

TEST REPORT

Applicant: KAON BROADBAND Co., Ltd

Address of Applicant: 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea

Manufacturer: KAON BROADBAND Co., Ltd

Address of Manufacturer: 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea

Factory: Bowei Technology Co., Ltd

Address of Factory: 2F, Building 2, No. 306 Gushui Road, Haining Economic Development Zone, Haining, Jiaxing City, Zhejiang, 314499, China

Equipment Under Test (EUT)

Product Name: GPON ONT

Model No.: PG2142

Trade Mark: 

FCC ID: 2AXCW-PG2142

Applicable standards: FCC CFR Title 47 Part 15 Subpart E Section 15.407

Date of sample receipt: May 07, 2025

Date of Test: May 07, 2025-July 16, 2025

Date of report issue: July 16, 2025

Test Result : PASS *

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

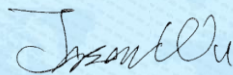
Robinson Luo
Laboratory Manager

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

2 Version

Version No.	Date	Description
00	July 16, 2025	Original

Prepared By:

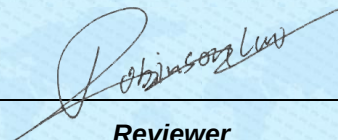


Date:

July 16, 2025

Project Engineer

Check By:



Date:

July 16, 2025

Reviewer

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4 Test Summary

Test Item	Section	Result
Antenna requirement	FCC part 15.203	PASS
AC Power Line Conducted Emission	FCC part 15.207	PASS
Emission Bandwidth	FCC part 15.407	PASS
Maximum Conducted Output Power	FCC part 15.407(a)(1)	PASS
Power Spectral Density	FCC part 15.407(a)(1)	PASS
Undesirable Emission	FCC part 15.407(b), 15.205/15.209	PASS
Radiated Emission	FCC part 15.205/15.209	PASS
Band Edge	FCC part 15.407(b)(1)	PASS
Frequency Stability	FCC part 15.407(g)	N/A

Remark:

Pass: The EUT complies with the essential requirements in the standard.

N/A: Not applicable.

4.1 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 7.25 \times 10^{-8}$
2	Duty cycle	$\pm 0.37\%$
3	Occupied Bandwidth	$\pm 3\%$
4	RF conducted power	$\pm 0.75\text{dB}$
5	RF power density	$\pm 3\text{dB}$
6	Conducted Spurious emissions	$\pm 2.58\text{dB}$
7	AC Power Line Conducted Emission	$\pm 3.44\text{dB}$ (0.15MHz ~ 30MHz)
8	Radiated Spurious emission test	$\pm 3.1\text{dB}$ (9kHz-30MHz)
		$\pm 3.8039\text{dB}$ (30MHz-200MHz)
		$\pm 3.9679\text{dB}$ (200MHz-1GHz)
		$\pm 4.29\text{dB}$ (1GHz-18GHz)
		$\pm 3.30\text{dB}$ (18GHz-40GHz)
9	Temperature test	$\pm 1^\circ\text{C}$
10	Humidity test	$\pm 3\%$
11	Time	$\pm 3\%$

5 General Information

5.1 General Description of EUT

Product Name:	GPON ONT			
Model No.:	PG2142			
Test Model No:	PG2142			
Remark:	There are no series models.			
Test sample(s) ID:	GTSL2025050367-2			
Sample(s) Status:	Engineer sample			
S/N:	KAON14xxyzz			
Operation Frequency:	Band	Mode	Frequency Range (MHz)	Number of channels
	U-NII Band I	IEEE 802.11a	5180-5240	4
		IEEE 802.11n/ac/ax 20MHz	5180-5240	4
		IEEE 802.11n/ac/ax 40MHz	5190-5230	2
		IEEE 802.11ac/ax 80MHz	5210	1
	U-NII Band II-2A	IEEE 802.11a	5260-5320	4
		IEEE 802.11n/ac/ax 20MHz	5260-5320	4
		IEEE 802.11n/ac/ax 40MHz	5270-5310	2
		IEEE 802.11ac/ax 80MHz	5290	1
	U-NII Band I and U-NII Band II-2A	IEEE 802.11ac/ax 160MHz	5250	1
	U-NII Band II-2C	IEEE 802.11a	5500-5700	11
		IEEE 802.11n/ac/ax 20MHz	5500-5700	11
		IEEE 802.11n/ac/ax 40MHz	5510-5670	5
		IEEE 802.11ac/ax 80MHz	5530-5610	2
Modulation technology:	OFDM			
Antenna Type:	PCB Antenna			
Antenna gain:	3.3dBi			
Power supply:	12V $\frac{1}{2}$ 1.5A			

Remark:

1. Antenna gain information provided by the customer
2. The relevant information of the sample is provided by the entrusting company, and the laboratory is not responsible for its authenticity.

Channel list for 802.11a/n(HT20)/ac(HT20)/ax(HE20)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
36	5180MHz	40	5200MHz	44	5220MHz	48	5240MHz
52	5260MHz	56	5280MHz	60	5300MHz	64	5320MHz
100	5500MHz	104	5520MHz	108	5540MHz	112	5560MHz
116	5580MHz	120	5600MHz	124	5620MHz	128	5640MHz
132	5660MHz	136	5680MHz	140	5700MHz		

Channel list for 802.11n(HT40)/ac(HT40)/ax(HE40)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz	54	5270MHz	62	5310MHz
102	5510MHz	110	5550MHz	118	5590MHz	126	5630MHz
134	5670MHz						

Channel list for 802.11ac(HT80) /ax(HE80)							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
42	5210MHz	58	5290MHz	106	5530MHz	122	5610MHz

5.2 Test mode

Transmitting mode	Keep the EUT in transmitting with modulation..		
We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:			
Pre-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.			
Mode	Data rate	Mode	Data rate
802.11a/n/ac (HT20) /ax(HE20)	6/6.5 Mbps	802.11ac(HT80) /ax(HE80)	29.3 Mbps
802.11n/ac(HT40) /ax(HE40)	13.5 Mbps	802.11ac(HT160) /ax(HE160)	29.3 Mbps

5.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations: ● FCC —Registration No.: 381383 Designation Number: CN5029 Global United Technology 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 files. ● ISED—Registration No.: 9079A CAB identifier: CN0091 The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of ISED for radio equipment testing . ● NVLAP (LAB CODE:600179-0) Global United Technology Services Co., Ltd., is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

5.4 Test Location

All tests were performed at:
Global United Technology Services Co., Ltd. Address: No. 123-128, Tower A, Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102 Tel: 0755-27798480 Fax: 0755-27798960

5.5 Description of Support Units

None.

5.6 Deviation from Standards

None.

