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1580.000	29.75	-14.02	54.0	-24.25	AV	215.00	150	Horizontal	Pass
1	1580.000	40.33	-14.02	74.0	-33.67	Peak	215.00	150	Horizontal	Pass
2**	2792.500	37.24	-5.07	54.0	-16.76	AV	284.00	150	Horizontal	Pass
2	2792.500	47.09	-5.07	74.0	-26.91	Peak	284.00	150	Horizontal	Pass
3**	3911.000	43.73	1.65	54.0	-10.27	AV	360.00	150	Horizontal	Pass
3	3911.000	53.51	1.65	74.0	-20.49	Peak	360.00	150	Horizontal	Pass
4**	5219.000	86.38	8.57	--	86.38	AV	226.00	150	Horizontal	N/A
4	5219.000	93.44	8.57	--	-132.56	Peak	226.00	150	Horizontal	N/A
5**	7531.875	37.89	-1.69	54.0	-16.11	AV	272.00	150	Horizontal	Pass
5	7531.875	48.46	-1.69	74.0	-25.54	Peak	272.00	150	Horizontal	Pass
6**	15519.375	44.24	2.51	54.0	-9.76	AV	82.00	150	Horizontal	Pass
6	15519.375	55.19	2.51	74.0	-18.81	Peak	82.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1509.000	29.69	-13.90	54.0	-24.31	AV	285.00	150	Vertical	Pass
1	1509.000	39.83	-13.90	74.0	-34.17	Peak	285.00	150	Vertical	Pass
2**	2815.500	37.24	-5.10	54.0	-16.76	AV	333.00	150	Vertical	Pass
2	2815.500	47.49	-5.10	74.0	-26.51	Peak	333.00	150	Vertical	Pass
3**	4219.000	44.24	2.54	54.0	-9.76	AV	235.00	150	Vertical	Pass
3	4219.000	53.85	2.54	74.0	-20.15	Peak	235.00	150	Vertical	Pass
4**	5184.000	104.54	8.39	--	104.54	AV	299.00	150	Vertical	N/A
4	5184.000	110.91	8.39	--	-188.09	Peak	299.00	150	Vertical	N/A
5**	7441.312	37.20	-2.90	54.0	-16.80	AV	184.00	150	Vertical	Pass
5	7441.312	47.85	-2.90	74.0	-26.15	Peak	184.00	150	Vertical	Pass
6**	11666.125	40.04	0.55	54.0	-13.96	AV	98.00	150	Vertical	Pass
6	11666.125	50.88	0.55	74.0	-23.12	Peak	98.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1502.000	29.52	-14.24	54.0	-24.48	AV	137.00	150	Horizontal	Pass
1	1502.000	40.05	-14.24	74.0	-33.95	Peak	137.00	150	Horizontal	Pass
2**	2782.500	37.43	-5.29	54.0	-16.57	AV	76.00	150	Horizontal	Pass
2	2782.500	47.83	-5.29	74.0	-26.17	Peak	76.00	150	Horizontal	Pass
3**	4216.000	44.14	2.68	54.0	-9.86	AV	140.00	150	Horizontal	Pass
3	4216.000	53.52	2.68	74.0	-20.48	Peak	140.00	150	Horizontal	Pass
4**	5179.000	90.03	8.35	--	90.03	AV	235.00	150	Horizontal	N/A
4	5179.000	96.88	8.35	--	-138.12	Peak	235.00	150	Horizontal	N/A
5**	7618.125	37.85	-2.42	54.0	-16.15	AV	14.00	150	Horizontal	Pass
5	7618.125	49.16	-2.42	74.0	-24.84	Peak	14.00	150	Horizontal	Pass
6**	12343.187	40.52	1.90	54.0	-13.48	AV	289.00	150	Horizontal	Pass
6	12343.187	51.51	1.90	74.0	-22.49	Peak	289.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1493.500	29.34	-14.33	54.0	-24.66	AV	219.00	150	Vertical	Pass
1	1493.500	40.39	-14.33	74.0	-33.61	Peak	219.00	150	Vertical	Pass
2**	2796.500	37.89	-5.19	54.0	-16.11	AV	32.00	150	Vertical	Pass
2	2796.500	47.57	-5.19	74.0	-26.43	Peak	32.00	150	Vertical	Pass
3**	4219.000	44.11	2.54	54.0	-9.89	AV	189.00	150	Vertical	Pass
3	4219.000	53.77	2.54	74.0	-20.23	Peak	189.00	150	Vertical	Pass
4**	5224.000	105.15	8.57	--	105.15	AV	276.00	150	Vertical	N/A
4	5224.000	111.84	8.57	--	-164.16	Peak	276.00	150	Vertical	N/A
5**	7514.625	38.11	-2.00	54.0	-15.89	AV	199.00	150	Vertical	Pass
5	7514.625	48.46	-2.00	74.0	-25.54	Peak	199.00	150	Vertical	Pass
6**	12101.687	39.83	0.87	54.0	-14.17	AV	89.00	150	Vertical	Pass
6	12101.687	50.40	0.87	74.0	-23.60	Peak	89.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1564.000	30.11	-13.63	54.0	-23.89	AV	360.00	150	Horizontal	Pass
1	1564.000	40.06	-13.63	74.0	-33.94	Peak	360.00	150	Horizontal	Pass
2**	2772.500	36.40	-5.92	54.0	-17.60	AV	0.00	150	Horizontal	Pass
2	2772.500	48.09	-5.92	74.0	-25.91	Peak	0.00	150	Horizontal	Pass
3**	3911.000	43.56	1.65	54.0	-10.44	AV	103.00	150	Horizontal	Pass
3	3911.000	53.34	1.65	74.0	-20.66	Peak	103.00	150	Horizontal	Pass
4**	5216.000	89.21	8.57	--	89.21	AV	223.00	150	Horizontal	N/A
4	5216.000	95.99	8.57	--	-127.01	Peak	223.00	150	Horizontal	N/A
5**	7425.500	37.87	-2.54	54.0	-16.13	AV	234.00	150	Horizontal	Pass
5	7425.500	48.30	-2.54	74.0	-25.70	Peak	234.00	150	Horizontal	Pass
6**	10864.000	39.91	0.52	54.0	-14.09	AV	0.00	150	Horizontal	Pass
6	10864.000	50.12	0.52	74.0	-23.88	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1360.000	29.76	-13.99	54.0	-24.24	AV	0.00	150	Vertical	Pass
1	1360.000	40.36	-13.99	74.0	-33.64	Peak	0.00	150	Vertical	Pass
2**	2212.500	34.42	-8.81	54.0	-19.58	AV	18.00	150	Vertical	Pass
2	2212.500	51.17	-8.81	74.0	-22.83	Peak	18.00	150	Vertical	Pass
3**	4222.000	43.33	2.15	54.0	-10.67	AV	0.00	150	Vertical	Pass
3	4222.000	54.34	2.15	74.0	-19.66	Peak	0.00	150	Vertical	Pass
4**	5238.000	103.42	8.59	--	103.42	AV	273.00	150	Vertical	N/A
4	5238.000	110.98	8.59	--	-162.02	Peak	273.00	150	Vertical	N/A
5**	8099.687	38.97	-1.37	54.0	-15.03	AV	146.00	150	Vertical	Pass
5	8099.687	48.82	-1.37	74.0	-25.18	Peak	146.00	150	Vertical	Pass
6**	11887.500	39.89	2.04	54.0	-14.11	AV	294.00	150	Vertical	Pass
6	11887.500	51.08	2.04	74.0	-22.92	Peak	294.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1546.500	29.80	-13.99	54.0	-24.20	AV	207.00	150	Horizontal	Pass
1	1546.500	39.92	-13.99	74.0	-34.08	Peak	207.00	150	Horizontal	Pass
2**	2840.500	36.57	-5.69	54.0	-17.43	AV	55.00	150	Horizontal	Pass
2	2840.500	47.45	-5.69	74.0	-26.55	Peak	55.00	150	Horizontal	Pass
3**	4223.000	43.25	2.00	54.0	-10.75	AV	342.00	150	Horizontal	Pass
3	4223.000	54.02	2.00	74.0	-19.98	Peak	342.00	150	Horizontal	Pass
4**	5242.000	89.10	8.61	--	89.10	AV	240.00	150	Horizontal	N/A
4	5242.000	95.72	8.61	--	-144.28	Peak	240.00	150	Horizontal	N/A
5**	7431.250	37.82	-2.47	54.0	-16.18	AV	67.00	150	Horizontal	Pass
5	7431.250	48.56	-2.47	74.0	-25.44	Peak	67.00	150	Horizontal	Pass
6**	11562.625	39.43	-0.09	54.0	-14.57	AV	29.00	150	Horizontal	Pass
6	11562.625	50.46	-0.09	74.0	-23.54	Peak	29.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1374.000	29.29	-14.11	54.0	-24.71	AV	198.00	150	Vertical	Pass
1	1374.000	40.31	-14.11	74.0	-33.69	Peak	198.00	150	Vertical	Pass
2**	2867.000	37.61	-5.34	54.0	-16.39	AV	6.00	150	Vertical	Pass
2	2867.000	48.33	-5.34	74.0	-25.67	Peak	6.00	150	Vertical	Pass
3**	3914.000	42.99	1.97	54.0	-11.01	AV	234.00	150	Vertical	Pass
3	3914.000	53.22	1.97	74.0	-20.78	Peak	234.00	150	Vertical	Pass
4**	5186.000	100.21	8.40	--	100.21	AV	185.00	150	Vertical	N/A
4	5186.000	108.79	8.40	--	-76.21	Peak	185.00	150	Vertical	N/A
5**	7419.750	38.07	-2.45	54.0	-15.93	AV	278.00	150	Vertical	Pass
5	7419.750	49.06	-2.45	74.0	-24.94	Peak	278.00	150	Vertical	Pass
6**	11114.125	39.02	-0.45	54.0	-14.98	AV	182.00	150	Vertical	Pass
6	11114.125	50.45	-0.45	74.0	-23.55	Peak	182.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1340.000	29.25	-14.19	54.0	-24.75	AV	291.00	150	Horizontal	Pass
1	1340.000	40.11	-14.19	74.0	-33.89	Peak	291.00	150	Horizontal	Pass
2**	2780.000	37.45	-5.44	54.0	-16.55	AV	311.00	150	Horizontal	Pass
2	2780.000	47.62	-5.44	74.0	-26.38	Peak	311.00	150	Horizontal	Pass
3**	3915.000	43.51	1.92	54.0	-10.49	AV	0.00	150	Horizontal	Pass
3	3915.000	53.30	1.92	74.0	-20.70	Peak	0.00	150	Horizontal	Pass
4**	5183.000	86.16	8.38	--	86.16	AV	262.00	150	Horizontal	N/A
4	5183.000	93.87	8.38	--	-168.13	Peak	262.00	150	Horizontal	N/A
5**	7484.438	38.09	-2.67	54.0	-15.91	AV	360.00	150	Horizontal	Pass
5	7484.438	48.14	-2.67	74.0	-25.86	Peak	360.00	150	Horizontal	Pass
6**	11946.438	40.26	1.61	54.0	-13.74	AV	360.00	150	Horizontal	Pass
6	11946.438	50.51	1.61	74.0	-23.49	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1483.000	29.59	-14.20	54.0	-24.41	AV	259.00	150	Vertical	Pass
1	1483.000	40.35	-14.20	74.0	-33.65	Peak	259.00	150	Vertical	Pass
2**	2813.500	37.25	-5.22	54.0	-16.75	AV	200.00	150	Vertical	Pass
2	2813.500	47.45	-5.22	74.0	-26.55	Peak	200.00	150	Vertical	Pass
3**	4218.000	44.65	2.65	54.0	-9.35	AV	321.00	150	Vertical	Pass
3	4218.000	54.32	2.65	74.0	-19.68	Peak	321.00	150	Vertical	Pass
4**	5225.000	100.75	8.57	--	100.75	AV	192.00	150	Vertical	N/A
4	5225.000	108.26	8.57	--	-83.74	Peak	192.00	150	Vertical	N/A
5**	8331.125	37.38	-1.46	54.0	-16.62	AV	288.00	150	Vertical	Pass
5	8331.125	48.42	-1.46	74.0	-25.58	Peak	288.00	150	Vertical	Pass
6**	12557.375	41.30	1.78	54.0	-12.70	AV	47.00	150	Vertical	Pass
6	12557.375	51.03	1.78	74.0	-22.97	Peak	47.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1562.500	29.64	-13.98	54.0	-24.36	AV	202.00	150	Horizontal	Pass
1	1562.500	40.56	-13.98	74.0	-33.44	Peak	202.00	150	Horizontal	Pass
2**	2778.500	37.16	-5.65	54.0	-16.84	AV	123.00	150	Horizontal	Pass
2	2778.500	48.07	-5.65	74.0	-25.93	Peak	123.00	150	Horizontal	Pass
3**	3915.000	42.82	1.92	54.0	-11.18	AV	63.00	150	Horizontal	Pass
3	3915.000	52.53	1.92	74.0	-21.47	Peak	63.00	150	Horizontal	Pass
4**	5224.000	88.06	8.57	--	88.06	AV	281.00	150	Horizontal	N/A
4	5224.000	94.19	8.57	--	-186.81	Peak	281.00	150	Horizontal	N/A
5**	7485.875	37.91	-2.63	54.0	-16.09	AV	256.00	150	Horizontal	Pass
5	7485.875	48.10	-2.63	74.0	-25.90	Peak	256.00	150	Horizontal	Pass
6**	11315.375	39.44	0.84	54.0	-14.56	AV	155.00	150	Horizontal	Pass
6	11315.375	50.89	0.84	74.0	-23.11	Peak	155.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1352.500	29.16	-14.24	54.0	-24.84	AV	336.00	150	Vertical	Pass
1	1352.500	39.57	-14.24	74.0	-34.43	Peak	336.00	150	Vertical	Pass
2**	2225.000	34.69	-8.65	54.0	-19.31	AV	287.00	150	Vertical	Pass
2	2225.000	45.99	-8.65	74.0	-28.01	Peak	287.00	150	Vertical	Pass
3**	4219.000	44.15	2.54	54.0	-9.85	AV	217.00	150	Vertical	Pass
3	4219.000	53.81	2.54	74.0	-20.19	Peak	217.00	150	Vertical	Pass
4**	5204.000	97.30	8.57	--	97.30	AV	186.00	150	Vertical	N/A
4	5204.000	106.09	8.57	--	-79.91	Peak	186.00	150	Vertical	N/A
5**	7432.688	37.62	-2.67	54.0	-16.38	AV	308.00	150	Vertical	Pass
5	7432.688	48.64	-2.67	74.0	-25.36	Peak	308.00	150	Vertical	Pass
6**	11311.062	39.78	0.76	54.0	-14.22	AV	186.00	150	Vertical	Pass
6	11311.062	51.03	0.76	74.0	-22.97	Peak	186.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1366.500	29.31	-14.26	54.0	-24.69	AV	48.00	150	Horizontal	Pass
1	1366.500	39.86	-14.26	74.0	-34.14	Peak	48.00	150	Horizontal	Pass
2**	2814.500	37.25	-5.16	54.0	-16.75	AV	357.00	150	Horizontal	Pass
2	2814.500	47.70	-5.16	74.0	-26.30	Peak	357.00	150	Horizontal	Pass
3**	3911.000	42.72	1.65	54.0	-11.28	AV	167.00	150	Horizontal	Pass
3	3911.000	53.44	1.65	74.0	-20.56	Peak	167.00	150	Horizontal	Pass
4**	5212.000	82.36	8.58	--	82.36	AV	281.00	150	Horizontal	N/A
4	5212.000	90.61	8.58	--	-190.39	Peak	281.00	150	Horizontal	N/A
5**	7616.688	37.54	-2.64	54.0	-16.46	AV	44.00	150	Horizontal	Pass
5	7616.688	48.27	-2.64	74.0	-25.73	Peak	44.00	150	Horizontal	Pass
6**	11996.750	40.13	1.43	54.0	-13.87	AV	0.00	150	Horizontal	Pass
6	11996.750	50.63	1.43	74.0	-23.37	Peak	0.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1480.000	29.92	-14.15	54.0	-24.08	AV	246.00	150	Vertical	Pass
1	1480.000	40.22	-14.15	74.0	-33.78	Peak	246.00	150	Vertical	Pass
2**	2788.500	37.74	-5.11	54.0	-16.26	AV	345.00	150	Vertical	Pass
2	2788.500	47.38	-5.11	74.0	-26.62	Peak	345.00	150	Vertical	Pass
3**	4213.000	44.42	2.30	54.0	-9.58	AV	191.00	150	Vertical	Pass
3	4213.000	54.84	2.30	74.0	-19.16	Peak	191.00	150	Vertical	Pass
4**	5259.000	104.62	8.74	--	104.62	AV	186.00	150	Vertical	N/A
4	5259.000	111.80	8.74	--	-74.20	Peak	186.00	150	Vertical	N/A
5**	7497.375	37.81	-2.43	54.0	-16.19	AV	66.00	150	Vertical	Pass
5	7497.375	47.95	-2.43	74.0	-26.05	Peak	66.00	150	Vertical	Pass
6**	11909.063	40.25	1.92	54.0	-13.75	AV	296.00	150	Vertical	Pass
6	11909.063	51.42	1.92	74.0	-22.58	Peak	296.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1528.500	29.72	-14.11	54.0	-24.28	AV	298.00	150	Horizontal	Pass
1	1528.500	40.45	-14.11	74.0	-33.55	Peak	298.00	150	Horizontal	Pass
2**	2787.500	37.47	-5.09	54.0	-16.53	AV	0.00	150	Horizontal	Pass
2	2787.500	47.87	-5.09	74.0	-26.13	Peak	0.00	150	Horizontal	Pass
3**	4213.000	43.88	2.30	54.0	-10.12	AV	18.00	150	Horizontal	Pass
3	4213.000	54.25	2.30	74.0	-19.75	Peak	18.00	150	Horizontal	Pass
4**	5264.000	91.82	8.76	--	91.82	AV	271.00	150	Horizontal	N/A
4	5264.000	98.55	8.76	--	-172.45	Peak	271.00	150	Horizontal	N/A
5**	8257.812	38.04	-1.28	54.0	-15.96	AV	165.00	150	Horizontal	Pass
5	8257.812	48.46	-1.28	74.0	-25.54	Peak	165.00	150	Horizontal	Pass
6**	15525.937	43.84	2.39	54.0	-10.16	AV	342.00	150	Horizontal	Pass
6	15525.937	54.49	2.39	74.0	-19.51	Peak	342.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1328.500	29.73	-13.98	54.0	-24.27	AV	108.00	150	Vertical	Pass
1	1328.500	39.84	-13.98	74.0	-34.16	Peak	108.00	150	Vertical	Pass
2**	2782.500	37.22	-5.29	54.0	-16.78	AV	266.00	150	Vertical	Pass
2	2782.500	47.77	-5.29	74.0	-26.23	Peak	266.00	150	Vertical	Pass
3**	4212.000	44.08	2.16	54.0	-9.92	AV	16.00	150	Vertical	Pass
3	4212.000	53.72	2.16	74.0	-20.28	Peak	16.00	150	Vertical	Pass
4**	5303.000	103.97	8.97	--	103.97	AV	288.00	150	Vertical	N/A
4	5303.000	111.18	8.97	--	-176.82	Peak	288.00	150	Vertical	N/A
5**	7428.375	37.65	-2.50	54.0	-16.35	AV	16.00	150	Vertical	Pass
5	7428.375	47.77	-2.50	74.0	-26.23	Peak	16.00	150	Vertical	Pass
6**	11853.000	39.57	1.50	54.0	-14.43	AV	326.00	150	Vertical	Pass
6	11853.000	51.42	1.50	74.0	-22.58	Peak	326.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1517.500	29.77	-14.03	54.0	-24.23	AV	354.00	150	Horizontal	Pass
1	1517.500	40.40	-14.03	74.0	-33.60	Peak	354.00	150	Horizontal	Pass
2**	2781.000	37.23	-5.39	54.0	-16.77	AV	221.00	150	Horizontal	Pass
2	2781.000	47.47	-5.39	74.0	-26.53	Peak	221.00	150	Horizontal	Pass
3**	4211.000	43.64	2.03	54.0	-10.36	AV	16.00	150	Horizontal	Pass
3	4211.000	53.54	2.03	74.0	-20.46	Peak	16.00	150	Horizontal	Pass
4**	5296.000	91.72	9.00	--	91.72	AV	92.00	150	Horizontal	N/A
4	5296.000	98.99	9.00	--	6.99	Peak	92.00	150	Horizontal	N/A
5**	7419.750	38.25	-2.45	54.0	-15.75	AV	227.00	150	Horizontal	Pass
5	7419.750	48.67	-2.45	74.0	-25.33	Peak	227.00	150	Horizontal	Pass
6**	11950.750	40.76	1.49	54.0	-13.24	AV	0.00	150	Horizontal	Pass
6	11950.750	51.75	1.49	74.0	-22.25	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1348.500	30.08	-14.06	54.0	-23.92	AV	91.00	150	Vertical	Pass
1	1348.500	39.93	-14.06	74.0	-34.07	Peak	91.00	150	Vertical	Pass
2**	2780.500	37.26	-5.42	54.0	-16.74	AV	1.00	150	Vertical	Pass
2	2780.500	47.78	-5.42	74.0	-26.22	Peak	1.00	150	Vertical	Pass
3**	4220.000	43.66	2.40	54.0	-10.34	AV	57.00	150	Vertical	Pass
3	4220.000	53.65	2.40	74.0	-20.35	Peak	57.00	150	Vertical	Pass
4**	5323.000	105.08	9.19	--	105.08	AV	290.00	150	Vertical	N/A
4	5323.000	112.82	9.19	--	-177.18	Peak	290.00	150	Vertical	N/A
5**	8119.813	37.72	-1.84	54.0	-16.28	AV	213.00	150	Vertical	Pass
5	8119.813	49.21	-1.84	74.0	-24.79	Peak	213.00	150	Vertical	Pass
6**	15956.437	45.08	0.78	54.0	-8.92	AV	195.00	150	Vertical	Pass
6	15956.437	54.86	0.78	74.0	-19.14	Peak	195.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1529.500	29.46	-14.09	54.0	-24.54	AV	39.00	150	Horizontal	Pass
1	1529.500	40.28	-14.09	74.0	-33.72	Peak	39.00	150	Horizontal	Pass
2**	2784.500	38.01	-5.12	54.0	-15.99	AV	5.00	150	Horizontal	Pass
2	2784.500	47.64	-5.12	74.0	-26.36	Peak	5.00	150	Horizontal	Pass
3**	4213.000	44.30	2.30	54.0	-9.70	AV	22.00	150	Horizontal	Pass
3	4213.000	53.79	2.30	74.0	-20.21	Peak	22.00	150	Horizontal	Pass
4**	5324.000	91.44	9.20	--	91.44	AV	95.00	150	Horizontal	N/A
4	5324.000	97.95	9.20	--	2.95	Peak	95.00	150	Horizontal	N/A
5**	7567.813	37.28	-2.62	54.0	-16.72	AV	243.00	150	Horizontal	Pass
5	7567.813	48.35	-2.62	74.0	-25.65	Peak	243.00	150	Horizontal	Pass
6**	11899.000	40.66	2.24	54.0	-13.34	AV	3.00	150	Horizontal	Pass
6	11899.000	50.82	2.24	74.0	-23.18	Peak	3.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1541.000	29.40	-14.21	54.0	-24.60	AV	329.00	150	Vertical	Pass
1	1541.000	40.51	-14.21	74.0	-33.49	Peak	329.00	150	Vertical	Pass
2**	2790.000	37.47	-5.04	54.0	-16.53	AV	159.00	150	Vertical	Pass
2	2790.000	47.50	-5.04	74.0	-26.50	Peak	159.00	150	Vertical	Pass
3**	4213.000	43.71	2.30	54.0	-10.29	AV	360.00	150	Vertical	Pass
3	4213.000	54.20	2.30	74.0	-19.80	Peak	360.00	150	Vertical	Pass
4**	5262.000	104.10	8.75	--	104.10	AV	182.00	150	Vertical	N/A
4	5262.000	111.15	8.75	--	-70.85	Peak	182.00	150	Vertical	N/A
5**	7516.063	38.10	-1.97	54.0	-15.90	AV	77.00	150	Vertical	Pass
5	7516.063	48.21	-1.97	74.0	-25.79	Peak	77.00	150	Vertical	Pass
6**	15783.187	45.49	2.22	54.0	-8.51	AV	148.00	150	Vertical	Pass
6	15783.187	54.48	2.22	74.0	-19.52	Peak	148.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1510.500	29.69	-13.91	54.0	-24.31	AV	258.00	150	Horizontal	Pass
1	1510.500	40.54	-13.91	74.0	-33.46	Peak	258.00	150	Horizontal	Pass
2**	2805.000	36.04	-6.15	54.0	-17.96	AV	188.00	150	Horizontal	Pass
2	2805.000	47.48	-6.15	74.0	-26.52	Peak	188.00	150	Horizontal	Pass
3**	4218.000	44.23	2.65	54.0	-9.77	AV	7.00	150	Horizontal	Pass
3	4218.000	53.55	2.65	74.0	-20.45	Peak	7.00	150	Horizontal	Pass
4**	5256.000	90.04	8.71	--	90.04	AV	271.00	150	Horizontal	N/A
4	5256.000	98.52	8.71	--	-172.48	Peak	271.00	150	Horizontal	N/A
5**	7484.438	38.09	-2.67	54.0	-15.91	AV	360.00	150	Horizontal	Pass
5	7484.438	48.99	-2.67	74.0	-25.01	Peak	360.00	150	Horizontal	Pass
6**	15805.500	43.69	2.92	54.0	-10.31	AV	360.00	150	Horizontal	Pass
6	15805.500	54.41	2.92	74.0	-19.59	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1569.500	29.69	-14.12	54.0	-24.31	AV	0.00	150	Vertical	Pass
1	1569.500	40.56	-14.12	74.0	-33.44	Peak	0.00	150	Vertical	Pass
2**	2749.500	36.28	-6.23	54.0	-17.72	AV	244.00	150	Vertical	Pass
2	2749.500	47.60	-6.23	74.0	-26.40	Peak	244.00	150	Vertical	Pass
3**	4215.000	44.32	2.56	54.0	-9.68	AV	326.00	150	Vertical	Pass
3	4215.000	53.94	2.56	74.0	-20.06	Peak	326.00	150	Vertical	Pass
4**	5301.000	102.63	8.96	--	102.63	AV	280.00	150	Vertical	N/A
4	5301.000	110.41	8.96	--	-169.59	Peak	280.00	150	Vertical	N/A
5**	7506.000	37.70	-2.44	54.0	-16.30	AV	278.00	150	Vertical	Pass
5	7506.000	48.32	-2.44	74.0	-25.68	Peak	278.00	150	Vertical	Pass
6**	15890.813	44.20	1.03	54.0	-9.80	AV	258.00	150	Vertical	Pass
6	15890.813	54.89	1.03	74.0	-19.11	Peak	258.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1587.000	29.60	-13.93	54.0	-24.40	AV	131.00	150	Horizontal	Pass
1	1587.000	40.85	-13.93	74.0	-33.15	Peak	131.00	150	Horizontal	Pass
2**	2793.000	37.14	-5.06	54.0	-16.86	AV	268.00	150	Horizontal	Pass
2	2793.000	47.41	-5.06	74.0	-26.59	Peak	268.00	150	Horizontal	Pass
3**	4217.000	44.26	2.67	54.0	-9.74	AV	178.00	150	Horizontal	Pass
3	4217.000	54.06	2.67	74.0	-19.94	Peak	178.00	150	Horizontal	Pass
4**	5298.000	91.57	8.98	--	91.57	AV	91.00	150	Horizontal	N/A
4	5298.000	97.95	8.98	--	6.95	Peak	91.00	150	Horizontal	N/A
5**	7537.625	37.70	-1.81	54.0	-16.30	AV	281.00	150	Horizontal	Pass
5	7537.625	48.23	-1.81	74.0	-25.77	Peak	281.00	150	Horizontal	Pass
6**	12456.750	39.63	1.90	54.0	-14.37	AV	57.00	150	Horizontal	Pass
6	12456.750	50.90	1.90	74.0	-23.10	Peak	57.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1545.500	29.78	-13.87	54.0	-24.22	AV	0.00	150	Vertical	Pass
1	1545.500	40.19	-13.87	74.0	-33.81	Peak	0.00	150	Vertical	Pass
2**	2787.000	37.89	-5.07	54.0	-16.11	AV	111.00	150	Vertical	Pass
2	2787.000	47.12	-5.07	74.0	-26.88	Peak	111.00	150	Vertical	Pass
3**	4165.000	42.76	1.39	54.0	-11.24	AV	303.00	150	Vertical	Pass
3	4165.000	53.71	1.39	74.0	-20.29	Peak	303.00	150	Vertical	Pass
4**	5324.000	104.84	9.20	--	104.84	AV	182.00	150	Vertical	N/A
4	5324.000	111.81	9.20	--	-70.19	Peak	182.00	150	Vertical	N/A
5**	7504.563	37.68	-2.35	54.0	-16.32	AV	360.00	150	Vertical	Pass
5	7504.563	48.26	-2.35	74.0	-25.74	Peak	360.00	150	Vertical	Pass
6**	15965.625	45.86	1.05	54.0	-8.14	AV	254.00	150	Vertical	Pass
6	15965.625	54.79	1.05	74.0	-19.21	Peak	254.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1568.500	29.46	-14.04	54.0	-24.54	AV	69.00	150	Horizontal	Pass
1	1568.500	40.34	-14.04	74.0	-33.66	Peak	69.00	150	Horizontal	Pass
2**	2752.000	36.57	-6.07	54.0	-17.43	AV	243.00	150	Horizontal	Pass
2	2752.000	47.69	-6.07	74.0	-26.31	Peak	243.00	150	Horizontal	Pass
3**	4212.000	43.74	2.16	54.0	-10.26	AV	93.00	150	Horizontal	Pass
3	4212.000	53.25	2.16	74.0	-20.75	Peak	93.00	150	Horizontal	Pass
4**	5322.000	91.26	9.17	--	91.26	AV	93.00	150	Horizontal	N/A
4	5322.000	97.99	9.17	--	4.99	Peak	93.00	150	Horizontal	N/A
5**	7437.000	37.70	-2.53	54.0	-16.30	AV	305.00	150	Horizontal	Pass
5	7437.000	48.77	-2.53	74.0	-25.23	Peak	305.00	150	Horizontal	Pass
6**	12314.438	40.41	1.71	54.0	-13.59	AV	179.00	150	Horizontal	Pass
6	12314.438	50.88	1.71	74.0	-23.12	Peak	179.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1535.000	29.63	-14.13	54.0	-24.37	AV	238.00	150	Vertical	Pass
1	1535.000	40.74	-14.13	74.0	-33.26	Peak	238.00	150	Vertical	Pass
2**	2792.000	37.52	-5.06	54.0	-16.48	AV	296.00	150	Vertical	Pass
2	2792.000	47.42	-5.06	74.0	-26.58	Peak	296.00	150	Vertical	Pass
3**	4213.000	44.61	2.30	54.0	-9.39	AV	64.00	150	Vertical	Pass
3	4213.000	53.62	2.30	74.0	-20.38	Peak	64.00	150	Vertical	Pass
4**	5267.000	101.76	8.77	--	101.76	AV	185.00	150	Vertical	N/A
4	5267.000	108.93	8.77	--	-76.07	Peak	185.00	150	Vertical	N/A
5**	7495.938	37.98	-2.54	54.0	-16.02	AV	349.00	150	Vertical	Pass
5	7495.938	48.29	-2.54	74.0	-25.71	Peak	349.00	150	Vertical	Pass
6**	15789.750	44.33	2.62	54.0	-9.67	AV	343.00	150	Vertical	Pass
6	15789.750	53.79	2.62	74.0	-20.21	Peak	343.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1545.500	30.24	-13.87	54.0	-23.76	AV	173.00	150	Horizontal	Pass
1	1545.500	39.99	-13.87	74.0	-34.01	Peak	173.00	150	Horizontal	Pass
2**	2835.500	36.35	-5.73	54.0	-17.65	AV	41.00	150	Horizontal	Pass
2	2835.500	47.06	-5.73	74.0	-26.94	Peak	41.00	150	Horizontal	Pass
3**	4208.000	43.18	1.68	54.0	-10.82	AV	147.00	150	Horizontal	Pass
3	4208.000	53.57	1.68	74.0	-20.43	Peak	147.00	150	Horizontal	Pass
4**	5276.000	88.01	8.88	--	88.01	AV	274.00	150	Horizontal	N/A
4	5276.000	95.48	8.88	--	-178.52	Peak	274.00	150	Horizontal	N/A
5**	7431.250	37.84	-2.47	54.0	-16.16	AV	176.00	150	Horizontal	Pass
5	7431.250	47.77	-2.47	74.0	-26.23	Peak	176.00	150	Horizontal	Pass
6**	11610.063	39.87	0.35	54.0	-14.13	AV	176.00	150	Horizontal	Pass
6	11610.063	50.73	0.35	74.0	-23.27	Peak	176.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1579.000	29.47	-14.04	54.0	-24.53	AV	258.00	150	Vertical	Pass
1	1579.000	40.01	-14.04	74.0	-33.99	Peak	258.00	150	Vertical	Pass
2**	2779.500	37.06	-5.49	54.0	-16.94	AV	283.00	150	Vertical	Pass
2	2779.500	47.91	-5.49	74.0	-26.09	Peak	283.00	150	Vertical	Pass
3**	3913.000	43.60	1.90	54.0	-10.40	AV	349.00	150	Vertical	Pass
3	3913.000	52.90	1.90	74.0	-21.10	Peak	349.00	150	Vertical	Pass
4**	5319.000	101.64	9.14	--	101.64	AV	279.00	150	Vertical	N/A
4	5319.000	108.98	9.14	--	-170.02	Peak	279.00	150	Vertical	N/A
5**	8227.625	37.98	-1.48	54.0	-16.02	AV	59.00	150	Vertical	Pass
5	8227.625	48.66	-1.48	74.0	-25.34	Peak	59.00	150	Vertical	Pass
6**	12021.188	39.60	1.16	54.0	-14.40	AV	0.00	150	Vertical	Pass
6	12021.188	51.28	1.16	74.0	-22.72	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1479.000	29.91	-14.12	54.0	-24.09	AV	84.00	150	Horizontal	Pass
1	1479.000	39.49	-14.12	74.0	-34.51	Peak	84.00	150	Horizontal	Pass
2**	2790.500	37.13	-5.04	54.0	-16.87	AV	0.00	150	Horizontal	Pass
2	2790.500	47.06	-5.04	74.0	-26.94	Peak	0.00	150	Horizontal	Pass
3**	4215.000	44.12	2.56	54.0	-9.88	AV	92.00	150	Horizontal	Pass
3	4215.000	53.43	2.56	74.0	-20.57	Peak	92.00	150	Horizontal	Pass
4**	5301.000	88.14	8.96	--	88.14	AV	92.00	150	Horizontal	N/A
4	5301.000	95.09	8.96	--	3.09	Peak	92.00	150	Horizontal	N/A
5**	7531.875	37.95	-1.69	54.0	-16.05	AV	140.00	150	Horizontal	Pass
5	7531.875	48.41	-1.69	74.0	-25.59	Peak	140.00	150	Horizontal	Pass
6**	10849.625	40.06	0.88	54.0	-13.94	AV	39.00	150	Horizontal	Pass
6	10849.625	50.44	0.88	74.0	-23.56	Peak	39.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1599.000	29.38	-13.96	54.0	-24.62	AV	79.00	150	Vertical	Pass
1	1599.000	40.70	-13.96	74.0	-33.30	Peak	79.00	150	Vertical	Pass
2**	2787.000	37.40	-5.07	54.0	-16.60	AV	199.00	150	Vertical	Pass
2	2787.000	47.70	-5.07	74.0	-26.30	Peak	199.00	150	Vertical	Pass
3**	4203.000	42.93	1.39	54.0	-11.07	AV	244.00	150	Vertical	Pass
3	4203.000	53.58	1.39	74.0	-20.42	Peak	244.00	150	Vertical	Pass
4**	5255.000	102.04	8.70	--	102.04	AV	178.00	150	Vertical	N/A
4	5255.000	111.06	8.70	--	-66.94	Peak	178.00	150	Vertical	N/A
5**	7625.312	37.19	-2.89	54.0	-16.81	AV	252.00	150	Vertical	Pass
5	7625.312	48.18	-2.89	74.0	-25.82	Peak	252.00	150	Vertical	Pass
6**	15793.688	45.25	2.81	54.0	-8.75	AV	316.00	150	Vertical	Pass
6	15793.688	54.48	2.81	74.0	-19.52	Peak	316.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1494.500	29.06	-14.37	54.0	-24.94	AV	358.00	150	Horizontal	Pass
1	1494.500	40.46	-14.37	74.0	-33.54	Peak	358.00	150	Horizontal	Pass
2**	2799.500	36.31	-5.36	54.0	-17.69	AV	330.00	150	Horizontal	Pass
2	2799.500	47.66	-5.36	74.0	-26.34	Peak	330.00	150	Horizontal	Pass
3**	4219.000	44.15	2.54	54.0	-9.85	AV	343.00	150	Horizontal	Pass
3	4219.000	53.48	2.54	74.0	-20.52	Peak	343.00	150	Horizontal	Pass
4**	5264.000	91.63	8.76	--	91.63	AV	269.00	150	Horizontal	N/A
4	5264.000	98.35	8.76	--	-170.65	Peak	269.00	150	Horizontal	N/A
5**	8224.750	38.07	-1.36	54.0	-15.93	AV	156.00	150	Horizontal	Pass
5	8224.750	47.90	-1.36	74.0	-26.10	Peak	156.00	150	Horizontal	Pass
6**	15609.938	43.58	2.05	54.0	-10.42	AV	326.00	150	Horizontal	Pass
6	15609.938	54.04	2.05	74.0	-19.96	Peak	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1528.000	29.98	-14.12	54.0	-24.02	AV	43.00	150	Vertical	Pass
1	1528.000	40.19	-14.12	74.0	-33.81	Peak	43.00	150	Vertical	Pass
2**	2797.500	36.74	-5.25	54.0	-17.26	AV	209.00	150	Vertical	Pass
2	2797.500	47.35	-5.25	74.0	-26.65	Peak	209.00	150	Vertical	Pass
3**	4212.000	43.96	2.16	54.0	-10.04	AV	87.00	150	Vertical	Pass
3	4212.000	54.11	2.16	74.0	-19.89	Peak	87.00	150	Vertical	Pass
4**	5296.000	103.20	9.00	--	103.20	AV	276.00	150	Vertical	N/A
4	5296.000	110.40	9.00	--	-165.60	Peak	276.00	150	Vertical	N/A
5**	8266.438	37.92	-1.48	54.0	-16.08	AV	306.00	150	Vertical	Pass
5	8266.438	48.82	-1.48	74.0	-25.18	Peak	306.00	150	Vertical	Pass
6**	15898.687	45.25	1.06	54.0	-8.75	AV	262.00	150	Vertical	Pass
6	15898.687	54.41	1.06	74.0	-19.59	Peak	262.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1600.000	29.59	-14.06	54.0	-24.41	AV	207.00	150	Horizontal	Pass
1	1600.000	41.10	-14.06	74.0	-32.90	Peak	207.00	150	Horizontal	Pass
2**	2782.000	37.39	-5.34	54.0	-16.61	AV	91.00	150	Horizontal	Pass
2	2782.000	47.58	-5.34	74.0	-26.42	Peak	91.00	150	Horizontal	Pass
3**	4215.000	44.34	2.56	54.0	-9.66	AV	307.00	150	Horizontal	Pass
3	4215.000	53.76	2.56	74.0	-20.24	Peak	307.00	150	Horizontal	Pass
4**	5298.000	91.37	8.98	--	91.37	AV	85.00	150	Horizontal	N/A
4	5298.000	97.61	8.98	--	12.61	Peak	85.00	150	Horizontal	N/A
5**	7487.312	37.70	-2.71	54.0	-16.30	AV	263.00	150	Horizontal	Pass
5	7487.312	48.19	-2.71	74.0	-25.81	Peak	263.00	150	Horizontal	Pass
6**	11986.688	40.36	1.26	54.0	-13.64	AV	0.00	150	Horizontal	Pass
6	11986.688	51.17	1.26	74.0	-22.83	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1516.500	29.59	-14.03	54.0	-24.41	AV	55.00	150	Vertical	Pass
1	1516.500	39.84	-14.03	74.0	-34.16	Peak	55.00	150	Vertical	Pass
2**	2790.000	37.56	-5.04	54.0	-16.44	AV	277.00	150	Vertical	Pass
2	2790.000	47.20	-5.04	74.0	-26.80	Peak	277.00	150	Vertical	Pass
3**	3912.000	43.24	1.80	54.0	-10.76	AV	236.00	150	Vertical	Pass
3	3912.000	53.33	1.80	74.0	-20.67	Peak	236.00	150	Vertical	Pass
4**	5323.000	104.74	9.19	--	104.74	AV	274.00	150	Vertical	N/A
4	5323.000	111.68	9.19	--	-162.32	Peak	274.00	150	Vertical	N/A
5**	7539.062	38.06	-1.68	54.0	-15.94	AV	136.00	150	Vertical	Pass
5	7539.062	48.06	-1.68	74.0	-25.94	Peak	136.00	150	Vertical	Pass
6**	15966.937	45.52	1.12	54.0	-8.48	AV	154.00	150	Vertical	Pass
6	15966.937	55.77	1.12	74.0	-18.23	Peak	154.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1552.500	29.86	-13.80	54.0	-24.14	AV	145.00	150	Horizontal	Pass
1	1552.500	40.13	-13.80	74.0	-33.87	Peak	145.00	150	Horizontal	Pass
2**	2776.000	36.86	-5.71	54.0	-17.14	AV	124.00	150	Horizontal	Pass
2	2776.000	48.27	-5.71	74.0	-25.73	Peak	124.00	150	Horizontal	Pass
3**	4218.000	44.66	2.65	54.0	-9.34	AV	149.00	150	Horizontal	Pass
3	4218.000	53.47	2.65	74.0	-20.53	Peak	149.00	150	Horizontal	Pass
4**	5317.000	91.09	9.13	--	91.09	AV	280.00	150	Horizontal	N/A
4	5317.000	98.17	9.13	--	-181.83	Peak	280.00	150	Horizontal	N/A
5**	8095.375	38.31	-1.86	54.0	-15.69	AV	0.00	150	Horizontal	Pass
5	8095.375	48.58	-1.86	74.0	-25.42	Peak	0.00	150	Horizontal	Pass
6**	15619.125	43.90	2.58	54.0	-10.10	AV	215.00	150	Horizontal	Pass
6	15619.125	53.61	2.58	74.0	-20.39	Peak	215.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1553.000	29.60	-13.82	54.0	-24.40	AV	270.00	150	Vertical	Pass
1	1553.000	40.16	-13.82	74.0	-33.84	Peak	270.00	150	Vertical	Pass
2**	2852.000	36.76	-5.52	54.0	-17.24	AV	8.00	150	Vertical	Pass
2	2852.000	47.31	-5.52	74.0	-26.69	Peak	8.00	150	Vertical	Pass
3**	4215.000	44.79	2.56	54.0	-9.21	AV	137.00	150	Vertical	Pass
3	4215.000	54.00	2.56	74.0	-20.00	Peak	137.00	150	Vertical	Pass
4**	5278.000	101.02	8.90	--	101.02	AV	275.00	150	Vertical	N/A
4	5278.000	108.61	8.90	--	-166.39	Peak	275.00	150	Vertical	N/A
5**	7533.313	38.35	-1.65	54.0	-15.65	AV	80.00	150	Vertical	Pass
5	7533.313	48.61	-1.65	74.0	-25.39	Peak	80.00	150	Vertical	Pass
6**	15798.938	44.93	3.06	54.0	-9.07	AV	360.00	150	Vertical	Pass
6	15798.938	53.72	3.06	74.0	-20.28	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1497.000	29.52	-14.28	54.0	-24.48	AV	190.00	150	Horizontal	Pass
1	1497.000	39.92	-14.28	74.0	-34.08	Peak	190.00	150	Horizontal	Pass
2**	2791.500	37.40	-5.06	54.0	-16.60	AV	319.00	150	Horizontal	Pass
2	2791.500	47.48	-5.06	74.0	-26.52	Peak	319.00	150	Horizontal	Pass
3**	3915.000	43.20	1.92	54.0	-10.80	AV	18.00	150	Horizontal	Pass
3	3915.000	52.75	1.92	74.0	-21.25	Peak	18.00	150	Horizontal	Pass
4**	5260.000	88.91	8.75	--	88.91	AV	272.00	150	Horizontal	N/A
4	5260.000	95.72	8.75	--	-176.28	Peak	272.00	150	Horizontal	N/A
5**	7438.437	37.50	-2.63	54.0	-16.50	AV	290.00	150	Horizontal	Pass
5	7438.437	48.27	-2.63	74.0	-25.73	Peak	290.00	150	Horizontal	Pass
6**	11903.313	40.45	2.11	54.0	-13.55	AV	179.00	150	Horizontal	Pass
6	11903.313	50.68	2.11	74.0	-23.32	Peak	179.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1565.000	30.02	-13.74	54.0	-23.98	AV	183.00	150	Vertical	Pass
1	1565.000	40.22	-13.74	74.0	-33.78	Peak	183.00	150	Vertical	Pass
2**	2790.000	37.64	-5.04	54.0	-16.36	AV	0.00	150	Vertical	Pass
2	2790.000	47.53	-5.04	74.0	-26.47	Peak	0.00	150	Vertical	Pass
3**	4216.000	44.18	2.68	54.0	-9.82	AV	108.00	150	Vertical	Pass
3	4216.000	53.30	2.68	74.0	-20.70	Peak	108.00	150	Vertical	Pass
4**	5321.000	102.20	9.16	--	102.20	AV	176.00	150	Vertical	N/A
4	5321.000	109.15	9.16	--	-66.85	Peak	176.00	150	Vertical	N/A
5**	7529.000	37.62	-1.88	54.0	-16.38	AV	310.00	150	Vertical	Pass
5	7529.000	48.11	-1.88	74.0	-25.89	Peak	310.00	150	Vertical	Pass
6**	12058.563	39.86	1.31	54.0	-14.14	AV	87.00	150	Vertical	Pass
6	12058.563	50.92	1.31	74.0	-23.08	Peak	87.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1499.500	29.51	-14.23	54.0	-24.49	AV	84.00	150	Horizontal	Pass
1	1499.500	39.92	-14.23	74.0	-34.08	Peak	84.00	150	Horizontal	Pass
2**	2784.000	37.80	-5.15	54.0	-16.20	AV	22.00	150	Horizontal	Pass
2	2784.000	47.40	-5.15	74.0	-26.60	Peak	22.00	150	Horizontal	Pass
3**	4217.000	44.51	2.67	54.0	-9.49	AV	50.00	150	Horizontal	Pass
3	4217.000	53.75	2.67	74.0	-20.25	Peak	50.00	150	Horizontal	Pass
4**	5317.000	87.82	9.13	--	87.82	AV	273.00	150	Horizontal	N/A
4	5317.000	95.02	9.13	--	-177.98	Peak	273.00	150	Horizontal	N/A
5**	8089.625	37.99	-1.79	54.0	-16.01	AV	167.00	150	Horizontal	Pass
5	8089.625	48.24	-1.79	74.0	-25.76	Peak	167.00	150	Horizontal	Pass
6**	12067.188	40.05	1.15	54.0	-13.95	AV	267.00	150	Horizontal	Pass
6	12067.188	51.14	1.15	74.0	-22.86	Peak	267.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1563.500	29.87	-13.74	54.0	-24.13	AV	110.00	150	Vertical	Pass
1	1563.500	39.75	-13.74	74.0	-34.25	Peak	110.00	150	Vertical	Pass
2**	2781.500	37.63	-5.37	54.0	-16.37	AV	360.00	150	Vertical	Pass
2	2781.500	47.13	-5.37	74.0	-26.87	Peak	360.00	150	Vertical	Pass
3**	3909.000	42.62	1.29	54.0	-11.38	AV	360.00	150	Vertical	Pass
3	3909.000	52.87	1.29	74.0	-21.13	Peak	360.00	150	Vertical	Pass
4**	5266.000	98.79	8.77	--	98.79	AV	181.00	150	Vertical	N/A
4	5266.000	105.99	8.77	--	-75.01	Peak	181.00	150	Vertical	N/A
5**	8102.562	38.65	-1.68	54.0	-15.35	AV	25.00	150	Vertical	Pass
5	8102.562	49.30	-1.68	74.0	-24.70	Peak	25.00	150	Vertical	Pass
6**	11825.688	40.11	1.32	54.0	-13.89	AV	200.00	150	Vertical	Pass
6	11825.688	50.75	1.32	74.0	-23.25	Peak	200.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1550.000	30.07	-14.05	54.0	-23.93	AV	10.00	150	Horizontal	Pass
1	1550.000	39.81	-14.05	74.0	-34.19	Peak	10.00	150	Horizontal	Pass
2**	2783.000	36.93	-5.24	54.0	-17.07	AV	0.00	150	Horizontal	Pass
2	2783.000	47.15	-5.24	74.0	-26.85	Peak	0.00	150	Horizontal	Pass
3**	4223.000	43.32	2.00	54.0	-10.68	AV	35.00	150	Horizontal	Pass
3	4223.000	54.28	2.00	74.0	-19.72	Peak	35.00	150	Horizontal	Pass
4**	5278.000	85.99	8.90	--	85.99	AV	272.00	150	Horizontal	N/A
4	5278.000	92.93	8.90	--	-179.07	Peak	272.00	150	Horizontal	N/A
5**	7497.375	37.68	-2.43	54.0	-16.32	AV	226.00	150	Horizontal	Pass
5	7497.375	48.55	-2.43	74.0	-25.45	Peak	226.00	150	Horizontal	Pass
6**	15519.375	44.12	2.51	54.0	-9.88	AV	141.00	150	Horizontal	Pass
6	15519.375	53.81	2.51	74.0	-20.19	Peak	141.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1522.500	26.33	-17.43	54.0	-27.67	AV	99.00	150	Vertical	Pass
1	1522.500	36.71	-17.43	74.0	-37.29	Peak	99.00	150	Vertical	Pass
2**	2782.500	31.70	-10.35	54.0	-22.30	AV	72.00	150	Vertical	Pass
2	2782.500	42.89	-10.35	74.0	-31.11	Peak	72.00	150	Vertical	Pass
3**	4000.000	36.90	-4.02	54.0	-17.10	AV	103.00	150	Vertical	Pass
3	4000.000	47.28	-4.02	74.0	-26.72	Peak	103.00	150	Vertical	Pass
4**	5495.000	95.33	-2.17	--	95.33	AV	160.00	150	Vertical	N/A
4	5495.000	103.87	-2.17	--	-56.13	Peak	160.00	150	Vertical	N/A
5**	7547.687	38.24	-1.43	54.0	-15.76	AV	216.00	150	Vertical	Pass
5	7547.687	47.93	-1.43	74.0	-26.07	Peak	216.00	150	Vertical	Pass
6**	15523.313	44.13	2.48	54.0	-9.87	AV	40.00	150	Vertical	Pass
6	15523.313	54.27	2.48	74.0	-19.73	Peak	40.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1530.500	26.21	-17.66	54.0	-27.79	AV	182.00	150	Horizontal	Pass
1	1530.500	36.49	-17.66	74.0	-37.51	Peak	182.00	150	Horizontal	Pass
2**	2824.000	31.91	-9.88	54.0	-22.09	AV	336.00	150	Horizontal	Pass
2	2824.000	43.15	-9.88	74.0	-30.85	Peak	336.00	150	Horizontal	Pass
3**	3995.000	36.97	-4.00	54.0	-17.03	AV	135.00	150	Horizontal	Pass
3	3995.000	48.45	-4.00	74.0	-25.55	Peak	135.00	150	Horizontal	Pass
4**	5496.000	82.85	-2.21	--	82.85	AV	259.00	150	Horizontal	N/A
4	5496.000	90.11	-2.21	--	-168.89	Peak	259.00	150	Horizontal	N/A
5**	7556.313	37.61	-2.13	54.0	-16.39	AV	359.00	150	Horizontal	Pass
5	7556.313	48.33	-2.13	74.0	-25.67	Peak	359.00	150	Horizontal	Pass
6**	15623.063	43.71	2.59	54.0	-10.29	AV	315.00	150	Horizontal	Pass
6	15623.063	53.48	2.59	74.0	-20.52	Peak	315.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1526.000	26.53	-17.11	54.0	-27.47	AV	360.00	150	Vertical	Pass
1	1526.000	37.63	-17.11	74.0	-36.37	Peak	360.00	150	Vertical	Pass
2**	1998.000	29.10	-15.64	--	29.10	AV	272.00	150	Vertical	Pass
2	1998.000	43.15	-15.64	68.2	-25.05	Peak	272.00	150	Vertical	Pass
3**	3982.000	37.47	-4.27	54.0	-16.53	AV	346.00	150	Vertical	Pass
3	3982.000	47.76	-4.27	74.0	-26.24	Peak	346.00	150	Vertical	Pass
4**	5576.000	96.58	-2.30	--	96.58	AV	304.00	150	Vertical	N/A
4	5576.000	103.45	-2.30	--	-200.55	Peak	304.00	150	Vertical	N/A
5**	7513.187	37.58	-2.23	54.0	-16.42	AV	31.00	150	Vertical	Pass
5	7513.187	48.59	-2.23	74.0	-25.41	Peak	31.00	150	Vertical	Pass
6**	12067.188	40.32	1.15	54.0	-13.68	AV	139.00	150	Vertical	Pass
6	12067.188	51.22	1.15	74.0	-22.78	Peak	139.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1179.500	25.38	-17.92	54.0	-28.62	AV	279.00	150	Horizontal	Pass
1	1179.500	36.64	-17.92	74.0	-37.36	Peak	279.00	150	Horizontal	Pass
2**	2220.500	30.59	-12.60	54.0	-23.41	AV	335.00	150	Horizontal	Pass
2	2220.500	41.90	-12.60	74.0	-32.10	Peak	335.00	150	Horizontal	Pass
3**	3674.000	36.44	-5.28	54.0	-17.56	AV	171.00	150	Horizontal	Pass
3	3674.000	45.91	-5.28	74.0	-28.09	Peak	171.00	150	Horizontal	Pass
4**	5575.000	83.18	-2.49	--	83.18	AV	78.00	150	Horizontal	N/A
4	5575.000	91.30	-2.49	--	13.30	Peak	78.00	150	Horizontal	N/A
5**	12190.812	40.00	1.03	54.0	-14.00	AV	157.00	150	Horizontal	Pass
5	12190.812	51.32	1.03	74.0	-22.68	Peak	157.00	150	Horizontal	Pass
6**	16138.875	43.93	1.75	54.0	-10.07	AV	211.00	150	Horizontal	Pass
6	16138.875	54.73	1.75	74.0	-19.27	Peak	211.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1509.000	26.27	-17.28	54.0	-27.73	AV	12.00	150	Vertical	Pass
1	1509.000	36.98	-17.28	74.0	-37.02	Peak	12.00	150	Vertical	Pass
2**	3991.000	37.15	-3.95	54.0	-16.85	AV	140.00	150	Vertical	Pass
2	3991.000	47.67	-3.95	74.0	-26.33	Peak	140.00	150	Vertical	Pass
3**	4885.000	39.39	-2.77	54.0	-14.61	AV	298.00	150	Vertical	Pass
3	4885.000	50.37	-2.77	74.0	-23.63	Peak	298.00	150	Vertical	Pass
4**	5696.000	97.56	-1.68	--	97.56	AV	298.00	150	Vertical	N/A
4	5696.000	104.99	-1.68	--	-193.01	Peak	298.00	150	Vertical	N/A
5**	7503.125	38.21	-2.26	54.0	-15.79	AV	206.00	150	Vertical	Pass
5	7503.125	48.22	-2.26	74.0	-25.78	Peak	206.00	150	Vertical	Pass
6**	15846.187	43.09	1.92	54.0	-10.91	AV	1.00	150	Vertical	Pass
6	15846.187	54.31	1.92	74.0	-19.69	Peak	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1532.500	26.03	-17.59	54.0	-27.97	AV	280.00	150	Horizontal	Pass
1	1532.500	36.50	-17.59	74.0	-37.50	Peak	280.00	150	Horizontal	Pass
2**	2746.500	31.94	-10.61	54.0	-22.06	AV	82.00	150	Horizontal	Pass
2	2746.500	42.27	-10.61	74.0	-31.73	Peak	82.00	150	Horizontal	Pass
3**	3988.000	37.19	-3.91	54.0	-16.81	AV	0.00	150	Horizontal	Pass
3	3988.000	46.89	-3.91	74.0	-27.11	Peak	0.00	150	Horizontal	Pass
4**	5701.000	84.42	-1.76	--	84.42	AV	38.00	150	Horizontal	N/A
4	5701.000	93.10	-1.76	--	55.10	Peak	38.00	150	Horizontal	N/A
5**	7541.938	38.00	-1.40	54.0	-16.00	AV	52.00	150	Horizontal	Pass
5	7541.938	48.27	-1.40	74.0	-25.73	Peak	52.00	150	Horizontal	Pass
6**	11453.375	39.60	0.26	54.0	-14.40	AV	205.00	150	Horizontal	Pass
6	11453.375	50.85	0.26	74.0	-23.15	Peak	205.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11a ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1570.000	25.92	-17.60	54.0	-28.08	AV	360.00	150	Vertical	Pass
1	1570.000	36.46	-17.60	74.0	-37.54	Peak	360.00	150	Vertical	Pass
2**	3996.000	36.87	-4.08	54.0	-17.13	AV	325.00	150	Vertical	Pass
2	3996.000	47.95	-4.08	74.0	-26.05	Peak	325.00	150	Vertical	Pass
3**	4903.000	40.32	-3.17	54.0	-13.68	AV	288.00	150	Vertical	Pass
3	4903.000	50.44	-3.17	74.0	-23.56	Peak	288.00	150	Vertical	Pass
4**	5724.000	96.12	-2.17	--	96.12	AV	175.00	150	Vertical	N/A
4	5724.000	103.89	-2.17	--	-71.11	Peak	175.00	150	Vertical	N/A
5**	8272.187	37.56	-1.44	54.0	-16.44	AV	360.00	150	Vertical	Pass
5	8272.187	48.33	-1.44	74.0	-25.67	Peak	360.00	150	Vertical	Pass
6**	11989.562	40.24	1.34	54.0	-13.76	AV	0.00	150	Vertical	Pass
6	11989.562	51.63	1.34	74.0	-22.37	Peak	0.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11a ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1493.500	26.70	-17.28	54.0	-27.30	AV	23.00	150	Horizontal	Pass
1	1493.500	36.98	-17.28	74.0	-37.02	Peak	23.00	150	Horizontal	Pass
2**	2836.000	32.50	-9.91	54.0	-21.50	AV	98.00	150	Horizontal	Pass
2	2836.000	43.33	-9.91	74.0	-30.67	Peak	98.00	150	Horizontal	Pass
3**	3989.000	37.70	-3.88	54.0	-16.30	AV	189.00	150	Horizontal	Pass
3	3989.000	47.30	-3.88	74.0	-26.70	Peak	189.00	150	Horizontal	Pass
4**	5725.000	84.67	-2.07	--	84.67	AV	360.00	150	Horizontal	N/A
4	5725.000	92.25	-2.07	--	-267.75	Peak	360.00	150	Horizontal	N/A
5**	7529.000	37.71	-1.88	54.0	-16.29	AV	133.00	150	Horizontal	Pass
5	7529.000	48.40	-1.88	74.0	-25.60	Peak	133.00	150	Horizontal	Pass
6**	11824.250	39.86	1.29	54.0	-14.14	AV	133.00	150	Horizontal	Pass
6	11824.250	51.27	1.29	74.0	-22.73	Peak	133.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1491.500	26.12	-17.27	54.0	-27.88	AV	191.00	150	Vertical	Pass
1	1491.500	36.96	-17.27	74.0	-37.04	Peak	191.00	150	Vertical	Pass
2**	2762.500	32.07	-10.40	54.0	-21.93	AV	52.00	150	Vertical	Pass
2	2762.500	42.85	-10.40	74.0	-31.15	Peak	52.00	150	Vertical	Pass
3**	3987.000	37.38	-3.96	54.0	-16.62	AV	360.00	150	Vertical	Pass
3	3987.000	46.82	-3.96	74.0	-27.18	Peak	360.00	150	Vertical	Pass
4**	5494.000	94.77	-2.19	--	94.77	AV	275.00	150	Vertical	N/A
4	5494.000	103.85	-2.19	--	-171.15	Peak	275.00	150	Vertical	N/A
5**	7510.312	37.73	-2.21	54.0	-16.27	AV	361.00	150	Vertical	Pass
5	7510.312	48.02	-2.21	74.0	-25.98	Peak	361.00	150	Vertical	Pass
6**	12074.375	40.17	0.95	54.0	-13.83	AV	202.00	150	Vertical	Pass
6	12074.375	50.82	0.95	74.0	-23.18	Peak	202.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1515.500	26.40	-17.30	54.0	-27.60	AV	78.00	150	Horizontal	Pass
1	1515.500	36.79	-17.30	74.0	-37.21	Peak	78.00	150	Horizontal	Pass
2**	2856.000	31.97	-10.25	54.0	-22.03	AV	360.00	150	Horizontal	Pass
2	2856.000	42.79	-10.25	74.0	-31.21	Peak	360.00	150	Horizontal	Pass
3**	3989.000	37.19	-3.88	54.0	-16.81	AV	55.00	150	Horizontal	Pass
3	3989.000	47.27	-3.88	74.0	-26.73	Peak	55.00	150	Horizontal	Pass
4**	5499.000	83.68	-2.43	--	83.68	AV	265.00	150	Horizontal	N/A
4	5499.000	90.96	-2.43	--	-174.04	Peak	265.00	150	Horizontal	N/A
5**	7621.000	37.44	-2.77	54.0	-16.56	AV	183.00	150	Horizontal	Pass
5	7621.000	48.64	-2.77	74.0	-25.36	Peak	183.00	150	Horizontal	Pass
6**	11904.750	40.15	2.05	54.0	-13.85	AV	335.00	150	Horizontal	Pass
6	11904.750	51.06	2.05	74.0	-22.94	Peak	335.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1537.000	25.83	-17.63	54.0	-28.17	AV	2.00	150	Vertical	Pass
1	1537.000	36.87	-17.63	74.0	-37.13	Peak	2.00	150	Vertical	Pass
2**	2798.500	31.95	-10.57	54.0	-22.05	AV	218.00	150	Vertical	Pass
2	2798.500	42.38	-10.57	74.0	-31.62	Peak	218.00	150	Vertical	Pass
3**	3990.000	37.56	-3.91	54.0	-16.44	AV	-1.00	150	Vertical	Pass
3	3990.000	47.44	-3.91	74.0	-26.56	Peak	-1.00	150	Vertical	Pass
4**	5577.000	96.98	-2.39	--	96.98	AV	282.00	150	Vertical	N/A
4	5577.000	104.53	-2.39	--	-177.47	Peak	282.00	150	Vertical	N/A
5**	8279.375	37.67	-1.19	54.0	-16.33	AV	0.00	150	Vertical	Pass
5	8279.375	48.33	-1.19	74.0	-25.67	Peak	0.00	150	Vertical	Pass
6**	11865.938	39.85	1.59	54.0	-14.15	AV	340.00	150	Vertical	Pass
6	11865.938	51.29	1.59	74.0	-22.71	Peak	340.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1576.000	26.18	-17.38	54.0	-27.82	AV	38.00	150	Horizontal	Pass
1	1576.000	36.74	-17.38	74.0	-37.26	Peak	38.00	150	Horizontal	Pass
2**	2735.500	31.61	-10.70	54.0	-22.39	AV	360.00	150	Horizontal	Pass
2	2735.500	43.16	-10.70	74.0	-30.84	Peak	360.00	150	Horizontal	Pass
3**	3990.000	37.42	-3.91	54.0	-16.58	AV	205.00	150	Horizontal	Pass
3	3990.000	47.03	-3.91	74.0	-26.97	Peak	205.00	150	Horizontal	Pass
4**	5578.000	83.68	-2.52	--	83.68	AV	283.00	150	Horizontal	N/A
4	5578.000	90.36	-2.52	--	-192.64	Peak	283.00	150	Horizontal	N/A
5**	7612.375	37.83	-2.41	54.0	-16.17	AV	316.00	150	Horizontal	Pass
5	7612.375	48.45	-2.41	74.0	-25.55	Peak	316.00	150	Horizontal	Pass
6**	15777.937	43.63	1.93	54.0	-10.37	AV	38.00	150	Horizontal	Pass
6	15777.937	53.88	1.93	74.0	-20.12	Peak	38.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1521.500	26.58	-17.41	54.0	-27.42	AV	317.00	150	Vertical	Pass
1	1521.500	36.61	-17.41	74.0	-37.39	Peak	317.00	150	Vertical	Pass
2**	3977.000	36.56	-4.67	54.0	-17.44	AV	273.00	150	Vertical	Pass
2	3977.000	47.06	-4.67	74.0	-26.94	Peak	273.00	150	Vertical	Pass
3**	4886.000	41.49	-2.84	54.0	-12.51	AV	300.00	150	Vertical	Pass
3	4886.000	51.68	-2.84	74.0	-22.32	Peak	300.00	150	Vertical	Pass
4**	5697.000	96.91	-1.51	--	96.91	AV	279.00	150	Vertical	N/A
4	5697.000	104.21	-1.51	--	-174.79	Peak	279.00	150	Vertical	N/A
5**	7540.500	38.15	-1.50	54.0	-15.85	AV	340.00	150	Vertical	Pass
5	7540.500	48.12	-1.50	74.0	-25.88	Peak	340.00	150	Vertical	Pass
6**	15520.687	44.52	2.52	54.0	-9.48	AV	87.00	150	Vertical	Pass
6	15520.687	54.75	2.52	74.0	-19.25	Peak	87.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1537.500	25.84	-17.63	54.0	-28.16	AV	261.00	150	Horizontal	Pass
1	1537.500	37.04	-17.63	74.0	-36.96	Peak	261.00	150	Horizontal	Pass
2**	2792.000	32.05	-10.48	54.0	-21.95	AV	306.00	150	Horizontal	Pass
2	2792.000	42.71	-10.48	74.0	-31.29	Peak	306.00	150	Horizontal	Pass
3**	3990.000	37.32	-3.91	54.0	-16.68	AV	339.00	150	Horizontal	Pass
3	3990.000	47.71	-3.91	74.0	-26.29	Peak	339.00	150	Horizontal	Pass
4**	5704.000	86.17	-1.87	--	86.17	AV	52.00	150	Horizontal	N/A
4	5704.000	92.88	-1.87	--	40.88	Peak	52.00	150	Horizontal	N/A
5**	8220.438	37.81	-1.66	54.0	-16.19	AV	85.00	150	Horizontal	Pass
5	8220.438	48.24	-1.66	74.0	-25.76	Peak	85.00	150	Horizontal	Pass
6**	11996.750	40.89	1.43	54.0	-13.11	AV	360.00	150	Horizontal	Pass
6	11996.750	50.72	1.43	74.0	-23.28	Peak	360.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11n20 ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2795.500	31.79	-10.71	54.0	-22.21	AV	46.00	150	Vertical	Pass
1	2795.500	44.60	-10.71	74.0	-29.40	Peak	46.00	150	Vertical	Pass
2**	3986.000	37.28	-4.06	54.0	-16.72	AV	0.00	150	Vertical	Pass
2	3986.000	47.70	-4.06	74.0	-26.30	Peak	0.00	150	Vertical	Pass
3**	4903.000	40.02	-3.17	54.0	-13.98	AV	302.00	150	Vertical	Pass
3	4903.000	50.27	-3.17	74.0	-23.73	Peak	302.00	150	Vertical	Pass
4**	5715.000	94.64	-2.43	--	94.64	AV	289.00	150	Vertical	N/A
4	5715.000	103.77	-2.43	--	-185.23	Peak	289.00	150	Vertical	N/A
5**	7485.875	38.33	-2.63	54.0	-15.67	AV	100.00	150	Vertical	Pass
5	7485.875	48.33	-2.63	74.0	-25.67	Peak	100.00	150	Vertical	Pass
6**	15795.000	43.76	2.87	54.0	-10.24	AV	190.00	150	Vertical	Pass
6	15795.000	54.06	2.87	74.0	-19.94	Peak	190.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11n20 ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1469.000	26.41	-17.23	54.0	-27.59	AV	137.00	150	Horizontal	Pass
1	1469.000	36.83	-17.23	74.0	-37.17	Peak	137.00	150	Horizontal	Pass
2**	2809.000	32.29	-9.85	54.0	-21.71	AV	344.00	150	Horizontal	Pass
2	2809.000	42.47	-9.85	74.0	-31.53	Peak	344.00	150	Horizontal	Pass
3**	3996.000	36.68	-4.08	54.0	-17.32	AV	47.00	150	Horizontal	Pass
3	3996.000	46.99	-4.08	74.0	-27.01	Peak	47.00	150	Horizontal	Pass
4**	5724.000	84.50	-2.17	--	84.50	AV	360.00	150	Horizontal	N/A
4	5724.000	91.04	-2.17	--	-268.96	Peak	360.00	150	Horizontal	N/A
5**	7533.313	38.42	-1.65	54.0	-15.58	AV	324.00	150	Horizontal	Pass
5	7533.313	47.90	-1.65	74.0	-26.10	Peak	324.00	150	Horizontal	Pass
6**	11493.625	39.77	0.30	54.0	-14.23	AV	226.00	150	Horizontal	Pass
6	11493.625	50.17	0.30	74.0	-23.83	Peak	226.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1566.500	26.33	-17.26	54.0	-27.67	AV	0.00	150	Vertical	Pass
1	1566.500	37.12	-17.26	74.0	-36.88	Peak	0.00	150	Vertical	Pass
2**	2773.000	31.91	-10.47	54.0	-22.09	AV	324.00	150	Vertical	Pass
2	2773.000	43.19	-10.47	74.0	-30.81	Peak	324.00	150	Vertical	Pass
3**	4288.000	37.14	-4.52	54.0	-16.86	AV	220.00	150	Vertical	Pass
3	4288.000	48.42	-4.52	74.0	-25.58	Peak	220.00	150	Vertical	Pass
4**	5514.000	94.68	-2.29	--	94.68	AV	280.00	150	Vertical	N/A
4	5514.000	102.64	-2.29	--	-177.36	Peak	280.00	150	Vertical	N/A
5**	7536.187	37.95	-1.86	54.0	-16.05	AV	180.00	150	Vertical	Pass
5	7536.187	47.66	-1.86	74.0	-26.34	Peak	180.00	150	Vertical	Pass
6**	11663.250	39.93	0.51	54.0	-14.07	AV	318.00	150	Vertical	Pass
6	11663.250	50.44	0.51	74.0	-23.56	Peak	318.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1468.500	26.49	-17.19	54.0	-27.51	AV	341.00	150	Horizontal	Pass
1	1468.500	37.05	-17.19	74.0	-36.95	Peak	341.00	150	Horizontal	Pass
2**	2768.500	31.76	-10.57	54.0	-22.24	AV	20.00	150	Horizontal	Pass
2	2768.500	42.64	-10.57	74.0	-31.36	Peak	20.00	150	Horizontal	Pass
3**	3991.000	37.90	-3.95	54.0	-16.10	AV	77.00	150	Horizontal	Pass
3	3991.000	47.04	-3.95	74.0	-26.96	Peak	77.00	150	Horizontal	Pass
4**	5504.000	79.73	-2.51	--	79.73	AV	273.00	150	Horizontal	N/A
4	5504.000	86.97	-2.51	--	-186.03	Peak	273.00	150	Horizontal	N/A
5**	7484.438	38.12	-2.67	54.0	-15.88	AV	56.00	150	Horizontal	Pass
5	7484.438	47.91	-2.67	74.0	-26.09	Peak	56.00	150	Horizontal	Pass
6**	15528.563	43.30	2.20	54.0	-10.70	AV	337.00	150	Horizontal	Pass
6	15528.563	53.86	2.20	74.0	-20.14	Peak	337.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1377.000	26.29	-17.27	54.0	-27.71	AV	57.00	150	Vertical	Pass
1	1377.000	36.70	-17.27	74.0	-37.30	Peak	57.00	150	Vertical	Pass
2**	2219.000	30.65	-12.67	54.0	-23.35	AV	94.00	150	Vertical	Pass
2	2219.000	42.04	-12.67	74.0	-31.96	Peak	94.00	150	Vertical	Pass
3**	4000.000	37.08	-4.02	54.0	-16.92	AV	118.00	150	Vertical	Pass
3	4000.000	47.46	-4.02	74.0	-26.54	Peak	118.00	150	Vertical	Pass
4**	5601.000	95.09	-2.14	--	95.09	AV	293.00	150	Vertical	N/A
4	5601.000	103.05	-2.14	--	-189.95	Peak	293.00	150	Vertical	N/A
5**	7343.563	37.58	-3.52	54.0	-16.42	AV	1.00	150	Vertical	Pass
5	7343.563	48.43	-3.52	74.0	-25.57	Peak	1.00	150	Vertical	Pass
6**	11991.000	40.61	1.36	54.0	-13.39	AV	360.00	150	Vertical	Pass
6	11991.000	50.82	1.36	74.0	-23.18	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1347.000	26.17	-17.33	54.0	-27.83	AV	177.00	150	Horizontal	Pass
1	1347.000	37.64	-17.33	74.0	-36.36	Peak	177.00	150	Horizontal	Pass
2**	2796.500	32.00	-10.41	54.0	-22.00	AV	360.00	150	Horizontal	Pass
2	2796.500	42.70	-10.41	74.0	-31.30	Peak	360.00	150	Horizontal	Pass
3**	3994.000	37.40	-3.86	54.0	-16.60	AV	61.00	150	Horizontal	Pass
3	3994.000	48.15	-3.86	74.0	-25.85	Peak	61.00	150	Horizontal	Pass
4**	5587.000	80.42	-2.70	--	80.42	AV	70.00	150	Horizontal	N/A
4	5587.000	87.00	-2.70	--	17.00	Peak	70.00	150	Horizontal	N/A
5**	8104.000	38.70	-1.56	54.0	-15.30	AV	100.00	150	Horizontal	Pass
5	8104.000	49.02	-1.56	74.0	-24.98	Peak	100.00	150	Horizontal	Pass
6**	11161.562	39.47	-0.52	54.0	-14.53	AV	255.00	150	Horizontal	Pass
6	11161.562	50.49	-0.52	74.0	-23.51	Peak	255.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1538.000	25.98	-17.63	54.0	-28.02	AV	40.00	150	Vertical	Pass
1	1538.000	37.22	-17.63	74.0	-36.78	Peak	40.00	150	Vertical	Pass
2**	3989.000	37.37	-3.88	54.0	-16.63	AV	229.00	150	Vertical	Pass
2	3989.000	46.79	-3.88	74.0	-27.21	Peak	229.00	150	Vertical	Pass
3**	4860.000	39.26	-2.64	54.0	-14.74	AV	305.00	150	Vertical	Pass
3	4860.000	49.46	-2.64	74.0	-24.54	Peak	305.00	150	Vertical	Pass
4**	5679.000	95.18	-1.87	--	95.18	AV	305.00	150	Vertical	N/A
4	5679.000	102.41	-1.87	--	-202.59	Peak	305.00	150	Vertical	N/A
5**	7530.438	38.34	-1.78	54.0	-15.66	AV	212.00	150	Vertical	Pass
5	7530.438	47.83	-1.78	74.0	-26.17	Peak	212.00	150	Vertical	Pass
6**	12314.438	40.39	1.71	54.0	-13.61	AV	13.00	150	Vertical	Pass
6	12314.438	50.87	1.71	74.0	-23.13	Peak	13.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1492.000	27.08	-17.24	54.0	-26.92	AV	117.00	150	Horizontal	Pass
1	1492.000	36.40	-17.24	74.0	-37.60	Peak	117.00	150	Horizontal	Pass
2**	2804.500	31.79	-10.44	54.0	-22.21	AV	259.00	150	Horizontal	Pass
2	2804.500	42.43	-10.44	74.0	-31.57	Peak	259.00	150	Horizontal	Pass
3**	3990.000	37.18	-3.91	54.0	-16.82	AV	89.00	150	Horizontal	Pass
3	3990.000	46.59	-3.91	74.0	-27.41	Peak	89.00	150	Horizontal	Pass
4**	5661.000	81.21	-2.25	--	81.21	AV	280.00	150	Horizontal	N/A
4	5661.000	89.42	-2.25	--	-190.58	Peak	280.00	150	Horizontal	N/A
5**	8299.500	38.14	-1.06	54.0	-15.86	AV	297.00	150	Horizontal	Pass
5	8299.500	48.35	-1.06	74.0	-25.65	Peak	297.00	150	Horizontal	Pass
6**	11876.000	40.10	1.73	54.0	-13.90	AV	297.00	150	Horizontal	Pass
6	11876.000	51.62	1.73	74.0	-22.38	Peak	297.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11n40 ANT V CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.000	26.09	-17.48	54.0	-27.91	AV	331.00	150	Vertical	Pass
1	1583.000	36.48	-17.48	74.0	-37.52	Peak	331.00	150	Vertical	Pass
2**	3986.000	37.34	-4.06	54.0	-16.66	AV	89.00	150	Vertical	Pass
2	3986.000	47.56	-4.06	74.0	-26.44	Peak	89.00	150	Vertical	Pass
3**	4894.000	38.56	-3.15	54.0	-15.44	AV	171.00	150	Vertical	Pass
3	4894.000	49.57	-3.15	74.0	-24.43	Peak	171.00	150	Vertical	Pass
4**	5712.000	94.62	-2.12	--	94.62	AV	284.00	150	Vertical	N/A
4	5712.000	102.58	-2.12	--	-181.42	Peak	284.00	150	Vertical	N/A
5**	7559.187	37.06	-2.42	54.0	-16.94	AV	357.00	150	Vertical	Pass
5	7559.187	48.52	-2.42	74.0	-25.48	Peak	357.00	150	Vertical	Pass
6**	12002.500	40.64	1.48	54.0	-13.36	AV	112.00	150	Vertical	Pass
6	12002.500	50.53	1.48	74.0	-23.47	Peak	112.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11n40 ANT H CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1591.500	26.50	-17.10	54.0	-27.50	AV	115.00	150	Horizontal	Pass
1	1591.500	37.44	-17.10	74.0	-36.56	Peak	115.00	150	Horizontal	Pass
2**	2826.500	32.25	-9.85	54.0	-21.75	AV	305.00	150	Horizontal	Pass
2	2826.500	42.19	-9.85	74.0	-31.81	Peak	305.00	150	Horizontal	Pass
3**	3988.000	37.07	-3.91	54.0	-16.93	AV	339.00	150	Horizontal	Pass
3	3988.000	46.92	-3.91	74.0	-27.08	Peak	339.00	150	Horizontal	Pass
4**	5702.000	81.87	-1.82	--	81.87	AV	269.00	150	Horizontal	N/A
4	5702.000	89.07	-1.82	--	-179.93	Peak	269.00	150	Horizontal	N/A
5**	7336.375	36.91	-3.51	54.0	-17.09	AV	219.00	150	Horizontal	Pass
5	7336.375	48.41	-3.51	74.0	-25.59	Peak	219.00	150	Horizontal	Pass
6**	11943.562	40.19	1.69	54.0	-13.81	AV	56.00	150	Horizontal	Pass
6	11943.562	51.22	1.69	74.0	-22.78	Peak	56.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1483.500	26.46	-17.30	54.0	-27.54	AV	229.00	150	Vertical	Pass
1	1483.500	36.67	-17.30	74.0	-37.33	Peak	229.00	150	Vertical	Pass
2**	2827.000	31.90	-9.89	54.0	-22.10	AV	0.00	150	Vertical	Pass
2	2827.000	42.79	-9.89	74.0	-31.21	Peak	0.00	150	Vertical	Pass
3**	3995.000	37.16	-4.00	54.0	-16.84	AV	360.00	150	Vertical	Pass
3	3995.000	46.86	-4.00	74.0	-27.14	Peak	360.00	150	Vertical	Pass
4**	5497.000	96.61	-2.29	--	96.61	AV	273.00	150	Vertical	N/A
4	5497.000	103.86	-2.29	--	-169.14	Peak	273.00	150	Vertical	N/A
5**	8184.500	38.06	-1.96	54.0	-15.94	AV	0.00	150	Vertical	Pass
5	8184.500	48.61	-1.96	74.0	-25.39	Peak	0.00	150	Vertical	Pass
6**	11914.812	40.26	1.76	54.0	-13.74	AV	361.00	150	Vertical	Pass
6	11914.812	50.98	1.76	74.0	-23.02	Peak	361.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1510.500	26.21	-17.39	54.0	-27.79	AV	138.00	150	Horizontal	Pass
1	1510.500	36.84	-17.39	74.0	-37.16	Peak	138.00	150	Horizontal	Pass
2**	2723.500	31.76	-10.78	54.0	-22.24	AV	330.00	150	Horizontal	Pass
2	2723.500	42.28	-10.78	74.0	-31.72	Peak	330.00	150	Horizontal	Pass
3**	3993.000	37.36	-3.74	54.0	-16.64	AV	328.00	150	Horizontal	Pass
3	3993.000	46.94	-3.74	74.0	-27.06	Peak	328.00	150	Horizontal	Pass
4**	5497.000	82.99	-2.29	--	82.99	AV	217.00	150	Horizontal	N/A
4	5497.000	89.59	-2.29	--	-127.41	Peak	217.00	150	Horizontal	N/A
5**	7494.500	37.66	-2.64	54.0	-16.34	AV	359.00	150	Horizontal	Pass
5	7494.500	47.80	-2.64	74.0	-26.20	Peak	359.00	150	Horizontal	Pass
6**	11868.812	39.79	1.62	54.0	-14.21	AV	360.00	150	Horizontal	Pass
6	11868.812	51.31	1.62	74.0	-22.69	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1578.000	26.10	-17.48	54.0	-27.90	AV	323.00	150	Vertical	Pass
1	1578.000	37.02	-17.48	74.0	-36.98	Peak	323.00	150	Vertical	Pass
2**	2796.500	32.25	-10.41	54.0	-21.75	AV	48.00	150	Vertical	Pass
2	2796.500	43.12	-10.41	74.0	-30.88	Peak	48.00	150	Vertical	Pass
3**	3976.000	36.78	-4.65	54.0	-17.22	AV	314.00	150	Vertical	Pass
3	3976.000	47.00	-4.65	74.0	-27.00	Peak	314.00	150	Vertical	Pass
4**	5581.000	94.98	-2.60	--	94.98	AV	284.00	150	Vertical	N/A
4	5581.000	104.08	-2.60	--	-179.92	Peak	284.00	150	Vertical	N/A
5**	7498.812	37.57	-2.49	54.0	-16.43	AV	329.00	150	Vertical	Pass
5	7498.812	47.80	-2.49	74.0	-26.20	Peak	329.00	150	Vertical	Pass
6**	11459.125	39.59	0.21	54.0	-14.41	AV	361.00	150	Vertical	Pass
6	11459.125	50.80	0.21	74.0	-23.20	Peak	361.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1590.000	26.66	-17.01	54.0	-27.34	AV	361.00	150	Horizontal	Pass
1	1590.000	37.07	-17.01	74.0	-36.93	Peak	361.00	150	Horizontal	Pass
2**	2726.000	31.44	-10.79	54.0	-22.56	AV	172.00	150	Horizontal	Pass
2	2726.000	42.73	-10.79	74.0	-31.27	Peak	172.00	150	Horizontal	Pass
3**	3984.000	37.64	-4.24	54.0	-16.36	AV	345.00	150	Horizontal	Pass
3	3984.000	47.09	-4.24	74.0	-26.91	Peak	345.00	150	Horizontal	Pass
4**	5578.000	84.15	-2.52	--	84.15	AV	267.00	150	Horizontal	N/A
4	5578.000	90.76	-2.52	--	-176.24	Peak	267.00	150	Horizontal	N/A
5**	7424.062	38.00	-2.52	54.0	-16.00	AV	351.00	150	Horizontal	Pass
5	7424.062	48.10	-2.52	74.0	-25.90	Peak	351.00	150	Horizontal	Pass
6**	15522.000	44.15	2.50	54.0	-9.85	AV	142.00	150	Horizontal	Pass
6	15522.000	54.73	2.50	74.0	-19.27	Peak	142.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1513.500	26.28	-17.54	54.0	-27.72	AV	169.00	150	Vertical	Pass
1	1513.500	36.50	-17.54	74.0	-37.50	Peak	169.00	150	Vertical	Pass
2**	2793.500	31.81	-10.72	54.0	-22.19	AV	57.00	150	Vertical	Pass
2	2793.500	43.44	-10.72	74.0	-30.56	Peak	57.00	150	Vertical	Pass
3**	4886.000	41.19	-2.84	54.0	-12.81	AV	296.00	150	Vertical	Pass
3	4886.000	50.69	-2.84	74.0	-23.31	Peak	296.00	150	Vertical	Pass
4**	5704.000	96.45	-1.87	--	96.45	AV	285.00	150	Vertical	N/A
4	5704.000	104.89	-1.87	--	-180.11	Peak	285.00	150	Vertical	N/A
5**	7350.750	37.42	-3.58	54.0	-16.58	AV	359.00	150	Vertical	Pass
5	7350.750	48.13	-3.58	74.0	-25.87	Peak	359.00	150	Vertical	Pass
6**	12051.375	39.89	1.39	54.0	-14.11	AV	197.00	150	Vertical	Pass
6	12051.375	50.52	1.39	74.0	-23.48	Peak	197.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1518.500	26.41	-17.23	54.0	-27.59	AV	262.00	150	Horizontal	Pass
1	1518.500	36.85	-17.23	74.0	-37.15	Peak	262.00	150	Horizontal	Pass
2**	2724.500	31.84	-10.89	54.0	-22.16	AV	293.00	150	Horizontal	Pass
2	2724.500	42.60	-10.89	74.0	-31.40	Peak	293.00	150	Horizontal	Pass
3**	3976.000	36.69	-4.65	54.0	-17.31	AV	198.00	150	Horizontal	Pass
3	3976.000	46.83	-4.65	74.0	-27.17	Peak	198.00	150	Horizontal	Pass
4**	5704.000	86.18	-1.87	--	86.18	AV	52.00	150	Horizontal	N/A
4	5704.000	92.71	-1.87	--	40.71	Peak	52.00	150	Horizontal	N/A
5**	7362.250	37.27	-3.68	54.0	-16.73	AV	204.00	150	Horizontal	Pass
5	7362.250	47.77	-3.68	74.0	-26.23	Peak	204.00	150	Horizontal	Pass
6**	15567.938	44.12	2.60	54.0	-9.88	AV	244.00	150	Horizontal	Pass
6	15567.938	54.40	2.60	74.0	-19.60	Peak	244.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac20 ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1526.500	26.38	-17.17	54.0	-27.62	AV	306.00	150	Vertical	Pass
1	1526.500	36.59	-17.17	74.0	-37.41	Peak	306.00	150	Vertical	Pass
2**	3673.000	37.40	-5.11	54.0	-16.60	AV	209.00	150	Vertical	Pass
2	3673.000	46.43	-5.11	74.0	-27.57	Peak	209.00	150	Vertical	Pass
3**	4903.000	39.37	-3.17	54.0	-14.63	AV	293.00	150	Vertical	Pass
3	4903.000	50.02	-3.17	74.0	-23.98	Peak	293.00	150	Vertical	Pass
4**	5724.000	96.35	-2.17	--	96.35	AV	282.00	150	Vertical	N/A
4	5724.000	103.19	-2.17	--	-178.81	Peak	282.00	150	Vertical	N/A
5**	7342.125	37.54	-3.57	54.0	-16.46	AV	120.00	150	Vertical	Pass
5	7342.125	47.69	-3.57	74.0	-26.31	Peak	120.00	150	Vertical	Pass
6**	12025.500	39.96	1.11	54.0	-14.04	AV	0.00	150	Vertical	Pass
6	12025.500	50.26	1.11	74.0	-23.74	Peak	0.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac20 ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1591.000	26.64	-17.07	54.0	-27.36	AV	173.00	150	Horizontal	Pass
1	1591.000	37.27	-17.07	74.0	-36.73	Peak	173.00	150	Horizontal	Pass
2**	2792.000	32.53	-10.48	54.0	-21.47	AV	345.00	150	Horizontal	Pass
2	2792.000	42.76	-10.48	74.0	-31.24	Peak	345.00	150	Horizontal	Pass
3**	3992.000	37.13	-3.84	54.0	-16.87	AV	7.00	150	Horizontal	Pass
3	3992.000	48.19	-3.84	74.0	-25.81	Peak	7.00	150	Horizontal	Pass
4**	5724.000	84.54	-2.17	--	84.54	AV	1.00	150	Horizontal	N/A
4	5724.000	91.48	-2.17	--	90.48	Peak	1.00	150	Horizontal	N/A
5**	7537.625	37.87	-1.81	54.0	-16.13	AV	23.00	150	Horizontal	Pass
5	7537.625	47.87	-1.81	74.0	-26.13	Peak	23.00	150	Horizontal	Pass
6**	12277.063	40.73	1.97	54.0	-13.27	AV	361.00	150	Horizontal	Pass
6	12277.063	50.89	1.97	74.0	-23.11	Peak	361.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1556.000	26.17	-17.59	54.0	-27.83	AV	116.00	150	Vertical	Pass
1	1556.000	36.48	-17.59	74.0	-37.52	Peak	116.00	150	Vertical	Pass
2**	2751.000	32.16	-10.53	54.0	-21.84	AV	344.00	150	Vertical	Pass
2	2751.000	42.68	-10.53	74.0	-31.32	Peak	344.00	150	Vertical	Pass
3**	3991.000	37.37	-3.95	54.0	-16.63	AV	223.00	150	Vertical	Pass
3	3991.000	46.94	-3.95	74.0	-27.06	Peak	223.00	150	Vertical	Pass
4**	5508.000	94.96	-2.41	--	94.96	AV	283.00	150	Vertical	N/A
4	5508.000	102.16	-2.41	--	-180.84	Peak	283.00	150	Vertical	N/A
5**	7441.312	37.60	-2.90	54.0	-16.40	AV	23.00	150	Vertical	Pass
5	7441.312	48.14	-2.90	74.0	-25.86	Peak	23.00	150	Vertical	Pass
6**	11943.562	40.22	1.69	54.0	-13.78	AV	360.00	150	Vertical	Pass
6	11943.562	51.14	1.69	74.0	-22.86	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1541.000	26.13	-17.47	54.0	-27.87	AV	302.00	150	Horizontal	Pass
1	1541.000	36.87	-17.47	74.0	-37.13	Peak	302.00	150	Horizontal	Pass
2**	2863.500	31.73	-10.35	54.0	-22.27	AV	278.00	150	Horizontal	Pass
2	2863.500	43.03	-10.35	74.0	-30.97	Peak	278.00	150	Horizontal	Pass
3**	3990.000	37.46	-3.91	54.0	-16.54	AV	136.00	150	Horizontal	Pass
3	3990.000	47.02	-3.91	74.0	-26.98	Peak	136.00	150	Horizontal	Pass
4**	5501.000	79.81	-2.46	--	79.81	AV	213.00	150	Horizontal	N/A
4	5501.000	87.18	-2.46	--	-125.82	Peak	213.00	150	Horizontal	N/A
5**	7534.750	38.07	-1.82	54.0	-15.93	AV	16.00	150	Horizontal	Pass
5	7534.750	48.49	-1.82	74.0	-25.51	Peak	16.00	150	Horizontal	Pass
6**	12218.125	40.63	1.62	54.0	-13.37	AV	285.00	150	Horizontal	Pass
6	12218.125	50.94	1.62	74.0	-23.06	Peak	285.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1396.500	26.30	-17.10	54.0	-27.70	AV	0.00	150	Vertical	Pass
1	1396.500	36.55	-17.10	74.0	-37.45	Peak	0.00	150	Vertical	Pass
2**	2763.500	32.76	-10.26	54.0	-21.24	AV	222.00	150	Vertical	Pass
2	2763.500	42.56	-10.26	74.0	-31.44	Peak	222.00	150	Vertical	Pass
3**	3986.000	37.16	-4.06	54.0	-16.84	AV	7.00	150	Vertical	Pass
3	3986.000	47.53	-4.06	74.0	-26.47	Peak	7.00	150	Vertical	Pass
4**	5582.000	94.39	-2.83	--	94.39	AV	282.00	150	Vertical	N/A
4	5582.000	102.61	-2.83	--	-179.39	Peak	282.00	150	Vertical	N/A
5**	7437.000	37.76	-2.53	54.0	-16.24	AV	333.00	150	Vertical	Pass
5	7437.000	47.61	-2.53	74.0	-26.39	Peak	333.00	150	Vertical	Pass
6**	11725.062	40.04	1.33	54.0	-13.96	AV	5.00	150	Vertical	Pass
6	11725.062	51.39	1.33	74.0	-22.61	Peak	5.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1350.500	26.17	-17.32	54.0	-27.83	AV	299.00	150	Horizontal	Pass
1	1350.500	37.07	-17.32	74.0	-36.93	Peak	299.00	150	Horizontal	Pass
2**	2788.500	32.12	-10.45	54.0	-21.88	AV	359.00	150	Horizontal	Pass
2	2788.500	42.37	-10.45	74.0	-31.63	Peak	359.00	150	Horizontal	Pass
3**	3991.000	37.87	-3.95	54.0	-16.13	AV	360.00	150	Horizontal	Pass
3	3991.000	48.26	-3.95	74.0	-25.74	Peak	360.00	150	Horizontal	Pass
4**	5580.000	80.20	-2.47	--	80.20	AV	53.00	150	Horizontal	N/A
4	5580.000	87.32	-2.47	--	34.32	Peak	53.00	150	Horizontal	N/A
5**	8305.250	38.35	-0.93	54.0	-15.65	AV	0.00	150	Horizontal	Pass
5	8305.250	48.45	-0.93	74.0	-25.55	Peak	0.00	150	Horizontal	Pass
6**	12354.688	40.44	1.67	54.0	-13.56	AV	265.00	150	Horizontal	Pass
6	12354.688	51.10	1.67	74.0	-22.90	Peak	265.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1463.500	26.15	-17.56	54.0	-27.85	AV	190.00	150	Vertical	Pass
1	1463.500	37.72	-17.56	74.0	-36.28	Peak	190.00	150	Vertical	Pass
2**	3982.000	37.11	-4.27	54.0	-16.89	AV	40.00	150	Vertical	Pass
2	3982.000	47.04	-4.27	74.0	-26.96	Peak	40.00	150	Vertical	Pass
3**	4860.000	38.93	-2.64	54.0	-15.07	AV	299.00	150	Vertical	Pass
3	4860.000	49.11	-2.64	74.0	-24.89	Peak	299.00	150	Vertical	Pass
4**	5659.000	95.83	-2.23	--	95.83	AV	271.00	150	Vertical	N/A
4	5659.000	102.46	-2.23	--	-168.54	Peak	271.00	150	Vertical	N/A
5**	8397.250	38.07	-0.84	54.0	-15.93	AV	111.00	150	Vertical	Pass
5	8397.250	48.99	-0.84	74.0	-25.01	Peak	111.00	150	Vertical	Pass
6**	15516.750	43.88	2.44	54.0	-10.12	AV	266.00	150	Vertical	Pass
6	15516.750	53.98	2.44	74.0	-20.02	Peak	266.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1570.500	25.89	-17.63	54.0	-28.11	AV	141.00	150	Horizontal	Pass
1	1570.500	37.14	-17.63	74.0	-36.86	Peak	141.00	150	Horizontal	Pass
2**	2809.500	32.36	-9.83	54.0	-21.64	AV	10.00	150	Horizontal	Pass
2	2809.500	42.70	-9.83	74.0	-31.30	Peak	10.00	150	Horizontal	Pass
3**	3983.000	36.68	-4.27	54.0	-17.32	AV	-1.00	150	Horizontal	Pass
3	3983.000	46.71	-4.27	74.0	-27.29	Peak	-1.00	150	Horizontal	Pass
4**	5679.000	81.29	-1.87	--	81.29	AV	286.00	150	Horizontal	N/A
4	5679.000	88.17	-1.87	--	-197.83	Peak	286.00	150	Horizontal	N/A
5**	7539.062	37.60	-1.68	54.0	-16.40	AV	359.00	150	Horizontal	Pass
5	7539.062	48.45	-1.68	74.0	-25.55	Peak	359.00	150	Horizontal	Pass
6**	12336.000	39.96	1.91	54.0	-14.04	AV	7.00	150	Horizontal	Pass
6	12336.000	51.01	1.91	74.0	-22.99	Peak	7.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac40 ANT V CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2791.000	32.18	-10.51	54.0	-21.82	AV	49.00	150	Vertical	Pass
1	2791.000	45.60	-10.51	74.0	-28.40	Peak	49.00	150	Vertical	Pass
2**	3992.000	37.39	-3.84	54.0	-16.61	AV	360.00	150	Vertical	Pass
2	3992.000	47.20	-3.84	74.0	-26.80	Peak	360.00	150	Vertical	Pass
3**	4895.000	43.85	-3.05	54.0	-10.15	AV	307.00	150	Vertical	Pass
3	4895.000	49.33	-3.05	74.0	-24.67	Peak	307.00	150	Vertical	Pass
4**	5708.000	94.55	-2.08	--	94.55	AV	173.00	150	Vertical	N/A
4	5708.000	102.20	-2.08	--	-70.80	Peak	173.00	150	Vertical	N/A
5**	8138.500	37.35	-2.47	54.0	-16.65	AV	0.00	150	Vertical	Pass
5	8138.500	48.29	-2.47	74.0	-25.71	Peak	0.00	150	Vertical	Pass
6**	12267.000	40.16	1.57	54.0	-13.84	AV	90.00	150	Vertical	Pass
6	12267.000	51.25	1.57	74.0	-22.75	Peak	90.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac40 ANT H CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1528.000	26.12	-17.37	54.0	-27.88	AV	0.00	150	Horizontal	Pass
1	1528.000	37.11	-17.37	74.0	-36.89	Peak	0.00	150	Horizontal	Pass
2**	2760.000	31.55	-10.81	54.0	-22.45	AV	214.00	150	Horizontal	Pass
2	2760.000	42.64	-10.81	74.0	-31.36	Peak	214.00	150	Horizontal	Pass
3**	4109.000	36.48	-4.92	54.0	-17.52	AV	280.00	150	Horizontal	Pass
3	4109.000	47.80	-4.92	74.0	-26.20	Peak	280.00	150	Horizontal	Pass
4**	5706.000	82.50	-2.07	--	82.50	AV	47.00	150	Horizontal	N/A
4	5706.000	90.14	-2.07	--	43.14	Peak	47.00	150	Horizontal	N/A
5**	8184.500	37.86	-1.96	54.0	-16.14	AV	146.00	150	Horizontal	Pass
5	8184.500	48.52	-1.96	74.0	-25.48	Peak	146.00	150	Horizontal	Pass
6**	11500.812	39.96	0.27	54.0	-14.04	AV	311.00	150	Horizontal	Pass
6	11500.812	49.82	0.27	74.0	-24.18	Peak	311.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1586.500	26.01	-17.33	54.0	-27.99	AV	216.00	150	Vertical	Pass
1	1586.500	36.51	-17.33	74.0	-37.49	Peak	216.00	150	Vertical	Pass
2**	2741.000	31.37	-11.00	54.0	-22.63	AV	216.00	150	Vertical	Pass
2	2741.000	42.52	-11.00	74.0	-31.48	Peak	216.00	150	Vertical	Pass
3**	4001.000	36.93	-4.03	54.0	-17.07	AV	210.00	150	Vertical	Pass
3	4001.000	46.61	-4.03	74.0	-27.39	Peak	210.00	150	Vertical	Pass
4**	5546.000	94.19	-2.35	--	94.19	AV	273.00	150	Vertical	N/A
4	5546.000	100.77	-2.35	--	-172.23	Peak	273.00	150	Vertical	N/A
5**	7497.375	38.01	-2.43	54.0	-15.99	AV	360.00	150	Vertical	Pass
5	7497.375	49.04	-2.43	74.0	-24.96	Peak	360.00	150	Vertical	Pass
6**	11293.813	39.39	0.61	54.0	-14.61	AV	95.00	150	Vertical	Pass
6	11293.813	50.05	0.61	74.0	-23.95	Peak	95.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1473.500	26.41	-17.18	54.0	-27.59	AV	324.00	150	Horizontal	Pass
1	1473.500	36.71	-17.18	74.0	-37.29	Peak	324.00	150	Horizontal	Pass
2**	2767.000	31.89	-10.58	54.0	-22.11	AV	158.00	150	Horizontal	Pass
2	2767.000	42.30	-10.58	74.0	-31.70	Peak	158.00	150	Horizontal	Pass
3**	3989.000	37.76	-3.88	54.0	-16.24	AV	9.00	150	Horizontal	Pass
3	3989.000	46.99	-3.88	74.0	-27.01	Peak	9.00	150	Horizontal	Pass
4**	5548.000	77.40	-2.38	--	77.40	AV	273.00	150	Horizontal	N/A
4	5548.000	85.70	-2.38	--	-187.30	Peak	273.00	150	Horizontal	N/A
5**	7485.875	38.07	-2.63	54.0	-15.93	AV	248.00	150	Horizontal	Pass
5	7485.875	47.71	-2.63	74.0	-26.29	Peak	248.00	150	Horizontal	Pass
6**	11365.687	39.23	0.03	54.0	-14.77	AV	231.00	150	Horizontal	Pass
6	11365.687	50.51	0.03	74.0	-23.49	Peak	231.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1485.500	26.82	-17.58	54.0	-27.18	AV	301.00	150	Vertical	Pass
1	1485.500	36.91	-17.58	74.0	-37.09	Peak	301.00	150	Vertical	Pass
2**	2810.500	32.35	-9.91	54.0	-21.65	AV	88.00	150	Vertical	Pass
2	2810.500	42.80	-9.91	74.0	-31.20	Peak	88.00	150	Vertical	Pass
3**	4109.000	36.72	-4.92	54.0	-17.28	AV	164.00	150	Vertical	Pass
3	4109.000	48.01	-4.92	74.0	-25.99	Peak	164.00	150	Vertical	Pass
4**	5602.000	93.54	-2.12	--	93.54	AV	281.00	150	Vertical	N/A
4	5602.000	101.13	-2.12	--	-179.87	Peak	281.00	150	Vertical	N/A
5**	8229.063	37.58	-1.54	54.0	-16.42	AV	272.00	150	Vertical	Pass
5	8229.063	49.60	-1.54	74.0	-24.40	Peak	272.00	150	Vertical	Pass
6**	12351.813	40.63	1.73	54.0	-13.37	AV	224.00	150	Vertical	Pass
6	12351.813	51.33	1.73	74.0	-22.67	Peak	224.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1551.000	26.48	-17.62	54.0	-27.52	AV	195.00	150	Horizontal	Pass
1	1551.000	36.48	-17.62	74.0	-37.52	Peak	195.00	150	Horizontal	Pass
2**	2730.500	31.73	-11.07	54.0	-22.27	AV	0.00	150	Horizontal	Pass
2	2730.500	42.11	-11.07	74.0	-31.89	Peak	0.00	150	Horizontal	Pass
3**	3985.000	37.49	-4.18	54.0	-16.51	AV	10.00	150	Horizontal	Pass
3	3985.000	47.83	-4.18	74.0	-26.17	Peak	10.00	150	Horizontal	Pass
4**	5614.000	78.50	-2.16	--	78.50	AV	269.00	150	Horizontal	N/A
4	5614.000	85.82	-2.16	--	-183.18	Peak	269.00	150	Horizontal	N/A
5**	8309.562	38.16	-1.12	54.0	-15.84	AV	81.00	150	Horizontal	Pass
5	8309.562	48.81	-1.12	74.0	-25.19	Peak	81.00	150	Horizontal	Pass
6**	15360.562	43.47	1.39	54.0	-10.53	AV	79.00	150	Horizontal	Pass
6	15360.562	54.80	1.39	74.0	-19.20	Peak	79.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac80 ANT V CH138

