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Report No.: SZEM141000589401
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FCC REPORT

Application No: SZEM1410005894CR
Applicant: Flyingvoice Technology Co., Ltd.
Manufacturer/ Factory: Flyingvoice Technology Co., Ltd.
Product Name: VoIP Wireless Router
Model No.(EUT): G702P
Add Model No.: G702, G701P, G701A, G700P, G700A
FCC ID: 2AATVG702
Standards: 47 CFR Part 15, Subpart E (2014)
Date of Receipt: 2014-11-04
Date of Test: 2014-11-11 to 2015-01-04
Date of Issue: 2015-01-30

Test Result:	PASS *
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. * In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Jack Zhang
EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

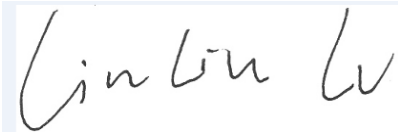
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

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2 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
00		2015-01-30		Original

Authorized for issue by:			
Tested By		 _____ (Chris Zhong) /Project Engineer	2015-01-04 _____ Date
Prepared By		 _____ (Linlin Lv) /Clerk	2015-01-30 _____ Date
Checked By		 _____ (Kevin Feng) /Reviewer	2015-02-05 _____ Date

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3 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Section 15.203	ANSI C63.10 2009	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Section 15.207	ANSI C63.10 2009	PASS
Duty Cycle	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	ANSI C63.10 2009	--
Conducted Peak Output Power	47 CFR Part 15 Section 15.407(a)	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	PASS
6dB Occupied Bandwidth	47 CFR Part 15 Section 15.407(a)	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	PASS
26 dB Emission Bandwidth & 99% Occupied Bandwidth	47 CFR Part 15 Section 15.407(a)	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	PASS
Power Spectral Density	47 CFR Part 15 Section 15.407(a)	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	PASS
Radiated Spurious Emissions	47 CFR Part 15 Section 15.407(a)	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15 Section 15.407(b)	FCC KDB 789033 D02 General UNIT Test Procedures New Rules v01	PASS

Remark:

1)Model No.: G702P, G702, G701P, G701A, G700P, G700A

Only the model G702P was tested, since the circuit design, PCB layout, electrical components used, internal wiring and functions were identical for the above models, with difference being model no., color and decorations.

2)Other than AC Power Line Conducted Emission and Radiated Spurious Emissions items, through pre-scan all adapter and find the No.: SW36-12003000-W adapter which is the worst case, so only this adapter is used during those test and only this adapter test data include in this report.

3) For this EUT just only one antenna support 5G WIFI, so only one antenna test data include in this report.



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5 General Information

5.1 Client Information

Applicant:	Flyingvoice Technology Co., Ltd.
Address of Applicant:	Room 202, Chuangxin Bldg A#, No.12 Hongda North Rd, BDA, Beijing, China
Manufacturer:	Flyingvoice Technology Co., Ltd.
Address of Manufacturer:	Room 202, Chuangxin Bldg A#, No.12 Hongda North Rd, BDA, Beijing, China
Factory:	Flyingvoice Technology Co., Ltd.
Address of Factory:	Room 202, Chuangxin Bldg A#, No.12 Hongda North Rd, BDA, Beijing, China

5.2 General Description of EUT

Product Name:	VoIP Wireless Router	
Model No.:	G702P	
Operation Frequency:	IEEE 802.11a/ n(HT20/40)/ac(HT20/40/80): 5150MHz to 5250MHz IEEE 802.11a/ n(HT20/40)/ac(HT20/40/80): 5725MHz to 5850MHz More details of EUT technical specification, please refer to the User's Manual.	
Type of Modulation:	IEEE for 802.11a: OFDM(BPSK/QPSK/16QAM/64QAM) IEEE for 802.11n : OFDM(BPSK/QPSK/16QAM/64QAM) IEEE for 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)	
Sample Type:	Fixed production	
Antenna Type:	Integrated antenna	
Antenna Gain:	5dBi	
Number of transmitter chains	1 (SISO)	
Power Supply:	AC adapter:	M/N: F12W3-120100SPAU Input: 100-240V; 50/60Hz, 0.3A Output: DC 12V, 1A
		M/N: S24B12-120A200-Y4 Input: 100-240V; 50/60Hz, 0.7A Output: DC 12V, 2A
		M/N: WHF-1200300T3 Input: 100-240V; 50/60Hz, 1.0A Output: DC 12V 3.0A
		M/N: SW36-12003000-W Input: 100-240V; 50/60Hz, 1.5A Output: DC 12V, 3.0A
DC output cable:	140cm (Unshielded) (MODEL: S24B12-120A200-Y4)	
DC output cable :	144cm Unshielded with a ferrite core (MODEL: SW36-12003000-W)	
DC output cable:	148cm (Unshielded) (MODEL: F12W3-120100SPAU)	
DC output cable :	146cm Unshielded (MODEL: WHF-1200300T3)	

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Operation Frequency of channel			
Band I (5.15-5.25GHz)		Band IV(5.725-5.85 GHz)	
Channel	Frequency	Channel	Frequency
36	5180MHz	149	5745MHz
38	5190MHz	151	5755MHz
40	5200MHz	153	5765MHz
42	5210MHz	155	5775MHz
44	5220MHz	157	5785MHz
46	5230MHz	159	5795MHz
48	5240MHz	161	5805MHz
		165	5825MHz

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, 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 802.11 a/n(HT20)/ac(HT20):

Channel	Frequency	Channel	Frequency
36	5180MHz	149	5745
40	5200MHz	157	5785
48	5240MHz	165	5825

For 802.11 n(HT40)/ac(HT40):

Channel	Frequency	Channel	Frequency
38	5190MHz	151	5755
46	5230MHz	159	5795

For 802.11 ac(HT80):

Channel	Frequency	Channel	Frequency
42	5210MHz	155	5775

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5.3 Test Environment and Mode

Operating Environment:	
Temperature:	24.0 °C
Humidity:	52 % RH
Atmospheric Pressure:	1008 mbar
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.
Note: During the test, we use the PC to configure the power, modulation, data rate and channels.	

5.4 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.
PC	Supply by client	DCSM
Lan cable	Supply by SGS	N/A
Mouse	IBM	MO28UO
Keyboard	IBM	KB-0225
Phone(Just used for Conducted Emission and Radiated Spurious Emissions test items)	PHILIPS	HCD1888(11)TSD

5.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch E&E Lab,
No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China.
518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.



5.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **VCCI**

The 10m Semi-anechoic chamber and Shielded Room (7.5m x 4.0m x 3.0m) of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

- **FCC – Registration No.: 556682**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 556682.

- **Industry Canada (IC)**

Two 3m Semi-anechoic chambers of SGS-CSTC Standards Technical Services Co., Ltd. have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1 & 4620C-2.

5.7 Deviation from Standards

None.

5.8 Abnormalities from Standard Conditions

None.

5.9 Other Information Requested by the Customer

None.



5.10 Equipment List

Conducted Emission					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Due date (yyyy-mm-dd)
1	Shielding Room	ZhongYu Electron	GB-88	SEL0042	2015-06-10
2	LISN	Rohde & Schwarz	ENV216	SEL0152	2015-10-24
3	LISN	ETS-LINDGREN	3816/2	SEL0021	2015-05-16
4	8 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T8-02	SEL0162	2015-08-30
5	4 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T4-02	SEL0163	2015-08-30
6	2 Line ISN	Fischer Custom Communications Inc.	FCC-TLISN-T2-02	SEL0164	2015-08-30
7	EMI Test Receiver	Rohde & Schwarz	ESCI	SEL0022	2015-05-16
8	Coaxial Cable	SGS	N/A	SEL0025	2015-05-29
9	DC Power Supply	Zhao Xin	RXN-305D	SEL0117	2015-10-24
10	Humidity/ Temperature Indicator	Shanghai Qixiang	ZJ1-2B	SEL0103	2015-10-24
11	Barometer	Chang Chun	DYM3	SEL0088	2015-05-16

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RE in Chamber					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Due date (yyyy-mm-dd)
1	3m Semi-Anechoic Chamber	ETS-LINDGREN	N/A	SEL0017	2015-06-10
2	EMI Test Receiver	Agilent Technologies	N9038A	SEL0312	2015-09-16
3	EMI Test software	AUDIX	E3	SEL0050	N/A
4	BiConiLog Antenna (26-3000MHz)	ETS-LINDGREN	3142C	SEL0015	2015-10-24
5	Double-ridged horn (1-18GHz)	ETS-LINDGREN	3117	SEL0006	2015-10-24
6	Horn Antenna (18-26GHz)	ETS-LINDGREN	3160	SEL0076	2015-10-24
7	Pre-amplifier (0.1-1300MHz)	Agilent Technologies	8447D	SEL0053	2015-05-16
8	Pre-Amplifier (0.1-26.5GHz)	Compliance Directions Systems Inc.	PAP-0126	SEL0168	2015-10-24
9	Coaxial cable	SGS	N/A	SEL0027	2015-05-29
10	Coaxial cable	SGS	N/A	SEL0189	2015-05-29
11	Coaxial cable	SGS	N/A	SEL0121	2015-05-29
12	Coaxial cable	SGS	N/A	SEL0178	2015-05-29
13	Band filter	Amindeon	82346	SEL0094	2015-05-16
14	Barometer	Chang Chun	DYM3	SEL0088	2015-05-16
15	DC Power Supply	Zhao Xin	RXN-305D	SEL0117	2015-10-24
16	Humidity/ Temperature Indicator	Shanghai Qixiang	ZJ1-2B	SEL0103	2015-10-24
17	Signal Generator (10M-27GHz)	Rohde & Schwarz	SMR27	SEL0067	2015-05-16
18	Signal Generator	Rohde & Schwarz	SMY01	SEL0155	2015-10-24
19	Loop Antenna	Beijing Daze	ZN30401	SEL0203	2015-06-04

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RF connected test					
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Due date (yyyy-mm-dd)
1	DC Power Supply	Zhao Xin	RXN-305D	SEL0117	2015-10-24
2	Humidity/ Temperature Indicator	HYGRO	ZJ1-2B	SEL0033	2015-10-24
3	Spectrum Analyzer	Rohde & Schwarz	FSP	SEL0154	2015-10-24
4	Coaxial cable	SGS	N/A	SEL0178	2015-05-29
5	Coaxial cable	SGS	N/A	SEL0179	2015-05-29
6	Barometer	ChangChun	DYM3	SEL0088	2015-05-16
7	Signal Generator	Rohde & Schwarz	SML03	SEL0068	2015-05-16
8	Band filter	amideon	82346	SEL0094	2015-05-16
9	POWER METER	R & S	NRVS	SEL0144	2015-10-24
10	Attenuator	Beijin feihang taida	TST-2-6dB	SEL0205	2015-05-16
11	Power Divider(splitter)	Agilent Technologies	11636B	SEL0130	2015-10-24

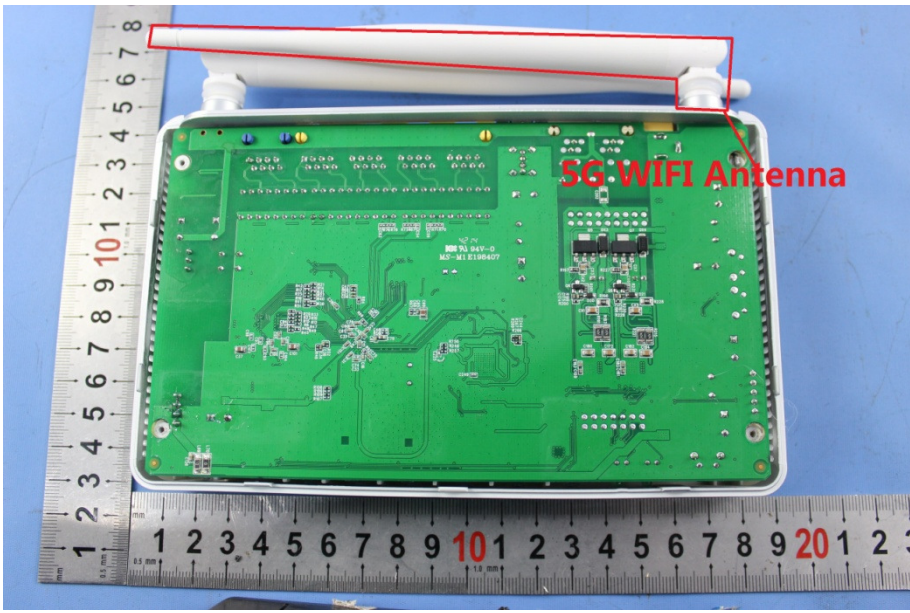
Note: The calibration interval is one year, all the instruments are valid.



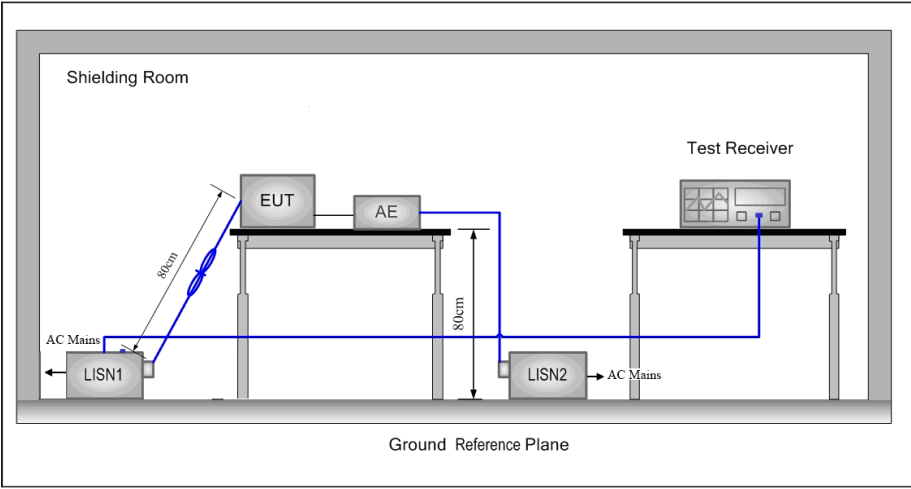
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6 Test results and Measurement Data

6.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
EUT Antenna:	
1) The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is 5dBi;	

6.2 Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207		
Test Method:	ANSI C63.10: 2009		
Test Frequency Range:	150kHz to 30MHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarithm of the frequency.		
Test Procedure:	<ol style="list-style-type: none"> 1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement. 		
Test Setup:			

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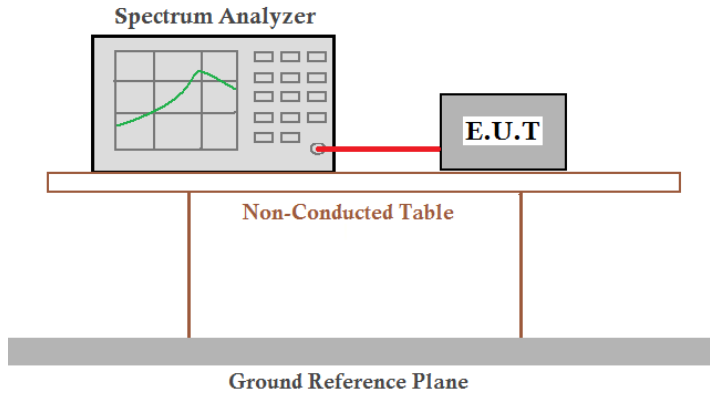
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Exploratory Test Mode:	Ttransmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Through Pre-scan, and found 802.11a at lowest channel is the worst case. Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass
	Remark: Please refer to the Attachment A.

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6.3 Duty Cycle

Test Requirement:	47 CFR Part 15C 15.407 and 789033 D02 General UNII Test Procedures New Rules v01, Section (B)
Test Method:	ANSI C63.10: 2009
Test Setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. The table is supported by two vertical legs and sits on a Ground Reference Plane.</p>
Limit:	N/A
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass
	Remark: Please refer to the Attachment A.

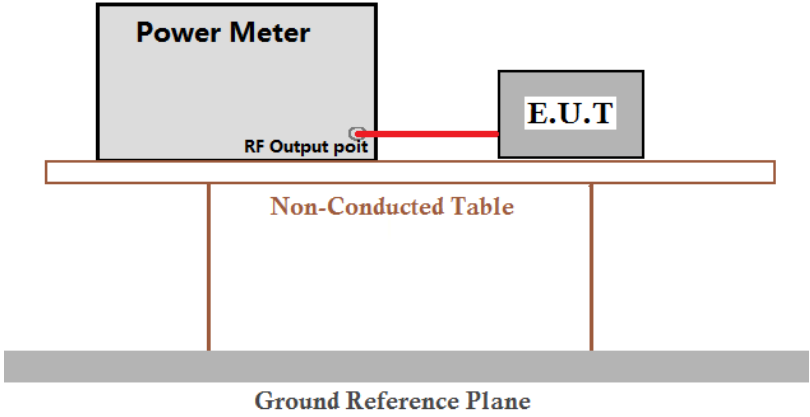


Measurement Data

802.11a mode			
Test channel	On time	Period	Duty Cycle(%)
36	100	100	100
802.11n(HT20) mode			
Test channel	On time	Period	Duty Cycle
36	100	100	100
802.11n(HT40) mode			
Test channel	On time	Period	Duty Cycle
38	100	100	100
802.11ac(HT20) mode			
Test channel	On time	Period	Duty Cycle
36	100	100	100
802.11ac(HT40) mode			
Test channel	On time	Period	Duty Cycle
38	100	100	100
802.11ac(HT80) mode			
Test channel	On time	Period	Duty Cycle
42	100	100	100

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6.4 Conducted Output Power

Test Requirement:	47 CFR Part 15C Section 15.407 (a)
Test Method:	KDB662911 D01 Multiple Transmitter Output v02r01 KDB789033 D02 General UNII Test Procedures New Rules v01 Section E, 3, a
Test Setup:	 <p><i>Remark:</i> Offset the High-Frequency cable loss 1.5dB in the spectrum analyzer.</p>
Test Instruments:	Refer to section 5.10 for details.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, and found the 6Mbps of rate is the worst case of 802.11a, MCSO of rate is the worst case of 802.11n(HT20), MCSO of rate is the worst case of 802.11n(HT40), MCSO of rate is the worst case of 802.11ac(HT20), MCSO of rate is the worst case of 802.11ac(HT40), MCSO of rate is the worst case of 802.11ac(HT80). Only the worst cases were recorded in the report.
Limit:	30dBm
Test Results:	<p>Pass</p> <p>Through Pre-scan, found the Power of Antenna1 is larger than Antenna 2,so only the Antenna 1 test data is show in this report.</p> <p>Remark: 1. Please refer to the Attachment A.3.1 2. Conducted output power= measurement power+10log(1/x) X is duty cycle=1, so 10log(1/1)=0 Conducted output power= measurement power</p>



Measurement Data of band I (5150-5250MHz)

802.11a mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
36	12.20	30.00	Pass
40	11.61	30.00	Pass
48	12.58	30.00	Pass
802.11n(HT20) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
36	11.96	30.00	Pass
40	11.59	30.00	Pass
48	12.58	30.00	Pass
802.11n(HT40) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
38	11.27	30.00	Pass
46	12.03	30.00	Pass
802.11ac(HT20) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
36	11.98	30.00	Pass
40	11.59	30.00	Pass
48	12.55	30.00	Pass
802.11ac(HT40) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
38	11.30	30.00	Pass
46	12.00	30.00	Pass
802.11ac(HT80) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
42	11.72	30.00	Pass

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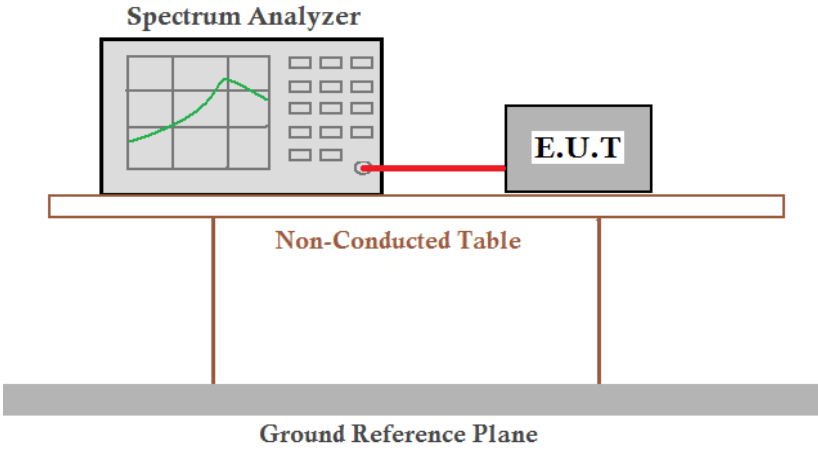