5.7 Additional Instructions

Test Software	Secure CRT (Version 6.2.3)
Power level setup	Default

6 Test Instruments list

Radiated Emission:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	Apr. 11, 2025	Apr. 10, 2026
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A
3	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	Apr. 12, 2025	Apr. 11, 2026
4	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9168	GTS640	Apr. 12, 2025	Apr. 11, 2026
5	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	BBHA 9120 D	GTS208	Apr. 11, 2025	Apr. 10, 2026
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	GTS575	Jul. 01, 2025	Jun. 30, 2026
7	Loop Antenna	ZHINAN	ZN30900A	GTS534	Nov.16, 2024	Nov.15, 2025
8	Broadband Preamplifier	SCHWARZBECK	BBV9718	GTS535	Apr. 11, 2025	Apr. 10, 2026
9	Amplifier(1GHz-26.5GHz)	HP	8449B	GTS601	Apr. 11, 2025	Apr. 10, 2026
10	Horn Antenna (18GH-40GHz)	Schwarzbeck	BBHA 9170	GTS691	Apr. 11, 2025	Apr. 10, 2026
11	FSV·Signal Analyzer (10Hz-40GHz)	Keysight	FSV-40-N	GTS666	Mar. 11, 2025	Mar. 10, 2026
12	Amplifier	/	LNA-1000-30S	GTS650	Apr. 11, 2025	Apr. 10, 2026
13	CDNE M2+M3-16A	HCT	30MHz-300MHz	GTS692	Nov. 13, 2024	Nov. 12, 2025
14	Wideband Amplifier	/	WDA-01004000-15P35	GTS602	Apr. 11, 2025	Apr. 10, 2026
15	Thermo meter	JINCHUANG	GSP-8A	GTS643	Apr. 15, 2025	Apr. 14, 2026
16	RE cable 1	GTS	N/A	GTS675	Jul. 01, 2025	Jun. 30, 2026
17	RE cable 2	GTS	N/A	GTS676	Jul. 01, 2025	Jun. 30, 2026
18	RE cable 3	GTS	N/A	GTS677	Jul. 01, 2025	Jun. 30, 2026
19	RE cable 4	GTS	N/A	GTS678	Jul. 01, 2025	Jun. 30, 2026
20	RE cable 5	GTS	N/A	GTS679	Jul. 01, 2025	Jun. 30, 2026
21	RE cable 6	GTS	N/A	GTS680	Jul. 01, 2025	Jun. 30, 2026
22	RE cable 7	GTS	N/A	GTS681	Jul. 04, 2025	Jul. 03, 2026
23	RE cable 8	GTS	N/A	GTS682	Jul. 04, 2025	Jul. 03, 2026
24	EMI Test Software	AUDIX	E3-6.100614a	GTS725	N/A	N/A

Conducted Emission						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Shielding Room	ZhongYu Electron	7.3(L)x3.1(W)x2.9(H)	GTS252	Jul. 12, 2022	Jul. 11, 2027
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 12, 2025	Apr. 11, 2026
3	LISN	ROHDE & SCHWARZ	ENV216	GTS226	Apr. 11, 2025	Apr. 10, 2026
4	Coaxial Cable	GTS	N/A	GTS227	N/A	N/A
5	Thermo meter	JINCHUANG	GSP-8A	GTS642	Apr. 15, 2025	Apr. 14, 2026
6	Absorbing clamp	Elektronik-Feinmechanik	MDS21	GTS229	Apr. 12, 2025	Apr. 11, 2026
7	ISN	SCHWARZBECK	NTFM 8158	GTS565	Apr. 11, 2025	Apr. 10, 2026
8	High voltage probe	SCHWARZBECK	TK9420	GTS537	Apr. 11, 2025	Apr. 10, 2026
9	Antenna end assembly	Weinschel	1870A	GTS560	Apr. 11, 2025	Apr. 10, 2026
10	JS32-CE	Tonscend	N/A	GTS905	N/A	N/A

RF Conducted Test:						
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	MXA Signal Analyzer	Agilent	N9020A	GTS566	Apr. 11, 2025	Apr. 10, 2026
2	EMI Test Receiver	R&S	ESCI 7	GTS552	Apr. 12, 2025	Apr. 11, 2026
3	ESG Analog Signal Generator	Agilent	E4428C	GTS568	Apr. 11, 2025	Apr. 10, 2026
4	Wideband Power Meter	Keysight	N1924A	GTS673	Apr. 11, 2025	Apr. 10, 2026
5	USB RF Power Sensor	DARE	RPR3006W	GTS569	Apr. 11, 2025	Apr. 10, 2026
6	RF Switch Box	Shongyi	RFSW3003328	GTS571	Apr. 11, 2025	Apr. 10, 2026
7	Programmable Constant Temp & Humi Test Chamber	WEWON	WHTH-150L-40-880	GTS572	Apr. 11, 2025	Apr. 10, 2026
8	Thermo meter	JINCHUANG	GSP-8A	GTS641	Apr. 15, 2025	Apr. 14, 2026
9	UXA Signal Analyzer	keysight	N9040B-550	GTS901	Jul. 30, 2024	Jul. 29, 2025
10	MXG Vector Signal Generator	keysight	N5182B	GTS902	Jul. 30, 2024	Jul. 29, 2025
11	RF Contorl Unit	Tonscend	JS0806-2	GTS903	Aug. 19, 2024	Aug. 18, 2025

General used equipment:						
Item	Test Equipment	Manufacturer	Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)
1	Barometer	KUMAO	SF132	GTS647	Aug. 17, 2024	Aug. 16, 2025

7 Test results and Measurement Data

7.1 Antenna requirement:

Standard requirement:	FCC Part15 C 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.	
E.U.T Antenna:	
The antenna is PCB antenna, reference to the appendix II for details	

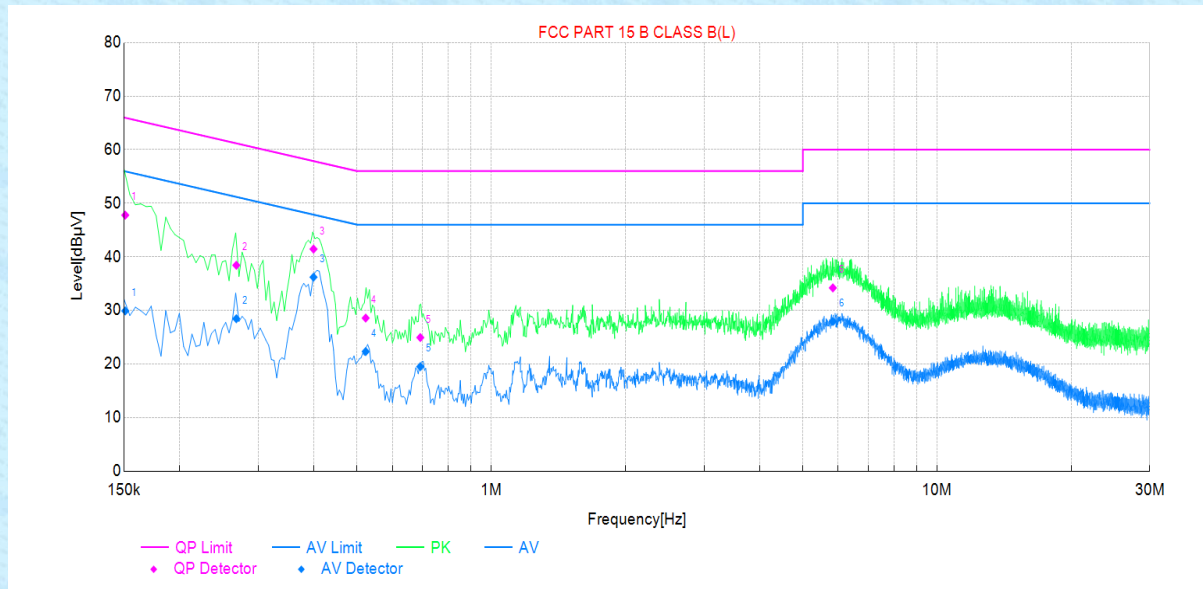
7.2 Conducted Emissions

Test Requirement:	FCC Part15 C Section 15.207						
Test Method:	ANSI C63.10:2013						
Test Frequency Range:	150KHz to 30MHz						
Receiver setup:	RBW=9KHz, VBW=30KHz						
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	The E.U.T and simulators are connected to the main power through a line impedance stabilization network(L.I.S.N.). The provide a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10:2013 on conducted measurement.						
Test setup:	Reference Plane 40cm LISN AUX Equipment E.U.T 40cm 80cm 40cm LISN Filter AC power EMI Receiver Test table/Insulation plane Remark: E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network Test table height=0.8m						
Test Instruments:	Refer to section 6.0 for details						
Test mode:	Refer to section 5.2 for details						
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar	
Test voltage:	AC 120V, 60Hz						
Test results:	Pass						