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1599.500	26.41	-17.21	54.0	-27.59	AV	360.00	150	Vertical	Pass
1	1599.500	37.08	-17.21	74.0	-36.92	Peak	360.00	150	Vertical	Pass
2**	3672.000	37.13	-5.02	54.0	-16.87	AV	317.00	150	Vertical	Pass
2	3672.000	45.99	-5.02	74.0	-28.01	Peak	317.00	150	Vertical	Pass
3**	4877.000	39.00	-2.62	54.0	-15.00	AV	303.00	150	Vertical	Pass
3	4877.000	50.79	-2.62	74.0	-23.21	Peak	303.00	150	Vertical	Pass
4**	5666.000	93.38	-2.37	--	93.38	AV	287.00	150	Vertical	N/A
4	5666.000	100.80	-2.37	--	-186.20	Peak	287.00	150	Vertical	N/A
5**	8283.687	37.94	-1.22	54.0	-16.06	AV	0.00	150	Vertical	Pass
5	8283.687	48.32	-1.22	74.0	-25.68	Peak	0.00	150	Vertical	Pass
6**	12479.750	40.38	1.78	54.0	-13.62	AV	221.00	150	Vertical	Pass
6	12479.750	51.23	1.78	74.0	-22.77	Peak	221.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac80 ANT H CH138

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1589.500	26.56	-17.06	54.0	-27.44	AV	74.00	150	Horizontal	Pass
1	1589.500	36.54	-17.06	74.0	-37.46	Peak	74.00	150	Horizontal	Pass
2**	2865.500	32.13	-10.23	54.0	-21.87	AV	142.00	150	Horizontal	Pass
2	2865.500	42.91	-10.23	74.0	-31.09	Peak	142.00	150	Horizontal	Pass
3**	3994.000	37.11	-3.86	54.0	-16.89	AV	360.00	150	Horizontal	Pass
3	3994.000	46.92	-3.86	74.0	-27.08	Peak	360.00	150	Horizontal	Pass
4**	5673.000	77.66	-2.09	--	77.66	AV	276.00	150	Horizontal	N/A
4	5673.000	86.39	-2.09	--	-189.61	Peak	276.00	150	Horizontal	N/A
5**	7353.625	37.75	-3.43	54.0	-16.25	AV	12.00	150	Horizontal	Pass
5	7353.625	47.47	-3.43	74.0	-26.53	Peak	12.00	150	Horizontal	Pass
6**	12344.625	40.32	1.89	54.0	-13.68	AV	359.00	150	Horizontal	Pass
6	12344.625	50.66	1.89	74.0	-23.34	Peak	359.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1556.000	25.88	-17.59	54.0	-28.12	AV	207.00	150	Vertical	Pass
1	1556.000	36.80	-17.59	74.0	-37.20	Peak	207.00	150	Vertical	Pass
2**	2797.000	32.44	-10.38	54.0	-21.56	AV	53.00	150	Vertical	Pass
2	2797.000	43.62	-10.38	74.0	-30.38	Peak	53.00	150	Vertical	Pass
3**	4924.000	39.07	-3.41	54.0	-14.93	AV	296.00	150	Vertical	Pass
3	4924.000	50.39	-3.41	74.0	-23.61	Peak	296.00	150	Vertical	Pass
4**	5742.000	96.80	-2.23	--	96.80	AV	279.00	150	Vertical	N/A
4	5742.000	104.63	-2.23	--	-174.37	Peak	279.00	150	Vertical	N/A
5**	8197.437	37.92	-1.87	54.0	-16.08	AV	243.00	150	Vertical	Pass
5	8197.437	48.90	-1.87	74.0	-25.10	Peak	243.00	150	Vertical	Pass
6**	11276.562	39.78	0.53	54.0	-14.22	AV	211.00	150	Vertical	Pass
6	11276.562	50.36	0.53	74.0	-23.64	Peak	211.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1552.000	25.97	-17.72	54.0	-28.03	AV	252.00	150	Horizontal	Pass
1	1552.000	36.77	-17.72	74.0	-37.23	Peak	252.00	150	Horizontal	Pass
2**	2811.000	31.96	-9.95	54.0	-22.04	AV	172.00	150	Horizontal	Pass
2	2811.000	42.17	-9.95	74.0	-31.83	Peak	172.00	150	Horizontal	Pass
3**	4223.000	36.31	-5.13	54.0	-17.69	AV	200.00	150	Horizontal	Pass
3	4223.000	47.98	-5.13	74.0	-26.02	Peak	200.00	150	Horizontal	Pass
4**	5742.000	86.45	-2.23	--	86.45	AV	43.00	150	Horizontal	N/A
4	5742.000	93.72	-2.23	--	50.72	Peak	43.00	150	Horizontal	N/A
5**	7495.938	38.15	-2.54	54.0	-15.85	AV	60.00	150	Horizontal	Pass
5	7495.938	48.57	-2.54	74.0	-25.43	Peak	60.00	150	Horizontal	Pass
6**	12064.312	39.85	1.22	54.0	-14.15	AV	0.00	150	Horizontal	Pass
6	12064.312	50.72	1.22	74.0	-23.28	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1350.000	26.49	-17.29	54.0	-27.51	AV	225.00	150	Vertical	Pass
1	1350.000	36.36	-17.29	74.0	-37.64	Peak	225.00	150	Vertical	Pass
2**	2000.000	29.39	-15.47	--	29.39	AV	1.00	150	Vertical	Pass
2	2000.000	44.02	-15.47	68.2	-24.18	Peak	1.00	150	Vertical	Pass
3**	3997.000	37.01	-4.16	54.0	-16.99	AV	223.00	150	Vertical	Pass
3	3997.000	46.85	-4.16	74.0	-27.15	Peak	223.00	150	Vertical	Pass
4**	5790.000	96.74	-1.98	--	96.74	AV	211.00	150	Vertical	N/A
4	5790.000	103.72	-1.98	--	-107.28	Peak	211.00	150	Vertical	N/A
5**	8184.500	37.80	-1.96	54.0	-16.20	AV	16.00	150	Vertical	Pass
5	8184.500	48.60	-1.96	74.0	-25.40	Peak	16.00	150	Vertical	Pass
6**	11329.750	39.19	0.78	54.0	-14.81	AV	165.00	150	Vertical	Pass
6	11329.750	50.80	0.78	74.0	-23.20	Peak	165.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1335.500	26.77	-17.07	54.0	-27.23	AV	247.00	150	Horizontal	Pass
1	1335.500	37.37	-17.07	74.0	-36.63	Peak	247.00	150	Horizontal	Pass
2**	2816.500	32.45	-10.01	54.0	-21.55	AV	-1.00	150	Horizontal	Pass
2	2816.500	43.32	-10.01	74.0	-30.68	Peak	-1.00	150	Horizontal	Pass
3**	4167.000	36.89	-4.61	54.0	-17.11	AV	294.00	150	Horizontal	Pass
3	4167.000	46.95	-4.61	74.0	-27.05	Peak	294.00	150	Horizontal	Pass
4**	5789.000	85.44	-1.95	--	85.44	AV	45.00	150	Horizontal	N/A
4	5789.000	91.59	-1.95	--	46.59	Peak	45.00	150	Horizontal	N/A
5**	7546.250	38.01	-1.56	54.0	-15.99	AV	74.00	150	Horizontal	Pass
5	7546.250	49.40	-1.56	74.0	-24.60	Peak	74.00	150	Horizontal	Pass
6**	11174.500	39.19	-0.42	54.0	-14.81	AV	1.00	150	Horizontal	Pass
6	11174.500	50.33	-0.42	74.0	-23.67	Peak	1.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1399.000	25.96	-17.32	54.0	-28.04	AV	110.00	150	Vertical	Pass
1	1399.000	37.16	-17.32	74.0	-36.84	Peak	110.00	150	Vertical	Pass
2**	3985.000	37.01	-4.18	54.0	-16.99	AV	109.00	150	Vertical	Pass
2	3985.000	47.32	-4.18	74.0	-26.68	Peak	109.00	150	Vertical	Pass
3**	4993.000	40.73	-3.09	54.0	-13.27	AV	326.00	150	Vertical	Pass
3	4993.000	51.27	-3.09	74.0	-22.73	Peak	326.00	150	Vertical	Pass
4**	5826.000	94.84	-1.99	--	94.84	AV	272.00	150	Vertical	N/A
4	5826.000	103.74	-1.99	--	-168.26	Peak	272.00	150	Vertical	N/A
5**	8221.875	37.89	-1.52	54.0	-16.11	AV	321.00	150	Vertical	Pass
5	8221.875	48.42	-1.52	74.0	-25.58	Peak	321.00	150	Vertical	Pass
6**	11897.562	40.39	2.22	54.0	-13.61	AV	159.00	150	Vertical	Pass
6	11897.562	51.37	2.22	74.0	-22.63	Peak	159.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1471.500	25.99	-17.38	54.0	-28.01	AV	245.00	150	Horizontal	Pass
1	1471.500	37.20	-17.38	74.0	-36.80	Peak	245.00	150	Horizontal	Pass
2**	2764.000	31.89	-10.21	54.0	-22.11	AV	361.00	150	Horizontal	Pass
2	2764.000	42.30	-10.21	74.0	-31.70	Peak	361.00	150	Horizontal	Pass
3**	3995.000	37.06	-4.00	54.0	-16.94	AV	195.00	150	Horizontal	Pass
3	3995.000	47.23	-4.00	74.0	-26.77	Peak	195.00	150	Horizontal	Pass
4**	5821.000	85.18	-2.01	--	85.18	AV	0.00	150	Horizontal	N/A
4	5821.000	93.19	-2.01	--	93.19	Peak	0.00	150	Horizontal	N/A
5**	7517.500	37.89	-2.03	54.0	-16.11	AV	313.00	150	Horizontal	Pass
5	7517.500	48.14	-2.03	74.0	-25.86	Peak	313.00	150	Horizontal	Pass
6**	10868.312	40.01	0.46	54.0	-13.99	AV	297.00	150	Horizontal	Pass
6	10868.312	50.28	0.46	74.0	-23.72	Peak	297.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1526.000	26.53	-17.11	54.0	-27.47	AV	250.00	150	Vertical	Pass
1	1526.000	37.83	-17.11	74.0	-36.17	Peak	250.00	150	Vertical	Pass
2**	3663.000	36.32	-5.95	54.0	-17.68	AV	8.00	150	Vertical	Pass
2	3663.000	46.37	-5.95	74.0	-27.63	Peak	8.00	150	Vertical	Pass
3**	4924.000	38.49	-3.41	54.0	-15.51	AV	164.00	150	Vertical	Pass
3	4924.000	49.95	-3.41	74.0	-24.05	Peak	164.00	150	Vertical	Pass
4**	5742.000	96.76	-2.23	--	96.76	AV	269.00	150	Vertical	N/A
4	5742.000	104.17	-2.23	--	-164.83	Peak	269.00	150	Vertical	N/A
5**	7613.813	37.58	-2.55	54.0	-16.42	AV	359.00	150	Vertical	Pass
5	7613.813	47.84	-2.55	74.0	-26.16	Peak	359.00	150	Vertical	Pass
6**	12357.562	40.35	1.63	54.0	-13.65	AV	180.00	150	Vertical	Pass
6	12357.562	50.84	1.63	74.0	-23.16	Peak	180.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1544.000	26.21	-17.40	54.0	-27.79	AV	240.00	150	Horizontal	Pass
1	1544.000	36.64	-17.40	74.0	-37.36	Peak	240.00	150	Horizontal	Pass
2**	2849.000	31.71	-10.40	54.0	-22.29	AV	18.00	150	Horizontal	Pass
2	2849.000	42.74	-10.40	74.0	-31.26	Peak	18.00	150	Horizontal	Pass
3**	3990.000	37.55	-3.91	54.0	-16.45	AV	197.00	150	Horizontal	Pass
3	3990.000	48.71	-3.91	74.0	-25.29	Peak	197.00	150	Horizontal	Pass
4**	5742.000	85.93	-2.23	--	85.93	AV	50.00	150	Horizontal	N/A
4	5742.000	92.84	-2.23	--	42.84	Peak	50.00	150	Horizontal	N/A
5**	7493.063	37.88	-2.55	54.0	-16.12	AV	361.00	150	Horizontal	Pass
5	7493.063	48.70	-2.55	74.0	-25.30	Peak	361.00	150	Horizontal	Pass
6**	15604.688	43.68	1.78	54.0	-10.32	AV	238.00	150	Horizontal	Pass
6	15604.688	53.65	1.78	74.0	-20.35	Peak	238.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1578.500	26.49	-17.49	54.0	-27.51	AV	319.00	150	Vertical	Pass
1	1578.500	37.16	-17.49	74.0	-36.84	Peak	319.00	150	Vertical	Pass
2**	3991.000	37.53	-3.95	54.0	-16.47	AV	0.00	150	Vertical	Pass
2	3991.000	46.77	-3.95	74.0	-27.23	Peak	0.00	150	Vertical	Pass
3**	4958.000	39.25	-2.60	54.0	-14.75	AV	174.00	150	Vertical	Pass
3	4958.000	51.48	-2.60	74.0	-22.52	Peak	174.00	150	Vertical	Pass
4**	5781.000	96.02	-1.89	--	96.02	AV	270.00	150	Vertical	N/A
4	5781.000	103.80	-1.89	--	-166.20	Peak	270.00	150	Vertical	N/A
5**	7521.812	37.77	-2.04	54.0	-16.23	AV	258.00	150	Vertical	Pass
5	7521.812	48.36	-2.04	74.0	-25.64	Peak	258.00	150	Vertical	Pass
6**	11278.000	39.78	0.57	54.0	-14.22	AV	361.00	150	Vertical	Pass
6	11278.000	51.11	0.57	74.0	-22.89	Peak	361.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1500.500	25.94	-17.50	54.0	-28.06	AV	0.00	150	Horizontal	Pass
1	1500.500	37.82	-17.50	74.0	-36.18	Peak	0.00	150	Horizontal	Pass
2**	2850.500	32.01	-10.38	54.0	-21.99	AV	360.00	150	Horizontal	Pass
2	2850.500	42.46	-10.38	74.0	-31.54	Peak	360.00	150	Horizontal	Pass
3**	3978.000	37.23	-4.70	54.0	-16.77	AV	322.00	150	Horizontal	Pass
3	3978.000	47.62	-4.70	74.0	-26.38	Peak	322.00	150	Horizontal	Pass
4**	5788.000	85.75	-1.98	--	85.75	AV	70.00	150	Horizontal	N/A
4	5788.000	92.07	-1.98	--	22.07	Peak	70.00	150	Horizontal	N/A
5**	8183.063	37.94	-1.89	54.0	-16.06	AV	189.00	150	Horizontal	Pass
5	8183.063	48.18	-1.89	74.0	-25.82	Peak	189.00	150	Horizontal	Pass
6**	12313.000	40.22	1.70	54.0	-13.78	AV	314.00	150	Horizontal	Pass
6	12313.000	51.92	1.70	74.0	-22.08	Peak	314.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1515.500	26.57	-17.30	54.0	-27.43	AV	59.00	150	Vertical	Pass
1	1515.500	36.70	-17.30	74.0	-37.30	Peak	59.00	150	Vertical	Pass
2**	3994.000	37.26	-3.86	54.0	-16.74	AV	318.00	150	Vertical	Pass
2	3994.000	47.23	-3.86	74.0	-26.77	Peak	318.00	150	Vertical	Pass
3**	4992.000	38.97	-3.10	54.0	-15.03	AV	174.00	150	Vertical	Pass
3	4992.000	51.12	-3.10	74.0	-22.88	Peak	174.00	150	Vertical	Pass
4**	5829.000	96.62	-1.74	--	96.62	AV	279.00	150	Vertical	N/A
4	5829.000	103.86	-1.74	--	-175.14	Peak	279.00	150	Vertical	N/A
5**	7526.125	37.79	-1.88	54.0	-16.21	AV	143.00	150	Vertical	Pass
5	7526.125	48.52	-1.88	74.0	-25.48	Peak	143.00	150	Vertical	Pass
6**	11270.813	39.66	0.36	54.0	-14.34	AV	106.00	150	Vertical	Pass
6	11270.813	50.45	0.36	74.0	-23.55	Peak	106.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1557.000	26.18	-17.61	54.0	-27.82	AV	0.00	150	Horizontal	Pass
1	1557.000	36.91	-17.61	74.0	-37.09	Peak	0.00	150	Horizontal	Pass
2**	2846.000	32.12	-10.33	54.0	-21.88	AV	354.00	150	Horizontal	Pass
2	2846.000	42.55	-10.33	74.0	-31.45	Peak	354.00	150	Horizontal	Pass
3**	3659.000	35.76	-6.29	54.0	-18.24	AV	323.00	150	Horizontal	Pass
3	3659.000	46.49	-6.29	74.0	-27.51	Peak	323.00	150	Horizontal	Pass
4**	5822.000	86.18	-2.14	--	86.18	AV	66.00	150	Horizontal	N/A
4	5822.000	92.15	-2.14	--	26.15	Peak	66.00	150	Horizontal	N/A
5**	7493.063	37.99	-2.55	54.0	-16.01	AV	61.00	150	Horizontal	Pass
5	7493.063	48.12	-2.55	74.0	-25.88	Peak	61.00	150	Horizontal	Pass
6**	12189.375	40.35	1.03	54.0	-13.65	AV	339.00	150	Horizontal	Pass
6	12189.375	51.39	1.03	74.0	-22.61	Peak	339.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1338.500	26.40	-17.20	54.0	-27.60	AV	124.00	150	Vertical	Pass
1	1338.500	36.81	-17.20	74.0	-37.19	Peak	124.00	150	Vertical	Pass
2**	3802.000	36.33	-5.14	54.0	-17.67	AV	85.00	150	Vertical	Pass
2	3802.000	46.49	-5.14	74.0	-27.51	Peak	85.00	150	Vertical	Pass
3**	4933.000	40.55	-2.99	54.0	-13.45	AV	294.00	150	Vertical	Pass
3	4933.000	50.91	-2.99	74.0	-23.09	Peak	294.00	150	Vertical	Pass
4**	5745.000	94.55	-2.34	--	94.55	AV	273.00	150	Vertical	N/A
4	5745.000	102.49	-2.34	--	-170.51	Peak	273.00	150	Vertical	N/A
5**	7352.187	37.12	-3.56	54.0	-16.88	AV	312.00	150	Vertical	Pass
5	7352.187	48.58	-3.56	74.0	-25.42	Peak	312.00	150	Vertical	Pass
6**	12356.125	40.81	1.65	54.0	-13.19	AV	275.00	150	Vertical	Pass
6	12356.125	50.68	1.65	74.0	-23.32	Peak	275.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1503.000	26.10	-17.37	54.0	-27.90	AV	336.00	150	Horizontal	Pass
1	1503.000	37.14	-17.37	74.0	-36.86	Peak	336.00	150	Horizontal	Pass
2**	2833.000	31.94	-10.02	54.0	-22.06	AV	316.00	150	Horizontal	Pass
2	2833.000	42.36	-10.02	74.0	-31.64	Peak	316.00	150	Horizontal	Pass
3**	3988.000	37.22	-3.91	54.0	-16.78	AV	72.00	150	Horizontal	Pass
3	3988.000	47.47	-3.91	74.0	-26.53	Peak	72.00	150	Horizontal	Pass
4**	5748.000	82.81	-2.18	--	82.81	AV	51.00	150	Horizontal	N/A
4	5748.000	89.43	-2.18	--	38.43	Peak	51.00	150	Horizontal	N/A
5**	7540.500	38.15	-1.50	54.0	-15.85	AV	129.00	150	Horizontal	Pass
5	7540.500	48.38	-1.50	74.0	-25.62	Peak	129.00	150	Horizontal	Pass
6**	15522.000	44.13	2.50	54.0	-9.87	AV	242.00	150	Horizontal	Pass
6	15522.000	54.53	2.50	74.0	-19.47	Peak	242.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2796.500	32.21	-10.41	54.0	-21.79	AV	65.00	150	Vertical	Pass
1	2796.500	43.63	-10.41	74.0	-30.37	Peak	65.00	150	Vertical	Pass
2**	3672.000	37.04	-5.02	54.0	-16.96	AV	359.00	150	Vertical	Pass
2	3672.000	46.43	-5.02	74.0	-27.57	Peak	359.00	150	Vertical	Pass
3**	4967.000	39.42	-2.70	54.0	-14.58	AV	275.00	150	Vertical	Pass
3	4967.000	51.84	-2.70	74.0	-22.16	Peak	275.00	150	Vertical	Pass
4**	5793.000	95.29	-1.94	--	95.29	AV	275.00	150	Vertical	N/A
4	5793.000	101.87	-1.94	--	-173.13	Peak	275.00	150	Vertical	N/A
5**	7503.125	37.97	-2.26	54.0	-16.03	AV	361.00	150	Vertical	Pass
5	7503.125	47.88	-2.26	74.0	-26.12	Peak	361.00	150	Vertical	Pass
6**	11776.812	39.67	1.43	54.0	-14.33	AV	160.00	150	Vertical	Pass
6	11776.812	50.29	1.43	74.0	-23.71	Peak	160.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1567.500	26.40	-17.40	54.0	-27.60	AV	299.00	150	Horizontal	Pass
1	1567.500	36.90	-17.40	74.0	-37.10	Peak	299.00	150	Horizontal	Pass
2**	2792.500	31.97	-10.49	54.0	-22.03	AV	161.00	150	Horizontal	Pass
2	2792.500	42.84	-10.49	74.0	-31.16	Peak	161.00	150	Horizontal	Pass
3**	3992.000	37.27	-3.84	54.0	-16.73	AV	82.00	150	Horizontal	Pass
3	3992.000	46.70	-3.84	74.0	-27.30	Peak	82.00	150	Horizontal	Pass
4**	5797.000	82.41	-1.94	--	82.41	AV	360.00	150	Horizontal	N/A
4	5797.000	91.42	-1.94	--	-268.58	Peak	360.00	150	Horizontal	N/A
5**	7537.625	37.97	-1.81	54.0	-16.03	AV	1.00	150	Horizontal	Pass
5	7537.625	47.75	-1.81	74.0	-26.25	Peak	1.00	150	Horizontal	Pass
6**	12062.875	39.94	1.24	54.0	-14.06	AV	220.00	150	Horizontal	Pass
6	12062.875	50.71	1.24	74.0	-23.29	Peak	220.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1484.000	26.57	-17.36	54.0	-27.43	AV	1.00	150	Vertical	Pass
1	1484.000	37.13	-17.36	74.0	-36.87	Peak	1.00	150	Vertical	Pass
2**	3672.000	36.97	-5.02	54.0	-17.03	AV	359.00	150	Vertical	Pass
2	3672.000	46.25	-5.02	74.0	-27.75	Peak	359.00	150	Vertical	Pass
3**	4924.000	38.79	-3.41	54.0	-15.21	AV	165.00	150	Vertical	Pass
3	4924.000	51.29	-3.41	74.0	-22.71	Peak	165.00	150	Vertical	Pass
4**	5749.000	97.42	-2.22	--	97.42	AV	187.00	150	Vertical	N/A
4	5749.000	103.75	-2.22	--	-83.25	Peak	187.00	150	Vertical	N/A
5**	7493.063	38.36	-2.55	54.0	-15.64	AV	76.00	150	Vertical	Pass
5	7493.063	48.39	-2.55	74.0	-25.61	Peak	76.00	150	Vertical	Pass
6**	11726.500	39.99	1.32	54.0	-14.01	AV	198.00	150	Vertical	Pass
6	11726.500	51.09	1.32	74.0	-22.91	Peak	198.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1521.500	26.47	-17.41	54.0	-27.53	AV	209.00	150	Horizontal	Pass
1	1521.500	37.21	-17.41	74.0	-36.79	Peak	209.00	150	Horizontal	Pass
2**	2826.000	32.27	-9.84	54.0	-21.73	AV	316.00	150	Horizontal	Pass
2	2826.000	42.61	-9.84	74.0	-31.39	Peak	316.00	150	Horizontal	Pass
3**	3999.000	37.04	-4.04	54.0	-16.96	AV	24.00	150	Horizontal	Pass
3	3999.000	47.81	-4.04	74.0	-26.19	Peak	24.00	150	Horizontal	Pass
4**	5741.000	85.51	-2.21	--	85.51	AV	46.00	150	Horizontal	N/A
4	5741.000	92.69	-2.21	--	46.69	Peak	46.00	150	Horizontal	N/A
5**	7485.875	37.71	-2.63	54.0	-16.29	AV	57.00	150	Horizontal	Pass
5	7485.875	48.89	-2.63	74.0	-25.11	Peak	57.00	150	Horizontal	Pass
6**	11874.562	40.15	1.70	54.0	-13.85	AV	96.00	150	Horizontal	Pass
6	11874.562	50.99	1.70	74.0	-23.01	Peak	96.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1495.000	26.44	-17.41	54.0	-27.56	AV	361.00	150	Vertical	Pass
1	1495.000	37.07	-17.41	74.0	-36.93	Peak	361.00	150	Vertical	Pass
2**	3672.000	37.16	-5.02	54.0	-16.84	AV	-1.00	150	Vertical	Pass
2	3672.000	46.98	-5.02	74.0	-27.02	Peak	-1.00	150	Vertical	Pass
3**	4959.000	44.10	-2.61	54.0	-9.90	AV	290.00	150	Vertical	Pass
3	4959.000	52.40	-2.61	74.0	-21.60	Peak	290.00	150	Vertical	Pass
4**	5782.000	96.61	-2.02	--	96.61	AV	268.00	150	Vertical	N/A
4	5782.000	103.61	-2.02	--	-164.39	Peak	268.00	150	Vertical	N/A
5**	7362.250	36.89	-3.68	54.0	-17.11	AV	2.00	150	Vertical	Pass
5	7362.250	48.35	-3.68	74.0	-25.65	Peak	2.00	150	Vertical	Pass
6**	11026.437	39.61	-0.20	54.0	-14.39	AV	359.00	150	Vertical	Pass
6	11026.437	50.39	-0.20	74.0	-23.61	Peak	359.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1527.500	26.44	-17.30	54.0	-27.56	AV	111.00	150	Horizontal	Pass
1	1527.500	36.54	-17.30	74.0	-37.46	Peak	111.00	150	Horizontal	Pass
2**	2759.500	31.55	-10.77	54.0	-22.45	AV	348.00	150	Horizontal	Pass
2	2759.500	42.39	-10.77	74.0	-31.61	Peak	348.00	150	Horizontal	Pass
3**	3984.000	37.27	-4.24	54.0	-16.73	AV	281.00	150	Horizontal	Pass
3	3984.000	47.19	-4.24	74.0	-26.81	Peak	281.00	150	Horizontal	Pass
4**	5789.000	85.77	-1.95	--	85.77	AV	61.00	150	Horizontal	N/A
4	5789.000	92.66	-1.95	--	31.66	Peak	61.00	150	Horizontal	N/A
5**	7530.438	38.00	-1.78	54.0	-16.00	AV	46.00	150	Horizontal	Pass
5	7530.438	48.03	-1.78	74.0	-25.97	Peak	46.00	150	Horizontal	Pass
6**	12008.250	40.24	1.44	54.0	-13.76	AV	361.00	150	Horizontal	Pass
6	12008.250	50.85	1.44	74.0	-23.15	Peak	361.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1570.500	26.39	-17.63	54.0	-27.61	AV	0.00	150	Vertical	Pass
1	1570.500	36.50	-17.63	74.0	-37.50	Peak	0.00	150	Vertical	Pass
2**	2796.500	32.18	-10.41	54.0	-21.82	AV	52.00	150	Vertical	Pass
2	2796.500	43.60	-10.41	74.0	-30.40	Peak	52.00	150	Vertical	Pass
3**	3994.000	37.00	-3.86	54.0	-17.00	AV	107.00	150	Vertical	Pass
3	3994.000	46.73	-3.86	74.0	-27.27	Peak	107.00	150	Vertical	Pass
4**	5824.000	93.07	-2.07	--	93.07	AV	-1.00	150	Vertical	N/A
4	5824.000	100.15	-2.07	--	101.15	Peak	-1.00	150	Vertical	N/A
5**	7340.687	37.25	-3.51	54.0	-16.75	AV	2.00	150	Vertical	Pass
5	7340.687	48.22	-3.51	74.0	-25.78	Peak	2.00	150	Vertical	Pass
6**	15516.750	43.97	2.44	54.0	-10.03	AV	54.00	150	Vertical	Pass
6	15516.750	54.85	2.44	74.0	-19.15	Peak	54.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1562.000	26.32	-17.34	54.0	-27.68	AV	110.00	150	Horizontal	Pass
1	1562.000	37.19	-17.34	74.0	-36.81	Peak	110.00	150	Horizontal	Pass
2**	2746.500	31.97	-10.61	54.0	-22.03	AV	14.00	150	Horizontal	Pass
2	2746.500	43.01	-10.61	74.0	-30.99	Peak	14.00	150	Horizontal	Pass
3**	3993.000	37.38	-3.74	54.0	-16.62	AV	337.00	150	Horizontal	Pass
3	3993.000	47.73	-3.74	74.0	-26.27	Peak	337.00	150	Horizontal	Pass
4**	5828.000	85.51	-1.85	--	85.51	AV	358.00	150	Horizontal	N/A
4	5828.000	92.72	-1.85	--	-265.28	Peak	358.00	150	Horizontal	N/A
5**	7421.188	38.08	-2.49	54.0	-15.92	AV	337.00	150	Horizontal	Pass
5	7421.188	48.84	-2.49	74.0	-25.16	Peak	337.00	150	Horizontal	Pass
6**	15620.437	43.62	2.62	54.0	-10.38	AV	227.00	150	Horizontal	Pass
6	15620.437	54.53	2.62	74.0	-19.47	Peak	227.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1571.500	26.29	-17.41	54.0	-27.71	AV	241.00	150	Vertical	Pass
1	1571.500	37.24	-17.41	74.0	-36.76	Peak	241.00	150	Vertical	Pass
2**	2257.500	30.33	-12.74	54.0	-23.67	AV	201.00	150	Vertical	Pass
2	2257.500	41.30	-12.74	74.0	-32.70	Peak	201.00	150	Vertical	Pass
3**	3988.000	37.18	-3.91	54.0	-16.82	AV	154.00	150	Vertical	Pass
3	3988.000	47.30	-3.91	74.0	-26.70	Peak	154.00	150	Vertical	Pass
4**	5748.000	94.05	-2.18	--	94.05	AV	286.00	150	Vertical	N/A
4	5748.000	102.39	-2.18	--	-183.61	Peak	286.00	150	Vertical	N/A
5**	7530.438	37.79	-1.78	54.0	-16.21	AV	84.00	150	Vertical	Pass
5	7530.438	48.25	-1.78	74.0	-25.75	Peak	84.00	150	Vertical	Pass
6**	11439.000	39.69	0.29	54.0	-14.31	AV	361.00	150	Vertical	Pass
6	11439.000	50.42	0.29	74.0	-23.58	Peak	361.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1512.500	26.63	-17.52	54.0	-27.37	AV	339.00	150	Horizontal	Pass
1	1512.500	36.78	-17.52	74.0	-37.22	Peak	339.00	150	Horizontal	Pass
2**	2830.000	32.00	-10.15	54.0	-22.00	AV	189.00	150	Horizontal	Pass
2	2830.000	42.95	-10.15	74.0	-31.05	Peak	189.00	150	Horizontal	Pass
3**	3982.000	37.59	-4.27	54.0	-16.41	AV	232.00	150	Horizontal	Pass
3	3982.000	47.05	-4.27	74.0	-26.95	Peak	232.00	150	Horizontal	Pass
4**	5762.000	82.30	-2.00	--	82.30	AV	0.00	150	Horizontal	N/A
4	5762.000	89.06	-2.00	--	89.06	Peak	0.00	150	Horizontal	N/A
5**	8129.875	37.28	-2.12	54.0	-16.72	AV	360.00	150	Horizontal	Pass
5	8129.875	48.77	-2.12	74.0	-25.23	Peak	360.00	150	Horizontal	Pass
6**	11736.563	39.98	1.23	54.0	-14.02	AV	154.00	150	Horizontal	Pass
6	11736.563	51.02	1.23	74.0	-22.98	Peak	154.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1553.000	26.10	-17.71	54.0	-27.90	AV	240.00	150	Vertical	Pass
1	1553.000	36.70	-17.71	74.0	-37.30	Peak	240.00	150	Vertical	Pass
2**	2275.500	30.53	-12.84	54.0	-23.47	AV	75.00	150	Vertical	Pass
2	2275.500	41.09	-12.84	74.0	-32.91	Peak	75.00	150	Vertical	Pass
3**	3987.000	37.37	-3.96	54.0	-16.63	AV	162.00	150	Vertical	Pass
3	3987.000	46.87	-3.96	74.0	-27.13	Peak	162.00	150	Vertical	Pass
4**	5802.000	94.94	-1.70	--	94.94	AV	279.00	150	Vertical	N/A
4	5802.000	102.20	-1.70	--	-176.80	Peak	279.00	150	Vertical	N/A
5**	7437.000	38.15	-2.53	54.0	-15.85	AV	226.00	150	Vertical	Pass
5	7437.000	48.51	-2.53	74.0	-25.49	Peak	226.00	150	Vertical	Pass
6**	12609.125	40.63	2.18	54.0	-13.37	AV	0.00	150	Vertical	Pass
6	12609.125	51.66	2.18	74.0	-22.34	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1406.500	25.84	-17.28	54.0	-28.16	AV	87.00	150	Horizontal	Pass
1	1406.500	37.01	-17.28	74.0	-36.99	Peak	87.00	150	Horizontal	Pass
2**	2233.000	30.49	-12.81	54.0	-23.51	AV	101.00	150	Horizontal	Pass
2	2233.000	42.19	-12.81	74.0	-31.81	Peak	101.00	150	Horizontal	Pass
3**	3994.000	36.92	-3.86	54.0	-17.08	AV	71.00	150	Horizontal	Pass
3	3994.000	46.78	-3.86	74.0	-27.22	Peak	71.00	150	Horizontal	Pass
4**	5805.000	82.90	-1.63	--	82.90	AV	360.00	150	Horizontal	N/A
4	5805.000	89.88	-1.63	--	-270.12	Peak	360.00	150	Horizontal	N/A
5**	8266.438	37.94	-1.48	54.0	-16.06	AV	230.00	150	Horizontal	Pass
5	8266.438	48.78	-1.48	74.0	-25.22	Peak	230.00	150	Horizontal	Pass
6**	11656.063	39.78	0.33	54.0	-14.22	AV	0.00	150	Horizontal	Pass
6	11656.063	50.37	0.33	74.0	-23.63	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1487.000	26.55	-17.47	54.0	-27.45	AV	85.00	150	Vertical	Pass
1	1487.000	36.64	-17.47	74.0	-37.36	Peak	85.00	150	Vertical	Pass
2**	2808.500	32.43	-9.87	54.0	-21.57	AV	359.00	150	Vertical	Pass
2	2808.500	42.72	-9.87	74.0	-31.28	Peak	359.00	150	Vertical	Pass
3**	3987.000	37.15	-3.96	54.0	-16.85	AV	360.00	150	Vertical	Pass
3	3987.000	47.69	-3.96	74.0	-26.31	Peak	360.00	150	Vertical	Pass
4**	5765.000	92.26	-1.99	--	92.26	AV	280.00	150	Vertical	N/A
4	5765.000	100.48	-1.99	--	-179.52	Peak	280.00	150	Vertical	N/A
5**	7543.375	37.98	-1.66	54.0	-16.02	AV	0.00	150	Vertical	Pass
5	7543.375	48.35	-1.66	74.0	-25.65	Peak	0.00	150	Vertical	Pass
6**	11052.313	39.21	-0.16	54.0	-14.79	AV	29.00	150	Vertical	Pass
6	11052.313	50.62	-0.16	74.0	-23.38	Peak	29.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1377.500	26.15	-17.28	54.0	-27.85	AV	139.00	150	Horizontal	Pass
1	1377.500	36.59	-17.28	74.0	-37.41	Peak	139.00	150	Horizontal	Pass
2**	2253.500	30.73	-12.58	54.0	-23.27	AV	361.00	150	Horizontal	Pass
2	2253.500	41.25	-12.58	74.0	-32.75	Peak	361.00	150	Horizontal	Pass
3**	3988.000	37.30	-3.91	54.0	-16.70	AV	52.00	150	Horizontal	Pass
3	3988.000	47.48	-3.91	74.0	-26.52	Peak	52.00	150	Horizontal	Pass
4**	5795.000	79.59	-1.88	--	79.59	AV	3.00	150	Horizontal	N/A
4	5795.000	87.03	-1.88	--	84.03	Peak	3.00	150	Horizontal	N/A
5**	8099.687	38.47	-1.37	54.0	-15.53	AV	291.00	150	Horizontal	Pass
5	8099.687	48.90	-1.37	74.0	-25.10	Peak	291.00	150	Horizontal	Pass
6**	12314.438	40.22	1.71	54.0	-13.78	AV	181.00	150	Horizontal	Pass
6	12314.438	51.13	1.71	74.0	-22.87	Peak	181.00	150	Horizontal	Pass