Measurement Data of band IV(5725-5850MHz)

802.11a mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
149	15.33	30.00	Pass
157	14.84	30.00	Pass
165	14.25	30.00	Pass
802.11n(HT20) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
149	15.01	30.00	Pass
157	14.63	30.00	Pass
165	13.97	30.00	Pass
802.11n(HT40) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
151	14.55	30.00	Pass
159	14.06	30.00	Pass
802.11ac(HT20) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
149	14.99	30.00	Pass
157	14.53	30.00	Pass
165	13.91	30.00	Pass
802.11ac(HT40) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
151	14.51	30.00	Pass
159	14.02	30.00	Pass
802.11ac(HT80) mode			
Test channel	Conducted Output Power (dBm)	Limit (dBm)	Result
	Antenna 1		
155	13.98	30.00	Pass

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6.5 26dB Emission Bandwidth and 99% Occupied Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.407 (a)
Test Method:	KDB662911 D01 Multiple Transmitter Output v02r01 KDB789033 D02 General UNII Test Procedures New Rules v01 Section C, 1 and Section D
Test Setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.</p>
Instruments Used:	Refer to section 5.10 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, and found the 6Mbps of rate is the worst case of 802.11a, MCSO of rate is the worst case of 802.11n(HT20), MCSO of rate is the worst case of 802.11n(HT40), MCSO of rate is the worst case of 802.11ac(HT20), MCSO of rate is the worst case of 802.11ac(HT40), MCSO of rate is the worst case of 802.11ac(HT80). Only the worst cases were recorded in the report.
Limit:	No restriction limits
Test Results:	Pass
	Remark: Please refer to the Attachment A.3.3



Measurement Data of band I(5150-5250MHz)

802.11a mode		
Test channel	26dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
36	19.567	16.49
40	19.519	16.49
48	19.712	16.49
802.11n(HT20) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
36	20.192	17.50
40	20.240	17.50
48	20.096	17.50
802.11n(HT40) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
38	40.946	36.30
46	40.946	36.30
802.11ac(HT20) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
36	20.096	17.50
40	20.048	17.50
48	20.096	17.50
802.11ac(HT40) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
38	40.865	36.30
46	41.106	36.22
802.11ac(HT80) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
42	82.067	75.00



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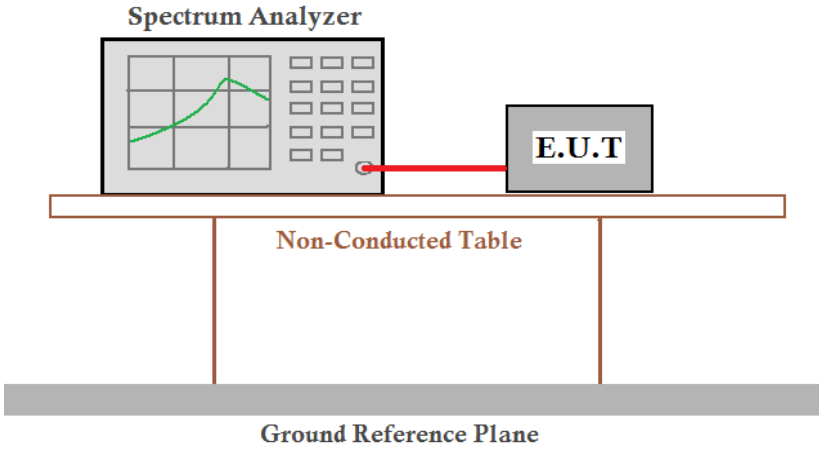


Measurement Data of band IV(5725-5850MHz)

802.11a mode		
Test channel	26dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
149	19.567	16.49
157	19.615	16.49
165	19.567	16.49
802.11n(HT20) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
149	20.048	17.50
157	20.144	17.50
165	20.288	17.50
802.11n(HT40) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
151	41.106	36.30
159	41.106	36.30
802.11ac(HT20) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
149	20.048	17.50
157	20.048	17.50
165	20.00	17.50
802.11ac(HT40) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
151	41.346	36.22
159	41.026	36.30
802.11ac(HT80) mode		
Test channel	26dB Occupy Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
155	81.635	74.86

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6.6 6dB Emission Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.407 (e)
Test Method:	KDB662911 D01 Multiple Transmitter Output v02r01 KDB789033 D02 General UNII Test Procedures New Rules v01 Section C, 2
Test Setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.</p>
Instruments Used:	Refer to section 5.10 for details.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, and found the 6Mbps of rate is the worst case of 802.11a, MCSO of rate is the worst case of 802.11n(HT20), MCSO of rate is the worst case of 802.11n(HT40), MCSO of rate is the worst case of 802.11ac(HT20), MCSO of rate is the worst case of 802.11ac(HT40), MCSO of rate is the worst case of 802.11ac(HT80). Only the worst cases were recorded in the report.
Limit:	≥ 500 kHz
Test Results:	Pass Remark: Please refer to the Attachment A.3.4

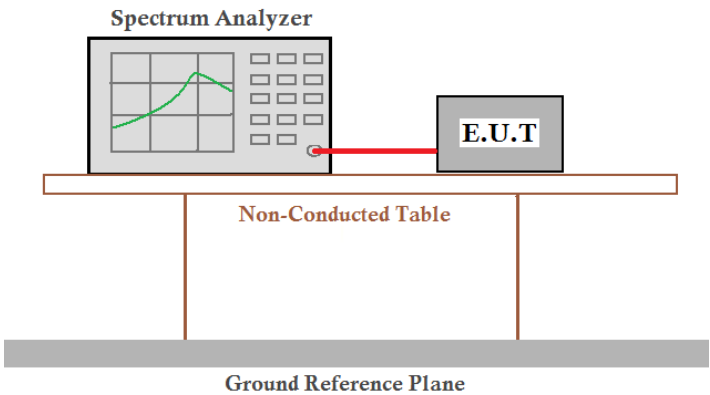


Measurement Data of band IV(5725-5850MHz)

802.11a mode			
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result
149	16.587	≥500	Pass
157	16.587	≥500	Pass
165	16.587	≥500	Pass
802.11n(HT20) mode			
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result
149	17.788	≥500	Pass
157	17.788	≥500	Pass
165	17.740	≥500	Pass
802.11n(HT40) mode			
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result
151	36.699	≥500	Pass
159	36.683	≥500	Pass
802.11ac(HT20)mode			
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result
149	17.788	≥500	Pass
157	17.788	≥500	Pass
165	17.740	≥500	Pass
802.11ac(HT40)mode			
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result
151	36.699	≥500	Pass
159	36.683	≥500	Pass
802.11ac(HT80)mode			
Test channel	6dB Occupy Bandwidth (MHz)	Limit (kHz)	Result
155	75.721	≥500	Pass

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6.7 Power Spectral Density

Test Requirement:	47 CFR Part 15C Section 15.407 (a)
Test Method:	KDB662911 D01 Multiple Transmitter Output v02r01 KDB789033 D02 General UNII Test Procedures New Rules v01, Section F
Test Setup:	 <p><i>Remark:</i> <i>Offset the High-Frequency cable loss 1.5dB in the spectrum analyzer.</i></p>
Test Instruments:	Refer to section 5.10 for details.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, and found the 6Mbps of rate is the worst case of 802.11a, MCSO of rate is the worst case of 802.11n(HT20), MCSO of rate is the worst case of 802.11n(HT40), MCSO of rate is the worst case of 802.11ac(HT20), MCSO of rate is the worst case of 802.11ac(HT40), MCSO of rate is the worst case of 802.11ac(HT80). Only the worst cases were recorded in the report.
Limit:	≤17.00dBm/MHz for Operation in the band I(5150MHz-5250MHz)of device ≤30.00dBm/500KHz for Operation in the band IV(5725MHz-5850MHz)of device
Test Results:	Pass Remark: Please refer to the Attachment A.3.5 Through Pre-scan, found the Power Spectral Density of Antenna1 is larger than Antenna 2,so only the Antenna 1 test data is show in this report.



Measurement Data of Band I (5150-5250MHz)

802.11a mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
36	9.41	≤17.00/MHz	Pass
40	9.49	≤17.00/MHz	Pass
48	10.48	≤17.00/MHz	Pass
802.11n(HT20) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
36	9.67	≤17.00/MHz	Pass
40	9.32	≤17.00/MHz	Pass
48	10.29	≤17.00/MHz	Pass
802.11n(HT40) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
38	5.66	≤17.00/MHz	Pass
46	6.41	≤17.00/MHz	Pass
802.11ac(HT20) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna		
36	9.67	≤17.00/MHz	Pass
40	9.27	≤17.00/MHz	Pass
48	10.27	≤17.00/MHz	Pass
802.11ac(HT40) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
38	5.77	≤17.00/MHz	Pass
46	6.36	≤17.00/MHz	Pass
802.11ac(HT80) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
42	2.64	≤17.00/MHz	Pass

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Measurement Data of Band IV (5725-5850MHz)

802.11a mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
36	12.38	≤30.00dBm/500KHz	Pass
40	12.03	≤30.00dBm/500KHz	Pass
48	12.07	≤30.00dBm/500KHz	Pass
802.11n(HT20) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
36	12.65	≤30.00dBm/500KHz	Pass
40	12.11	≤30.00dBm/500KHz	Pass
48	11.49	≤30.00dBm/500KHz	Pass
802.11n(HT40) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
38	8.75	≤30.00dBm/500KHz	Pass
46	8.36	≤30.00dBm/500KHz	Pass
802.11ac(HT20) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
36	12.57	≤30.00dBm/500KHz	Pass
40	12.16	≤30.00dBm/500KHz	Pass
48	11.47	≤30.00dBm/500KHz	Pass
802.11ac(HT40) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
38	8.79	≤30.00dBm/500KHz	Pass
46	8.33	≤30.00dBm/500KHz	Pass
802.11ac(HT80) mode			
Test channel	Power Spectral Density (dBm)	Limit (dBm)	Result
	Antenna 1		
42	6.18	≤30.00dBm/500KHz	Pass

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6.8 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.407 (b) and 15.205 and 15.209				
Test Method:	ANSI C63.10 2009				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
Peak		1MHz	10Hz	Average	
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.					

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Test Setup:

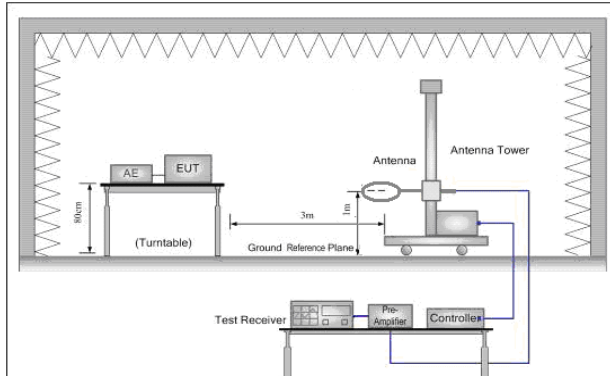


Figure 1. Below 30MHz

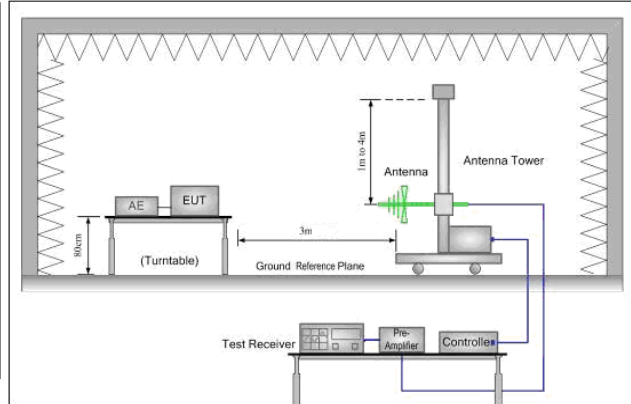


Figure 2. 30MHz to 1GHz

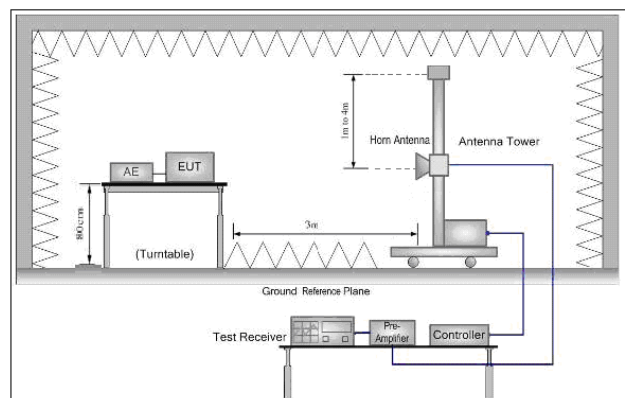


Figure 3. Above 1 GHz

Test Procedure:

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel ,the middle channel ,the Highest



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	channel h. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80). Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass
	Remark: Please refer to the Attachment A. 3.6.1

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6.8.1 Transmitter emission above 1GHz

F12W3-120100SPAU									
Test mode:		802.11a		Test channel:		36		Remark:	Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
3759.831	6.82	33.12	38.85	46.20	47.29	74	-26.71	Vertical	
4805.903	6.42	34.71	39.24	46.70	48.59	74	-25.41	Vertical	
5748.972	7.69	35.79	39.21	48.75	53.02	74	-20.98	Vertical	
8435.572	9.60	35.83	38.69	44.47	51.21	74	-22.79	Vertical	
10360.000	9.92	37.13	37.89	44.20	53.36	74	-20.64	Vertical	
15540.000	12.97	39.38	41.17	41.43	52.61	74	-21.39	Vertical	
3800.469	6.80	33.15	38.87	47.83	48.91	74	-25.09	Horizontal	
4963.428	6.76	34.86	39.29	48.80	51.13	74	-22.87	Horizontal	
8345.370	9.57	35.82	38.75	46.19	52.83	74	-21.17	Horizontal	
9735.688	9.92	37.72	37.86	43.56	53.34	74	-20.66	Horizontal	
10360.000	9.92	37.13	37.89	41.96	51.12	74	-22.88	Horizontal	
15540.000	12.97	39.38	41.17	40.94	52.12	74	-21.88	Horizontal	

Test mode:		802.11a		Test channel:		40		Remark:	Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization	
3499.792	6.97	32.89	38.74	48.45	49.57	74	-24.43	Vertical	
4354.885	6.00	34.20	39.08	49.83	50.95	74	-23.05	Vertical	
6587.637	8.09	35.73	39.12	48.21	52.91	74	-21.09	Vertical	
8080.512	9.45	35.82	38.94	44.86	51.19	74	-22.81	Vertical	
10400.000	9.94	37.02	37.92	43.62	52.66	74	-21.34	Vertical	
15600.000	12.97	39.50	41.19	41.42	52.70	74	-21.30	Vertical	
3706.322	6.85	33.08	38.83	47.83	48.93	74	-25.07	Horizontal	
5017.076	6.86	34.90	39.30	48.38	50.84	74	-23.16	Horizontal	
7414.599	9.20	35.42	39.05	44.15	49.72	74	-24.28	Horizontal	
8330.431	9.56	35.82	38.76	44.52	51.14	74	-22.86	Horizontal	
10400.000	9.94	37.02	37.92	43.57	52.61	74	-21.39	Horizontal	
15600.000	12.97	39.50	41.19	41.33	52.61	74	-21.39	Horizontal	

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Test mode:		802.11a		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3364.519	7.23	32.69	38.68	47.95	49.19	74	-24.81	Vertical		
4097.506	6.49	33.74	38.99	48.46	49.70	74	-24.30	Vertical		
4999.129	6.84	34.90	39.30	49.78	52.22	74	-21.78	Vertical		
8080.512	9.45	35.82	38.94	44.48	50.81	74	-23.19	Vertical		
10480.000	9.97	37.30	37.96	43.18	52.49	74	-21.51	Vertical		
15720.000	12.96	39.74	41.23	40.02	51.49	74	-22.51	Vertical		
3376.597	7.21	32.72	38.69	48.12	49.36	74	-24.64	Horizontal		
4039.191	6.61	33.60	38.97	48.72	49.96	74	-24.04	Horizontal		
8109.521	9.47	35.83	38.92	44.46	50.84	74	-23.16	Horizontal		
8853.696	9.72	35.97	38.41	43.90	51.18	74	-22.82	Horizontal		
10480.000	9.97	37.30	37.96	42.20	51.51	74	-22.49	Horizontal		
15720.000	12.96	39.74	41.23	40.91	52.38	74	-21.62	Horizontal		

Test mode:		802.11a		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3413.093	7.13	32.79	38.70	47.72	48.94	74	-25.06	Vertical		
4737.506	6.27	34.66	39.22	48.60	50.31	74	-23.69	Vertical		
7282.930	9.02	35.55	39.06	47.39	52.90	74	-21.10	Vertical		
9562.801	10.01	37.23	37.96	43.82	53.10	74	-20.90	Vertical		
11490.000	10.39	38.22	38.46	43.02	53.17	74	-20.83	Vertical		
17235.000	16.31	41.01	41.69	36.61	52.24	74	-21.76	Vertical		
3364.519	7.23	32.69	38.68	47.95	49.19	74	-24.81	Horizontal		
4729.026	6.25	34.66	39.21	48.78	50.48	74	-23.52	Horizontal		
7685.120	9.35	35.56	39.03	47.42	53.30	74	-20.70	Horizontal		
9259.305	9.91	36.64	38.15	43.85	52.25	74	-21.75	Horizontal		
11490.000	10.39	38.22	38.46	41.88	52.03	74	-21.97	Horizontal		
17235.000	16.31	41.01	41.69	37.64	53.27	74	-20.73	Horizontal		

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Test mode:		802.11a		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3512.356	6.96	32.91	38.75	47.75	48.87	74	-25.13	Vertical		
4670.083	6.12	34.62	39.19	48.67	50.22	74	-23.78	Vertical		
7782.116	9.37	35.64	39.02	46.72	52.71	74	-21.29	Vertical		
9443.610	10.02	37.02	38.03	43.16	52.17	74	-21.83	Vertical		
11570.000	10.42	38.28	38.50	42.51	52.71	74	-21.29	Vertical		
17355.000	16.08	40.96	41.72	36.71	52.03	74	-21.97	Vertical		
3413.093	7.13	32.79	38.70	49.36	50.58	74	-23.42	Horizontal		
4703.674	6.20	34.64	39.20	49.77	51.41	74	-22.59	Horizontal		
7712.709	9.36	35.58	39.02	47.14	53.06	74	-20.94	Horizontal		
9443.610	10.02	37.02	38.03	43.76	52.77	74	-21.23	Horizontal		
11570.000	10.42	38.28	38.50	42.06	52.26	74	-21.74	Horizontal		
17355.000	16.08	40.96	41.72	37.80	53.12	74	-20.88	Horizontal		