Measurement data:

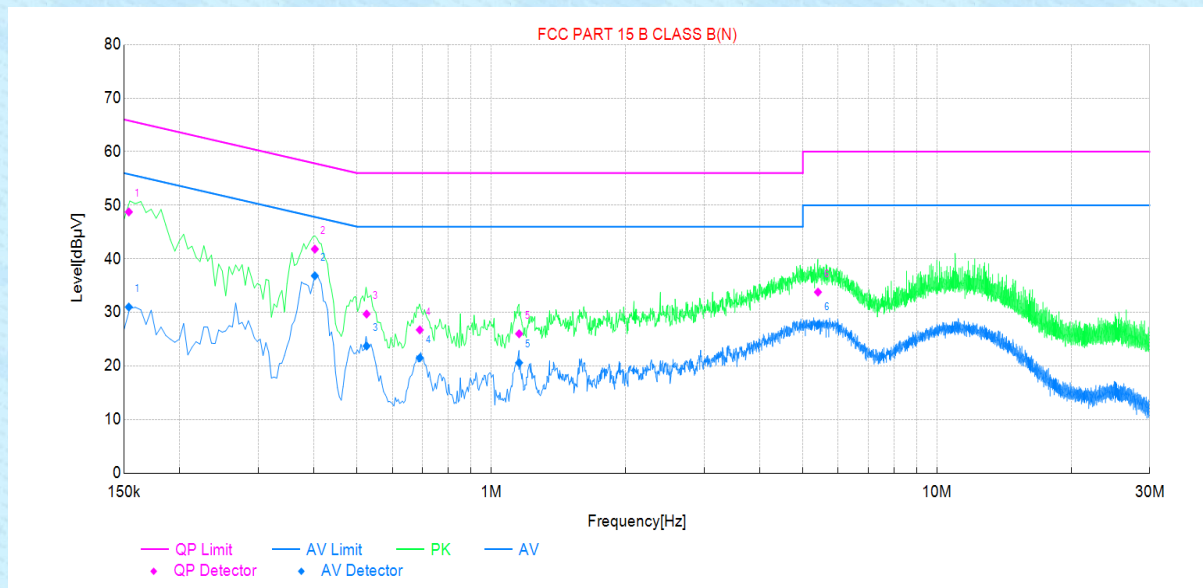
Pre-scan all test modes, found worst case at 802.11a 5180MHz, and so only show the test result of it

Line:



NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1509	19.91	27.87	47.78	65.95	18.17	9.99	29.90	55.95	26.05	PASS
2	0.2678	19.92	18.51	38.43	61.19	22.76	8.52	28.44	51.19	22.75	PASS
3	0.3991	19.93	21.52	41.45	57.87	16.42	16.27	36.20	47.87	11.67	PASS
4	0.5225	19.94	8.63	28.57	56.00	27.43	2.38	22.32	46.00	23.68	PASS
5	0.6929	19.92	4.98	24.93	56.00	31.07	-0.45	19.50	46.00	26.50	PASS
6	5.8377	20.10	14.10	34.20	60.00	25.80	7.84	27.94	50.00	22.06	PASS

Neutral:

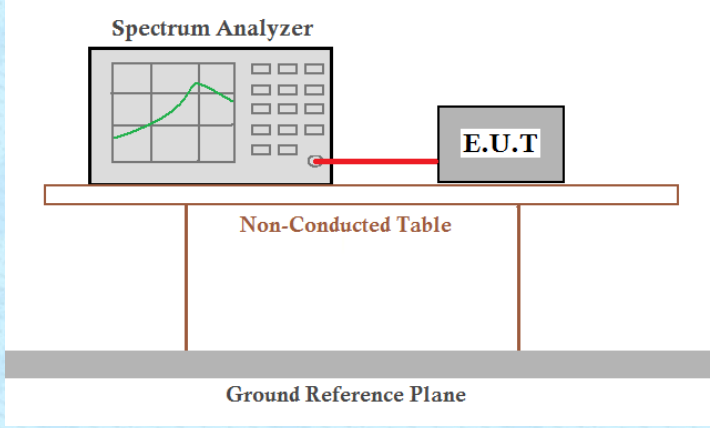


NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Verdict
1	0.1537	19.81	28.94	48.75	65.80	17.05	11.19	31.00	55.80	24.80	PASS
2	0.4019	19.83	21.98	41.81	57.81	16.00	17.00	36.83	47.81	10.98	PASS
3	0.5250	19.84	9.85	29.69	56.00	26.31	3.88	23.72	46.00	22.28	PASS
4	0.6911	19.85	6.88	26.73	56.00	29.27	1.66	21.51	46.00	24.49	PASS
5	1.1544	19.88	6.13	26.01	56.00	29.99	0.72	20.60	46.00	25.40	PASS
6	5.4060	19.99	13.80	33.79	60.00	26.21	7.70	27.69	50.00	22.31	PASS

Notes:

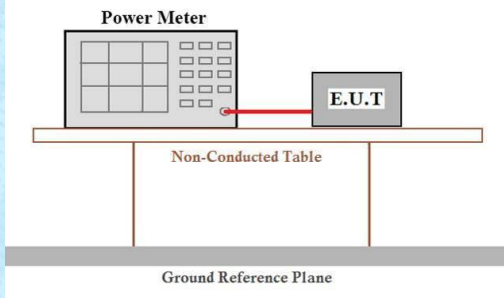
1. An initial pre-scan was performed on the line and neutral lines with peak detector.
2. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
3. Level=Reading+Factor

7.3 Emission Bandwidth

Test Requirement :	FCC Part15 E Section 15.407
Test Method :	ANSI C63.10:2013 & KDB 789033 D02 v02r01
Limit:	N/A
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer, shown with a grid and a green curve, is connected to an E.U.T (Equipment Under Test) box by a red cable. Both the Spectrum Analyzer and the E.U.T are positioned on a table labeled 'Non-Conducted Table'. This table is supported by two vertical legs and sits on a 'Ground Reference Plane', which is represented by a grey horizontal bar at the bottom of the setup.
Test procedure:	According to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

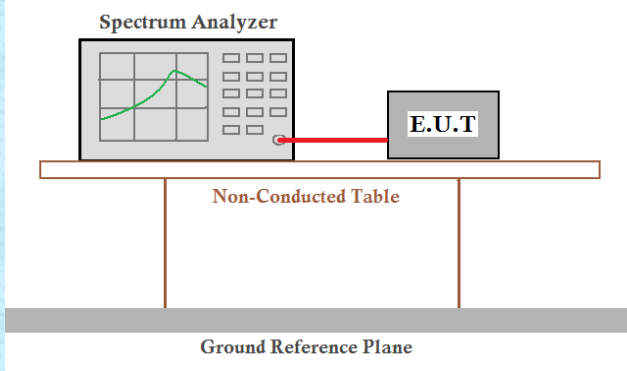
Measurement Data: The detailed test data see Appendix.