**ANT B**

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1477.500	29.63	-14.25	54.0	-24.37	AV	0.00	150	Vertical	Pass
1	1477.500	40.13	-14.25	74.0	-33.87	Peak	0.00	150	Vertical	Pass
2**	2792.000	37.62	-5.06	54.0	-16.38	AV	311.00	150	Vertical	Pass
2	2792.000	47.76	-5.06	74.0	-26.24	Peak	311.00	150	Vertical	Pass
3**	4222.000	43.51	2.15	54.0	-10.49	AV	239.00	150	Vertical	Pass
3	4222.000	53.87	2.15	74.0	-20.13	Peak	239.00	150	Vertical	Pass
4**	5176.000	104.52	8.33	--	104.52	AV	132.00	150	Vertical	N/A
4	5176.000	112.85	8.33	--	-19.15	Peak	132.00	150	Vertical	N/A
5**	8388.625	38.25	-0.91	54.0	-15.75	AV	211.00	150	Vertical	Pass
5	8388.625	49.17	-0.91	74.0	-24.83	Peak	211.00	150	Vertical	Pass
6**	12272.750	40.56	1.79	54.0	-13.44	AV	260.00	150	Vertical	Pass
6	12272.750	51.08	1.79	74.0	-22.92	Peak	260.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1472.500	29.64	-14.16	54.0	-24.36	AV	316.00	150	Horizontal	Pass
1	1472.500	40.40	-14.16	74.0	-33.60	Peak	316.00	150	Horizontal	Pass
2**	2235.000	34.80	-8.48	54.0	-19.20	AV	92.00	150	Horizontal	Pass
2	2235.000	45.03	-8.48	74.0	-28.97	Peak	92.00	150	Horizontal	Pass
3**	3910.000	42.77	1.49	54.0	-11.23	AV	187.00	150	Horizontal	Pass
3	3910.000	52.48	1.49	74.0	-21.52	Peak	187.00	150	Horizontal	Pass
4**	5183.000	96.82	8.38	--	96.82	AV	244.00	150	Horizontal	N/A
4	5183.000	103.35	8.38	--	-140.65	Peak	244.00	150	Horizontal	N/A
5**	7540.500	38.88	-1.50	54.0	-15.12	AV	265.00	150	Horizontal	Pass
5	7540.500	49.03	-1.50	74.0	-24.97	Peak	265.00	150	Horizontal	Pass
6**	11503.688	39.41	0.20	54.0	-14.59	AV	351.00	150	Horizontal	Pass
6	11503.688	50.77	0.20	74.0	-23.23	Peak	351.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1327.500	29.62	-13.99	54.0	-24.38	AV	98.00	150	Vertical	Pass
1	1327.500	39.99	-13.99	74.0	-34.01	Peak	98.00	150	Vertical	Pass
2**	2855.000	36.43	-5.41	54.0	-17.57	AV	65.00	150	Vertical	Pass
2	2855.000	48.40	-5.41	74.0	-25.60	Peak	65.00	150	Vertical	Pass
3**	3909.000	43.27	1.29	54.0	-10.73	AV	205.00	150	Vertical	Pass
3	3909.000	52.56	1.29	74.0	-21.44	Peak	205.00	150	Vertical	Pass
4**	5216.000	105.12	8.57	--	105.12	AV	131.00	150	Vertical	N/A
4	5216.000	112.52	8.57	--	-18.48	Peak	131.00	150	Vertical	N/A
5**	8211.812	37.97	-1.73	54.0	-16.03	AV	253.00	150	Vertical	Pass
5	8211.812	48.36	-1.73	74.0	-25.64	Peak	253.00	150	Vertical	Pass
6**	10851.063	39.37	0.85	54.0	-14.63	AV	72.00	150	Vertical	Pass
6	10851.063	50.72	0.85	74.0	-23.28	Peak	72.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1529.000	29.85	-14.10	54.0	-24.15	AV	341.00	150	Horizontal	Pass
1	1529.000	40.36	-14.10	74.0	-33.64	Peak	341.00	150	Horizontal	Pass
2**	2780.000	37.32	-5.44	54.0	-16.68	AV	112.00	150	Horizontal	Pass
2	2780.000	47.80	-5.44	74.0	-26.20	Peak	112.00	150	Horizontal	Pass
3**	3909.000	43.04	1.29	54.0	-10.96	AV	191.00	150	Horizontal	Pass
3	3909.000	52.44	1.29	74.0	-21.56	Peak	191.00	150	Horizontal	Pass
4**	5216.000	94.57	8.57	--	94.57	AV	239.00	150	Horizontal	N/A
4	5216.000	102.47	8.57	--	-136.53	Peak	239.00	150	Horizontal	Pass
5**	7490.187	38.01	-2.80	54.0	-15.99	AV	232.00	150	Horizontal	Pass
5	7490.187	48.22	-2.80	74.0	-25.78	Peak	232.00	150	Horizontal	Pass
6**	11286.625	39.74	0.61	54.0	-14.26	AV	360.00	150	Horizontal	Pass
6	11286.625	49.96	0.61	74.0	-24.04	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1586.000	29.92	-13.99	54.0	-24.08	AV	34.00	150	Vertical	Pass
1	1586.000	40.35	-13.99	74.0	-33.65	Peak	34.00	150	Vertical	Pass
2**	2852.000	36.63	-5.52	54.0	-17.37	AV	225.00	150	Vertical	Pass
2	2852.000	47.62	-5.52	74.0	-26.38	Peak	225.00	150	Vertical	Pass
3**	4217.000	44.31	2.67	54.0	-9.69	AV	247.00	150	Vertical	Pass
3	4217.000	53.69	2.67	74.0	-20.31	Peak	247.00	150	Vertical	Pass
4**	5245.000	105.31	8.62	--	105.31	AV	139.00	150	Vertical	N/A
4	5245.000	112.80	8.62	--	-26.20	Peak	139.00	150	Vertical	N/A
5**	8415.938	38.27	-0.75	54.0	-15.73	AV	141.00	150	Vertical	Pass
5	8415.938	49.50	-0.75	74.0	-24.50	Peak	141.00	150	Vertical	Pass
6**	11720.750	39.49	1.29	54.0	-14.51	AV	295.00	150	Vertical	Pass
6	11720.750	50.47	1.29	74.0	-23.53	Peak	295.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1551.000	30.39	-13.84	54.0	-23.61	AV	201.00	150	Horizontal	Pass
1	1551.000	40.44	-13.84	74.0	-33.56	Peak	201.00	150	Horizontal	Pass
2**	2795.000	37.27	-5.08	54.0	-16.73	AV	267.00	150	Horizontal	Pass
2	2795.000	47.80	-5.08	74.0	-26.20	Peak	267.00	150	Horizontal	Pass
3**	4226.000	43.35	1.53	54.0	-10.65	AV	274.00	150	Horizontal	Pass
3	4226.000	53.44	1.53	74.0	-20.56	Peak	274.00	150	Horizontal	Pass
4**	5244.000	93.95	8.62	--	93.95	AV	249.00	150	Horizontal	N/A
4	5244.000	101.03	8.62	--	-147.97	Peak	249.00	150	Horizontal	N/A
5**	7461.437	37.65	-3.05	54.0	-16.35	AV	298.00	150	Horizontal	Pass
5	7461.437	48.61	-3.05	74.0	-25.39	Peak	298.00	150	Horizontal	Pass
6**	12484.062	41.03	1.83	54.0	-12.97	AV	49.00	150	Horizontal	Pass
6	12484.062	51.14	1.83	74.0	-22.86	Peak	49.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1525.500	29.29	-14.26	54.0	-24.71	AV	61.00	150	Vertical	Pass
1	1525.500	40.54	-14.26	74.0	-33.46	Peak	61.00	150	Vertical	Pass
2**	2777.000	36.81	-5.76	54.0	-17.19	AV	0.00	150	Vertical	Pass
2	2777.000	47.58	-5.76	74.0	-26.42	Peak	0.00	150	Vertical	Pass
3**	4216.000	44.87	2.68	54.0	-9.13	AV	255.00	150	Vertical	Pass
3	4216.000	53.79	2.68	74.0	-20.21	Peak	255.00	150	Vertical	Pass
4**	5175.000	103.87	8.32	--	103.87	AV	126.00	150	Vertical	N/A
4	5175.000	112.55	8.32	--	-13.45	Peak	126.00	150	Vertical	N/A
5**	8177.312	37.62	-1.93	54.0	-16.38	AV	360.00	150	Vertical	Pass
5	8177.312	48.89	-1.93	74.0	-25.11	Peak	360.00	150	Vertical	Pass
6**	12055.687	40.39	1.37	54.0	-13.61	AV	256.00	150	Vertical	Pass
6	12055.687	50.49	1.37	74.0	-23.51	Peak	256.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1564.000	30.02	-13.63	54.0	-23.98	AV	193.00	150	Horizontal	Pass
1	1564.000	40.42	-13.63	74.0	-33.58	Peak	193.00	150	Horizontal	Pass
2**	2792.000	37.20	-5.06	54.0	-16.80	AV	50.00	150	Horizontal	Pass
2	2792.000	46.99	-5.06	74.0	-27.01	Peak	50.00	150	Horizontal	Pass
3**	4228.000	42.86	1.49	54.0	-11.14	AV	360.00	150	Horizontal	Pass
3	4228.000	53.64	1.49	74.0	-20.36	Peak	360.00	150	Horizontal	Pass
4**	5175.000	93.12	8.32	--	93.12	AV	255.00	150	Horizontal	N/A
4	5175.000	101.58	8.32	--	-153.42	Peak	255.00	150	Horizontal	N/A
5**	7330.625	37.60	-3.12	54.0	-16.40	AV	187.00	150	Horizontal	Pass
5	7330.625	48.41	-3.12	74.0	-25.59	Peak	187.00	150	Horizontal	Pass
6**	11279.438	39.88	0.61	54.0	-14.12	AV	140.00	150	Horizontal	Pass
6	11279.438	50.76	0.61	74.0	-23.24	Peak	140.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1517.500	29.65	-14.03	54.0	-24.35	AV	47.00	150	Vertical	Pass
1	1517.500	39.84	-14.03	74.0	-34.16	Peak	47.00	150	Vertical	Pass
2**	2799.500	36.38	-5.36	54.0	-17.62	AV	346.00	150	Vertical	Pass
2	2799.500	47.23	-5.36	74.0	-26.77	Peak	346.00	150	Vertical	Pass
3**	4219.000	44.21	2.54	54.0	-9.79	AV	284.00	150	Vertical	Pass
3	4219.000	54.33	2.54	74.0	-19.67	Peak	284.00	150	Vertical	Pass
4**	5216.000	105.32	8.57	--	105.32	AV	15.00	150	Vertical	N/A
4	5216.000	112.69	8.57	--	97.69	Peak	15.00	150	Vertical	N/A
5**	7541.938	38.08	-1.40	54.0	-15.92	AV	264.00	150	Vertical	Pass
5	7541.938	48.50	-1.40	74.0	-25.50	Peak	264.00	150	Vertical	Pass
6**	11377.188	39.40	-0.12	54.0	-14.60	AV	257.00	150	Vertical	Pass
6	11377.188	50.49	-0.12	74.0	-23.51	Peak	257.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1574.500	29.67	-13.97	54.0	-24.33	AV	293.00	150	Horizontal	Pass
1	1574.500	40.23	-13.97	74.0	-33.77	Peak	293.00	150	Horizontal	Pass
2**	2782.500	37.22	-5.29	54.0	-16.78	AV	160.00	150	Horizontal	Pass
2	2782.500	47.13	-5.29	74.0	-26.87	Peak	160.00	150	Horizontal	Pass
3**	4218.000	44.24	2.65	54.0	-9.76	AV	165.00	150	Horizontal	Pass
3	4218.000	54.27	2.65	74.0	-19.73	Peak	165.00	150	Horizontal	Pass
4**	5222.000	93.53	8.57	--	93.53	AV	216.00	150	Horizontal	N/A
4	5222.000	100.66	8.57	--	-115.34	Peak	216.00	150	Horizontal	N/A
5**	8289.438	37.87	-0.90	54.0	-16.13	AV	159.00	150	Horizontal	Pass
5	8289.438	48.78	-0.90	74.0	-25.22	Peak	159.00	150	Horizontal	Pass
6**	15570.562	43.37	2.61	54.0	-10.63	AV	131.00	150	Horizontal	Pass
6	15570.562	54.98	2.61	74.0	-19.02	Peak	131.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1526.500	29.46	-14.22	54.0	-24.54	AV	194.00	150	Vertical	Pass
1	1526.500	40.32	-14.22	74.0	-33.68	Peak	194.00	150	Vertical	Pass
2**	2813.500	37.23	-5.22	54.0	-16.77	AV	123.00	150	Vertical	Pass
2	2813.500	47.39	-5.22	74.0	-26.61	Peak	123.00	150	Vertical	Pass
3**	4219.000	44.08	2.54	54.0	-9.92	AV	105.00	150	Vertical	Pass
3	4219.000	53.67	2.54	74.0	-20.33	Peak	105.00	150	Vertical	Pass
4**	5236.000	104.69	8.58	--	104.69	AV	135.00	150	Vertical	N/A
4	5236.000	112.04	8.58	--	-22.96	Peak	135.00	150	Vertical	N/A
5**	7544.813	37.87	-1.67	54.0	-16.13	AV	159.00	150	Vertical	Pass
5	7544.813	48.37	-1.67	74.0	-25.63	Peak	159.00	150	Vertical	Pass
6**	12238.250	40.52	1.44	54.0	-13.48	AV	274.00	150	Vertical	Pass
6	12238.250	51.46	1.44	74.0	-22.54	Peak	274.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1515.500	29.77	-14.03	54.0	-24.23	AV	279.00	150	Horizontal	Pass
1	1515.500	40.28	-14.03	74.0	-33.72	Peak	279.00	150	Horizontal	Pass
2**	2865.000	37.92	-5.06	54.0	-16.08	AV	124.00	150	Horizontal	Pass
2	2865.000	48.30	-5.06	74.0	-25.70	Peak	124.00	150	Horizontal	Pass
3**	3915.000	43.13	1.92	54.0	-10.87	AV	298.00	150	Horizontal	Pass
3	3915.000	52.76	1.92	74.0	-21.24	Peak	298.00	150	Horizontal	Pass
4**	5241.000	93.03	8.61	--	93.03	AV	243.00	150	Horizontal	N/A
4	5241.000	99.95	8.61	--	-143.05	Peak	243.00	150	Horizontal	N/A
5**	7533.313	37.70	-1.65	54.0	-16.30	AV	232.00	150	Horizontal	Pass
5	7533.313	48.21	-1.65	74.0	-25.79	Peak	232.00	150	Horizontal	Pass
6**	12248.313	39.93	1.24	54.0	-14.07	AV	296.00	150	Horizontal	Pass
6	12248.313	50.67	1.24	74.0	-23.33	Peak	296.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1545.500	29.86	-13.87	54.0	-24.14	AV	259.00	150	Vertical	Pass
1	1545.500	39.93	-13.87	74.0	-34.07	Peak	259.00	150	Vertical	Pass
2**	2786.000	37.73	-5.03	54.0	-16.27	AV	136.00	150	Vertical	Pass
2	2786.000	47.94	-5.03	74.0	-26.06	Peak	136.00	150	Vertical	Pass
3**	3908.000	42.78	1.09	54.0	-11.22	AV	284.00	150	Vertical	Pass
3	3908.000	53.29	1.09	74.0	-20.71	Peak	284.00	150	Vertical	Pass
4**	5182.000	103.44	8.37	--	103.44	AV	133.00	150	Vertical	N/A
4	5182.000	109.85	8.37	--	-23.15	Peak	133.00	150	Vertical	N/A
5**	7543.375	37.97	-1.66	54.0	-16.03	AV	176.00	150	Vertical	Pass
5	7543.375	49.07	-1.66	74.0	-24.93	Peak	176.00	150	Vertical	Pass
6**	12239.688	40.47	1.41	54.0	-13.53	AV	141.00	150	Vertical	Pass
6	12239.688	51.43	1.41	74.0	-22.57	Peak	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1536.500	29.81	-13.97	54.0	-24.19	AV	129.00	150	Horizontal	Pass
1	1536.500	40.13	-13.97	74.0	-33.87	Peak	129.00	150	Horizontal	Pass
2**	2793.500	37.25	-5.05	54.0	-16.75	AV	58.00	150	Horizontal	Pass
2	2793.500	47.45	-5.05	74.0	-26.55	Peak	58.00	150	Horizontal	Pass
3**	3913.000	43.24	1.90	54.0	-10.76	AV	248.00	150	Horizontal	Pass
3	3913.000	52.38	1.90	74.0	-21.62	Peak	248.00	150	Horizontal	Pass
4**	5179.000	91.39	8.35	--	91.39	AV	256.00	150	Horizontal	N/A
4	5179.000	98.11	8.35	--	-157.89	Peak	256.00	150	Horizontal	N/A
5**	7495.938	38.16	-2.54	54.0	-15.84	AV	53.00	150	Horizontal	Pass
5	7495.938	48.35	-2.54	74.0	-25.65	Peak	53.00	150	Horizontal	Pass
6**	12038.438	39.98	1.18	54.0	-14.02	AV	218.00	150	Horizontal	Pass
6	12038.438	50.99	1.18	74.0	-23.01	Peak	218.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1462.000	29.35	-14.17	54.0	-24.65	AV	352.00	150	Vertical	Pass
1	1462.000	40.55	-14.17	74.0	-33.45	Peak	352.00	150	Vertical	Pass
2**	2788.500	37.32	-5.11	54.0	-16.68	AV	237.00	150	Vertical	Pass
2	2788.500	48.75	-5.11	74.0	-25.25	Peak	237.00	150	Vertical	Pass
3**	4210.000	43.53	1.90	54.0	-10.47	AV	38.00	150	Vertical	Pass
3	4210.000	54.17	1.90	74.0	-19.83	Peak	38.00	150	Vertical	Pass
4**	5226.000	102.97	8.57	--	102.97	AV	133.00	150	Vertical	N/A
4	5226.000	110.26	8.57	--	-22.74	Peak	133.00	150	Vertical	N/A
5**	8223.312	37.87	-1.43	54.0	-16.13	AV	321.00	150	Vertical	Pass
5	8223.312	48.32	-1.43	74.0	-25.68	Peak	321.00	150	Vertical	Pass
6**	11302.438	39.66	0.65	54.0	-14.34	AV	360.00	150	Vertical	Pass
6	11302.438	50.38	0.65	74.0	-23.62	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1375.500	29.53	-14.15	54.0	-24.47	AV	69.00	150	Horizontal	Pass
1	1375.500	39.60	-14.15	74.0	-34.40	Peak	69.00	150	Horizontal	Pass
2**	2703.000	37.33	-5.58	54.0	-16.67	AV	326.00	150	Horizontal	Pass
2	2703.000	48.55	-5.58	74.0	-25.45	Peak	326.00	150	Horizontal	Pass
3**	4214.000	44.11	2.44	54.0	-9.89	AV	357.00	150	Horizontal	Pass
3	4214.000	53.65	2.44	74.0	-20.35	Peak	357.00	150	Horizontal	Pass
4**	5219.000	89.97	8.57	--	89.97	AV	243.00	150	Horizontal	N/A
4	5219.000	97.80	8.57	--	-145.20	Peak	243.00	150	Horizontal	N/A
5**	7419.750	38.13	-2.45	54.0	-15.87	AV	162.00	150	Horizontal	Pass
5	7419.750	48.49	-2.45	74.0	-25.51	Peak	162.00	150	Horizontal	Pass
6**	11554.000	39.78	-0.10	54.0	-14.22	AV	329.00	150	Horizontal	Pass
6	11554.000	51.07	-0.10	74.0	-22.93	Peak	329.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1159.000	27.55	-15.12	54.0	-26.45	AV	29.00	150	Vertical	Pass
1	1159.000	41.31	-15.12	74.0	-32.69	Peak	29.00	150	Vertical	Pass
2**	2785.000	37.89	-5.08	54.0	-16.11	AV	0.00	150	Vertical	Pass
2	2785.000	47.16	-5.08	74.0	-26.84	Peak	0.00	150	Vertical	Pass
3**	3915.000	43.79	1.92	54.0	-10.21	AV	327.00	150	Vertical	Pass
3	3915.000	53.43	1.92	74.0	-20.57	Peak	327.00	150	Vertical	Pass
4**	5182.000	105.53	8.37	--	105.53	AV	138.00	150	Vertical	N/A
4	5182.000	112.11	8.37	--	-25.89	Peak	138.00	150	Vertical	N/A
5**	7368.000	37.04	-3.77	54.0	-16.96	AV	236.00	150	Vertical	Pass
5	7368.000	48.54	-3.77	74.0	-25.46	Peak	236.00	150	Vertical	Pass
6**	15573.188	43.04	2.61	54.0	-10.96	AV	139.00	150	Vertical	Pass
6	15573.188	54.47	2.61	74.0	-19.53	Peak	139.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1574.000	29.49	-14.02	54.0	-24.51	AV	122.00	150	Horizontal	Pass
1	1574.000	40.76	-14.02	74.0	-33.24	Peak	122.00	150	Horizontal	Pass
2**	2795.000	37.15	-5.08	54.0	-16.85	AV	315.00	150	Horizontal	Pass
2	2795.000	47.43	-5.08	74.0	-26.57	Peak	315.00	150	Horizontal	Pass
3**	3915.000	43.15	1.92	54.0	-10.85	AV	344.00	150	Horizontal	Pass
3	3915.000	53.17	1.92	74.0	-20.83	Peak	344.00	150	Horizontal	Pass
4**	5176.000	94.99	8.33	--	94.99	AV	225.00	150	Horizontal	N/A
4	5176.000	102.12	8.33	--	-122.88	Peak	225.00	150	Horizontal	N/A
5**	7543.375	37.70	-1.66	54.0	-16.30	AV	275.00	150	Horizontal	Pass
5	7543.375	47.87	-1.66	74.0	-26.13	Peak	275.00	150	Horizontal	Pass
6**	10829.500	40.17	0.95	54.0	-13.83	AV	16.00	150	Horizontal	Pass
6	10829.500	50.64	0.95	74.0	-23.36	Peak	16.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1537.000	29.97	-13.99	54.0	-24.03	AV	360.00	150	Vertical	Pass
1	1537.000	40.10	-13.99	74.0	-33.90	Peak	360.00	150	Vertical	Pass
2**	2787.000	37.69	-5.07	54.0	-16.31	AV	68.00	150	Vertical	Pass
2	2787.000	47.48	-5.07	74.0	-26.52	Peak	68.00	150	Vertical	Pass
3**	3916.000	42.59	1.77	54.0	-11.41	AV	22.00	150	Vertical	Pass
3	3916.000	52.83	1.77	74.0	-21.17	Peak	22.00	150	Vertical	Pass
4**	5224.000	105.97	8.57	--	105.97	AV	10.00	150	Vertical	N/A
4	5224.000	112.11	8.57	--	102.11	Peak	10.00	150	Vertical	N/A
5**	7345.000	37.62	-3.39	54.0	-16.38	AV	43.00	150	Vertical	Pass
5	7345.000	48.10	-3.39	74.0	-25.90	Peak	43.00	150	Vertical	Pass
6**	15565.312	43.49	2.58	54.0	-10.51	AV	85.00	150	Vertical	Pass
6	15565.312	54.39	2.58	74.0	-19.61	Peak	85.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1523.000	29.58	-14.29	54.0	-24.42	AV	96.00	150	Horizontal	Pass
1	1523.000	40.32	-14.29	74.0	-33.68	Peak	96.00	150	Horizontal	Pass
2**	2800.000	36.78	-5.38	54.0	-17.22	AV	18.00	150	Horizontal	Pass
2	2800.000	47.11	-5.38	74.0	-26.89	Peak	18.00	150	Horizontal	Pass
3**	3917.000	42.61	1.63	54.0	-11.39	AV	93.00	150	Horizontal	Pass
3	3917.000	52.50	1.63	74.0	-21.50	Peak	93.00	150	Horizontal	Pass
4**	5215.000	92.47	8.56	--	92.47	AV	240.00	150	Horizontal	N/A
4	5215.000	100.48	8.56	--	-139.52	Peak	240.00	150	Horizontal	N/A
5**	7549.125	38.17	-1.58	54.0	-15.83	AV	111.00	150	Horizontal	Pass
5	7549.125	48.69	-1.58	74.0	-25.31	Peak	111.00	150	Horizontal	Pass
6**	11666.125	40.11	0.55	54.0	-13.89	AV	111.00	150	Horizontal	Pass
6	11666.125	50.95	0.55	74.0	-23.05	Peak	111.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1577.500	29.57	-14.05	54.0	-24.43	AV	172.00	150	Vertical	Pass
1	1577.500	40.39	-14.05	74.0	-33.61	Peak	172.00	150	Vertical	Pass
2**	2864.500	37.92	-5.04	54.0	-16.08	AV	0.00	150	Vertical	Pass
2	2864.500	47.80	-5.04	74.0	-26.20	Peak	0.00	150	Vertical	Pass
3**	3907.000	42.60	0.88	54.0	-11.40	AV	320.00	150	Vertical	Pass
3	3907.000	52.69	0.88	74.0	-21.31	Peak	320.00	150	Vertical	Pass
4**	5243.000	104.95	8.62	--	104.95	AV	11.00	150	Vertical	N/A
4	5243.000	112.03	8.62	--	101.03	Peak	11.00	150	Vertical	N/A
5**	7488.750	38.07	-2.82	54.0	-15.93	AV	92.00	150	Vertical	Pass
5	7488.750	48.26	-2.82	74.0	-25.74	Peak	92.00	150	Vertical	Pass
6**	11960.813	39.67	1.05	54.0	-14.33	AV	214.00	150	Vertical	Pass
6	11960.813	51.36	1.05	74.0	-22.64	Peak	214.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1483.500	29.47	-14.19	54.0	-24.53	AV	190.00	150	Horizontal	Pass
1	1483.500	39.89	-14.19	74.0	-34.11	Peak	190.00	150	Horizontal	Pass
2**	2791.500	37.87	-5.06	54.0	-16.13	AV	211.00	150	Horizontal	Pass
2	2791.500	47.15	-5.06	74.0	-26.85	Peak	211.00	150	Horizontal	Pass
3**	4201.000	42.71	1.40	54.0	-11.29	AV	195.00	150	Horizontal	Pass
3	4201.000	53.97	1.40	74.0	-20.03	Peak	195.00	150	Horizontal	Pass
4**	5241.000	91.92	8.61	--	91.92	AV	240.00	150	Horizontal	N/A
4	5241.000	100.04	8.61	--	-139.96	Peak	240.00	150	Horizontal	N/A
5**	7665.563	37.30	-2.45	54.0	-16.70	AV	322.00	150	Horizontal	Pass
5	7665.563	48.83	-2.45	74.0	-25.17	Peak	322.00	150	Horizontal	Pass
6**	15615.188	43.38	2.39	54.0	-10.62	AV	209.00	150	Horizontal	Pass
6	15615.188	54.18	2.39	74.0	-19.82	Peak	209.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1470.500	29.70	-13.95	54.0	-24.30	AV	0.00	150	Vertical	Pass
1	1470.500	40.75	-13.95	74.0	-33.25	Peak	0.00	150	Vertical	Pass
2**	2791.000	37.87	-5.05	54.0	-16.13	AV	19.00	150	Vertical	Pass
2	2791.000	47.82	-5.05	74.0	-26.18	Peak	19.00	150	Vertical	Pass
3**	3911.000	43.00	1.65	54.0	-11.00	AV	215.00	150	Vertical	Pass
3	3911.000	52.76	1.65	74.0	-21.24	Peak	215.00	150	Vertical	Pass
4**	5177.000	99.96	8.34	--	99.96	AV	136.00	150	Vertical	N/A
4	5177.000	110.99	8.34	--	-25.01	Peak	136.00	150	Vertical	N/A
5**	7347.875	38.08	-3.35	54.0	-15.92	AV	209.00	150	Vertical	Pass
5	7347.875	48.97	-3.35	74.0	-25.03	Peak	209.00	150	Vertical	Pass
6**	12346.063	40.40	1.86	54.0	-13.60	AV	356.00	150	Vertical	Pass
6	12346.063	50.94	1.86	74.0	-23.06	Peak	356.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1498.000	29.45	-14.27	54.0	-24.55	AV	266.00	150	Horizontal	Pass
1	1498.000	40.15	-14.27	74.0	-33.85	Peak	266.00	150	Horizontal	Pass
2**	2809.500	36.40	-5.74	54.0	-17.60	AV	138.00	150	Horizontal	Pass
2	2809.500	47.84	-5.74	74.0	-26.16	Peak	138.00	150	Horizontal	Pass
3**	4210.000	43.78	1.90	54.0	-10.22	AV	279.00	150	Horizontal	Pass
3	4210.000	54.49	1.90	74.0	-19.51	Peak	279.00	150	Horizontal	Pass
4**	5180.000	91.89	8.36	--	91.89	AV	232.00	150	Horizontal	N/A
4	5180.000	98.43	8.36	--	-133.57	Peak	232.00	150	Horizontal	N/A
5**	7513.187	37.63	-2.23	54.0	-16.37	AV	107.00	150	Horizontal	Pass
5	7513.187	48.21	-2.23	74.0	-25.79	Peak	107.00	150	Horizontal	Pass
6**	12268.438	40.63	1.62	54.0	-13.37	AV	133.00	150	Horizontal	Pass
6	12268.438	50.95	1.62	74.0	-23.05	Peak	133.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1487.500	29.82	-14.07	54.0	-24.18	AV	322.00	150	Vertical	Pass
1	1487.500	41.37	-14.07	74.0	-32.63	Peak	322.00	150	Vertical	Pass
2**	2781.000	37.36	-5.39	54.0	-16.64	AV	360.00	150	Vertical	Pass
2	2781.000	48.10	-5.39	74.0	-25.90	Peak	360.00	150	Vertical	Pass
3**	4218.000	44.44	2.65	54.0	-9.56	AV	340.00	150	Vertical	Pass
3	4218.000	53.64	2.65	74.0	-20.36	Peak	340.00	150	Vertical	Pass
4**	5221.000	102.77	8.57	--	102.77	AV	139.00	150	Vertical	N/A
4	5221.000	110.44	8.57	--	-28.56	Peak	139.00	150	Vertical	N/A
5**	7530.438	38.06	-1.78	54.0	-15.94	AV	90.00	150	Vertical	Pass
5	7530.438	48.15	-1.78	74.0	-25.85	Peak	90.00	150	Vertical	Pass
6**	11733.687	39.92	1.26	54.0	-14.08	AV	321.00	150	Vertical	Pass
6	11733.687	51.23	1.26	74.0	-22.77	Peak	321.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1570.000	29.90	-14.15	54.0	-24.10	AV	170.00	150	Horizontal	Pass
1	1570.000	40.33	-14.15	74.0	-33.67	Peak	170.00	150	Horizontal	Pass
2**	2817.000	37.07	-5.06	54.0	-16.93	AV	54.00	150	Horizontal	Pass
2	2817.000	47.27	-5.06	74.0	-26.73	Peak	54.00	150	Horizontal	Pass
3**	3911.000	43.29	1.65	54.0	-10.71	AV	3.00	150	Horizontal	Pass
3	3911.000	53.34	1.65	74.0	-20.66	Peak	3.00	150	Horizontal	Pass
4**	5223.000	89.99	8.57	--	89.99	AV	260.00	150	Horizontal	N/A
4	5223.000	97.58	8.57	--	-162.42	Peak	260.00	150	Horizontal	N/A
5**	7514.625	38.03	-2.00	54.0	-15.97	AV	228.00	150	Horizontal	Pass
5	7514.625	48.37	-2.00	74.0	-25.63	Peak	228.00	150	Horizontal	Pass
6**	11282.312	39.48	0.62	54.0	-14.52	AV	155.00	150	Horizontal	Pass
6	11282.312	50.43	0.62	74.0	-23.57	Peak	155.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1537.500	29.42	-14.04	54.0	-24.58	AV	0.00	150	Vertical	Pass
1	1537.500	39.87	-14.04	74.0	-34.13	Peak	0.00	150	Vertical	Pass
2**	2793.000	37.55	-5.06	54.0	-16.45	AV	282.00	150	Vertical	Pass
2	2793.000	47.78	-5.06	74.0	-26.22	Peak	282.00	150	Vertical	Pass
3**	4220.000	43.91	2.40	54.0	-10.09	AV	22.00	150	Vertical	Pass
3	4220.000	54.11	2.40	74.0	-19.89	Peak	22.00	150	Vertical	Pass
4**	5206.000	98.93	8.58	--	98.93	AV	132.00	150	Vertical	N/A
4	5206.000	107.87	8.58	--	-24.13	Peak	132.00	150	Vertical	N/A
5**	7543.375	37.99	-1.66	54.0	-16.01	AV	9.00	150	Vertical	Pass
5	7543.375	47.66	-1.66	74.0	-26.34	Peak	9.00	150	Vertical	Pass
6**	12041.312	40.28	1.22	54.0	-13.72	AV	97.00	150	Vertical	Pass
6	12041.312	50.84	1.22	74.0	-23.16	Peak	97.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1581.000	29.25	-13.99	54.0	-24.75	AV	253.00	150	Horizontal	Pass
1	1581.000	39.99	-13.99	74.0	-34.01	Peak	253.00	150	Horizontal	Pass
2**	2819.000	36.90	-5.22	54.0	-17.10	AV	347.00	150	Horizontal	Pass
2	2819.000	49.29	-5.22	74.0	-24.71	Peak	347.00	150	Horizontal	Pass
3**	4214.000	44.03	2.44	54.0	-9.97	AV	360.00	150	Horizontal	Pass
3	4214.000	54.48	2.44	74.0	-19.52	Peak	360.00	150	Horizontal	Pass
4**	5198.000	90.01	8.50	--	90.01	AV	271.00	150	Horizontal	N/A
4	5198.000	97.51	8.50	--	-173.49	Peak	271.00	150	Horizontal	N/A
5**	7564.938	37.66	-2.19	54.0	-16.34	AV	360.00	150	Horizontal	Pass
5	7564.938	48.07	-2.19	74.0	-25.93	Peak	360.00	150	Horizontal	Pass
6**	15814.688	43.05	2.52	54.0	-10.95	AV	243.00	150	Horizontal	Pass
6	15814.688	53.85	2.52	74.0	-20.15	Peak	243.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1206.500	28.52	-14.84	54.0	-25.48	AV	184.00	150	Vertical	Pass
1	1206.500	42.02	-14.84	74.0	-31.98	Peak	184.00	150	Vertical	Pass
2**	2795.500	37.39	-5.12	54.0	-16.61	AV	34.00	150	Vertical	Pass
2	2795.500	47.08	-5.12	74.0	-26.92	Peak	34.00	150	Vertical	Pass
3**	4216.000	44.83	2.68	54.0	-9.17	AV	280.00	150	Vertical	Pass
3	4216.000	53.21	2.68	74.0	-20.79	Peak	280.00	150	Vertical	Pass
4**	5258.000	105.88	8.73	--	105.88	AV	130.00	150	Vertical	N/A
4	5258.000	113.04	8.73	--	-16.96	Peak	130.00	150	Vertical	Pass
5**	7570.687	37.18	-2.55	54.0	-16.82	AV	275.00	150	Vertical	Pass
5	7570.687	47.90	-2.55	74.0	-26.10	Peak	275.00	150	Vertical	Pass
6**	12275.625	40.53	1.90	54.0	-13.47	AV	199.00	150	Vertical	Pass
6	12275.625	51.05	1.90	74.0	-22.95	Peak	199.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1481.500	30.07	-14.24	54.0	-23.93	AV	66.00	150	Horizontal	Pass
1	1481.500	40.28	-14.24	74.0	-33.72	Peak	66.00	150	Horizontal	Pass
2**	2785.000	37.44	-5.08	54.0	-16.56	AV	66.00	150	Horizontal	Pass
2	2785.000	48.25	-5.08	74.0	-25.75	Peak	66.00	150	Horizontal	Pass
3**	4216.000	44.09	2.68	54.0	-9.91	AV	37.00	150	Horizontal	Pass
3	4216.000	53.47	2.68	74.0	-20.53	Peak	37.00	150	Horizontal	Pass
4**	5264.000	93.51	8.76	--	93.51	AV	264.00	150	Horizontal	N/A
4	5264.000	100.53	8.76	--	-163.47	Peak	264.00	150	Horizontal	N/A
5**	7546.250	37.80	-1.56	54.0	-16.20	AV	0.00	150	Horizontal	Pass
5	7546.250	47.88	-1.56	74.0	-26.12	Peak	0.00	150	Horizontal	Pass
6**	11909.063	40.43	1.92	54.0	-13.57	AV	117.00	150	Horizontal	Pass
6	11909.063	50.76	1.92	74.0	-23.24	Peak	117.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1526.500	29.69	-14.22	54.0	-24.31	AV	213.00	150	Vertical	Pass
1	1526.500	40.28	-14.22	74.0	-33.72	Peak	213.00	150	Vertical	Pass
2**	2817.000	37.01	-5.06	54.0	-16.99	AV	51.00	150	Vertical	Pass
2	2817.000	47.79	-5.06	74.0	-26.21	Peak	51.00	150	Vertical	Pass
3**	3914.000	43.31	1.97	54.0	-10.69	AV	334.00	150	Vertical	Pass
3	3914.000	52.76	1.97	74.0	-21.24	Peak	334.00	150	Vertical	Pass
4**	5296.000	104.63	9.00	--	104.63	AV	133.00	150	Vertical	N/A
4	5296.000	111.99	9.00	--	-21.01	Peak	133.00	150	Vertical	N/A
5**	7552.000	38.14	-1.82	54.0	-15.86	AV	216.00	150	Vertical	Pass
5	7552.000	48.01	-1.82	74.0	-25.99	Peak	216.00	150	Vertical	Pass
6**	15775.313	43.06	1.84	54.0	-10.94	AV	215.00	150	Vertical	Pass
6	15775.313	53.99	1.84	74.0	-20.01	Peak	215.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1490.000	29.82	-14.09	54.0	-24.18	AV	119.00	150	Horizontal	Pass
1	1490.000	40.26	-14.09	74.0	-33.74	Peak	119.00	150	Horizontal	Pass
2**	2859.500	37.34	-5.16	54.0	-16.66	AV	106.00	150	Horizontal	Pass
2	2859.500	48.31	-5.16	74.0	-25.69	Peak	106.00	150	Horizontal	Pass
3**	4211.000	44.06	2.03	54.0	-9.94	AV	219.00	150	Horizontal	Pass
3	4211.000	53.52	2.03	74.0	-20.48	Peak	219.00	150	Horizontal	Pass
4**	5301.000	90.68	8.96	--	90.68	AV	61.00	150	Horizontal	N/A
4	5301.000	98.52	8.96	--	37.52	Peak	61.00	150	Horizontal	N/A
5**	8221.875	37.90	-1.52	54.0	-16.10	AV	133.00	150	Horizontal	Pass
5	8221.875	48.99	-1.52	74.0	-25.01	Peak	133.00	150	Horizontal	Pass
6**	11953.625	39.90	1.36	54.0	-14.10	AV	164.00	150	Horizontal	Pass
6	11953.625	51.15	1.36	74.0	-22.85	Peak	164.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1552.500	30.06	-13.80	54.0	-23.94	AV	29.00	150	Vertical	Pass
1	1552.500	40.15	-13.80	74.0	-33.85	Peak	29.00	150	Vertical	Pass
2**	2859.500	37.63	-5.16	54.0	-16.37	AV	0.00	150	Vertical	Pass
2	2859.500	48.51	-5.16	74.0	-25.49	Peak	0.00	150	Vertical	Pass
3**	4217.000	44.24	2.67	54.0	-9.76	AV	150.00	150	Vertical	Pass
3	4217.000	54.11	2.67	74.0	-19.89	Peak	150.00	150	Vertical	Pass
4**	5323.000	106.03	9.19	--	106.03	AV	128.00	150	Vertical	N/A
4	5323.000	112.72	9.19	--	-15.28	Peak	128.00	150	Vertical	N/A
5**	7540.500	38.98	-1.50	54.0	-15.02	AV	0.00	150	Vertical	Pass
5	7540.500	47.70	-1.50	74.0	-26.30	Peak	0.00	150	Vertical	Pass
6**	11901.875	40.81	2.17	54.0	-13.19	AV	301.00	150	Vertical	Pass
6	11901.875	50.75	2.17	74.0	-23.25	Peak	301.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1577.000	29.09	-14.06	54.0	-24.91	AV	193.00	150	Horizontal	Pass
1	1577.000	40.36	-14.06	74.0	-33.64	Peak	193.00	150	Horizontal	Pass
2**	2863.000	37.87	-5.27	54.0	-16.13	AV	133.00	150	Horizontal	Pass
2	2863.000	47.55	-5.27	74.0	-26.45	Peak	133.00	150	Horizontal	Pass
3**	4215.000	44.85	2.56	54.0	-9.15	AV	197.00	150	Horizontal	Pass
3	4215.000	55.48	2.56	74.0	-18.52	Peak	197.00	150	Horizontal	Pass
4**	5323.000	92.75	9.19	--	92.75	AV	67.00	150	Horizontal	N/A
4	5323.000	99.52	9.19	--	32.52	Peak	67.00	150	Horizontal	N/A
5**	7608.062	37.18	-2.51	54.0	-16.82	AV	262.00	150	Horizontal	Pass
5	7608.062	47.97	-2.51	74.0	-26.03	Peak	262.00	150	Horizontal	Pass
6**	11891.812	40.40	2.12	54.0	-13.60	AV	52.00	150	Horizontal	Pass
6	11891.812	51.97	2.12	74.0	-22.03	Peak	52.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1484.500	29.57	-14.26	54.0	-24.43	AV	163.00	150	Vertical	Pass
1	1484.500	40.23	-14.26	74.0	-33.77	Peak	163.00	150	Vertical	Pass
2**	2785.500	37.38	-5.06	54.0	-16.62	AV	25.00	150	Vertical	Pass
2	2785.500	47.62	-5.06	74.0	-26.38	Peak	25.00	150	Vertical	Pass
3**	3910.000	43.00	1.49	54.0	-11.00	AV	257.00	150	Vertical	Pass
3	3910.000	52.51	1.49	74.0	-21.49	Peak	257.00	150	Vertical	Pass
4**	5264.000	105.67	8.76	--	105.67	AV	140.00	150	Vertical	N/A
4	5264.000	113.26	8.76	--	-26.74	Peak	140.00	150	Vertical	N/A
5**	7421.188	37.58	-2.49	54.0	-16.42	AV	80.00	150	Vertical	Pass
5	7421.188	48.08	-2.49	74.0	-25.92	Peak	80.00	150	Vertical	Pass
6**	10812.250	39.84	0.67	54.0	-14.16	AV	200.00	150	Vertical	Pass
6	10812.250	49.92	0.67	74.0	-24.08	Peak	200.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1582.000	29.39	-13.97	54.0	-24.61	AV	208.00	150	Horizontal	Pass
1	1582.000	40.21	-13.97	74.0	-33.79	Peak	208.00	150	Horizontal	Pass
2**	2815.500	37.26	-5.10	54.0	-16.74	AV	10.00	150	Horizontal	Pass
2	2815.500	47.62	-5.10	74.0	-26.38	Peak	10.00	150	Horizontal	Pass
3**	4217.000	44.15	2.67	54.0	-9.85	AV	360.00	150	Horizontal	Pass
3	4217.000	53.81	2.67	74.0	-20.19	Peak	360.00	150	Horizontal	Pass
4**	5264.000	95.16	8.76	--	95.16	AV	240.00	150	Horizontal	N/A
4	5264.000	101.70	8.76	--	-138.30	Peak	240.00	150	Horizontal	N/A
5**	7357.938	37.06	-3.68	54.0	-16.94	AV	40.00	150	Horizontal	Pass
5	7357.938	48.12	-3.68	74.0	-25.88	Peak	40.00	150	Horizontal	Pass
6**	12313.000	40.05	1.70	54.0	-13.95	AV	0.00	150	Horizontal	Pass
6	12313.000	50.84	1.70	74.0	-23.16	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1489.500	29.44	-14.07	54.0	-24.56	AV	336.00	150	Vertical	Pass
1	1489.500	39.94	-14.07	74.0	-34.06	Peak	336.00	150	Vertical	Pass
2**	2816.000	37.61	-5.08	54.0	-16.39	AV	65.00	150	Vertical	Pass
2	2816.000	47.40	-5.08	74.0	-26.60	Peak	65.00	150	Vertical	Pass
3**	4215.000	44.25	2.56	54.0	-9.75	AV	342.00	150	Vertical	Pass
3	4215.000	54.07	2.56	74.0	-19.93	Peak	342.00	150	Vertical	Pass
4**	5302.000	104.64	8.97	--	104.64	AV	35.00	150	Vertical	N/A
4	5302.000	112.08	8.97	--	77.08	Peak	35.00	150	Vertical	N/A
5**	7333.500	38.01	-3.12	54.0	-15.99	AV	360.00	150	Vertical	Pass
5	7333.500	48.81	-3.12	74.0	-25.19	Peak	360.00	150	Vertical	Pass
6**	11099.750	39.29	-0.80	54.0	-14.71	AV	181.00	150	Vertical	Pass
6	11099.750	50.42	-0.80	74.0	-23.58	Peak	181.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1563.500	29.86	-13.74	54.0	-24.14	AV	331.00	150	Horizontal	Pass
1	1563.500	40.27	-13.74	74.0	-33.73	Peak	331.00	150	Horizontal	Pass
2**	2787.000	37.46	-5.07	54.0	-16.54	AV	125.00	150	Horizontal	Pass
2	2787.000	47.51	-5.07	74.0	-26.49	Peak	125.00	150	Horizontal	Pass
3**	4211.000	44.00	2.03	54.0	-10.00	AV	86.00	150	Horizontal	Pass
3	4211.000	54.23	2.03	74.0	-19.77	Peak	86.00	150	Horizontal	Pass
4**	5296.000	90.91	9.00	--	90.91	AV	250.00	150	Horizontal	N/A
4	5296.000	98.08	9.00	--	-151.92	Peak	250.00	150	Horizontal	N/A
5**	7539.062	37.97	-1.68	54.0	-16.03	AV	220.00	150	Horizontal	Pass
5	7539.062	48.37	-1.68	74.0	-25.63	Peak	220.00	150	Horizontal	Pass
6**	12330.250	40.42	1.89	54.0	-13.58	AV	254.00	150	Horizontal	Pass
6	12330.250	51.08	1.89	74.0	-22.92	Peak	254.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1575.500	29.85	-13.97	54.0	-24.15	AV	149.00	150	Vertical	Pass
1	1575.500	40.15	-13.97	74.0	-33.85	Peak	149.00	150	Vertical	Pass
2**	2797.500	36.59	-5.25	54.0	-17.41	AV	94.00	150	Vertical	Pass
2	2797.500	47.82	-5.25	74.0	-26.18	Peak	94.00	150	Vertical	Pass
3**	4216.000	44.21	2.68	54.0	-9.79	AV	110.00	150	Vertical	Pass
3	4216.000	55.27	2.68	74.0	-18.73	Peak	110.00	150	Vertical	Pass
4**	5319.000	105.34	9.14	--	105.34	AV	130.00	150	Vertical	N/A
4	5319.000	112.12	9.14	--	-17.88	Peak	130.00	150	Vertical	N/A
5**	7495.938	37.91	-2.54	54.0	-16.09	AV	215.00	150	Vertical	Pass
5	7495.938	47.90	-2.54	74.0	-26.10	Peak	215.00	150	Vertical	Pass
6**	15445.875	43.17	2.25	54.0	-10.83	AV	266.00	150	Vertical	Pass
6	15445.875	54.32	2.25	74.0	-19.68	Peak	266.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1573.500	29.64	-14.07	54.0	-24.36	AV	298.00	150	Horizontal	Pass
1	1573.500	40.11	-14.07	74.0	-33.89	Peak	298.00	150	Horizontal	Pass
2**	2791.000	37.43	-5.05	54.0	-16.57	AV	292.00	150	Horizontal	Pass
2	2791.000	47.42	-5.05	74.0	-26.58	Peak	292.00	150	Horizontal	Pass
3**	3912.000	43.23	1.80	54.0	-10.77	AV	209.00	150	Horizontal	Pass
3	3912.000	52.94	1.80	74.0	-21.06	Peak	209.00	150	Horizontal	Pass
4**	5321.000	91.46	9.16	--	91.46	AV	67.00	150	Horizontal	N/A
4	5321.000	99.52	9.16	--	32.52	Peak	67.00	150	Horizontal	N/A
5**	7540.500	38.19	-1.50	54.0	-15.81	AV	308.00	150	Horizontal	Pass
5	7540.500	48.17	-1.50	74.0	-25.83	Peak	308.00	150	Horizontal	Pass
6**	11651.750	39.74	0.19	54.0	-14.26	AV	323.00	150	Horizontal	Pass
6	11651.750	50.61	0.19	74.0	-23.39	Peak	323.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1055.500	27.55	-15.44	54.0	-26.45	AV	52.00	150	Vertical	Pass
1	1055.500	45.87	-15.44	74.0	-28.13	Peak	52.00	150	Vertical	Pass
2**	2790.000	37.68	-5.04	54.0	-16.32	AV	173.00	150	Vertical	Pass
2	2790.000	47.68	-5.04	74.0	-26.32	Peak	173.00	150	Vertical	Pass
3**	3911.000	42.61	1.65	54.0	-11.39	AV	360.00	150	Vertical	Pass
3	3911.000	53.31	1.65	74.0	-20.69	Peak	360.00	150	Vertical	Pass
4**	5277.000	103.09	8.89	--	103.09	AV	138.00	150	Vertical	N/A
4	5277.000	110.50	8.89	--	-27.50	Peak	138.00	150	Vertical	N/A
5**	8312.437	37.88	-1.33	54.0	-16.12	AV	0.00	150	Vertical	Pass
5	8312.437	48.82	-1.33	74.0	-25.18	Peak	0.00	150	Vertical	Pass
6**	15798.938	44.12	3.06	54.0	-9.88	AV	92.00	150	Vertical	Pass
6	15798.938	53.64	3.06	74.0	-20.36	Peak	92.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1601.000	29.92	-14.07	54.0	-24.08	AV	312.00	150	Horizontal	Pass
1	1601.000	40.15	-14.07	74.0	-33.85	Peak	312.00	150	Horizontal	Pass
2**	2862.000	37.36	-5.26	54.0	-16.64	AV	0.00	150	Horizontal	Pass
2	2862.000	47.91	-5.26	74.0	-26.09	Peak	0.00	150	Horizontal	Pass
3**	4221.000	43.72	2.28	54.0	-10.28	AV	360.00	150	Horizontal	Pass
3	4221.000	53.75	2.28	74.0	-20.25	Peak	360.00	150	Horizontal	Pass
4**	5267.000	89.54	8.77	--	89.54	AV	259.00	150	Horizontal	N/A
4	5267.000	97.22	8.77	--	-161.78	Peak	259.00	150	Horizontal	N/A
5**	7497.375	38.41	-2.43	54.0	-15.59	AV	326.00	150	Horizontal	Pass
5	7497.375	48.03	-2.43	74.0	-25.97	Peak	326.00	150	Horizontal	Pass
6**	11937.812	40.04	1.80	54.0	-13.96	AV	344.00	150	Horizontal	Pass
6	11937.812	50.65	1.80	74.0	-23.35	Peak	344.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1551.500	29.75	-13.74	54.0	-24.25	AV	360.00	150	Vertical	Pass
1	1551.500	40.65	-13.74	74.0	-33.35	Peak	360.00	150	Vertical	Pass
2**	2784.000	37.29	-5.15	54.0	-16.71	AV	0.00	150	Vertical	Pass
2	2784.000	47.74	-5.15	74.0	-26.26	Peak	0.00	150	Vertical	Pass
3**	4217.000	44.49	2.67	54.0	-9.51	AV	216.00	150	Vertical	Pass
3	4217.000	53.77	2.67	74.0	-20.23	Peak	216.00	150	Vertical	Pass
4**	5320.000	103.00	9.15	--	103.00	AV	125.00	150	Vertical	N/A
4	5320.000	110.00	9.15	--	-15.00	Peak	125.00	150	Vertical	N/A
5**	7457.125	37.64	-3.11	54.0	-16.36	AV	314.00	150	Vertical	Pass
5	7457.125	48.42	-3.11	74.0	-25.58	Peak	314.00	150	Vertical	Pass
6**	12139.062	40.36	0.81	54.0	-13.64	AV	247.00	150	Vertical	Pass
6	12139.062	50.87	0.81	74.0	-23.13	Peak	247.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1555.500	29.92	-13.98	54.0	-24.08	AV	302.00	150	Horizontal	Pass
1	1555.500	40.28	-13.98	74.0	-33.72	Peak	302.00	150	Horizontal	Pass
2**	2778.500	36.85	-5.65	54.0	-17.15	AV	177.00	150	Horizontal	Pass
2	2778.500	47.77	-5.65	74.0	-26.23	Peak	177.00	150	Horizontal	Pass
3**	4213.000	44.37	2.30	54.0	-9.63	AV	165.00	150	Horizontal	Pass
3	4213.000	54.09	2.30	74.0	-19.91	Peak	165.00	150	Horizontal	Pass
4**	5317.000	88.76	9.13	--	88.76	AV	68.00	150	Horizontal	N/A
4	5317.000	96.14	9.13	--	28.14	Peak	68.00	150	Horizontal	N/A
5**	7514.625	38.08	-2.00	54.0	-15.92	AV	0.00	150	Horizontal	Pass
5	7514.625	48.95	-2.00	74.0	-25.05	Peak	0.00	150	Horizontal	Pass
6**	12039.875	40.45	1.20	54.0	-13.55	AV	0.00	150	Horizontal	Pass
6	12039.875	50.80	1.20	74.0	-23.20	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1564.500	30.12	-13.63	54.0	-23.88	AV	145.00	150	Vertical	Pass
1	1564.500	40.38	-13.63	74.0	-33.62	Peak	145.00	150	Vertical	Pass
2**	2749.000	36.99	-6.29	54.0	-17.01	AV	145.00	150	Vertical	Pass
2	2749.000	48.14	-6.29	74.0	-25.86	Peak	145.00	150	Vertical	Pass
3**	4213.000	44.17	2.30	54.0	-9.83	AV	63.00	150	Vertical	Pass
3	4213.000	53.36	2.30	74.0	-20.64	Peak	63.00	150	Vertical	Pass
4**	5256.000	105.55	8.71	--	105.55	AV	134.00	150	Vertical	N/A
4	5256.000	112.77	8.71	--	-21.23	Peak	134.00	150	Vertical	N/A
5**	7552.000	37.90	-1.82	54.0	-16.10	AV	219.00	150	Vertical	Pass
5	7552.000	48.08	-1.82	74.0	-25.92	Peak	219.00	150	Vertical	Pass
6**	15525.937	43.99	2.39	54.0	-10.01	AV	259.00	150	Vertical	Pass
6	15525.937	53.42	2.39	74.0	-20.58	Peak	259.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1471.500	29.59	-14.02	54.0	-24.41	AV	0.00	150	Horizontal	Pass
1	1471.500	40.52	-14.02	74.0	-33.48	Peak	0.00	150	Horizontal	Pass
2**	2860.000	37.47	-5.10	54.0	-16.53	AV	38.00	150	Horizontal	Pass
2	2860.000	47.55	-5.10	74.0	-26.45	Peak	38.00	150	Horizontal	Pass
3**	4214.000	44.22	2.44	54.0	-9.78	AV	332.00	150	Horizontal	Pass
3	4214.000	53.77	2.44	74.0	-20.23	Peak	332.00	150	Horizontal	Pass
4**	5257.000	93.14	8.72	--	93.14	AV	257.00	150	Horizontal	N/A
4	5257.000	99.95	8.72	--	-157.05	Peak	257.00	150	Horizontal	N/A
5**	7526.125	37.99	-1.88	54.0	-16.01	AV	25.00	150	Horizontal	Pass
5	7526.125	47.66	-1.88	74.0	-26.34	Peak	25.00	150	Horizontal	Pass
6**	11033.625	39.66	-0.06	54.0	-14.34	AV	207.00	150	Horizontal	Pass
6	11033.625	50.13	-0.06	74.0	-23.87	Peak	207.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1573.500	29.92	-14.07	54.0	-24.08	AV	340.00	150	Vertical	Pass
1	1573.500	40.35	-14.07	74.0	-33.65	Peak	340.00	150	Vertical	Pass
2**	2782.500	37.30	-5.29	54.0	-16.70	AV	71.00	150	Vertical	Pass
2	2782.500	48.83	-5.29	74.0	-25.17	Peak	71.00	150	Vertical	Pass
3**	4207.000	43.06	1.60	54.0	-10.94	AV	168.00	150	Vertical	Pass
3	4207.000	53.60	1.60	74.0	-20.40	Peak	168.00	150	Vertical	Pass
4**	5297.000	105.40	8.99	--	105.40	AV	360.00	150	Vertical	N/A
4	5297.000	112.05	8.99	--	-247.95	Peak	360.00	150	Vertical	N/A
5**	7495.938	37.89	-2.54	54.0	-16.11	AV	340.00	150	Vertical	Pass
5	7495.938	48.03	-2.54	74.0	-25.97	Peak	340.00	150	Vertical	Pass
6**	15516.750	43.54	2.44	54.0	-10.46	AV	265.00	150	Vertical	Pass
6	15516.750	54.53	2.44	74.0	-19.47	Peak	265.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1564.500	29.74	-13.63	54.0	-24.26	AV	213.00	150	Horizontal	Pass
1	1564.500	40.28	-13.63	74.0	-33.72	Peak	213.00	150	Horizontal	Pass
2**	2751.500	36.84	-6.10	54.0	-17.16	AV	204.00	150	Horizontal	Pass
2	2751.500	47.40	-6.10	74.0	-26.60	Peak	204.00	150	Horizontal	Pass
3**	3907.000	42.17	0.88	54.0	-11.83	AV	184.00	150	Horizontal	Pass
3	3907.000	52.23	0.88	74.0	-21.77	Peak	184.00	150	Horizontal	Pass
4**	5298.000	91.78	8.98	--	91.78	AV	240.00	150	Horizontal	N/A
4	5298.000	98.41	8.98	--	-141.59	Peak	240.00	150	Horizontal	N/A
5**	7618.125	37.57	-2.42	54.0	-16.43	AV	8.00	150	Horizontal	Pass
5	7618.125	48.23	-2.42	74.0	-25.77	Peak	8.00	150	Horizontal	Pass
6**	11485.000	39.40	0.32	54.0	-14.60	AV	239.00	150	Horizontal	Pass
6	11485.000	50.17	0.32	74.0	-23.83	Peak	239.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1484.000	29.69	-14.22	54.0	-24.31	AV	335.00	150	Vertical	Pass
1	1484.000	40.11	-14.22	74.0	-33.89	Peak	335.00	150	Vertical	Pass
2**	2793.000	37.53	-5.06	54.0	-16.47	AV	58.00	150	Vertical	Pass
2	2793.000	48.16	-5.06	74.0	-25.84	Peak	58.00	150	Vertical	Pass
3**	4213.000	44.29	2.30	54.0	-9.71	AV	0.00	150	Vertical	Pass
3	4213.000	53.57	2.30	74.0	-20.43	Peak	0.00	150	Vertical	Pass
4**	5325.000	105.73	9.21	--	105.73	AV	121.00	150	Vertical	N/A
4	5325.000	112.50	9.21	--	-8.50	Peak	121.00	150	Vertical	N/A
5**	7491.625	37.99	-2.67	54.0	-16.01	AV	101.00	150	Vertical	Pass
5	7491.625	47.82	-2.67	74.0	-26.18	Peak	101.00	150	Vertical	Pass
6**	11894.688	40.02	2.18	54.0	-13.98	AV	361.00	150	Vertical	Pass
6	11894.688	50.61	2.18	74.0	-23.39	Peak	361.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1532.000	29.54	-14.02	54.0	-24.46	AV	35.00	150	Horizontal	Pass
1	1532.000	40.19	-14.02	74.0	-33.81	Peak	35.00	150	Horizontal	Pass
2**	2789.000	37.67	-5.09	54.0	-16.33	AV	360.00	150	Horizontal	Pass
2	2789.000	47.59	-5.09	74.0	-26.41	Peak	360.00	150	Horizontal	Pass
3**	3914.000	43.21	1.97	54.0	-10.79	AV	274.00	150	Horizontal	Pass
3	3914.000	53.07	1.97	74.0	-20.93	Peak	274.00	150	Horizontal	Pass
4**	5323.000	92.38	9.19	--	92.38	AV	232.00	150	Horizontal	N/A
4	5323.000	99.73	9.19	--	-132.27	Peak	232.00	150	Horizontal	N/A
5**	7521.812	39.03	-2.04	54.0	-14.97	AV	0.00	150	Horizontal	Pass
5	7521.812	48.41	-2.04	74.0	-25.59	Peak	0.00	150	Horizontal	Pass
6**	12288.562	40.34	2.01	54.0	-13.66	AV	292.00	150	Horizontal	Pass
6	12288.562	51.68	2.01	74.0	-22.32	Peak	292.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1516.500	30.29	-14.03	54.0	-23.71	AV	114.00	150	Vertical	Pass
1	1516.500	39.80	-14.03	74.0	-34.20	Peak	114.00	150	Vertical	Pass
2**	2783.500	37.76	-5.20	54.0	-16.24	AV	29.00	150	Vertical	Pass
2	2783.500	47.43	-5.20	74.0	-26.57	Peak	29.00	150	Vertical	Pass
3**	4214.000	44.69	2.44	54.0	-9.31	AV	124.00	150	Vertical	Pass
3	4214.000	54.71	2.44	74.0	-19.29	Peak	124.00	150	Vertical	Pass
4**	5275.000	102.97	8.88	--	102.97	AV	137.00	150	Vertical	N/A
4	5275.000	111.11	8.88	--	-25.89	Peak	137.00	150	Vertical	N/A
5**	7500.250	37.67	-2.45	54.0	-16.33	AV	196.00	150	Vertical	Pass
5	7500.250	48.02	-2.45	74.0	-25.98	Peak	196.00	150	Vertical	Pass
6**	11947.875	40.40	1.57	54.0	-13.60	AV	94.00	150	Vertical	Pass