Test mode:		802.11a		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3228.683	7.50	32.33	38.62	47.11	48.32	74	-25.68	Vertical		
4695.254	6.18	34.64	39.20	48.80	50.42	74	-23.58	Vertical		
7685.120	9.35	35.56	39.03	47.18	53.06	74	-20.94	Vertical		
9193.181	9.87	36.49	38.19	44.14	52.31	74	-21.69	Vertical		
11650.000	10.46	38.35	38.54	42.11	52.38	74	-21.62	Vertical		
17475.000	15.86	40.91	41.75	37.87	52.89	74	-21.11	Vertical		
3269.434	7.42	32.44	38.63	46.53	47.76	74	-26.24	Horizontal		
4578.940	5.91	34.55	39.16	47.32	48.62	74	-25.38	Horizontal		
7754.279	9.37	35.62	39.02	47.12	53.09	74	-20.91	Horizontal		
9029.928	9.78	36.08	38.29	46.42	53.99	74	-20.01	Horizontal		
11650.000	10.46	38.35	38.54	43.33	53.60	74	-20.40	Horizontal		
17475.000	15.86	40.91	41.75	37.63	52.65	74	-21.35	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3334.511	7.29	32.61	38.67	47.07	48.30	74	-25.70	Vertical		
3988.846	6.70	33.48	38.95	46.93	48.16	74	-25.84	Vertical		
5135.310	6.96	34.87	39.28	48.00	50.55	74	-23.45	Vertical		
8197.173	9.50	35.85	38.86	42.91	49.40	74	-24.60	Vertical		
10360.000	9.92	37.13	37.89	42.34	51.50	74	-22.50	Vertical		
15540.000	12.97	39.38	41.17	41.94	53.12	74	-20.88	Vertical		
3310.698	7.33	32.55	38.65	46.62	47.85	74	-26.15	Horizontal		
3910.999	6.74	33.35	38.92	46.98	48.15	74	-25.85	Horizontal		
4595.378	5.95	34.57	39.17	48.66	50.01	74	-23.99	Horizontal		
8153.229	9.49	35.84	38.89	44.14	50.58	74	-23.42	Horizontal		
10360.000	9.92	37.13	37.89	42.54	51.70	74	-22.30	Horizontal		
15540.000	12.97	39.38	41.17	42.51	53.69	74	-20.31	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3310.698	7.33	32.55	38.65	46.88	48.11	74	-25.89	Vertical		
4216.674	6.26	34.00	39.03	47.22	48.45	74	-25.55	Vertical		
4866.560	6.56	34.77	39.26	47.77	49.84	74	-24.16	Vertical		
8153.229	9.49	35.84	38.89	43.23	49.67	74	-24.33	Vertical		
10400.000	9.94	37.02	37.92	43.79	52.83	74	-21.17	Vertical		
15600.000	12.97	39.50	41.19	41.29	52.57	74	-21.43	Vertical		
3316.635	7.32	32.56	38.66	45.76	46.98	74	-27.02	Horizontal		
3981.706	6.70	33.47	38.94	46.69	47.92	74	-26.08	Horizontal		
4857.848	6.54	34.76	39.25	47.15	49.20	74	-24.80	Horizontal		
8138.634	9.48	35.83	38.90	43.26	49.67	74	-24.33	Horizontal		
10400.000	9.94	37.02	37.92	43.16	52.20	74	-21.80	Horizontal		
15600.000	12.97	39.50	41.19	41.38	52.66	74	-21.34	Horizontal		

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Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3269.434	7.42	32.44	38.63	45.58	46.81	74	-27.19	Vertical		
4216.674	6.26	34.00	39.03	45.95	47.18	74	-26.82	Vertical		
5135.310	6.96	34.87	39.28	47.03	49.58	74	-24.42	Vertical		
8182.499	9.50	35.85	38.87	42.19	48.67	74	-25.33	Vertical		
10480.000	9.97	37.30	37.96	43.21	52.52	74	-21.48	Vertical		
15720.000	12.96	39.74	41.23	42.12	53.59	74	-20.41	Vertical		
3334.511	7.29	32.61	38.67	45.44	46.67	74	-27.33	Horizontal		
4239.400	6.22	34.04	39.04	45.76	46.98	74	-27.02	Horizontal		
5144.519	6.97	34.86	39.28	47.03	49.58	74	-24.42	Horizontal		
8066.047	9.45	35.82	38.95	43.28	49.60	74	-24.40	Horizontal		
10480.000	9.97	37.30	37.96	41.98	51.29	74	-22.71	Horizontal		
15720.000	12.96	39.74	41.23	41.01	52.48	74	-21.52	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3425.346	7.11	32.81	38.71	45.62	46.83	74	-27.17	Vertical		
4703.674	6.20	34.64	39.20	46.53	48.17	74	-25.83	Vertical		
7685.120	9.35	35.56	39.03	44.71	50.59	74	-23.41	Vertical		
9511.536	10.04	37.14	37.99	42.09	51.28	74	-22.72	Vertical		
11490.000	10.39	38.22	38.46	41.60	51.75	74	-22.25	Vertical		
17235.000	16.31	41.01	41.69	36.76	52.39	74	-21.61	Vertical		
3524.966	6.96	32.92	38.75	45.27	46.40	74	-27.60	Horizontal		
4661.723	6.10	34.62	39.19	46.99	48.52	74	-25.48	Horizontal		
7796.073	9.38	35.66	39.02	46.01	52.03	74	-21.97	Horizontal		
9700.862	9.94	37.61	37.88	43.27	52.94	74	-21.06	Horizontal		
11490.000	10.39	38.22	38.46	41.27	51.42	74	-22.58	Horizontal		
17235.000	16.31	41.01	41.69	38.09	53.72	74	-20.28	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3543.964	6.94	32.94	38.76	47.20	48.32	74	-25.68	Vertical		
4831.806	6.48	34.73	39.25	47.96	49.92	74	-24.08	Vertical		
7908.627	9.40	35.74	39.01	42.76	48.89	74	-25.11	Vertical		
9292.546	9.93	36.71	38.13	42.71	51.22	74	-22.78	Vertical		
11570.000	10.42	38.28	38.50	42.98	53.18	74	-20.82	Vertical		
17355.000	16.08	40.96	41.72	37.55	52.87	74	-21.13	Vertical		
3406.983	7.15	32.79	38.70	46.39	47.63	74	-26.37	Horizontal		
4703.674	6.20	34.64	39.20	47.24	48.88	74	-25.12	Horizontal		
7852.148	9.39	35.70	39.01	43.08	49.16	74	-24.84	Horizontal		
9309.210	9.94	36.75	38.12	42.31	50.88	74	-23.12	Horizontal		
11570.000	10.42	38.28	38.50	41.96	52.16	74	-21.84	Horizontal		
17355.000	16.08	40.96	41.72	37.53	52.85	74	-21.15	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3246.085	7.46	32.38	38.62	46.67	47.89	74	-26.11	Vertical		
4570.743	5.89	34.53	39.16	47.50	48.76	74	-25.24	Vertical		
7866.230	9.39	35.71	39.01	43.06	49.15	74	-24.85	Vertical		
9494.509	10.05	37.11	38.00	43.48	52.64	74	-21.36	Vertical		
11650.000	10.46	38.35	38.54	42.12	52.39	74	-21.61	Vertical		
17475.000	15.86	40.91	41.75	37.10	52.12	74	-21.88	Vertical		
3358.496	7.24	32.67	38.68	46.51	47.74	74	-26.26	Horizontal		
4628.432	6.03	34.60	39.18	47.85	49.30	74	-24.70	Horizontal		
7685.120	9.35	35.56	39.03	46.30	52.18	74	-21.82	Horizontal		
9176.724	9.86	36.45	38.20	43.15	51.26	74	-22.74	Horizontal		
11650.000	10.46	38.35	38.54	42.29	52.56	74	-21.44	Horizontal		
17475.000	15.86	40.91	41.75	38.31	53.33	74	-20.67	Horizontal		

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Test mode:		802.11n(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3328.542	7.30	32.59	38.66	45.83	47.06	74	-26.94	Vertical		
3946.194	6.72	33.41	38.93	45.21	46.41	74	-27.59	Vertical		
4814.522	6.44	34.71	39.24	46.80	48.71	74	-25.29	Vertical		
8124.064	9.47	35.83	38.91	43.06	49.45	74	-24.55	Vertical		
10380.000	9.93	37.07	37.90	43.21	52.31	74	-21.69	Vertical		
15570.000	12.97	39.44	41.18	41.66	52.89	74	-21.11	Vertical		
3620.989	6.90	33.02	38.79	43.17	44.30	74	-29.70	Horizontal		
4546.240	5.84	34.50	39.15	44.03	45.22	74	-28.78	Horizontal		
5200.124	7.02	34.85	39.27	44.86	47.46	74	-26.54	Horizontal		
8182.499	9.50	35.85	38.87	40.92	47.40	74	-26.60	Horizontal		
10380.000	9.93	37.07	37.90	41.73	50.83	74	-23.17	Horizontal		
15570.000	12.97	39.44	41.18	40.66	51.89	74	-22.11	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization		
3588.694	6.92	32.99	38.78	46.20	47.33	74	-26.67	Vertical		
4231.812	6.23	34.03	39.04	46.65	47.87	74	-26.13	Vertical		
5116.940	6.95	34.87	39.29	47.36	49.89	74	-24.11	Vertical		
8618.910	9.66	35.91	38.57	39.98	46.98	74	-27.02	Vertical		
10460.000	9.96	37.23	37.95	42.96	52.20	74	-21.80	Vertical		
15690.000	12.96	39.68	41.22	41.72	53.14	74	-20.86	Vertical		
3328.542	7.30	32.59	38.66	46.48	47.71	74	-26.29	Horizontal		
4216.674	6.26	34.00	39.03	47.14	48.37	74	-25.63	Horizontal		
4840.471	6.50	34.74	39.25	47.87	49.86	74	-24.14	Horizontal		
8315.519	9.55	35.83	38.77	43.41	50.02	74	-23.98	Horizontal		
10460.000	9.96	37.23	37.95	42.28	51.52	74	-22.48	Horizontal		
15690.000	12.96	39.68	41.22	41.01	52.43	74	-21.57	Horizontal		

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Test mode:		802.11n(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3449.984	7.06	32.84	38.72	46.21	47.39	74	-26.61	Vertical		
4754.514	6.31	34.67	39.22	46.49	48.25	74	-25.75	Vertical		
7824.060	9.38	35.68	39.01	44.33	50.38	74	-23.62	Vertical		
9392.984	9.99	36.93	38.06	42.06	50.92	74	-23.08	Vertical		
11510.000	10.39	38.23	38.47	42.25	52.40	74	-21.60	Vertical		
17265.000	16.25	40.99	41.69	36.97	52.52	74	-21.48	Vertical		
3376.597	7.21	32.72	38.69	47.24	48.48	74	-25.52	Horizontal		
4695.254	6.18	34.64	39.20	48.80	50.42	74	-23.58	Horizontal		
7852.148	9.39	35.70	39.01	44.19	50.27	74	-23.73	Horizontal		
9494.509	10.05	37.11	38.00	43.96	53.12	74	-20.88	Horizontal		
11510.000	10.39	38.23	38.47	42.17	52.32	74	-21.68	Horizontal		
17265.000	16.25	40.99	41.69	36.65	52.20	74	-21.80	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3588.694	6.92	32.99	38.78	45.96	47.09	74	-26.91	Vertical		
4562.561	5.88	34.52	39.16	46.22	47.46	74	-26.54	Vertical		
7374.850	9.15	35.45	39.05	44.99	50.54	74	-23.46	Vertical		
9511.536	10.04	37.14	37.99	43.03	52.22	74	-21.78	Vertical		
11590.000	10.43	38.29	38.51	42.74	52.95	74	-21.05	Vertical		
17385.000	16.03	40.95	41.73	37.60	52.85	74	-21.15	Vertical		
3449.984	7.06	32.84	38.72	47.64	48.82	74	-25.18	Horizontal		
4670.083	6.12	34.62	39.19	47.88	49.43	74	-24.57	Horizontal		
7852.148	9.39	35.70	39.01	43.75	49.83	74	-24.17	Horizontal		
9545.682	10.02	37.20	37.97	43.04	52.29	74	-21.71	Horizontal		
11590.000	10.43	38.29	38.51	41.83	52.04	74	-21.96	Horizontal		
17385.000	16.03	40.95	41.73	36.90	52.15	74	-21.85	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3310.698	7.33	32.55	38.65	45.87	47.10	74	-26.90	Vertical		
3932.078	6.73	33.38	38.92	46.10	47.29	74	-26.71	Vertical		
5107.780	6.94	34.87	39.29	46.54	49.06	74	-24.94	Vertical		
8649.852	9.67	35.92	38.54	39.70	46.75	74	-27.25	Vertical		
10360.000	9.92	37.13	37.89	43.19	52.35	74	-21.65	Vertical		
15540.000	12.97	39.38	41.17	40.89	52.07	74	-21.93	Vertical		
3298.855	7.36	32.52	38.65	45.45	46.68	74	-27.32	Horizontal		
3910.999	6.74	33.35	38.92	45.62	46.79	74	-27.21	Horizontal		
4505.693	5.74	34.43	39.14	47.00	48.03	74	-25.97	Horizontal		
8588.079	9.65	35.90	38.59	40.34	47.30	74	-26.70	Horizontal		
10360.000	9.92	37.13	37.89	43.43	52.59	74	-21.41	Horizontal		
15540.000	12.97	39.38	41.17	40.41	51.59	74	-22.41	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3310.698	7.33	32.55	38.65	44.79	46.02	74	-27.98	Vertical		
3946.194	6.72	33.41	38.93	45.31	46.51	74	-27.49	Vertical		
4857.848	6.54	34.76	39.25	45.97	48.02	74	-25.98	Vertical		
8211.874	9.51	35.85	38.85	41.68	48.19	74	-25.81	Vertical		
10400.000	9.94	37.02	37.92	43.06	52.10	74	-21.90	Vertical		
15600.000	12.97	39.50	41.19	40.76	52.04	74	-21.96	Vertical		
3292.950	7.37	32.50	38.65	45.08	46.30	74	-27.70	Horizontal		
4231.812	6.23	34.03	39.04	45.67	46.89	74	-27.11	Horizontal		
5448.107	7.24	34.94	39.25	47.64	50.57	74	-23.43	Horizontal		
8981.520	9.76	36.00	38.33	42.17	49.60	74	-24.40	Horizontal		
10400.000	9.94	37.02	37.92	42.28	51.32	74	-22.68	Horizontal		
15600.000	12.97	39.50	41.19	40.75	52.03	74	-21.97	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3292.950	7.37	32.50	38.65	45.54	46.76	74	-27.24	Vertical		
3939.129	6.72	33.40	38.93	45.73	46.92	74	-27.08	Vertical		
4866.560	6.56	34.77	39.26	46.05	48.12	74	-25.88	Vertical		
8109.521	9.47	35.83	38.92	43.79	50.17	74	-23.83	Vertical		
10480.000	9.97	37.30	37.96	40.09	49.40	74	-24.60	Vertical		
15720.000	12.96	39.74	41.23	40.63	52.10	74	-21.90	Vertical		
3328.542	7.30	32.59	38.66	46.14	47.37	74	-26.63	Horizontal		
3960.360	6.71	33.43	38.93	45.29	46.50	74	-27.50	Horizontal		
4857.848	6.54	34.76	39.25	46.51	48.56	74	-25.44	Horizontal		
8109.521	9.47	35.83	38.92	44.84	51.22	74	-22.78	Horizontal		
10480.000	9.97	37.30	37.96	42.30	51.61	74	-22.39	Horizontal		
15720.000	12.96	39.74	41.23	40.75	52.22	74	-21.78	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3263.581	7.43	32.42	38.63	45.47	46.69	74	-27.31	Vertical		
4546.240	5.84	34.50	39.15	46.71	47.90	74	-26.10	Vertical		
6552.321	8.04	35.75	39.13	49.04	53.70	74	-20.30	Vertical		
8790.468	9.71	35.96	38.45	43.71	50.93	74	-23.07	Vertical		
11490.000	10.39	38.22	38.46	41.97	52.12	74	-21.88	Vertical		
17235.000	16.31	41.01	41.69	36.75	52.38	74	-21.62	Vertical		
3419.214	7.12	32.80	38.70	46.48	47.70	74	-26.30	Horizontal		
4703.674	6.20	34.64	39.20	47.72	49.36	74	-24.64	Horizontal		
7685.120	9.35	35.56	39.03	46.29	52.17	74	-21.83	Horizontal		
9494.509	10.05	37.11	38.00	42.48	51.64	74	-22.36	Horizontal		
11490.000	10.39	38.22	38.46	42.31	52.46	74	-21.54	Horizontal		
17235.000	16.31	41.01	41.69	37.27	52.90	74	-21.10	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3449.984	7.06	32.84	38.72	46.86	48.04	74	-25.96	Vertical		
4729.026	6.25	34.66	39.21	47.61	49.31	74	-24.69	Vertical		
7348.469	9.11	35.48	39.05	45.70	51.24	74	-22.76	Vertical		
9545.682	10.02	37.20	37.97	43.26	52.51	74	-21.49	Vertical		
11570.000	10.42	38.28	38.50	41.12	51.32	74	-22.68	Vertical		
17355.000	16.08	40.96	41.72	37.51	52.83	74	-21.17	Vertical		
3537.620	6.95	32.93	38.76	46.10	47.22	74	-26.78	Horizontal		
4831.806	6.48	34.73	39.25	46.68	48.64	74	-25.36	Horizontal		
7657.630	9.35	35.53	39.03	44.85	50.70	74	-23.30	Horizontal		
9562.801	10.01	37.23	37.96	43.38	52.66	74	-21.34	Horizontal		
11570.000	10.42	38.28	38.50	42.39	52.59	74	-21.41	Horizontal		
17355.000	16.08	40.96	41.72	37.76	53.08	74	-20.92	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3462.369	7.04	32.85	38.72	45.55	46.72	74	-27.28	Vertical		
4780.140	6.37	34.69	39.23	47.20	49.03	74	-24.97	Vertical		
7782.116	9.37	35.64	39.02	45.72	51.71	74	-22.29	Vertical		
9579.950	10.00	37.26	37.95	43.48	52.79	74	-21.21	Vertical		
11650.000	10.46	38.35	38.54	42.71	52.98	74	-21.02	Vertical		
17475.000	15.86	40.91	41.75	37.09	52.11	74	-21.89	Vertical		
3582.269	6.92	32.98	38.78	45.32	46.44	74	-27.56	Horizontal		
4670.083	6.12	34.62	39.19	47.89	49.44	74	-24.56	Horizontal		
7322.183	9.08	35.50	39.06	46.11	51.63	74	-22.37	Horizontal		
9460.546	10.03	37.05	38.02	44.23	53.29	74	-20.71	Horizontal		
11650.000	10.46	38.35	38.54	42.59	52.86	74	-21.14	Horizontal		
17475.000	15.86	40.91	41.75	37.32	52.34	74	-21.66	Horizontal		



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Test mode:		802.11ac(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3719.627	6.84	33.09	38.84	47.99	49.08	74	-24.92	Vertical		
4521.868	5.78	34.46	39.14	47.35	48.45	74	-25.55	Vertical		
5399.517	7.19	34.78	39.25	48.38	51.10	74	-22.90	Vertical		
8285.772	9.54	35.83	38.80	42.28	48.85	74	-25.15	Vertical		
10380.000	9.93	37.07	37.90	42.09	51.19	74	-22.81	Vertical		
15570.000	12.97	39.44	41.18	41.16	52.39	74	-21.61	Vertical		
3413.093	7.13	32.79	38.70	47.72	48.94	74	-25.06	Horizontal		
4262.250	6.17	34.07	39.05	46.98	48.17	74	-25.83	Horizontal		
5116.940	6.95	34.87	39.29	46.53	49.06	74	-24.94	Horizontal		
7965.512	9.41	35.78	39.00	41.48	47.67	74	-26.33	Horizontal		
10380.000	9.93	37.07	37.90	41.38	50.48	74	-23.52	Horizontal		
15570.000	12.97	39.44	41.18	40.92	52.15	74	-21.85	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3304.771	7.35	32.53	38.65	45.52	46.75	74	-27.25	Vertical		
3918.012	6.73	33.36	38.92	46.23	47.40	74	-26.60	Vertical		
5107.780	6.94	34.87	39.29	46.54	49.06	74	-24.94	Vertical		
8649.852	9.67	35.92	38.54	39.29	46.34	74	-27.66	Vertical		
10420.000	9.95	37.09	37.93	42.80	51.91	74	-22.09	Vertical		
15630.000	12.97	39.56	41.20	41.55	52.88	74	-21.12	Vertical		
3316.635	7.32	32.56	38.66	46.57	47.79	74	-26.21	Horizontal		
4216.674	6.26	34.00	39.03	47.22	48.45	74	-25.55	Horizontal		
5144.519	6.97	34.86	39.28	47.55	50.10	74	-23.90	Horizontal		
8680.904	9.68	35.93	38.52	40.98	48.07	74	-25.93	Horizontal		
10420.000	9.95	37.09	37.93	43.36	52.47	74	-21.53	Horizontal		
15630.000	12.97	39.56	41.20	41.37	52.70	74	-21.30	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3462.369	7.04	32.85	38.72	49.14	50.31	74	-23.69	Vertical		
4919.161	6.67	34.82	39.27	48.41	50.63	74	-23.37	Vertical		
7521.645	9.31	35.46	39.04	46.34	52.07	74	-21.93	Vertical		
9477.513	10.04	37.08	38.01	44.20	53.31	74	-20.69	Vertical		
11510.000	10.39	38.23	38.47	42.13	52.28	74	-21.72	Vertical		
17265.000	16.25	40.99	41.69	37.31	52.86	74	-21.14	Vertical		
3468.578	7.03	32.86	38.73	46.80	47.96	74	-26.04	Horizontal		
4754.514	6.31	34.67	39.22	47.38	49.14	74	-24.86	Horizontal		
7824.060	9.38	35.68	39.01	45.66	51.71	74	-22.29	Horizontal		
9562.801	10.01	37.23	37.96	43.82	53.10	74	-20.90	Horizontal		
11510.000	10.39	38.23	38.47	43.02	53.17	74	-20.83	Horizontal		
17265.000	16.25	40.99	41.69	36.92	52.47	74	-21.53	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3537.620	6.95	32.93	38.76	47.13	48.25	74	-25.75	Vertical		
4814.522	6.44	34.71	39.24	47.70	49.61	74	-24.39	Vertical		
8022.806	9.43	35.81	38.98	44.09	50.35	74	-23.65	Vertical		
9494.509	10.05	37.11	38.00	42.97	52.13	74	-21.87	Vertical		
11590.000	10.43	38.29	38.51	41.74	51.95	74	-22.05	Vertical		
17385.000	16.03	40.95	41.73	37.27	52.52	74	-21.48	Vertical		
3388.719	7.18	32.75	38.69	47.42	48.66	74	-25.34	Horizontal		
4763.041	6.33	34.68	39.22	47.59	49.38	74	-24.62	Horizontal		
8138.634	9.48	35.83	38.90	43.89	50.30	74	-23.70	Horizontal		
9494.509	10.05	37.11	38.00	43.47	52.63	74	-21.37	Horizontal		
11590.000	10.43	38.29	38.51	41.91	52.12	74	-21.88	Horizontal		
17385.000	16.03	40.95	41.73	37.45	52.70	74	-21.30	Horizontal		