7.4 Maximum Conducted Output Power

Test Requirement	FCC Part15 E Section 15.407	
Test Method :	ANSI C63.10:2013 & KDB 789033 D02 v02r01	
Limit:	Frequency band (MHz)	Limit
	5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
		$\leq 250\text{Mw}(23.98\text{dBm})$ for client device
	5250-5350	$\leq 250\text{Mw}(23.98\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
	5470-5725	$\leq 250\text{Mw}(23.98\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
Remark: *Where B is the 26Db emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.		
Test setup:		
Duty Cycle set up:	RBW=VBW=8MHz	
Test procedure:	Measurement using an RF average power meter (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle. b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level. c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five. (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B). (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter. (iv) Adjust the measurement in dBm by adding $10 \log(1/x)$ where x is the duty cycle (e.g., $10\log(1/0.25)$ if the duty cycle is 25 percent).	
Test Instruments:	Refer to section 6.0 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	

Measurement Data: The detailed test data see Appendix.

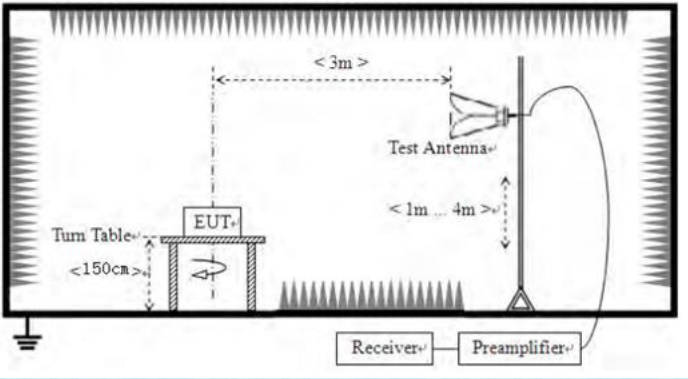
7.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407	
Test Method :	ANSI C63.10:2013 & KDB 789033 D02 v02r01	
Limit:	Frequency band (MHz)	Limit
	5150-5250	≤17dBm in 1MHz for master device
		≤11dBm in 1MHz for client device
	5250-5350	≤11dBm in 1MHz for client device
	5470-5725	≤11dBm in 1MHz for client device
Remark: The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.		
Test setup:		
Test procedure:	1) Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power...". 2) Use the peak search function on the instrument to find the peak of the spectrum. 3) Make the following adjustments to the peak value of the spectrum, if applicable: a) If Method SA-2 or SA-2 Alternative was used, add $10 \log(1/x)$, where x is the duty cycle, to the peak of the spectrum. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging. 4) The result is the PSD.	
Test Instruments:	Refer to section 6.0 for details	
Test mode:	Refer to section 5.2 for details	
Test results:	Pass	

Measurement Data: The detailed test data see Appendix.

7.6 Band Edge

Test Requirement:	FCC Part15 E Section 15.407 and 5.205				
Test Method:	ANSI C63.10:2013				
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver setup:					
	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
AV		1MHz	3MHz	Average Value	
Limit:					
	Frequency		Limit (dBuV/m @3m)		Remark
	30MHz-88MHz		40.0		Quasi-peak Value
	88MHz-216MHz		43.5		Quasi-peak Value
	216MHz-960MHz		46.0		Quasi-peak Value
	960MHz-1GHz		54.0		Quasi-peak Value
	Above 1GHz		54.0		Average Value
			68.2		Peak Value
	Undesirable emission limits:				
	(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 EIRP of -27 dBm/MHz.				
	(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15-5.25 GHz band.				
	(3) For transmitters operating in the 5.47-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.				
Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 m above the ground at a 3 meter camber. 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. 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.
Test setup:	For radiated emissions above 1GHz 
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

Remarks:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.
3. The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.
4. According to KDB 789033 D02 v02r01 section G) 1) (d), for For measurements above 1000 MHz @ 3m distance, the limit of field strength is computed as follows:
 $E[\text{dBuV/m}] = \text{EIRP}[\text{dBm}] + 95.2;$
For example, if $\text{EIRP} = -27\text{dBm}$
 $E[\text{dBuV/m}] = -27 + 95.2 = 68.2\text{dBuV/m}.$

Measurement Data:
U-NII Band I:

mode:		802.11a		Test Frequency:		5180MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5149.24	59.72	70.53	10.81	74.00	3.47	peak	H
5150.00	52.66	63.47	10.81	74.00	10.53	peak	H
5148.80	42.82	53.63	10.81	54.00	0.37	AVG	H
5150.00	42.73	53.54	10.81	54.00	0.46	AVG	H
5149.22	59.45	70.26	10.81	74.00	3.74	peak	V
5150.00	54.00	64.81	10.81	74.00	9.19	peak	V
5149.20	42.70	53.51	10.81	54.00	0.49	AVG	V
5150.00	42.43	53.24	10.81	54.00	0.76	AVG	V
mode:		802.11a		Test Frequency:		5200MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5149.84	56.76	67.57	10.81	74.00	6.43	peak	H
5150.00	49.45	60.26	10.81	74.00	13.74	peak	H
5150.00	41.42	52.23	10.81	54.00	1.77	AVG	H
5150.00	54.92	65.73	10.81	74.00	8.27	peak	V
5149.52	42.86	53.67	10.81	54.00	0.33	AVG	V
5150.00	42.47	53.28	10.81	54.00	0.72	AVG	V
mode:		802.11a		Test Frequency:		5240MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5147.70	50.90	61.71	10.81	74.00	12.29	peak	H
5150.00	48.29	59.10	10.81	74.00	14.90	peak	H
5150.00	37.97	48.78	10.81	54.00	5.22	AVG	H
5148.46	49.87	60.68	10.81	74.00	13.32	peak	V
5150.00	47.80	58.61	10.81	74.00	15.39	peak	V
5150.00	38.42	49.23	10.81	54.00	4.77	AVG	V

mode:		802.11n(HT20)		Test Frequency:		5180MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	55.80	66.61	10.81	74.00	7.39	peak	H
5150.00	41.66	52.47	10.81	54.00	1.53	AVG	H
5150.00	52.07	62.88	10.81	74.00	11.12	peak	V
5150.00	42.21	53.02	10.81	54.00	0.98	AVG	V
mode:		802.11n(HT20)		Test Frequency:		5200MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5149.38	56.31	67.12	10.81	74.00	6.88	peak	H
5150.00	49.19	60.00	10.81	74.00	14.00	peak	H
5149.62	41.63	52.44	10.81	54.00	1.56	AVG	H
5150.00	41.56	52.37	10.81	54.00	1.63	AVG	H
5148.30	55.69	66.50	10.81	74.00	7.50	peak	V
5150.00	51.20	62.01	10.81	74.00	11.99	peak	V
5147.40	42.48	53.29	10.81	54.00	0.71	AVG	V
5150.00	42.72	53.53	10.81	54.00	0.47	AVG	V
mode:		802.11n(HT20)		Test Frequency:		5240MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	48.07	58.88	10.81	74.00	15.12	peak	H
5150.00	38.42	49.23	10.81	54.00	4.77	AVG	H
5150.00	47.23	58.04	10.81	74.00	15.96	peak	V
5150.00	38.91	49.72	10.81	54.00	4.28	AVG	V