6	11947.875	51.45	1.57	74.0	-22.55	Peak	94.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1523.500	29.46	-14.27	54.0	-24.54	AV	263.00	150	Horizontal	Pass
1	1523.500	39.52	-14.27	74.0	-34.48	Peak	263.00	150	Horizontal	Pass
2**	2790.000	37.29	-5.04	54.0	-16.71	AV	191.00	150	Horizontal	Pass
2	2790.000	47.52	-5.04	74.0	-26.48	Peak	191.00	150	Horizontal	Pass
3**	4210.000	43.54	1.90	54.0	-10.46	AV	116.00	150	Horizontal	Pass
3	4210.000	54.14	1.90	74.0	-19.86	Peak	116.00	150	Horizontal	Pass
4**	5275.000	89.93	8.88	--	89.93	AV	234.00	150	Horizontal	N/A
4	5275.000	97.29	8.88	--	-136.71	Peak	234.00	150	Horizontal	N/A
5**	7500.250	37.93	-2.45	54.0	-16.07	AV	150.00	150	Horizontal	Pass
5	7500.250	48.29	-2.45	74.0	-25.71	Peak	150.00	150	Horizontal	Pass
6**	15801.562	43.95	3.06	54.0	-10.05	AV	26.00	150	Horizontal	Pass
6	15801.562	54.25	3.06	74.0	-19.75	Peak	26.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1506.000	29.26	-14.08	54.0	-24.74	AV	22.00	150	Vertical	Pass
1	1506.000	39.68	-14.08	74.0	-34.32	Peak	22.00	150	Vertical	Pass
2**	2803.000	36.24	-5.76	54.0	-17.76	AV	355.00	150	Vertical	Pass
2	2803.000	47.09	-5.76	74.0	-26.91	Peak	355.00	150	Vertical	Pass
3**	4212.000	44.22	2.16	54.0	-9.78	AV	255.00	150	Vertical	Pass
3	4212.000	53.61	2.16	74.0	-20.39	Peak	255.00	150	Vertical	Pass
4**	5323.000	102.61	9.19	--	102.61	AV	129.00	150	Vertical	N/A
4	5323.000	110.22	9.19	--	-18.78	Peak	129.00	150	Vertical	N/A
5**	8098.250	38.32	-1.45	54.0	-15.68	AV	201.00	150	Vertical	Pass
5	8098.250	48.68	-1.45	74.0	-25.32	Peak	201.00	150	Vertical	Pass
6**	12068.625	40.69	1.12	54.0	-13.31	AV	352.00	150	Vertical	Pass
6	12068.625	51.48	1.12	74.0	-22.52	Peak	352.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1473.000	29.86	-14.21	54.0	-24.14	AV	0.00	150	Horizontal	Pass
1	1473.000	40.06	-14.21	74.0	-33.94	Peak	0.00	150	Horizontal	Pass
2**	2859.000	37.14	-5.21	54.0	-16.86	AV	31.00	150	Horizontal	Pass
2	2859.000	47.72	-5.21	74.0	-26.28	Peak	31.00	150	Horizontal	Pass
3**	4218.000	44.36	2.65	54.0	-9.64	AV	265.00	150	Horizontal	Pass
3	4218.000	53.93	2.65	74.0	-20.07	Peak	265.00	150	Horizontal	Pass
4**	5319.000	89.76	9.14	--	89.76	AV	64.00	150	Horizontal	N/A
4	5319.000	96.43	9.14	--	32.43	Peak	64.00	150	Horizontal	N/A
5**	7530.438	38.10	-1.78	54.0	-15.90	AV	0.00	150	Horizontal	Pass
5	7530.438	47.92	-1.78	74.0	-26.08	Peak	0.00	150	Horizontal	Pass
6**	15579.750	43.47	2.57	54.0	-10.53	AV	103.00	150	Horizontal	Pass
6	15579.750	54.60	2.57	74.0	-19.40	Peak	103.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1507.000	29.50	-14.14	54.0	-24.50	AV	113.00	150	Vertical	Pass
1	1507.000	39.66	-14.14	74.0	-34.34	Peak	113.00	150	Vertical	Pass
2**	2864.500	37.80	-5.04	54.0	-16.20	AV	187.00	150	Vertical	Pass
2	2864.500	48.15	-5.04	74.0	-25.85	Peak	187.00	150	Vertical	Pass
3**	4216.000	44.50	2.68	54.0	-9.50	AV	0.00	150	Vertical	Pass
3	4216.000	54.45	2.68	74.0	-19.55	Peak	0.00	150	Vertical	Pass
4**	5286.000	99.98	8.89	--	99.98	AV	132.00	150	Vertical	N/A
4	5286.000	107.85	8.89	--	-24.15	Peak	132.00	150	Vertical	N/A
5**	7487.312	37.94	-2.71	54.0	-16.06	AV	360.00	150	Vertical	Pass
5	7487.312	48.50	-2.71	74.0	-25.50	Peak	360.00	150	Vertical	Pass
6**	12153.437	40.28	0.91	54.0	-13.72	AV	0.00	150	Vertical	Pass
6	12153.437	51.45	0.91	74.0	-22.55	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1563.000	29.57	-13.86	54.0	-24.43	AV	0.00	150	Horizontal	Pass
1	1563.000	40.73	-13.86	74.0	-33.27	Peak	0.00	150	Horizontal	Pass
2**	2786.500	37.81	-5.05	54.0	-16.19	AV	190.00	150	Horizontal	Pass
2	2786.500	47.23	-5.05	74.0	-26.77	Peak	190.00	150	Horizontal	Pass
3**	3913.000	43.05	1.90	54.0	-10.95	AV	236.00	150	Horizontal	Pass
3	3913.000	52.20	1.90	74.0	-21.80	Peak	236.00	150	Horizontal	Pass
4**	5279.000	86.30	8.90	--	86.30	AV	236.00	150	Horizontal	N/A
4	5279.000	94.28	8.90	--	-141.72	Peak	236.00	150	Horizontal	N/A
5**	7498.812	38.20	-2.49	54.0	-15.80	AV	25.00	150	Horizontal	Pass
5	7498.812	48.54	-2.49	74.0	-25.46	Peak	25.00	150	Horizontal	Pass
6**	11726.500	40.30	1.32	54.0	-13.70	AV	72.00	150	Horizontal	Pass
6	11726.500	49.92	1.32	74.0	-24.08	Peak	72.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1472.500	26.42	-17.20	54.0	-27.58	AV	213.00	150	Vertical	Pass
1	1472.500	36.97	-17.20	74.0	-37.03	Peak	213.00	150	Vertical	Pass
2**	2793.000	32.20	-10.60	54.0	-21.80	AV	146.00	150	Vertical	Pass
2	2793.000	42.50	-10.60	74.0	-31.50	Peak	146.00	150	Vertical	Pass
3**	3995.000	36.67	-4.00	54.0	-17.33	AV	289.00	150	Vertical	Pass
3	3995.000	47.41	-4.00	74.0	-26.59	Peak	289.00	150	Vertical	Pass
4**	5497.000	96.42	-2.29	--	96.42	AV	352.00	150	Vertical	N/A
4	5497.000	103.86	-2.29	--	-248.14	Peak	352.00	150	Vertical	N/A
5**	7310.500	37.02	-3.19	54.0	-16.98	AV	109.00	150	Vertical	Pass
5	7310.500	49.03	-3.19	74.0	-24.97	Peak	109.00	150	Vertical	Pass
6**	12156.313	40.05	0.95	54.0	-13.95	AV	94.00	150	Vertical	Pass
6	12156.313	51.63	0.95	74.0	-22.37	Peak	94.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1510.500	26.34	-17.39	54.0	-27.66	AV	183.00	150	Horizontal	Pass
1	1510.500	36.38	-17.39	74.0	-37.62	Peak	183.00	150	Horizontal	Pass
2**	2824.000	32.31	-9.88	54.0	-21.69	AV	294.00	150	Horizontal	Pass
2	2824.000	42.52	-9.88	74.0	-31.48	Peak	294.00	150	Horizontal	Pass
3**	3995.000	36.78	-4.00	54.0	-17.22	AV	280.00	150	Horizontal	Pass
3	3995.000	46.91	-4.00	74.0	-27.09	Peak	280.00	150	Horizontal	Pass
4**	5503.000	88.69	-2.49	--	88.69	AV	68.00	150	Horizontal	N/A
4	5503.000	95.72	-2.49	--	27.72	Peak	68.00	150	Horizontal	N/A
5**	7531.875	38.23	-1.69	54.0	-15.77	AV	111.00	150	Horizontal	Pass
5	7531.875	48.13	-1.69	74.0	-25.87	Peak	111.00	150	Horizontal	Pass
6**	11842.938	39.40	1.49	54.0	-14.60	AV	338.00	150	Horizontal	Pass
6	11842.938	51.10	1.49	74.0	-22.90	Peak	338.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1346.000	26.17	-17.21	54.0	-27.83	AV	230.00	150	Vertical	Pass
1	1346.000	37.02	-17.21	74.0	-36.98	Peak	230.00	150	Vertical	Pass
2**	1996.500	27.95	-15.62	--	27.95	AV	307.00	150	Vertical	Pass
2	1996.500	43.41	-15.62	68.2	-24.79	Peak	307.00	150	Vertical	Pass
3**	3672.000	36.93	-5.02	54.0	-17.07	AV	217.00	150	Vertical	Pass
3	3672.000	47.12	-5.02	74.0	-26.88	Peak	217.00	150	Vertical	Pass
4**	5576.000	96.06	-2.30	--	96.06	AV	0.00	150	Vertical	N/A
4	5576.000	103.04	-2.30	--	103.04	Peak	0.00	150	Vertical	N/A
5**	7612.375	37.44	-2.41	54.0	-16.56	AV	113.00	150	Vertical	Pass
5	7612.375	47.93	-2.41	74.0	-26.07	Peak	113.00	150	Vertical	Pass
6**	10984.750	39.37	-0.09	54.0	-14.63	AV	183.00	150	Vertical	Pass
6	10984.750	50.75	-0.09	74.0	-23.25	Peak	183.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1380.500	25.98	-17.32	54.0	-28.02	AV	360.00	150	Horizontal	Pass
1	1380.500	37.39	-17.32	74.0	-36.61	Peak	360.00	150	Horizontal	Pass
2**	2769.500	31.81	-10.58	54.0	-22.19	AV	222.00	150	Horizontal	Pass
2	2769.500	42.52	-10.58	74.0	-31.48	Peak	222.00	150	Horizontal	Pass
3**	4199.000	36.61	-4.74	54.0	-17.39	AV	0.00	150	Horizontal	Pass
3	4199.000	47.26	-4.74	74.0	-26.74	Peak	0.00	150	Horizontal	Pass
4**	5581.000	87.77	-2.60	--	87.77	AV	300.00	150	Horizontal	N/A
4	5581.000	95.87	-2.60	--	-204.13	Peak	300.00	150	Horizontal	N/A
5**	8217.563	38.15	-1.47	54.0	-15.85	AV	19.00	150	Horizontal	Pass
5	8217.563	48.94	-1.47	74.0	-25.06	Peak	19.00	150	Horizontal	Pass
6**	11709.250	40.03	1.04	54.0	-13.97	AV	212.00	150	Horizontal	Pass
6	11709.250	50.94	1.04	74.0	-23.06	Peak	212.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1513.000	26.63	-17.55	54.0	-27.37	AV	359.00	150	Vertical	Pass
1	1513.000	37.60	-17.55	74.0	-36.40	Peak	359.00	150	Vertical	Pass
2**	3989.000	37.88	-3.88	54.0	-16.12	AV	241.00	150	Vertical	Pass
2	3989.000	46.57	-3.88	74.0	-27.43	Peak	241.00	150	Vertical	Pass
3**	4886.000	40.12	-2.84	54.0	-13.88	AV	16.00	150	Vertical	Pass
3	4886.000	50.30	-2.84	74.0	-23.70	Peak	16.00	150	Vertical	Pass
4**	5701.000	95.21	-1.76	--	95.21	AV	29.00	150	Vertical	N/A
4	5701.000	103.78	-1.76	--	74.78	Peak	29.00	150	Vertical	N/A
5**	7507.438	38.32	-2.41	54.0	-15.68	AV	108.00	150	Vertical	Pass
5	7507.438	47.95	-2.41	74.0	-26.05	Peak	108.00	150	Vertical	Pass
6**	11165.875	39.54	-0.51	54.0	-14.46	AV	0.00	150	Vertical	Pass
6	11165.875	50.23	-0.51	74.0	-23.77	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1519.500	26.04	-17.31	54.0	-27.96	AV	18.00	150	Horizontal	Pass
1	1519.500	36.58	-17.31	74.0	-37.42	Peak	18.00	150	Horizontal	Pass
2**	2837.500	32.89	-9.94	54.0	-21.11	AV	12.00	150	Horizontal	Pass
2	2837.500	43.16	-9.94	74.0	-30.84	Peak	12.00	150	Horizontal	Pass
3**	4001.000	37.12	-4.03	54.0	-16.88	AV	205.00	150	Horizontal	Pass
3	4001.000	46.80	-4.03	74.0	-27.20	Peak	205.00	150	Horizontal	Pass
4**	5702.000	90.79	-1.82	--	90.79	AV	281.00	150	Horizontal	N/A
4	5702.000	97.16	-1.82	--	-183.84	Peak	281.00	150	Horizontal	N/A
5**	7498.812	38.29	-2.49	54.0	-15.71	AV	357.00	150	Horizontal	Pass
5	7498.812	48.56	-2.49	74.0	-25.44	Peak	357.00	150	Horizontal	Pass
6**	11922.000	39.61	1.69	54.0	-14.39	AV	260.00	150	Horizontal	Pass
6	11922.000	50.27	1.69	74.0	-23.73	Peak	260.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11a ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1549.500	26.30	-17.29	54.0	-27.70	AV	288.00	150	Vertical	Pass
1	1549.500	36.81	-17.29	74.0	-37.19	Peak	288.00	150	Vertical	Pass
2**	4002.000	36.98	-4.15	54.0	-17.02	AV	360.00	150	Vertical	Pass
2	4002.000	46.61	-4.15	74.0	-27.39	Peak	360.00	150	Vertical	Pass
3**	4903.000	39.06	-3.17	54.0	-14.94	AV	350.00	150	Vertical	Pass
3	4903.000	49.89	-3.17	74.0	-24.11	Peak	350.00	150	Vertical	Pass
4**	5722.000	95.69	-2.35	--	95.69	AV	337.00	150	Vertical	N/A
4	5722.000	103.51	-2.35	--	-233.49	Peak	337.00	150	Vertical	N/A
5**	7506.000	37.72	-2.44	54.0	-16.28	AV	0.00	150	Vertical	Pass
5	7506.000	48.26	-2.44	74.0	-25.74	Peak	0.00	150	Vertical	Pass
6**	15519.375	44.04	2.51	54.0	-9.96	AV	226.00	150	Vertical	Pass
6	15519.375	54.30	2.51	74.0	-19.70	Peak	226.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11a ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1519.500	26.31	-17.31	54.0	-27.69	AV	0.00	150	Horizontal	Pass
1	1519.500	37.11	-17.31	74.0	-36.89	Peak	0.00	150	Horizontal	Pass
2**	2797.000	31.86	-10.38	54.0	-22.14	AV	12.00	150	Horizontal	Pass
2	2797.000	43.00	-10.38	74.0	-31.00	Peak	12.00	150	Horizontal	Pass
3**	3989.000	37.35	-3.88	54.0	-16.65	AV	238.00	150	Horizontal	Pass
3	3989.000	46.81	-3.88	74.0	-27.19	Peak	238.00	150	Horizontal	Pass
4**	5717.000	89.23	-2.40	--	89.23	AV	289.00	150	Horizontal	N/A
4	5717.000	96.26	-2.40	--	-192.74	Peak	289.00	150	Horizontal	N/A
5**	7526.125	38.25	-1.88	54.0	-15.75	AV	0.00	150	Horizontal	Pass
5	7526.125	47.95	-1.88	74.0	-26.05	Peak	0.00	150	Horizontal	Pass
6**	11946.438	40.30	1.61	54.0	-13.70	AV	117.00	150	Horizontal	Pass
6	11946.438	50.54	1.61	74.0	-23.46	Peak	117.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1474.000	26.46	-17.23	54.0	-27.54	AV	140.00	150	Vertical	Pass
1	1474.000	36.95	-17.23	74.0	-37.05	Peak	140.00	150	Vertical	Pass
2**	2852.000	32.14	-10.30	54.0	-21.86	AV	41.00	150	Vertical	Pass
2	2852.000	42.67	-10.30	74.0	-31.33	Peak	41.00	150	Vertical	Pass
3**	3982.000	36.90	-4.27	54.0	-17.10	AV	225.00	150	Vertical	Pass
3	3982.000	47.00	-4.27	74.0	-27.00	Peak	225.00	150	Vertical	Pass
4**	5497.000	96.36	-2.29	--	96.36	AV	346.00	150	Vertical	N/A
4	5497.000	103.79	-2.29	--	-242.21	Peak	346.00	150	Vertical	N/A
5**	7550.562	38.19	-1.76	54.0	-15.81	AV	333.00	150	Vertical	Pass
5	7550.562	48.01	-1.76	74.0	-25.99	Peak	333.00	150	Vertical	Pass
6**	15994.500	43.40	1.30	54.0	-10.60	AV	256.00	150	Vertical	Pass
6	15994.500	54.46	1.30	74.0	-19.54	Peak	256.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1542.500	26.12	-17.62	54.0	-27.88	AV	29.00	150	Horizontal	Pass
1	1542.500	36.94	-17.62	74.0	-37.06	Peak	29.00	150	Horizontal	Pass
2**	2749.000	32.10	-10.62	54.0	-21.90	AV	360.00	150	Horizontal	Pass
2	2749.000	42.55	-10.62	74.0	-31.45	Peak	360.00	150	Horizontal	Pass
3**	3987.000	37.23	-3.96	54.0	-16.77	AV	345.00	150	Horizontal	Pass
3	3987.000	47.92	-3.96	74.0	-26.08	Peak	345.00	150	Horizontal	Pass
4**	5504.000	88.12	-2.51	--	88.12	AV	83.00	150	Horizontal	N/A
4	5504.000	95.08	-2.51	--	12.08	Peak	83.00	150	Horizontal	N/A
5**	7493.063	37.94	-2.55	54.0	-16.06	AV	110.00	150	Horizontal	Pass
5	7493.063	48.43	-2.55	74.0	-25.57	Peak	110.00	150	Horizontal	Pass
6**	12005.375	40.44	1.49	54.0	-13.56	AV	95.00	150	Horizontal	Pass
6	12005.375	50.76	1.49	74.0	-23.24	Peak	95.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1501.500	26.28	-17.42	54.0	-27.72	AV	218.00	150	Vertical	Pass
1	1501.500	36.35	-17.42	74.0	-37.65	Peak	218.00	150	Vertical	Pass
2**	2839.000	31.93	-10.06	54.0	-22.07	AV	270.00	150	Vertical	Pass
2	2839.000	42.40	-10.06	74.0	-31.60	Peak	270.00	150	Vertical	Pass
3**	3988.000	37.17	-3.91	54.0	-16.83	AV	137.00	150	Vertical	Pass
3	3988.000	47.12	-3.91	74.0	-26.88	Peak	137.00	150	Vertical	Pass
4**	5576.000	95.71	-2.30	--	95.71	AV	32.00	150	Vertical	N/A
4	5576.000	103.62	-2.30	--	71.62	Peak	32.00	150	Vertical	N/A
5**	7526.125	38.24	-1.88	54.0	-15.76	AV	3.00	150	Vertical	Pass
5	7526.125	48.49	-1.88	74.0	-25.51	Peak	3.00	150	Vertical	Pass
6**	15662.437	42.42	1.74	54.0	-11.58	AV	232.00	150	Vertical	Pass
6	15662.437	53.51	1.74	74.0	-20.49	Peak	232.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1516.500	26.86	-17.22	54.0	-27.14	AV	188.00	150	Horizontal	Pass
1	1516.500	36.81	-17.22	74.0	-37.19	Peak	188.00	150	Horizontal	Pass
2**	2783.500	31.55	-10.47	54.0	-22.45	AV	313.00	150	Horizontal	Pass
2	2783.500	42.18	-10.47	74.0	-31.82	Peak	313.00	150	Horizontal	Pass
3**	3672.000	36.74	-5.02	54.0	-17.26	AV	344.00	150	Horizontal	Pass
3	3672.000	47.02	-5.02	74.0	-26.98	Peak	344.00	150	Horizontal	Pass
4**	5576.000	88.40	-2.30	--	88.40	AV	283.00	150	Horizontal	N/A
4	5576.000	96.08	-2.30	--	-186.92	Peak	283.00	150	Horizontal	N/A
5**	7537.625	38.14	-1.81	54.0	-15.86	AV	127.00	150	Horizontal	Pass
5	7537.625	48.20	-1.81	74.0	-25.80	Peak	127.00	150	Horizontal	Pass
6**	11108.375	39.69	-0.53	54.0	-14.31	AV	0.00	150	Horizontal	Pass
6	11108.375	50.25	-0.53	74.0	-23.75	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1577.000	26.70	-17.46	54.0	-27.30	AV	123.00	150	Vertical	Pass
1	1577.000	36.99	-17.46	74.0	-37.01	Peak	123.00	150	Vertical	Pass
2**	3671.000	36.28	-5.35	54.0	-17.72	AV	-1.00	150	Vertical	Pass
2	3671.000	46.44	-5.35	74.0	-27.56	Peak	-1.00	150	Vertical	Pass
3**	4886.000	40.29	-2.84	54.0	-13.71	AV	3.00	150	Vertical	Pass
3	4886.000	50.28	-2.84	74.0	-23.72	Peak	3.00	150	Vertical	Pass
4**	5697.000	96.79	-1.51	--	96.79	AV	192.00	150	Vertical	N/A
4	5697.000	104.00	-1.51	--	-88.00	Peak	192.00	150	Vertical	N/A
5**	7498.812	37.69	-2.49	54.0	-16.31	AV	5.00	150	Vertical	Pass
5	7498.812	48.09	-2.49	74.0	-25.91	Peak	5.00	150	Vertical	Pass
6**	12175.000	40.49	1.07	54.0	-13.51	AV	95.00	150	Vertical	Pass
6	12175.000	51.73	1.07	74.0	-22.27	Peak	95.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1481.000	26.27	-17.46	54.0	-27.73	AV	260.00	150	Horizontal	Pass
1	1481.000	37.24	-17.46	74.0	-36.76	Peak	260.00	150	Horizontal	Pass
2**	2773.500	31.55	-10.44	54.0	-22.45	AV	0.00	150	Horizontal	Pass
2	2773.500	42.37	-10.44	74.0	-31.63	Peak	0.00	150	Horizontal	Pass
3**	3997.000	36.90	-4.16	54.0	-17.10	AV	84.00	150	Horizontal	Pass
3	3997.000	46.98	-4.16	74.0	-27.02	Peak	84.00	150	Horizontal	Pass
4**	5702.000	90.19	-1.82	--	90.19	AV	285.00	150	Horizontal	N/A
4	5702.000	97.19	-1.82	--	-187.81	Peak	285.00	150	Horizontal	N/A
5**	7534.750	37.82	-1.82	54.0	-16.18	AV	203.00	150	Horizontal	Pass
5	7534.750	48.42	-1.82	74.0	-25.58	Peak	203.00	150	Horizontal	Pass
6**	11449.062	39.55	0.31	54.0	-14.45	AV	34.00	150	Horizontal	Pass
6	11449.062	50.67	0.31	74.0	-23.33	Peak	34.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11n20 ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1518.500	26.39	-17.23	54.0	-27.61	AV	198.00	150	Vertical	Pass
1	1518.500	36.74	-17.23	74.0	-37.26	Peak	198.00	150	Vertical	Pass
2**	4003.000	36.32	-4.39	54.0	-17.68	AV	166.00	150	Vertical	Pass
2	4003.000	46.93	-4.39	74.0	-27.07	Peak	166.00	150	Vertical	Pass
3**	4880.000	39.26	-2.63	54.0	-14.74	AV	330.00	150	Vertical	Pass
3	4880.000	49.78	-2.63	74.0	-24.22	Peak	330.00	150	Vertical	Pass
4**	5717.000	96.05	-2.40	--	96.05	AV	338.00	150	Vertical	N/A
4	5717.000	103.16	-2.40	--	-234.84	Peak	338.00	150	Vertical	N/A
5**	7547.687	38.81	-1.43	54.0	-15.19	AV	0.00	150	Vertical	Pass
5	7547.687	48.24	-1.43	74.0	-25.76	Peak	0.00	150	Vertical	Pass
6**	15612.562	43.50	2.22	54.0	-10.50	AV	173.00	150	Vertical	Pass
6	15612.562	54.23	2.22	74.0	-19.77	Peak	173.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11n20 ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1579.000	26.01	-17.50	54.0	-27.99	AV	173.00	150	Horizontal	Pass
1	1579.000	37.04	-17.50	74.0	-36.96	Peak	173.00	150	Horizontal	Pass
2**	2856.500	31.69	-10.28	54.0	-22.31	AV	76.00	150	Horizontal	Pass
2	2856.500	42.76	-10.28	74.0	-31.24	Peak	76.00	150	Horizontal	Pass
3**	3995.000	37.11	-4.00	54.0	-16.89	AV	48.00	150	Horizontal	Pass
3	3995.000	47.38	-4.00	74.0	-26.62	Peak	48.00	150	Horizontal	Pass
4**	5718.000	89.51	-2.28	--	89.51	AV	266.00	150	Horizontal	N/A
4	5718.000	96.12	-2.28	--	-169.88	Peak	266.00	150	Horizontal	N/A
5**	7424.062	37.53	-2.52	54.0	-16.47	AV	93.00	150	Horizontal	Pass
5	7424.062	47.91	-2.52	74.0	-26.09	Peak	93.00	150	Horizontal	Pass
6**	12222.437	40.43	1.68	54.0	-13.57	AV	213.00	150	Horizontal	Pass
6	12222.437	50.45	1.68	74.0	-23.55	Peak	213.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1533.500	26.53	-17.57	54.0	-27.47	AV	295.00	150	Vertical	Pass
1	1533.500	37.39	-17.57	74.0	-36.61	Peak	295.00	150	Vertical	Pass
2**	2816.500	32.00	-10.01	54.0	-22.00	AV	334.00	150	Vertical	Pass
2	2816.500	42.15	-10.01	74.0	-31.85	Peak	334.00	150	Vertical	Pass
3**	3976.000	36.45	-4.65	54.0	-17.55	AV	10.00	150	Vertical	Pass
3	3976.000	46.88	-4.65	74.0	-27.12	Peak	10.00	150	Vertical	Pass
4**	5514.000	94.74	-2.29	--	94.74	AV	343.00	150	Vertical	N/A
4	5514.000	101.95	-2.29	--	-241.05	Peak	343.00	150	Vertical	N/A
5**	7552.000	37.76	-1.82	54.0	-16.24	AV	289.00	150	Vertical	Pass
5	7552.000	47.87	-1.82	74.0	-26.13	Peak	289.00	150	Vertical	Pass
6**	15792.375	43.72	2.74	54.0	-10.28	AV	96.00	150	Vertical	Pass
6	15792.375	54.46	2.74	74.0	-19.54	Peak	96.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1532.500	26.07	-17.59	54.0	-27.93	AV	114.00	150	Horizontal	Pass
1	1532.500	37.01	-17.59	74.0	-36.99	Peak	114.00	150	Horizontal	Pass
2**	2787.000	32.23	-10.35	54.0	-21.77	AV	266.00	150	Horizontal	Pass
2	2787.000	42.22	-10.35	74.0	-31.78	Peak	266.00	150	Horizontal	Pass
3**	3989.000	37.05	-3.88	54.0	-16.95	AV	360.00	150	Horizontal	Pass
3	3989.000	46.95	-3.88	74.0	-27.05	Peak	360.00	150	Horizontal	Pass
4**	5522.000	86.06	-2.40	--	86.06	AV	82.00	150	Horizontal	N/A
4	5522.000	93.24	-2.40	--	11.24	Peak	82.00	150	Horizontal	N/A
5**	7536.187	37.86	-1.86	54.0	-16.14	AV	178.00	150	Horizontal	Pass
5	7536.187	48.57	-1.86	74.0	-25.43	Peak	178.00	150	Horizontal	Pass
6**	12223.875	40.41	1.69	54.0	-13.59	AV	212.00	150	Horizontal	Pass
6	12223.875	51.26	1.69	74.0	-22.74	Peak	212.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1492.000	26.47	-17.24	54.0	-27.53	AV	65.00	150	Vertical	Pass
1	1492.000	37.75	-17.24	74.0	-36.25	Peak	65.00	150	Vertical	Pass
2**	2720.000	31.75	-10.79	54.0	-22.25	AV	361.00	150	Vertical	Pass
2	2720.000	42.71	-10.79	74.0	-31.29	Peak	361.00	150	Vertical	Pass
3**	3998.000	37.28	-4.12	54.0	-16.72	AV	244.00	150	Vertical	Pass
3	3998.000	46.74	-4.12	74.0	-27.26	Peak	244.00	150	Vertical	Pass
4**	5602.000	94.92	-2.12	--	94.92	AV	337.00	150	Vertical	N/A
4	5602.000	102.05	-2.12	--	-234.95	Peak	337.00	150	Vertical	N/A
5**	7488.750	37.81	-2.82	54.0	-16.19	AV	56.00	150	Vertical	Pass
5	7488.750	48.02	-2.82	74.0	-25.98	Peak	56.00	150	Vertical	Pass
6**	12144.812	40.42	0.84	54.0	-13.58	AV	283.00	150	Vertical	Pass
6	12144.812	50.66	0.84	74.0	-23.34	Peak	283.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1496.500	26.01	-17.54	54.0	-27.99	AV	290.00	150	Horizontal	Pass
1	1496.500	36.82	-17.54	74.0	-37.18	Peak	290.00	150	Horizontal	Pass
2**	2797.500	31.94	-10.45	54.0	-22.06	AV	301.00	150	Horizontal	Pass
2	2797.500	42.86	-10.45	74.0	-31.14	Peak	301.00	150	Horizontal	Pass
3**	4001.000	36.75	-4.03	54.0	-17.25	AV	57.00	150	Horizontal	Pass
3	4001.000	46.63	-4.03	74.0	-27.37	Peak	57.00	150	Horizontal	Pass
4**	5578.000	85.35	-2.52	--	85.35	AV	288.00	150	Horizontal	N/A
4	5578.000	93.18	-2.52	--	-194.82	Peak	288.00	150	Horizontal	N/A
5**	7485.875	38.05	-2.63	54.0	-15.95	AV	0.00	150	Horizontal	Pass
5	7485.875	47.92	-2.63	74.0	-26.08	Peak	0.00	150	Horizontal	Pass
6**	11896.125	40.18	2.20	54.0	-13.82	AV	149.00	150	Horizontal	Pass
6	11896.125	50.53	2.20	74.0	-23.47	Peak	149.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1508.000	26.21	-17.42	54.0	-27.79	AV	0.00	150	Vertical	Pass
1	1508.000	36.78	-17.42	74.0	-37.22	Peak	0.00	150	Vertical	Pass
2**	2799.500	31.50	-10.57	54.0	-22.50	AV	360.00	150	Vertical	Pass
2	2799.500	42.03	-10.57	74.0	-31.97	Peak	360.00	150	Vertical	Pass
3**	3997.000	36.52	-4.16	54.0	-17.48	AV	64.00	150	Vertical	Pass
3	3997.000	48.11	-4.16	74.0	-25.89	Peak	64.00	150	Vertical	Pass
4**	5682.000	95.22	-1.73	--	95.22	AV	329.00	150	Vertical	N/A
4	5682.000	102.31	-1.73	--	-226.69	Peak	329.00	150	Vertical	N/A
5**	7534.750	37.74	-1.82	54.0	-16.26	AV	21.00	150	Vertical	Pass
5	7534.750	48.13	-1.82	74.0	-25.87	Peak	21.00	150	Vertical	Pass
6**	15516.750	43.86	2.44	54.0	-10.14	AV	-1.00	150	Vertical	Pass
6	15516.750	54.33	2.44	74.0	-19.67	Peak	-1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1517.000	26.82	-17.18	54.0	-27.18	AV	0.00	150	Horizontal	Pass
1	1517.000	36.85	-17.18	74.0	-37.15	Peak	0.00	150	Horizontal	Pass
2**	2764.500	31.99	-10.15	54.0	-22.01	AV	0.00	150	Horizontal	Pass
2	2764.500	42.86	-10.15	74.0	-31.14	Peak	0.00	150	Horizontal	Pass
3**	3995.000	37.21	-4.00	54.0	-16.79	AV	58.00	150	Horizontal	Pass
3	3995.000	46.78	-4.00	74.0	-27.22	Peak	58.00	150	Horizontal	Pass
4**	5677.000	90.36	-2.01	--	90.36	AV	273.00	150	Horizontal	N/A
4	5677.000	97.75	-2.01	--	-175.25	Peak	273.00	150	Horizontal	N/A
5**	7540.500	38.45	-1.50	54.0	-15.55	AV	359.00	150	Horizontal	Pass
5	7540.500	47.80	-1.50	74.0	-26.20	Peak	359.00	150	Horizontal	Pass
6**	15633.563	42.98	2.19	54.0	-11.02	AV	180.00	150	Horizontal	Pass
6	15633.563	53.89	2.19	74.0	-20.11	Peak	180.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11n40 ANT V CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1503.000	26.36	-17.37	54.0	-27.64	AV	302.00	150	Vertical	Pass
1	1503.000	37.00	-17.37	74.0	-37.00	Peak	302.00	150	Vertical	Pass
2**	3986.000	37.29	-4.06	54.0	-16.71	AV	115.00	150	Vertical	Pass
2	3986.000	46.66	-4.06	74.0	-27.34	Peak	115.00	150	Vertical	Pass
3**	4894.000	38.66	-3.15	54.0	-15.34	AV	10.00	150	Vertical	Pass
3	4894.000	49.66	-3.15	74.0	-24.34	Peak	10.00	150	Vertical	Pass
4**	5699.000	94.92	-1.53	--	94.92	AV	286.00	150	Vertical	N/A
4	5699.000	102.20	-1.53	--	-183.80	Peak	286.00	150	Vertical	N/A
5**	7544.813	37.66	-1.67	54.0	-16.34	AV	45.00	150	Vertical	Pass
5	7544.813	48.05	-1.67	74.0	-25.95	Peak	45.00	150	Vertical	Pass
6**	11909.063	40.73	1.92	54.0	-13.27	AV	269.00	150	Vertical	Pass
6	11909.063	50.48	1.92	74.0	-23.52	Peak	269.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11n40 ANT H CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1474.000	26.51	-17.23	54.0	-27.49	AV	212.00	150	Horizontal	Pass
1	1474.000	36.50	-17.23	74.0	-37.50	Peak	212.00	150	Horizontal	Pass
2**	3672.000	36.71	-5.02	54.0	-17.29	AV	339.00	150	Horizontal	Pass
2	3672.000	46.91	-5.02	74.0	-27.09	Peak	339.00	150	Horizontal	Pass
3**	4624.000	38.31	-3.50	54.0	-15.69	AV	232.00	150	Horizontal	Pass
3	4624.000	49.72	-3.50	74.0	-24.28	Peak	232.00	150	Horizontal	Pass
4**	5704.000	87.21	-1.87	--	87.21	AV	286.00	150	Horizontal	N/A
4	5704.000	94.47	-1.87	--	-191.53	Peak	286.00	150	Horizontal	N/A
5**	7518.938	37.69	-2.06	54.0	-16.31	AV	361.00	150	Horizontal	Pass
5	7518.938	48.56	-2.06	74.0	-25.44	Peak	361.00	150	Horizontal	Pass
6**	11709.250	39.58	1.04	54.0	-14.42	AV	81.00	150	Horizontal	Pass
6	11709.250	50.81	1.04	74.0	-23.19	Peak	81.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1510.000	26.53	-17.35	54.0	-27.47	AV	336.00	150	Vertical	Pass
1	1510.000	36.65	-17.35	74.0	-37.35	Peak	336.00	150	Vertical	Pass
2**	3993.000	37.49	-3.74	54.0	-16.51	AV	337.00	150	Vertical	Pass
2	3993.000	47.24	-3.74	74.0	-26.76	Peak	337.00	150	Vertical	Pass
3**	4742.000	38.51	-2.92	54.0	-15.49	AV	197.00	150	Vertical	Pass
3	4742.000	48.93	-2.92	74.0	-25.07	Peak	197.00	150	Vertical	Pass
4**	5503.000	96.03	-2.49	--	96.03	AV	1.00	150	Vertical	N/A
4	5503.000	103.52	-2.49	--	102.52	Peak	1.00	150	Vertical	N/A
5**	8296.625	37.61	-0.96	54.0	-16.39	AV	163.00	150	Vertical	Pass
5	8296.625	48.28	-0.96	74.0	-25.72	Peak	163.00	150	Vertical	Pass
6**	12183.625	40.11	1.01	54.0	-13.89	AV	163.00	150	Vertical	Pass
6	12183.625	50.68	1.01	74.0	-23.32	Peak	163.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1547.000	26.70	-17.41	54.0	-27.30	AV	270.00	150	Horizontal	Pass
1	1547.000	36.42	-17.41	74.0	-37.58	Peak	270.00	150	Horizontal	Pass
2**	2831.000	31.80	-10.20	54.0	-22.20	AV	6.00	150	Horizontal	Pass
2	2831.000	42.46	-10.20	74.0	-31.54	Peak	6.00	150	Horizontal	Pass
3**	3988.000	37.22	-3.91	54.0	-16.78	AV	189.00	150	Horizontal	Pass
3	3988.000	47.50	-3.91	74.0	-26.50	Peak	189.00	150	Horizontal	Pass
4**	5504.000	88.09	-2.51	--	88.09	AV	75.00	150	Horizontal	N/A
4	5504.000	94.99	-2.51	--	19.99	Peak	75.00	150	Horizontal	N/A
5**	7511.750	37.39	-2.50	54.0	-16.61	AV	359.00	150	Horizontal	Pass
5	7511.750	48.16	-2.50	74.0	-25.84	Peak	359.00	150	Horizontal	Pass
6**	11953.625	40.25	1.36	54.0	-13.75	AV	127.00	150	Horizontal	Pass
6	11953.625	50.56	1.36	74.0	-23.44	Peak	127.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1483.500	26.69	-17.30	54.0	-27.31	AV	201.00	150	Vertical	Pass
1	1483.500	36.85	-17.30	74.0	-37.15	Peak	201.00	150	Vertical	Pass
2**	2795.000	31.46	-10.86	54.0	-22.54	AV	348.00	150	Vertical	Pass
2	2795.000	42.50	-10.86	74.0	-31.50	Peak	348.00	150	Vertical	Pass
3**	4102.000	36.29	-5.46	54.0	-17.71	AV	133.00	150	Vertical	Pass
3	4102.000	47.53	-5.46	74.0	-26.47	Peak	133.00	150	Vertical	Pass
4**	5584.000	95.46	-2.76	--	95.46	AV	27.00	150	Vertical	N/A
4	5584.000	103.43	-2.76	--	76.43	Peak	27.00	150	Vertical	N/A
5**	7527.563	37.97	-1.81	54.0	-16.03	AV	0.00	150	Vertical	Pass
5	7527.563	49.07	-1.81	74.0	-24.93	Peak	0.00	150	Vertical	Pass
6**	12074.375	39.89	0.95	54.0	-14.11	AV	77.00	150	Vertical	Pass
6	12074.375	51.57	0.95	74.0	-22.43	Peak	77.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1561.000	26.27	-17.54	54.0	-27.73	AV	171.00	150	Horizontal	Pass
1	1561.000	36.87	-17.54	74.0	-37.13	Peak	171.00	150	Horizontal	Pass
2**	2774.500	31.86	-10.45	54.0	-22.14	AV	100.00	150	Horizontal	Pass
2	2774.500	42.30	-10.45	74.0	-31.70	Peak	100.00	150	Horizontal	Pass
3**	3993.000	37.08	-3.74	54.0	-16.92	AV	260.00	150	Horizontal	Pass
3	3993.000	47.09	-3.74	74.0	-26.91	Peak	260.00	150	Horizontal	Pass
4**	5583.000	88.50	-2.88	--	88.50	AV	275.00	150	Horizontal	N/A
4	5583.000	96.54	-2.88	--	-178.46	Peak	275.00	150	Horizontal	N/A
5**	7603.750	37.98	-2.44	54.0	-16.02	AV	350.00	150	Horizontal	Pass
5	7603.750	48.60	-2.44	74.0	-25.40	Peak	350.00	150	Horizontal	Pass
6**	10879.813	39.39	0.34	54.0	-14.61	AV	317.00	150	Horizontal	Pass
6	10879.813	50.74	0.34	74.0	-23.26	Peak	317.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1575.500	26.22	-17.34	54.0	-27.78	AV	0.00	150	Vertical	Pass
1	1575.500	36.57	-17.34	74.0	-37.43	Peak	0.00	150	Vertical	Pass
2**	3671.000	36.58	-5.35	54.0	-17.42	AV	335.00	150	Vertical	Pass
2	3671.000	46.59	-5.35	74.0	-27.41	Peak	335.00	150	Vertical	Pass
3**	4836.000	38.90	-2.56	54.0	-15.10	AV	8.00	150	Vertical	Pass
3	4836.000	48.96	-2.56	74.0	-25.04	Peak	8.00	150	Vertical	Pass
4**	5697.000	97.66	-1.51	--	97.66	AV	335.00	150	Vertical	N/A
4	5697.000	103.76	-1.51	--	-231.24	Peak	335.00	150	Vertical	N/A
5**	7422.625	37.80	-2.51	54.0	-16.20	AV	360.00	150	Vertical	Pass
5	7422.625	48.33	-2.51	74.0	-25.67	Peak	360.00	150	Vertical	Pass
6**	12318.750	40.30	1.71	54.0	-13.70	AV	337.00	150	Vertical	Pass
6	12318.750	51.62	1.71	74.0	-22.38	Peak	337.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1473.000	26.53	-17.14	54.0	-27.47	AV	0.00	150	Horizontal	Pass
1	1473.000	37.31	-17.14	74.0	-36.69	Peak	0.00	150	Horizontal	Pass
2**	2826.000	32.17	-9.84	54.0	-21.83	AV	313.00	150	Horizontal	Pass
2	2826.000	42.82	-9.84	74.0	-31.18	Peak	313.00	150	Horizontal	Pass
3**	3997.000	36.71	-4.16	54.0	-17.29	AV	360.00	150	Horizontal	Pass
3	3997.000	47.62	-4.16	74.0	-26.38	Peak	360.00	150	Horizontal	Pass
4**	5704.000	90.88	-1.87	--	90.88	AV	264.00	150	Horizontal	N/A
4	5704.000	97.31	-1.87	--	-166.69	Peak	264.00	150	Horizontal	N/A
5**	7589.375	36.67	-2.79	54.0	-17.33	AV	86.00	150	Horizontal	Pass
5	7589.375	47.97	-2.79	74.0	-26.03	Peak	86.00	150	Horizontal	Pass
6**	15511.500	43.54	2.31	54.0	-10.46	AV	360.00	150	Horizontal	Pass
6	15511.500	54.36	2.31	74.0	-19.64	Peak	360.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac20 ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1572.500	26.39	-17.16	54.0	-27.61	AV	59.00	150	Vertical	Pass
1	1572.500	37.52	-17.16	74.0	-36.48	Peak	59.00	150	Vertical	Pass
2**	3990.000	37.19	-3.91	54.0	-16.81	AV	157.00	150	Vertical	Pass
2	3990.000	46.72	-3.91	74.0	-27.28	Peak	157.00	150	Vertical	Pass
3**	4914.000	38.54	-2.95	54.0	-15.46	AV	32.00	150	Vertical	Pass
3	4914.000	49.66	-2.95	74.0	-24.34	Peak	32.00	150	Vertical	Pass
4**	5724.000	96.09	-2.17	--	96.09	AV	333.00	150	Vertical	N/A
4	5724.000	103.42	-2.17	--	-229.58	Peak	333.00	150	Vertical	N/A
5**	7481.563	37.63	-3.28	54.0	-16.37	AV	353.00	150	Vertical	Pass
5	7481.563	47.77	-3.28	74.0	-26.23	Peak	353.00	150	Vertical	Pass
6**	10983.312	39.57	-0.05	54.0	-14.43	AV	359.00	150	Vertical	Pass
6	10983.312	50.35	-0.05	74.0	-23.65	Peak	359.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac20 ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1512.000	26.37	-17.49	54.0	-27.63	AV	236.00	150	Horizontal	Pass
1	1512.000	37.15	-17.49	74.0	-36.85	Peak	236.00	150	Horizontal	Pass
2**	2735.000	31.82	-10.67	54.0	-22.18	AV	327.00	150	Horizontal	Pass
2	2735.000	42.77	-10.67	74.0	-31.23	Peak	327.00	150	Horizontal	Pass
3**	3992.000	37.38	-3.84	54.0	-16.62	AV	5.00	150	Horizontal	Pass
3	3992.000	47.09	-3.84	74.0	-26.91	Peak	5.00	150	Horizontal	Pass
4**	5715.000	87.47	-2.43	--	87.47	AV	285.00	150	Horizontal	N/A
4	5715.000	96.05	-2.43	--	-188.95	Peak	285.00	150	Horizontal	N/A
5**	7513.187	37.97	-2.23	54.0	-16.03	AV	168.00	150	Horizontal	Pass
5	7513.187	48.08	-2.23	74.0	-25.92	Peak	168.00	150	Horizontal	Pass
6**	11707.813	39.91	0.98	54.0	-14.09	AV	361.00	150	Horizontal	Pass
6	11707.813	50.37	0.98	74.0	-23.63	Peak	361.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1509.500	26.19	-17.32	54.0	-27.81	AV	347.00	150	Vertical	Pass
1	1509.500	36.61	-17.32	74.0	-37.39	Peak	347.00	150	Vertical	Pass
2**	2812.500	32.49	-10.00	54.0	-21.51	AV	94.00	150	Vertical	Pass
2	2812.500	42.71	-10.00	74.0	-31.29	Peak	94.00	150	Vertical	Pass
3**	4000.000	36.99	-4.02	54.0	-17.01	AV	280.00	150	Vertical	Pass
3	4000.000	46.99	-4.02	74.0	-27.01	Peak	280.00	150	Vertical	Pass
4**	5508.000	94.56	-2.41	--	94.56	AV	0.00	150	Vertical	N/A
4	5508.000	101.99	-2.41	--	101.99	Peak	0.00	150	Vertical	N/A
5**	7549.125	38.06	-1.58	54.0	-15.94	AV	289.00	150	Vertical	Pass
5	7549.125	48.10	-1.58	74.0	-25.90	Peak	289.00	150	Vertical	Pass
6**	11644.562	39.21	0.04	54.0	-14.79	AV	11.00	150	Vertical	Pass
6	11644.562	50.66	0.04	74.0	-23.34	Peak	11.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1574.000	26.65	-17.21	54.0	-27.35	AV	169.00	150	Horizontal	Pass
1	1574.000	36.35	-17.21	74.0	-37.65	Peak	169.00	150	Horizontal	Pass
2**	2789.500	32.11	-10.49	54.0	-21.89	AV	0.00	150	Horizontal	Pass
2	2789.500	43.40	-10.49	74.0	-30.60	Peak	0.00	150	Horizontal	Pass
3**	3671.000	36.77	-5.35	54.0	-17.23	AV	40.00	150	Horizontal	Pass
3	3671.000	47.20	-5.35	74.0	-26.80	Peak	40.00	150	Horizontal	Pass
4**	5521.000	85.79	-2.43	--	85.79	AV	81.00	150	Horizontal	N/A
4	5521.000	93.95	-2.43	--	12.95	Peak	81.00	150	Horizontal	N/A
5**	7544.813	38.04	-1.67	54.0	-15.96	AV	359.00	150	Horizontal	Pass
5	7544.813	49.20	-1.67	74.0	-24.80	Peak	359.00	150	Horizontal	Pass
6**	11796.938	39.04	1.12	54.0	-14.96	AV	0.00	150	Horizontal	Pass
6	11796.938	50.23	1.12	74.0	-23.77	Peak	0.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1466.000	25.69	-17.56	54.0	-28.31	AV	274.00	150	Vertical	Pass
1	1466.000	37.11	-17.56	74.0	-36.89	Peak	274.00	150	Vertical	Pass
2**	2753.500	31.97	-10.37	54.0	-22.03	AV	307.00	150	Vertical	Pass
2	2753.500	43.23	-10.37	74.0	-30.77	Peak	307.00	150	Vertical	Pass
3**	3669.000	36.65	-5.55	54.0	-17.35	AV	61.00	150	Vertical	Pass
3	3669.000	46.96	-5.55	74.0	-27.04	Peak	61.00	150	Vertical	Pass
4**	5580.000	94.46	-2.47	--	94.46	AV	329.00	150	Vertical	N/A
4	5580.000	101.87	-2.47	--	-227.13	Peak	329.00	150	Vertical	N/A
5**	7437.000	37.96	-2.53	54.0	-16.04	AV	360.00	150	Vertical	Pass
5	7437.000	48.31	-2.53	74.0	-25.69	Peak	360.00	150	Vertical	Pass
6**	11887.500	40.16	2.04	54.0	-13.84	AV	0.00	150	Vertical	Pass
6	11887.500	50.35	2.04	74.0	-23.65	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1491.500	26.23	-17.27	54.0	-27.77	AV	263.00	150	Horizontal	Pass
1	1491.500	37.86	-17.27	74.0	-36.14	Peak	263.00	150	Horizontal	Pass
2**	2824.500	32.38	-9.82	54.0	-21.62	AV	132.00	150	Horizontal	Pass
2	2824.500	42.53	-9.82	74.0	-31.47	Peak	132.00	150	Horizontal	Pass
3**	3996.000	36.77	-4.08	54.0	-17.23	AV	144.00	150	Horizontal	Pass
3	3996.000	46.44	-4.08	74.0	-27.56	Peak	144.00	150	Horizontal	Pass
4**	5600.000	85.75	-2.17	--	85.75	AV	277.00	150	Horizontal	N/A
4	5600.000	93.05	-2.17	--	-183.95	Peak	277.00	150	Horizontal	N/A
5**	7534.750	37.99	-1.82	54.0	-16.01	AV	0.00	150	Horizontal	Pass
5	7534.750	47.88	-1.82	74.0	-26.12	Peak	0.00	150	Horizontal	Pass
6**	12206.625	39.98	1.21	54.0	-14.02	AV	360.00	150	Horizontal	Pass
6	12206.625	51.16	1.21	74.0	-22.84	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1489.500	25.97	-17.39	54.0	-28.03	AV	37.00	150	Vertical	Pass
1	1489.500	36.91	-17.39	74.0	-37.09	Peak	37.00	150	Vertical	Pass
2**	3676.000	37.17	-5.15	54.0	-16.83	AV	28.00	150	Vertical	Pass
2	3676.000	46.56	-5.15	74.0	-27.44	Peak	28.00	150	Vertical	Pass
3**	4860.000	39.14	-2.64	54.0	-14.86	AV	345.00	150	Vertical	Pass
3	4860.000	49.32	-2.64	74.0	-24.68	Peak	345.00	150	Vertical	Pass
4**	5680.000	95.33	-1.61	--	95.33	AV	325.00	150	Vertical	N/A
4	5680.000	102.77	-1.61	--	-222.23	Peak	325.00	150	Vertical	N/A
5**	7491.625	37.95	-2.67	54.0	-16.05	AV	194.00	150	Vertical	Pass
5	7491.625	47.70	-2.67	74.0	-26.30	Peak	194.00	150	Vertical	Pass
6**	12055.687	40.32	1.37	54.0	-13.68	AV	134.00	150	Vertical	Pass
6	12055.687	50.93	1.37	74.0	-23.07	Peak	134.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1562.500	26.17	-17.33	54.0	-27.83	AV	127.00	150	Horizontal	Pass
1	1562.500	37.02	-17.33	74.0	-36.98	Peak	127.00	150	Horizontal	Pass
2**	2786.000	32.01	-10.29	54.0	-21.99	AV	57.00	150	Horizontal	Pass
2	2786.000	43.06	-10.29	74.0	-30.94	Peak	57.00	150	Horizontal	Pass
3**	3990.000	37.51	-3.91	54.0	-16.49	AV	328.00	150	Horizontal	Pass
3	3990.000	46.84	-3.91	74.0	-27.16	Peak	328.00	150	Horizontal	Pass
4**	5680.000	87.12	-1.61	--	87.12	AV	274.00	150	Horizontal	N/A
4	5680.000	94.31	-1.61	--	-179.69	Peak	274.00	150	Horizontal	N/A
5**	7517.500	37.53	-2.03	54.0	-16.47	AV	297.00	150	Horizontal	Pass
5	7517.500	48.32	-2.03	74.0	-25.68	Peak	297.00	150	Horizontal	Pass
6**	12133.313	39.88	0.77	54.0	-14.12	AV	0.00	150	Horizontal	Pass
6	12133.313	50.91	0.77	74.0	-23.09	Peak	0.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac40 ANT V CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1573.000	26.56	-17.12	54.0	-27.44	AV	107.00	150	Vertical	Pass
1	1573.000	36.91	-17.12	74.0	-37.09	Peak	107.00	150	Vertical	Pass
2**	3673.000	36.85	-5.11	54.0	-17.15	AV	289.00	150	Vertical	Pass
2	3673.000	46.88	-5.11	74.0	-27.12	Peak	289.00	150	Vertical	Pass
3**	4889.000	38.78	-2.84	54.0	-15.22	AV	0.00	150	Vertical	Pass
3	4889.000	49.44	-2.84	74.0	-24.56	Peak	0.00	150	Vertical	Pass
4**	5699.000	95.53	-1.53	--	95.53	AV	345.00	150	Vertical	N/A
4	5699.000	102.66	-1.53	--	-242.34	Peak	345.00	150	Vertical	N/A
5**	7537.625	38.23	-1.81	54.0	-15.77	AV	155.00	150	Vertical	Pass
5	7537.625	47.66	-1.81	74.0	-26.34	Peak	155.00	150	Vertical	Pass
6**	15561.375	43.48	2.41	54.0	-10.52	AV	72.00	150	Vertical	Pass
6	15561.375	54.40	2.41	74.0	-19.60	Peak	72.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac40 ANT H CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1574.500	26.71	-17.26	54.0	-27.29	AV	0.00	150	Horizontal	Pass
1	1574.500	37.24	-17.26	74.0	-36.76	Peak	0.00	150	Horizontal	Pass
2**	2789.500	31.89	-10.49	54.0	-22.11	AV	359.00	150	Horizontal	Pass
2	2789.500	42.01	-10.49	74.0	-31.99	Peak	359.00	150	Horizontal	Pass
3**	3994.000	36.89	-3.86	54.0	-17.11	AV	171.00	150	Horizontal	Pass
3	3994.000	46.86	-3.86	74.0	-27.14	Peak	171.00	150	Horizontal	Pass
4**	5704.000	87.82	-1.87	--	87.82	AV	285.00	150	Horizontal	N/A
4	5704.000	95.37	-1.87	--	-189.63	Peak	285.00	150	Horizontal	N/A
5**	7529.000	37.68	-1.88	54.0	-16.32	AV	65.00	150	Horizontal	Pass
5	7529.000	48.68	-1.88	74.0	-25.32	Peak	65.00	150	Horizontal	Pass
6**	11279.438	39.94	0.61	54.0	-14.06	AV	358.00	150	Horizontal	Pass
6	11279.438	50.27	0.61	74.0	-23.73	Peak	358.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1385.000	25.85	-17.19	54.0	-28.15	AV	37.00	150	Vertical	Pass
1	1385.000	36.76	-17.19	74.0	-37.24	Peak	37.00	150	Vertical	Pass
2**	2766.500	31.41	-10.48	54.0	-22.59	AV	-1.00	150	Vertical	Pass
2	2766.500	42.46	-10.48	74.0	-31.54	Peak	-1.00	150	Vertical	Pass
3**	3997.000	36.65	-4.16	54.0	-17.35	AV	360.00	150	Vertical	Pass
3	3997.000	47.03	-4.16	74.0	-26.97	Peak	360.00	150	Vertical	Pass
4**	5538.000	93.02	-2.53	--	93.02	AV	304.00	150	Vertical	N/A
4	5538.000	101.00	-2.53	--	-203.00	Peak	304.00	150	Vertical	N/A
5**	8187.375	37.32	-2.16	54.0	-16.68	AV	-1.00	150	Vertical	Pass
5	8187.375	48.35	-2.16	74.0	-25.65	Peak	-1.00	150	Vertical	Pass
6**	12268.438	40.18	1.62	54.0	-13.82	AV	300.00	150	Vertical	Pass
6	12268.438	51.21	1.62	74.0	-22.79	Peak	300.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1381.500	26.16	-17.35	54.0	-27.84	AV	360.00	150	Horizontal	Pass
1	1381.500	36.83	-17.35	74.0	-37.17	Peak	360.00	150	Horizontal	Pass
2**	2789.500	31.70	-10.49	54.0	-22.30	AV	191.00	150	Horizontal	Pass
2	2789.500	42.36	-10.49	74.0	-31.64	Peak	191.00	150	Horizontal	Pass
3**	3986.000	37.29	-4.06	54.0	-16.71	AV	361.00	150	Horizontal	Pass
3	3986.000	47.92	-4.06	74.0	-26.08	Peak	361.00	150	Horizontal	Pass
4**	5533.000	81.12	-2.44	--	81.12	AV	303.00	150	Horizontal	N/A
4	5533.000	88.63	-2.44	--	-214.37	Peak	303.00	150	Horizontal	N/A
5**	7541.938	37.91	-1.40	54.0	-16.09	AV	1.00	150	Horizontal	Pass
5	7541.938	48.09	-1.40	74.0	-25.91	Peak	1.00	150	Horizontal	Pass
6**	12269.875	39.82	1.67	54.0	-14.18	AV	360.00	150	Horizontal	Pass
6	12269.875	51.24	1.67	74.0	-22.76	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1349.500	26.19	-17.26	54.0	-27.81	AV	323.00	150	Vertical	Pass
1	1349.500	36.68	-17.26	74.0	-37.32	Peak	323.00	150	Vertical	Pass
2**	2797.000	32.15	-10.38	54.0	-21.85	AV	104.00	150	Vertical	Pass
2	2797.000	43.05	-10.38	74.0	-30.95	Peak	104.00	150	Vertical	Pass
3**	4743.000	39.06	-2.88	54.0	-14.94	AV	38.00	150	Vertical	Pass
3	4743.000	49.39	-2.88	74.0	-24.61	Peak	38.00	150	Vertical	Pass
4**	5606.000	94.28	-2.45	--	94.28	AV	289.00	150	Vertical	N/A
4	5606.000	102.06	-2.45	--	-186.94	Peak	289.00	150	Vertical	N/A
5**	7448.500	36.94	-3.12	54.0	-17.06	AV	359.00	150	Vertical	Pass
5	7448.500	47.86	-3.12	74.0	-26.14	Peak	359.00	150	Vertical	Pass
6**	11896.125	40.48	2.20	54.0	-13.52	AV	298.00	150	Vertical	Pass
6	11896.125	50.90	2.20	74.0	-23.10	Peak	298.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1518.500	26.25	-17.23	54.0	-27.75	AV	40.00	150	Horizontal	Pass
1	1518.500	37.19	-17.23	74.0	-36.81	Peak	40.00	150	Horizontal	Pass
2**	2869.500	31.95	-10.30	54.0	-22.05	AV	40.00	150	Horizontal	Pass
2	2869.500	42.40	-10.30	74.0	-31.60	Peak	40.00	150	Horizontal	Pass
3**	4294.000	37.45	-4.24	54.0	-16.55	AV	158.00	150	Horizontal	Pass
3	4294.000	48.09	-4.24	74.0	-25.91	Peak	158.00	150	Horizontal	Pass
4**	5614.000	83.16	-2.16	--	83.16	AV	279.00	150	Horizontal	N/A
4	5614.000	91.25	-2.16	--	-187.75	Peak	279.00	150	Horizontal	N/A
5**	7546.250	37.75	-1.56	54.0	-16.25	AV	300.00	150	Horizontal	Pass
5	7546.250	48.66	-1.56	74.0	-25.34	Peak	300.00	150	Horizontal	Pass
6**	12055.687	39.98	1.37	54.0	-14.02	AV	171.00	150	Horizontal	Pass
6	12055.687	50.37	1.37	74.0	-23.63	Peak	171.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac80 ANT V CH138

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1351.500	27.26	-17.39	54.0	-26.74	AV	360.00	150	Vertical	Pass
1	1351.500	36.98	-17.39	74.0	-37.02	Peak	360.00	150	Vertical	Pass
2**	2272.000	30.55	-12.59	54.0	-23.45	AV	152.00	150	Vertical	Pass
2	2272.000	42.08	-12.59	74.0	-31.92	Peak	152.00	150	Vertical	Pass
3**	4878.000	46.26	-2.61	54.0	-7.74	AV	179.00	150	Vertical	Pass
3	4878.000	50.35	-2.61	74.0	-23.65	Peak	179.00	150	Vertical	Pass
4**	5686.000	94.13	-1.73	--	94.13	AV	200.00	150	Vertical	N/A
4	5686.000	101.75	-1.73	--	-98.25	Peak	200.00	150	Vertical	N/A
5**	7503.125	37.43	-2.26	54.0	-16.57	AV	7.00	150	Vertical	Pass
5	7503.125	48.96	-2.26	74.0	-25.04	Peak	7.00	150	Vertical	Pass
6**	12555.938	39.99	1.74	54.0	-14.01	AV	359.00	150	Vertical	Pass
6	12555.938	51.24	1.74	74.0	-22.76	Peak	359.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac80 ANT H CH138