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Test mode:		802.11ac(HT80)		Test channel:		42		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3563.065	6.93	32.96	38.77	45.37	46.49	74	-27.51	Vertical		
4401.955	5.91	34.26	39.10	47.39	48.46	74	-25.54	Vertical		
5153.745	6.98	34.86	39.28	47.26	49.82	74	-24.18	Vertical		
8051.607	9.44	35.81	38.96	44.86	51.15	74	-22.85	Vertical		
10420.000	9.95	37.09	37.93	42.93	52.04	74	-21.96	Vertical		
15630.000	12.97	39.56	41.20	41.87	53.20	74	-20.80	Vertical		
3298.855	7.36	32.52	38.65	46.25	47.48	74	-26.52	Horizontal		
3953.271	6.71	33.42	38.93	47.02	48.22	74	-25.78	Horizontal		
4840.471	6.50	34.74	39.25	47.47	49.46	74	-24.54	Horizontal		
8109.521	9.47	35.83	38.92	43.31	49.69	74	-24.31	Horizontal		
10420.000	9.95	37.09	37.93	42.74	51.85	74	-22.15	Horizontal		
15630.000	12.97	39.56	41.20	41.06	52.39	74	-21.61	Horizontal		

Test mode:		802.11ac(HT80)		Test channel:		155		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3328.542	7.30	32.59	38.66	47.04	48.27	74	-25.73	Vertical		
4546.240	5.84	34.50	39.15	47.95	49.14	74	-24.86	Vertical		
7880.337	9.39	35.72	39.01	42.04	48.14	74	-25.86	Vertical		
9562.801	10.01	37.23	37.96	43.78	53.06	74	-20.94	Vertical		
11550.000	10.41	38.26	38.49	42.21	52.39	74	-21.61	Vertical		
17325.000	16.14	40.97	41.71	38.06	53.46	74	-20.54	Vertical		
3493.527	6.98	32.88	38.74	45.71	46.83	74	-27.17	Horizontal		
4670.083	6.12	34.62	39.19	47.68	49.23	74	-24.77	Horizontal		
7796.073	9.38	35.66	39.02	46.00	52.02	74	-21.98	Horizontal		
9460.546	10.03	37.05	38.02	42.62	51.68	74	-22.32	Horizontal		
11550.000	10.41	38.26	38.49	42.68	52.86	74	-21.14	Horizontal		
17325.000	16.14	40.97	41.71	37.43	52.83	74	-21.17	Horizontal		

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S24B12-120A200-Y4									
Test mode:		802.11a		Test channel:		36		Remark:	Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
3292.950	7.37	32.50	38.65	45.89	47.11	74	-26.89	Vertical	
3932.078	6.73	33.38	38.92	46.25	47.44	74	-26.56	Vertical	
4875.288	6.57	34.78	39.26	47.67	49.76	74	-24.24	Vertical	
8095.003	9.46	35.82	38.93	44.16	50.51	74	-23.49	Vertical	
10360.000	9.92	37.13	37.89	43.09	52.25	74	-21.75	Vertical	
15540.000	12.97	39.38	41.17	41.94	53.12	74	-20.88	Vertical	
3228.683	7.50	32.33	38.62	46.52	47.73	74	-26.27	Horizontal	
4224.236	6.25	34.01	39.04	47.59	48.81	74	-25.19	Horizontal	
5153.745	6.98	34.86	39.28	48.60	51.16	74	-22.84	Horizontal	
8153.229	9.49	35.84	38.89	44.14	50.58	74	-23.42	Horizontal	
10360.000	9.92	37.13	37.89	43.05	52.21	74	-21.79	Horizontal	
15540.000	12.97	39.38	41.17	41.51	52.69	74	-21.31	Horizontal	

Test mode:		802.11a		Test channel:		40		Remark:	Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization	
3601.577	6.91	33.00	38.79	47.15	48.27	74	-25.73	Vertical	
4285.222	6.13	34.10	39.06	47.71	48.88	74	-25.12	Vertical	
5153.745	6.98	34.86	39.28	47.77	50.33	74	-23.67	Vertical	
8124.064	9.47	35.83	38.91	43.56	49.95	74	-24.05	Vertical	
10400.000	9.94	37.02	37.92	43.28	52.32	74	-21.68	Vertical	
15600.000	12.97	39.50	41.19	41.29	52.57	74	-21.43	Vertical	
3316.635	7.32	32.56	38.66	45.76	46.98	74	-27.02	Horizontal	
3939.129	6.72	33.40	38.93	47.20	48.39	74	-25.61	Horizontal	
4805.903	6.42	34.71	39.24	48.06	49.95	74	-24.05	Horizontal	
8270.939	9.54	35.84	38.81	42.14	48.71	74	-25.29	Horizontal	
10400.000	9.94	37.02	37.92	42.13	51.17	74	-22.83	Horizontal	
15600.000	12.97	39.50	41.19	42.13	53.41	74	-20.59	Horizontal	

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Test mode:		802.11a		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3304.771	7.35	32.53	38.65	45.89	47.12	74	-26.88	Vertical		
3918.012	6.73	33.36	38.92	45.98	47.15	74	-26.85	Vertical		
5162.988	6.99	34.86	39.28	46.84	49.41	74	-24.59	Vertical		
8211.874	9.51	35.85	38.85	42.16	48.67	74	-25.33	Vertical		
10480.000	9.97	37.30	37.96	42.77	52.08	74	-21.92	Vertical		
15720.000	12.96	39.74	41.23	41.28	52.75	74	-21.25	Vertical		
3257.739	7.44	32.41	38.63	45.42	46.64	74	-27.36	Horizontal		
3910.999	6.74	33.35	38.92	46.59	47.76	74	-26.24	Horizontal		
5080.398	6.91	34.88	39.29	48.26	50.76	74	-23.24	Horizontal		
8153.229	9.49	35.84	38.89	42.58	49.02	74	-24.98	Horizontal		
10480.000	9.97	37.30	37.96	41.98	51.29	74	-22.71	Horizontal		
15720.000	12.96	39.74	41.23	41.13	52.60	74	-21.40	Horizontal		

Test mode:		802.11a		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3793.666	6.80	33.15	38.87	47.79	48.87	74	-25.13	Vertical		
4788.712	6.39	34.69	39.23	48.18	50.03	74	-23.97	Vertical		
7852.148	9.39	35.70	39.01	44.39	50.47	74	-23.53	Vertical		
9193.181	9.87	36.49	38.19	42.80	50.97	74	-23.03	Vertical		
11490.000	10.39	38.22	38.46	41.55	51.70	74	-22.30	Vertical		
17235.000	16.31	41.01	41.69	36.47	52.10	74	-21.90	Vertical		
3569.455	6.93	32.97	38.77	45.58	46.71	74	-27.29	Horizontal		
4595.378	5.95	34.57	39.17	46.17	47.52	74	-26.48	Horizontal		
7322.183	9.08	35.50	39.06	45.73	51.25	74	-22.75	Horizontal		
9275.910	9.92	36.67	38.14	41.93	50.38	74	-23.62	Horizontal		
11490.000	10.39	38.22	38.46	42.02	52.17	74	-21.83	Horizontal		
17235.000	16.31	41.01	41.69	37.11	52.74	74	-21.26	Horizontal		

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Test mode:		802.11a		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3413.093	7.13	32.79	38.70	48.05	49.27	74	-24.73	Vertical		
4866.560	6.56	34.77	39.26	47.09	49.16	74	-24.84	Vertical		
7754.279	9.37	35.62	39.02	47.12	53.09	74	-20.91	Vertical		
9176.724	9.86	36.45	38.20	42.99	51.10	74	-22.90	Vertical		
11570.000	10.42	38.28	38.50	42.75	52.95	74	-21.05	Vertical		
17355.000	16.08	40.96	41.72	37.04	52.36	74	-21.64	Vertical		
3431.489	7.10	32.82	38.71	47.35	48.56	74	-25.44	Horizontal		
4763.041	6.33	34.68	39.22	47.59	49.38	74	-24.62	Horizontal		
8037.194	9.44	35.81	38.97	43.38	49.66	74	-24.34	Horizontal		
9477.513	10.04	37.08	38.01	43.62	52.73	74	-21.27	Horizontal		
11570.000	10.42	38.28	38.50	42.51	52.71	74	-21.29	Horizontal		
17355.000	16.08	40.96	41.72	36.17	51.49	74	-22.51	Horizontal		

Test mode:		802.11a		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3550.320	6.94	32.95	38.76	46.08	47.21	74	-26.79	Vertical		
4746.002	6.29	34.67	39.22	46.95	48.69	74	-25.31	Vertical		
7852.148	9.39	35.70	39.01	43.37	49.45	74	-24.55	Vertical		
9597.131	9.99	37.29	37.94	42.21	51.55	74	-22.45	Vertical		
11650.000	10.46	38.35	38.54	41.84	52.11	74	-21.89	Vertical		
17475.000	15.86	40.91	41.75	37.57	52.59	74	-21.41	Vertical		
3346.482	7.26	32.64	38.67	47.53	48.76	74	-25.24	Horizontal		
4831.806	6.48	34.73	39.25	48.07	50.03	74	-23.97	Horizontal		
8124.064	9.47	35.83	38.91	43.56	49.95	74	-24.05	Horizontal		
9477.513	10.04	37.08	38.01	43.66	52.77	74	-21.23	Horizontal		
11650.000	10.46	38.35	38.54	42.56	52.83	74	-21.17	Horizontal		
17475.000	15.86	40.91	41.75	37.64	52.66	74	-21.34	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3346.482	7.26	32.64	38.67	46.62	47.85	74	-26.15	Vertical		
4209.125	6.27	33.99	39.03	46.73	47.96	74	-26.04	Vertical		
4910.354	6.65	34.81	39.27	47.24	49.43	74	-24.57	Vertical		
8138.634	9.48	35.83	38.90	43.26	49.67	74	-24.33	Vertical		
10360.000	9.92	37.13	37.89	43.04	52.20	74	-21.80	Vertical		
15540.000	12.97	39.38	41.17	40.69	51.87	74	-22.13	Vertical		
3298.855	7.36	32.52	38.65	45.76	46.99	74	-27.01	Horizontal		
3932.078	6.73	33.38	38.92	46.25	47.44	74	-26.56	Horizontal		
4814.522	6.44	34.71	39.24	47.59	49.50	74	-24.50	Horizontal		
8037.194	9.44	35.81	38.97	43.38	49.66	74	-24.34	Horizontal		
10360.000	9.92	37.13	37.89	42.34	51.50	74	-22.50	Horizontal		
15540.000	12.97	39.38	41.17	41.95	53.13	74	-20.87	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3456.171	7.05	32.84	38.72	46.47	47.64	74	-26.36	Vertical		
4277.551	6.14	34.09	39.06	45.97	47.14	74	-26.86	Vertical		
5351.359	7.15	34.80	39.26	47.46	50.15	74	-23.85	Vertical		
8618.910	9.66	35.91	38.57	39.13	46.13	74	-27.87	Vertical		
10400.000	9.94	37.02	37.92	42.87	51.91	74	-22.09	Vertical		
15600.000	12.97	39.50	41.19	41.62	52.90	74	-21.10	Vertical		
3640.505	6.89	33.03	38.80	46.99	48.11	74	-25.89	Horizontal		
4186.561	6.32	33.95	39.02	46.91	48.16	74	-25.84	Horizontal		
5135.310	6.96	34.87	39.28	47.82	50.37	74	-23.63	Horizontal		
8241.354	9.52	35.84	38.83	41.76	48.29	74	-25.71	Horizontal		
10400.000	9.94	37.02	37.92	43.69	52.73	74	-21.27	Horizontal		
15600.000	12.97	39.50	41.19	42.10	53.38	74	-20.62	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3653.574	6.88	33.04	38.81	46.27	47.38	74	-26.62	Vertical		
4262.250	6.17	34.07	39.05	47.50	48.69	74	-25.31	Vertical		
4919.161	6.67	34.82	39.27	48.32	50.54	74	-23.46	Vertical		
7575.747	9.33	35.47	39.03	43.54	49.31	74	-24.69	Vertical		
10480.000	9.97	37.30	37.96	42.94	52.25	74	-21.75	Vertical		
15720.000	12.96	39.74	41.23	42.02	53.49	74	-20.51	Vertical		
3640.505	6.89	33.03	38.80	45.53	46.65	74	-27.35	Horizontal		
4370.519	5.97	34.22	39.09	47.48	48.58	74	-25.42	Horizontal		
5218.792	7.04	34.84	39.27	48.06	50.67	74	-23.33	Horizontal		
8696.472	9.68	35.93	38.51	40.65	47.75	74	-26.25	Horizontal		
10480.000	9.97	37.30	37.96	43.90	53.21	74	-20.79	Horizontal		
15720.000	12.96	39.74	41.23	41.57	53.04	74	-20.96	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3468.578	7.03	32.86	38.73	47.31	48.47	74	-25.53	Vertical		
4729.026	6.25	34.66	39.21	47.69	49.39	74	-24.61	Vertical		
7322.183	9.08	35.50	39.06	46.82	52.34	74	-21.66	Vertical		
9359.385	9.97	36.85	38.09	42.40	51.13	74	-22.87	Vertical		
11490.000	10.39	38.22	38.46	42.98	53.13	74	-20.87	Vertical		
17235.000	16.31	41.01	41.69	36.75	52.38	74	-21.62	Vertical		
3481.030	7.01	32.87	38.73	46.86	48.01	74	-25.99	Horizontal		
4729.026	6.25	34.66	39.21	47.69	49.39	74	-24.61	Horizontal		
7282.930	9.02	35.55	39.06	47.02	52.53	74	-21.47	Horizontal		
9545.682	10.02	37.20	37.97	43.04	52.29	74	-21.71	Horizontal		
11490.000	10.39	38.22	38.46	42.93	53.08	74	-20.92	Horizontal		
17235.000	16.31	41.01	41.69	37.06	52.69	74	-21.31	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3340.491	7.28	32.63	38.67	45.36	46.60	74	-27.40	Vertical		
4754.514	6.31	34.67	39.22	46.37	48.13	74	-25.87	Vertical		
7838.091	9.39	35.69	39.01	44.16	50.23	74	-23.77	Vertical		
9443.610	10.02	37.02	38.03	43.43	52.44	74	-21.56	Vertical		
11570.000	10.42	38.28	38.50	42.86	53.06	74	-20.94	Vertical		
17355.000	16.08	40.96	41.72	36.98	52.30	74	-21.70	Vertical		
3431.489	7.10	32.82	38.71	46.24	47.45	74	-26.55	Horizontal		
4703.674	6.20	34.64	39.20	47.64	49.28	74	-24.72	Horizontal		
7866.230	9.39	35.71	39.01	42.63	48.72	74	-25.28	Horizontal		
9376.170	9.98	36.89	38.08	42.22	51.01	74	-22.99	Horizontal		
11570.000	10.42	38.28	38.50	41.12	51.32	74	-22.68	Horizontal		
17355.000	16.08	40.96	41.72	37.64	52.96	74	-21.04	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3499.792	6.97	32.89	38.74	45.67	46.79	74	-27.21	Vertical		
4670.083	6.12	34.62	39.19	47.22	48.77	74	-25.23	Vertical		
7782.116	9.37	35.64	39.02	45.20	51.19	74	-22.81	Vertical		
9805.714	9.88	37.94	37.81	42.86	52.87	74	-21.13	Vertical		
11650.000	10.46	38.35	38.54	42.82	53.09	74	-20.91	Vertical		
17475.000	15.86	40.91	41.75	38.13	53.15	74	-20.85	Vertical		
3334.511	7.29	32.61	38.67	46.03	47.26	74	-26.74	Horizontal		
4936.820	6.71	34.84	39.28	48.53	50.80	74	-23.20	Horizontal		
7838.091	9.39	35.69	39.01	44.44	50.51	74	-23.49	Horizontal		
9443.610	10.02	37.02	38.03	42.56	51.57	74	-22.43	Horizontal		
11650.000	10.46	38.35	38.54	43.05	53.32	74	-20.68	Horizontal		
17475.000	15.86	40.91	41.75	37.78	52.80	74	-21.20	Horizontal		

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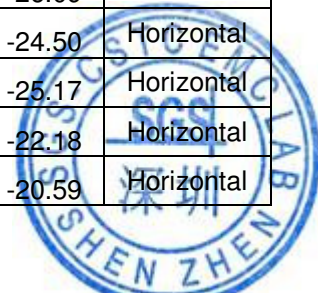


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Test mode:		802.11n(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3563.065	6.93	32.96	38.77	45.61	46.73	74	-27.27	Vertical		
4331.540	6.04	34.17	39.08	47.08	48.21	74	-25.79	Vertical		
5135.310	6.96	34.87	39.28	46.94	49.49	74	-24.51	Vertical		
8241.354	9.52	35.84	38.83	41.05	47.58	74	-26.42	Vertical		
10380.000	9.93	37.07	37.90	43.70	52.80	74	-21.20	Vertical		
15570.000	12.97	39.44	41.18	41.77	53.00	74	-21.00	Vertical		
3281.171	7.39	32.47	38.64	44.74	45.96	74	-28.04	Horizontal		
3974.578	6.70	33.46	38.94	45.99	47.21	74	-26.79	Horizontal		
4771.583	6.35	34.68	39.23	46.79	48.59	74	-25.41	Horizontal		
8138.634	9.48	35.83	38.90	43.49	49.90	74	-24.10	Horizontal		
10380.000	9.93	37.07	37.90	42.60	51.70	74	-22.30	Horizontal		
15570.000	12.97	39.44	41.18	41.98	53.21	74	-20.79	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3575.856	6.93	32.97	38.77	45.67	46.80	74	-27.20	Vertical		
3932.078	6.73	33.38	38.92	46.16	47.35	74	-26.65	Vertical		
5153.745	6.98	34.86	39.28	46.73	49.29	74	-24.71	Vertical		
8618.910	9.66	35.91	38.57	39.97	46.97	74	-27.03	Vertical		
10460.000	9.96	37.23	37.95	41.32	50.56	74	-23.44	Vertical		
15690.000	12.96	39.68	41.22	39.98	51.40	74	-22.60	Vertical		
3419.214	7.12	32.80	38.70	46.49	47.71	74	-26.29	Horizontal		
4473.516	5.78	34.38	39.13	46.88	47.91	74	-26.09	Horizontal		
5153.745	6.98	34.86	39.28	46.94	49.50	74	-24.50	Horizontal		
8197.173	9.50	35.85	38.86	42.34	48.83	74	-25.17	Horizontal		
10460.000	9.96	37.23	37.95	42.58	51.82	74	-22.18	Horizontal		
15690.000	12.96	39.68	41.22	41.99	53.41	74	-20.59	Horizontal		