mode:		802.11n(HT40)		Test Frequency:		5190MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5148.86	58.00	68.81	10.81	74.00	5.19	peak	H
5150.00	56.50	67.31	10.81	74.00	6.69	peak	H
5150.00	41.29	52.10	10.81	54.00	1.90	AVG	H
5146.96	58.78	69.59	10.81	74.00	4.41	peak	V
5150.00	56.01	66.82	10.81	74.00	7.18	peak	V
5147.50	42.18	52.99	10.81	54.00	1.01	AVG	V
5150.00	42.27	53.08	10.81	54.00	0.92	AVG	V
mode:		802.11n(HT40)		Test Frequency:		5230MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	50.02	60.83	10.81	74.00	13.17	peak	H
5150.00	41.75	52.56	10.81	54.00	1.44	AVG	H
5150.00	49.48	60.29	10.81	74.00	13.71	peak	V
5147.44	41.73	52.54	10.81	54.00	1.46	AVG	V
5150.00	41.91	52.72	10.81	54.00	1.28	AVG	V

mode:		802.11ac(HT20)		Test Frequency:		5180MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	52.56	63.37	10.81	74.00	10.63	peak	H
5150.00	41.43	52.24	10.81	54.00	1.76	AVG	H
5150.00	57.02	67.83	10.81	74.00	6.17	peak	V
5150.00	42.51	53.32	10.81	54.00	0.68	AVG	V
mode:		802.11ac(HT20)		Test Frequency:		5200MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	49.75	60.56	10.81	74.00	13.44	peak	H
5150.00	40.51	51.32	10.81	54.00	2.68	AVG	H
5150.00	50.61	61.42	10.81	74.00	12.58	peak	V
5150.00	41.56	52.37	10.81	54.00	1.63	AVG	V
mode:		802.11ac(HT20)		Test Frequency:		5240MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	47.04	57.85	10.81	74.00	16.15	peak	H
5150.00	37.65	48.46	10.81	54.00	5.54	AVG	H
5150.00	46.49	57.30	10.81	74.00	16.70	peak	V
5150.00	37.66	48.47	10.81	54.00	5.53	AVG	V

mode:		802.11ac(VHT40)		Test Frequency:		5190MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	57.31	68.12	10.81	74.00	5.88	peak	H
5149.16	43.12	53.93	10.81	54.00	0.07	AVG	H
5150.00	42.38	53.19	10.81	54.00	0.81	AVG	H
5150.00	56.22	67.03	10.81	74.00	6.97	peak	V
5150.00	42.39	53.20	10.81	54.00	0.80	AVG	V
mode:		802.11ac(VHT40)		Test Frequency:		5230MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	50.31	61.12	10.81	74.00	12.88	peak	H
5150.00	42.30	53.11	10.81	54.00	0.89	AVG	H
5150.00	52.78	63.59	10.81	74.00	10.41	peak	V
5149.96	43.12	53.93	10.81	54.00	0.07	AVG	V
5150.00	43.08	53.89	10.81	54.00	0.11	AVG	V
mode:		802.11ac(VHT80)		Test Frequency:		5210MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	53.82	64.63	10.81	74.00	9.37	peak	H
5150.00	41.47	52.28	10.81	54.00	1.72	AVG	H
5150.00	53.84	64.65	10.81	74.00	9.35	peak	V
5144.74	41.81	52.62	10.81	54.00	1.38	AVG	V
5150.00	41.19	52.00	10.81	54.00	2.00	AVG	V

mode:		802.11ax(HE20)		Test Frequency:		5180MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	53.99	64.80	10.81	74.00	9.20	peak	H
5150.00	42.03	52.84	10.81	54.00	1.16	AVG	H
5150.00	56.27	67.08	10.81	74.00	6.92	peak	V
5149.84	42.79	53.60	10.81	54.00	0.40	AVG	V
5150.00	42.55	53.36	10.81	54.00	0.64	AVG	V
mode:		802.11ax(HE20)		Test Frequency:		5200MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	51.35	62.16	10.81	74.00	11.84	peak	H
5150.00	41.45	52.26	10.81	54.00	1.74	AVG	H
5150.00	53.72	64.53	10.81	74.00	9.47	peak	V
5147.18	42.67	53.48	10.81	54.00	0.52	AVG	V
5150.00	43.09	53.90	10.81	54.00	0.10	AVG	V
mode:		802.11ax(HE20)		Test Frequency:		5240MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	47.51	58.32	10.81	74.00	15.68	peak	H
5150.00	37.68	48.49	10.81	54.00	5.51	AVG	H
5150.00	47.35	58.16	10.81	74.00	15.84	peak	V
5150.00	37.78	48.59	10.81	54.00	5.41	AVG	V

mode:		802.11ax(HE40)		Test Frequency:		5190MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	55.44	66.25	10.81	74.00	7.75	peak	H
5150.00	42.19	53.00	10.81	54.00	1.00	AVG	H
5150.00	52.67	63.48	10.81	74.00	10.52	peak	V
5148.06	41.82	52.63	10.81	54.00	1.37	AVG	V
5150.00	41.60	52.41	10.81	54.00	1.59	AVG	V
mode:		802.11ax(HE40)		Test Frequency:		5230MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	51.48	62.29	10.81	74.00	11.71	peak	H
5150.00	42.62	53.43	10.81	54.00	0.57	AVG	H
5150.00	51.80	62.61	10.81	74.00	11.39	peak	V
5147.82	42.86	53.67	10.81	54.00	0.33	AVG	V
5150.00	42.39	53.20	10.81	54.00	0.80	AVG	V
mode:		802.11ax(HE80)		Test Frequency:		5210MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5150.00	53.41	64.22	10.81	74.00	9.78	peak	H
5150.00	41.58	52.39	10.81	54.00	1.61	AVG	H
5150.00	52.48	63.29	10.81	74.00	10.71	peak	V
5147.36	41.99	52.80	10.81	54.00	1.20	AVG	V
5150.00	41.56	52.37	10.81	54.00	1.63	AVG	V

U-NII Band II-2A:

mode:		802.11a		Test Frequency:		5260MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.38	57.32	10.94	74.00	16.68	peak	H
5350.00	38.13	49.07	10.94	54.00	4.93	AVG	H
5350.00	48.13	59.07	10.94	74.00	14.93	peak	V
5350.00	37.93	48.87	10.94	54.00	5.13	AVG	V
mode:		802.11a		Test Frequency:		5280MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	48.21	59.15	10.94	74.00	14.85	peak	H
5350.00	39.80	50.74	10.94	54.00	3.26	AVG	H
5350.00	49.44	60.38	10.94	74.00	13.62	peak	V
5350.00	40.00	50.94	10.94	54.00	3.06	AVG	V
mode:		802.11a		Test Frequency:		5320MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	53.67	64.61	10.94	74.00	9.39	peak	H
5350.64	55.52	66.46	10.94	74.00	7.54	peak	H
5350.00	42.20	53.14	10.94	54.00	0.86	AVG	H
5350.00	52.15	63.09	10.94	74.00	10.91	peak	V
5350.00	42.16	53.10	10.94	54.00	0.90	AVG	V
5351.42	42.26	53.20	10.94	54.00	0.80	AVG	V