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1338.500	26.20	-17.20	54.0	-27.80	AV	54.00	150	Horizontal	Pass
1	1338.500	36.89	-17.20	74.0	-37.11	Peak	54.00	150	Horizontal	Pass
2**	2776.000	31.85	-10.45	54.0	-22.15	AV	110.00	150	Horizontal	Pass
2	2776.000	42.90	-10.45	74.0	-31.10	Peak	110.00	150	Horizontal	Pass
3**	4100.000	36.42	-5.44	54.0	-17.58	AV	13.00	150	Horizontal	Pass
3	4100.000	48.15	-5.44	74.0	-25.85	Peak	13.00	150	Horizontal	Pass
4**	5700.000	84.34	-1.63	--	84.34	AV	285.00	150	Horizontal	N/A
4	5700.000	92.84	-1.63	--	-192.16	Peak	285.00	150	Horizontal	N/A
5**	8395.812	37.74	-1.01	54.0	-16.26	AV	296.00	150	Horizontal	Pass
5	8395.812	48.86	-1.01	74.0	-25.14	Peak	296.00	150	Horizontal	Pass
6**	11952.187	39.17	1.42	54.0	-14.83	AV	57.00	150	Horizontal	Pass
6	11952.187	50.75	1.42	74.0	-23.25	Peak	57.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1495.000	26.03	-17.41	54.0	-27.97	AV	330.00	150	Vertical	Pass
1	1495.000	36.97	-17.41	74.0	-37.03	Peak	330.00	150	Vertical	Pass
2**	2793.000	31.60	-10.60	54.0	-22.40	AV	360.00	150	Vertical	Pass
2	2793.000	42.38	-10.60	74.0	-31.62	Peak	360.00	150	Vertical	Pass
3**	4925.000	46.08	-3.22	54.0	-7.92	AV	314.00	150	Vertical	Pass
3	4925.000	50.34	-3.22	74.0	-23.66	Peak	314.00	150	Vertical	Pass
4**	5748.000	96.53	-2.18	--	96.53	AV	292.00	150	Vertical	N/A
4	5748.000	103.95	-2.18	--	-188.05	Peak	292.00	150	Vertical	N/A
5**	9075.750	37.76	-0.92	54.0	-16.24	AV	339.00	150	Vertical	Pass
5	9075.750	48.81	-0.92	74.0	-25.19	Peak	339.00	150	Vertical	Pass
6**	12018.312	39.68	1.21	54.0	-14.32	AV	155.00	150	Vertical	Pass
6	12018.312	50.42	1.21	74.0	-23.58	Peak	155.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1540.500	26.33	-17.49	54.0	-27.67	AV	93.00	150	Horizontal	Pass
1	1540.500	36.23	-17.49	74.0	-37.77	Peak	93.00	150	Horizontal	Pass
2**	2252.500	30.50	-12.65	54.0	-23.50	AV	199.00	150	Horizontal	Pass
2	2252.500	41.66	-12.65	74.0	-32.34	Peak	199.00	150	Horizontal	Pass
3**	3980.000	37.05	-4.29	54.0	-16.95	AV	359.00	150	Horizontal	Pass
3	3980.000	47.02	-4.29	74.0	-26.98	Peak	359.00	150	Horizontal	Pass
4**	5741.000	84.97	-2.21	--	84.97	AV	107.00	150	Horizontal	N/A
4	5741.000	92.69	-2.21	--	-14.31	Peak	107.00	150	Horizontal	N/A
5**	8296.625	37.55	-0.96	54.0	-16.45	AV	360.00	150	Horizontal	Pass
5	8296.625	49.95	-0.96	74.0	-24.05	Peak	360.00	150	Horizontal	Pass
6**	11614.375	39.13	0.33	54.0	-14.87	AV	360.00	150	Horizontal	Pass
6	11614.375	50.46	0.33	74.0	-23.54	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1546.000	26.76	-17.25	54.0	-27.24	AV	75.00	150	Vertical	Pass
1	1546.000	36.48	-17.25	74.0	-37.52	Peak	75.00	150	Vertical	Pass
2**	2831.000	31.44	-10.20	54.0	-22.56	AV	138.00	150	Vertical	Pass
2	2831.000	42.84	-10.20	74.0	-31.16	Peak	138.00	150	Vertical	Pass
3**	4001.000	36.54	-4.03	54.0	-17.46	AV	339.00	150	Vertical	Pass
3	4001.000	47.60	-4.03	74.0	-26.40	Peak	339.00	150	Vertical	Pass
4**	5781.000	96.32	-1.89	--	96.32	AV	320.00	150	Vertical	N/A
4	5781.000	103.63	-1.89	--	-216.37	Peak	320.00	150	Vertical	N/A
5**	8311.000	37.68	-1.05	54.0	-16.32	AV	225.00	150	Vertical	Pass
5	8311.000	48.27	-1.05	74.0	-25.73	Peak	225.00	150	Vertical	Pass
6**	11903.313	40.56	2.11	54.0	-13.44	AV	360.00	150	Vertical	Pass
6	11903.313	50.37	2.11	74.0	-23.63	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1500.500	26.17	-17.50	54.0	-27.83	AV	243.00	150	Horizontal	Pass
1	1500.500	36.50	-17.50	74.0	-37.50	Peak	243.00	150	Horizontal	Pass
2**	2783.500	31.67	-10.47	54.0	-22.33	AV	272.00	150	Horizontal	Pass
2	2783.500	42.83	-10.47	74.0	-31.17	Peak	272.00	150	Horizontal	Pass
3**	3992.000	37.31	-3.84	54.0	-16.69	AV	226.00	150	Horizontal	Pass
3	3992.000	46.89	-3.84	74.0	-27.11	Peak	226.00	150	Horizontal	Pass
4**	5781.000	84.48	-1.89	--	84.48	AV	53.00	150	Horizontal	N/A
4	5781.000	92.15	-1.89	--	39.15	Peak	53.00	150	Horizontal	N/A
5**	7533.313	38.19	-1.65	54.0	-15.81	AV	179.00	150	Horizontal	Pass
5	7533.313	47.91	-1.65	74.0	-26.09	Peak	179.00	150	Horizontal	Pass
6**	10864.000	39.06	0.52	54.0	-14.94	AV	233.00	150	Horizontal	Pass
6	10864.000	50.38	0.52	74.0	-23.62	Peak	233.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1546.000	26.07	-17.25	54.0	-27.93	AV	59.00	150	Vertical	Pass
1	1546.000	37.10	-17.25	74.0	-36.90	Peak	59.00	150	Vertical	Pass
2**	2827.500	31.73	-9.92	54.0	-22.27	AV	108.00	150	Vertical	Pass
2	2827.500	42.57	-9.92	74.0	-31.43	Peak	108.00	150	Vertical	Pass
3**	4000.000	36.88	-4.02	54.0	-17.12	AV	246.00	150	Vertical	Pass
3	4000.000	47.42	-4.02	74.0	-26.58	Peak	246.00	150	Vertical	Pass
4**	5829.000	96.91	-1.74	--	96.91	AV	197.00	150	Vertical	N/A
4	5829.000	104.06	-1.74	--	-92.94	Peak	197.00	150	Vertical	N/A
5**	8313.875	37.38	-1.48	54.0	-16.62	AV	74.00	150	Vertical	Pass
5	8313.875	48.58	-1.48	74.0	-25.42	Peak	74.00	150	Vertical	Pass
6**	12038.438	40.17	1.18	54.0	-13.83	AV	181.00	150	Vertical	Pass
6	12038.438	50.56	1.18	74.0	-23.44	Peak	181.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1536.000	25.91	-17.60	54.0	-28.09	AV	164.00	150	Horizontal	Pass
1	1536.000	36.54	-17.60	74.0	-37.46	Peak	164.00	150	Horizontal	Pass
2**	2850.500	31.93	-10.38	54.0	-22.07	AV	18.00	150	Horizontal	Pass
2	2850.500	43.18	-10.38	74.0	-30.82	Peak	18.00	150	Horizontal	Pass
3**	3667.000	36.31	-5.50	54.0	-17.69	AV	361.00	150	Horizontal	Pass
3	3667.000	47.61	-5.50	74.0	-26.39	Peak	361.00	150	Horizontal	Pass
4**	5830.000	85.67	-1.69	--	85.67	AV	15.00	150	Horizontal	N/A
4	5830.000	91.65	-1.69	--	76.65	Peak	15.00	150	Horizontal	N/A
5**	7570.687	36.82	-2.55	54.0	-17.18	AV	209.00	150	Horizontal	Pass
5	7570.687	48.28	-2.55	74.0	-25.72	Peak	209.00	150	Horizontal	Pass
6**	12014.000	39.48	1.30	54.0	-14.52	AV	151.00	150	Horizontal	Pass
6	12014.000	50.30	1.30	74.0	-23.70	Peak	151.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1350.000	26.48	-17.28	54.0	-27.52	AV	0.00	150	Vertical	Pass
1	1350.000	36.74	-17.28	74.0	-37.26	Peak	0.00	150	Vertical	Pass
2**	2808.500	32.34	-9.87	54.0	-21.66	AV	346.00	150	Vertical	Pass
2	2808.500	42.77	-9.87	74.0	-31.23	Peak	346.00	150	Vertical	Pass
3**	4925.000	46.61	-3.22	54.0	-7.39	AV	191.00	150	Vertical	Pass
3	4925.000	50.15	-3.22	74.0	-23.85	Peak	191.00	150	Vertical	Pass
4**	5749.000	96.02	-2.22	--	96.02	AV	307.00	150	Vertical	N/A
4	5749.000	103.15	-2.22	--	-203.85	Peak	307.00	150	Vertical	N/A
5**	9128.937	38.23	-0.86	54.0	-15.77	AV	306.00	150	Vertical	Pass
5	9128.937	48.88	-0.86	74.0	-25.12	Peak	306.00	150	Vertical	Pass
6**	11512.313	39.13	-0.02	54.0	-14.87	AV	-1.00	150	Vertical	Pass
6	11512.313	51.10	-0.02	74.0	-22.90	Peak	-1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1473.000	26.51	-17.14	54.0	-27.49	AV	319.00	150	Horizontal	Pass
1	1473.000	37.51	-17.14	74.0	-36.49	Peak	319.00	150	Horizontal	Pass
2**	2782.500	31.64	-10.35	54.0	-22.36	AV	211.00	150	Horizontal	Pass
2	2782.500	42.24	-10.35	74.0	-31.76	Peak	211.00	150	Horizontal	Pass
3**	3984.000	36.86	-4.24	54.0	-17.14	AV	360.00	150	Horizontal	Pass
3	3984.000	47.80	-4.24	74.0	-26.20	Peak	360.00	150	Horizontal	Pass
4**	5748.000	85.57	-2.18	--	85.57	AV	117.00	150	Horizontal	N/A
4	5748.000	92.82	-2.18	--	-24.18	Peak	117.00	150	Horizontal	N/A
5**	7543.375	37.87	-1.66	54.0	-16.13	AV	217.00	150	Horizontal	Pass
5	7543.375	48.57	-1.66	74.0	-25.43	Peak	217.00	150	Horizontal	Pass
6**	11566.937	39.35	-0.06	54.0	-14.65	AV	0.00	150	Horizontal	Pass
6	11566.937	50.07	-0.06	74.0	-23.93	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1484.000	26.22	-17.36	54.0	-27.78	AV	360.00	150	Vertical	Pass
1	1484.000	36.51	-17.36	74.0	-37.49	Peak	360.00	150	Vertical	Pass
2**	2750.500	31.65	-10.56	54.0	-22.35	AV	7.00	150	Vertical	Pass
2	2750.500	42.39	-10.56	74.0	-31.61	Peak	7.00	150	Vertical	Pass
3**	4959.000	45.51	-2.61	54.0	-8.49	AV	310.00	150	Vertical	Pass
3	4959.000	52.51	-2.61	74.0	-21.49	Peak	310.00	150	Vertical	Pass
4**	5782.000	96.88	-2.02	--	96.88	AV	287.00	150	Vertical	N/A
4	5782.000	103.46	-2.02	--	-183.54	Peak	287.00	150	Vertical	N/A
5**	7491.625	37.80	-2.67	54.0	-16.20	AV	166.00	150	Vertical	Pass
5	7491.625	47.86	-2.67	74.0	-26.14	Peak	166.00	150	Vertical	Pass
6**	12223.875	40.53	1.69	54.0	-13.47	AV	295.00	150	Vertical	Pass
6	12223.875	51.38	1.69	74.0	-22.62	Peak	295.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1468.000	26.12	-17.28	54.0	-27.88	AV	184.00	150	Horizontal	Pass
1	1468.000	36.72	-17.28	74.0	-37.28	Peak	184.00	150	Horizontal	Pass
2**	2811.500	32.01	-9.99	54.0	-21.99	AV	248.00	150	Horizontal	Pass
2	2811.500	42.34	-9.99	74.0	-31.66	Peak	248.00	150	Horizontal	Pass
3**	3995.000	36.21	-4.00	54.0	-17.79	AV	0.00	150	Horizontal	Pass
3	3995.000	49.41	-4.00	74.0	-24.59	Peak	0.00	150	Horizontal	Pass
4**	5782.000	83.59	-2.02	--	83.59	AV	57.00	150	Horizontal	N/A
4	5782.000	91.29	-2.02	--	34.29	Peak	57.00	150	Horizontal	N/A
5**	8183.063	37.85	-1.89	54.0	-16.15	AV	208.00	150	Horizontal	Pass
5	8183.063	48.44	-1.89	74.0	-25.56	Peak	208.00	150	Horizontal	Pass
6**	12156.313	40.14	0.95	54.0	-13.86	AV	8.00	150	Horizontal	Pass
6	12156.313	50.57	0.95	74.0	-23.43	Peak	8.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1544.000	26.99	-17.40	54.0	-27.01	AV	347.00	150	Vertical	Pass
1	1544.000	36.48	-17.40	74.0	-37.52	Peak	347.00	150	Vertical	Pass
2**	2829.000	32.12	-10.05	54.0	-21.88	AV	34.00	150	Vertical	Pass
2	2829.000	42.68	-10.05	74.0	-31.32	Peak	34.00	150	Vertical	Pass
3**	4994.000	47.10	-3.07	54.0	-6.90	AV	193.00	150	Vertical	Pass
3	4994.000	47.88	-3.07	74.0	-26.12	Peak	193.00	150	Vertical	Pass
4**	5821.000	96.37	-2.01	--	96.37	AV	291.00	150	Vertical	N/A
4	5821.000	103.57	-2.01	--	-187.43	Peak	291.00	150	Vertical	N/A
5**	7549.125	37.63	-1.58	54.0	-16.37	AV	121.00	150	Vertical	Pass
5	7549.125	48.33	-1.58	74.0	-25.67	Peak	121.00	150	Vertical	Pass
6**	12284.250	39.54	2.08	54.0	-14.46	AV	342.00	150	Vertical	Pass
6	12284.250	51.05	2.08	74.0	-22.95	Peak	342.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1478.500	26.30	-17.53	54.0	-27.70	AV	144.00	150	Horizontal	Pass
1	1478.500	36.56	-17.53	74.0	-37.44	Peak	144.00	150	Horizontal	Pass
2**	2875.000	31.75	-10.30	54.0	-22.25	AV	231.00	150	Horizontal	Pass
2	2875.000	42.96	-10.30	74.0	-31.04	Peak	231.00	150	Horizontal	Pass
3**	3978.000	36.46	-4.70	54.0	-17.54	AV	27.00	150	Horizontal	Pass
3	3978.000	46.79	-4.70	74.0	-27.21	Peak	27.00	150	Horizontal	Pass
4**	5829.000	84.94	-1.74	--	84.94	AV	16.00	150	Horizontal	N/A
4	5829.000	91.29	-1.74	--	75.29	Peak	16.00	150	Horizontal	N/A
5**	7546.250	37.61	-1.56	54.0	-16.39	AV	296.00	150	Horizontal	Pass
5	7546.250	48.61	-1.56	74.0	-25.39	Peak	296.00	150	Horizontal	Pass
6**	11568.375	38.98	-0.05	54.0	-15.02	AV	360.00	150	Horizontal	Pass
6	11568.375	50.41	-0.05	74.0	-23.59	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1567.500	26.44	-17.40	54.0	-27.56	AV	361.00	150	Vertical	Pass
1	1567.500	37.17	-17.40	74.0	-36.83	Peak	361.00	150	Vertical	Pass
2**	2764.500	31.87	-10.15	54.0	-22.13	AV	213.00	150	Vertical	Pass
2	2764.500	42.50	-10.15	74.0	-31.50	Peak	213.00	150	Vertical	Pass
3**	4934.000	46.93	-2.94	54.0	-7.07	AV	183.00	150	Vertical	Pass
3	4934.000	48.02	-2.94	74.0	-25.98	Peak	183.00	150	Vertical	Pass
4**	5750.000	94.03	-2.26	--	94.03	AV	275.00	150	Vertical	N/A
4	5750.000	101.97	-2.26	--	-173.03	Peak	275.00	150	Vertical	N/A
5**	7516.063	37.74	-1.97	54.0	-16.26	AV	247.00	150	Vertical	Pass
5	7516.063	48.29	-1.97	74.0	-25.71	Peak	247.00	150	Vertical	Pass
6**	12279.937	40.31	2.09	54.0	-13.69	AV	0.00	150	Vertical	Pass
6	12279.937	51.40	2.09	74.0	-22.60	Peak	0.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1489.000	26.61	-17.40	54.0	-27.39	AV	361.00	150	Horizontal	Pass
1	1489.000	36.94	-17.40	74.0	-37.06	Peak	361.00	150	Horizontal	Pass
2**	2237.000	30.92	-12.79	54.0	-23.08	AV	0.00	150	Horizontal	Pass
2	2237.000	41.71	-12.79	74.0	-32.29	Peak	0.00	150	Horizontal	Pass
3**	4759.000	38.46	-2.73	54.0	-15.54	AV	22.00	150	Horizontal	Pass
3	4759.000	49.77	-2.73	74.0	-24.23	Peak	22.00	150	Horizontal	Pass
4**	5743.000	81.04	-2.42	--	81.04	AV	92.00	150	Horizontal	N/A
4	5743.000	89.18	-2.42	--	-2.82	Peak	92.00	150	Horizontal	N/A
5**	8277.938	37.66	-1.19	54.0	-16.34	AV	0.00	150	Horizontal	Pass
5	8277.938	48.36	-1.19	74.0	-25.64	Peak	0.00	150	Horizontal	Pass
6**	12462.500	38.96	1.82	54.0	-15.04	AV	274.00	150	Horizontal	Pass
6	12462.500	50.91	1.82	74.0	-23.09	Peak	274.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1576.000	25.96	-17.38	54.0	-28.04	AV	359.00	150	Vertical	Pass
1	1576.000	36.95	-17.38	74.0	-37.05	Peak	359.00	150	Vertical	Pass
2**	2827.500	31.85	-9.92	54.0	-22.15	AV	360.00	150	Vertical	Pass
2	2827.500	42.59	-9.92	74.0	-31.41	Peak	360.00	150	Vertical	Pass
3**	4968.000	47.13	-2.77	54.0	-6.87	AV	315.00	150	Vertical	Pass
3	4968.000	48.77	-2.77	74.0	-25.23	Peak	315.00	150	Vertical	Pass
4**	5786.000	94.17	-2.10	--	94.17	AV	205.00	150	Vertical	N/A
4	5786.000	101.80	-2.10	--	-103.20	Peak	205.00	150	Vertical	N/A
5**	7493.063	37.32	-2.55	54.0	-16.68	AV	0.00	150	Vertical	Pass
5	7493.063	48.27	-2.55	74.0	-25.73	Peak	0.00	150	Vertical	Pass
6**	11598.562	39.33	0.35	54.0	-14.67	AV	96.00	150	Vertical	Pass
6	11598.562	50.86	0.35	74.0	-23.14	Peak	96.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1507.500	26.18	-17.49	54.0	-27.82	AV	237.00	150	Horizontal	Pass
1	1507.500	36.80	-17.49	74.0	-37.20	Peak	237.00	150	Horizontal	Pass
2**	2254.000	30.64	-12.54	54.0	-23.36	AV	0.00	150	Horizontal	Pass
2	2254.000	41.35	-12.54	74.0	-32.65	Peak	0.00	150	Horizontal	Pass
3**	3988.000	37.19	-3.91	54.0	-16.81	AV	259.00	150	Horizontal	Pass
3	3988.000	47.48	-3.91	74.0	-26.52	Peak	259.00	150	Horizontal	Pass
4**	5802.000	81.68	-1.70	--	81.68	AV	101.00	150	Horizontal	N/A
4	5802.000	89.04	-1.70	--	-11.96	Peak	101.00	150	Horizontal	N/A
5**	8257.812	37.59	-1.28	54.0	-16.41	AV	87.00	150	Horizontal	Pass
5	8257.812	48.50	-1.28	74.0	-25.50	Peak	87.00	150	Horizontal	Pass
6**	12223.875	39.80	1.69	54.0	-14.20	AV	135.00	150	Horizontal	Pass
6	12223.875	51.21	1.69	74.0	-22.79	Peak	135.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1490.500	26.43	-17.35	54.0	-27.57	AV	272.00	150	Vertical	Pass
1	1490.500	36.70	-17.35	74.0	-37.30	Peak	272.00	150	Vertical	Pass
2**	2757.500	31.65	-10.67	54.0	-22.35	AV	91.00	150	Vertical	Pass
2	2757.500	43.03	-10.67	74.0	-30.97	Peak	91.00	150	Vertical	Pass
3**	4925.000	46.21	-3.22	54.0	-7.79	AV	308.00	150	Vertical	Pass
3	4925.000	50.54	-3.22	74.0	-23.46	Peak	308.00	150	Vertical	Pass
4**	5741.000	96.40	-2.21	--	96.40	AV	193.00	150	Vertical	N/A
4	5741.000	103.39	-2.21	--	-89.61	Peak	193.00	150	Vertical	Pass
5**	8106.875	37.48	-1.50	54.0	-16.52	AV	131.00	150	Vertical	Pass
5	8106.875	48.44	-1.50	74.0	-25.56	Peak	131.00	150	Vertical	Pass
6**	12448.125	39.50	1.94	54.0	-14.50	AV	360.00	150	Vertical	Pass
6	12448.125	51.46	1.94	74.0	-22.54	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1404.500	26.15	-17.32	54.0	-27.85	AV	0.00	150	Horizontal	Pass
1	1404.500	36.99	-17.32	74.0	-37.01	Peak	0.00	150	Horizontal	Pass
2**	2773.500	31.97	-10.44	54.0	-22.03	AV	154.00	150	Horizontal	Pass
2	2773.500	42.62	-10.44	74.0	-31.38	Peak	154.00	150	Horizontal	Pass
3**	3994.000	37.26	-3.86	54.0	-16.74	AV	316.00	150	Horizontal	Pass
3	3994.000	46.75	-3.86	74.0	-27.25	Peak	316.00	150	Horizontal	Pass
4**	5748.000	85.70	-2.18	--	85.70	AV	94.00	150	Horizontal	N/A
4	5748.000	92.22	-2.18	--	-1.78	Peak	94.00	150	Horizontal	N/A
5**	7445.625	37.22	-3.06	54.0	-16.78	AV	81.00	150	Horizontal	Pass
5	7445.625	48.26	-3.06	74.0	-25.74	Peak	81.00	150	Horizontal	Pass
6**	11946.438	39.74	1.61	54.0	-14.26	AV	126.00	150	Horizontal	Pass
6	11946.438	51.29	1.61	74.0	-22.71	Peak	126.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1536.500	25.93	-17.62	54.0	-28.07	AV	331.00	150	Vertical	Pass
1	1536.500	36.81	-17.62	74.0	-37.19	Peak	331.00	150	Vertical	Pass
2**	2263.500	31.68	-12.64	54.0	-22.32	AV	150.00	150	Vertical	Pass
2	2263.500	41.46	-12.64	74.0	-32.54	Peak	150.00	150	Vertical	Pass
3**	4960.000	45.86	-2.64	54.0	-8.14	AV	1.00	150	Vertical	Pass
3	4960.000	47.38	-2.64	74.0	-26.62	Peak	1.00	150	Vertical	Pass
4**	5788.000	96.17	-1.98	--	96.17	AV	203.00	150	Vertical	N/A
4	5788.000	103.88	-1.98	--	-99.12	Peak	203.00	150	Vertical	N/A
5**	7426.937	37.18	-2.58	54.0	-16.82	AV	360.00	150	Vertical	Pass
5	7426.937	48.84	-2.58	74.0	-25.16	Peak	360.00	150	Vertical	Pass
6**	11286.625	39.68	0.61	54.0	-14.32	AV	360.00	150	Vertical	Pass
6	11286.625	50.03	0.61	74.0	-23.97	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1493.000	26.20	-17.27	54.0	-27.80	AV	344.00	150	Horizontal	Pass
1	1493.000	37.00	-17.27	74.0	-37.00	Peak	344.00	150	Horizontal	Pass
2**	2783.500	31.63	-10.47	54.0	-22.37	AV	290.00	150	Horizontal	Pass
2	2783.500	42.77	-10.47	74.0	-31.23	Peak	290.00	150	Horizontal	Pass
3**	4692.000	37.91	-3.43	54.0	-16.09	AV	307.00	150	Horizontal	Pass
3	4692.000	49.47	-3.43	74.0	-24.53	Peak	307.00	150	Horizontal	Pass
4**	5781.000	84.55	-1.89	--	84.55	AV	47.00	150	Horizontal	N/A
4	5781.000	91.59	-1.89	--	44.59	Peak	47.00	150	Horizontal	N/A
5**	8223.312	37.67	-1.43	54.0	-16.33	AV	359.00	150	Horizontal	Pass
5	8223.312	48.31	-1.43	74.0	-25.69	Peak	359.00	150	Horizontal	Pass
6**	12186.500	39.76	1.02	54.0	-14.24	AV	360.00	150	Horizontal	Pass
6	12186.500	50.52	1.02	74.0	-23.48	Peak	360.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1480.000	26.22	-17.43	54.0	-27.78	AV	188.00	150	Vertical	Pass
1	1480.000	37.03	-17.43	74.0	-36.97	Peak	188.00	150	Vertical	Pass
2**	2762.000	32.08	-10.52	54.0	-21.92	AV	130.00	150	Vertical	Pass
2	2762.000	42.51	-10.52	74.0	-31.49	Peak	130.00	150	Vertical	Pass
3**	4994.000	46.47	-3.07	54.0	-7.53	AV	139.00	150	Vertical	Pass
3	4994.000	47.57	-3.07	74.0	-26.43	Peak	139.00	150	Vertical	Pass
4**	5830.000	96.84	-1.69	--	96.84	AV	290.00	150	Vertical	N/A
4	5830.000	103.47	-1.69	--	-186.53	Peak	290.00	150	Vertical	N/A
5**	7513.187	37.61	-2.23	54.0	-16.39	AV	305.00	150	Vertical	Pass
5	7513.187	48.05	-2.23	74.0	-25.95	Peak	305.00	150	Vertical	Pass
6**	12282.812	40.14	2.09	54.0	-13.86	AV	43.00	150	Vertical	Pass
6	12282.812	50.91	2.09	74.0	-23.09	Peak	43.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1396.500	25.70	-17.10	54.0	-28.30	AV	23.00	150	Horizontal	Pass
1	1396.500	36.71	-17.10	74.0	-37.29	Peak	23.00	150	Horizontal	Pass
2**	2713.000	31.84	-10.86	54.0	-22.16	AV	160.00	150	Horizontal	Pass
2	2713.000	42.55	-10.86	74.0	-31.45	Peak	160.00	150	Horizontal	Pass
3**	4116.000	36.73	-4.91	54.0	-17.27	AV	140.00	150	Horizontal	Pass
3	4116.000	47.37	-4.91	74.0	-26.63	Peak	140.00	150	Horizontal	Pass
4**	5828.000	85.03	-1.85	--	85.03	AV	4.00	150	Horizontal	N/A
4	5828.000	91.48	-1.85	--	87.48	Peak	4.00	150	Horizontal	N/A
5**	8253.500	37.44	-1.28	54.0	-16.56	AV	267.00	150	Horizontal	Pass
5	8253.500	47.99	-1.28	74.0	-26.01	Peak	267.00	150	Horizontal	Pass
6**	12304.375	39.40	1.74	54.0	-14.60	AV	361.00	150	Horizontal	Pass
6	12304.375	50.79	1.74	74.0	-23.21	Peak	361.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1511.000	26.24	-17.43	54.0	-27.76	AV	92.00	150	Vertical	Pass
1	1511.000	37.20	-17.43	74.0	-36.80	Peak	92.00	150	Vertical	Pass
2**	2227.500	30.35	-12.80	54.0	-23.65	AV	0.00	150	Vertical	Pass
2	2227.500	41.82	-12.80	74.0	-32.18	Peak	0.00	150	Vertical	Pass
3**	4934.000	46.77	-2.94	54.0	-7.23	AV	208.00	150	Vertical	Pass
3	4934.000	47.04	-2.94	74.0	-26.96	Peak	208.00	150	Vertical	Pass
4**	5749.000	94.32	-2.22	--	94.32	AV	287.00	150	Vertical	N/A
4	5749.000	101.90	-2.22	--	-185.10	Peak	287.00	150	Vertical	N/A
5**	7323.438	37.68	-3.01	54.0	-16.32	AV	196.00	150	Vertical	Pass
5	7323.438	48.29	-3.01	74.0	-25.71	Peak	196.00	150	Vertical	Pass
6**	11901.875	40.02	2.17	54.0	-13.98	AV	264.00	150	Vertical	Pass
6	11901.875	51.14	2.17	74.0	-22.86	Peak	264.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1511.000	26.38	-17.43	54.0	-27.62	AV	0.00	150	Horizontal	Pass
1	1511.000	37.16	-17.43	74.0	-36.84	Peak	0.00	150	Horizontal	Pass
2**	2278.000	30.87	-12.65	54.0	-23.13	AV	0.00	150	Horizontal	Pass
2	2278.000	42.27	-12.65	74.0	-31.73	Peak	0.00	150	Horizontal	Pass
3**	3993.000	37.11	-3.74	54.0	-16.89	AV	60.00	150	Horizontal	Pass
3	3993.000	47.39	-3.74	74.0	-26.61	Peak	60.00	150	Horizontal	Pass
4**	5744.000	82.37	-2.59	--	82.37	AV	91.00	150	Horizontal	N/A
4	5744.000	90.04	-2.59	--	-0.96	Peak	91.00	150	Horizontal	Pass
5**	7465.750	36.80	-3.39	54.0	-17.20	AV	115.00	150	Horizontal	Pass
5	7465.750	47.92	-3.39	74.0	-26.08	Peak	115.00	150	Horizontal	Pass
6**	12338.875	39.69	1.93	54.0	-14.31	AV	183.00	150	Horizontal	Pass
6	12338.875	50.51	1.93	74.0	-23.49	Peak	183.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1502.500	26.33	-17.34	54.0	-27.67	AV	285.00	150	Vertical	Pass
1	1502.500	36.73	-17.34	74.0	-37.27	Peak	285.00	150	Vertical	Pass
2**	2835.000	32.49	-9.92	54.0	-21.51	AV	34.00	150	Vertical	Pass
2	2835.000	42.52	-9.92	74.0	-31.48	Peak	34.00	150	Vertical	Pass
3**	4968.000	47.50	-2.77	54.0	-6.50	AV	309.00	150	Vertical	Pass
3	4968.000	48.59	-2.77	74.0	-25.41	Peak	309.00	150	Vertical	Pass
4**	5805.000	94.49	-1.63	--	94.49	AV	281.00	150	Vertical	N/A
4	5805.000	101.78	-1.63	--	-179.22	Peak	281.00	150	Vertical	Pass
5**	8302.375	37.81	-0.86	54.0	-16.19	AV	119.00	150	Vertical	Pass
5	8302.375	48.85	-0.86	74.0	-25.15	Peak	119.00	150	Vertical	Pass
6**	11945.000	39.91	1.65	54.0	-14.09	AV	74.00	150	Vertical	Pass
6	11945.000	51.75	1.65	74.0	-22.25	Peak	74.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1596.500	26.24	-17.46	54.0	-27.76	AV	30.00	150	Horizontal	Pass
1	1596.500	37.21	-17.46	74.0	-36.79	Peak	30.00	150	Horizontal	Pass
2**	2255.000	30.66	-12.49	54.0	-23.34	AV	359.00	150	Horizontal	Pass
2	2255.000	41.51	-12.49	74.0	-32.49	Peak	359.00	150	Horizontal	Pass
3**	4000.000	36.84	-4.02	54.0	-17.16	AV	0.00	150	Horizontal	Pass
3	4000.000	47.91	-4.02	74.0	-26.09	Peak	0.00	150	Horizontal	Pass
4**	5792.000	81.78	-1.96	--	81.78	AV	105.00	150	Horizontal	N/A
4	5792.000	89.23	-1.96	--	-15.77	Peak	105.00	150	Horizontal	N/A
5**	7527.563	37.96	-1.81	54.0	-16.04	AV	360.00	150	Horizontal	Pass
5	7527.563	48.19	-1.81	74.0	-25.81	Peak	360.00	150	Horizontal	Pass
6**	12359.000	39.97	1.62	54.0	-14.03	AV	172.00	150	Horizontal	Pass
6	12359.000	50.77	1.62	74.0	-23.23	Peak	172.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1506.500	25.91	-17.58	54.0	-28.09	AV	177.00	150	Vertical	Pass
1	1506.500	36.77	-17.58	74.0	-37.23	Peak	177.00	150	Vertical	Pass
2**	3855.000	35.09	-5.91	54.0	-18.91	AV	128.00	150	Vertical	Pass
2	3855.000	46.50	-5.91	74.0	-27.50	Peak	128.00	150	Vertical	Pass
3**	4951.000	47.68	-2.65	54.0	-6.32	AV	280.00	150	Vertical	Pass
3	4951.000	48.78	-2.65	74.0	-25.22	Peak	280.00	150	Vertical	Pass
4**	5771.000	91.75	-2.03	--	91.75	AV	280.00	150	Vertical	N/A
4	5771.000	99.93	-2.03	--	-180.07	Peak	280.00	150	Vertical	N/A
5**	7526.125	37.67	-1.88	54.0	-16.33	AV	357.00	150	Vertical	Pass
5	7526.125	48.41	-1.88	74.0	-25.59	Peak	357.00	150	Vertical	Pass
6**	12127.563	39.64	0.78	54.0	-14.36	AV	256.00	150	Vertical	Pass
6	12127.563	51.47	0.78	74.0	-22.53	Peak	256.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1407.000	26.98	-17.26	54.0	-27.02	AV	342.00	150	Horizontal	Pass
1	1407.000	37.02	-17.26	74.0	-36.98	Peak	342.00	150	Horizontal	Pass
2**	2778.000	31.64	-10.42	54.0	-22.36	AV	0.00	150	Horizontal	Pass
2	2778.000	43.25	-10.42	74.0	-30.75	Peak	0.00	150	Horizontal	Pass
3**	4608.000	38.50	-3.24	54.0	-15.50	AV	289.00	150	Horizontal	Pass
3	4608.000	49.94	-3.24	74.0	-24.06	Peak	289.00	150	Horizontal	Pass
4**	5782.000	78.68	-2.02	--	78.68	AV	102.00	150	Horizontal	N/A
4	5782.000	86.00	-2.02	--	-16.00	Peak	102.00	150	Horizontal	N/A
5**	7491.625	37.66	-2.67	54.0	-16.34	AV	0.00	150	Horizontal	Pass
5	7491.625	47.54	-2.67	74.0	-26.46	Peak	0.00	150	Horizontal	Pass
6**	11270.813	38.83	0.36	54.0	-15.17	AV	98.00	150	Horizontal	Pass
6	11270.813	50.73	0.36	74.0	-23.27	Peak	98.00	150	Horizontal	Pass