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Test mode:		802.11n(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3693.064	6.86	33.07	38.83	46.27	47.37	74	-26.63	Vertical		
5026.073	6.86	34.89	39.30	47.17	49.62	74	-24.38	Vertical		
7401.325	9.18	35.42	39.05	44.53	50.08	74	-23.92	Vertical		
9292.546	9.93	36.71	38.13	42.91	51.42	74	-22.58	Vertical		
11510.000	10.39	38.23	38.47	42.45	52.60	74	-21.40	Vertical		
17265.000	16.25	40.99	41.69	36.90	52.45	74	-21.55	Vertical		
3468.578	7.03	32.86	38.73	47.31	48.47	74	-25.53	Horizontal		
4771.583	6.35	34.68	39.23	47.27	49.07	74	-24.93	Horizontal		
7454.562	9.25	35.44	39.05	45.06	50.70	74	-23.30	Horizontal		
9511.536	10.04	37.14	37.99	43.03	52.22	74	-21.78	Horizontal		
11510.000	10.39	38.23	38.47	43.22	53.37	74	-20.63	Horizontal		
17265.000	16.25	40.99	41.69	37.17	52.72	74	-21.28	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3531.287	6.95	32.93	38.76	46.03	47.15	74	-26.85	Vertical		
4729.026	6.25	34.66	39.21	48.14	49.84	74	-24.16	Vertical		
7838.091	9.39	35.69	39.01	44.04	50.11	74	-23.89	Vertical		
9460.546	10.03	37.05	38.02	43.57	52.63	74	-21.37	Vertical		
11590.000	10.43	38.29	38.51	41.84	52.05	74	-21.95	Vertical		
17385.000	16.03	40.95	41.73	37.68	52.93	74	-21.07	Vertical		
3563.065	6.93	32.96	38.77	46.55	47.67	74	-26.33	Horizontal		
4678.458	6.14	34.63	39.20	48.77	50.34	74	-23.66	Horizontal		
7796.073	9.38	35.66	39.02	47.12	53.14	74	-20.86	Horizontal		
9342.630	9.96	36.82	38.10	42.59	51.27	74	-22.73	Horizontal		
11590.000	10.43	38.29	38.51	42.18	52.39	74	-21.61	Horizontal		
17385.000	16.03	40.95	41.73	37.72	52.97	74	-21.03	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3425.346	7.11	32.81	38.71	47.46	48.67	74	-25.33	Vertical		
3939.129	6.72	33.40	38.93	47.54	48.73	74	-25.27	Vertical		
4831.806	6.48	34.73	39.25	47.96	49.92	74	-24.08	Vertical		
8197.173	9.50	35.85	38.86	42.89	49.38	74	-24.62	Vertical		
10360.000	9.92	37.13	37.89	43.82	52.98	74	-21.02	Vertical		
15540.000	12.97	39.38	41.17	41.52	52.70	74	-21.30	Vertical		
3298.855	7.36	32.52	38.65	45.12	46.35	74	-27.65	Horizontal		
3910.999	6.74	33.35	38.92	45.36	46.53	74	-27.47	Horizontal		
5144.519	6.97	34.86	39.28	46.14	48.69	74	-25.31	Horizontal		
7965.512	9.41	35.78	39.00	41.36	47.55	74	-26.45	Horizontal		
10360.000	9.92	37.13	37.89	43.18	52.34	74	-21.66	Horizontal		
15540.000	12.97	39.38	41.17	41.33	52.51	74	-21.49	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3588.694	6.92	32.99	38.78	46.16	47.29	74	-26.71	Vertical		
4254.620	6.19	34.06	39.05	47.07	48.27	74	-25.73	Vertical		
5080.398	6.91	34.88	39.29	48.51	51.01	74	-22.99	Vertical		
8138.634	9.48	35.83	38.90	44.10	50.51	74	-23.49	Vertical		
10400.000	9.94	37.02	37.92	43.56	52.60	74	-21.40	Vertical		
15600.000	12.97	39.50	41.19	41.82	53.10	74	-20.90	Vertical		
3269.434	7.42	32.44	38.63	45.96	47.19	74	-26.81	Horizontal		
4082.849	6.52	33.70	38.98	47.93	49.17	74	-24.83	Horizontal		
4910.354	6.65	34.81	39.27	48.39	50.58	74	-23.42	Horizontal		
7994.107	9.42	35.80	39.00	43.02	49.24	74	-24.76	Horizontal		
10400.000	9.94	37.02	37.92	43.29	52.33	74	-21.67	Horizontal		
15600.000	12.97	39.50	41.19	42.12	53.40	74	-20.60	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3346.482	7.26	32.64	38.67	46.88	48.11	74	-25.89	Vertical		
3918.012	6.73	33.36	38.92	46.81	47.98	74	-26.02	Vertical		
4910.354	6.65	34.81	39.27	48.37	50.56	74	-23.44	Vertical		
8197.173	9.50	35.85	38.86	42.93	49.42	74	-24.58	Vertical		
10480.000	9.97	37.30	37.96	42.39	51.70	74	-22.30	Vertical		
15720.000	12.96	39.74	41.23	42.18	53.65	74	-20.35	Vertical		
3304.771	7.35	32.53	38.65	44.93	46.16	74	-27.84	Horizontal		
4201.590	6.29	33.98	39.03	45.94	47.18	74	-26.82	Horizontal		
4945.674	6.72	34.85	39.28	49.75	52.04	74	-21.96	Horizontal		
8618.910	9.66	35.91	38.57	39.56	46.56	74	-27.44	Horizontal		
10480.000	9.97	37.30	37.96	43.69	53.00	74	-21.00	Horizontal		
15720.000	12.96	39.74	41.23	41.12	52.59	74	-21.41	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3388.719	7.18	32.75	38.69	45.22	46.46	74	-27.54	Vertical		
4703.674	6.20	34.64	39.20	47.24	48.88	74	-25.12	Vertical		
7838.091	9.39	35.69	39.01	43.90	49.97	74	-24.03	Vertical		
9259.305	9.91	36.64	38.15	42.90	51.30	74	-22.70	Vertical		
11490.000	10.39	38.22	38.46	42.72	52.87	74	-21.13	Vertical		
17235.000	16.31	41.01	41.69	37.22	52.85	74	-21.15	Vertical		
3456.171	7.05	32.84	38.72	45.36	46.53	74	-27.47	Horizontal		
4884.031	6.59	34.79	39.26	45.42	47.54	74	-26.46	Horizontal		
8526.748	9.64	35.87	38.63	41.58	48.46	74	-25.54	Horizontal		
7295.991	9.04	35.53	39.06	45.25	50.76	74	-23.24	Horizontal		
11490.000	10.39	38.22	38.46	41.60	51.75	74	-22.25	Horizontal		
17235.000	16.31	41.01	41.69	36.81	52.44	74	-21.56	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3462.369	7.04	32.85	38.72	46.55	47.72	74	-26.28	Vertical		
4695.254	6.18	34.64	39.20	48.11	49.73	74	-24.27	Vertical		
7838.091	9.39	35.69	39.01	45.55	51.62	74	-22.38	Vertical		
9359.385	9.97	36.85	38.09	41.77	50.50	74	-23.50	Vertical		
11570.000	10.42	38.28	38.50	42.42	52.62	74	-21.38	Vertical		
17355.000	16.08	40.96	41.72	37.10	52.42	74	-21.58	Vertical		
3394.796	7.17	32.77	38.69	47.71	48.96	74	-25.04	Horizontal		
4661.723	6.10	34.62	39.19	48.44	49.97	74	-24.03	Horizontal		
7824.060	9.38	35.68	39.01	45.56	51.61	74	-22.39	Horizontal		
9597.131	9.99	37.29	37.94	43.75	53.09	74	-20.91	Horizontal		
11570.000	10.42	38.28	38.50	42.36	52.56	74	-21.44	Horizontal		
17355.000	16.08	40.96	41.72	36.93	52.25	74	-21.75	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3456.171	7.05	32.84	38.72	46.47	47.64	74	-26.36	Vertical		
4449.534	5.82	34.34	39.12	46.37	47.41	74	-26.59	Vertical		
7671.363	9.35	35.54	39.03	45.30	51.16	74	-22.84	Vertical		
9443.610	10.02	37.02	38.03	42.48	51.49	74	-22.51	Vertical		
11650.000	10.46	38.35	38.54	42.11	52.38	74	-21.62	Vertical		
17475.000	15.86	40.91	41.75	37.46	52.48	74	-21.52	Vertical		
3443.808	7.08	32.83	38.72	47.67	48.86	74	-25.14	Horizontal		
4628.432	6.03	34.60	39.18	48.88	50.33	74	-23.67	Horizontal		
8051.607	9.44	35.81	38.96	43.93	50.22	74	-23.78	Horizontal		
9477.513	10.04	37.08	38.01	43.65	52.76	74	-21.24	Horizontal		
11650.000	10.46	38.35	38.54	41.78	52.05	74	-21.95	Horizontal		
17475.000	15.86	40.91	41.75	38.47	53.49	74	-20.51	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3310.698	7.33	32.55	38.65	45.33	46.56	74	-27.44	Vertical		
4164.117	6.36	33.90	39.01	45.76	47.01	74	-26.99	Vertical		
4840.471	6.50	34.74	39.25	46.14	48.13	74	-25.87	Vertical		
8037.194	9.44	35.81	38.97	42.86	49.14	74	-24.86	Vertical		
10380.000	9.93	37.07	37.90	42.60	51.70	74	-22.30	Vertical		
15570.000	12.97	39.44	41.18	41.98	53.21	74	-20.79	Vertical		
3275.297	7.40	32.45	38.64	45.63	46.84	74	-27.16	Horizontal		
4003.166	6.68	33.51	38.95	47.02	48.26	74	-25.74	Horizontal		
4857.848	6.54	34.76	39.25	47.46	49.51	74	-24.49	Horizontal		
7589.333	9.33	35.48	39.03	43.41	49.19	74	-24.81	Horizontal		
10380.000	9.93	37.07	37.90	42.70	51.80	74	-22.20	Horizontal		
15570.000	12.97	39.44	41.18	42.26	53.49	74	-20.51	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3269.434	7.42	32.44	38.63	44.83	46.06	74	-27.94	Vertical		
3953.271	6.71	33.42	38.93	45.62	46.82	74	-27.18	Vertical		
5144.519	6.97	34.86	39.28	47.09	49.64	74	-24.36	Vertical		
8138.634	9.48	35.83	38.90	43.71	50.12	74	-23.88	Vertical		
10460.000	9.96	37.23	37.95	42.58	51.82	74	-22.18	Vertical		
15690.000	12.96	39.68	41.22	42.13	53.55	74	-20.45	Vertical		
3316.635	7.32	32.56	38.66	44.47	45.69	74	-28.31	Horizontal		
3890.032	6.75	33.31	38.91	45.59	46.74	74	-27.26	Horizontal		
4857.848	6.54	34.76	39.25	45.97	48.02	74	-25.98	Horizontal		
8095.003	9.46	35.82	38.93	43.19	49.54	74	-24.46	Horizontal		
10460.000	9.96	37.23	37.95	42.69	51.93	74	-22.07	Horizontal		
15690.000	12.96	39.68	41.22	41.71	53.13	74	-20.87	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3406.983	7.15	32.79	38.70	47.43	48.67	74	-25.33	Vertical		
4823.156	6.46	34.72	39.24	47.98	49.92	74	-24.08	Vertical		
7562.185	9.32	35.47	39.04	44.52	50.27	74	-23.73	Vertical		
9359.385	9.97	36.85	38.09	42.01	50.74	74	-23.26	Vertical		
11510.000	10.39	38.23	38.47	42.17	52.32	74	-21.68	Vertical		
17265.000	16.25	40.99	41.69	36.70	52.25	74	-21.75	Vertical		
3653.574	6.88	33.04	38.81	46.47	47.58	74	-26.42	Horizontal		
4780.140	6.37	34.69	39.23	47.66	49.49	74	-24.51	Horizontal		
7994.107	9.42	35.80	39.00	43.53	49.75	74	-24.25	Horizontal		
9443.610	10.02	37.02	38.03	42.94	51.95	74	-22.05	Horizontal		
11510.000	10.39	38.23	38.47	42.80	52.95	74	-21.05	Horizontal		
17265.000	16.25	40.99	41.69	37.11	52.66	74	-21.34	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization		
3693.064	6.86	33.07	38.83	47.44	48.54	74	-25.46	Vertical		
4771.583	6.35	34.68	39.23	47.27	49.07	74	-24.93	Vertical		
7282.930	9.02	35.55	39.06	47.02	52.53	74	-21.47	Vertical		
9494.509	10.05	37.11	38.00	43.28	52.44	74	-21.56	Vertical		
11590.000	10.43	38.29	38.51	43.09	53.30	74	-20.70	Vertical		
17385.000	16.03	40.95	41.73	37.27	52.52	74	-21.48	Vertical		
3601.577	6.91	33.00	38.79	46.84	47.96	74	-26.04	Horizontal		
4703.674	6.20	34.64	39.20	47.72	49.36	74	-24.64	Horizontal		
7796.073	9.38	35.66	39.02	45.73	51.75	74	-22.25	Horizontal		
9562.801	10.01	37.23	37.96	42.58	51.86	74	-22.14	Horizontal		
11590.000	10.43	38.29	38.51	41.95	52.16	74	-21.84	Horizontal		
17385.000	16.03	40.95	41.73	37.07	52.32	74	-21.68	Horizontal		

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Test mode:		802.11ac(HT80)		Test channel:		42		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3814.113	6.79	33.18	38.88	46.52	47.61	74	-26.39	Vertical		
4186.561	6.32	33.95	39.02	45.21	46.46	74	-27.54	Vertical		
5044.117	6.88	34.89	39.29	47.86	50.34	74	-23.66	Vertical		
7562.185	9.32	35.47	39.04	43.50	49.25	74	-24.75	Vertical		
10420.000	9.95	37.09	37.93	41.32	50.43	74	-23.57	Vertical		
15630.000	12.97	39.56	41.20	41.54	52.87	74	-21.13	Vertical		
3298.855	7.36	32.52	38.65	45.35	46.58	74	-27.42	Horizontal		
3960.360	6.71	33.43	38.93	45.11	46.32	74	-27.68	Horizontal		
5172.247	7.00	34.86	39.28	46.85	49.43	74	-24.57	Horizontal		
8270.939	9.54	35.84	38.81	41.04	47.61	74	-26.39	Horizontal		
10420.000	9.95	37.09	37.93	40.88	49.99	74	-24.01	Horizontal		
15630.000	12.97	39.56	41.20	39.87	51.20	74	-22.80	Horizontal		

Test mode:		802.11ac(HT80)		Test channel:		155		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3575.856	6.93	32.97	38.77	46.31	47.44	74	-26.56	Vertical		
4840.471	6.50	34.74	39.25	46.73	48.72	74	-25.28	Vertical		
7852.148	9.39	35.70	39.01	43.51	49.59	74	-24.41	Vertical		
9477.513	10.04	37.08	38.01	43.62	52.73	74	-21.27	Vertical		
11550.000	10.41	38.26	38.49	42.66	52.84	74	-21.16	Vertical		
17325.000	16.14	40.97	41.71	37.38	52.78	74	-21.22	Vertical		
3759.831	6.82	33.12	38.85	48.07	49.16	74	-24.84	Horizontal		
4746.002	6.29	34.67	39.22	48.53	50.27	74	-23.73	Horizontal		
7768.185	9.37	35.63	39.02	47.03	53.01	74	-20.99	Horizontal		
9292.546	9.93	36.71	38.13	43.58	52.09	74	-21.91	Horizontal		
11550.000	10.41	38.26	38.49	42.97	53.15	74	-20.85	Horizontal		
17325.000	16.14	40.97	41.71	36.72	52.12	74	-21.88	Horizontal		

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WHF-1200300T									
Test mode:		802.11a		Test channel:		36		Remark:	Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	
3449.984	7.06	32.84	38.72	47.57	48.75	74	-25.25	Vertical	
4661.723	6.10	34.62	39.19	48.81	50.34	74	-23.66	Vertical	
7838.091	9.39	35.69	39.01	44.42	50.49	74	-23.51	Vertical	
9094.878	9.82	36.24	38.25	44.88	52.69	74	-21.31	Vertical	
10360.000	9.92	37.13	37.89	42.92	52.08	74	-21.92	Vertical	
15540.000	12.97	39.38	41.17	41.10	52.28	74	-21.72	Vertical	
3481.030	7.01	32.87	38.73	47.54	48.69	74	-25.31	Horizontal	
4805.903	6.42	34.71	39.24	48.11	50.00	74	-24.00	Horizontal	
7852.148	9.39	35.70	39.01	44.39	50.47	74	-23.53	Horizontal	
9376.170	9.98	36.89	38.08	43.46	52.25	74	-21.75	Horizontal	
10360.000	9.92	37.13	37.89	43.10	52.26	74	-21.74	Horizontal	
15540.000	12.97	39.38	41.17	41.08	52.26	74	-21.74	Horizontal	

Test mode:		802.11a		Test channel:		40		Remark:	Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization	
3413.093	7.13	32.79	38.70	46.99	48.21	74	-25.79	Vertical	
4603.619	5.97	34.58	39.17	48.26	49.64	74	-24.36	Vertical	
7824.060	9.38	35.68	39.01	45.24	51.29	74	-22.71	Vertical	
9511.536	10.04	37.14	37.99	44.01	53.20	74	-20.80	Vertical	
10400.000	9.94	37.02	37.92	43.28	52.32	74	-21.68	Vertical	
15600.000	12.97	39.50	41.19	41.56	52.84	74	-21.16	Vertical	
3506.069	6.97	32.90	38.74	46.93	48.06	74	-25.94	Horizontal	
4788.712	6.39	34.69	39.23	47.88	49.73	74	-24.27	Horizontal	
7824.060	9.38	35.68	39.01	45.03	51.08	74	-22.92	Horizontal	
9160.296	9.85	36.41	38.21	42.28	50.33	74	-23.67	Horizontal	
10400.000	9.94	37.02	37.92	43.38	52.42	74	-21.58	Horizontal	
15600.000	12.97	39.50	41.19	40.94	52.22	74	-21.78	Horizontal	

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Test mode:		802.11a		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3506.069	6.97	32.90	38.74	46.49	47.62	74	-26.38	Vertical		
4620.146	6.01	34.59	39.18	47.47	48.89	74	-25.11	Vertical		
7348.469	9.11	35.48	39.05	45.41	50.95	74	-23.05	Vertical		
9209.667	9.88	36.53	38.18	43.29	51.52	74	-22.48	Vertical		
10480.000	9.97	37.30	37.96	42.73	52.04	74	-21.96	Vertical		
15720.000	12.96	39.74	41.23	40.58	52.05	74	-21.95	Vertical		
3588.694	6.92	32.99	38.78	45.92	47.05	74	-26.95	Horizontal		
4603.619	5.97	34.58	39.17	46.45	47.83	74	-26.17	Horizontal		
7838.091	9.39	35.69	39.01	43.85	49.92	74	-24.08	Horizontal		
9494.509	10.05	37.11	38.00	42.48	51.64	74	-22.36	Horizontal		
10480.000	9.97	37.30	37.96	43.29	52.60	74	-21.40	Horizontal		
15720.000	12.96	39.74	41.23	40.76	52.23	74	-21.77	Horizontal		

Test mode:		802.11a		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3316.635	7.32	32.56	38.66	47.11	48.33	74	-25.67	Vertical		
4578.940	5.91	34.55	39.16	47.34	48.64	74	-25.36	Vertical		
7575.747	9.33	35.47	39.03	44.81	50.58	74	-23.42	Vertical		
9127.528	9.84	36.33	38.23	44.89	52.83	74	-21.17	Vertical		
11490.000	10.39	38.22	38.46	41.93	52.08	74	-21.92	Vertical		
17235.000	16.31	41.01	41.69	36.97	52.60	74	-21.40	Vertical		
3512.356	6.96	32.91	38.75	47.79	48.91	74	-25.09	Horizontal		
4823.156	6.46	34.72	39.24	48.61	50.55	74	-23.45	Horizontal		
7810.054	9.38	35.67	39.02	46.79	52.82	74	-21.18	Horizontal		
9392.984	9.99	36.93	38.06	43.54	52.40	74	-21.60	Horizontal		
11490.000	10.39	38.22	38.46	41.89	52.04	74	-21.96	Horizontal		
17235.000	16.31	41.01	41.69	36.45	52.08	74	-21.92	Horizontal		

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Test mode:		802.11a		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3939.129	6.72	33.40	38.93	47.02	48.21	74	-25.79	Vertical		
4797.300	6.40	34.70	39.24	48.01	49.87	74	-24.13	Vertical		
7427.896	9.22	35.43	39.05	46.35	51.95	74	-22.05	Vertical		
9226.184	9.89	36.57	38.17	43.16	51.45	74	-22.55	Vertical		
11570.000	10.42	38.28	38.50	42.78	52.98	74	-21.02	Vertical		
17355.000	16.08	40.96	41.72	38.62	53.94	74	-20.06	Vertical		
3462.369	7.04	32.85	38.72	48.30	49.47	74	-24.53	Horizontal		
4720.560	6.23	34.65	39.21	48.78	50.45	74	-23.55	Horizontal		
7441.216	9.23	35.43	39.05	44.42	50.03	74	-23.97	Horizontal		
9292.546	9.93	36.71	38.13	42.62	51.13	74	-22.87	Horizontal		
11570.000	10.42	38.28	38.50	41.83	52.03	74	-21.97	Horizontal		
17355.000	16.08	40.96	41.72	37.34	52.66	74	-21.34	Horizontal		