mode:		802.11n(HT20)		Test Frequency:		5260MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.75	57.69	10.94	74.00	16.31	peak	H
5350.00	36.83	47.77	10.94	54.00	6.23	AVG	H
5350.00	46.11	57.05	10.94	74.00	16.95	peak	V
5350.00	36.57	47.51	10.94	54.00	6.49	AVG	V
mode:		802.11n(HT20)		Test Frequency:		5280MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.63	57.57	10.94	74.00	16.43	peak	H
5350.00	37.29	48.23	10.94	54.00	5.77	AVG	H
5350.00	46.16	57.10	10.94	74.00	16.90	peak	V
5350.00	37.20	48.14	10.94	54.00	5.86	AVG	V
mode:		802.11n(HT20)		Test Frequency:		5320MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.42	57.36	10.94	74.00	16.64	peak	H
5350.00	37.49	48.43	10.94	54.00	5.57	AVG	H
5350.00	46.36	57.30	10.94	74.00	16.70	peak	V
5350.00	37.30	48.24	10.94	54.00	5.76	AVG	V

mode:		802.11n(HT40)		Test Frequency:		5270MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.88	57.82	10.94	74.00	16.18	peak	H
5350.00	37.49	48.43	10.94	54.00	5.57	AVG	H
5350.00	46.58	57.52	10.94	74.00	16.48	peak	V
5350.00	37.13	48.07	10.94	54.00	5.93	AVG	V
mode:		802.11n(HT40)		Test Frequency:		5310MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	52.74	63.68	10.94	74.00	10.32	peak	H
5358.70	56.43	67.38	10.95	74.00	6.62	peak	H
5350.00	41.85	52.79	10.94	54.00	1.21	AVG	H
5350.00	53.31	64.25	10.94	74.00	9.75	peak	V
5350.00	42.13	53.07	10.94	54.00	0.93	AVG	V

mode:		802.11ac(HT20)		Test Frequency:		5260MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.66	57.60	10.94	74.00	16.40	peak	H
5350.00	36.63	47.57	10.94	54.00	6.43	AVG	H
5350.00	46.06	57.00	10.94	74.00	17.00	peak	V
5350.00	36.69	47.63	10.94	54.00	6.37	AVG	V
mode:		802.11ac(HT20)		Test Frequency:		5280MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.10	57.04	10.94	74.00	16.96	peak	H
5350.00	37.16	48.10	10.94	54.00	5.90	AVG	H
5350.00	45.90	56.84	10.94	74.00	17.16	peak	V
5350.00	36.82	47.76	10.94	54.00	6.24	AVG	V
mode:		802.11ac(HT20)		Test Frequency:		5320MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	47.40	58.34	10.94	74.00	15.66	peak	H
5350.00	37.69	48.63	10.94	54.00	5.37	AVG	H
5350.00	47.30	58.24	10.94	74.00	15.76	peak	V
5350.00	37.61	48.55	10.94	54.00	5.45	AVG	V

mode:		802.11ac(VHT40)		Test Frequency:		5270MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	37.26	48.20	10.94	54.00	5.80	peak	H
5350.00	46.51	57.45	10.94	74.00	16.55	AVG	H
5350.00	46.21	57.15	10.94	74.00	16.85	peak	V
5350.00	37.05	47.99	10.94	54.00	6.01	AVG	V
mode:		802.11ac(VHT40)		Test Frequency:		5310MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	41.67	52.61	10.94	54.00	1.39	peak	H
5352.44	42.13	53.07	10.94	54.00	0.93	peak	H
5350.00	55.04	65.98	10.94	74.00	8.02	AVG	H
5350.00	53.18	64.12	10.94	74.00	9.88	peak	V
5350.00	42.33	53.27	10.94	54.00	0.73	AVG	V
5350.28	42.76	53.70	10.94	54.00	0.30	AVG	V
mode:		802.11ac(VHT80)		Test Frequency:		5290MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	52.37	63.31	10.94	74.00	10.69	peak	H
5350.00	41.65	52.59	10.94	54.00	1.41	AVG	H
5354.52	42.07	53.02	10.95	54.00	0.98	AVG	H
5350.00	51.35	62.29	10.94	74.00	11.71	peak	V
5350.00	41.20	52.14	10.94	54.00	1.86	AVG	V

mode:		802.11ax(HE20)		Test Frequency:		5260MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.30	57.24	10.94	74.00	16.76	peak	H
5350.00	36.56	47.50	10.94	54.00	6.50	AVG	H
5350.00	46.49	57.43	10.94	74.00	16.57	peak	V
5350.00	36.89	47.83	10.94	54.00	6.17	AVG	V
mode:		802.11ax(HE20)		Test Frequency:		5280MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	47.81	58.75	10.94	74.00	15.25	peak	H
5350.00	37.08	48.02	10.94	54.00	5.98	AVG	H
5350.00	46.04	56.98	10.94	74.00	17.02	peak	V
5350.00	37.24	48.18	10.94	54.00	5.82	AVG	V
mode:		802.11ax(HE20)		Test Frequency:		5320MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	47.68	58.62	10.94	74.00	15.38	peak	H
5350.00	37.89	48.83	10.94	54.00	5.17	AVG	H
5350.00	46.77	57.71	10.94	74.00	16.29	peak	V
5350.00	38.16	49.10	10.94	54.00	4.90	AVG	V

mode:		802.11ax(HE40)		Test Frequency:		5270MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	46.49	57.43	10.94	74.00	16.57	peak	H
5350.00	37.50	48.44	10.94	54.00	5.56	AVG	H
5350.00	47.73	58.67	10.94	74.00	15.33	peak	V
5350.00	37.23	48.17	10.94	54.00	5.83	AVG	V
mode:		802.11ax(HE40)		Test Frequency:		5370MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	53.64	64.58	10.94	74.00	9.42	peak	H
5350.00	41.08	52.02	10.94	54.00	1.98	AVG	H
5350.00	56.74	67.68	10.94	74.00	6.32	peak	V
5350.00	41.50	52.44	10.94	54.00	1.56	AVG	V
mode:		802.11ax(HE80)		Test Frequency:		5290MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5350.00	52.31	63.25	10.94	74.00	10.75	peak	H
5350.00	42.70	53.64	10.94	54.00	0.36	AVG	H
5354.39	43.38	54.33	10.95	54.00	0.17	AVG	H
5350.00	51.17	62.11	10.94	74.00	11.89	peak	V
5350.00	42.92	53.86	10.94	54.00	0.14	AVG	V
5351.40	42.65	53.59	10.94	54.00	0.41	AVG	V

U-NII Band I and U-NII Band II-2A:

mode:		802.11ac(HE160)		Test Frequency:		5250MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5145.43	61.49	72.30	10.81	74.00	1.70	peak	H
5150.00	55.94	66.76	10.82	74.00	7.24	peak	H
5350.00	47.31	58.25	10.94	74.00	15.75	peak	H
5385.01	62.26	73.24	10.98	74.00	0.76	peak	H
5150.00	38.80	49.62	10.82	54.00	4.38	AVG	H
5350.00	38.98	49.92	10.94	54.00	4.08	AVG	H
5146.94	60.97	71.78	10.81	74.00	2.22	peak	V
5150.00	46.86	57.68	10.82	74.00	16.32	peak	V
5350.00	47.54	58.48	10.94	74.00	15.52	peak	V
5385.59	60.78	71.76	10.98	74.00	2.24	peak	V
5150.00	37.78	48.60	10.82	54.00	5.40	AVG	V
5350.00	38.30	49.24	10.94	54.00	4.76	AVG	V
mode:		802.11ax(HE160)		Test Frequency:		5250MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5136.54	59.36	70.15	10.79	74.00	3.85	peak	H
5150.00	52.23	63.05	10.82	74.00	10.95	peak	H
5350.00	51.12	62.06	10.94	74.00	11.94	peak	H
5377.92	58.75	69.73	10.98	74.00	4.27	peak	H
5150.00	40.29	51.11	10.82	54.00	2.89	AVG	H
5350.00	40.95	51.89	10.94	54.00	2.11	AVG	H
5136.54	59.87	70.66	10.79	74.00	3.34	peak	V
5150.00	53.51	64.33	10.82	74.00	9.67	peak	V
5350.00	49.15	60.09	10.94	74.00	13.91	peak	V
5376.44	62.06	73.03	10.97	74.00	0.97	peak	V
5150.00	39.90	50.72	10.82	54.00	3.28	AVG	V
5350.00	40.64	51.58	10.94	54.00	2.42	AVG	V
5362.69	41.67	52.63	10.96	54.00	1.37	AVG	V