**MIMO-ANT A+B**

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1383.500	29.48	-14.26	54.0	-24.52	AV	0.00	150	Vertical	Pass
1	1383.500	40.87	-14.26	74.0	-33.13	Peak	0.00	150	Vertical	Pass
2**	2814.500	36.84	-5.16	54.0	-17.16	AV	231.00	150	Vertical	Pass
2	2814.500	47.49	-5.16	74.0	-26.51	Peak	231.00	150	Vertical	Pass
3**	4215.000	44.13	2.56	54.0	-9.87	AV	123.00	150	Vertical	Pass
3	4215.000	53.71	2.56	74.0	-20.29	Peak	123.00	150	Vertical	Pass
4**	5182.000	104.93	8.37	--	104.93	AV	4.00	150	Vertical	N/A
4	5182.000	111.75	8.37	--	107.75	Peak	4.00	150	Vertical	N/A
5**	7540.500	38.07	-1.50	54.0	-15.93	AV	263.00	150	Vertical	Pass
5	7540.500	47.93	-1.50	74.0	-26.07	Peak	263.00	150	Vertical	Pass
6**	10864.000	39.22	0.52	54.0	-14.78	AV	360.00	150	Vertical	Pass
6	10864.000	50.63	0.52	74.0	-23.37	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1514.000	29.78	-14.03	54.0	-24.22	AV	193.00	150	Horizontal	Pass
1	1514.000	40.15	-14.03	74.0	-33.85	Peak	193.00	150	Horizontal	Pass
2**	2785.000	37.50	-5.08	54.0	-16.50	AV	178.00	150	Horizontal	Pass
2	2785.000	48.13	-5.08	74.0	-25.87	Peak	178.00	150	Horizontal	Pass
3**	4214.000	43.85	2.44	54.0	-10.15	AV	360.00	150	Horizontal	Pass
3	4214.000	53.92	2.44	74.0	-20.08	Peak	360.00	150	Horizontal	Pass
4**	5176.000	91.97	8.33	--	91.97	AV	280.00	150	Horizontal	N/A
4	5176.000	100.19	8.33	--	-179.81	Peak	280.00	150	Horizontal	N/A
5**	8101.125	38.46	-1.44	54.0	-15.54	AV	322.00	150	Horizontal	Pass
5	8101.125	48.73	-1.44	74.0	-25.27	Peak	322.00	150	Horizontal	Pass
6**	12031.250	39.82	1.10	54.0	-14.18	AV	355.00	150	Horizontal	Pass
6	12031.250	50.64	1.10	74.0	-23.36	Peak	355.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1547.000	29.46	-14.04	54.0	-24.54	AV	186.00	150	Vertical	Pass
1	1547.000	40.24	-14.04	74.0	-33.76	Peak	186.00	150	Vertical	Pass
2**	2792.500	37.25	-5.07	54.0	-16.75	AV	57.00	150	Vertical	Pass
2	2792.500	47.46	-5.07	74.0	-26.54	Peak	57.00	150	Vertical	Pass
3**	4218.000	43.96	2.65	54.0	-10.04	AV	41.00	150	Vertical	Pass
3	4218.000	54.57	2.65	74.0	-19.43	Peak	41.00	150	Vertical	Pass
4**	5223.000	105.12	8.57	--	105.12	AV	140.00	150	Vertical	N/A
4	5223.000	112.35	8.57	--	-27.65	Peak	140.00	150	Vertical	N/A
5**	7543.375	37.56	-1.66	54.0	-16.44	AV	264.00	150	Vertical	Pass
5	7543.375	48.09	-1.66	74.0	-25.91	Peak	264.00	150	Vertical	Pass
6**	12226.750	40.29	1.70	54.0	-13.71	AV	238.00	150	Vertical	Pass
6	12226.750	51.22	1.70	74.0	-22.78	Peak	238.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1346.000	29.19	-14.05	54.0	-24.81	AV	331.00	150	Horizontal	Pass
1	1346.000	39.46	-14.05	74.0	-34.54	Peak	331.00	150	Horizontal	Pass
2**	2225.500	34.97	-8.66	54.0	-19.03	AV	42.00	150	Horizontal	Pass
2	2225.500	45.38	-8.66	74.0	-28.62	Peak	42.00	150	Horizontal	Pass
3**	4215.000	44.18	2.56	54.0	-9.82	AV	348.00	150	Horizontal	Pass
3	4215.000	54.08	2.56	74.0	-19.92	Peak	348.00	150	Horizontal	Pass
4**	5221.000	92.41	8.57	--	92.41	AV	244.00	150	Horizontal	N/A
4	5221.000	100.37	8.57	--	-143.63	Peak	244.00	150	Horizontal	N/A
5**	7541.938	38.42	-1.40	54.0	-15.58	AV	0.00	150	Horizontal	Pass
5	7541.938	49.04	-1.40	74.0	-24.96	Peak	0.00	150	Horizontal	Pass
6**	11444.750	39.39	0.34	54.0	-14.61	AV	96.00	150	Horizontal	Pass
6	11444.750	50.25	0.34	74.0	-23.75	Peak	96.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1387.500	29.14	-14.10	54.0	-24.86	AV	358.00	150	Vertical	Pass
1	1387.500	39.68	-14.10	74.0	-34.32	Peak	358.00	150	Vertical	Pass
2**	2794.000	37.19	-5.05	54.0	-16.81	AV	123.00	150	Vertical	Pass
2	2794.000	47.09	-5.05	74.0	-26.91	Peak	123.00	150	Vertical	Pass
3**	4216.000	44.29	2.68	54.0	-9.71	AV	0.00	150	Vertical	Pass
3	4216.000	54.58	2.68	74.0	-19.42	Peak	0.00	150	Vertical	Pass
4**	5243.000	105.18	8.62	--	105.18	AV	13.00	150	Vertical	N/A
4	5243.000	112.43	8.62	--	99.43	Peak	13.00	150	Vertical	N/A
5**	8305.250	37.69	-0.93	54.0	-16.31	AV	161.00	150	Vertical	Pass
5	8305.250	49.22	-0.93	74.0	-24.78	Peak	161.00	150	Vertical	Pass
6**	12183.625	39.65	1.01	54.0	-14.35	AV	330.00	150	Vertical	Pass
6	12183.625	51.12	1.01	74.0	-22.88	Peak	330.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1345.000	29.62	-14.04	54.0	-24.38	AV	239.00	150	Horizontal	Pass
1	1345.000	40.14	-14.04	74.0	-33.86	Peak	239.00	150	Horizontal	Pass
2**	2784.000	37.17	-5.15	54.0	-16.83	AV	128.00	150	Horizontal	Pass
2	2784.000	47.06	-5.15	74.0	-26.94	Peak	128.00	150	Horizontal	Pass
3**	3915.000	42.65	1.92	54.0	-11.35	AV	229.00	150	Horizontal	Pass
3	3915.000	52.82	1.92	74.0	-21.18	Peak	229.00	150	Horizontal	Pass
4**	5243.000	93.40	8.62	--	93.40	AV	241.00	150	Horizontal	N/A
4	5243.000	100.10	8.62	--	-140.90	Peak	241.00	150	Horizontal	N/A
5**	7434.125	37.83	-2.65	54.0	-16.17	AV	107.00	150	Horizontal	Pass
5	7434.125	48.49	-2.65	74.0	-25.51	Peak	107.00	150	Horizontal	Pass
6**	11522.375	39.10	-0.18	54.0	-14.90	AV	81.00	150	Horizontal	Pass
6	11522.375	50.55	-0.18	74.0	-23.45	Peak	81.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1545.000	30.32	-13.84	54.0	-23.68	AV	292.00	150	Vertical	Pass
1	1545.000	40.36	-13.84	74.0	-33.64	Peak	292.00	150	Vertical	Pass
2**	2789.000	36.93	-5.09	54.0	-17.07	AV	103.00	150	Vertical	Pass
2	2789.000	47.41	-5.09	74.0	-26.59	Peak	103.00	150	Vertical	Pass
3**	4213.000	44.23	2.30	54.0	-9.77	AV	65.00	150	Vertical	Pass
3	4213.000	54.21	2.30	74.0	-19.79	Peak	65.00	150	Vertical	Pass
4**	5176.000	98.95	8.33	--	98.95	AV	5.00	150	Vertical	N/A
4	5176.000	109.34	8.33	--	104.34	Peak	5.00	150	Vertical	N/A
5**	7534.750	37.66	-1.82	54.0	-16.34	AV	210.00	150	Vertical	Pass
5	7534.750	48.20	-1.82	74.0	-25.80	Peak	210.00	150	Vertical	Pass
6**	12279.937	40.50	2.09	54.0	-13.50	AV	134.00	150	Vertical	Pass
6	12279.937	50.67	2.09	74.0	-23.33	Peak	134.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1468.500	28.96	-14.24	54.0	-25.04	AV	283.00	150	Horizontal	Pass
1	1468.500	40.24	-14.24	74.0	-33.76	Peak	283.00	150	Horizontal	Pass
2**	2780.500	37.16	-5.42	54.0	-16.84	AV	252.00	150	Horizontal	Pass
2	2780.500	47.48	-5.42	74.0	-26.52	Peak	252.00	150	Horizontal	Pass
3**	4214.000	44.28	2.44	54.0	-9.72	AV	343.00	150	Horizontal	Pass
3	4214.000	53.66	2.44	74.0	-20.34	Peak	343.00	150	Horizontal	Pass
4**	5196.000	91.19	8.47	--	91.19	AV	249.00	150	Horizontal	N/A
4	5196.000	98.42	8.47	--	-150.58	Peak	249.00	150	Horizontal	N/A
5**	7457.125	36.90	-3.11	54.0	-17.10	AV	47.00	150	Horizontal	Pass
5	7457.125	48.49	-3.11	74.0	-25.51	Peak	47.00	150	Horizontal	Pass
6**	12265.562	39.88	1.51	54.0	-14.12	AV	337.00	150	Horizontal	Pass
6	12265.562	50.63	1.51	74.0	-23.37	Peak	337.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1541.000	29.23	-14.21	54.0	-24.77	AV	317.00	150	Vertical	Pass
1	1541.000	40.18	-14.21	74.0	-33.82	Peak	317.00	150	Vertical	Pass
2**	2786.500	37.25	-5.05	54.0	-16.75	AV	360.00	150	Vertical	Pass
2	2786.500	47.12	-5.05	74.0	-26.88	Peak	360.00	150	Vertical	Pass
3**	3910.000	42.73	1.49	54.0	-11.27	AV	73.00	150	Vertical	Pass
3	3910.000	52.35	1.49	74.0	-21.65	Peak	73.00	150	Vertical	Pass
4**	5225.000	102.24	8.57	--	102.24	AV	314.00	150	Vertical	N/A
4	5225.000	109.38	8.57	--	-204.62	Peak	314.00	150	Vertical	N/A
5**	7442.750	37.07	-2.99	54.0	-16.93	AV	287.00	150	Vertical	Pass
5	7442.750	48.73	-2.99	74.0	-25.27	Peak	287.00	150	Vertical	Pass
6**	12070.062	39.73	1.08	54.0	-14.27	AV	141.00	150	Vertical	Pass
6	12070.062	50.91	1.08	74.0	-23.09	Peak	141.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1563.500	29.77	-13.74	54.0	-24.23	AV	87.00	150	Horizontal	Pass
1	1563.500	40.04	-13.74	74.0	-33.96	Peak	87.00	150	Horizontal	Pass
2**	2788.000	37.13	-5.11	54.0	-16.87	AV	192.00	150	Horizontal	Pass
2	2788.000	47.41	-5.11	74.0	-26.59	Peak	192.00	150	Horizontal	Pass
3**	4211.000	43.46	2.03	54.0	-10.54	AV	113.00	150	Horizontal	Pass
3	4211.000	54.50	2.03	74.0	-19.50	Peak	113.00	150	Horizontal	Pass
4**	5223.000	90.65	8.57	--	90.65	AV	248.00	150	Horizontal	N/A
4	5223.000	97.88	8.57	--	-150.12	Peak	248.00	150	Horizontal	N/A
5**	7495.938	38.13	-2.54	54.0	-15.87	AV	48.00	150	Horizontal	Pass
5	7495.938	48.46	-2.54	74.0	-25.54	Peak	48.00	150	Horizontal	Pass
6**	12279.937	40.55	2.09	54.0	-13.45	AV	2.00	150	Horizontal	Pass
6	12279.937	51.00	2.09	74.0	-23.00	Peak	2.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1354.000	29.47	-14.17	54.0	-24.53	AV	56.00	150	Vertical	Pass
1	1354.000	39.85	-14.17	74.0	-34.15	Peak	56.00	150	Vertical	Pass
2**	2791.000	37.06	-5.05	54.0	-16.94	AV	313.00	150	Vertical	Pass
2	2791.000	47.55	-5.05	74.0	-26.45	Peak	313.00	150	Vertical	Pass
3**	4217.000	44.33	2.67	54.0	-9.67	AV	205.00	150	Vertical	Pass
3	4217.000	53.84	2.67	74.0	-20.16	Peak	205.00	150	Vertical	Pass
4**	5175.000	102.45	8.32	--	102.45	AV	299.00	150	Vertical	N/A
4	5175.000	110.78	8.32	--	-188.22	Peak	299.00	150	Vertical	N/A
5**	7541.938	37.86	-1.40	54.0	-16.14	AV	37.00	150	Vertical	Pass
5	7541.938	47.85	-1.40	74.0	-26.15	Peak	37.00	150	Vertical	Pass
6**	12265.562	39.72	1.51	54.0	-14.28	AV	228.00	150	Vertical	Pass
6	12265.562	51.03	1.51	74.0	-22.97	Peak	228.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1542.500	29.74	-14.10	54.0	-24.26	AV	13.00	150	Horizontal	Pass
1	1542.500	39.87	-14.10	74.0	-34.13	Peak	13.00	150	Horizontal	Pass
2**	2794.000	36.88	-5.05	54.0	-17.12	AV	244.00	150	Horizontal	Pass
2	2794.000	47.90	-5.05	74.0	-26.10	Peak	244.00	150	Horizontal	Pass
3**	3912.000	43.26	1.80	54.0	-10.74	AV	74.00	150	Horizontal	Pass
3	3912.000	53.10	1.80	74.0	-20.90	Peak	74.00	150	Horizontal	Pass
4**	5177.000	95.13	8.34	--	95.13	AV	245.00	150	Horizontal	N/A
4	5177.000	101.81	8.34	--	-143.19	Peak	245.00	150	Horizontal	N/A
5**	7575.000	37.03	-2.77	54.0	-16.97	AV	120.00	150	Horizontal	Pass
5	7575.000	48.07	-2.77	74.0	-25.93	Peak	120.00	150	Horizontal	Pass
6**	11953.625	39.91	1.36	54.0	-14.09	AV	198.00	150	Horizontal	Pass
6	11953.625	50.30	1.36	74.0	-23.70	Peak	198.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1348.000	29.73	-14.04	54.0	-24.27	AV	26.00	150	Vertical	Pass
1	1348.000	39.97	-14.04	74.0	-34.03	Peak	26.00	150	Vertical	Pass
2**	2256.500	35.38	-8.24	54.0	-18.62	AV	354.00	150	Vertical	Pass
2	2256.500	45.67	-8.24	74.0	-28.33	Peak	354.00	150	Vertical	Pass
3**	3913.000	43.31	1.90	54.0	-10.69	AV	358.00	150	Vertical	Pass
3	3913.000	52.37	1.90	74.0	-21.63	Peak	358.00	150	Vertical	Pass
4**	5216.000	104.77	8.57	--	104.77	AV	12.00	150	Vertical	N/A
4	5216.000	112.05	8.57	--	100.05	Peak	12.00	150	Vertical	N/A
5**	7541.938	37.99	-1.40	54.0	-16.01	AV	360.00	150	Vertical	Pass
5	7541.938	47.79	-1.40	74.0	-26.21	Peak	360.00	150	Vertical	Pass
6**	12065.750	39.79	1.19	54.0	-14.21	AV	300.00	150	Vertical	Pass
6	12065.750	50.88	1.19	74.0	-23.12	Peak	300.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1358.500	29.54	-14.03	54.0	-24.46	AV	166.00	150	Horizontal	Pass
1	1358.500	39.64	-14.03	74.0	-34.36	Peak	166.00	150	Horizontal	Pass
2**	2751.000	36.86	-6.12	54.0	-17.14	AV	47.00	150	Horizontal	Pass
2	2751.000	47.17	-6.12	74.0	-26.83	Peak	47.00	150	Horizontal	Pass
3**	4211.000	44.17	2.03	54.0	-9.83	AV	221.00	150	Horizontal	Pass
3	4211.000	53.66	2.03	74.0	-20.34	Peak	221.00	150	Horizontal	Pass
4**	5224.000	93.52	8.57	--	93.52	AV	238.00	150	Horizontal	N/A
4	5224.000	100.65	8.57	--	-137.35	Peak	238.00	150	Horizontal	N/A
5**	7493.063	37.52	-2.55	54.0	-16.48	AV	221.00	150	Horizontal	Pass
5	7493.063	48.09	-2.55	74.0	-25.91	Peak	221.00	150	Horizontal	Pass
6**	12275.625	40.40	1.90	54.0	-13.60	AV	242.00	150	Horizontal	Pass
6	12275.625	50.82	1.90	74.0	-23.18	Peak	242.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1479.000	29.43	-14.12	54.0	-24.57	AV	58.00	150	Vertical	Pass
1	1479.000	41.22	-14.12	74.0	-32.78	Peak	58.00	150	Vertical	Pass
2**	2861.000	37.23	-5.13	54.0	-16.77	AV	134.00	150	Vertical	Pass
2	2861.000	47.78	-5.13	74.0	-26.22	Peak	134.00	150	Vertical	Pass
3**	4214.000	44.37	2.44	54.0	-9.63	AV	263.00	150	Vertical	Pass
3	4214.000	53.86	2.44	74.0	-20.14	Peak	263.00	150	Vertical	Pass
4**	5236.000	104.21	8.58	--	104.21	AV	197.00	150	Vertical	N/A
4	5236.000	112.03	8.58	--	-84.97	Peak	197.00	150	Vertical	N/A
5**	7497.375	37.91	-2.43	54.0	-16.09	AV	342.00	150	Vertical	Pass
5	7497.375	48.01	-2.43	74.0	-25.99	Peak	342.00	150	Vertical	Pass
6**	12292.875	39.24	1.94	54.0	-14.76	AV	94.00	150	Vertical	Pass
6	12292.875	50.89	1.94	74.0	-23.11	Peak	94.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1360.500	29.58	-14.00	54.0	-24.42	AV	360.00	150	Horizontal	Pass
1	1360.500	40.66	-14.00	74.0	-33.34	Peak	360.00	150	Horizontal	Pass
2**	2796.500	36.78	-5.19	54.0	-17.22	AV	258.00	150	Horizontal	Pass
2	2796.500	47.48	-5.19	74.0	-26.52	Peak	258.00	150	Horizontal	Pass
3**	4212.000	43.82	2.16	54.0	-10.18	AV	155.00	150	Horizontal	Pass
3	4212.000	53.19	2.16	74.0	-20.81	Peak	155.00	150	Horizontal	Pass
4**	5235.000	91.69	8.58	--	91.69	AV	244.00	150	Horizontal	N/A
4	5235.000	101.66	8.58	--	-142.34	Peak	244.00	150	Horizontal	N/A
5**	7508.875	38.08	-2.23	54.0	-15.92	AV	105.00	150	Horizontal	Pass
5	7508.875	48.15	-2.23	74.0	-25.85	Peak	105.00	150	Horizontal	Pass
6**	12399.250	40.13	1.72	54.0	-13.87	AV	178.00	150	Horizontal	Pass
6	12399.250	51.79	1.72	74.0	-22.21	Peak	178.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1366.500	29.20	-14.26	54.0	-24.80	AV	108.00	150	Vertical	Pass
1	1366.500	40.06	-14.26	74.0	-33.94	Peak	108.00	150	Vertical	Pass
2**	2745.500	36.11	-6.41	54.0	-17.89	AV	189.00	150	Vertical	Pass
2	2745.500	47.91	-6.41	74.0	-26.09	Peak	189.00	150	Vertical	Pass
3**	4201.000	42.43	1.40	54.0	-11.57	AV	306.00	150	Vertical	Pass
3	4201.000	53.61	1.40	74.0	-20.39	Peak	306.00	150	Vertical	Pass
4**	5180.000	101.41	8.36	--	101.41	AV	192.00	150	Vertical	N/A
4	5180.000	108.44	8.36	--	-83.56	Peak	192.00	150	Vertical	N/A
5**	7550.562	37.43	-1.76	54.0	-16.57	AV	360.00	150	Vertical	Pass
5	7550.562	48.00	-1.76	74.0	-26.00	Peak	360.00	150	Vertical	Pass
6**	12113.188	39.91	0.87	54.0	-14.09	AV	180.00	150	Vertical	Pass
6	12113.188	50.83	0.87	74.0	-23.17	Peak	180.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1504.000	29.74	-14.07	54.0	-24.26	AV	328.00	150	Horizontal	Pass
1	1504.000	40.15	-14.07	74.0	-33.85	Peak	328.00	150	Horizontal	Pass
2**	2864.000	37.29	-5.12	54.0	-16.71	AV	244.00	150	Horizontal	Pass
2	2864.000	47.76	-5.12	74.0	-26.24	Peak	244.00	150	Horizontal	Pass
3**	4211.000	43.92	2.03	54.0	-10.08	AV	281.00	150	Horizontal	Pass
3	4211.000	53.91	2.03	74.0	-20.09	Peak	281.00	150	Horizontal	Pass
4**	5184.000	90.89	8.39	--	90.89	AV	245.00	150	Horizontal	N/A
4	5184.000	97.86	8.39	--	-147.14	Peak	245.00	150	Horizontal	N/A
5**	7355.062	37.41	-3.37	54.0	-16.59	AV	327.00	150	Horizontal	Pass
5	7355.062	49.19	-3.37	74.0	-24.81	Peak	327.00	150	Horizontal	Pass
6**	12357.562	40.24	1.63	54.0	-13.76	AV	218.00	150	Horizontal	Pass
6	12357.562	51.23	1.63	74.0	-22.77	Peak	218.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1509.000	29.90	-13.90	54.0	-24.10	AV	316.00	150	Vertical	Pass
1	1509.000	39.93	-13.90	74.0	-34.07	Peak	316.00	150	Vertical	Pass
2**	2784.500	36.95	-5.12	54.0	-17.05	AV	226.00	150	Vertical	Pass
2	2784.500	47.21	-5.12	74.0	-26.79	Peak	226.00	150	Vertical	Pass
3**	4214.000	44.13	2.44	54.0	-9.87	AV	114.00	150	Vertical	Pass
3	4214.000	53.69	2.44	74.0	-20.31	Peak	114.00	150	Vertical	Pass
4**	5219.000	102.36	8.57	--	102.36	AV	198.00	150	Vertical	N/A
4	5219.000	110.08	8.57	--	-87.92	Peak	198.00	150	Vertical	N/A
5**	8302.375	38.02	-0.86	54.0	-15.98	AV	193.00	150	Vertical	Pass
5	8302.375	48.82	-0.86	74.0	-25.18	Peak	193.00	150	Vertical	Pass
6**	11804.125	39.46	1.08	54.0	-14.54	AV	339.00	150	Vertical	Pass
6	11804.125	50.66	1.08	74.0	-23.34	Peak	339.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1478.000	29.97	-14.21	54.0	-24.03	AV	254.00	150	Horizontal	Pass
1	1478.000	40.63	-14.21	74.0	-33.37	Peak	254.00	150	Horizontal	Pass
2**	2791.500	37.09	-5.06	54.0	-16.91	AV	202.00	150	Horizontal	Pass
2	2791.500	47.88	-5.06	74.0	-26.12	Peak	202.00	150	Horizontal	Pass
3**	4218.000	43.87	2.65	54.0	-10.13	AV	119.00	150	Horizontal	Pass
3	4218.000	54.09	2.65	74.0	-19.91	Peak	119.00	150	Horizontal	Pass
4**	5220.000	89.41	8.57	--	89.41	AV	250.00	150	Horizontal	N/A
4	5220.000	97.73	8.57	--	-152.27	Peak	250.00	150	Horizontal	N/A
5**	7431.250	37.44	-2.47	54.0	-16.56	AV	203.00	150	Horizontal	Pass
5	7431.250	48.39	-2.47	74.0	-25.61	Peak	203.00	150	Horizontal	Pass
6**	11947.875	39.75	1.57	54.0	-14.25	AV	348.00	150	Horizontal	Pass
6	11947.875	50.71	1.57	74.0	-23.29	Peak	348.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1358.500	29.24	-14.03	54.0	-24.76	AV	360.00	150	Vertical	Pass
1	1358.500	40.07	-14.03	74.0	-33.93	Peak	360.00	150	Vertical	Pass
2**	2790.000	37.60	-5.04	54.0	-16.40	AV	58.00	150	Vertical	Pass
2	2790.000	47.72	-5.04	74.0	-26.28	Peak	58.00	150	Vertical	Pass
3**	4216.000	44.50	2.68	54.0	-9.50	AV	178.00	150	Vertical	Pass
3	4216.000	54.31	2.68	74.0	-19.69	Peak	178.00	150	Vertical	Pass
4**	5193.000	98.79	8.44	--	98.79	AV	317.00	150	Vertical	N/A
4	5193.000	106.65	8.44	--	-210.35	Peak	317.00	150	Vertical	N/A
5**	8098.250	38.60	-1.45	54.0	-15.40	AV	305.00	150	Vertical	Pass
5	8098.250	48.48	-1.45	74.0	-25.52	Peak	305.00	150	Vertical	Pass
6**	11282.312	39.27	0.62	54.0	-14.73	AV	345.00	150	Vertical	Pass
6	11282.312	50.17	0.62	74.0	-23.83	Peak	345.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1586.000	29.88	-13.99	54.0	-24.12	AV	202.00	150	Horizontal	Pass
1	1586.000	40.66	-13.99	74.0	-33.34	Peak	202.00	150	Horizontal	Pass
2**	2248.500	34.19	-8.54	54.0	-19.81	AV	152.00	150	Horizontal	Pass
2	2248.500	46.30	-8.54	74.0	-27.70	Peak	152.00	150	Horizontal	Pass
3**	3909.000	42.46	1.29	54.0	-11.54	AV	187.00	150	Horizontal	Pass
3	3909.000	53.18	1.29	74.0	-20.82	Peak	187.00	150	Horizontal	Pass
4**	5224.000	87.18	8.57	--	87.18	AV	254.00	150	Horizontal	N/A
4	5224.000	95.09	8.57	--	-158.91	Peak	254.00	150	Horizontal	N/A
5**	8298.062	37.76	-0.78	54.0	-16.24	AV	23.00	150	Horizontal	Pass
5	8298.062	48.27	-0.78	74.0	-25.73	Peak	23.00	150	Horizontal	Pass
6**	11725.062	39.58	1.33	54.0	-14.42	AV	269.00	150	Horizontal	Pass
6	11725.062	50.85	1.33	74.0	-23.15	Peak	269.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1369.500	29.15	-14.20	54.0	-24.85	AV	142.00	150	Vertical	Pass
1	1369.500	39.68	-14.20	74.0	-34.32	Peak	142.00	150	Vertical	Pass
2**	2752.500	36.35	-6.04	54.0	-17.65	AV	278.00	150	Vertical	Pass
2	2752.500	47.84	-6.04	74.0	-26.16	Peak	278.00	150	Vertical	Pass
3**	4215.000	44.00	2.56	54.0	-10.00	AV	360.00	150	Vertical	Pass
3	4215.000	53.63	2.56	74.0	-20.37	Peak	360.00	150	Vertical	Pass
4**	5258.000	105.87	8.73	--	105.87	AV	22.00	150	Vertical	N/A
4	5258.000	113.02	8.73	--	91.02	Peak	22.00	150	Vertical	N/A
5**	7529.000	37.35	-1.88	54.0	-16.65	AV	0.00	150	Vertical	Pass
5	7529.000	48.03	-1.88	74.0	-25.97	Peak	0.00	150	Vertical	Pass
6**	11234.875	39.19	-0.13	54.0	-14.81	AV	235.00	150	Vertical	Pass
6	11234.875	50.19	-0.13	74.0	-23.81	Peak	235.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1518.000	29.67	-14.02	54.0	-24.33	AV	360.00	150	Horizontal	Pass
1	1518.000	40.68	-14.02	74.0	-33.32	Peak	360.00	150	Horizontal	Pass
2**	2817.000	36.93	-5.06	54.0	-17.07	AV	47.00	150	Horizontal	Pass
2	2817.000	47.93	-5.06	74.0	-26.07	Peak	47.00	150	Horizontal	Pass
3**	3912.000	42.92	1.80	54.0	-11.08	AV	65.00	150	Horizontal	Pass
3	3912.000	52.86	1.80	74.0	-21.14	Peak	65.00	150	Horizontal	Pass
4**	5261.000	94.74	8.75	--	94.74	AV	254.00	150	Horizontal	N/A
4	5261.000	102.61	8.75	--	-151.39	Peak	254.00	150	Horizontal	N/A
5**	7516.063	37.31	-1.97	54.0	-16.69	AV	29.00	150	Horizontal	Pass
5	7516.063	48.55	-1.97	74.0	-25.45	Peak	29.00	150	Horizontal	Pass
6**	11738.000	39.67	1.22	54.0	-14.33	AV	292.00	150	Horizontal	Pass
6	11738.000	50.49	1.22	74.0	-23.51	Peak	292.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1546.000	30.13	-13.93	54.0	-23.87	AV	134.00	150	Vertical	Pass
1	1546.000	39.86	-13.93	74.0	-34.14	Peak	134.00	150	Vertical	Pass
2**	2778.500	37.55	-5.65	54.0	-16.45	AV	291.00	150	Vertical	Pass
2	2778.500	48.11	-5.65	74.0	-25.89	Peak	291.00	150	Vertical	Pass
3**	4215.000	44.27	2.56	54.0	-9.73	AV	355.00	150	Vertical	Pass
3	4215.000	53.67	2.56	74.0	-20.33	Peak	355.00	150	Vertical	Pass
4**	5298.000	104.86	8.98	--	104.86	AV	147.00	150	Vertical	N/A
4	5298.000	111.91	8.98	--	-35.09	Peak	147.00	150	Vertical	N/A
5**	8187.375	37.29	-2.16	54.0	-16.71	AV	41.00	150	Vertical	Pass
5	8187.375	48.55	-2.16	74.0	-25.45	Peak	41.00	150	Vertical	Pass
6**	12233.938	40.02	1.55	54.0	-13.98	AV	99.00	150	Vertical	Pass
6	12233.938	51.34	1.55	74.0	-22.66	Peak	99.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1544.000	29.81	-13.95	54.0	-24.19	AV	141.00	150	Horizontal	Pass
1	1544.000	39.86	-13.95	74.0	-34.14	Peak	141.00	150	Horizontal	Pass
2**	2799.000	36.23	-5.33	54.0	-17.77	AV	294.00	150	Horizontal	Pass
2	2799.000	47.72	-5.33	74.0	-26.28	Peak	294.00	150	Horizontal	Pass
3**	4215.000	44.37	2.56	54.0	-9.63	AV	308.00	150	Horizontal	Pass
3	4215.000	54.00	2.56	74.0	-20.00	Peak	308.00	150	Horizontal	Pass
4**	5296.000	92.19	9.00	--	92.19	AV	257.00	150	Horizontal	N/A
4	5296.000	100.59	9.00	--	-156.41	Peak	257.00	150	Horizontal	N/A
5**	7414.000	37.20	-2.65	54.0	-16.80	AV	106.00	150	Horizontal	Pass
5	7414.000	48.30	-2.65	74.0	-25.70	Peak	106.00	150	Horizontal	Pass
6**	12212.375	39.11	1.47	54.0	-14.89	AV	121.00	150	Horizontal	Pass
6	12212.375	50.89	1.47	74.0	-23.11	Peak	121.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1364.500	29.07	-14.25	54.0	-24.93	AV	360.00	150	Vertical	Pass
1	1364.500	39.44	-14.25	74.0	-34.56	Peak	360.00	150	Vertical	Pass
2**	2225.500	34.86	-8.66	54.0	-19.14	AV	144.00	150	Vertical	Pass
2	2225.500	45.59	-8.66	74.0	-28.41	Peak	144.00	150	Vertical	Pass
3**	3910.000	43.06	1.49	54.0	-10.94	AV	141.00	150	Vertical	Pass
3	3910.000	52.47	1.49	74.0	-21.53	Peak	141.00	150	Vertical	Pass
4**	5323.000	106.10	9.19	--	106.10	AV	141.00	150	Vertical	N/A
4	5323.000	113.35	9.19	--	-27.65	Peak	141.00	150	Vertical	N/A
5**	7529.000	37.83	-1.88	54.0	-16.17	AV	196.00	150	Vertical	Pass
5	7529.000	48.22	-1.88	74.0	-25.78	Peak	196.00	150	Vertical	Pass
6**	11029.313	39.03	-0.13	54.0	-14.97	AV	142.00	150	Vertical	Pass
6	11029.313	50.55	-0.13	74.0	-23.45	Peak	142.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1385.000	29.18	-14.15	54.0	-24.82	AV	360.00	150	Horizontal	Pass
1	1385.000	40.22	-14.15	74.0	-33.78	Peak	360.00	150	Horizontal	Pass
2**	2786.500	37.90	-5.05	54.0	-16.10	AV	21.00	150	Horizontal	Pass
2	2786.500	47.61	-5.05	74.0	-26.39	Peak	21.00	150	Horizontal	Pass
3**	4207.000	42.91	1.60	54.0	-11.09	AV	81.00	150	Horizontal	Pass
3	4207.000	53.16	1.60	74.0	-20.84	Peak	81.00	150	Horizontal	Pass
4**	5317.000	93.92	9.13	--	93.92	AV	253.00	150	Horizontal	N/A
4	5317.000	100.99	9.13	--	-152.01	Peak	253.00	150	Horizontal	N/A
5**	8262.125	37.40	-1.70	54.0	-16.60	AV	360.00	150	Horizontal	Pass
5	8262.125	48.25	-1.70	74.0	-25.75	Peak	360.00	150	Horizontal	Pass
6**	11738.000	39.47	1.22	54.0	-14.53	AV	31.00	150	Horizontal	Pass
6	11738.000	51.05	1.22	74.0	-22.95	Peak	31.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1334.000	29.55	-14.16	54.0	-24.45	AV	82.00	150	Vertical	Pass
1	1334.000	40.10	-14.16	74.0	-33.90	Peak	82.00	150	Vertical	Pass
2**	2783.500	37.32	-5.20	54.0	-16.68	AV	360.00	150	Vertical	Pass
2	2783.500	47.57	-5.20	74.0	-26.43	Peak	360.00	150	Vertical	Pass
3**	3906.000	41.83	0.67	54.0	-12.17	AV	198.00	150	Vertical	Pass
3	3906.000	53.47	0.67	74.0	-20.53	Peak	198.00	150	Vertical	Pass
4**	5264.000	101.96	8.76	--	101.96	AV	198.00	150	Vertical	N/A
4	5264.000	109.43	8.76	--	-88.57	Peak	198.00	150	Vertical	N/A
5**	7503.125	38.12	-2.26	54.0	-15.88	AV	67.00	150	Vertical	Pass
5	7503.125	48.54	-2.26	74.0	-25.46	Peak	67.00	150	Vertical	Pass
6**	12149.125	39.92	0.85	54.0	-14.08	AV	214.00	150	Vertical	Pass
6	12149.125	50.86	0.85	74.0	-23.14	Peak	214.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1542.000	29.70	-14.13	54.0	-24.30	AV	157.00	150	Horizontal	Pass
1	1542.000	40.27	-14.13	74.0	-33.73	Peak	157.00	150	Horizontal	Pass
2**	2789.500	37.08	-5.06	54.0	-16.92	AV	330.00	150	Horizontal	Pass
2	2789.500	47.66	-5.06	74.0	-26.34	Peak	330.00	150	Horizontal	Pass
3**	3909.000	42.37	1.29	54.0	-11.63	AV	198.00	150	Horizontal	Pass
3	3909.000	52.35	1.29	74.0	-21.65	Peak	198.00	150	Horizontal	Pass
4**	5264.000	90.72	8.76	--	90.72	AV	247.00	150	Horizontal	N/A
4	5264.000	99.98	8.76	--	-147.02	Peak	247.00	150	Horizontal	N/A
5**	7616.688	37.30	-2.64	54.0	-16.70	AV	360.00	150	Horizontal	Pass
5	7616.688	48.03	-2.64	74.0	-25.97	Peak	360.00	150	Horizontal	Pass
6**	12225.313	40.35	1.71	54.0	-13.65	AV	326.00	150	Horizontal	Pass
6	12225.313	51.09	1.71	74.0	-22.91	Peak	326.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1480.500	29.39	-14.18	54.0	-24.61	AV	74.00	150	Vertical	Pass
1	1480.500	40.23	-14.18	74.0	-33.77	Peak	74.00	150	Vertical	Pass
2**	2754.000	36.20	-5.97	54.0	-17.80	AV	57.00	150	Vertical	Pass
2	2754.000	47.61	-5.97	74.0	-26.39	Peak	57.00	150	Vertical	Pass
3**	3914.000	43.10	1.97	54.0	-10.90	AV	360.00	150	Vertical	Pass
3	3914.000	52.83	1.97	74.0	-21.17	Peak	360.00	150	Vertical	Pass
4**	5321.000	102.60	9.16	--	102.60	AV	29.00	150	Vertical	N/A
4	5321.000	109.69	9.16	--	80.69	Peak	29.00	150	Vertical	N/A
5**	7503.125	37.53	-2.26	54.0	-16.47	AV	232.00	150	Vertical	Pass
5	7503.125	48.26	-2.26	74.0	-25.74	Peak	232.00	150	Vertical	Pass
6**	10868.312	39.47	0.46	54.0	-14.53	AV	321.00	150	Vertical	Pass
6	10868.312	50.81	0.46	74.0	-23.19	Peak	321.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1560.500	29.47	-14.05	54.0	-24.53	AV	360.00	150	Horizontal	Pass
1	1560.500	40.30	-14.05	74.0	-33.70	Peak	360.00	150	Horizontal	Pass
2**	2791.500	36.86	-5.06	54.0	-17.14	AV	241.00	150	Horizontal	Pass
2	2791.500	47.29	-5.06	74.0	-26.71	Peak	241.00	150	Horizontal	Pass
3**	4219.000	43.60	2.54	54.0	-10.40	AV	253.00	150	Horizontal	Pass
3	4219.000	53.86	2.54	74.0	-20.14	Peak	253.00	150	Horizontal	Pass
4**	5320.000	90.43	9.15	--	90.43	AV	253.00	150	Horizontal	N/A
4	5320.000	96.87	9.15	--	-156.13	Peak	253.00	150	Horizontal	N/A
5**	7424.062	37.70	-2.52	54.0	-16.30	AV	360.00	150	Horizontal	Pass
5	7424.062	48.06	-2.52	74.0	-25.94	Peak	360.00	150	Horizontal	Pass
6**	11887.500	39.44	2.04	54.0	-14.56	AV	295.00	150	Horizontal	Pass
6	11887.500	50.34	2.04	74.0	-23.66	Peak	295.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1566.500	29.31	-14.05	54.0	-24.69	AV	360.00	150	Vertical	Pass
1	1566.500	40.12	-14.05	74.0	-33.88	Peak	360.00	150	Vertical	Pass
2**	2787.000	37.37	-5.07	54.0	-16.63	AV	3.00	150	Vertical	Pass
2	2787.000	47.44	-5.07	74.0	-26.56	Peak	3.00	150	Vertical	Pass
3**	4218.000	44.58	2.65	54.0	-9.42	AV	360.00	150	Vertical	Pass
3	4218.000	53.57	2.65	74.0	-20.43	Peak	360.00	150	Vertical	Pass
4**	5263.000	105.64	8.76	--	105.64	AV	26.00	150	Vertical	N/A
4	5263.000	112.71	8.76	--	86.71	Peak	26.00	150	Vertical	N/A
5**	7612.375	37.70	-2.41	54.0	-16.30	AV	360.00	150	Vertical	Pass
5	7612.375	48.04	-2.41	74.0	-25.96	Peak	360.00	150	Vertical	Pass
6**	12223.875	40.18	1.69	54.0	-13.82	AV	305.00	150	Vertical	Pass
6	12223.875	51.44	1.69	74.0	-22.56	Peak	305.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1551.500	29.67	-13.74	54.0	-24.33	AV	11.00	150	Horizontal	Pass
1	1551.500	40.47	-13.74	74.0	-33.53	Peak	11.00	150	Horizontal	Pass
2**	2789.500	37.27	-5.06	54.0	-16.73	AV	259.00	150	Horizontal	Pass
2	2789.500	47.03	-5.06	74.0	-26.97	Peak	259.00	150	Horizontal	Pass
3**	4213.000	43.92	2.30	54.0	-10.08	AV	298.00	150	Horizontal	Pass
3	4213.000	54.36	2.30	74.0	-19.64	Peak	298.00	150	Horizontal	Pass
4**	5262.000	95.82	8.75	--	95.82	AV	257.00	150	Horizontal	N/A
4	5262.000	102.51	8.75	--	-154.49	Peak	257.00	150	Horizontal	N/A
5**	7523.250	37.64	-2.08	54.0	-16.36	AV	278.00	150	Horizontal	Pass
5	7523.250	48.45	-2.08	74.0	-25.55	Peak	278.00	150	Horizontal	Pass
6**	12024.063	39.59	1.12	54.0	-14.41	AV	160.00	150	Horizontal	Pass
6	12024.063	50.88	1.12	74.0	-23.12	Peak	160.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1347.500	29.41	-14.02	54.0	-24.59	AV	120.00	150	Vertical	Pass
1	1347.500	39.82	-14.02	74.0	-34.18	Peak	120.00	150	Vertical	Pass
2**	2794.500	37.66	-5.04	54.0	-16.34	AV	360.00	150	Vertical	Pass
2	2794.500	47.44	-5.04	74.0	-26.56	Peak	360.00	150	Vertical	Pass
3**	3916.000	42.55	1.77	54.0	-11.45	AV	302.00	150	Vertical	Pass
3	3916.000	52.51	1.77	74.0	-21.49	Peak	302.00	150	Vertical	Pass
4**	5303.000	104.50	8.97	--	104.50	AV	302.00	150	Vertical	N/A
4	5303.000	111.77	8.97	--	-190.23	Peak	302.00	150	Vertical	N/A
5**	7547.687	38.45	-1.43	54.0	-15.55	AV	360.00	150	Vertical	Pass
5	7547.687	48.38	-1.43	74.0	-25.62	Peak	360.00	150	Vertical	Pass
6**	12522.875	39.77	1.53	54.0	-14.23	AV	360.00	150	Vertical	Pass
6	12522.875	50.59	1.53	74.0	-23.41	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1369.000	29.54	-14.10	54.0	-24.46	AV	301.00	150	Horizontal	Pass
1	1369.000	39.84	-14.10	74.0	-34.16	Peak	301.00	150	Horizontal	Pass
2**	2785.000	37.42	-5.08	54.0	-16.58	AV	286.00	150	Horizontal	Pass
2	2785.000	47.09	-5.08	74.0	-26.91	Peak	286.00	150	Horizontal	Pass
3**	4212.000	43.54	2.16	54.0	-10.46	AV	260.00	150	Horizontal	Pass
3	4212.000	53.73	2.16	74.0	-20.27	Peak	260.00	150	Horizontal	Pass
4**	5295.000	90.84	9.01	--	90.84	AV	260.00	150	Horizontal	N/A
4	5295.000	100.29	9.01	--	-159.71	Peak	260.00	150	Horizontal	N/A
5**	7418.313	37.43	-2.42	54.0	-16.57	AV	301.00	150	Horizontal	Pass
5	7418.313	48.30	-2.42	74.0	-25.70	Peak	301.00	150	Horizontal	Pass
6**	12328.813	39.52	1.86	54.0	-14.48	AV	110.00	150	Horizontal	Pass
6	12328.813	51.10	1.86	74.0	-22.90	Peak	110.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1331.500	29.37	-14.26	54.0	-24.63	AV	17.00	150	Vertical	Pass
1	1331.500	40.14	-14.26	74.0	-33.86	Peak	17.00	150	Vertical	Pass
2**	2835.500	36.03	-5.73	54.0	-17.97	AV	360.00	150	Vertical	Pass
2	2835.500	47.22	-5.73	74.0	-26.78	Peak	360.00	150	Vertical	Pass
3**	4276.000	43.02	1.70	54.0	-10.98	AV	0.00	150	Vertical	Pass
3	4276.000	53.96	1.70	74.0	-20.04	Peak	0.00	150	Vertical	Pass
4**	5319.000	105.58	9.14	--	105.58	AV	191.00	150	Vertical	N/A
4	5319.000	112.45	9.14	--	-78.55	Peak	191.00	150	Vertical	N/A
5**	7431.250	37.98	-2.47	54.0	-16.02	AV	267.00	150	Vertical	Pass
5	7431.250	48.26	-2.47	74.0	-25.74	Peak	267.00	150	Vertical	Pass
6**	11495.063	39.51	0.30	54.0	-14.49	AV	306.00	150	Vertical	Pass
6	11495.063	50.98	0.30	74.0	-23.02	Peak	306.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1522.000	29.69	-14.33	54.0	-24.31	AV	236.00	150	Horizontal	Pass
1	1522.000	40.62	-14.33	74.0	-33.38	Peak	236.00	150	Horizontal	Pass
2**	2789.000	37.16	-5.09	54.0	-16.84	AV	360.00	150	Horizontal	Pass
2	2789.000	46.86	-5.09	74.0	-27.14	Peak	360.00	150	Horizontal	Pass
3**	4215.000	43.95	2.56	54.0	-10.05	AV	204.00	150	Horizontal	Pass
3	4215.000	54.87	2.56	74.0	-19.13	Peak	204.00	150	Horizontal	Pass
4**	5322.000	94.33	9.17	--	94.33	AV	64.00	150	Horizontal	N/A
4	5322.000	100.85	9.17	--	36.85	Peak	64.00	150	Horizontal	N/A
5**	7487.312	37.28	-2.71	54.0	-16.72	AV	130.00	150	Horizontal	Pass
5	7487.312	48.52	-2.71	74.0	-25.48	Peak	130.00	150	Horizontal	Pass
6**	11029.313	39.33	-0.13	54.0	-14.67	AV	143.00	150	Horizontal	Pass
6	11029.313	50.91	-0.13	74.0	-23.09	Peak	143.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1498.000	29.55	-14.27	54.0	-24.45	AV	146.00	150	Vertical	Pass
1	1498.000	41.12	-14.27	74.0	-32.88	Peak	146.00	150	Vertical	Pass
2**	2859.500	37.27	-5.16	54.0	-16.73	AV	305.00	150	Vertical	Pass
2	2859.500	47.83	-5.16	74.0	-26.17	Peak	305.00	150	Vertical	Pass
3**	4108.000	42.79	1.14	54.0	-11.21	AV	0.00	150	Vertical	Pass
3	4108.000	53.42	1.14	74.0	-20.58	Peak	0.00	150	Vertical	Pass
4**	5266.000	102.27	8.77	--	102.27	AV	153.00	150	Vertical	N/A
4	5266.000	110.43	8.77	--	-42.57	Peak	153.00	150	Vertical	N/A
5**	7484.438	37.77	-2.67	54.0	-16.23	AV	40.00	150	Vertical	Pass
5	7484.438	47.90	-2.67	74.0	-26.10	Peak	40.00	150	Vertical	Pass
6**	11750.938	39.12	1.19	54.0	-14.88	AV	360.00	150	Vertical	Pass
6	11750.938	50.82	1.19	74.0	-23.18	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1546.500	29.67	-13.99	54.0	-24.33	AV	0.00	150	Horizontal	Pass
1	1546.500	40.38	-13.99	74.0	-33.62	Peak	0.00	150	Horizontal	Pass
2**	2787.500	37.51	-5.09	54.0	-16.49	AV	290.00	150	Horizontal	Pass
2	2787.500	47.18	-5.09	74.0	-26.82	Peak	290.00	150	Horizontal	Pass
3**	4215.000	44.32	2.56	54.0	-9.68	AV	73.00	150	Horizontal	Pass
3	4215.000	53.64	2.56	74.0	-20.36	Peak	73.00	150	Horizontal	Pass
4**	5263.000	90.59	8.76	--	90.59	AV	251.00	150	Horizontal	N/A
4	5263.000	98.13	8.76	--	-152.87	Peak	251.00	150	Horizontal	N/A
5**	7503.125	37.75	-2.26	54.0	-16.25	AV	179.00	150	Horizontal	Pass
5	7503.125	48.49	-2.26	74.0	-25.51	Peak	179.00	150	Horizontal	Pass
6**	12229.625	39.88	1.69	54.0	-14.12	AV	314.00	150	Horizontal	Pass
6	12229.625	50.85	1.69	74.0	-23.15	Peak	314.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1536.500	29.79	-13.97	54.0	-24.21	AV	84.00	150	Vertical	Pass
1	1536.500	40.36	-13.97	74.0	-33.64	Peak	84.00	150	Vertical	Pass
2**	2790.000	37.60	-5.04	54.0	-16.40	AV	263.00	150	Vertical	Pass
2	2790.000	46.98	-5.04	74.0	-27.02	Peak	263.00	150	Vertical	Pass
3**	4212.000	44.03	2.16	54.0	-9.97	AV	226.00	150	Vertical	Pass
3	4212.000	53.68	2.16	74.0	-20.32	Peak	226.00	150	Vertical	Pass
4**	5316.000	102.21	9.12	--	102.21	AV	136.00	150	Vertical	N/A
4	5316.000	109.84	9.12	--	-26.16	Peak	136.00	150	Vertical	N/A
5**	8207.500	37.42	-1.70	54.0	-16.58	AV	330.00	150	Vertical	Pass
5	8207.500	48.61	-1.70	74.0	-25.39	Peak	330.00	150	Vertical	Pass
6**	11910.500	39.80	1.87	54.0	-14.20	AV	227.00	150	Vertical	Pass
6	11910.500	51.17	1.87	74.0	-22.83	Peak	227.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1547.500	29.73	-14.08	54.0	-24.27	AV	0.00	150	Horizontal	Pass
1	1547.500	40.32	-14.08	74.0	-33.68	Peak	0.00	150	Horizontal	Pass
2**	2815.000	37.04	-5.13	54.0	-16.96	AV	228.00	150	Horizontal	Pass
2	2815.000	48.13	-5.13	74.0	-25.87	Peak	228.00	150	Horizontal	Pass
3**	4217.000	44.39	2.67	54.0	-9.61	AV	220.00	150	Horizontal	Pass
3	4217.000	53.69	2.67	74.0	-20.31	Peak	220.00	150	Horizontal	Pass
4**	5321.000	90.62	9.16	--	90.62	AV	252.00	150	Horizontal	N/A
4	5321.000	97.49	9.16	--	-154.51	Peak	252.00	150	Horizontal	N/A
5**	7544.813	37.85	-1.67	54.0	-16.15	AV	43.00	150	Horizontal	Pass
5	7544.813	47.99	-1.67	74.0	-26.01	Peak	43.00	150	Horizontal	Pass
6**	11893.250	39.82	2.15	54.0	-14.18	AV	164.00	150	Horizontal	Pass
6	11893.250	51.30	2.15	74.0	-22.70	Peak	164.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1596.500	29.22	-14.18	54.0	-24.78	AV	196.00	150	Vertical	Pass
1	1596.500	40.29	-14.18	74.0	-33.71	Peak	196.00	150	Vertical	Pass
2**	2869.500	36.96	-5.58	54.0	-17.04	AV	43.00	150	Vertical	Pass
2	2869.500	47.58	-5.58	74.0	-26.42	Peak	43.00	150	Vertical	Pass
3**	3912.000	42.98	1.80	54.0	-11.02	AV	329.00	150	Vertical	Pass
3	3912.000	53.36	1.80	74.0	-20.64	Peak	329.00	150	Vertical	Pass
4**	5286.000	99.42	8.89	--	99.42	AV	193.00	150	Vertical	N/A
4	5286.000	107.57	8.89	--	-85.43	Peak	193.00	150	Vertical	N/A
5**	8312.437	38.23	-1.33	54.0	-15.77	AV	12.00	150	Vertical	Pass
5	8312.437	48.72	-1.33	74.0	-25.28	Peak	12.00	150	Vertical	Pass
6**	12005.375	40.07	1.49	54.0	-13.93	AV	184.00	150	Vertical	Pass
6	12005.375	52.13	1.49	74.0	-21.87	Peak	184.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.500	29.49	-13.98	54.0	-24.51	AV	14.00	150	Horizontal	Pass
1	1584.500	41.53	-13.98	74.0	-32.47	Peak	14.00	150	Horizontal	Pass
2**	2781.500	37.59	-5.37	54.0	-16.41	AV	168.00	150	Horizontal	Pass
2	2781.500	47.61	-5.37	74.0	-26.39	Peak	168.00	150	Horizontal	Pass
3**	4215.000	44.13	2.56	54.0	-9.87	AV	74.00	150	Horizontal	Pass
3	4215.000	53.63	2.56	74.0	-20.37	Peak	74.00	150	Horizontal	Pass
4**	5276.000	86.63	8.88	--	86.63	AV	232.00	150	Horizontal	N/A
4	5276.000	94.87	8.88	--	-137.13	Peak	232.00	150	Horizontal	N/A
5**	7501.687	37.46	-2.40	54.0	-16.54	AV	11.00	150	Horizontal	Pass
5	7501.687	49.04	-2.40	74.0	-24.96	Peak	11.00	150	Horizontal	Pass
6**	11909.063	39.92	1.92	54.0	-14.08	AV	299.00	150	Horizontal	Pass
6	11909.063	51.46	1.92	74.0	-22.54	Peak	299.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1583.000	26.14	-17.48	54.0	-27.86	AV	313.00	150	Vertical	Pass
1	1583.000	37.19	-17.48	74.0	-36.81	Peak	313.00	150	Vertical	Pass
2**	2851.000	31.94	-10.35	54.0	-22.06	AV	67.00	150	Vertical	Pass
2	2851.000	43.08	-10.35	74.0	-30.92	Peak	67.00	150	Vertical	Pass
3**	3972.000	36.18	-4.84	54.0	-17.82	AV	359.00	150	Vertical	Pass
3	3972.000	47.96	-4.84	74.0	-26.04	Peak	359.00	150	Vertical	Pass
4**	5503.000	96.06	-2.49	--	96.06	AV	295.00	150	Vertical	N/A
4	5503.000	104.34	-2.49	--	-190.66	Peak	295.00	150	Vertical	N/A
5**	7493.063	37.43	-2.55	54.0	-16.57	AV	96.00	150	Vertical	Pass
5	7493.063	48.10	-2.55	74.0	-25.90	Peak	96.00	150	Vertical	Pass
6**	11904.750	39.97	2.05	54.0	-14.03	AV	73.00	150	Vertical	Pass
6	11904.750	50.78	2.05	74.0	-23.22	Peak	73.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1508.500	25.99	-17.35	54.0	-28.01	AV	347.00	150	Horizontal	Pass
1	1508.500	36.81	-17.35	74.0	-37.19	Peak	347.00	150	Horizontal	Pass
2**	2815.000	31.65	-9.97	54.0	-22.35	AV	360.00	150	Horizontal	Pass
2	2815.000	42.89	-9.97	74.0	-31.11	Peak	360.00	150	Horizontal	Pass
3**	4209.000	36.72	-4.58	54.0	-17.28	AV	58.00	150	Horizontal	Pass
3	4209.000	48.30	-4.58	74.0	-25.70	Peak	58.00	150	Horizontal	Pass
4**	5502.000	87.18	-2.46	--	87.18	AV	73.00	150	Horizontal	N/A
4	5502.000	93.89	-2.46	--	20.89	Peak	73.00	150	Horizontal	N/A
5**	7418.313	37.56	-2.42	54.0	-16.44	AV	9.00	150	Horizontal	Pass
5	7418.313	48.08	-2.42	74.0	-25.92	Peak	9.00	150	Horizontal	Pass
6**	11988.125	39.56	1.30	54.0	-14.44	AV	297.00	150	Horizontal	Pass
6	11988.125	51.30	1.30	74.0	-22.70	Peak	297.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1399.500	25.99	-17.37	54.0	-28.01	AV	136.00	150	Vertical	Pass
1	1399.500	36.71	-17.37	74.0	-37.29	Peak	136.00	150	Vertical	Pass
2**	1997.000	28.74	-15.64	--	28.74	AV	0.00	150	Vertical	Pass
2	1997.000	44.19	-15.64	68.2	-24.01	Peak	0.00	150	Vertical	Pass
3**	3666.000	36.58	-5.59	54.0	-17.42	AV	91.00	150	Vertical	Pass
3	3666.000	46.57	-5.59	74.0	-27.43	Peak	91.00	150	Vertical	Pass
4**	5577.000	96.43	-2.39	--	96.43	AV	206.00	150	Vertical	N/A
4	5577.000	103.77	-2.39	--	-102.23	Peak	206.00	150	Vertical	N/A
5**	7511.750	37.99	-2.50	54.0	-16.01	AV	360.00	150	Vertical	Pass
5	7511.750	48.56	-2.50	74.0	-25.44	Peak	360.00	150	Vertical	Pass
6**	11896.125	40.70	2.20	54.0	-13.30	AV	46.00	150	Vertical	Pass
6	11896.125	51.11	2.20	74.0	-22.89	Peak	46.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1335.000	26.25	-17.07	54.0	-27.75	AV	360.00	150	Horizontal	Pass
1	1335.000	36.50	-17.07	74.0	-37.50	Peak	360.00	150	Horizontal	Pass
2**	2253.500	31.06	-12.58	54.0	-22.94	AV	90.00	150	Horizontal	Pass
2	2253.500	41.42	-12.58	74.0	-32.58	Peak	90.00	150	Horizontal	Pass
3**	3996.000	36.90	-4.08	54.0	-17.10	AV	264.00	150	Horizontal	Pass
3	3996.000	47.63	-4.08	74.0	-26.37	Peak	264.00	150	Horizontal	Pass
4**	5579.000	88.59	-2.51	--	88.59	AV	287.00	150	Horizontal	N/A
4	5579.000	95.91	-2.51	--	-191.09	Peak	287.00	150	Horizontal	N/A
5**	7444.188	37.74	-3.05	54.0	-16.26	AV	256.00	150	Horizontal	Pass
5	7444.188	48.35	-3.05	74.0	-25.65	Peak	256.00	150	Horizontal	Pass
6**	11914.812	40.01	1.76	54.0	-13.99	AV	233.00	150	Horizontal	Pass
6	11914.812	50.86	1.76	74.0	-23.14	Peak	233.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1484.000	26.61	-17.36	54.0	-27.39	AV	55.00	150	Vertical	Pass
1	1484.000	36.76	-17.36	74.0	-37.24	Peak	55.00	150	Vertical	Pass
2**	2835.500	31.90	-9.92	54.0	-22.10	AV	12.00	150	Vertical	Pass
2	2835.500	43.24	-9.92	74.0	-30.76	Peak	12.00	150	Vertical	Pass
3**	4886.000	42.07	-2.84	54.0	-11.93	AV	183.00	150	Vertical	Pass
3	4886.000	52.87	-2.84	74.0	-21.13	Peak	183.00	150	Vertical	Pass
4**	5704.000	96.74	-1.87	--	96.74	AV	299.00	150	Vertical	N/A
4	5704.000	104.55	-1.87	--	-194.45	Peak	299.00	150	Vertical	N/A
5**	7540.500	38.10	-1.50	54.0	-15.90	AV	199.00	150	Vertical	Pass
5	7540.500	49.26	-1.50	74.0	-24.74	Peak	199.00	150	Vertical	Pass
6**	12067.188	40.14	1.15	54.0	-13.86	AV	360.00	150	Vertical	Pass
6	12067.188	51.49	1.15	74.0	-22.51	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1528.000	25.96	-17.37	54.0	-28.04	AV	63.00	150	Horizontal	Pass
1	1528.000	36.81	-17.37	74.0	-37.19	Peak	63.00	150	Horizontal	Pass
2**	2812.500	31.94	-10.00	54.0	-22.06	AV	266.00	150	Horizontal	Pass
2	2812.500	42.78	-10.00	74.0	-31.22	Peak	266.00	150	Horizontal	Pass
3**	4111.000	36.14	-5.00	54.0	-17.86	AV	336.00	150	Horizontal	Pass
3	4111.000	47.35	-5.00	74.0	-26.65	Peak	336.00	150	Horizontal	Pass
4**	5697.000	87.33	-1.51	--	87.33	AV	282.00	150	Horizontal	N/A
4	5697.000	95.35	-1.51	--	-186.65	Peak	282.00	150	Horizontal	N/A
5**	7516.063	37.97	-1.97	54.0	-16.03	AV	190.00	150	Horizontal	Pass
5	7516.063	48.18	-1.97	74.0	-25.82	Peak	190.00	150	Horizontal	Pass
6**	11894.688	40.03	2.18	54.0	-13.97	AV	36.00	150	Horizontal	Pass
6	11894.688	51.31	2.18	74.0	-22.69	Peak	36.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11n20 ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1614.500	26.24	-17.43	54.0	-27.76	AV	333.00	150	Vertical	Pass
1	1614.500	37.55	-17.43	74.0	-36.45	Peak	333.00	150	Vertical	Pass
2**	2271.500	30.61	-12.58	54.0	-23.39	AV	360.00	150	Vertical	Pass
2	2271.500	41.37	-12.58	74.0	-32.63	Peak	360.00	150	Vertical	Pass
3**	3989.000	37.46	-3.88	54.0	-16.54	AV	25.00	150	Vertical	Pass
3	3989.000	47.10	-3.88	74.0	-26.90	Peak	25.00	150	Vertical	Pass
4**	5717.000	96.48	-2.40	--	96.48	AV	298.00	150	Vertical	N/A
4	5717.000	103.65	-2.40	--	-194.35	Peak	298.00	150	Vertical	N/A
5**	7508.875	37.75	-2.23	54.0	-16.25	AV	306.00	150	Vertical	Pass
5	7508.875	47.93	-2.23	74.0	-26.07	Peak	306.00	150	Vertical	Pass
6**	11279.438	39.64	0.61	54.0	-14.36	AV	1.00	150	Vertical	Pass
6	11279.438	50.82	0.61	74.0	-23.18	Peak	1.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11n20 ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1520.500	26.32	-17.36	54.0	-27.68	AV	141.00	150	Horizontal	Pass
1	1520.500	36.95	-17.36	74.0	-37.05	Peak	141.00	150	Horizontal	Pass
2**	2813.000	31.88	-10.01	54.0	-22.12	AV	253.00	150	Horizontal	Pass
2	2813.000	42.05	-10.01	74.0	-31.95	Peak	253.00	150	Horizontal	Pass
3**	3989.000	37.01	-3.88	54.0	-16.99	AV	274.00	150	Horizontal	Pass
3	3989.000	46.58	-3.88	74.0	-27.42	Peak	274.00	150	Horizontal	Pass
4**	5719.000	86.89	-2.28	--	86.89	AV	292.00	150	Horizontal	N/A
4	5719.000	94.33	-2.28	--	-197.67	Peak	292.00	150	Horizontal	N/A
5**	7485.875	37.82	-2.63	54.0	-16.18	AV	1.00	150	Horizontal	Pass
5	7485.875	48.63	-2.63	74.0	-25.37	Peak	1.00	150	Horizontal	Pass
6**	12041.312	39.66	1.22	54.0	-14.34	AV	271.00	150	Horizontal	Pass
6	12041.312	50.73	1.22	74.0	-23.27	Peak	271.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1592.000	26.10	-17.14	54.0	-27.90	AV	331.00	150	Vertical	Pass
1	1592.000	36.80	-17.14	74.0	-37.20	Peak	331.00	150	Vertical	Pass
2**	2764.500	32.16	-10.15	54.0	-21.84	AV	284.00	150	Vertical	Pass
2	2764.500	42.55	-10.15	74.0	-31.45	Peak	284.00	150	Vertical	Pass
3**	4000.000	36.69	-4.02	54.0	-17.31	AV	263.00	150	Vertical	Pass
3	4000.000	46.85	-4.02	74.0	-27.15	Peak	263.00	150	Vertical	Pass
4**	5507.000	94.66	-2.43	--	94.66	AV	196.00	150	Vertical	N/A
4	5507.000	102.29	-2.43	--	-93.71	Peak	196.00	150	Vertical	N/A
5**	8299.500	37.90	-1.06	54.0	-16.10	AV	360.00	150	Vertical	Pass
5	8299.500	49.33	-1.06	74.0	-24.67	Peak	360.00	150	Vertical	Pass
6**	11922.000	39.56	1.69	54.0	-14.44	AV	73.00	150	Vertical	Pass
6	11922.000	50.39	1.69	74.0	-23.61	Peak	73.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1371.000	26.44	-17.08	54.0	-27.56	AV	243.00	150	Horizontal	Pass
1	1371.000	37.18	-17.08	74.0	-36.82	Peak	243.00	150	Horizontal	Pass
2**	2789.500	31.77	-10.49	54.0	-22.23	AV	113.00	150	Horizontal	Pass
2	2789.500	42.11	-10.49	74.0	-31.89	Peak	113.00	150	Horizontal	Pass
3**	3987.000	37.25	-3.96	54.0	-16.75	AV	360.00	150	Horizontal	Pass
3	3987.000	47.71	-3.96	74.0	-26.29	Peak	360.00	150	Horizontal	Pass
4**	5505.000	83.43	-2.46	--	83.43	AV	303.00	150	Horizontal	N/A
4	5505.000	90.41	-2.46	--	-212.59	Peak	303.00	150	Horizontal	N/A
5**	7540.500	37.73	-1.50	54.0	-16.27	AV	-1.00	150	Horizontal	Pass
5	7540.500	48.54	-1.50	74.0	-25.46	Peak	-1.00	150	Horizontal	Pass
6**	12118.938	39.53	0.88	54.0	-14.47	AV	28.00	150	Horizontal	Pass
6	12118.938	50.52	0.88	74.0	-23.48	Peak	28.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1479.500	26.04	-17.42	54.0	-27.96	AV	29.00	150	Vertical	Pass
1	1479.500	37.77	-17.42	74.0	-36.23	Peak	29.00	150	Vertical	Pass
2**	2789.500	31.97	-10.49	54.0	-22.03	AV	147.00	150	Vertical	Pass
2	2789.500	43.07	-10.49	74.0	-30.93	Peak	147.00	150	Vertical	Pass
3**	4303.000	37.50	-3.91	54.0	-16.50	AV	361.00	150	Vertical	Pass
3	4303.000	48.61	-3.91	74.0	-25.39	Peak	361.00	150	Vertical	Pass
4**	5581.000	94.76	-2.60	--	94.76	AV	298.00	150	Vertical	N/A
4	5581.000	103.29	-2.60	--	-194.71	Peak	298.00	150	Vertical	N/A
5**	7485.875	37.86	-2.63	54.0	-16.14	AV	128.00	150	Vertical	Pass
5	7485.875	48.58	-2.63	74.0	-25.42	Peak	128.00	150	Vertical	Pass
6**	12070.062	39.61	1.08	54.0	-14.39	AV	29.00	150	Vertical	Pass
6	12070.062	51.05	1.08	74.0	-22.95	Peak	29.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1519.000	26.92	-17.27	54.0	-27.08	AV	6.00	150	Horizontal	Pass
1	1519.000	36.92	-17.27	74.0	-37.08	Peak	6.00	150	Horizontal	Pass
2**	2775.500	31.67	-10.45	54.0	-22.33	AV	265.00	150	Horizontal	Pass
2	2775.500	42.26	-10.45	74.0	-31.74	Peak	265.00	150	Horizontal	Pass
3**	3992.000	37.10	-3.84	54.0	-16.90	AV	12.00	150	Horizontal	Pass
3	3992.000	47.07	-3.84	74.0	-26.93	Peak	12.00	150	Horizontal	Pass
4**	5597.000	84.87	-2.36	--	84.87	AV	298.00	150	Horizontal	N/A
4	5597.000	92.09	-2.36	--	-205.91	Peak	298.00	150	Horizontal	N/A
5**	7493.063	37.36	-2.55	54.0	-16.64	AV	267.00	150	Horizontal	Pass
5	7493.063	48.52	-2.55	74.0	-25.48	Peak	267.00	150	Horizontal	Pass
6**	12108.875	39.50	0.88	54.0	-14.50	AV	0.00	150	Horizontal	Pass
6	12108.875	51.15	0.88	74.0	-22.85	Peak	0.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	2258.000	30.45	-12.73	54.0	-23.55	AV	308.00	150	Vertical	Pass
1	2258.000	41.48	-12.73	74.0	-32.52	Peak	308.00	150	Vertical	Pass
2**	3987.000	36.96	-3.96	54.0	-17.04	AV	118.00	150	Vertical	Pass
2	3987.000	47.51	-3.96	74.0	-26.49	Peak	118.00	150	Vertical	Pass
3**	4861.000	45.67	-2.76	54.0	-8.33	AV	349.00	150	Vertical	Pass
3	4861.000	47.68	-2.76	74.0	-26.32	Peak	349.00	150	Vertical	Pass
4**	5677.000	95.39	-2.01	--	95.39	AV	319.00	150	Vertical	N/A
4	5677.000	103.41	-2.01	--	-215.59	Peak	319.00	150	Vertical	N/A
5**	7550.562	37.35	-1.76	54.0	-16.65	AV	178.00	150	Vertical	Pass
5	7550.562	48.41	-1.76	74.0	-25.59	Peak	178.00	150	Vertical	Pass
6**	12271.313	39.69	1.73	54.0	-14.31	AV	360.00	150	Vertical	Pass
6	12271.313	51.14	1.73	74.0	-22.86	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1380.500	26.29	-17.32	54.0	-27.71	AV	257.00	150	Horizontal	Pass
1	1380.500	36.68	-17.32	74.0	-37.32	Peak	257.00	150	Horizontal	Pass
2**	2777.000	31.79	-10.44	54.0	-22.21	AV	360.00	150	Horizontal	Pass
2	2777.000	42.51	-10.44	74.0	-31.49	Peak	360.00	150	Horizontal	Pass
3**	4743.000	39.11	-2.88	54.0	-14.89	AV	216.00	150	Horizontal	Pass
3	4743.000	49.99	-2.88	74.0	-24.01	Peak	216.00	150	Horizontal	Pass
4**	5667.000	87.05	-2.35	--	87.05	AV	281.00	150	Horizontal	N/A
4	5667.000	96.02	-2.35	--	-184.98	Peak	281.00	150	Horizontal	N/A
5**	7534.750	37.83	-1.82	54.0	-16.17	AV	46.00	150	Horizontal	Pass
5	7534.750	47.74	-1.82	74.0	-26.26	Peak	46.00	150	Horizontal	Pass
6**	11939.250	39.84	1.79	54.0	-14.16	AV	226.00	150	Horizontal	Pass
6	11939.250	50.82	1.79	74.0	-23.18	Peak	226.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11n40 ANT V CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1506.500	26.32	-17.58	54.0	-27.68	AV	332.00	150	Vertical	Pass
1	1506.500	36.70	-17.58	74.0	-37.30	Peak	332.00	150	Vertical	Pass
2**	2793.000	31.60	-10.60	54.0	-22.40	AV	241.00	150	Vertical	Pass
2	2793.000	42.52	-10.60	74.0	-31.48	Peak	241.00	150	Vertical	Pass
3**	4895.000	46.58	-3.05	54.0	-7.42	AV	313.00	150	Vertical	Pass
3	4895.000	49.77	-3.05	74.0	-24.23	Peak	313.00	150	Vertical	Pass
4**	5706.000	95.85	-2.07	--	95.85	AV	203.00	150	Vertical	N/A
4	5706.000	103.24	-2.07	--	-99.76	Peak	203.00	150	Vertical	N/A
5**	7504.563	37.96	-2.35	54.0	-16.04	AV	0.00	150	Vertical	Pass
5	7504.563	47.99	-2.35	74.0	-26.01	Peak	0.00	150	Vertical	Pass
6**	12060.000	40.03	1.28	54.0	-13.97	AV	287.00	150	Vertical	Pass
6	12060.000	51.13	1.28	74.0	-22.87	Peak	287.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11n40 ANT H CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1524.500	26.38	-17.35	54.0	-27.62	AV	149.00	150	Horizontal	Pass
1	1524.500	37.05	-17.35	74.0	-36.95	Peak	149.00	150	Horizontal	Pass
2**	2793.000	31.61	-10.60	54.0	-22.39	AV	314.00	150	Horizontal	Pass
2	2793.000	42.74	-10.60	74.0	-31.26	Peak	314.00	150	Horizontal	Pass
3**	3982.000	37.37	-4.27	54.0	-16.63	AV	0.00	150	Horizontal	Pass
3	3982.000	46.88	-4.27	74.0	-27.12	Peak	0.00	150	Horizontal	Pass
4**	5707.000	87.25	-2.07	--	87.25	AV	294.00	150	Horizontal	N/A
4	5707.000	94.76	-2.07	--	-199.24	Peak	294.00	150	Horizontal	N/A
5**	7579.313	36.77	-2.75	54.0	-17.23	AV	192.00	150	Horizontal	Pass
5	7579.313	47.96	-2.75	74.0	-26.04	Peak	192.00	150	Horizontal	Pass
6**	12282.812	40.26	2.09	54.0	-13.74	AV	360.00	150	Horizontal	Pass
6	12282.812	51.17	2.09	74.0	-22.83	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1475.000	25.87	-17.32	54.0	-28.13	AV	0.00	150	Vertical	Pass
1	1475.000	37.12	-17.32	74.0	-36.88	Peak	0.00	150	Vertical	Pass
2**	2818.500	31.94	-10.13	54.0	-22.06	AV	279.00	150	Vertical	Pass
2	2818.500	42.27	-10.13	74.0	-31.73	Peak	279.00	150	Vertical	Pass
3**	3983.000	36.91	-4.27	54.0	-17.09	AV	193.00	150	Vertical	Pass
3	3983.000	46.62	-4.27	74.0	-27.38	Peak	193.00	150	Vertical	Pass
4**	5497.000	96.49	-2.29	--	96.49	AV	0.00	150	Vertical	N/A
4	5497.000	104.58	-2.29	--	104.58	Peak	0.00	150	Vertical	N/A
5**	8091.062	38.10	-1.92	54.0	-15.90	AV	160.00	150	Vertical	Pass
5	8091.062	48.80	-1.92	74.0	-25.20	Peak	160.00	150	Vertical	Pass
6**	12150.563	39.78	0.86	54.0	-14.22	AV	269.00	150	Vertical	Pass
6	12150.563	50.63	0.86	74.0	-23.37	Peak	269.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1523.500	26.30	-17.44	54.0	-27.70	AV	57.00	150	Horizontal	Pass
1	1523.500	36.76	-17.44	74.0	-37.24	Peak	57.00	150	Horizontal	Pass
2**	2807.500	31.86	-9.91	54.0	-22.14	AV	41.00	150	Horizontal	Pass
2	2807.500	42.46	-9.91	74.0	-31.54	Peak	41.00	150	Horizontal	Pass
3**	3981.000	36.98	-4.24	54.0	-17.02	AV	339.00	150	Horizontal	Pass
3	3981.000	46.85	-4.24	74.0	-27.15	Peak	339.00	150	Horizontal	Pass
4**	5501.000	84.68	-2.46	--	84.68	AV	302.00	150	Horizontal	N/A
4	5501.000	94.85	-2.46	--	-207.15	Peak	302.00	150	Horizontal	N/A
5**	7652.625	37.18	-3.00	54.0	-16.82	AV	1.00	150	Horizontal	Pass
5	7652.625	48.32	-3.00	74.0	-25.68	Peak	1.00	150	Horizontal	Pass
6**	11991.000	39.58	1.36	54.0	-14.42	AV	360.00	150	Horizontal	Pass
6	11991.000	51.18	1.36	74.0	-22.82	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1517.500	26.19	-17.14	54.0	-27.81	AV	1.00	150	Vertical	Pass
1	1517.500	37.35	-17.14	74.0	-36.65	Peak	1.00	150	Vertical	Pass
2**	2751.500	31.95	-10.51	54.0	-22.05	AV	82.00	150	Vertical	Pass
2	2751.500	42.44	-10.51	74.0	-31.56	Peak	82.00	150	Vertical	Pass
3**	3980.000	36.76	-4.29	54.0	-17.24	AV	0.00	150	Vertical	Pass
3	3980.000	47.13	-4.29	74.0	-26.87	Peak	0.00	150	Vertical	Pass
4**	5576.000	96.62	-2.30	--	96.62	AV	0.00	150	Vertical	N/A
4	5576.000	103.48	-2.30	--	103.48	Peak	0.00	150	Vertical	N/A
5**	7514.625	38.05	-2.00	54.0	-15.95	AV	360.00	150	Vertical	Pass
5	7514.625	47.83	-2.00	74.0	-26.17	Peak	360.00	150	Vertical	Pass
6**	12390.625	39.82	1.71	54.0	-14.18	AV	360.00	150	Vertical	Pass
6	12390.625	51.32	1.71	74.0	-22.68	Peak	360.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1525.000	26.40	-17.27	54.0	-27.60	AV	124.00	150	Horizontal	Pass
1	1525.000	36.63	-17.27	74.0	-37.37	Peak	124.00	150	Horizontal	Pass
2**	2778.500	32.06	-10.39	54.0	-21.94	AV	-1.00	150	Horizontal	Pass
2	2778.500	42.78	-10.39	74.0	-31.22	Peak	-1.00	150	Horizontal	Pass
3**	4828.000	39.39	-2.41	54.0	-14.61	AV	110.00	150	Horizontal	Pass
3	4828.000	49.52	-2.41	74.0	-24.48	Peak	110.00	150	Horizontal	Pass
4**	5575.000	84.56	-2.49	--	84.56	AV	283.00	150	Horizontal	N/A
4	5575.000	94.53	-2.49	--	-188.47	Peak	283.00	150	Horizontal	N/A
5**	8181.625	37.68	-1.68	54.0	-16.32	AV	47.00	150	Horizontal	Pass
5	8181.625	48.92	-1.68	74.0	-25.08	Peak	47.00	150	Horizontal	Pass
6**	12321.625	40.31	1.74	54.0	-13.69	AV	328.00	150	Horizontal	Pass
6	12321.625	51.29	1.74	74.0	-22.71	Peak	328.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1567.500	26.57	-17.40	54.0	-27.43	AV	196.00	150	Vertical	Pass
1	1567.500	37.16	-17.40	74.0	-36.84	Peak	196.00	150	Vertical	Pass
2**	2826.000	32.39	-9.84	54.0	-21.61	AV	148.00	150	Vertical	Pass
2	2826.000	42.28	-9.84	74.0	-31.72	Peak	148.00	150	Vertical	Pass
3**	4290.000	37.23	-4.48	54.0	-16.77	AV	262.00	150	Vertical	Pass
3	4290.000	47.96	-4.48	74.0	-26.04	Peak	262.00	150	Vertical	Pass
4**	5704.000	96.23	-1.87	--	96.23	AV	37.00	150	Vertical	N/A
4	5704.000	104.31	-1.87	--	67.31	Peak	37.00	150	Vertical	N/A
5**	7612.375	37.17	-2.41	54.0	-16.83	AV	259.00	150	Vertical	Pass
5	7612.375	48.17	-2.41	74.0	-25.83	Peak	259.00	150	Vertical	Pass
6**	11437.563	39.66	0.29	54.0	-14.34	AV	295.00	150	Vertical	Pass
6	11437.563	50.20	0.29	74.0	-23.80	Peak	295.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1358.500	26.11	-17.19	54.0	-27.89	AV	78.00	150	Horizontal	Pass
1	1358.500	37.26	-17.19	74.0	-36.74	Peak	78.00	150	Horizontal	Pass
2**	2784.000	31.61	-10.52	54.0	-22.39	AV	204.00	150	Horizontal	Pass
2	2784.000	42.83	-10.52	74.0	-31.17	Peak	204.00	150	Horizontal	Pass
3**	4110.000	36.33	-4.80	54.0	-17.67	AV	0.00	150	Horizontal	Pass
3	4110.000	47.16	-4.80	74.0	-26.84	Peak	0.00	150	Horizontal	Pass
4**	5698.000	88.29	-1.50	--	88.29	AV	294.00	150	Horizontal	N/A
4	5698.000	96.08	-1.50	--	-197.92	Peak	294.00	150	Horizontal	N/A
5**	8260.687	37.27	-1.60	54.0	-16.73	AV	205.00	150	Horizontal	Pass
5	8260.687	47.92	-1.60	74.0	-26.08	Peak	205.00	150	Horizontal	Pass
6**	12179.313	39.59	1.00	54.0	-14.41	AV	167.00	150	Horizontal	Pass
6	12179.313	50.87	1.00	74.0	-23.13	Peak	167.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac20 ANT V CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1525.000	26.15	-17.27	54.0	-27.85	AV	360.00	150	Vertical	Pass
1	1525.000	36.89	-17.27	74.0	-37.11	Peak	360.00	150	Vertical	Pass
2**	2796.500	31.47	-10.41	54.0	-22.53	AV	-1.00	150	Vertical	Pass
2	2796.500	42.46	-10.41	74.0	-31.54	Peak	-1.00	150	Vertical	Pass
3**	3882.000	36.06	-5.25	54.0	-17.94	AV	111.00	150	Vertical	Pass
3	3882.000	46.88	-5.25	74.0	-27.12	Peak	111.00	150	Vertical	Pass
4**	5724.000	96.13	-2.17	--	96.13	AV	316.00	150	Vertical	N/A
4	5724.000	103.93	-2.17	--	-212.07	Peak	316.00	150	Vertical	N/A
5**	7537.625	37.58	-1.81	54.0	-16.42	AV	0.00	150	Vertical	Pass
5	7537.625	47.80	-1.81	74.0	-26.20	Peak	0.00	150	Vertical	Pass
6**	10830.937	39.63	0.96	54.0	-14.37	AV	253.00	150	Vertical	Pass
6	10830.937	51.42	0.96	74.0	-22.58	Peak	253.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac20 ANT H CH144

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1384.500	26.19	-17.24	54.0	-27.81	AV	38.00	150	Horizontal	Pass
1	1384.500	37.39	-17.24	74.0	-36.61	Peak	38.00	150	Horizontal	Pass
2**	2776.500	31.51	-10.45	54.0	-22.49	AV	210.00	150	Horizontal	Pass
2	2776.500	42.82	-10.45	74.0	-31.18	Peak	210.00	150	Horizontal	Pass
3**	3987.000	37.32	-3.96	54.0	-16.68	AV	0.00	150	Horizontal	Pass
3	3987.000	46.95	-3.96	74.0	-27.05	Peak	0.00	150	Horizontal	Pass
4**	5721.000	85.61	-2.41	--	85.61	AV	285.00	150	Horizontal	N/A
4	5721.000	95.27	-2.41	--	-189.73	Peak	285.00	150	Horizontal	N/A
5**	7504.563	37.61	-2.35	54.0	-16.39	AV	301.00	150	Horizontal	Pass
5	7504.563	48.43	-2.35	74.0	-25.57	Peak	301.00	150	Horizontal	Pass
6**	12507.062	39.69	1.89	54.0	-14.31	AV	22.00	150	Horizontal	Pass
6	12507.062	51.73	1.89	74.0	-22.27	Peak	22.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1569.000	25.74	-17.56	54.0	-28.26	AV	289.00	150	Vertical	Pass
1	1569.000	36.52	-17.56	74.0	-37.48	Peak	289.00	150	Vertical	Pass
2**	2827.500	31.90	-9.92	54.0	-22.10	AV	228.00	150	Vertical	Pass
2	2827.500	42.51	-9.92	74.0	-31.49	Peak	228.00	150	Vertical	Pass
3**	3984.000	37.23	-4.24	54.0	-16.77	AV	298.00	150	Vertical	Pass
3	3984.000	47.34	-4.24	74.0	-26.66	Peak	298.00	150	Vertical	Pass
4**	5507.000	93.84	-2.43	--	93.84	AV	360.00	150	Vertical	N/A
4	5507.000	102.04	-2.43	--	-257.96	Peak	360.00	150	Vertical	N/A
5**	7536.187	37.38	-1.86	54.0	-16.62	AV	261.00	150	Vertical	Pass
5	7536.187	49.23	-1.86	74.0	-24.77	Peak	261.00	150	Vertical	Pass
6**	11306.750	39.03	0.70	54.0	-14.97	AV	68.00	150	Vertical	Pass
6	11306.750	49.98	0.70	74.0	-24.02	Peak	68.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1333.000	26.42	-17.23	54.0	-27.58	AV	264.00	150	Horizontal	Pass
1	1333.000	37.12	-17.23	74.0	-36.88	Peak	264.00	150	Horizontal	Pass
2**	2837.500	32.00	-9.94	54.0	-22.00	AV	243.00	150	Horizontal	Pass
2	2837.500	43.13	-9.94	74.0	-30.87	Peak	243.00	150	Horizontal	Pass
3**	4750.000	39.30	-2.84	54.0	-14.70	AV	100.00	150	Horizontal	Pass
3	4750.000	49.11	-2.84	74.0	-24.89	Peak	100.00	150	Horizontal	Pass
4**	5506.000	80.92	-2.45	--	80.92	AV	303.00	150	Horizontal	N/A
4	5506.000	91.67	-2.45	--	-211.33	Peak	303.00	150	Horizontal	N/A
5**	7534.750	37.89	-1.82	54.0	-16.11	AV	107.00	150	Horizontal	Pass
5	7534.750	48.54	-1.82	74.0	-25.46	Peak	107.00	150	Horizontal	Pass
6**	11864.500	39.58	1.57	54.0	-14.42	AV	21.00	150	Horizontal	Pass
6	11864.500	50.73	1.57	74.0	-23.27	Peak	21.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1472.500	26.47	-17.20	54.0	-27.53	AV	145.00	150	Vertical	Pass
1	1472.500	36.80	-17.20	74.0	-37.20	Peak	145.00	150	Vertical	Pass
2**	2756.000	31.25	-10.60	54.0	-22.75	AV	68.00	150	Vertical	Pass
2	2756.000	42.45	-10.60	74.0	-31.55	Peak	68.00	150	Vertical	Pass
3**	4117.000	36.36	-4.98	54.0	-17.64	AV	232.00	150	Vertical	Pass
3	4117.000	47.39	-4.98	74.0	-26.61	Peak	232.00	150	Vertical	Pass
4**	5595.000	93.87	-2.49	--	93.87	AV	302.00	150	Vertical	N/A
4	5595.000	102.57	-2.49	--	-199.43	Peak	302.00	150	Vertical	N/A
5**	7530.438	38.01	-1.78	54.0	-15.99	AV	360.00	150	Vertical	Pass
5	7530.438	48.29	-1.78	74.0	-25.71	Peak	360.00	150	Vertical	Pass
6**	11702.062	39.42	0.79	54.0	-14.58	AV	1.00	150	Vertical	Pass
6	11702.062	50.61	0.79	74.0	-23.39	Peak	1.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1340.000	26.36	-17.36	54.0	-27.64	AV	55.00	150	Horizontal	Pass
1	1340.000	37.08	-17.36	74.0	-36.92	Peak	55.00	150	Horizontal	Pass
2**	2770.500	31.35	-10.61	54.0	-22.65	AV	168.00	150	Horizontal	Pass
2	2770.500	42.51	-10.61	74.0	-31.49	Peak	168.00	150	Horizontal	Pass
3**	3991.000	36.91	-3.95	54.0	-17.09	AV	359.00	150	Horizontal	Pass
3	3991.000	47.51	-3.95	74.0	-26.49	Peak	359.00	150	Horizontal	Pass
4**	5602.000	83.18	-2.12	--	83.18	AV	285.00	150	Horizontal	N/A
4	5602.000	92.08	-2.12	--	-192.92	Peak	285.00	150	Horizontal	N/A
5**	7529.000	38.23	-1.88	54.0	-15.77	AV	113.00	150	Horizontal	Pass
5	7529.000	48.29	-1.88	74.0	-25.71	Peak	113.00	150	Horizontal	Pass
6**	12271.313	40.20	1.73	54.0	-13.80	AV	61.00	150	Horizontal	Pass
6	12271.313	50.79	1.73	74.0	-23.21	Peak	61.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1328.500	25.98	-17.31	54.0	-28.02	AV	351.00	150	Vertical	Pass
1	1328.500	36.97	-17.31	74.0	-37.03	Peak	351.00	150	Vertical	Pass
2**	2743.000	31.31	-10.95	54.0	-22.69	AV	295.00	150	Vertical	Pass
2	2743.000	42.36	-10.95	74.0	-31.64	Peak	295.00	150	Vertical	Pass
3**	4860.000	38.74	-2.64	54.0	-15.26	AV	160.00	150	Vertical	Pass
3	4860.000	50.62	-2.64	74.0	-23.38	Peak	160.00	150	Vertical	Pass
4**	5665.000	95.76	-2.40	--	95.76	AV	312.00	150	Vertical	N/A
4	5665.000	103.05	-2.40	--	-208.95	Peak	312.00	150	Vertical	N/A
5**	8351.250	37.89	-1.03	54.0	-16.11	AV	112.00	150	Vertical	Pass
5	8351.250	48.52	-1.03	74.0	-25.48	Peak	112.00	150	Vertical	Pass
6**	12387.750	39.88	1.69	54.0	-14.12	AV	280.00	150	Vertical	Pass
6	12387.750	50.87	1.69	74.0	-23.13	Peak	280.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1500.500	26.31	-17.50	54.0	-27.69	AV	41.00	150	Horizontal	Pass
1	1500.500	36.95	-17.50	74.0	-37.05	Peak	41.00	150	Horizontal	Pass
2**	2751.000	31.61	-10.53	54.0	-22.39	AV	297.00	150	Horizontal	Pass
2	2751.000	42.07	-10.53	74.0	-31.93	Peak	297.00	150	Horizontal	Pass
3**	3992.000	37.03	-3.84	54.0	-16.97	AV	361.00	150	Horizontal	Pass
3	3992.000	47.42	-3.84	74.0	-26.58	Peak	361.00	150	Horizontal	Pass
4**	5675.000	83.78	-2.00	--	83.78	AV	289.00	150	Horizontal	N/A
4	5675.000	92.97	-2.00	--	-196.03	Peak	289.00	150	Horizontal	N/A
5**	8357.000	37.71	-0.93	54.0	-16.29	AV	109.00	150	Horizontal	Pass
5	8357.000	48.44	-0.93	74.0	-25.56	Peak	109.00	150	Horizontal	Pass
6**	12272.750	39.77	1.79	54.0	-14.23	AV	220.00	150	Horizontal	Pass
6	12272.750	50.59	1.79	74.0	-23.41	Peak	220.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac40 ANT V CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1524.000	26.36	-17.42	54.0	-27.64	AV	137.00	150	Vertical	Pass
1	1524.000	37.50	-17.42	74.0	-36.50	Peak	137.00	150	Vertical	Pass
2**	2814.500	31.85	-9.99	54.0	-22.15	AV	122.00	150	Vertical	Pass
2	2814.500	42.52	-9.99	74.0	-31.48	Peak	122.00	150	Vertical	Pass
3**	4894.000	38.40	-3.15	54.0	-15.60	AV	323.00	150	Vertical	Pass
3	4894.000	51.15	-3.15	74.0	-22.85	Peak	323.00	150	Vertical	Pass
4**	5706.000	95.32	-2.07	--	95.32	AV	307.00	150	Vertical	N/A
4	5706.000	102.66	-2.07	--	-204.34	Peak	307.00	150	Vertical	N/A
5**	7503.125	37.54	-2.26	54.0	-16.46	AV	231.00	150	Vertical	Pass
5	7503.125	48.11	-2.26	74.0	-25.89	Peak	231.00	150	Vertical	Pass
6**	12337.438	39.68	1.92	54.0	-14.32	AV	146.00	150	Vertical	Pass
6	12337.438	51.28	1.92	74.0	-22.72	Peak	146.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac40 ANT H CH142

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1546.000	26.09	-17.25	54.0	-27.91	AV	262.00	150	Horizontal	Pass
1	1546.000	36.98	-17.25	74.0	-37.02	Peak	262.00	150	Horizontal	Pass
2**	2765.500	31.94	-10.26	54.0	-22.06	AV	60.00	150	Horizontal	Pass
2	2765.500	42.27	-10.26	74.0	-31.73	Peak	60.00	150	Horizontal	Pass
3**	3975.000	36.28	-4.74	54.0	-17.72	AV	201.00	150	Horizontal	Pass
3	3975.000	47.76	-4.74	74.0	-26.24	Peak	201.00	150	Horizontal	Pass
4**	5699.000	85.20	-1.53	--	85.20	AV	232.00	150	Horizontal	N/A
4	5699.000	93.68	-1.53	--	-138.32	Peak	232.00	150	Horizontal	N/A
5**	7521.812	37.23	-2.04	54.0	-16.77	AV	133.00	150	Horizontal	Pass
5	7521.812	47.91	-2.04	74.0	-26.09	Peak	133.00	150	Horizontal	Pass
6**	12377.687	39.16	1.59	54.0	-14.84	AV	46.00	150	Horizontal	Pass
6	12377.687	51.63	1.59	74.0	-22.37	Peak	46.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1385.000	25.85	-17.19	54.0	-28.15	AV	37.00	150	Vertical	Pass
1	1385.000	36.76	-17.19	74.0	-37.24	Peak	37.00	150	Vertical	Pass
2**	2766.500	31.41	-10.48	54.0	-22.59	AV	-1.00	150	Vertical	Pass
2	2766.500	42.46	-10.48	74.0	-31.54	Peak	-1.00	150	Vertical	Pass
3**	3997.000	36.65	-4.16	54.0	-17.35	AV	360.00	150	Vertical	Pass
3	3997.000	47.03	-4.16	74.0	-26.97	Peak	360.00	150	Vertical	Pass
4**	5538.000	93.02	-2.53	--	93.02	AV	304.00	150	Vertical	N/A
4	5538.000	101.00	-2.53	--	-203.00	Peak	304.00	150	Vertical	N/A
5**	8187.375	37.32	-2.16	54.0	-16.68	AV	-1.00	150	Vertical	Pass
5	8187.375	48.35	-2.16	74.0	-25.65	Peak	-1.00	150	Vertical	Pass
6**	12268.438	40.18	1.62	54.0	-13.82	AV	300.00	150	Vertical	Pass
6	12268.438	51.21	1.62	74.0	-22.79	Peak	300.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1381.500	26.16	-17.35	54.0	-27.84	AV	360.00	150	Horizontal	Pass
1	1381.500	36.83	-17.35	74.0	-37.17	Peak	360.00	150	Horizontal	Pass
2**	2789.500	31.70	-10.49	54.0	-22.30	AV	191.00	150	Horizontal	Pass
2	2789.500	42.36	-10.49	74.0	-31.64	Peak	191.00	150	Horizontal	Pass
3**	3986.000	37.29	-4.06	54.0	-16.71	AV	361.00	150	Horizontal	Pass
3	3986.000	47.92	-4.06	74.0	-26.08	Peak	361.00	150	Horizontal	Pass
4**	5533.000	81.12	-2.44	--	81.12	AV	303.00	150	Horizontal	N/A
4	5533.000	88.63	-2.44	--	-214.37	Peak	303.00	150	Horizontal	N/A
5**	7541.938	37.91	-1.40	54.0	-16.09	AV	1.00	150	Horizontal	Pass
5	7541.938	48.09	-1.40	74.0	-25.91	Peak	1.00	150	Horizontal	Pass
6**	12269.875	39.82	1.67	54.0	-14.18	AV	360.00	150	Horizontal	Pass
6	12269.875	51.24	1.67	74.0	-22.76	Peak	360.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1349.500	26.19	-17.26	54.0	-27.81	AV	323.00	150	Vertical	Pass
1	1349.500	36.68	-17.26	74.0	-37.32	Peak	323.00	150	Vertical	Pass
2**	2797.000	32.15	-10.38	54.0	-21.85	AV	104.00	150	Vertical	Pass
2	2797.000	43.05	-10.38	74.0	-30.95	Peak	104.00	150	Vertical	Pass
3**	4743.000	39.06	-2.88	54.0	-14.94	AV	38.00	150	Vertical	Pass
3	4743.000	49.39	-2.88	74.0	-24.61	Peak	38.00	150	Vertical	Pass
4**	5606.000	94.28	-2.45	--	94.28	AV	289.00	150	Vertical	N/A
4	5606.000	102.06	-2.45	--	-186.94	Peak	289.00	150	Vertical	N/A
5**	7448.500	36.94	-3.12	54.0	-17.06	AV	359.00	150	Vertical	Pass
5	7448.500	47.86	-3.12	74.0	-26.14	Peak	359.00	150	Vertical	Pass
6**	11896.125	40.48	2.20	54.0	-13.52	AV	298.00	150	Vertical	Pass
6	11896.125	50.90	2.20	74.0	-23.10	Peak	298.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1518.500	26.25	-17.23	54.0	-27.75	AV	40.00	150	Horizontal	Pass
1	1518.500	37.19	-17.23	74.0	-36.81	Peak	40.00	150	Horizontal	Pass
2**	2869.500	31.95	-10.30	54.0	-22.05	AV	40.00	150	Horizontal	Pass
2	2869.500	42.40	-10.30	74.0	-31.60	Peak	40.00	150	Horizontal	Pass
3**	4294.000	37.45	-4.24	54.0	-16.55	AV	158.00	150	Horizontal	Pass
3	4294.000	48.09	-4.24	74.0	-25.91	Peak	158.00	150	Horizontal	Pass
4**	5614.000	83.16	-2.16	--	83.16	AV	279.00	150	Horizontal	N/A
4	5614.000	91.25	-2.16	--	-187.75	Peak	279.00	150	Horizontal	N/A
5**	7546.250	37.75	-1.56	54.0	-16.25	AV	300.00	150	Horizontal	Pass
5	7546.250	48.66	-1.56	74.0	-25.34	Peak	300.00	150	Horizontal	Pass
6**	12055.687	39.98	1.37	54.0	-14.02	AV	171.00	150	Horizontal	Pass
6	12055.687	50.37	1.37	74.0	-23.63	Peak	171.00	150	Horizontal	Pass

## 1 GHz to 18 GHz, Band III 11ac80 ANT V CH138

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1351.500	27.26	-17.39	54.0	-26.74	AV	360.00	150	Vertical	Pass
1	1351.500	36.98	-17.39	74.0	-37.02	Peak	360.00	150	Vertical	Pass
2**	2272.000	30.55	-12.59	54.0	-23.45	AV	152.00	150	Vertical	Pass
2	2272.000	42.08	-12.59	74.0	-31.92	Peak	152.00	150	Vertical	Pass
3**	4878.000	46.26	-2.61	54.0	-7.74	AV	179.00	150	Vertical	Pass
3	4878.000	50.35	-2.61	74.0	-23.65	Peak	179.00	150	Vertical	Pass
4**	5686.000	94.13	-1.73	--	94.13	AV	200.00	150	Vertical	N/A
4	5686.000	101.75	-1.73	--	-98.25	Peak	200.00	150	Vertical	N/A
5**	7503.125	37.43	-2.26	54.0	-16.57	AV	7.00	150	Vertical	Pass
5	7503.125	48.96	-2.26	74.0	-25.04	Peak	7.00	150	Vertical	Pass
6**	12555.938	39.99	1.74	54.0	-14.01	AV	359.00	150	Vertical	Pass
6	12555.938	51.24	1.74	74.0	-22.76	Peak	359.00	150	Vertical	Pass