Test mode:		802.11a		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3487.273	6.99	32.88	38.74	46.62	47.75	74	-26.25	Vertical		
4661.723	6.10	34.62	39.19	48.08	49.61	74	-24.39	Vertical		
7256.878	8.99	35.58	39.06	47.17	52.68	74	-21.32	Vertical		
9392.984	9.99	36.93	38.06	42.60	51.46	74	-22.54	Vertical		
11650.000	10.46	38.35	38.54	42.25	52.52	74	-21.48	Vertical		
17475.000	15.86	40.91	41.75	37.23	52.25	74	-21.75	Vertical		
3726.298	6.84	33.10	38.84	46.69	47.79	74	-26.21	Horizontal		
4771.583	6.35	34.68	39.23	47.18	48.98	74	-25.02	Horizontal		
7671.363	9.35	35.54	39.03	45.49	51.35	74	-22.65	Horizontal		
9226.184	9.89	36.57	38.17	42.90	51.19	74	-22.81	Horizontal		
11650.000	10.46	38.35	38.54	42.08	52.35	74	-21.65	Horizontal		
17475.000	15.86	40.91	41.75	37.28	52.30	74	-21.70	Horizontal		



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Test mode:		802.11n(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3759.831	6.82	33.12	38.85	48.53	49.62	74	-24.38	Vertical		
4945.674	6.72	34.85	39.28	49.24	51.53	74	-22.47	Vertical		
7852.148	9.39	35.70	39.01	43.74	49.82	74	-24.18	Vertical		
9460.546	10.03	37.05	38.02	44.03	53.09	74	-20.91	Vertical		
10360.000	9.92	37.13	37.89	43.32	52.48	74	-21.52	Vertical		
15540.000	12.97	39.38	41.17	41.16	52.34	74	-21.66	Vertical		
3449.984	7.06	32.84	38.72	46.49	47.67	74	-26.33	Horizontal		
4670.083	6.12	34.62	39.19	47.38	48.93	74	-25.07	Horizontal		
7282.930	9.02	35.55	39.06	46.80	52.31	74	-21.69	Horizontal		
9545.682	10.02	37.20	37.97	43.07	52.32	74	-21.68	Horizontal		
10360.000	9.93	37.07	37.90	43.87	52.97	74	-21.03	Horizontal		
15540.000	12.97	39.44	41.18	40.95	52.18	74	-21.82	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3499.792	6.97	32.89	38.74	46.87	47.99	74	-26.01	Vertical		
4620.146	6.01	34.59	39.18	47.78	49.20	74	-24.80	Vertical		
7838.091	9.39	35.69	39.01	45.55	51.62	74	-22.38	Vertical		
9511.536	10.04	37.14	37.99	43.76	52.95	74	-21.05	Vertical		
10400.000	9.94	37.02	37.92	44.12	53.16	74	-20.84	Vertical		
15600.000	12.97	39.50	41.19	41.50	52.78	74	-21.22	Vertical		
3746.382	6.83	33.11	38.85	48.24	49.33	74	-24.67	Horizontal		
4611.875	5.99	34.59	39.17	48.09	49.50	74	-24.50	Horizontal		
7852.148	9.39	35.70	39.01	44.47	50.55	74	-23.45	Horizontal		
9477.513	10.04	37.08	38.01	43.87	52.98	74	-21.02	Horizontal		
10400.000	9.94	37.02	37.92	43.91	52.95	74	-21.05	Horizontal		
15600.000	12.97	39.50	41.19	41.04	52.32	74	-21.68	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3524.966	6.96	32.92	38.75	46.89	48.02	74	-25.98	Vertical		
4670.083	6.12	34.62	39.19	47.43	48.98	74	-25.02	Vertical		
7796.073	9.38	35.66	39.02	45.91	51.93	74	-22.07	Vertical		
9460.546	10.03	37.05	38.02	43.57	52.63	74	-21.37	Vertical		
10480.000	9.97	37.30	37.96	42.98	52.29	74	-21.71	Vertical		
15720.000	12.96	39.74	41.23	41.15	52.62	74	-21.38	Vertical		
3537.620	6.95	32.93	38.76	47.80	48.92	74	-25.08	Horizontal		
4620.146	6.01	34.59	39.18	48.32	49.74	74	-24.26	Horizontal		
7335.314	9.09	35.49	39.06	47.28	52.80	74	-21.20	Horizontal		
9460.546	10.03	37.05	38.02	43.81	52.87	74	-21.13	Horizontal		
10480.000	9.97	37.30	37.96	43.41	52.72	74	-21.28	Horizontal		
15720.000	12.96	39.74	41.23	41.44	52.91	74	-21.09	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3340.491	7.28	32.63	38.67	47.58	48.82	74	-25.18	Vertical		
4780.140	6.37	34.69	39.23	48	49.83	74	-24.17	Vertical		
7824.060	9.38	35.68	39.01	45.24	51.29	74	-22.71	Vertical		
9477.513	10.04	37.08	38.01	43.66	52.77	74	-21.23	Vertical		
11490.000	10.39	38.22	38.46	42.23	52.38	74	-21.62	Vertical		
17235.000	16.31	41.01	41.69	37.82	53.45	74	-20.55	Vertical		
3352.483	7.25	32.66	38.67	47.04	48.28	74	-25.72	Horizontal		
4645.047	6.06	34.61	39.18	48.47	49.96	74	-24.04	Horizontal		
6587.637	8.09	35.73	39.12	48.98	53.68	74	-20.32	Horizontal		
9460.546	10.03	37.05	38.02	43.77	52.83	74	-21.17	Horizontal		
11490.000	10.39	38.22	38.46	42.51	52.66	74	-21.34	Horizontal		
17235.000	16.31	41.01	41.69	37.34	52.97	74	-21.03	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3382.653	7.19	32.74	38.69	46.21	47.45	74	-26.55	Vertical		
4645.047	6.06	34.61	39.18	47.56	49.05	74	-24.95	Vertical		
7322.183	9.08	35.50	39.06	46.40	51.92	74	-22.08	Vertical		
9359.385	9.97	36.85	38.09	42.40	51.13	74	-22.87	Vertical		
11570.000	10.42	38.28	38.50	42.08	52.28	74	-21.72	Vertical		
17355.000	16.08	40.96	41.72	37.51	52.83	74	-21.17	Vertical		
3394.796	7.17	32.77	38.69	46.52	47.77	74	-26.23	Horizontal		
4754.514	6.31	34.67	39.22	46.49	48.25	74	-25.75	Horizontal		
7852.148	9.39	35.70	39.01	43.37	49.45	74	-24.55	Horizontal		
9443.610	10.02	37.02	38.03	42.34	51.35	74	-22.65	Horizontal		
11570.000	10.42	38.28	38.50	40.63	50.83	74	-23.17	Horizontal		
17355.000	16.08	40.96	41.72	37.12	52.44	74	-21.56	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3588.694	6.92	32.99	38.78	45.08	46.21	74	-27.79	Vertical		
4513.773	5.76	34.44	39.14	46.88	47.94	74	-26.06	Vertical		
7852.148	9.39	35.70	39.01	43.55	49.63	74	-24.37	Vertical		
9409.829	10.00	36.96	38.05	42.31	51.22	74	-22.78	Vertical		
11650.000	10.46	38.35	38.54	42.34	52.61	74	-21.39	Vertical		
17475.000	15.86	40.91	41.75	37.20	52.22	74	-21.78	Vertical		
3406.983	7.15	32.79	38.70	46.64	47.88	74	-26.12	Horizontal		
4771.583	6.35	34.68	39.23	47.27	49.07	74	-24.93	Horizontal		
7374.850	9.15	35.45	39.05	44.99	50.54	74	-23.46	Horizontal		
9392.984	9.99	36.93	38.06	43.14	52.00	74	-22.00	Horizontal		
11650.000	10.46	38.35	38.54	42.68	52.95	74	-21.05	Horizontal		
17475.000	15.86	40.91	41.75	37.80	52.82	74	-21.18	Horizontal		

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Test mode:		802.11n(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3413.093	7.13	32.79	38.70	48.61	49.83	74	-24.17	Vertical		
4661.723	6.10	34.62	39.19	48.88	50.41	74	-23.59	Vertical		
7740.397	9.36	35.61	39.02	47.79	53.74	74	-20.26	Vertical		
9494.509	10.05	37.11	38.00	44.10	53.26	74	-20.74	Vertical		
10380.000	9.93	37.07	37.90	43.19	52.29	74	-21.71	Vertical		
15570.000	12.97	39.44	41.18	42.08	53.31	74	-20.69	Vertical		
3773.328	6.81	33.13	38.86	48.65	49.73	74	-24.27	Horizontal		
4703.674	6.20	34.64	39.20	50.20	51.84	74	-22.16	Horizontal		
7796.073	9.38	35.66	39.02	47.15	53.17	74	-20.83	Horizontal		
9494.509	10.05	37.11	38.00	44.13	53.29	74	-20.71	Horizontal		
10380.000	9.93	37.07	37.90	43.01	52.11	74	-21.89	Horizontal		
15570.000	12.97	39.44	41.18	40.99	52.22	74	-21.78	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3370.552	7.22	32.70	38.68	47.52	48.76	74	-25.24	Vertical		
3918.012	6.73	33.36	38.92	46.82	47.99	74	-26.01	Vertical		
4840.471	6.50	34.74	39.25	46.83	48.82	74	-25.18	Vertical		
8665.363	9.67	35.93	38.53	40.32	47.39	74	-26.61	Vertical		
10420.000	9.96	37.23	37.95	43.11	52.35	74	-21.65	Vertical		
15630.000	12.96	39.68	41.22	41.00	52.42	74	-21.58	Vertical		
3334.511	7.29	32.61	38.67	47.07	48.30	74	-25.70	Horizontal		
4231.812	6.23	34.03	39.04	46.63	47.85	74	-26.15	Horizontal		
5089.509	6.92	34.88	39.29	47.30	49.81	74	-24.19	Horizontal		
8618.910	9.66	35.91	38.57	41.23	48.23	74	-25.77	Horizontal		
10420.000	9.96	37.23	37.95	43.50	52.74	74	-21.26	Horizontal		
15630.000	12.96	39.68	41.22	42.32	53.74	74	-20.26	Horizontal		

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Test mode:		802.11n(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3419.214	7.12	32.80	38.70	48.14	49.36	74	-24.64	Vertical		
4746.002	6.29	34.67	39.22	47.97	49.71	74	-24.29	Vertical		
7282.930	9.02	35.55	39.06	47.77	53.28	74	-20.72	Vertical		
9494.509	10.05	37.11	38.00	43.48	52.64	74	-21.36	Vertical		
11510.000	10.39	38.23	38.47	42.45	52.60	74	-21.40	Vertical		
17265.000	16.25	40.99	41.69	36.99	52.54	74	-21.46	Vertical		
3481.030	7.01	32.87	38.73	47.25	48.40	74	-25.60	Horizontal		
4661.723	6.10	34.62	39.19	48.88	50.41	74	-23.59	Horizontal		
8420.471	9.60	35.82	38.70	45.34	52.06	74	-21.94	Horizontal		
9275.910	9.92	36.67	38.14	42.90	51.35	74	-22.65	Horizontal		
11510.000	10.39	38.23	38.47	41.87	52.02	74	-21.98	Horizontal		
17265.000	16.25	40.99	41.69	36.87	52.42	74	-21.58	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3388.719	7.18	32.75	38.69	48.29	49.53	74	-24.47	Vertical		
4754.514	6.31	34.67	39.22	48.21	49.97	74	-24.03	Vertical		
7838.091	9.39	35.69	39.01	45.30	51.37	74	-22.63	Vertical		
9309.210	9.94	36.75	38.12	43.42	51.99	74	-22.01	Vertical		
11590.000	10.43	38.29	38.51	43.07	53.28	74	-20.72	Vertical		
17385.000	16.03	40.95	41.73	37.01	52.26	74	-21.74	Vertical		
3524.966	6.96	32.92	38.75	46.89	48.02	74	-25.98	Horizontal		
4712.109	6.22	34.65	39.21	47.52	49.18	74	-24.82	Horizontal		
7348.469	9.11	35.48	39.05	45.56	51.10	74	-22.90	Horizontal		
9342.630	9.96	36.82	38.10	42.70	51.38	74	-22.62	Horizontal		
11590.000	10.43	38.29	38.51	42.38	52.59	74	-21.41	Horizontal		
17385.000	16.03	40.95	41.73	36.79	52.04	74	-21.96	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3419.214	7.12	32.80	38.70	46.45	47.67	74	-26.33	Vertical		
4831.806	6.48	34.73	39.25	46.10	48.06	74	-25.94	Vertical		
7521.645	9.31	35.46	39.04	43.64	49.37	74	-24.63	Vertical		
9614.342	9.98	37.34	37.93	41.86	51.25	74	-22.75	Vertical		
10360.000	9.92	37.13	37.89	43.28	52.44	74	-21.56	Vertical		
15540.000	12.97	39.38	41.17	41.52	52.70	74	-21.30	Vertical		
3563.065	6.93	32.96	38.77	46.65	47.77	74	-26.23	Horizontal		
4788.712	6.39	34.69	39.23	47.49	49.34	74	-24.66	Horizontal		
7374.850	9.15	35.45	39.05	44.99	50.54	74	-23.46	Horizontal		
9392.984	9.99	36.93	38.06	43.14	52.00	74	-22.00	Horizontal		
10360.000	9.92	37.13	37.89	43.33	52.49	74	-21.51	Horizontal		
15540.000	12.97	39.38	41.17	41.20	52.38	74	-21.62	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3524.966	6.96	32.92	38.75	46.23	47.36	74	-26.64	Vertical		
4695.254	6.18	34.64	39.20	47.25	48.87	74	-25.13	Vertical		
7824.060	9.38	35.68	39.01	45.60	51.65	74	-22.35	Vertical		
9494.509	10.05	37.11	38.00	43.06	52.22	74	-21.78	Vertical		
10400.000	9.94	37.02	37.92	44.21	53.25	74	-20.75	Vertical		
15560.000	12.97	39.42	41.18	41.68	52.89	74	-21.11	Vertical		
3524.966	6.96	32.92	38.75	46.23	47.36	74	-26.64	Horizontal		
4695.254	6.18	34.64	39.20	47.25	48.87	74	-25.13	Horizontal		
7824.060	9.38	35.68	39.01	45.60	51.65	74	-22.35	Horizontal		
9494.509	10.05	37.11	38.00	43.06	52.22	74	-21.78	Horizontal		
10400.000	9.94	37.02	37.92	44.21	53.25	74	-20.75	Horizontal		
15560.000	12.97	39.42	41.18	41.68	52.89	74	-21.11	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3419.214	7.12	32.80	38.70	45.44	46.66	74	-27.34	Vertical		
4720.560	6.23	34.65	39.21	46.49	48.16	74	-25.84	Vertical		
7414.599	9.20	35.42	39.05	45.19	50.76	74	-23.24	Vertical		
9579.950	10.00	37.26	37.95	42.31	51.62	74	-22.38	Vertical		
10480.000	9.97	37.30	37.96	42.66	51.97	74	-22.03	Vertical		
15720.000	12.96	39.74	41.23	41.11	52.58	74	-21.42	Vertical		
3462.369	7.04	32.85	38.72	45.90	47.07	74	-26.93	Horizontal		
4628.432	6.03	34.60	39.18	46.68	48.13	74	-25.87	Horizontal		
7671.363	9.35	35.54	39.03	45.78	51.64	74	-22.36	Horizontal		
9477.513	10.04	37.08	38.01	42.98	52.09	74	-21.91	Horizontal		
10480.000	9.97	37.30	37.96	42.89	52.20	74	-21.80	Horizontal		
15720.000	12.96	39.74	41.23	41.31	52.78	74	-21.22	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization		
3449.984	7.06	32.84	38.72	46.86	48.04	74	-25.96	Vertical		
4805.903	6.42	34.71	39.24	46.60	48.49	74	-25.51	Vertical		
7698.902	9.35	35.57	39.02	46.61	52.51	74	-21.49	Vertical		
9545.682	10.02	37.20	37.97	43.26	52.51	74	-21.49	Vertical		
11814.270	10.53	38.52	38.61	42.84	53.28	74	-20.72	Vertical		
15401.870	12.98	39.32	41.13	41.86	53.03	74	-20.97	Vertical		
3468.578	7.03	32.86	38.73	47.31	48.47	74	-25.53	Horizontal		
4823.156	6.46	34.72	39.24	46.83	48.77	74	-25.23	Horizontal		
7282.930	9.02	35.55	39.06	47.02	52.53	74	-21.47	Horizontal		
9614.342	9.98	37.34	37.93	42.72	52.11	74	-21.89	Horizontal		
11490.000	10.39	38.22	38.46	42.98	53.13	74	-20.87	Horizontal		
17235.000	16.31	41.01	41.69	36.92	52.55	74	-21.45	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3334.511	7.29	32.61	38.67	45.69	46.92	74	-27.08	Vertical		
4712.109	6.22	34.65	39.21	47.52	49.18	74	-24.82	Vertical		
7838.091	9.39	35.69	39.01	44.04	50.11	74	-23.89	Vertical		
9545.682	10.02	37.20	37.97	43.37	52.62	74	-21.38	Vertical		
11570.000	10.42	38.28	38.50	41.92	52.12	74	-21.88	Vertical		
17355.000	16.08	40.96	41.72	37.47	52.79	74	-21.21	Vertical		
3388.719	7.18	32.75	38.69	47.94	49.18	74	-24.82	Horizontal		
4763.041	6.33	34.68	39.22	47.69	49.48	74	-24.52	Horizontal		
7782.116	9.37	35.64	39.02	46.79	52.78	74	-21.22	Horizontal		
9460.546	10.03	37.05	38.02	43.81	52.87	74	-21.13	Horizontal		
11570.000	10.42	38.28	38.50	42.23	52.43	74	-21.57	Horizontal		
17355.000	16.08	40.96	41.72	38.39	53.71	74	-20.29	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3334.511	7.29	32.61	38.67	47.07	48.30	74	-25.70	Vertical		
4763.041	6.33	34.68	39.22	47.59	49.38	74	-24.62	Vertical		
7838.091	9.39	35.69	39.01	44.42	50.49	74	-23.51	Vertical		
9309.210	9.94	36.75	38.12	41.80	50.37	74	-23.63	Vertical		
11650.000	10.46	38.35	38.54	42.31	52.58	74	-21.42	Vertical		
17475.000	15.86	40.91	41.75	37.57	52.59	74	-21.41	Vertical		
3506.069	6.97	32.90	38.74	47.56	48.69	74	-25.31	Horizontal		
4814.522	6.44	34.71	39.24	48.36	50.27	74	-23.73	Horizontal		
7838.091	9.39	35.69	39.01	45.30	51.37	74	-22.63	Horizontal		
9309.210	9.94	36.75	38.12	43.42	51.99	74	-22.01	Horizontal		
11650.000	10.46	38.35	38.54	40.92	51.19	74	-22.81	Horizontal		
17475.000	15.86	40.91	41.75	37.19	52.21	74	-21.79	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3292.950	7.37	32.50	38.65	45.08	46.30	74	-27.70	Vertical		
3620.989	6.90	33.02	38.79	44.91	46.04	74	-27.96	Vertical		
4254.620	6.19	34.06	39.05	45.47	46.67	74	-27.33	Vertical		
4840.471	6.50	34.74	39.25	46.14	48.13	74	-25.87	Vertical		
10380.000	9.93	37.07	37.90	41.41	50.51	74	-23.49	Vertical		
15570.000	12.97	39.44	41.18	40.28	51.51	74	-22.49	Vertical		
3310.698	7.33	32.55	38.65	45.87	47.10	74	-26.90	Horizontal		
3918.012	6.73	33.36	38.92	46.19	47.36	74	-26.64	Horizontal		
4578.940	5.91	34.55	39.16	46.17	47.47	74	-26.53	Horizontal		
8211.874	9.51	35.85	38.85	42.27	48.78	74	-25.22	Horizontal		
10380.000	9.93	37.07	37.90	43.25	52.35	74	-21.65	Horizontal		
15570.000	12.97	39.44	41.18	42.26	53.49	74	-20.51	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3298.855	7.36	32.52	38.65	46.13	47.36	74	-26.64	Vertical		
3960.360	6.71	33.43	38.93	46.47	47.68	74	-26.32	Vertical		
4771.583	6.35	34.68	39.23	47.54	49.34	74	-24.66	Vertical		
8124.064	9.47	35.83	38.91	44.01	50.40	74	-23.60	Vertical		
10460.000	9.96	37.23	37.95	42.80	52.04	74	-21.96	Vertical		
15690.000	12.96	39.68	41.22	41.72	53.14	74	-20.86	Vertical		
3370.552	7.22	32.70	38.68	46.81	48.05	74	-25.95	Horizontal		
4164.117	6.36	33.90	39.01	46.46	47.71	74	-26.29	Horizontal		
5135.310	6.96	34.87	39.28	48.02	50.57	74	-23.43	Horizontal		
8665.363	9.67	35.93	38.53	40.58	47.65	74	-26.35	Horizontal		
10460.000	9.96	37.23	37.95	43.29	52.53	74	-21.47	Horizontal		
15690.000	12.96	39.68	41.22	41.90	53.32	74	-20.68	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3666.690	6.87	33.05	38.81	43.97	45.08	74	-28.92	Vertical		
4831.806	6.48	34.73	39.25	45.10	47.06	74	-26.94	Vertical		
7754.279	9.37	35.62	39.02	43.84	49.81	74	-24.19	Vertical		
9562.801	10.01	37.23	37.96	43.15	52.43	74	-21.57	Vertical		
11510.000	10.39	38.23	38.47	43.43	53.58	74	-20.42	Vertical		
17265.000	16.25	40.99	41.69	37.97	53.52	74	-20.48	Vertical		
3493.527	6.98	32.88	38.74	46.14	47.26	74	-26.74	Horizontal		
4720.560	6.23	34.65	39.21	47.14	48.81	74	-25.19	Horizontal		
7685.120	9.35	35.56	39.03	46.42	52.30	74	-21.70	Horizontal		
9545.682	10.02	37.20	37.97	43.10	52.35	74	-21.65	Horizontal		
11510.000	10.39	38.23	38.47	41.12	51.27	74	-22.73	Horizontal		
17265.000	16.25	40.99	41.69	36.69	52.24	74	-21.76	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization		
3269.434	7.42	32.44	38.63	47.30	48.53	74	-25.47	Vertical		
4628.432	6.03	34.60	39.18	48.67	50.12	74	-23.88	Vertical		
7838.091	9.39	35.69	39.01	45.01	51.08	74	-22.92	Vertical		
9545.682	10.02	37.20	37.97	44.09	53.34	74	-20.66	Vertical		
11590.000	10.43	38.29	38.51	43.11	53.32	74	-20.68	Vertical		
17385.000	16.03	40.95	41.73	37.18	52.43	74	-21.57	Vertical		
3449.984	7.06	32.84	38.72	46.49	47.67	74	-26.33	Horizontal		
4670.083	6.12	34.62	39.19	47.38	48.93	74	-25.07	Horizontal		
7295.991	9.04	35.53	39.06	46.57	52.08	74	-21.92	Horizontal		
9259.305	9.91	36.64	38.15	42.90	51.30	74	-22.70	Horizontal		
11590.000	10.43	38.29	38.51	42.30	52.51	74	-21.49	Horizontal		
17385.000	16.03	40.95	41.73	37.62	52.87	74	-21.13	Horizontal		