U-NII Band II-2C:

mode:		802.11a		Test Frequency:		5500MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5458.24	57.52	68.68	11.16	74.00	5.32	peak	H
5460.00	54.06	65.23	11.17	68.30	3.07	peak	H
5725.00	46.49	58.62	12.13	68.30	9.68	peak	H
5457.80	42.80	53.96	11.16	54.00	0.04	AVG	H
5460.00	41.98	53.15	11.17	54.00	0.85	AVG	H
5460.00	56.79	67.96	11.17	68.30	0.34	peak	V
5725.00	46.61	58.74	12.13	68.30	9.56	peak	V
5460.00	42.00	53.17	11.17	54.00	0.83	AVG	V
mode:		802.11a		Test Frequency:		5580MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.60	57.77	11.17	68.30	10.53	peak	H
5725.00	47.22	59.35	12.13	68.30	8.95	peak	H
5460.00	37.05	48.22	11.17	54.00	5.78	AVG	H
5460.00	46.15	57.32	11.17	68.30	10.98	peak	V
5725.00	47.14	59.27	12.13	68.30	9.03	peak	V
5460.00	36.91	48.08	11.17	54.00	5.92	AVG	V
mode:		802.11a		Test Frequency:		5700MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	45.00	56.17	11.17	68.30	12.13	peak	H
5725.00	48.72	60.85	12.13	68.30	7.45	peak	H
5460.00	35.62	46.79	11.17	54.00	7.21	AVG	H
5460.00	46.21	57.38	11.17	68.30	10.92	peak	V
5725.00	46.92	59.05	12.13	68.30	9.25	peak	V
5732.72	52.54	64.73	12.19	68.30	3.57	peak	V
5460.00	35.83	47.00	11.17	54.00	7.00	AVG	V

mode:		802.11n(HE20)		Test Frequency:		5500MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.21	57.38	11.17	68.30	10.92	peak	H
5725.00	47.17	59.30	12.13	68.30	9.00	peak	H
5460.00	36.70	47.87	11.17	54.00	6.13	AVG	H
5460.00	46.46	57.63	11.17	68.30	10.67	peak	V
5725.00	46.73	58.86	12.13	68.30	9.44	peak	V
5460.00	36.90	48.07	11.17	54.00	5.93	AVG	V
mode:		802.11n(HE20)		Test Frequency:		5580MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.38	57.55	11.17	68.30	10.75	peak	H
5725.00	46.95	59.08	12.13	68.30	9.22	peak	H
5460.00	36.31	47.48	11.17	54.00	6.52	AVG	H
5460.00	46.61	57.78	11.17	68.30	10.52	peak	V
5725.00	47.78	59.91	12.13	68.30	8.39	peak	V
5460.00	36.45	47.62	11.17	54.00	6.38	AVG	V
mode:		802.11n(HE20)		Test Frequency:		5700MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.14	57.31	11.17	68.30	10.99	peak	H
5725.00	47.91	60.04	12.13	68.30	8.26	peak	H
5726.64	53.01	65.16	12.15	68.30	3.14	peak	H
5460.00	36.21	47.38	11.17	54.00	6.62	AVG	H
5460.00	47.56	58.73	11.17	68.30	9.57	peak	V
5725.00	50.73	62.86	12.13	68.30	5.44	peak	V
5728.56	54.75	66.91	12.16	68.30	1.39	peak	V
5460.00	36.69	47.86	11.17	54.00	6.14	AVG	V

mode:		802.11n(HT40)		Test Frequency:		5510MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	53.50	64.67	11.17	68.30	3.63	peak	H
5725.00	46.11	58.24	12.13	68.30	10.06	peak	H
5460.00	40.72	51.89	11.17	54.00	2.11	AVG	H
5460.00	56.99	68.16	11.17	68.30	0.14	peak	V
5725.00	46.67	58.80	12.13	68.30	9.50	peak	V
5460.00	39.47	50.64	11.17	54.00	3.36	AVG	V
mode:		802.11n(HT40)		Test Frequency:		5550MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	45.39	56.56	11.17	68.30	11.74	peak	H
5725.00	46.24	58.37	12.13	68.30	9.93	peak	H
5460.00	36.82	47.99	11.17	54.00	6.01	AVG	H
5460.00	47.38	58.55	11.17	68.30	9.75	peak	V
5725.00	46.62	58.75	12.13	68.30	9.55	peak	V
5460.00	37.04	48.21	11.17	54.00	5.79	AVG	V
mode:		802.11n(HT40)		Test Frequency:		5670MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.13	57.30	11.17	68.30	11.00	peak	H
5725.00	49.05	61.18	12.13	68.30	7.12	peak	H
5460.00	36.28	47.45	11.17	54.00	6.55	AVG	H
5460.00	46.31	57.48	11.17	68.30	10.82	peak	V
5725.00	50.31	62.44	12.13	68.30	5.86	peak	V
5728.44	52.83	64.99	12.16	68.30	3.31	peak	V
5460.00	36.75	47.92	11.17	54.00	6.08	AVG	V

mode:		802.11ac(HT20)		Test Frequency:		5500MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	45.39	56.56	11.17	68.30	11.74	peak	H
5725.00	46.20	58.33	12.13	68.30	9.97	peak	H
5460.00	36.53	47.70	11.17	54.00	6.30	AVG	H
5460.00	46.29	57.46	11.17	68.30	10.84	peak	V
5725.00	47.74	59.87	12.13	68.30	8.43	peak	V
5460.00	36.67	47.84	11.17	54.00	6.16	AVG	V
mode:		802.11ac(HT20)		Test Frequency:		5580MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.10	57.27	11.17	68.30	11.03	peak	H
5725.00	46.07	58.20	12.13	68.30	10.10	peak	H
5460.00	36.25	47.42	11.17	54.00	6.58	AVG	H
5460.00	47.25	58.42	11.17	68.30	9.88	peak	V
5725.00	47.17	59.30	12.13	68.30	9.00	peak	V
5460.00	36.14	47.31	11.17	54.00	6.69	AVG	V
mode:		802.11ac(HT20)		Test Frequency:		5700MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.96	58.13	11.17	68.30	10.17	peak	H
5460.00	46.96	58.13	11.17	68.30	10.17	peak	H
5725.00	48.36	60.49	12.13	68.30	7.81	peak	H
5733.68	50.37	62.57	12.20	68.30	5.73	peak	H
5460.00	36.18	47.35	11.17	54.00	6.65	AVG	H
5460.00	46.45	57.62	11.17	68.30	10.68	peak	V
5725.00	51.23	63.36	12.13	68.30	4.94	peak	V
5460.00	36.29	47.46	11.17	54.00	6.54	AVG	V