## 1 GHz to 18 GHz, Band III 11ac80 ANT H CH138

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1338.500	26.20	-17.20	54.0	-27.80	AV	54.00	150	Horizontal	Pass
1	1338.500	36.89	-17.20	74.0	-37.11	Peak	54.00	150	Horizontal	Pass
2**	2776.000	31.85	-10.45	54.0	-22.15	AV	110.00	150	Horizontal	Pass
2	2776.000	42.90	-10.45	74.0	-31.10	Peak	110.00	150	Horizontal	Pass
3**	4100.000	36.42	-5.44	54.0	-17.58	AV	13.00	150	Horizontal	Pass
3	4100.000	48.15	-5.44	74.0	-25.85	Peak	13.00	150	Horizontal	Pass
4**	5700.000	84.34	-1.63	--	84.34	AV	285.00	150	Horizontal	N/A
4	5700.000	92.84	-1.63	--	-192.16	Peak	285.00	150	Horizontal	N/A
5**	8395.812	37.74	-1.01	54.0	-16.26	AV	296.00	150	Horizontal	Pass
5	8395.812	48.86	-1.01	74.0	-25.14	Peak	296.00	150	Horizontal	Pass
6**	11952.187	39.17	1.42	54.0	-14.83	AV	57.00	150	Horizontal	Pass
6	11952.187	50.75	1.42	74.0	-23.25	Peak	57.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1352.500	26.59	-17.41	54.0	-27.41	AV	360.00	150	Vertical	Pass
1	1352.500	36.87	-17.41	74.0	-37.13	Peak	360.00	150	Vertical	Pass
2**	2852.000	32.19	-10.30	54.0	-21.81	AV	208.00	150	Vertical	Pass
2	2852.000	42.66	-10.30	74.0	-31.34	Peak	208.00	150	Vertical	Pass
3**	4925.000	46.22	-3.22	54.0	-7.78	AV	313.00	150	Vertical	Pass
3	4925.000	49.54	-3.22	74.0	-24.46	Peak	313.00	150	Vertical	Pass
4**	5747.000	96.52	-2.11	--	96.52	AV	347.00	150	Vertical	N/A
4	5747.000	104.00	-2.11	--	-243.00	Peak	347.00	150	Vertical	N/A
5**	7547.687	37.94	-1.43	54.0	-16.06	AV	59.00	150	Vertical	Pass
5	7547.687	47.71	-1.43	74.0	-26.29	Peak	59.00	150	Vertical	Pass
6**	11906.187	40.35	2.00	54.0	-13.65	AV	90.00	150	Vertical	Pass
6	11906.187	50.52	2.00	74.0	-23.48	Peak	90.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1482.500	26.62	-17.38	54.0	-27.38	AV	22.00	150	Horizontal	Pass
1	1482.500	37.30	-17.38	74.0	-36.70	Peak	22.00	150	Horizontal	Pass
2**	2774.500	31.67	-10.45	54.0	-22.33	AV	360.00	150	Horizontal	Pass
2	2774.500	42.84	-10.45	74.0	-31.16	Peak	360.00	150	Horizontal	Pass
3**	4748.000	38.63	-2.90	54.0	-15.37	AV	135.00	150	Horizontal	Pass
3	4748.000	49.71	-2.90	74.0	-24.29	Peak	135.00	150	Horizontal	Pass
4**	5741.000	86.12	-2.21	--	86.12	AV	238.00	150	Horizontal	N/A
4	5741.000	93.43	-2.21	--	-144.57	Peak	238.00	150	Horizontal	N/A
5**	7513.187	37.84	-2.23	54.0	-16.16	AV	139.00	150	Horizontal	Pass
5	7513.187	48.17	-2.23	74.0	-25.83	Peak	139.00	150	Horizontal	Pass
6**	12479.750	39.60	1.78	54.0	-14.40	AV	178.00	150	Horizontal	Pass
6	12479.750	50.82	1.78	74.0	-23.18	Peak	178.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1486.000	26.24	-17.56	54.0	-27.76	AV	17.00	150	Vertical	Pass
1	1486.000	37.01	-17.56	74.0	-36.99	Peak	17.00	150	Vertical	Pass
2**	2796.500	32.17	-10.41	54.0	-21.83	AV	191.00	150	Vertical	Pass
2	2796.500	42.59	-10.41	74.0	-31.41	Peak	191.00	150	Vertical	Pass
3**	4208.000	37.17	-4.41	54.0	-16.83	AV	215.00	150	Vertical	Pass
3	4208.000	47.68	-4.41	74.0	-26.32	Peak	215.00	150	Vertical	Pass
4**	5782.000	96.86	-2.02	--	96.86	AV	164.00	150	Vertical	N/A
4	5782.000	104.15	-2.02	--	-59.85	Peak	164.00	150	Vertical	N/A
5**	7484.438	37.84	-2.67	54.0	-16.16	AV	69.00	150	Vertical	Pass
5	7484.438	48.62	-2.67	74.0	-25.38	Peak	69.00	150	Vertical	Pass
6**	11712.125	40.24	1.14	54.0	-13.76	AV	276.00	150	Vertical	Pass
6	11712.125	50.63	1.14	74.0	-23.37	Peak	276.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1359.000	26.40	-17.24	54.0	-27.60	AV	129.00	150	Horizontal	Pass
1	1359.000	37.02	-17.24	74.0	-36.98	Peak	129.00	150	Horizontal	Pass
2**	2239.000	30.25	-12.91	54.0	-23.75	AV	254.00	150	Horizontal	Pass
2	2239.000	41.78	-12.91	74.0	-32.22	Peak	254.00	150	Horizontal	Pass
3**	3982.000	37.25	-4.27	54.0	-16.75	AV	216.00	150	Horizontal	Pass
3	3982.000	47.23	-4.27	74.0	-26.77	Peak	216.00	150	Horizontal	Pass
4**	5781.000	88.45	-1.89	--	88.45	AV	280.00	150	Horizontal	N/A
4	5781.000	95.72	-1.89	--	-184.28	Peak	280.00	150	Horizontal	N/A
5**	7418.313	37.72	-2.42	54.0	-16.28	AV	118.00	150	Horizontal	Pass
5	7418.313	48.34	-2.42	74.0	-25.66	Peak	118.00	150	Horizontal	Pass
6**	12320.187	40.10	1.72	54.0	-13.90	AV	145.00	150	Horizontal	Pass
6	12320.187	51.07	1.72	74.0	-22.93	Peak	145.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1584.000	25.96	-17.37	54.0	-28.04	AV	231.00	150	Vertical	Pass
1	1584.000	37.49	-17.37	74.0	-36.51	Peak	231.00	150	Vertical	Pass
2**	2780.500	31.97	-10.31	54.0	-22.03	AV	179.00	150	Vertical	Pass
2	2780.500	42.84	-10.31	74.0	-31.16	Peak	179.00	150	Vertical	Pass
3**	4994.000	47.02	-3.07	54.0	-6.98	AV	317.00	150	Vertical	Pass
3	4994.000	48.68	-3.07	74.0	-25.32	Peak	317.00	150	Vertical	Pass
4**	5827.000	96.41	-1.96	--	96.41	AV	298.00	150	Vertical	N/A
4	5827.000	104.27	-1.96	--	-193.73	Peak	298.00	150	Vertical	N/A
5**	7556.313	36.86	-2.13	54.0	-17.14	AV	350.00	150	Vertical	Pass
5	7556.313	48.31	-2.13	74.0	-25.69	Peak	350.00	150	Vertical	Pass
6**	12186.500	39.89	1.02	54.0	-14.11	AV	62.00	150	Vertical	Pass
6	12186.500	50.41	1.02	74.0	-23.59	Peak	62.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1512.000	26.08	-17.49	54.0	-27.92	AV	-1.00	150	Horizontal	Pass
1	1512.000	36.60	-17.49	74.0	-37.40	Peak	-1.00	150	Horizontal	Pass
2**	2814.000	31.79	-10.00	54.0	-22.21	AV	139.00	150	Horizontal	Pass
2	2814.000	42.73	-10.00	74.0	-31.27	Peak	139.00	150	Horizontal	Pass
3**	3990.000	37.32	-3.91	54.0	-16.68	AV	2.00	150	Horizontal	Pass
3	3990.000	48.02	-3.91	74.0	-25.98	Peak	2.00	150	Horizontal	Pass
4**	5828.000	85.88	-1.85	--	85.88	AV	111.00	150	Horizontal	N/A
4	5828.000	92.77	-1.85	--	-18.23	Peak	111.00	150	Horizontal	N/A
5**	8357.000	37.52	-0.93	54.0	-16.48	AV	360.00	150	Horizontal	Pass
5	8357.000	49.16	-0.93	74.0	-24.84	Peak	360.00	150	Horizontal	Pass
6**	11730.813	38.92	1.30	54.0	-15.08	AV	360.00	150	Horizontal	Pass
6	11730.813	50.57	1.30	74.0	-23.43	Peak	360.00	150	Horizontal	Pass



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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1548.000	26.58	-17.38	54.0	-27.42	AV	361.00	150	Vertical	Pass
1	1548.000	37.18	-17.38	74.0	-36.82	Peak	361.00	150	Vertical	Pass
2**	3987.000	37.65	-3.96	54.0	-16.35	AV	51.00	150	Vertical	Pass
2	3987.000	47.34	-3.96	74.0	-26.66	Peak	51.00	150	Vertical	Pass
3**	4934.000	47.14	-2.94	54.0	-6.86	AV	135.00	150	Vertical	Pass
3	4934.000	48.83	-2.94	74.0	-25.17	Peak	135.00	150	Vertical	Pass
4**	5745.000	92.66	-2.34	--	92.66	AV	188.00	150	Vertical	N/A
4	5745.000	100.15	-2.34	--	-87.85	Peak	188.00	150	Vertical	N/A
5**	7432.688	38.03	-2.67	54.0	-15.97	AV	111.00	150	Vertical	Pass
5	7432.688	48.54	-2.67	74.0	-25.46	Peak	111.00	150	Vertical	Pass
6**	12489.813	40.43	1.90	54.0	-13.57	AV	203.00	150	Vertical	Pass
6	12489.813	51.12	1.90	74.0	-22.88	Peak	203.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1532.500	26.55	-17.59	54.0	-27.45	AV	215.00	150	Horizontal	Pass
1	1532.500	36.99	-17.59	74.0	-37.01	Peak	215.00	150	Horizontal	Pass
2**	2825.000	32.11	-9.81	54.0	-21.89	AV	318.00	150	Horizontal	Pass
2	2825.000	43.62	-9.81	74.0	-30.38	Peak	318.00	150	Horizontal	Pass
3**	4707.000	38.59	-3.43	54.0	-15.41	AV	273.00	150	Horizontal	Pass
3	4707.000	49.48	-3.43	74.0	-24.52	Peak	273.00	150	Horizontal	Pass
4**	5745.000	78.96	-2.34	--	78.96	AV	246.00	150	Horizontal	N/A
4	5745.000	86.40	-2.34	--	-159.60	Peak	246.00	150	Horizontal	N/A
5**	7516.063	38.22	-1.97	54.0	-15.78	AV	0.00	150	Horizontal	Pass
5	7516.063	48.14	-1.97	74.0	-25.86	Peak	0.00	150	Horizontal	Pass
6**	11499.375	39.72	0.29	54.0	-14.28	AV	354.00	150	Horizontal	Pass
6	11499.375	50.81	0.29	74.0	-23.19	Peak	354.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1505.000	25.89	-17.57	54.0	-28.11	AV	76.00	150	Vertical	Pass
1	1505.000	37.60	-17.57	74.0	-36.40	Peak	76.00	150	Vertical	Pass
2**	3878.000	36.16	-5.62	54.0	-17.84	AV	39.00	150	Vertical	Pass
2	3878.000	46.78	-5.62	74.0	-27.22	Peak	39.00	150	Vertical	Pass
3**	4968.000	46.74	-2.77	54.0	-7.26	AV	299.00	150	Vertical	Pass
3	4968.000	49.40	-2.77	74.0	-24.60	Peak	299.00	150	Vertical	Pass
4**	5797.000	92.86	-1.94	--	92.86	AV	346.00	150	Vertical	N/A
4	5797.000	101.10	-1.94	--	-244.90	Peak	346.00	150	Vertical	N/A
5**	7506.000	37.43	-2.44	54.0	-16.57	AV	360.00	150	Vertical	Pass
5	7506.000	48.30	-2.44	74.0	-25.70	Peak	360.00	150	Vertical	Pass
6**	12277.063	40.93	1.97	54.0	-13.07	AV	127.00	150	Vertical	Pass
6	12277.063	50.87	1.97	74.0	-23.13	Peak	127.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1320.500	25.94	-17.18	54.0	-28.06	AV	308.00	150	Horizontal	Pass
1	1320.500	37.16	-17.18	74.0	-36.84	Peak	308.00	150	Horizontal	Pass
2**	2849.000	32.27	-10.40	54.0	-21.73	AV	356.00	150	Horizontal	Pass
2	2849.000	42.59	-10.40	74.0	-31.41	Peak	356.00	150	Horizontal	Pass
3**	4742.000	38.57	-2.92	54.0	-15.43	AV	22.00	150	Horizontal	Pass
3	4742.000	49.35	-2.92	74.0	-24.65	Peak	22.00	150	Horizontal	Pass
4**	5792.000	78.95	-1.96	--	78.95	AV	277.00	150	Horizontal	N/A
4	5792.000	87.81	-1.96	--	-189.19	Peak	277.00	150	Horizontal	N/A
5**	7487.312	38.08	-2.71	54.0	-15.92	AV	217.00	150	Horizontal	Pass
5	7487.312	48.24	-2.71	74.0	-25.76	Peak	217.00	150	Horizontal	Pass
6**	11736.563	39.59	1.23	54.0	-14.41	AV	233.00	150	Horizontal	Pass
6	11736.563	50.59	1.23	74.0	-23.41	Peak	233.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1588.000	26.12	-17.46	54.0	-27.88	AV	70.00	150	Vertical	Pass
1	1588.000	36.75	-17.46	74.0	-37.25	Peak	70.00	150	Vertical	Pass
2**	3986.000	36.64	-4.06	54.0	-17.36	AV	240.00	150	Vertical	Pass
2	3986.000	48.20	-4.06	74.0	-25.80	Peak	240.00	150	Vertical	Pass
3**	4924.000	39.69	-3.41	54.0	-14.31	AV	305.00	150	Vertical	Pass
3	4924.000	51.47	-3.41	74.0	-22.53	Peak	305.00	150	Vertical	Pass
4**	5741.000	96.23	-2.21	--	96.23	AV	30.00	150	Vertical	N/A
4	5741.000	104.87	-2.21	--	74.87	Peak	30.00	150	Vertical	N/A
5**	7504.563	37.24	-2.35	54.0	-16.76	AV	71.00	150	Vertical	Pass
5	7504.563	48.16	-2.35	74.0	-25.84	Peak	71.00	150	Vertical	Pass
6**	11600.000	39.18	0.38	54.0	-14.82	AV	185.00	150	Vertical	Pass
6	11600.000	50.14	0.38	74.0	-23.86	Peak	185.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1497.500	25.94	-17.43	54.0	-28.06	AV	50.00	150	Horizontal	Pass
1	1497.500	37.11	-17.43	74.0	-36.89	Peak	50.00	150	Horizontal	Pass
2**	3672.000	36.75	-5.02	54.0	-17.25	AV	0.00	150	Horizontal	Pass
2	3672.000	46.41	-5.02	74.0	-27.59	Peak	0.00	150	Horizontal	Pass
3**	4835.000	39.17	-2.55	54.0	-14.83	AV	322.00	150	Horizontal	Pass
3	4835.000	49.57	-2.55	74.0	-24.43	Peak	322.00	150	Horizontal	Pass
4**	5748.000	87.20	-2.18	--	87.20	AV	290.00	150	Horizontal	N/A
4	5748.000	95.12	-2.18	--	-194.88	Peak	290.00	150	Horizontal	N/A
5**	11601.438	39.13	0.40	54.0	-14.87	AV	167.00	150	Horizontal	Pass
5	11601.438	50.35	0.40	74.0	-23.65	Peak	167.00	150	Horizontal	Pass
6**	15743.813	42.73	1.87	54.0	-11.27	AV	335.00	150	Horizontal	Pass
6	15743.813	54.19	1.87	74.0	-19.81	Peak	335.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1561.000	25.68	-17.54	54.0	-28.32	AV	23.00	150	Vertical	Pass
1	1561.000	36.38	-17.54	74.0	-37.62	Peak	23.00	150	Vertical	Pass
2**	3672.000	37.02	-5.02	54.0	-16.98	AV	48.00	150	Vertical	Pass
2	3672.000	46.53	-5.02	74.0	-27.47	Peak	48.00	150	Vertical	Pass
3**	4959.000	47.16	-2.61	54.0	-6.84	AV	304.00	150	Vertical	Pass
3	4959.000	53.78	-2.61	74.0	-20.22	Peak	304.00	150	Vertical	Pass
4**	5787.000	95.61	-2.05	--	95.61	AV	284.00	150	Vertical	N/A
4	5787.000	104.10	-2.05	--	-179.90	Peak	284.00	150	Vertical	N/A
5**	7549.125	37.50	-1.58	54.0	-16.50	AV	23.00	150	Vertical	Pass
5	7549.125	48.37	-1.58	74.0	-25.63	Peak	23.00	150	Vertical	Pass
6**	12353.250	39.80	1.70	54.0	-14.20	AV	48.00	150	Vertical	Pass
6	12353.250	51.09	1.70	74.0	-22.91	Peak	48.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1533.000	26.17	-17.58	54.0	-27.83	AV	360.00	150	Horizontal	Pass
1	1533.000	37.45	-17.58	74.0	-36.55	Peak	360.00	150	Horizontal	Pass
2**	2792.500	31.78	-10.49	54.0	-22.22	AV	5.00	150	Horizontal	Pass
2	2792.500	42.82	-10.49	74.0	-31.18	Peak	5.00	150	Horizontal	Pass
3**	3667.000	36.30	-5.50	54.0	-17.70	AV	247.00	150	Horizontal	Pass
3	3667.000	47.08	-5.50	74.0	-26.92	Peak	247.00	150	Horizontal	Pass
4**	5784.000	86.50	-2.13	--	86.50	AV	279.00	150	Horizontal	N/A
4	5784.000	93.99	-2.13	--	-185.01	Peak	279.00	150	Horizontal	N/A
5**	7501.687	37.49	-2.40	54.0	-16.51	AV	339.00	150	Horizontal	Pass
5	7501.687	47.67	-2.40	74.0	-26.33	Peak	339.00	150	Horizontal	Pass
6**	11899.000	39.64	2.24	54.0	-14.36	AV	136.00	150	Horizontal	Pass
6	11899.000	50.58	2.24	74.0	-23.42	Peak	136.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1532.500	25.98	-17.59	54.0	-28.02	AV	39.00	150	Vertical	Pass
1	1532.500	36.56	-17.59	74.0	-37.44	Peak	39.00	150	Vertical	Pass
2**	3991.000	37.12	-3.95	54.0	-16.88	AV	186.00	150	Vertical	Pass
2	3991.000	46.73	-3.95	74.0	-27.27	Peak	186.00	150	Vertical	Pass
3**	4994.000	47.12	-3.07	54.0	-6.88	AV	138.00	150	Vertical	Pass
3	4994.000	49.37	-3.07	74.0	-24.63	Peak	138.00	150	Vertical	Pass
4**	5821.000	95.23	-2.01	--	95.23	AV	173.00	150	Vertical	N/A
4	5821.000	104.77	-2.01	--	-68.23	Peak	173.00	150	Vertical	N/A
5**	7422.625	37.02	-2.51	54.0	-16.98	AV	7.00	150	Vertical	Pass
5	7422.625	49.17	-2.51	74.0	-24.83	Peak	7.00	150	Vertical	Pass
6**	11904.750	39.88	2.05	54.0	-14.12	AV	357.00	150	Vertical	Pass
6	11904.750	50.86	2.05	74.0	-23.14	Peak	357.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1566.500	26.60	-17.26	54.0	-27.40	AV	159.00	150	Horizontal	Pass
1	1566.500	36.90	-17.26	74.0	-37.10	Peak	159.00	150	Horizontal	Pass
2**	3671.000	36.35	-5.35	54.0	-17.65	AV	221.00	150	Horizontal	Pass
2	3671.000	46.39	-5.35	74.0	-27.61	Peak	221.00	150	Horizontal	Pass
3**	4838.000	38.76	-2.64	54.0	-15.24	AV	115.00	150	Horizontal	Pass
3	4838.000	49.68	-2.64	74.0	-24.32	Peak	115.00	150	Horizontal	Pass
4**	5820.000	84.36	-1.98	--	84.36	AV	274.00	150	Horizontal	N/A
4	5820.000	94.39	-1.98	--	-179.61	Peak	274.00	150	Horizontal	N/A
5**	7549.125	37.48	-1.58	54.0	-16.52	AV	330.00	150	Horizontal	Pass
5	7549.125	48.59	-1.58	74.0	-25.41	Peak	330.00	150	Horizontal	Pass
6**	15847.500	42.75	1.91	54.0	-11.25	AV	0.00	150	Horizontal	Pass
6	15847.500	54.56	1.91	74.0	-19.44	Peak	0.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1591.500	26.34	-17.10	54.0	-27.66	AV	313.00	150	Vertical	Pass
1	1591.500	37.11	-17.10	74.0	-36.89	Peak	313.00	150	Vertical	Pass
2**	2765.000	32.25	-10.15	54.0	-21.75	AV	288.00	150	Vertical	Pass
2	2765.000	44.10	-10.15	74.0	-29.90	Peak	288.00	150	Vertical	Pass
3**	4934.000	47.86	-2.94	54.0	-6.14	AV	89.00	150	Vertical	Pass
3	4934.000	48.05	-2.94	74.0	-25.95	Peak	89.00	150	Vertical	Pass
4**	5758.000	90.64	-2.41	--	90.64	AV	293.00	150	Vertical	N/A
4	5758.000	99.41	-2.41	--	-193.59	Peak	293.00	150	Vertical	N/A
5**	7605.188	37.30	-2.48	54.0	-16.70	AV	359.00	150	Vertical	Pass
5	7605.188	48.50	-2.48	74.0	-25.50	Peak	359.00	150	Vertical	Pass
6**	11206.125	39.20	0.03	54.0	-14.80	AV	179.00	150	Vertical	Pass
6	11206.125	50.69	0.03	74.0	-23.31	Peak	179.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1371.000	26.29	-17.08	54.0	-27.71	AV	328.00	150	Horizontal	Pass
1	1371.000	37.61	-17.08	74.0	-36.39	Peak	328.00	150	Horizontal	Pass
2**	2720.000	31.97	-10.79	54.0	-22.03	AV	0.00	150	Horizontal	Pass
2	2720.000	42.78	-10.79	74.0	-31.22	Peak	0.00	150	Horizontal	Pass
3**	3986.000	37.20	-4.06	54.0	-16.80	AV	-1.00	150	Horizontal	Pass
3	3986.000	47.47	-4.06	74.0	-26.53	Peak	-1.00	150	Horizontal	Pass
4**	5747.000	79.12	-2.11	--	79.12	AV	289.00	150	Horizontal	N/A
4	5747.000	86.87	-2.11	--	-202.13	Peak	289.00	150	Horizontal	N/A
5**	7503.125	37.97	-2.26	54.0	-16.03	AV	0.00	150	Horizontal	Pass
5	7503.125	48.04	-2.26	74.0	-25.96	Peak	0.00	150	Horizontal	Pass
6**	11947.875	39.87	1.57	54.0	-14.13	AV	77.00	150	Horizontal	Pass
6	11947.875	50.92	1.57	74.0	-23.08	Peak	77.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1351.500	26.65	-17.39	54.0	-27.35	AV	276.00	150	Vertical	Pass
1	1351.500	36.89	-17.39	74.0	-37.11	Peak	276.00	150	Vertical	Pass
2**	2243.000	30.04	-12.92	54.0	-23.96	AV	346.00	150	Vertical	Pass
2	2243.000	41.07	-12.92	74.0	-32.93	Peak	346.00	150	Vertical	Pass
3**	4968.000	47.92	-2.77	54.0	-6.08	AV	135.00	150	Vertical	Pass
3	4968.000	50.58	-2.77	74.0	-23.42	Peak	135.00	150	Vertical	Pass
4**	5788.000	91.53	-1.98	--	91.53	AV	339.00	150	Vertical	N/A
4	5788.000	100.75	-1.98	--	-238.25	Peak	339.00	150	Vertical	N/A
5**	7503.125	38.27	-2.26	54.0	-15.73	AV	166.00	150	Vertical	Pass
5	7503.125	48.38	-2.26	74.0	-25.62	Peak	166.00	150	Vertical	Pass
6**	12511.375	40.09	1.79	54.0	-13.91	AV	359.00	150	Vertical	Pass
6	12511.375	51.67	1.79	74.0	-22.33	Peak	359.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1331.000	26.26	-17.19	54.0	-27.74	AV	56.00	150	Horizontal	Pass
1	1331.000	37.21	-17.19	74.0	-36.79	Peak	56.00	150	Horizontal	Pass
2**	2788.500	32.44	-10.45	54.0	-21.56	AV	19.00	150	Horizontal	Pass
2	2788.500	42.55	-10.45	74.0	-31.45	Peak	19.00	150	Horizontal	Pass
3**	4796.000	38.61	-2.65	54.0	-15.39	AV	88.00	150	Horizontal	Pass
3	4796.000	49.59	-2.65	74.0	-24.41	Peak	88.00	150	Horizontal	Pass
4**	5789.000	80.28	-1.95	--	80.28	AV	102.00	150	Horizontal	N/A
4	5789.000	87.33	-1.95	--	-14.67	Peak	102.00	150	Horizontal	N/A
5**	7559.187	37.56	-2.42	54.0	-16.44	AV	148.00	150	Horizontal	Pass
5	7559.187	48.24	-2.42	74.0	-25.76	Peak	148.00	150	Horizontal	Pass
6**	12292.875	40.11	1.94	54.0	-13.89	AV	107.00	150	Horizontal	Pass
6	12292.875	50.61	1.94	74.0	-23.39	Peak	107.00	150	Horizontal	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1360.500	26.39	-17.37	54.0	-27.61	AV	176.00	150	Vertical	Pass
1	1360.500	37.22	-17.37	74.0	-36.78	Peak	176.00	150	Vertical	Pass
2**	2760.500	31.67	-10.85	54.0	-22.33	AV	42.00	150	Vertical	Pass
2	2760.500	43.06	-10.85	74.0	-30.94	Peak	42.00	150	Vertical	Pass
3**	4951.000	47.82	-2.65	54.0	-6.18	AV	360.00	150	Vertical	Pass
3	4951.000	47.54	-2.65	74.0	-26.46	Peak	360.00	150	Vertical	Pass
4**	5768.000	86.82	-2.13	--	86.82	AV	344.00	150	Vertical	N/A
4	5768.000	96.88	-2.13	--	-247.12	Peak	344.00	150	Vertical	N/A
5**	8226.187	38.21	-1.35	54.0	-15.79	AV	26.00	150	Vertical	Pass
5	8226.187	48.59	-1.35	74.0	-25.41	Peak	26.00	150	Vertical	Pass
6**	12432.312	40.19	1.80	54.0	-13.81	AV	125.00	150	Vertical	Pass
6	12432.312	51.00	1.80	74.0	-23.00	Peak	125.00	150	Vertical	Pass

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

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	Verdict
1**	1505.500	26.14	-17.57	54.0	-27.86	AV	176.00	150	Horizontal	Pass
1	1505.500	36.73	-17.57	74.0	-37.27	Peak	176.00	150	Horizontal	Pass
2**	2795.000	31.61	-10.86	54.0	-22.39	AV	0.00	150	Horizontal	Pass
2	2795.000	42.42	-10.86	74.0	-31.58	Peak	0.00	150	Horizontal	Pass
3**	3980.000	37.57	-4.29	54.0	-16.43	AV	63.00	150	Horizontal	Pass
3	3980.000	47.64	-4.29	74.0	-26.36	Peak	63.00	150	Horizontal	Pass
4**	5765.000	75.83	-1.99	--	75.83	AV	63.00	150	Horizontal	N/A
4	5765.000	84.58	-1.99	--	21.58	Peak	63.00	150	Horizontal	N/A
5**	7546.250	38.20	-1.56	54.0	-15.80	AV	249.00	150	Horizontal	Pass
5	7546.250	47.75	-1.56	74.0	-26.25	Peak	249.00	150	Horizontal	Pass
6**	11664.687	39.96	0.53	54.0	-14.04	AV	361.00	150	Horizontal	Pass
6	11664.687	50.38	0.53	74.0	-23.62	Peak	361.00	150	Horizontal	Pass



## A.6.2 Band Edge (Restricted-band)

### ANTA

Test Band	Mode	Channel	Verdict
Band I	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	
Band II	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	
Band III	802.11a	Low	Pass
		High	Pass
		CH144	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
		CH144	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
		CH142	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
		CH144	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
CH142		Pass	
802.11ac(VHT80)	Low	Pass	
	High	Pass	
Band IV	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass

	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	

**ANT B**

Test Band	Mode	Channel	Verdict
Band I	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	Band II	802.11a	Low
High			Pass
802.11n(HT20)		Low	Pass
		High	Pass
802.11n(HT40)		Low	Pass
		High	Pass
802.11ac(VHT20)		Low	Pass
		High	Pass
802.11ac(VHT40)		Low	Pass
		High	Pass
802.11ac(VHT80)		Middle	Pass
Band III		802.11a	Low
	High		Pass
	CH144		Pass
	802.11n(HT20)	Low	Pass
		High	Pass
		CH144	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
		CH142	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
		CH144	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
		CH142	Pass

	802.11ac(VHT80)	Low	Pass
		High	Pass
Band IV	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
802.11ac(VHT80)	Middle	Pass	

**MIMO-ANT A+B**

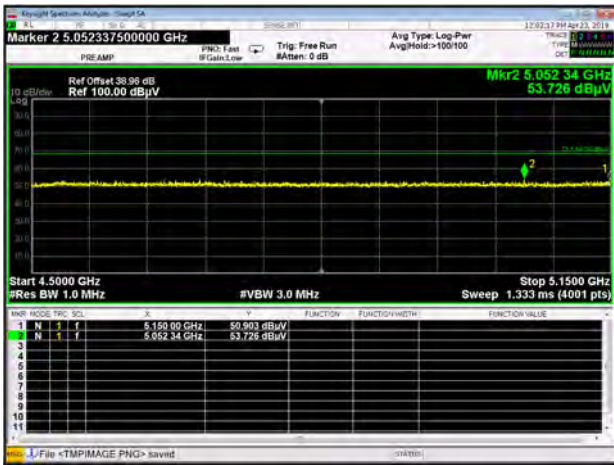
Test Band	Mode	Channel	Verdict
Band I	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	Band II	802.11n(HT20)	Low
High			Pass
802.11n(HT40)		Low	Pass
		High	Pass
802.11ac(VHT20)		Low	Pass
		High	Pass
802.11ac(VHT40)		Low	Pass
		High	Pass
802.11ac(VHT80)		Middle	Pass
Band III		802.11n(HT20)	Low
	High		Pass
	CH144		Pass
	802.11n(HT40)	Low	Pass
		High	Pass
		CH142	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
		CH144	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
		CH142	Pass
	802.11ac(VHT80)	Low	Pass

		High	Pass
Band IV	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

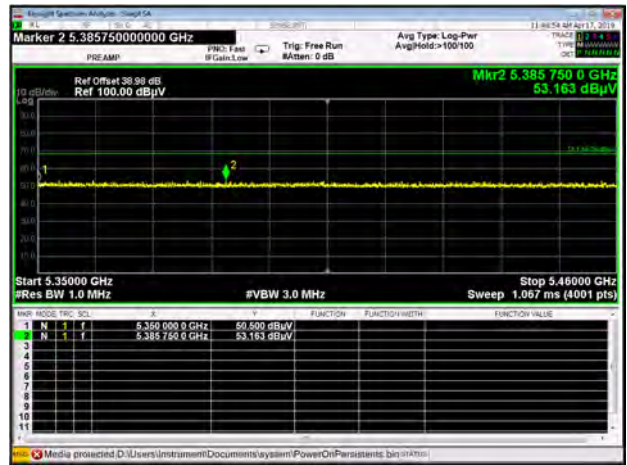
Test Plots

ANT A

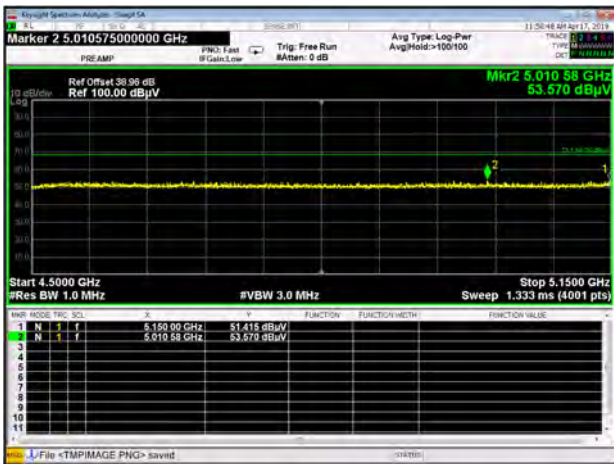
Band I 11a CH36 Peak



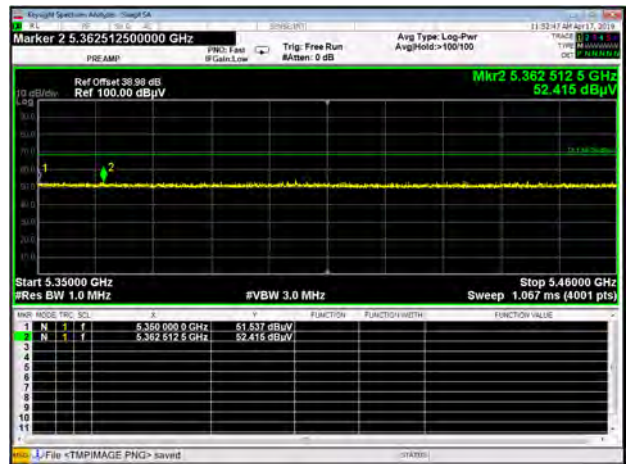
Band I 11a CH48 Peak



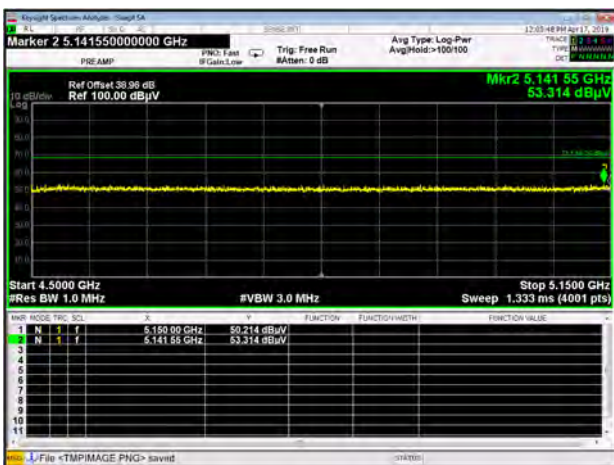
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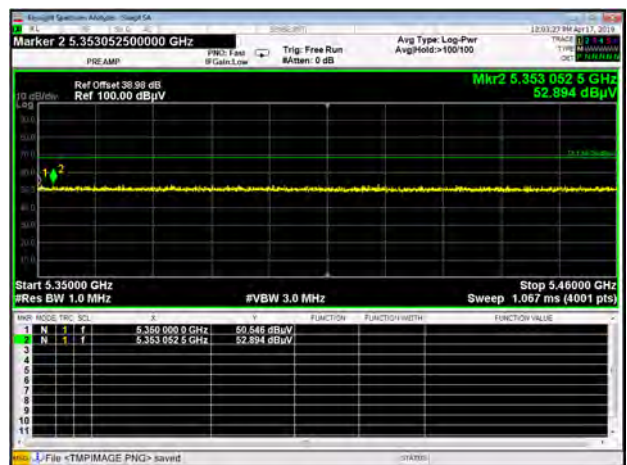
Band I 11n20 CH48 Peak