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Test mode:		802.11ac(HT80)		Test channel:		42		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3269.434	7.42	32.44	38.63	45.35	46.58	74	-27.42	Vertical		
3932.078	6.73	33.38	38.92	46.19	47.38	74	-26.62	Vertical		
4840.471	6.50	34.74	39.25	46.72	48.71	74	-25.29	Vertical		
8182.499	9.50	35.85	38.87	41.96	48.44	74	-25.56	Vertical		
10420.000	9.95	37.09	37.93	42.18	51.29	74	-22.71	Vertical		
15630.000	12.97	39.56	41.20	42.22	53.55	74	-20.45	Vertical		
3524.966	6.96	32.92	38.75	47.36	48.49	74	-25.51	Horizontal		
4354.885	6.00	34.20	39.08	48.17	49.29	74	-24.71	Horizontal		
5135.310	6.96	34.87	39.28	47.93	50.48	74	-23.52	Horizontal		
8109.521	9.47	35.83	38.92	43.31	49.69	74	-24.31	Horizontal		
10420.000	9.95	37.09	37.93	43.19	52.30	74	-21.70	Horizontal		
15630.000	12.97	39.56	41.20	41.06	52.39	74	-21.61	Horizontal		

Test mode:		802.11ac(HT80)		Test channel:		155		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3346.482	7.26	32.64	38.67	45.89	47.12	74	-26.88	Vertical		
4678.458	6.14	34.63	39.20	47.48	49.05	74	-24.95	Vertical		
7282.930	9.02	35.55	39.06	47.49	53.00	74	-21.00	Vertical		
9477.513	10.04	37.08	38.01	42.88	51.99	74	-22.01	Vertical		
5775.000	7.73	35.85	39.21	48.61	52.98	74	-21.02	Vertical		
17325.000	16.14	40.97	41.71	37.33	52.73	74	-21.27	Vertical		
3518.655	6.96	32.91	38.75	46.10	47.22	74	-26.78	Horizontal		
4703.674	6.20	34.64	39.20	46.86	48.50	74	-25.50	Horizontal		
7361.648	9.13	35.46	39.05	45.13	50.67	74	-23.33	Horizontal		
9409.829	10.00	36.96	38.05	42.62	51.53	74	-22.47	Horizontal		
11550.000	10.41	38.26	38.49	42.95	53.13	74	-20.87	Horizontal		
17325.000	16.14	40.97	41.71	37.46	52.86	74	-21.14	Horizontal		

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Test mode:		802.11a		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3413.093	7.13	32.79	38.70	47.26	48.48	74	-25.52	Vertical		
7671.363	9.35	35.54	39.03	45.96	51.82	74	-22.18	Vertical		
9160.296	9.85	36.41	38.21	43.70	51.75	74	-22.25	Vertical		
4595.378	5.95	34.57	39.17	47.93	49.28	74	-24.72	Vertical		
10360.000	9.92	37.13	37.89	42.92	52.08	74	-21.92	Vertical		
15540.000	12.97	39.38	41.17	41.16	52.34	74	-21.66	Vertical		
3487.273	6.99	32.88	38.74	48.07	49.20	74	-24.80	Horizontal		
4840.471	6.50	34.74	39.25	47.91	49.90	74	-24.10	Horizontal		
7657.630	9.35	35.53	39.03	45.73	51.58	74	-22.42	Horizontal		
9409.829	10.00	36.96	38.05	43.28	52.19	74	-21.81	Horizontal		
10360.000	9.92	37.13	37.89	42.03	51.19	74	-22.81	Horizontal		
15540.000	12.97	39.38	41.17	41.59	52.77	74	-21.23	Horizontal		

Test mode:		802.11a		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Over Limit (dB)	Polarization		
3240.274	7.48	32.36	38.62	47.28	48.50	74	-25.50	Vertical		
4678.458	6.14	34.63	39.20	48.88	50.45	74	-23.55	Vertical		
7494.740	9.30	35.45	39.04	45.20	50.91	74	-23.09	Vertical		
9193.181	9.87	36.49	38.19	44.14	52.31	74	-21.69	Vertical		
10400.000	9.94	37.02	37.92	43.28	52.32	74	-21.68	Vertical		
15600.000	12.97	39.50	41.19	42.01	53.29	74	-20.71	Vertical		
3481.030	7.01	32.87	38.73	47.31	48.46	74	-25.54	Horizontal		
4670.083	6.12	34.62	39.19	49.14	50.69	74	-23.31	Horizontal		
7630.237	9.34	35.51	39.03	45.01	50.83	74	-23.17	Horizontal		
9160.296	9.85	36.41	38.21	42.28	50.33	74	-23.67	Horizontal		
10400.000	9.94	37.02	37.92	42.10	51.14	74	-22.86	Horizontal		
15600.000	12.97	39.50	41.19	41.32	52.60	74	-21.40	Horizontal		

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Test mode:		802.11a		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3352.483	7.25	32.66	38.67	46.38	47.62	74	-26.38	Vertical		
4703.674	6.20	34.64	39.20	47.87	49.51	74	-24.49	Vertical		
7880.337	9.39	35.72	39.01	42.29	48.39	74	-25.61	Vertical		
9597.131	9.99	37.29	37.94	43.48	52.82	74	-21.18	Vertical		
10480.000	9.97	37.30	37.96	43.28	52.59	74	-21.41	Vertical		
15720.000	12.96	39.74	41.23	40.65	52.12	74	-21.88	Vertical		
3257.739	7.44	32.41	38.63	45.42	46.64	74	-27.36	Horizontal		
4611.875	5.99	34.59	39.17	46.72	48.13	74	-25.87	Horizontal		
7269.892	9.01	35.56	39.06	46.86	52.37	74	-21.63	Horizontal		
9545.682	10.02	37.20	37.97	42.88	52.13	74	-21.87	Horizontal		
10480.000	9.97	37.30	37.96	43.07	52.38	74	-21.62	Horizontal		
15720.000	12.96	39.74	41.23	40.87	52.34	74	-21.66	Horizontal		

Test mode:		802.11a		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3468.578	7.03	32.86	38.73	45.66	46.82	74	-27.18	Vertical		
4720.560	6.23	34.65	39.21	47.69	49.36	74	-24.64	Vertical		
7754.279	9.37	35.62	39.02	45.31	51.28	74	-22.72	Vertical		
9562.801	10.01	37.23	37.96	43.39	52.67	74	-21.33	Vertical		
11490.000	10.39	38.22	38.46	42.59	52.74	74	-21.26	Vertical		
17235.000	16.31	41.01	41.69	36.82	52.45	74	-21.55	Vertical		
3506.069	6.97	32.90	38.74	46.49	47.62	74	-26.38	Horizontal		
4805.903	6.42	34.71	39.24	46.38	48.27	74	-25.73	Horizontal		
7866.230	9.39	35.71	39.01	43.09	49.18	74	-24.82	Horizontal		
9494.509	10.05	37.11	38.00	43.28	52.44	74	-21.56	Horizontal		
11490.000	10.39	38.22	38.46	42.80	52.95	74	-21.05	Horizontal		
17235.000	16.31	41.01	41.69	37.07	52.70	74	-21.30	Horizontal		

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Test mode:		802.11a		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3431.489	7.10	32.82	38.71	46.30	47.51	74	-26.49	Vertical		
4720.560	6.23	34.65	39.21	47.14	48.81	74	-25.19	Vertical		
7282.930	9.02	35.55	39.06	46.27	51.78	74	-22.22	Vertical		
9342.630	9.96	36.82	38.10	41.57	50.25	74	-23.75	Vertical		
11570.000	10.42	38.28	38.50	41.15	51.35	74	-22.65	Vertical		
17355.000	16.08	40.96	41.72	37.02	52.34	74	-21.66	Vertical		
3413.093	7.13	32.79	38.70	46.68	47.90	74	-26.10	Horizontal		
4695.254	6.18	34.64	39.20	47.66	49.28	74	-24.72	Horizontal		
7322.183	9.08	35.50	39.06	46.24	51.76	74	-22.24	Horizontal		
9409.829	10.00	36.96	38.05	42.57	51.48	74	-22.52	Horizontal		
11570.000	10.42	38.28	38.50	41.62	51.82	74	-22.18	Horizontal		
17355.000	16.08	40.96	41.72	37.53	52.85	74	-21.15	Horizontal		

Test mode:		802.11a		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3376.597	7.21	32.72	38.69	46.15	47.39	74	-26.61	Vertical		
4780.140	6.37	34.69	39.23	46.41	48.24	74	-25.76	Vertical		
7335.314	9.09	35.49	39.06	46.30	51.82	74	-22.18	Vertical		
9309.210	9.94	36.75	38.12	42.31	50.88	74	-23.12	Vertical		
11650.000	10.46	38.35	38.54	41.76	52.03	74	-21.97	Vertical		
17475.000	15.86	40.91	41.75	38.40	53.42	74	-20.58	Vertical		
3419.214	7.12	32.80	38.70	45.44	46.66	74	-27.34	Horizontal		
4746.002	6.29	34.67	39.22	45.17	46.91	74	-27.09	Horizontal		
7754.279	9.37	35.62	39.02	43.84	49.81	74	-24.19	Horizontal		
9160.296	9.85	36.41	38.21	42.12	50.17	74	-23.83	Horizontal		
11650.000	10.46	38.35	38.54	42.45	52.72	74	-21.28	Horizontal		
17475.000	15.86	40.91	41.75	37.47	52.49	74	-21.51	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3563.065	6.93	32.96	38.77	45.81	46.93	74	-27.07	Vertical		
4529.978	5.80	34.47	39.15	45.92	47.04	74	-26.96	Vertical		
7361.648	9.13	35.46	39.05	45.06	50.60	74	-23.40	Vertical		
9209.667	9.88	36.53	38.18	42.36	50.59	74	-23.41	Vertical		
10360.000	9.92	37.13	37.89	42.20	51.36	74	-22.64	Vertical		
15540.000	12.97	39.38	41.17	41.93	53.11	74	-20.89	Vertical		
3493.527	6.98	32.88	38.74	46.52	47.64	74	-26.36	Horizontal		
4653.378	6.08	34.61	39.19	47.88	49.38	74	-24.62	Horizontal		
7295.991	9.04	35.53	39.06	47.07	52.58	74	-21.42	Horizontal		
9460.546	10.03	37.05	38.02	42.88	51.94	74	-22.06	Horizontal		
10360.000	9.92	37.13	37.89	42.66	51.82	74	-22.18	Horizontal		
15540.000	12.97	39.38	41.17	41.67	52.85	74	-21.15	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3493.527	6.98	32.88	38.74	46.14	47.26	74	-26.74	Vertical		
4678.458	6.14	34.63	39.20	47.67	49.24	74	-24.76	Vertical		
7348.469	9.11	35.48	39.05	45.84	51.38	74	-22.62	Vertical		
9259.305	9.91	36.64	38.15	42.90	51.30	74	-22.70	Vertical		
10400.000	9.94	37.02	37.92	42.85	51.89	74	-22.11	Vertical		
15600.000	12.97	39.50	41.19	41.85	53.13	74	-20.87	Vertical		
3443.808	7.08	32.83	38.72	45.30	46.49	74	-27.51	Horizontal		
4720.560	6.23	34.65	39.21	46.49	48.16	74	-25.84	Horizontal		
7427.896	9.22	35.43	39.05	43.94	49.54	74	-24.46	Horizontal		
9176.724	9.86	36.45	38.20	41.99	50.10	74	-23.90	Horizontal		
10400.000	9.94	37.02	37.92	43.53	52.57	74	-21.43	Horizontal		
15600.000	12.97	39.50	41.19	40.98	52.26	74	-21.74	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3575.856	6.93	32.97	38.77	46.22	47.35	74	-26.65	Vertical		
4661.723	6.10	34.62	39.19	48.88	50.41	74	-23.59	Vertical		
7454.562	9.25	35.44	39.05	44.66	50.30	74	-23.70	Vertical		
9176.724	9.86	36.45	38.20	43.15	51.26	74	-22.74	Vertical		
10480.000	9.97	37.30	37.96	43.71	53.02	74	-20.98	Vertical		
15720.000	12.96	39.74	41.23	42.32	53.79	74	-20.21	Vertical		
3382.653	7.19	32.74	38.69	47.13	48.37	74	-25.63	Horizontal		
4473.516	5.78	34.38	39.13	47.48	48.51	74	-25.49	Horizontal		
7838.091	9.39	35.69	39.01	45.01	51.08	74	-22.92	Horizontal		
9477.513	10.04	37.08	38.01	43.87	52.98	74	-21.02	Horizontal		
10480.000	9.97	37.30	37.96	43.87	53.18	74	-20.82	Horizontal		
15720.000	12.96	39.74	41.23	41.46	52.93	74	-21.07	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3425.346	7.11	32.81	38.71	46.47	47.68	74	-26.32	Vertical		
4546.240	5.84	34.50	39.15	47.88	49.07	74	-24.93	Vertical		
7454.562	9.25	35.44	39.05	44.15	49.79	74	-24.21	Vertical		
9494.509	10.05	37.11	38.00	43.15	52.31	74	-21.69	Vertical		
11490.000	10.39	38.22	38.46	42.44	52.59	74	-21.41	Vertical		
17235.000	16.31	41.01	41.69	37.08	52.71	74	-21.29	Vertical		
3425.346	7.11	32.81	38.71	48.15	49.36	74	-24.64	Horizontal		
4562.561	5.88	34.52	39.16	47.49	48.73	74	-25.27	Horizontal		
7454.562	9.25	35.44	39.05	44.76	50.40	74	-23.60	Horizontal		
9376.170	9.98	36.89	38.08	42.80	51.59	74	-22.41	Horizontal		
11490.000	10.39	38.22	38.46	42.62	52.77	74	-21.23	Horizontal		
17235.000	16.31	41.01	41.69	36.64	52.27	74	-21.73	Horizontal		

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Test mode:		802.11n(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3456.171	7.05	32.84	38.72	47.63	48.80	74	-25.20	Vertical		
4729.026	6.25	34.66	39.21	48.05	49.75	74	-24.25	Vertical		
7685.120	9.35	35.56	39.03	46.98	52.86	74	-21.14	Vertical		
9562.801	10.01	37.23	37.96	43.72	53.00	74	-21.00	Vertical		
11570.000	10.42	38.28	38.50	42.59	52.79	74	-21.21	Vertical		
17355.000	16.08	40.96	41.72	37.93	53.25	74	-20.75	Vertical		
3537.620	6.95	32.93	38.76	46.51	47.63	74	-26.37	Horizontal		
4771.583	6.35	34.68	39.23	48.84	50.64	74	-23.36	Horizontal		
7922.810	9.40	35.75	39.01	44.12	50.26	74	-23.74	Horizontal		
9376.170	9.98	36.89	38.08	43.46	52.25	74	-21.75	Horizontal		
11570.000	10.42	38.28	38.50	43.20	53.40	74	-20.60	Horizontal		
17355.000	16.08	40.96	41.72	38.06	53.38	74	-20.62	Horizontal		

Test mode:		802.11n(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3240.274	7.48	32.36	38.62	47.28	48.50	74	-25.50	Vertical		
4763.041	6.33	34.68	39.22	47.94	49.73	74	-24.27	Vertical		
7441.216	9.23	35.43	39.05	45.29	50.90	74	-23.10	Vertical		
9193.181	9.87	36.49	38.19	44.14	52.31	74	-21.69	Vertical		
11570.000	10.42	38.28	38.50	42.37	52.57	74	-21.43	Vertical		
17475.000	15.86	40.91	41.75	38.27	53.29	74	-20.71	Vertical		
3419.214	7.12	32.80	38.70	47.57	48.79	74	-25.21	Horizontal		
4645.047	6.06	34.61	39.18	48.47	49.96	74	-24.04	Horizontal		
7796.073	9.38	35.66	39.02	46.33	52.35	74	-21.65	Horizontal		
9143.897	9.85	36.37	38.22	43.57	51.57	74	-22.43	Horizontal		
11650.000	10.46	38.35	38.54	42.14	52.41	74	-21.59	Horizontal		
17475.000	15.86	40.91	41.75	38.07	53.09	74	-20.91	Horizontal		