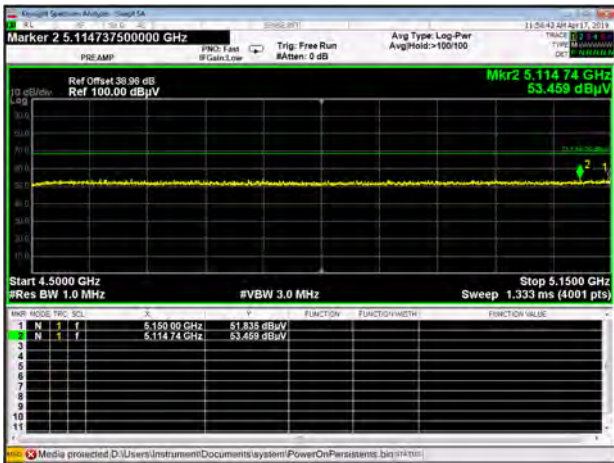
Band I 11n40 CH38 Peak



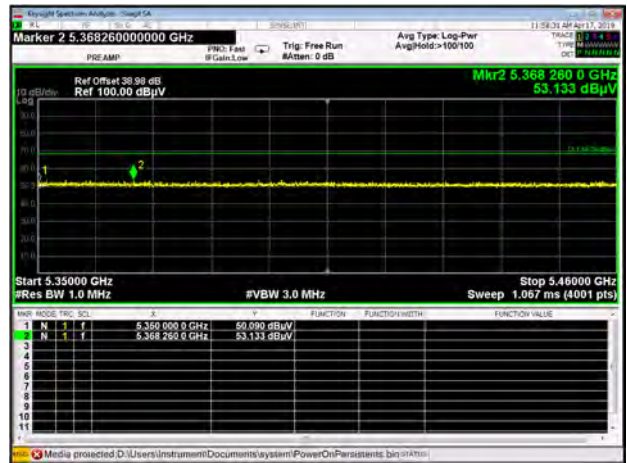
Band I 11n40 CH46 Peak



Band I 11ac20 CH36 Peak



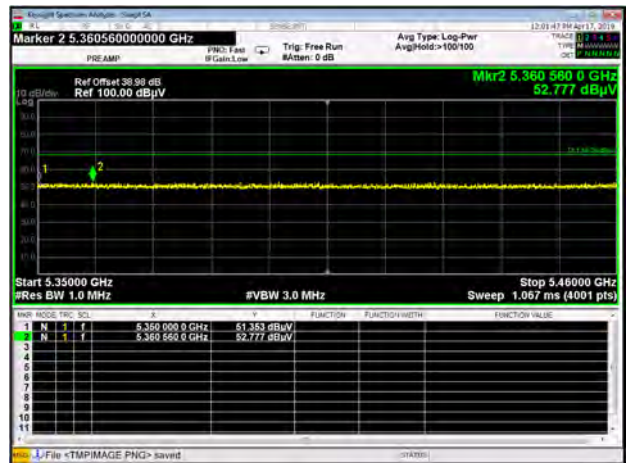
Band I 11ac20 CH48 Peak



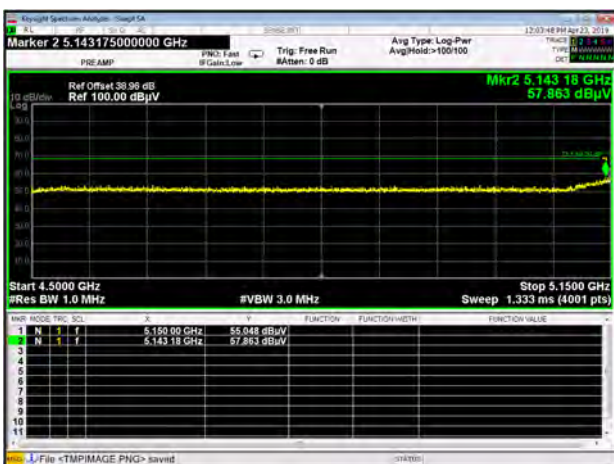
Band I 11ac40 CH38 Peak



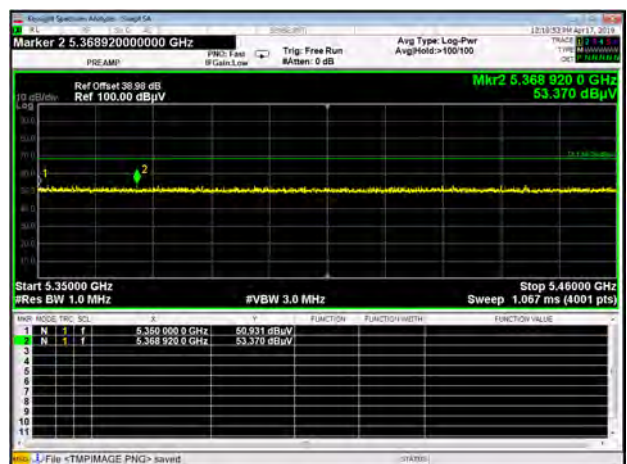
Band I 11ac40 CH46 Peak



Band I 11ac80 CH42 Peak



Band I 11ac80 CH42 Peak



Band I 11ac80 CH42 AV



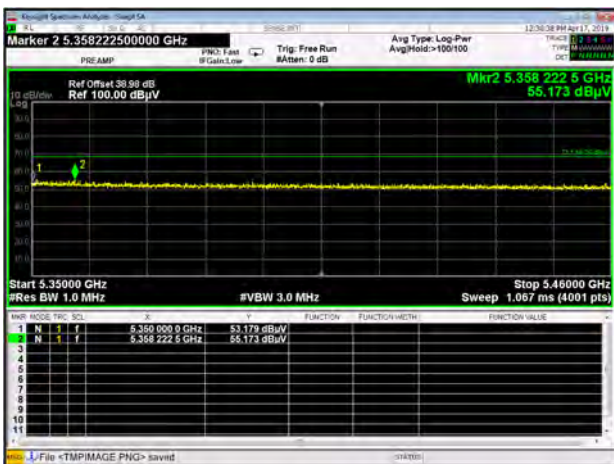
Band I 11ac80 CH42 V



Band II 11a CH52 Peak



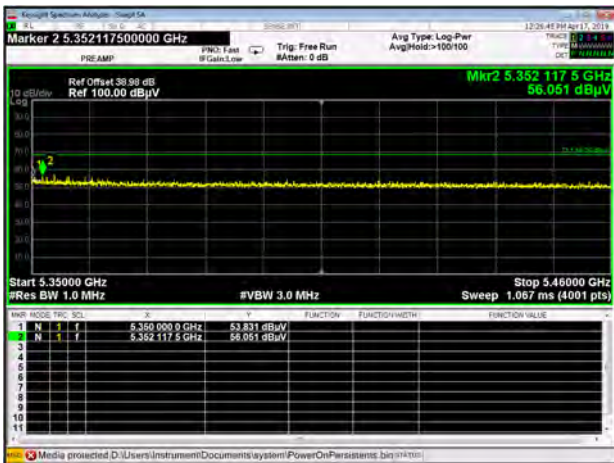
Band II 11a CH64 AV



Band II 11n20 CH52 Peak



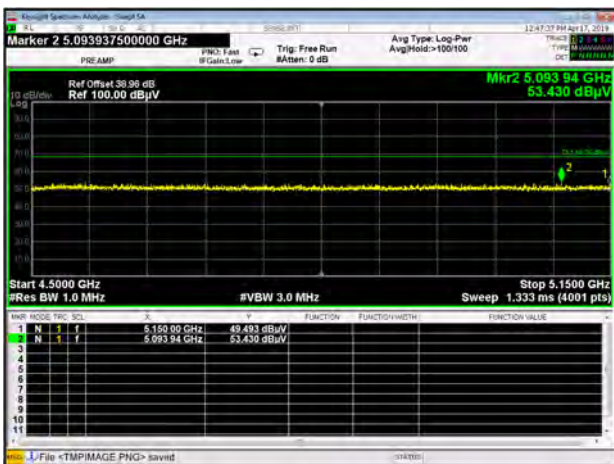
Band II 11n20 CH64 Peak



Band II 11n20 CH64 AV

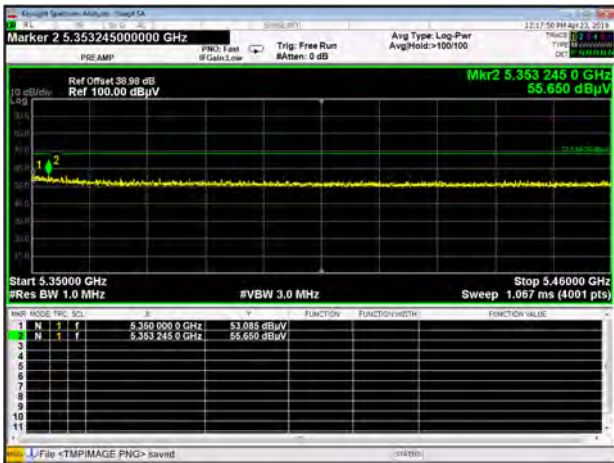


Band II 11n40 CH54 Peak

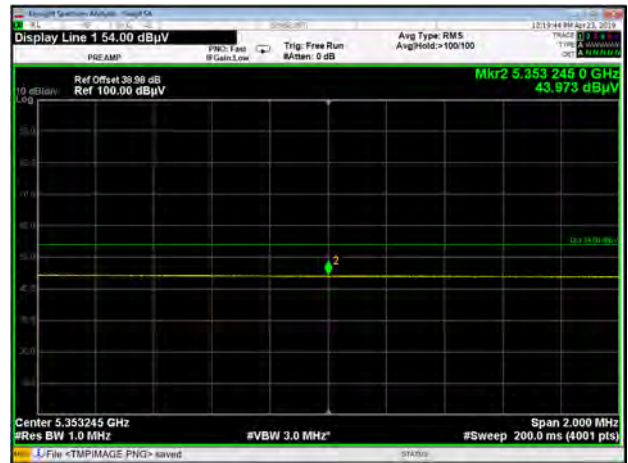




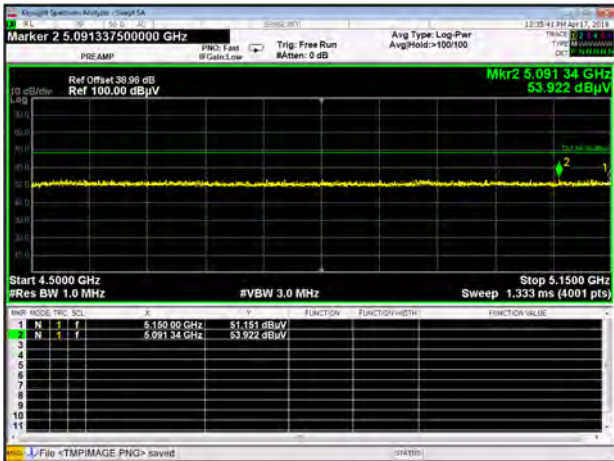
Band II 11n40 CH62 Peak



Band II 11n40 CH62 AV



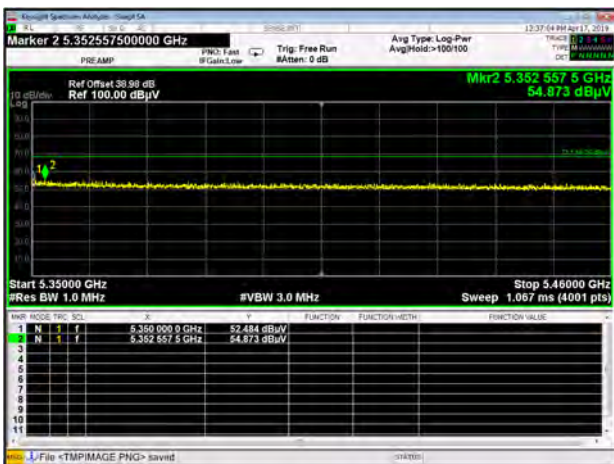
Band II 11ac20 CH52 Peak



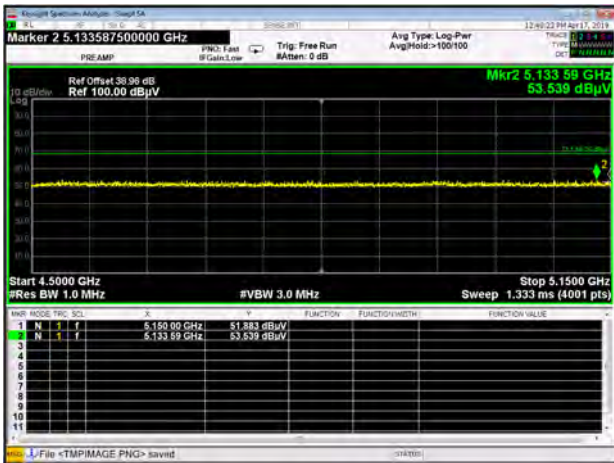
Band II 11ac20 CH64 AV



Band II 11ac20 CH64 Peak



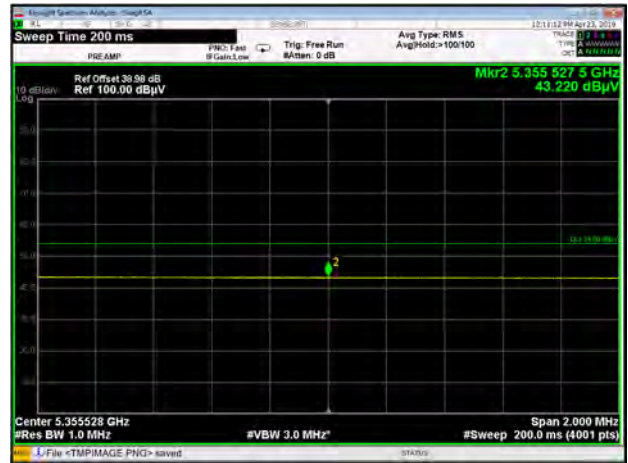
Band II 11ac40 CH54 Peak



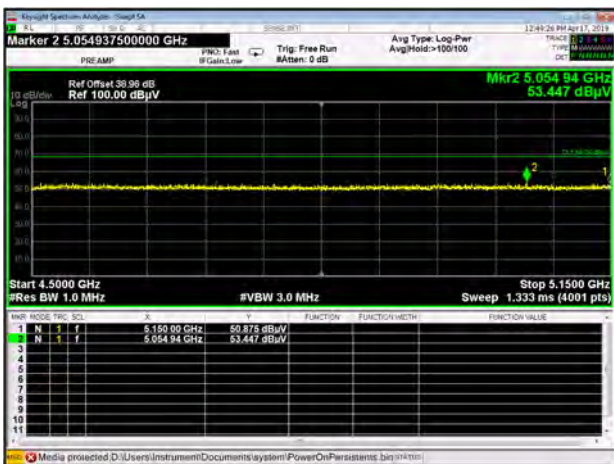
Band II 11ac40 CH62 Peak



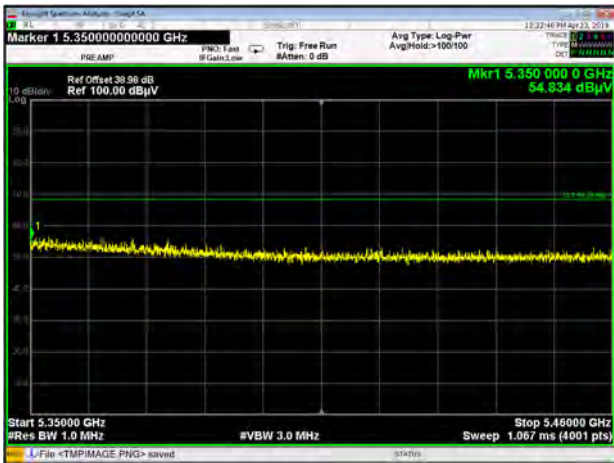
Band II 11ac40 CH62 AV



Band II 11ac80 CH58 Peak



Band II 11ac80 CH58 Peak



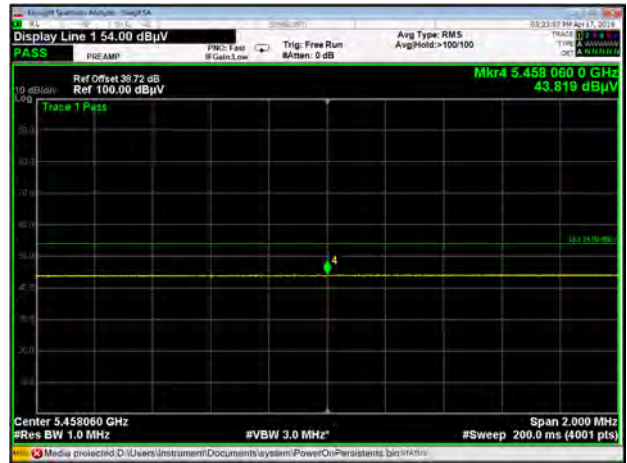
Band II 11ac80 CH58 AV



Band III 11a CH100 Peak



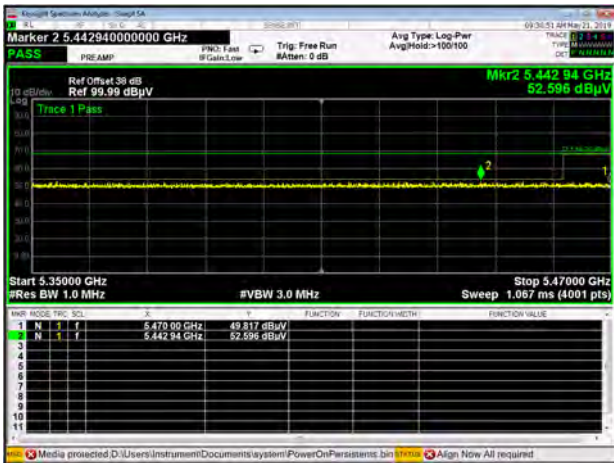
Band III 11a CH100 AV



Band III 11a CH140 Peak



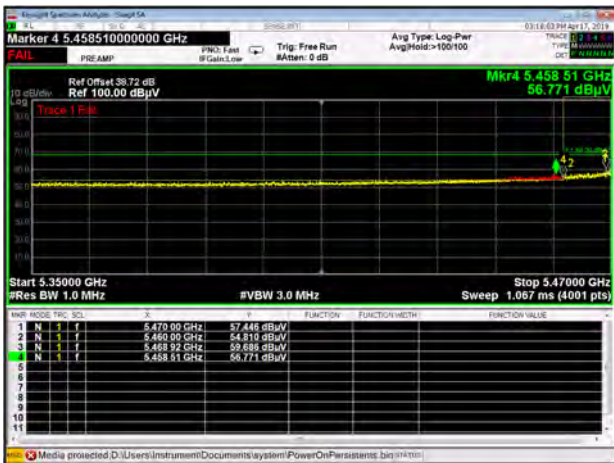
Band III 11a CH144 Peak



Band III 11a CH144 Peak



Band III 11n20 CH100 Peak



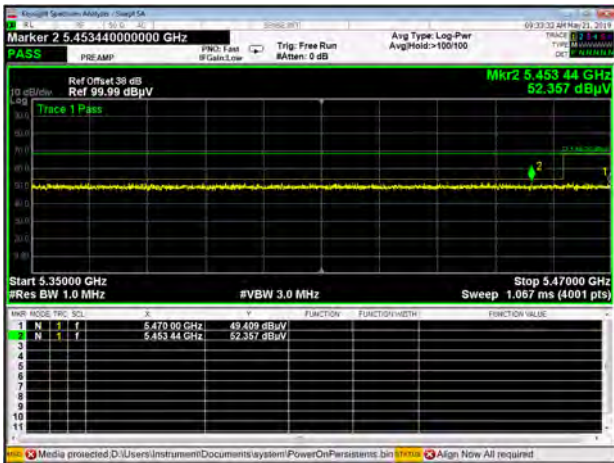
Band III 11n20 CH100 AV



Band III 11n20 CH140 Peak



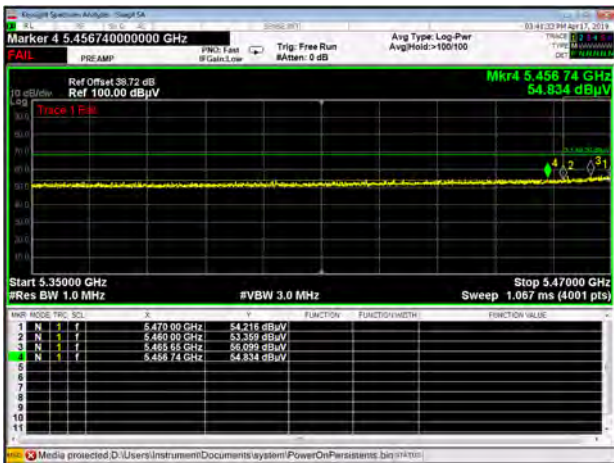
Band III 11n20 CH144 Peak



Band III 11n20 CH144 Peak



Band III 11n40 CH102 Peak



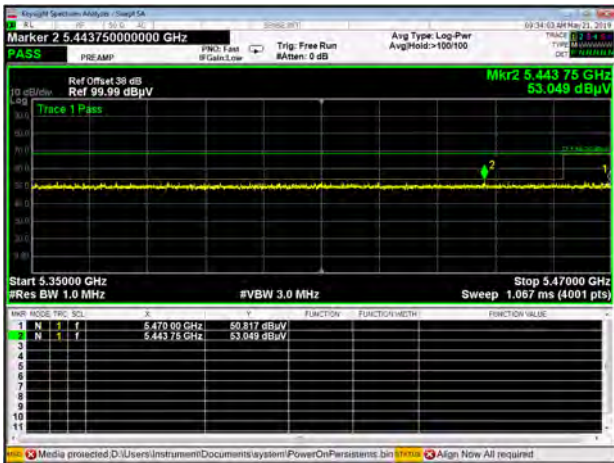
Band III 11n40 CH102 AV



Band III 11n40 CH134 Peak



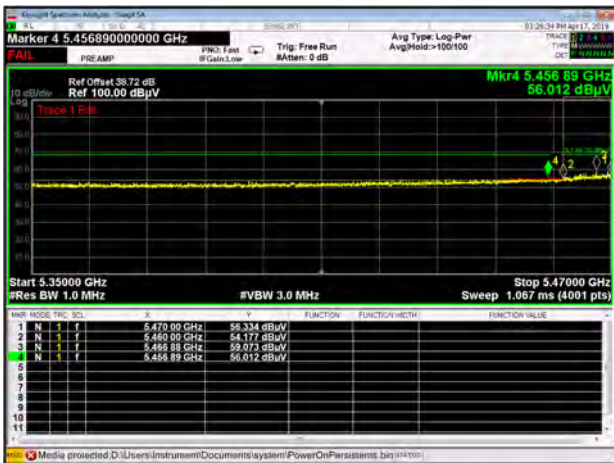
Band III 11n40 CH142 Peak



Band III 11n40 CH142 Peak



Band III 11ac20 CH100 Peak



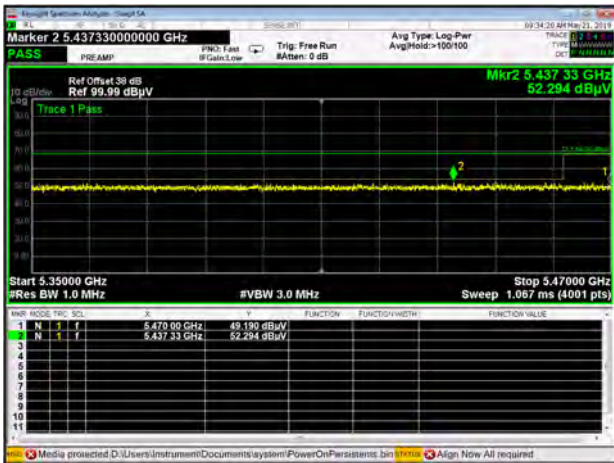
Band III 11ac20 CH100 AV



Band III 11ac20 CH140 Peak



Band III 11ac20 CH144 Peak



Band III 11ac20 CH144 Peak



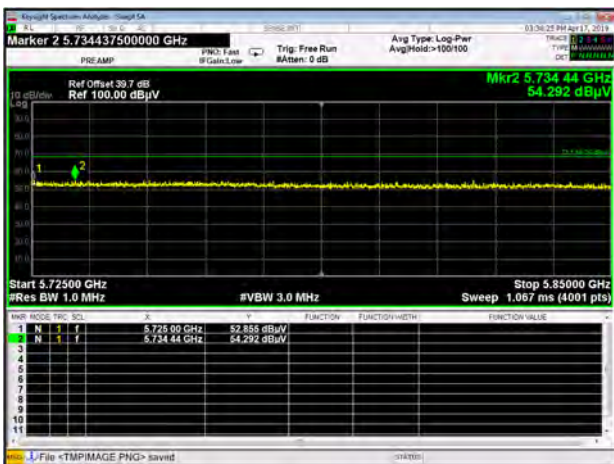
Band III 11ac40 CH102 Peak



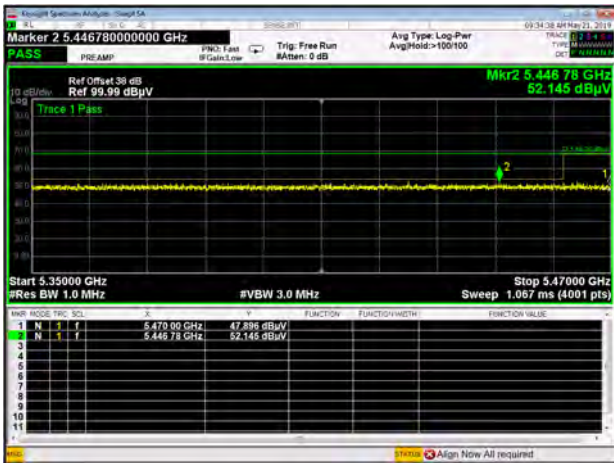
Band III 11ac40 CH102 AV



Band III 11ac40 CH134 Peak



Band III 11ac40 CH142 Peak



Band III 11ac40 CH142 Peak



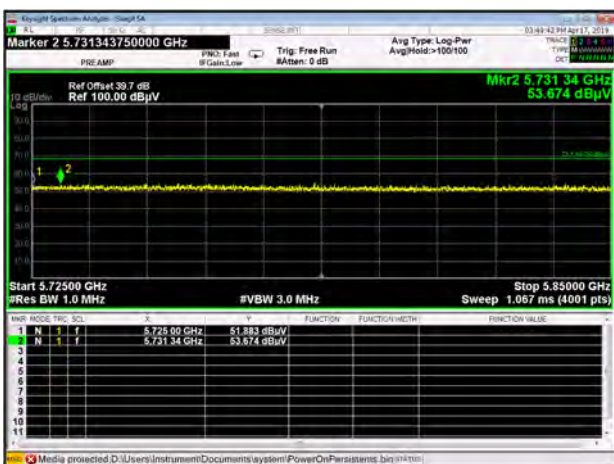
Band III 11ac80 CH106 Peak



Band III 11ac80 CH106 AV



Band III 11ac80 CH122 Peak





Band IV 11a CH149 Peak



Band IV 11a CH165 Peak



Band IV 11n20 CH149 Peak



Band IV 11n20 CH165 Peak



Band IV 11n40 CH151 Peak



Band IV 11n40 CH159 Peak



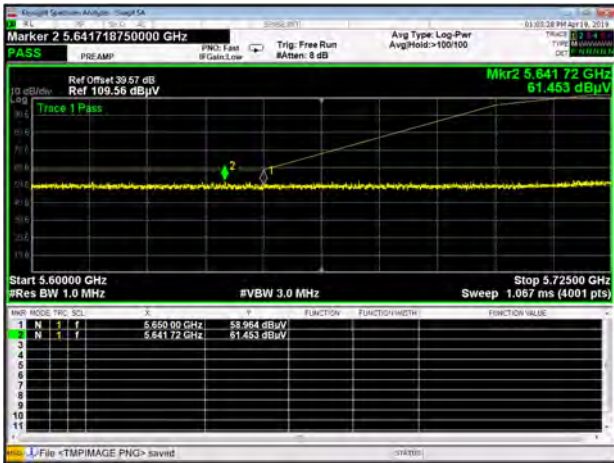
Band IV 11ac20 CH149 Peak



Band IV 11ac20 CH165 Peak



Band IV 11ac40 CH151 Peak



Band IV 11ac40 CH159 Peak



Band IV 11ac80 CH155 Peak

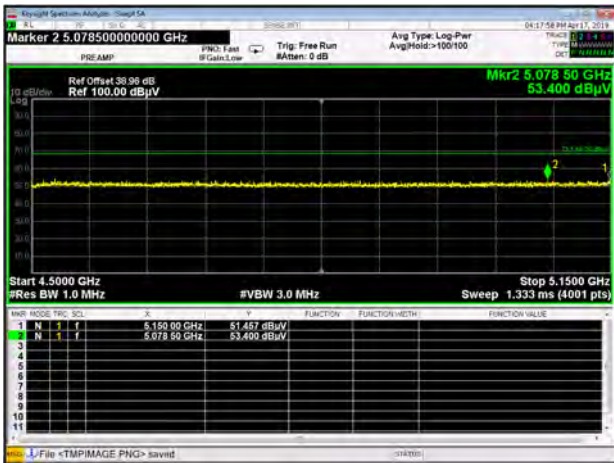


Band IV 11ac80 CH155 Peak

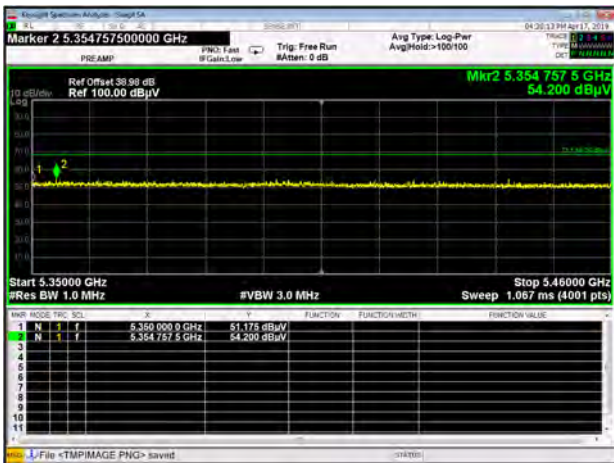


ANT B

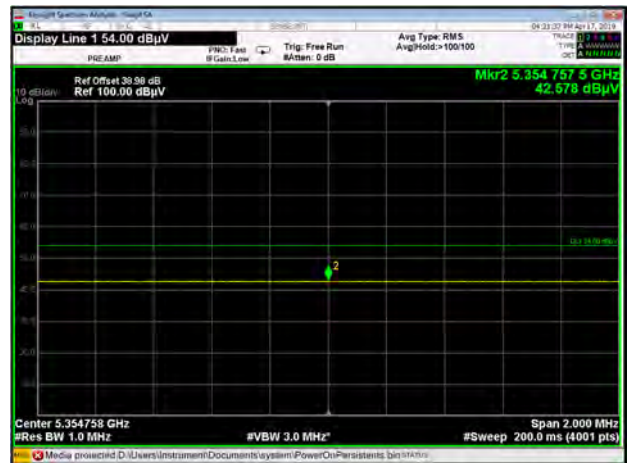
Band I 11a CH36 Peak



Band I 11a CH48 Peak



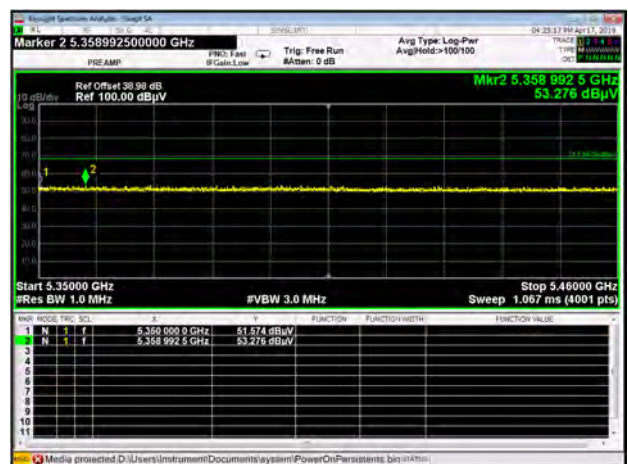
Band I 11a CH48 AV



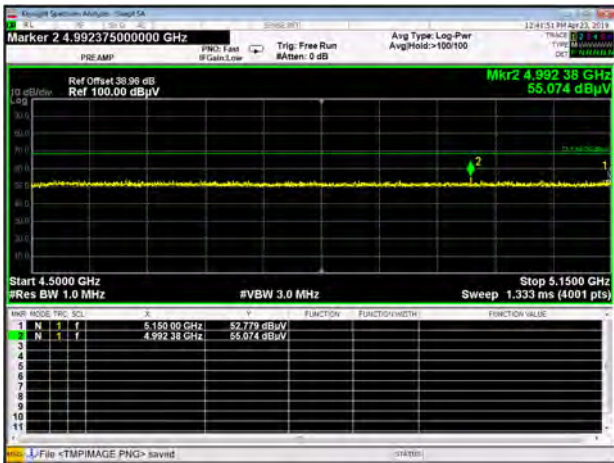
Band I 11n20 CH36 Peak



Band I 11n20 CH48 Peak



## Band I 11n40 CH38 Peak



## Band I 11n40 CH38 AV



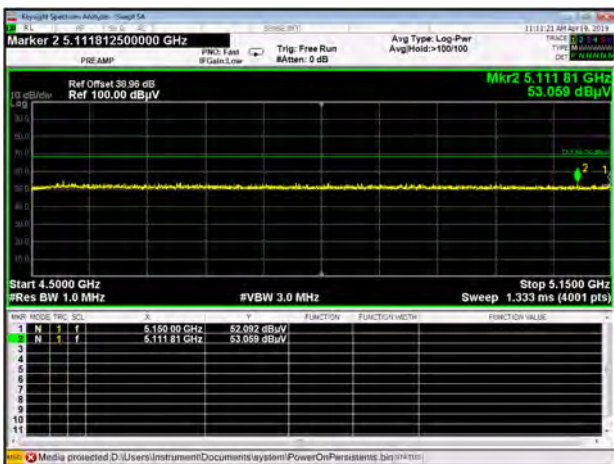
## Band I 11n40 CH46 Peak



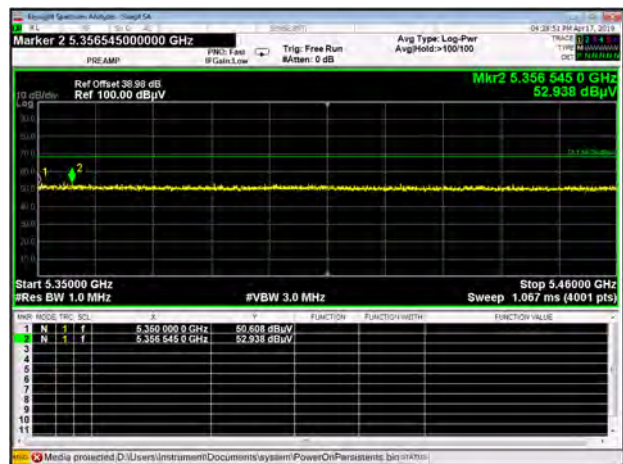
## Band I 11n40 CH46 AV



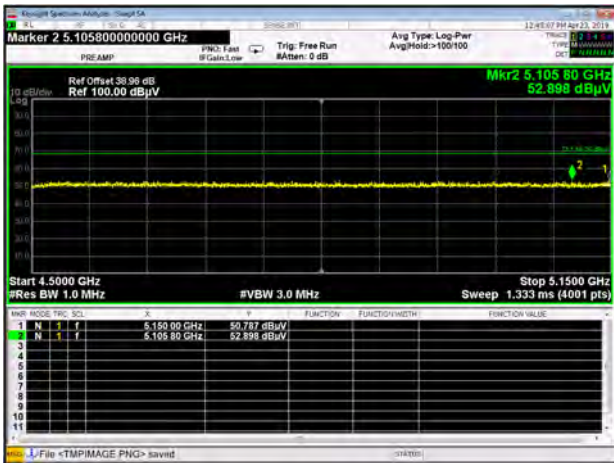
## Band I 11ac20 CH36 Peak



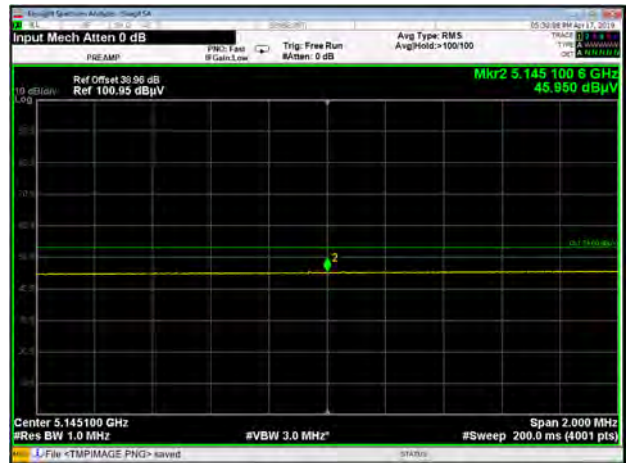
## Band I 11ac20 CH48 Peak



Band I 11ac40 CH38 Peak



Band I 11ac40 CH38 AV



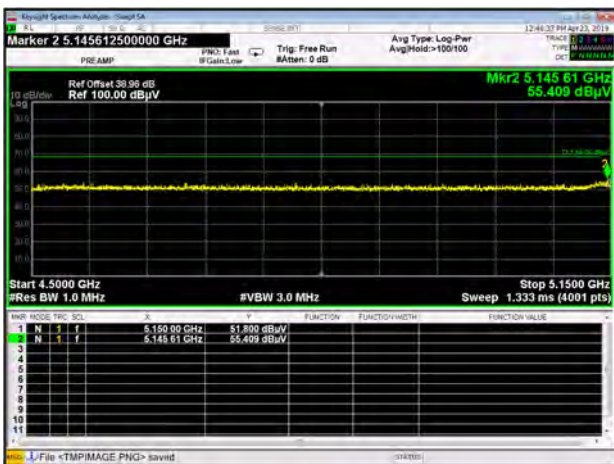
Band I 11ac40 CH46 Peak



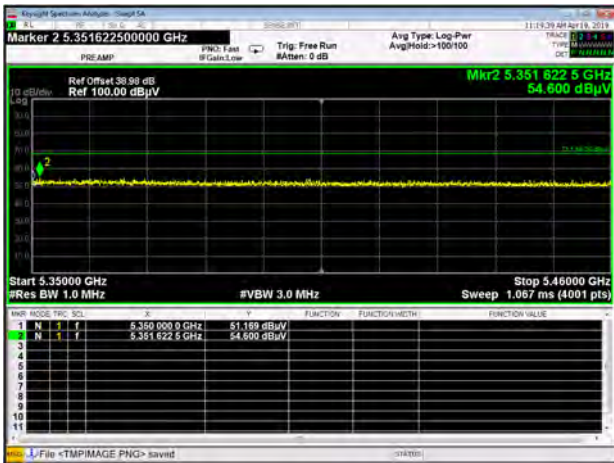
Band I 11ac80 CH42 AV



Band I 11ac80 CH42 Peak



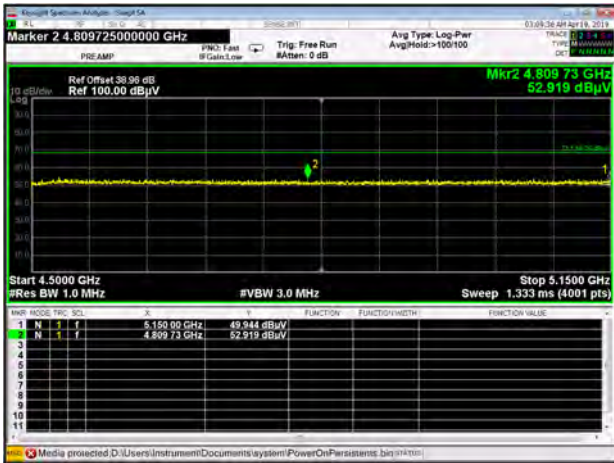
Band I 11ac80 CH42 Peak



Band I 11ac80 CH42 AV



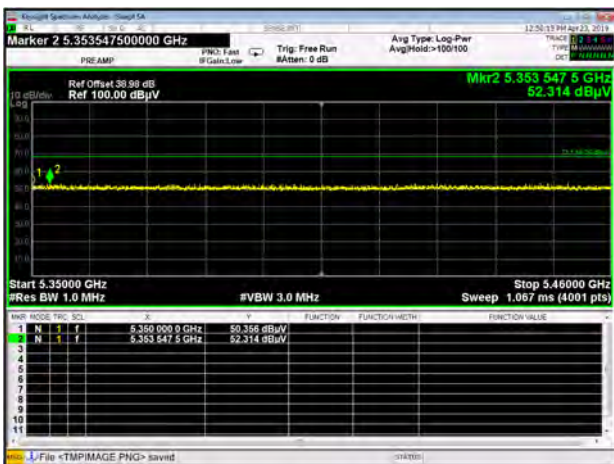
Band II 11a CH52 Peak



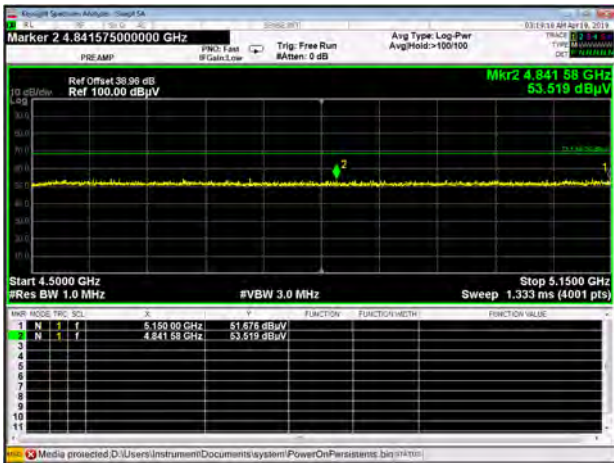
Band II 11a CH64 AV



Band II 11a CH64 Peak



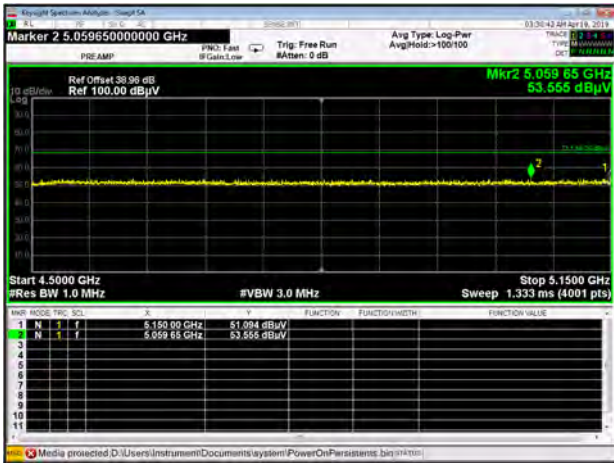
Band II 11n20 CH52 Peak



Band II 11n20 CH64 Peak



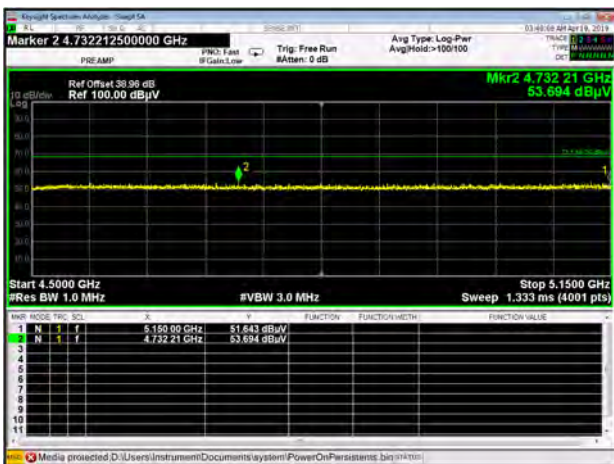
Band II 11n40 CH54 Peak



Band II 11n40 CH62 Peak



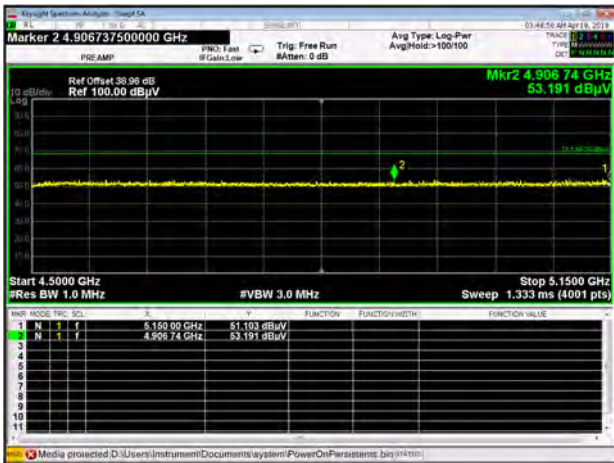
Band II 11ac20 CH52 Peak



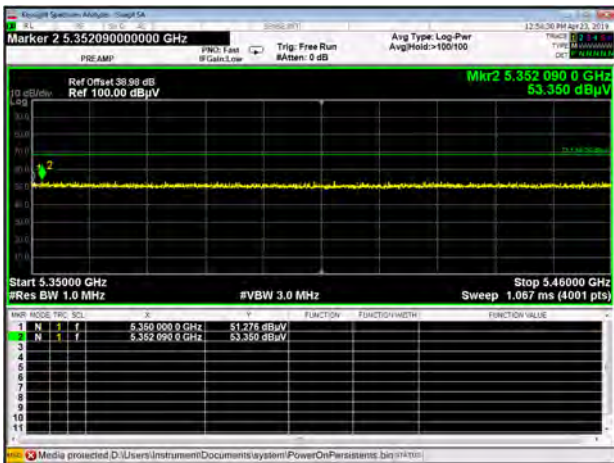
Band II 11ac20 CH64 Peak



Band II 11ac40 CH54 Peak



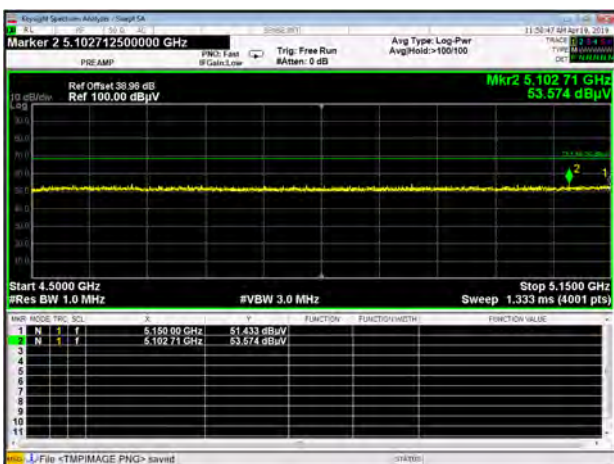
Band II 11ac40 CH62 Peak



Band II 11ac40 CH62 AV

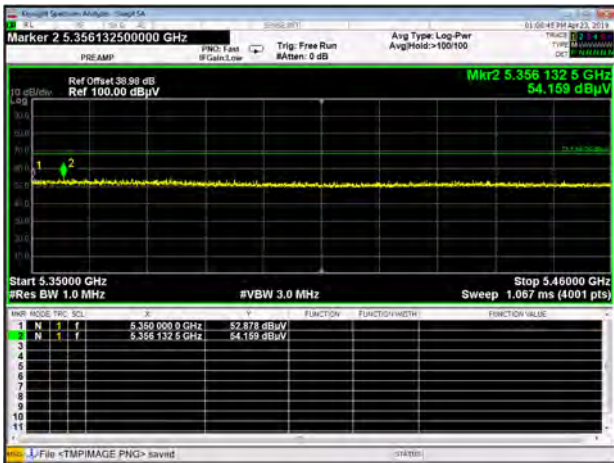


Band II 11ac80 CH58 Peak





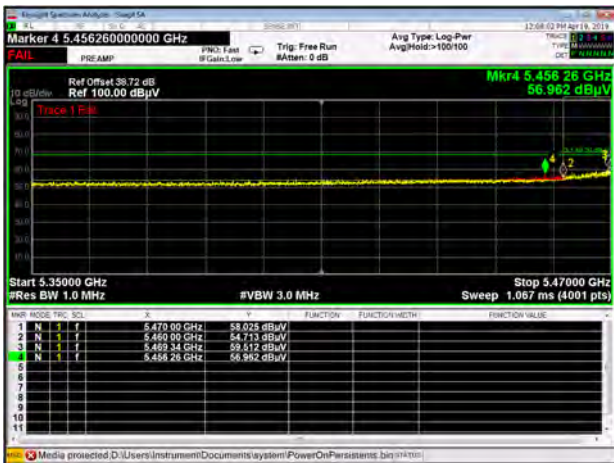
Band II 11ac80 CH58 Peak



Band II 11ac80 CH58 AV



Band III 11a CH100 Peak



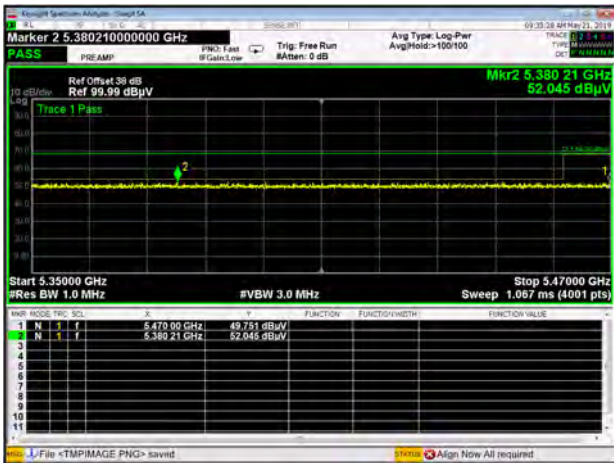
Band III 11a CH100 AV



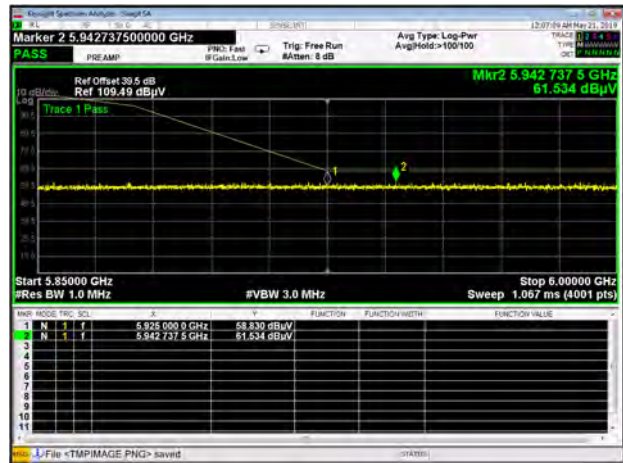
Band III 11a CH140 Peak



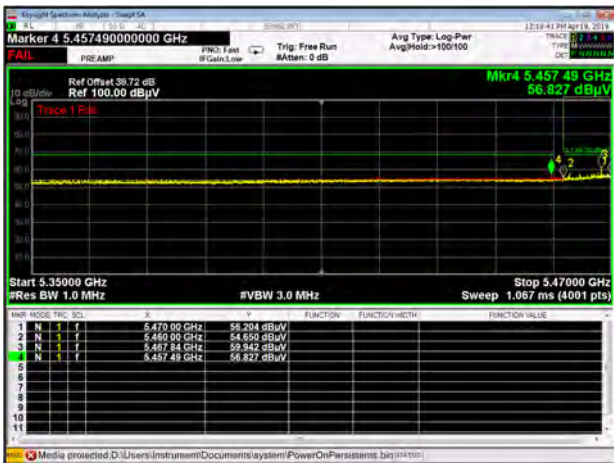
Band III 11a CH144 Peak



Band III 11a CH144 Peak



Band III 11n20 CH100 Peak



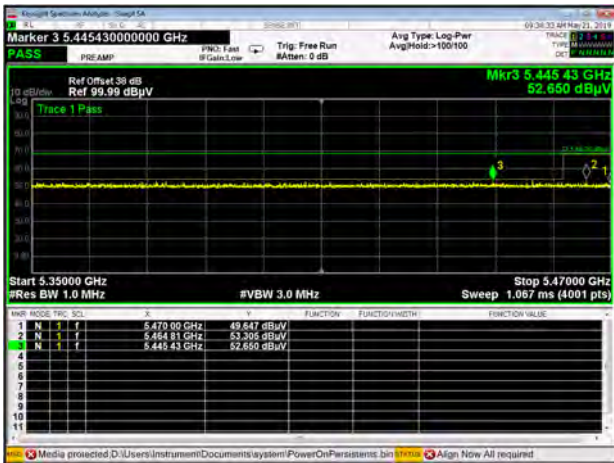
Band III 11n20 CH100 AV



Band III 11n20 CH140 Peak



Band III 11n20 CH144 Peak



Band III 11n20 CH144 Peak



Band III 11n40 CH102 Peak



Band III 11n40 CH102 AV



Band III 11n40 CH134 Peak



Band III 11n40 CH142 Peak



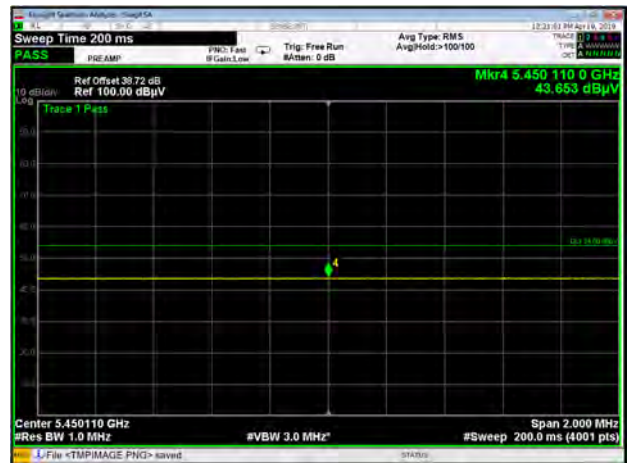
Band III 11n40 CH142 Peak



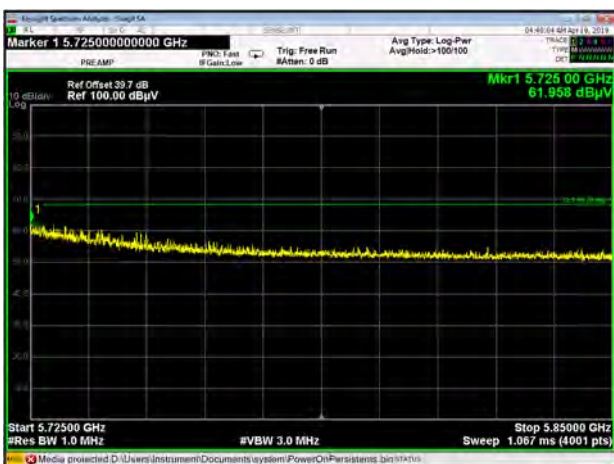
Band III 11ac20 CH100 Peak



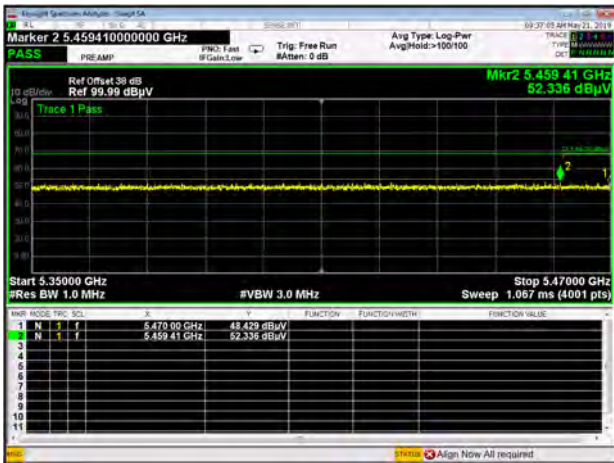
Band III 11ac20 CH100 AV



Band III 11ac20 CH140 Peak



Band III 11ac20 CH144 Peak



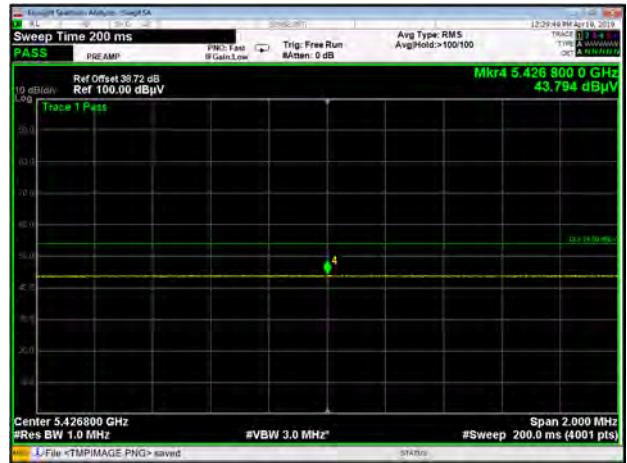
Band III 11ac20 CH144 Peak



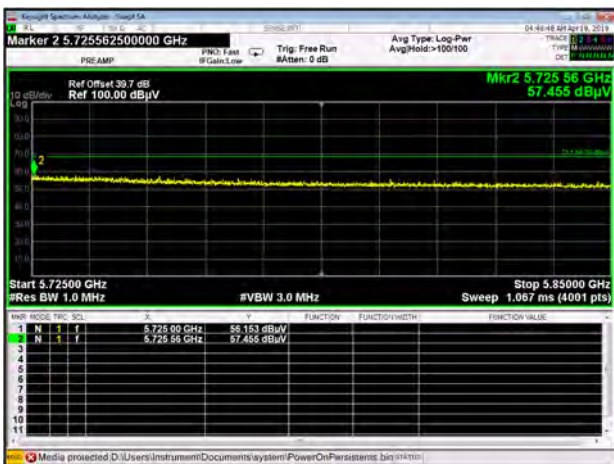
Band III 11ac40 CH102 Peak



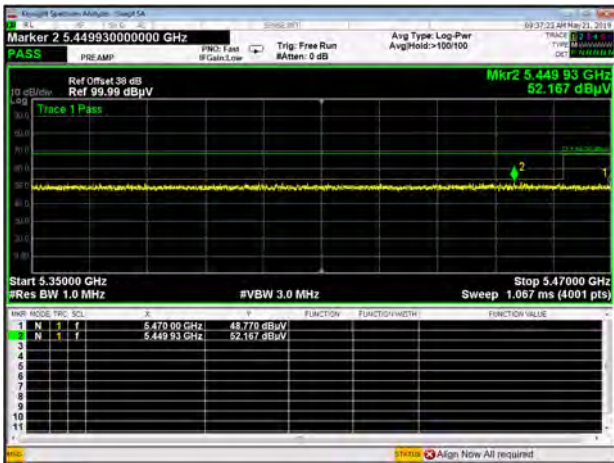
Band III 11ac40 CH102 AV



Band III 11ac40 CH134



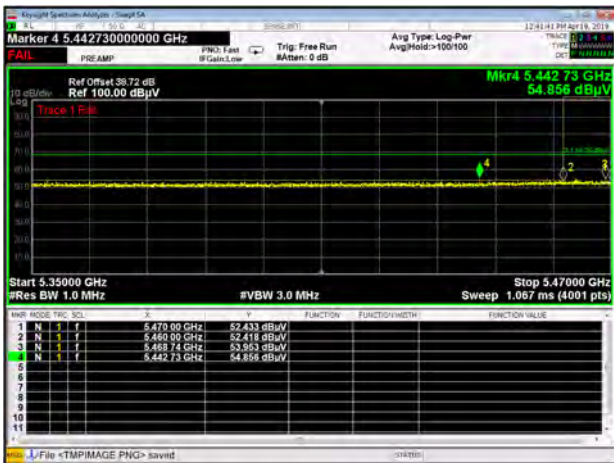
Band III 11ac40 CH142 Peak



Band III 11ac40 CH142 Peak



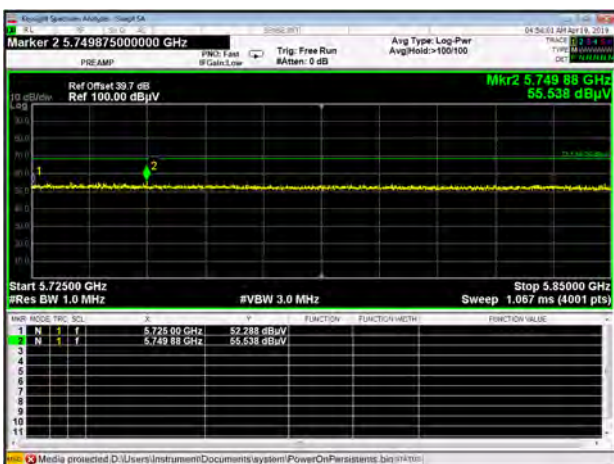
Band III 11ac80 CH106 Peak



Band III 11ac80 CH106 AV



Band III 11ac80 CH122 Peak



Band IV 11a CH149 Peak



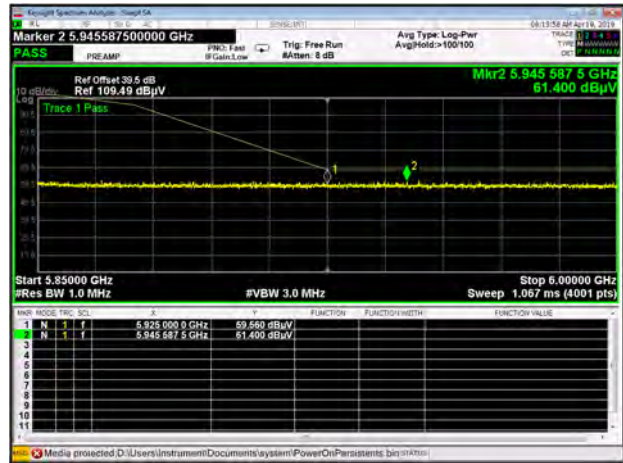
Band IV 11a CH165 Peak



Band IV 11n20 CH149 Peak



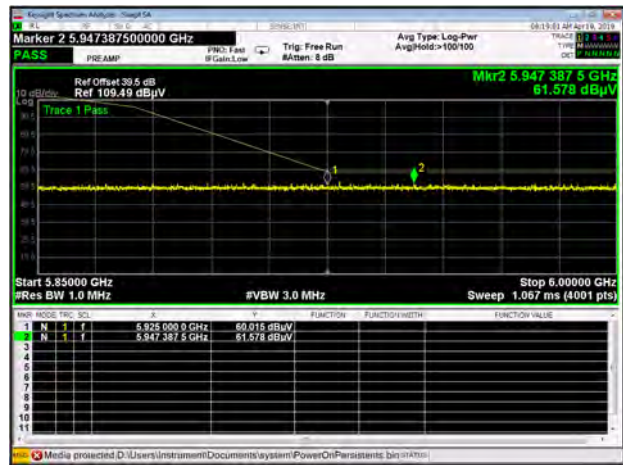
Band IV 11n20 CH165 Peak



Band IV 11n40 CH151 Peak



Band IV 11n40 CH159 Peak



Band IV 11ac20 CH149 Peak



Band IV 11ac20 CH165 Peak



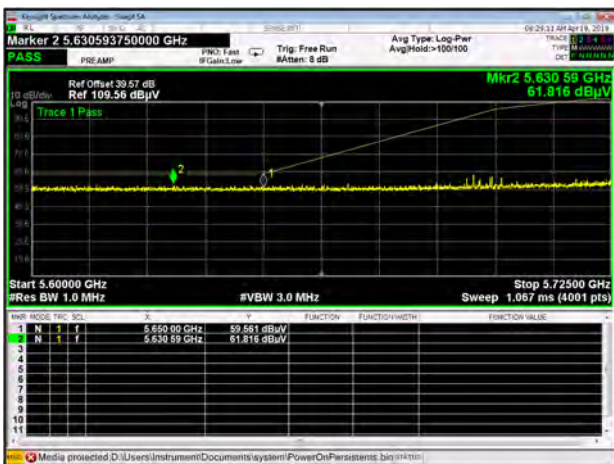
Band IV 11ac40 CH151 Peak



Band IV 11ac40 CH159 Peak



Band IV 11ac80 CH155 Peak



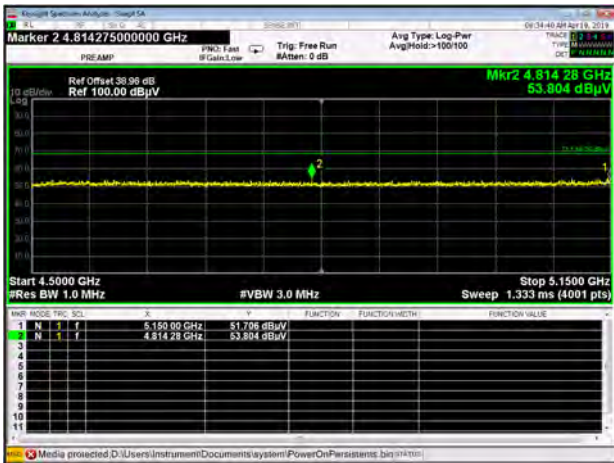
Band IV 11ac80 CH155 Peak



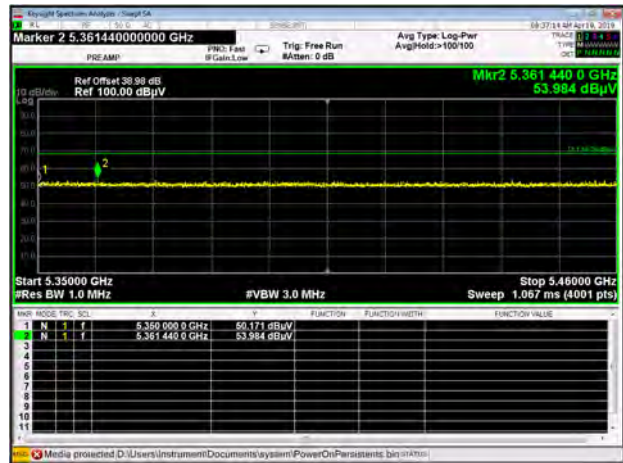


MIMO-ANT A+B

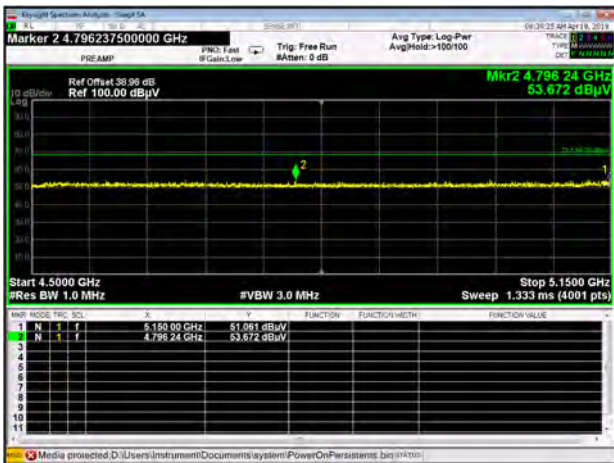
Band I 11n20 CH36 Peak



Band I 11n20 CH48 Peak



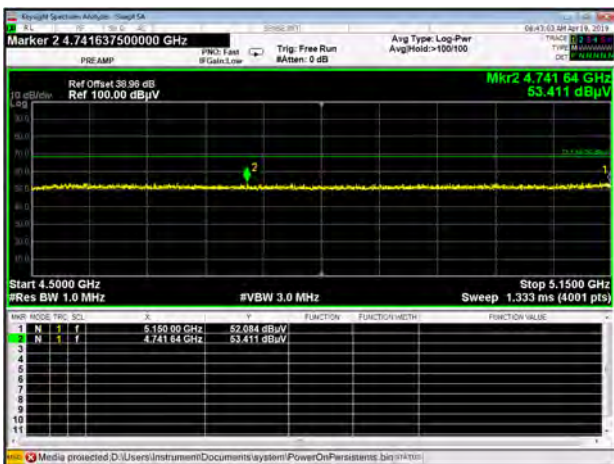
Band I 11n40 CH38 Peak



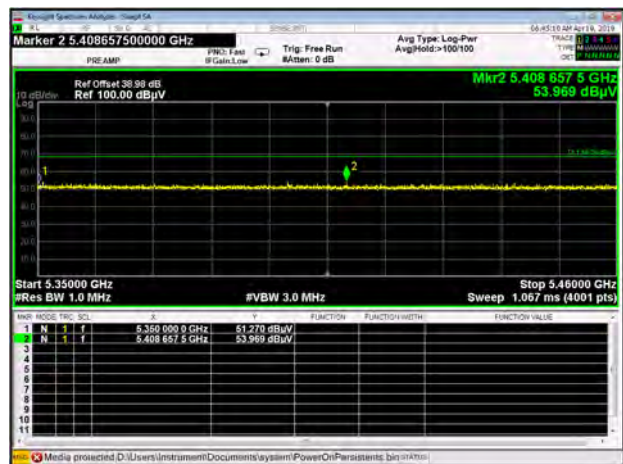
Band I 11n40 CH46 Peak



Band I 11ac20 CH36 Peak



Band I 11ac20 CH48 Peak



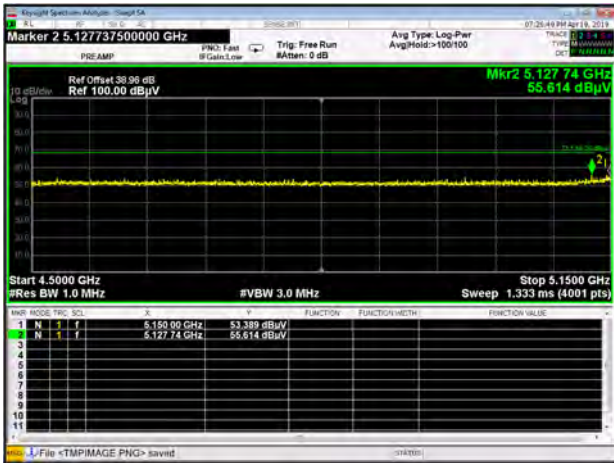
Band I 11ac40 CH38 Peak



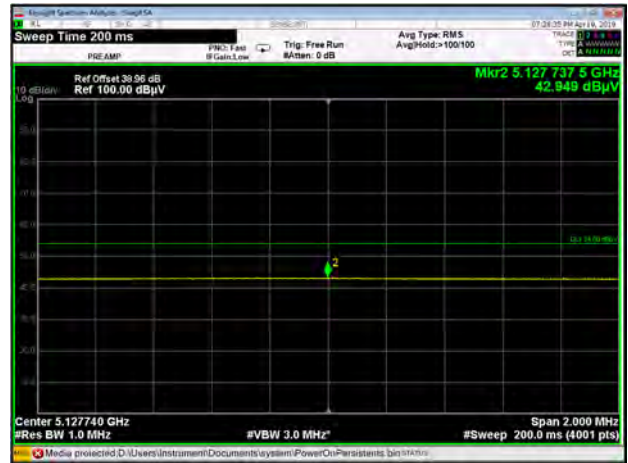
Band I 11ac40 CH46 Peak



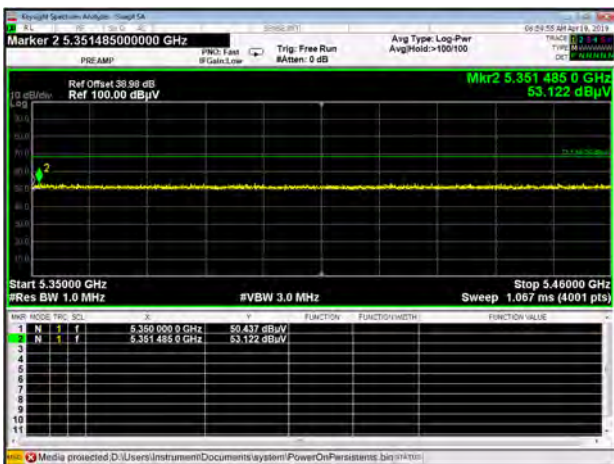
Band I 11ac80 CH42 Peak



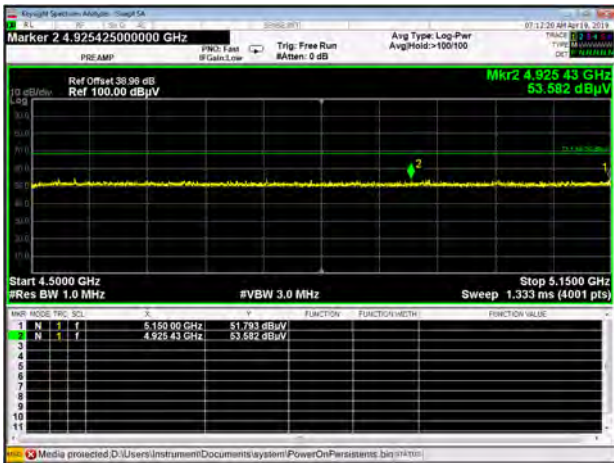
Band I 11ac80 CH42 AV



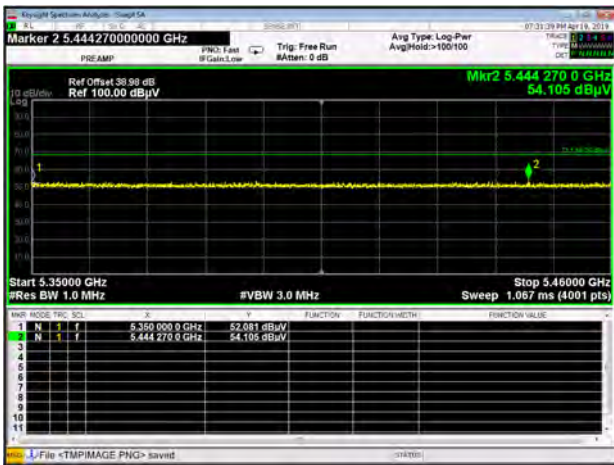
Band I 11ac80 CH42 Peak



Band II 11n20 CH52 Peak



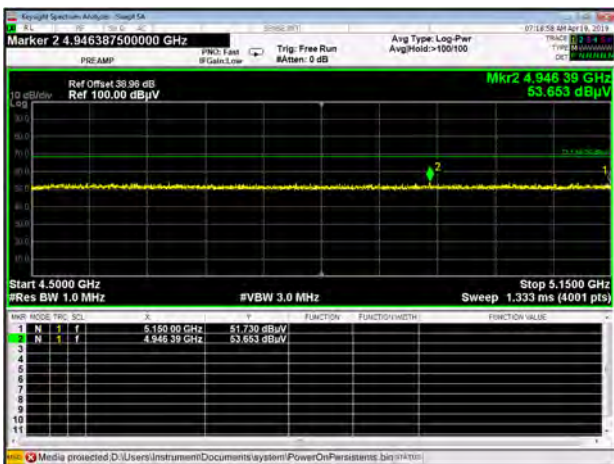
Band II 11n20 CH64 Peak



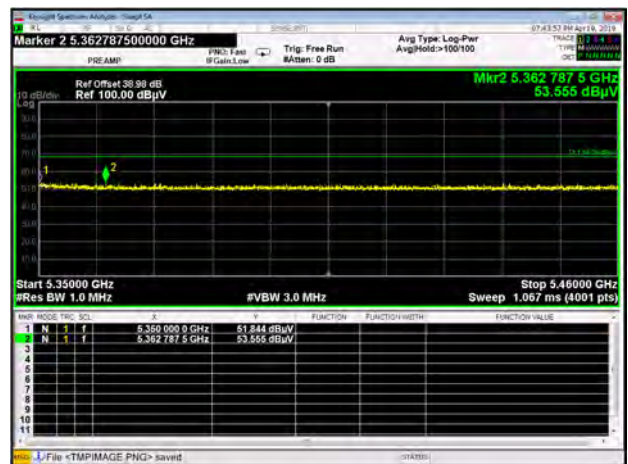
Band II 11n20 CH64 AV



Band II 11n40 CH54 Peak



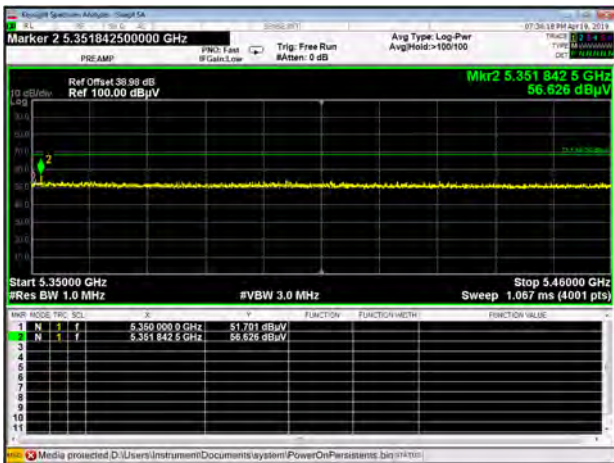
Band II 11n40 CH62 Peak



Band II 11ac20 CH52 Peak



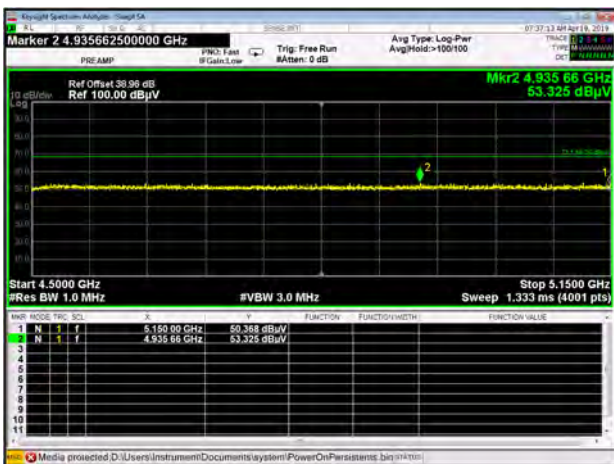
Band II 11ac20 CH64 Peak



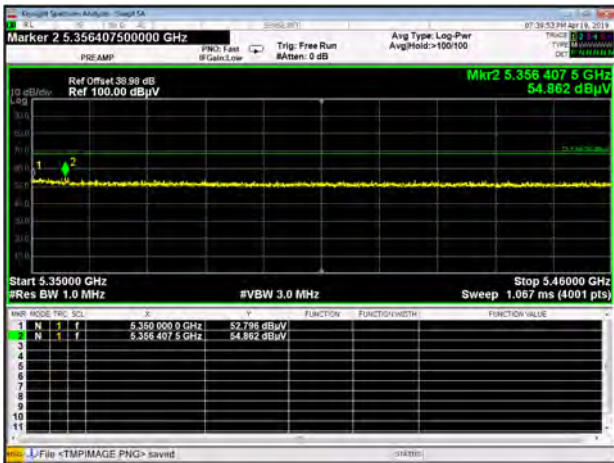
Band II 11ac20 CH64 AV



Band II 11ac40 CH54 Peak



Band II 11ac40 CH62 Peak



Band II 11ac40 CH62 AV



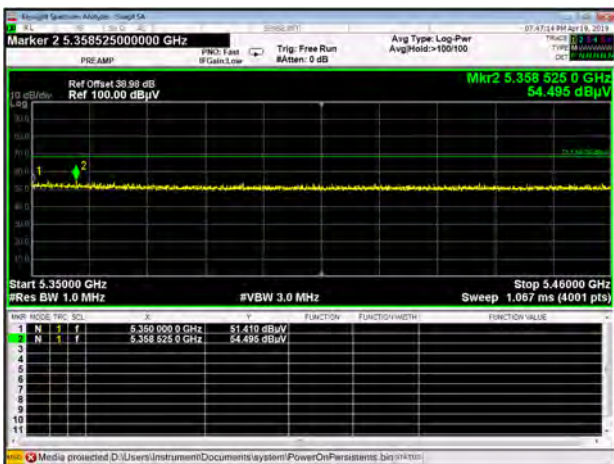
Band II 11ac80 CH58 Peak



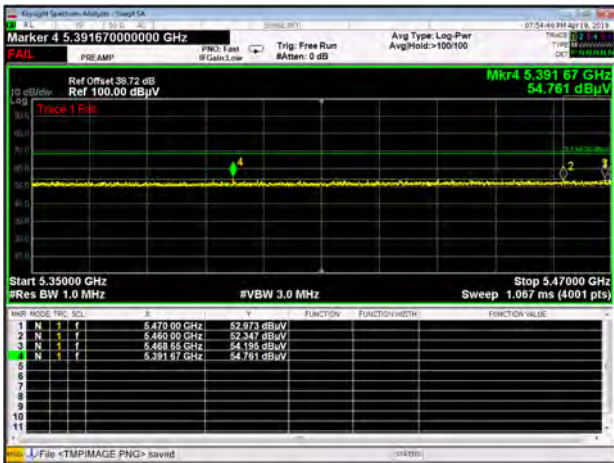
Band II 11ac80 CH58 AV



Band II 11ac80 CH58 Peak



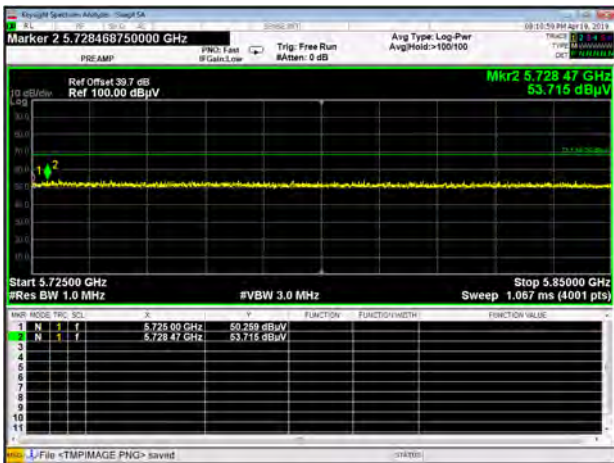
Band III 11n20 CH100 Peak



Band III 11n20 CH100 AV



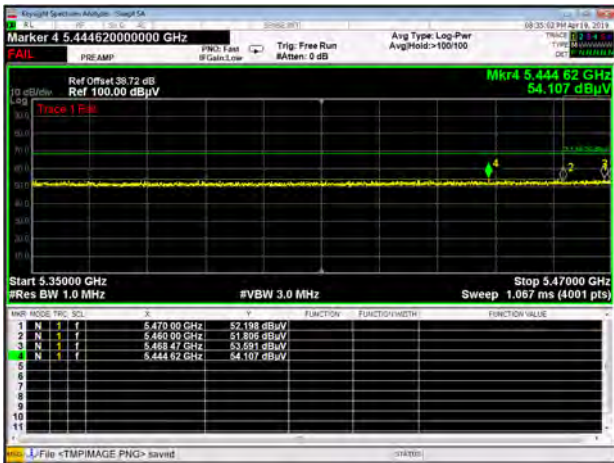
Band III 11n20 CH140 Peak



Band III 11n20 CH144 Peak



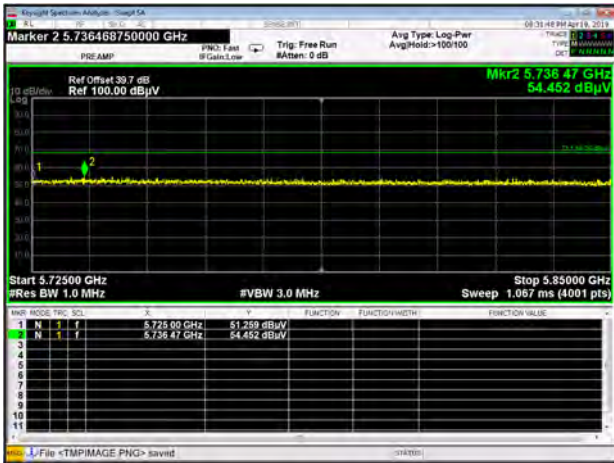
Band III 11n40 CH102 Peak



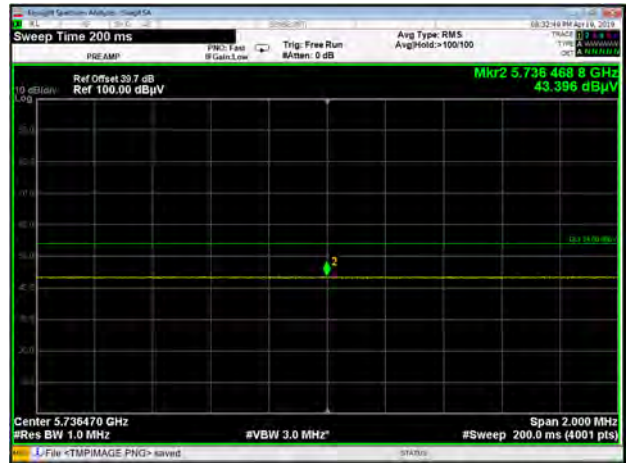
Band III 11n40 CH102 AV



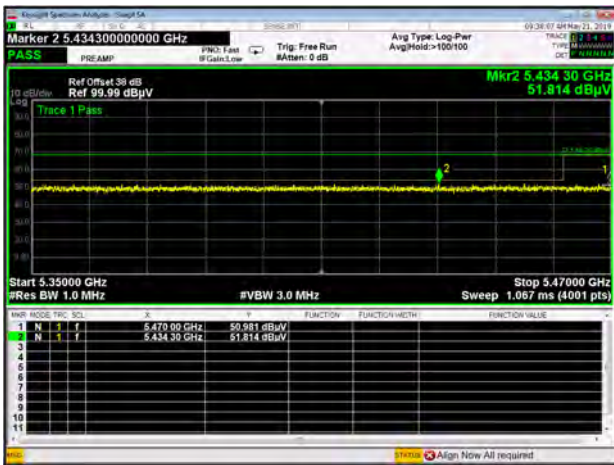
Band III 11n40 CH134 Peak



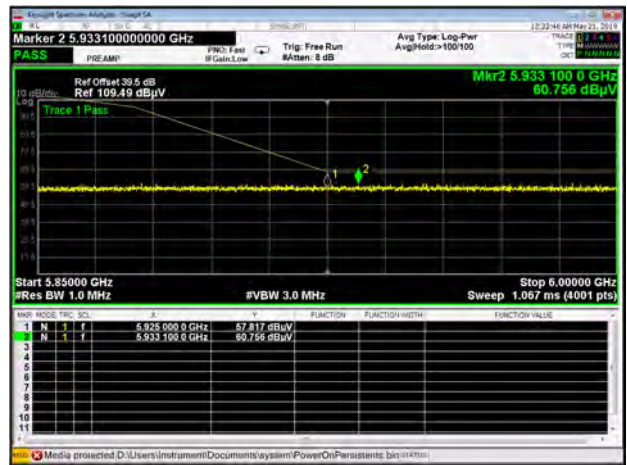
Band III 11n40 CH134 AV



Band III 11n40 CH142 Peak



Band III 11n40 CH142 Peak



## Band III 11ac20 CH100 Peak



## Band III 11ac20 CH140 Peak



## Band III 11ac20 CH140 AV



## Band III 11ac20 CH144 Peak

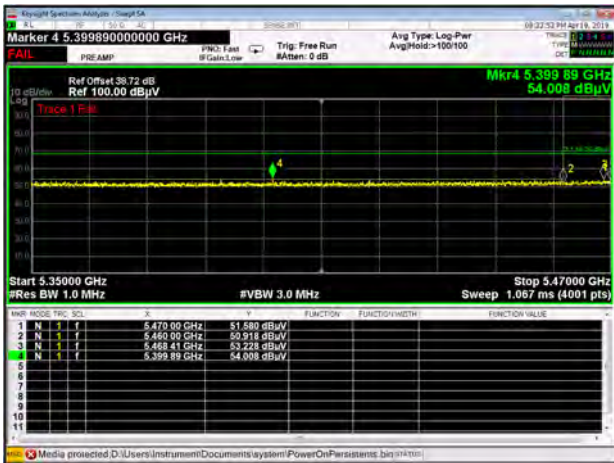


## Band III 11ac20 CH144 Peak





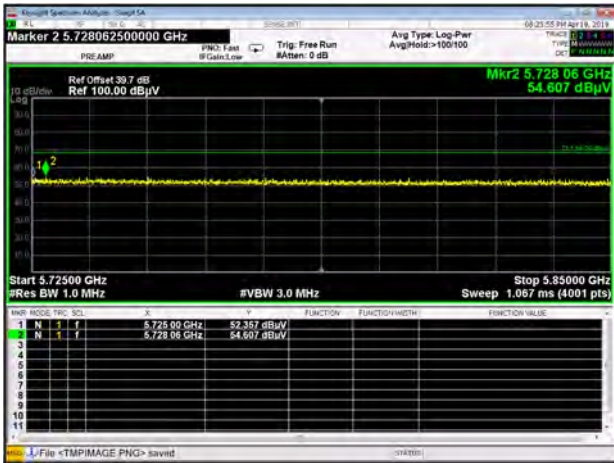
Band III 11ac40 CH102 Peak



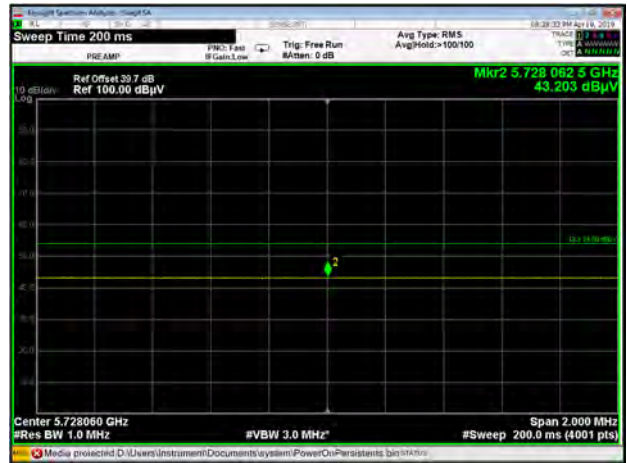
Band III 11ac40 CH102 AV



Band III 11ac40 CH134 Peak



Band III 11ac40 CH134 AV



Band III 11ac40 CH142 Peak



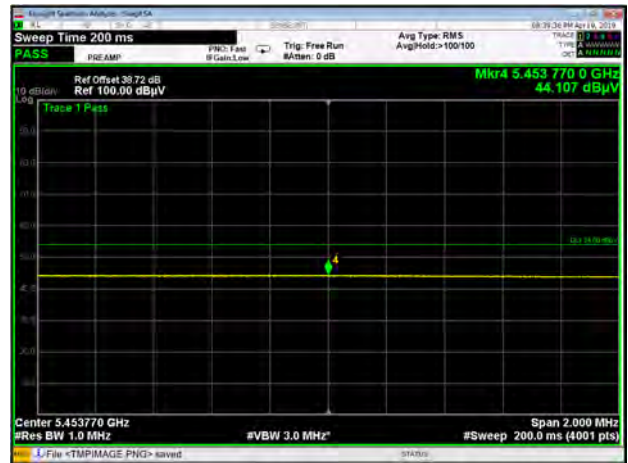
Band III 11ac40 CH142 Peak



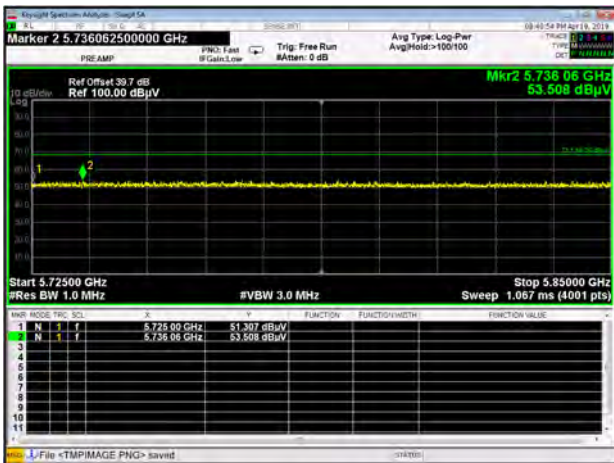
Band III 11ac80 CH106 Peak



Band III 11ac80 CH106 AV



Band III 11ac80 CH122 Peak



Band IV 11n20 CH149 Peak



Band IV 11n20 CH165 Peak



Band IV 11n40 CH151 Peak



Band IV 11n40 CH159 Peak



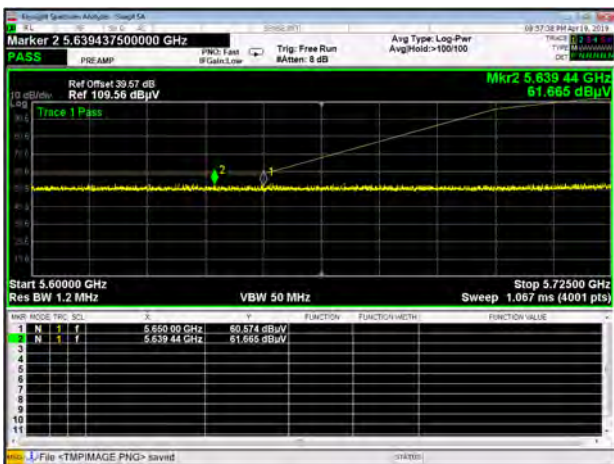
Band IV 11ac20 CH149 Peak



Band IV 11ac20 CH165 Peak



Band IV 11ac40 CH151 Peak



Band IV 11ac40 CH159 Peak



Band IV 11ac80 CH155 Peak

Band IV 11ac80 CH155 Peak



## A.7 Frequency Stability

### Voltage vs. Frequency Stability (5180 MHz)

Test Conditions		Test Frequency (MHz)	0 Minute		2 Minute		5 Minute		10Minute	
TEMP. (°C)	Voltage (VDC)		Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)
20	10.8	5180	5179.976495	-4.54	5180.0338	6.53	5179.999018	-0.19	5179.978839	-4.09
	11.4	5180	5180.020211	3.90	5179.99608	-0.76	5180.03956	7.64	5180.02133	4.12
	12	5180	5180.035288	6.81	5180.01267	2.45	5180.019386	3.74	5180.022493	4.34

### Temperature vs. Frequency Stability (5180 MHz)

Test Conditions		Test Frequency (MHz)	0 Minute		2 Minute		5 Minute		10Minute	
Voltage (VDC)	TEMP. (°C)		Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)
11.4	0	5180	5179.978107	-4.23	5179.968118	-6.15	5179.980502	-3.76	5179.988911	-2.14
	5	5180	5180.018205	3.51	5180.01082	2.09	5180.037168	7.18	5180.047	9.07
	10	5180	5180.012503	2.41	5180.02909	5.62	5180.033224	6.41	5180.03727	7.19
	15	5180	5180.01954	3.77	5180.02237	4.32	5180.024176	4.67	5180.011857	2.29
	20	5180	5179.972476	-5.31	5179.993258	-1.30	5179.974462	-4.93	5179.991459	-1.65
	25	5180	5180.017999	3.47	5180.018431	3.56	5180.046534	8.98	5180.034911	6.74
	30	5180	5180.048758	9.41	5180.048463	9.36	5180.021685	4.19	5180.031649	6.11
	35	5180	5179.994416	-1.08	5180.038925	7.51	5180.027861	5.38	5180.003803	0.73

**Voltage vs. Frequency Stability (5825 MHz)**

Test Conditions		Test Frequency (MHz)	0 Minute		2 Minute		5 Minute		10Minute	
TEMP. (°C)	Voltage (VDC)		Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)
20	10.8	5825	5824.956872	-7.40	5824.953832	-7.93	5824.979405	-3.54	5824.955894	-7.57
	11.4	5825	5825.022659	3.89	5825.02129	3.65	5825.024322	4.18	5825.000971	0.17
	12	5825	5825.02498	4.29	5825.007923	1.36	5825.039887	6.85	5825.048048	8.25

**Temperature vs. Frequency Stability (5825 MHz)**

Test Conditions		Test Frequency (MHz)	0 Minute		2 Minute		5 Minute		10Minute	
Voltage (VDC)	TEMP. (°C)		Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)	Measurement Frequency (MHz)	Max. Deviation (ppm)
11.4	0	5825	5824.99304	-1.19	5824.991729	-1.42	5824.995748	-0.73	5824.968584	-5.39
	5	5825	5825.004133	0.71	5825.029639	5.09	5825.009877	1.70	5825.029687	5.10
	10	5825	5825.023279	4.00	5825.033279	5.71	5825.038749	6.65	5825.002516	0.43
	15	5825	5825.024566	4.22	5825.040553	6.96	5825.047729	8.19	5825.024964	4.29
	20	5825	5824.989154	-1.86	5824.992659	-1.26	5824.999533	-0.08	5824.967153	-5.64
	25	5825	5825.019265	3.31	5825.036813	6.32	5825.040117	6.89	5825.042232	7.25
	30	5825	5825.029978	5.15	5825.031209	5.36	5824.973324	-4.58	5824.979468	-3.52
	35	5825	5825.027602	4.74	5824.953596	-7.97	5825.037605	6.46	5825.049008	8.41

## **ANNEX B TEST SETUP PHOTOS**

Please refer the document "BL-SZ1940136-AR.PDF".

## **ANNEX C EUT EXTERNAL PHOTOS**

Please refer the document "BL- SZ1940136-AW.PDF".

## **ANNEX D EUT INTERNAL PHOTOS**

Please refer the document "BL- SZ1940136-AI.PDF".

--END OF REPORT--