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Test mode:		802.11n(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3382.653	7.19	32.74	38.69	46.21	47.45	74	-26.55	Vertical		
4595.378	5.95	34.57	39.17	46.60	47.95	74	-26.05	Vertical		
7282.930	9.02	35.55	39.06	47.02	52.53	74	-21.47	Vertical		
9160.296	9.85	36.41	38.21	42.85	50.90	74	-23.10	Vertical		
10380.000	10.46	38.35	38.54	42.77	53.04	74	-20.96	Vertical		
15570.000	15.86	40.91	41.75	38.24	53.26	74	-20.74	Vertical		
3524.966	6.96	32.92	38.75	45.72	46.85	74	-27.15	Horizontal		
4695.254	6.18	34.64	39.20	47.87	49.49	74	-24.51	Horizontal		
7671.363	9.35	35.54	39.03	45.49	51.35	74	-22.65	Horizontal		
9359.385	9.97	36.85	38.09	40.94	49.67	74	-24.33	Horizontal		
10380.000	9.93	37.07	37.90	43.06	52.16	74	-21.84	Horizontal		
15570.000	12.97	39.44	41.18	41.11	52.34	74	-21.66	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3376.597	7.21	32.72	38.69	46.76	48.00	74	-26.00	Vertical		
4746.002	6.29	34.67	39.22	47.49	49.23	74	-24.77	Vertical		
7880.337	9.39	35.72	39.01	41.70	47.80	74	-26.20	Vertical		
9460.546	10.03	37.05	38.02	42.62	51.68	74	-22.32	Vertical		
10460.000	9.95	37.09	37.93	42.59	51.70	74	-22.30	Vertical		
15690.000	12.97	39.56	41.20	41.20	52.53	74	-21.47	Vertical		
3679.853	6.86	33.06	38.82	46.26	47.36	74	-26.64	Horizontal		
4771.583	6.35	34.68	39.23	47.27	49.07	74	-24.93	Horizontal		
7335.314	9.09	35.49	39.06	46.78	52.30	74	-21.70	Horizontal		
9259.305	9.91	36.64	38.15	43.63	52.03	74	-21.97	Horizontal		
10460.000	10.46	38.35	38.54	41.99	52.26	74	-21.74	Horizontal		
15690.000	15.86	40.91	41.75	36.99	52.01	74	-21.99	Horizontal		

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Test mode:		802.11n(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3732.980	6.83	33.10	38.84	46.25	47.34	74	-26.66	Vertical		
4884.031	6.59	34.79	39.26	46.26	48.38	74	-25.62	Vertical		
7335.314	9.09	35.49	39.06	46.53	52.05	74	-21.95	Vertical		
9460.546	10.03	37.05	38.02	43.50	52.56	74	-21.44	Vertical		
11510.000	10.39	38.23	38.47	42.37	52.52	74	-21.48	Vertical		
17265.000	16.25	40.99	41.69	36.28	51.83	74	-22.17	Vertical		
3620.989	6.90	33.02	38.79	45.42	46.55	74	-27.45	Horizontal		
4695.254	6.18	34.64	39.20	47.66	49.28	74	-24.72	Horizontal		
7361.648	9.13	35.46	39.05	44.58	50.12	74	-23.88	Horizontal		
9259.305	9.91	36.64	38.15	42.33	50.73	74	-23.27	Horizontal		
11510.000	10.39	38.23	38.47	41.64	51.79	74	-22.21	Horizontal		
17265.000	16.25	40.99	41.69	36.81	52.36	74	-21.64	Horizontal		

Test mode:		802.11n(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3468.578	7.03	32.86	38.73	45.81	46.97	74	-27.03	Vertical		
4695.254	6.18	34.64	39.20	47.38	49.00	74	-25.00	Vertical		
7361.648	9.13	35.46	39.05	45.40	50.94	74	-23.06	Vertical		
9094.878	9.82	36.24	38.25	44.63	52.44	74	-21.56	Vertical		
11590.000	10.43	38.29	38.51	42.30	52.51	74	-21.49	Vertical		
17385.000	16.03	40.95	41.73	38.12	53.37	74	-20.63	Vertical		
3406.983	7.15	32.79	38.70	45.02	46.26	74	-27.74	Horizontal		
4763.041	6.33	34.68	39.22	45.20	46.99	74	-27.01	Horizontal		
7852.148	9.39	35.70	39.01	43.66	49.74	74	-24.26	Horizontal		
9477.513	10.04	37.08	38.01	41.51	50.62	74	-23.38	Horizontal		
11590.000	10.43	38.29	38.51	41.10	51.31	74	-22.69	Horizontal		
17385.000	16.03	40.95	41.73	37.66	52.91	74	-21.09	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		36		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3419.214	7.12	32.80	38.70	48.14	49.36	74	-24.64	Vertical		
4457.514	5.81	34.35	39.12	46.79	47.83	74	-26.17	Vertical		
7796.073	9.38	35.66	39.02	46.57	52.59	74	-21.41	Vertical		
9545.682	10.02	37.20	37.97	43.54	52.79	74	-21.21	Vertical		
10360.000	9.92	37.13	37.89	43.24	52.40	74	-21.60	Vertical		
15540.000	12.97	39.38	41.17	41.53	52.71	74	-21.29	Vertical		
3449.984	7.06	32.84	38.72	47.67	48.85	74	-25.15	Horizontal		
4805.903	6.42	34.71	39.24	46.65	48.54	74	-25.46	Horizontal		
7768.185	9.37	35.63	39.02	46.53	52.51	74	-21.49	Horizontal		
9160.296	9.85	36.41	38.21	43.88	51.93	74	-22.07	Horizontal		
10360.000	9.92	37.13	37.89	43.41	52.57	74	-21.43	Horizontal		
15540.000	12.97	39.38	41.17	41.75	52.93	74	-21.07	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		40		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3352.483	7.25	32.66	38.67	46.49	47.73	74	-26.27	Vertical		
4661.723	6.10	34.62	39.19	48.05	49.58	74	-24.42	Vertical		
8037.194	9.44	35.81	38.97	43.69	49.97	74	-24.03	Vertical		
9511.536	10.04	37.14	37.99	43.04	52.23	74	-21.77	Vertical		
10400.000	9.94	37.02	37.92	43.15	52.19	74	-21.81	Vertical		
15600.000	12.97	39.50	41.19	41.43	52.71	74	-21.29	Vertical		
3370.552	7.22	32.70	38.68	47.79	49.03	74	-24.97	Horizontal		
4505.693	5.74	34.43	39.14	47.64	48.67	74	-25.33	Horizontal		
7824.060	9.38	35.68	39.01	46.95	53.00	74	-21.00	Horizontal		
9460.546	10.03	37.05	38.02	43.81	52.87	74	-21.13	Horizontal		
10400.000	9.94	37.02	37.92	43.01	52.05	74	-21.95	Horizontal		
15560.000	12.97	39.42	41.18	40.83	52.04	74	-21.96	Horizontal		



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Test mode:		802.11ac(HT20)		Test channel:		48		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3543.964	6.94	32.94	38.76	46.60	47.72	74	-26.28	Vertical		
4603.619	5.97	34.58	39.17	47.96	49.34	74	-24.66	Vertical		
7838.091	9.39	35.69	39.01	44.42	50.49	74	-23.51	Vertical		
9176.724	9.86	36.45	38.20	42.99	51.10	74	-22.90	Vertical		
10480.000	9.97	37.30	37.96	43.27	52.58	74	-21.42	Vertical		
15720.000	12.96	39.74	41.23	41.54	53.01	74	-20.99	Vertical		
3487.273	6.99	32.88	38.74	48.07	49.20	74	-24.80	Horizontal		
4603.619	5.97	34.58	39.17	48.77	50.15	74	-23.85	Horizontal		
7838.091	9.39	35.69	39.01	45.30	51.37	74	-22.63	Horizontal		
9342.630	9.96	36.82	38.10	43.31	51.99	74	-22.01	Horizontal		
10480.000	9.97	37.30	37.96	42.84	52.15	74	-21.85	Horizontal		
15720.000	12.96	39.74	41.23	41.14	52.61	74	-21.39	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		149		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3382.653	7.19	32.74	38.69	47.49	48.73	74	-25.27	Vertical		
4670.083	6.12	34.62	39.19	48.63	50.18	74	-23.82	Vertical		
7441.216	9.23	35.43	39.05	45.29	50.90	74	-23.10	Vertical		
9477.513	10.04	37.08	38.01	43.66	52.77	74	-21.23	Vertical		
11490.000	10.39	38.22	38.46	42.42	52.57	74	-21.43	Vertical		
17235.000	16.31	41.01	41.69	37.49	53.12	74	-20.88	Vertical		
3456.171	7.05	32.84	38.72	48.22	49.39	74	-24.61	Horizontal		
4546.240	5.84	34.50	39.15	47.25	48.44	74	-25.56	Horizontal		
8037.194	9.44	35.81	38.97	44.25	50.53	74	-23.47	Horizontal		
9443.610	10.02	37.02	38.03	42.94	51.95	74	-22.05	Horizontal		
11490.000	10.39	38.22	38.46	41.88	52.03	74	-21.97	Horizontal		
17235.000	16.31	41.01	41.69	36.46	52.09	74	-21.91	Horizontal		

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Test mode:		802.11ac(HT20)		Test channel:		157		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3462.369	7.04	32.85	38.72	45.96	47.13	74	-26.87	Vertical		
4595.378	5.95	34.57	39.17	46.60	47.95	74	-26.05	Vertical		
7335.314	9.09	35.49	39.06	45.93	51.45	74	-22.55	Vertical		
9242.729	9.90	36.60	38.16	43.61	51.95	74	-22.05	Vertical		
11570.000	10.42	38.28	38.50	43.11	53.31	74	-20.69	Vertical		
17355.000	16.08	40.96	41.72	37.94	53.26	74	-20.74	Vertical		
3493.527	6.98	32.88	38.74	45.78	46.90	74	-27.10	Horizontal		
4703.674	6.20	34.64	39.20	47.72	49.36	74	-24.64	Horizontal		
7824.060	9.38	35.68	39.01	44.33	50.38	74	-23.62	Horizontal		
9392.984	9.99	36.93	38.06	42.06	50.92	74	-23.08	Horizontal		
11570.000	10.42	38.28	38.50	42.50	52.70	74	-21.30	Horizontal		
17355.000	16.08	40.96	41.72	37.02	52.34	74	-21.66	Horizontal		

Test mode:		802.11ac(HT20)		Test channel:		165		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3431.489	7.10	32.82	38.71	46.24	47.45	74	-26.55	Vertical		
4729.026	6.25	34.66	39.21	47.61	49.31	74	-24.69	Vertical		
7361.648	9.13	35.46	39.05	44.45	49.99	74	-24.01	Vertical		
9275.910	9.92	36.67	38.14	42.53	50.98	74	-23.02	Vertical		
11650.000	10.46	38.35	38.54	42.76	53.03	74	-20.97	Vertical		
17475.000	15.86	40.91	41.75	38.30	53.32	74	-20.68	Vertical		
3370.552	7.22	32.70	38.68	46.67	47.91	74	-26.09	Horizontal		
4695.254	6.18	34.64	39.20	48.01	49.63	74	-24.37	Horizontal		
7401.325	9.18	35.42	39.05	45.52	51.07	74	-22.93	Horizontal		
8759.023	9.70	35.95	38.47	43.11	50.29	74	-23.71	Horizontal		
11650.000	10.46	38.35	38.54	41.99	52.26	74	-21.74	Horizontal		
17475.000	15.86	40.91	41.75	38.14	53.16	74	-20.84	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		38		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3425.346	7.11	32.81	38.71	47.47	48.68	74	-25.32	Vertical		
4754.514	6.31	34.67	39.22	47.74	49.50	74	-24.50	Vertical		
7838.091	9.39	35.69	39.01	44.42	50.49	74	-23.51	Vertical		
9494.509	10.05	37.11	38.00	43.47	52.63	74	-21.37	Vertical		
10380.000	9.93	37.07	37.90	43.69	52.79	74	-21.21	Vertical		
15570.000	12.97	39.44	41.18	42.31	53.54	74	-20.46	Vertical		
3640.505	6.89	33.03	38.80	47.83	48.95	74	-25.05	Horizontal		
4628.432	6.03	34.60	39.18	49.18	50.63	74	-23.37	Horizontal		
7838.091	9.39	35.69	39.01	45.30	51.37	74	-22.63	Horizontal		
9309.210	9.94	36.75	38.12	43.42	51.99	74	-22.01	Horizontal		
10380.000	9.93	37.07	37.90	44.59	53.69	74	-20.31	Horizontal		
15570.000	12.97	39.44	41.18	42.24	53.47	74	-20.53	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		46		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3425.346	7.11	32.81	38.71	48.60	49.81	74	-24.19	Vertical		
4703.674	6.20	34.64	39.20	48.76	50.40	74	-23.60	Vertical		
7427.896	9.22	35.43	39.05	46.35	51.95	74	-22.05	Vertical		
9193.181	9.87	36.49	38.19	44.14	52.31	74	-21.69	Vertical		
10420.000	9.95	37.09	37.93	43.21	52.32	74	-21.68	Vertical		
15630.000	12.97	39.56	41.20	41.79	53.12	74	-20.88	Vertical		
3406.983	7.15	32.79	38.70	47.36	48.60	74	-25.40	Horizontal		
4678.458	6.14	34.63	39.20	48.79	50.36	74	-23.64	Horizontal		
7796.073	9.38	35.66	39.02	46.33	52.35	74	-21.65	Horizontal		
9193.181	9.87	36.49	38.19	43.69	51.86	74	-22.14	Horizontal		
10460.000	9.95	37.09	37.93	43.59	52.70	74	-21.30	Horizontal		
15690.000	12.97	39.56	41.20	41.76	53.09	74	-20.91	Horizontal		

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Test mode:		802.11ac(HT40)		Test channel:		151		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3666.690	6.87	33.05	38.81	46.90	48.01	74	-25.99	Vertical		
4678.458	6.14	34.63	39.20	46.81	48.38	74	-25.62	Vertical		
7782.116	9.37	35.64	39.02	45.40	51.39	74	-22.61	Vertical		
9579.950	10.00	37.26	37.95	43.55	52.86	74	-21.14	Vertical		
11510.000	10.39	38.23	38.47	43.43	53.58	74	-20.42	Vertical		
17265.000	16.25	40.99	41.69	37.16	52.71	74	-21.29	Vertical		
3394.796	7.17	32.77	38.69	47.67	48.92	74	-25.08	Horizontal		
4603.619	5.97	34.58	39.17	47.69	49.07	74	-24.93	Horizontal		
7481.323	9.29	35.44	39.04	44.68	50.37	74	-23.63	Horizontal		
8806.232	9.71	35.96	38.44	43.24	50.47	74	-23.53	Horizontal		
11510.000	10.39	38.23	38.47	42.95	53.10	74	-20.90	Horizontal		
17265.000	16.25	40.99	41.69	37.94	53.49	74	-20.51	Horizontal		

Test mode:		802.11ac(HT40)		Test channel:		159		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3449.984	7.06	32.84	38.72	46.64	47.82	74	-26.18	Vertical		
4620.146	6.01	34.59	39.18	47.78	49.20	74	-24.80	Vertical		
7508.180	9.31	35.45	39.04	44.48	50.20	74	-23.80	Vertical		
9359.385	9.97	36.85	38.09	41.77	50.50	74	-23.50	Vertical		
11590.000	10.43	38.29	38.51	43.19	53.40	74	-20.60	Vertical		
17385.000	16.03	40.95	41.73	38.54	53.79	74	-20.21	Vertical		
3531.287	6.95	32.93	38.76	47.23	48.35	74	-25.65	Horizontal		
4611.875	5.99	34.59	39.17	48.09	49.50	74	-24.50	Horizontal		
7768.185	9.37	35.63	39.02	46.53	52.51	74	-21.49	Horizontal		
9078.597	9.81	36.20	38.26	45.30	53.05	74	-20.95	Horizontal		
11590.000	10.43	38.29	38.51	42.90	53.11	74	-20.89	Horizontal		
17385.000	16.03	40.95	41.73	37.49	52.74	74	-21.26	Horizontal		

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Test mode:		802.11ac(HT80)		Test channel:		42		Remark:		Peak
Frequency (MHz)	Cable Loss (dB)	Antenna Factor (dB/m)	Preamp Factor (dB)	Read Level (dBuV)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization		
3531.287	6.95	32.93	38.76	46.37	47.49	74	-26.51	Vertical		
4562.561	5.88	34.52	39.16	46.22	47.46	74	-26.54	Vertical		
7322.183	9.08	35.50	39.06	46.40	51.92	74	-22.08	Vertical		
9292.546	9.93	36.71	38.13	41.85	50.36	74	-23.64	Vertical		
10420.000	9.95	37.09	37.93	43.93	53.04	74	-20.96	Vertical		
15630.000	12.97	39.56	41.20	41.79	53.12	74	-20.88	Vertical		
3456.171	7.05	32.84	38.72	46.47	47.64	74	-26.36	Horizontal		
4695.254	6.18	34.64	39.20	47.87	49.49	74	-24.51	Horizontal		
7782.116	9.37	35.64	39.02	45.52	51.51	74	-22.49	Horizontal		
9013.763	9.77	36.04	38.30	43.77	51.28	74	-22.72	Horizontal		
10420.000	9.95	37.09	37.93	43.58	52.69	74	-21.31	Horizontal		
15630.000	12.97	39.56	41.20	42.01	53.34	74	-20.66	Horizontal		

Test mode:		802.11ac(HT80)		Test channel:		155		Remark:		Peak
Frequency (MHz)	Cable loss (dB)	Antenna factors (dB/m)	Preamp factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Limit (dBμV/m)	Over Limit (dB)	Polarization		
3493.527	6.98	32.88	38.74	45.71	46.83	74	-27.17	Vertical		
4695.254	6.18	34.64	39.20	47.66	49.28	74	-24.72	Vertical		
7282.930	9.02	35.55	39.06	47.03	52.54	74	-21.46	Vertical		
9275.910	9.92	36.67	38.14	42.53	50.98	74	-23.02	Vertical		
11550.000	10.41	38.26	38.49	41.52	51.70	74	-22.30	Vertical		
17325.000	16.14	40.97	41.71	36.92	52.32	74	-21.68	Vertical		
3352.483	7.25	32.66	38.67	46.38	47.62	74	-26.38	Horizontal		
4780.140	6.37	34.69	39.23	47.37	49.20	74	-24.80	Horizontal		
7824.060	9.38	35.68	39.01	45.33	51.38	74	-22.62	Horizontal		
9562.801	10.01	37.23	37.96	43.38	52.66	74	-21.34	Horizontal		
11550.000	10.41	38.26	38.49	42.53	52.71	74	-21.29	Horizontal		
17325.000	16.14	40.97	41.71	37.06	52.46	74	-21.54	Horizontal		

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Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

- 2) Scan from 9kHz to 25GHz, The disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported .
- 3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

6.9 Restricted bands edge

Test Requirement:	47 CFR Part 15C Section 15.407
Test Method:	ANSI C63.10 2009
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)
Limit:	<p>(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
Test Setup:	

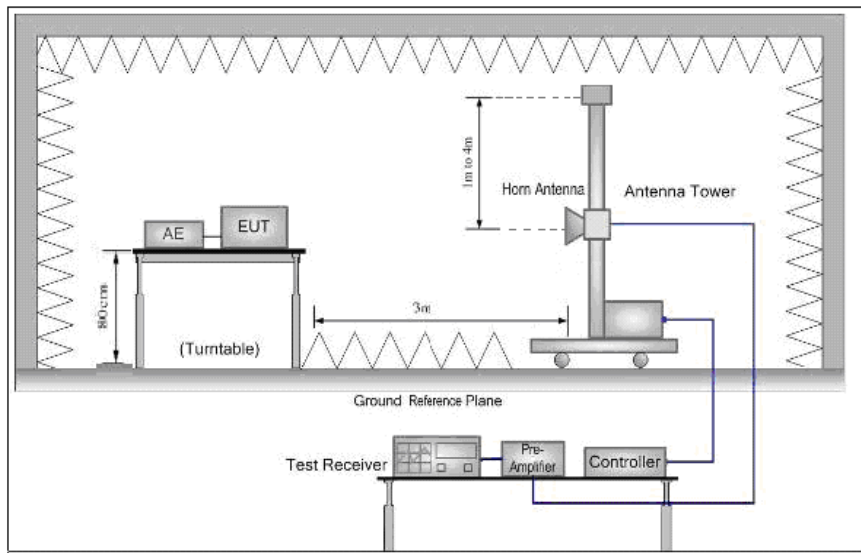


Figure 1.



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<p>Test Procedure:</p>	<ol style="list-style-type: none"> a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel g. Test the EUT in the lowest channel , the Highest channel h. Repeat above procedures until all frequencies measured was complete.
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates.</p>
<p>Final Test Mode:</p>	<p>Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCSO of rate is the worst case of 802.11n(HT20); MCSO of rate is the worst case of 802.11n(HT40); MCSO of rate is the worst case of 802.11ac(HT20); MCSO of rate is the worst case of 802.11ac(HT40); MCSO of rate is the worst case of 802.11ac(HT80). Only the worst case is recorded in the report.</p>
<p>Instruments Used:</p>	<p>Refer to section 5.10 for details</p>
<p>Test Results:</p>	<p>Pass</p> <p>Remark: Please refer to the Attachment A. 3.7 The limit other than restricted band as 68.2dBuV/m because -27dBm/Mhz is the limit for 15.407</p>