mode:		802.11ac(VHT40)		Test Frequency:		5510MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	51.98	63.15	11.17	68.30	5.15	peak	H
5725.00	46.58	58.71	12.13	68.30	9.59	peak	H
5460.00	39.71	50.88	11.17	54.00	3.12	AVG	H
5460.00	49.70	60.87	11.17	68.30	7.43	peak	V
5725.00	46.48	58.61	12.13	68.30	9.69	peak	V
5460.00	38.53	49.70	11.17	54.00	4.30	AVG	V
mode:		802.11ac(VHT40)		Test Frequency:		5550MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	47.84	59.01	11.17	68.30	9.29	peak	H
5725.00	46.23	58.36	12.13	68.30	9.94	peak	H
5460.00	36.91	48.08	11.17	54.00	5.92	AVG	H
5460.00	47.78	58.95	11.17	68.30	9.35	peak	V
5725.00	46.35	58.48	12.13	68.30	9.82	peak	V
5460.00	37.03	48.20	11.17	54.00	5.80	AVG	V
mode:		802.11ac(VHT40)		Test Frequency:		5670MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.16	57.33	11.17	68.30	10.97	peak	H
5725.00	47.83	59.96	12.13	68.30	8.34	peak	H
5460.00	36.36	47.53	11.17	54.00	6.47	AVG	H
5460.00	45.63	56.80	11.17	68.30	11.50	peak	V
5725.00	50.53	62.66	12.13	68.30	5.64	peak	V
5460.00	36.71	47.88	11.17	54.00	6.12	AVG	V

mode:		802.11ac(VHT80)		Test Frequency:		5530MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	52.25	63.42	11.17	68.30	4.88	peak	H
5725.00	47.54	59.67	12.13	68.30	8.63	peak	H
5460.00	39.92	51.09	11.17	54.00	2.91	AVG	H
5460.00	55.82	66.99	11.17	68.30	1.31	peak	V
5725.00	47.10	59.23	12.13	68.30	9.07	peak	V
5459.36	42.09	53.26	11.17	54.00	0.74	AVG	V
5460.00	42.42	53.59	11.17	54.00	0.41	AVG	V
mode:		802.11ac(VHT80)		Test Frequency:		5610MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	47.25	58.42	11.17	68.30	9.88	peak	H
5725.00	47.11	59.24	12.13	68.30	9.06	peak	H
5460.00	37.24	48.41	11.17	54.00	5.59	AVG	H
5460.00	47.21	58.38	11.17	68.30	9.92	peak	V
5725.00	49.95	62.08	12.13	68.30	6.22	peak	V
5460.00	37.89	49.06	11.17	54.00	4.94	AVG	V

mode:		802.11ax(HE20)		Test Frequency:		5500MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.94	58.11	11.17	68.30	10.19	peak	H
5725.00	47.17	59.30	12.13	68.30	9.00	peak	H
5460.00	36.89	48.06	11.17	54.00	5.94	AVG	H
5460.00	36.64	47.81	11.17	54.00	6.19	peak	V
5460.00	36.64	47.81	11.17	54.00	6.19	peak	V
5460.00	36.64	47.81	11.17	54.00	6.19	AVG	V
mode:		802.11ax(HE20)		Test Frequency:		5580MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.00	57.17	11.17	68.30	11.13	peak	H
5725.00	46.24	58.37	12.13	68.30	9.93	peak	H
5460.00	35.97	47.14	11.17	54.00	6.86	AVG	H
5460.00	45.56	56.73	11.17	68.30	11.57	peak	V
5725.00	46.35	58.48	12.13	68.30	9.82	peak	V
5460.00	36.12	47.29	11.17	54.00	6.71	AVG	V
mode:		802.11ax(HE20)		Test Frequency:		5700MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	47.31	58.48	11.17	68.30	9.82	peak	H
5725.00	49.15	61.28	12.13	68.30	7.02	peak	H
5460.00	36.18	47.35	11.17	54.00	6.65	AVG	H
5460.00	47.01	58.18	11.17	68.30	10.12	peak	V
5725.00	55.60	67.73	12.13	68.30	0.57	peak	V
5736.44	55.50	67.72	12.22	68.30	0.58	peak	V
5460.00	36.29	47.46	11.17	54.00	6.54	AVG	V

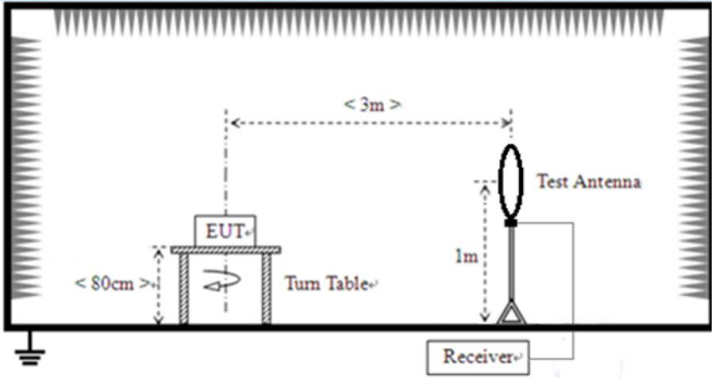
mode:		802.11ax(HE40)		Test Frequency:		5510MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	51.22	62.39	11.17	68.30	5.91	peak	H
5725.00	46.80	58.93	12.13	68.30	9.37	peak	H
5460.00	40.60	51.77	11.17	54.00	2.23	AVG	H
5460.00	53.51	64.68	11.17	68.30	3.62	peak	V
5725.00	47.09	59.22	12.13	68.30	9.08	peak	V
5460.00	39.65	50.82	11.17	54.00	3.18	AVG	V
mode:		802.11ax(HE40)		Test Frequency:		5500MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.62	57.79	11.17	68.30	10.51	peak	H
5725.00	47.45	59.58	12.13	68.30	8.72	peak	H
5460.00	37.01	48.18	11.17	54.00	5.82	AVG	H
5460.00	46.82	57.99	11.17	68.30	10.31	peak	V
5725.00	46.09	58.22	12.13	68.30	10.08	peak	V
5460.00	37.05	48.22	11.17	54.00	5.78	AVG	V
mode:		802.11ax(HE40)		Test Frequency:		5670MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.20	57.37	11.17	68.30	10.93	peak	H
5725.00	48.45	60.58	12.13	68.30	7.72	peak	H
5736.24	51.82	64.04	12.22	68.30	4.26	peak	H
5460.00	36.51	47.68	11.17	54.00	6.32	AVG	H
5460.00	46.58	57.75	11.17	68.30	10.55	peak	V
5725.00	52.54	64.67	12.13	68.30	3.63	peak	V
5460.00	36.47	47.64	11.17	54.00	6.36	AVG	V

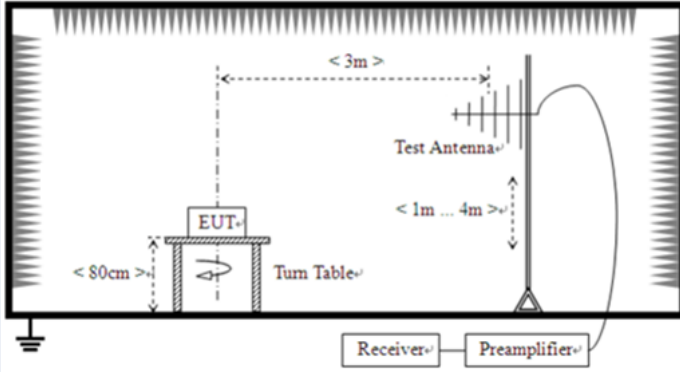
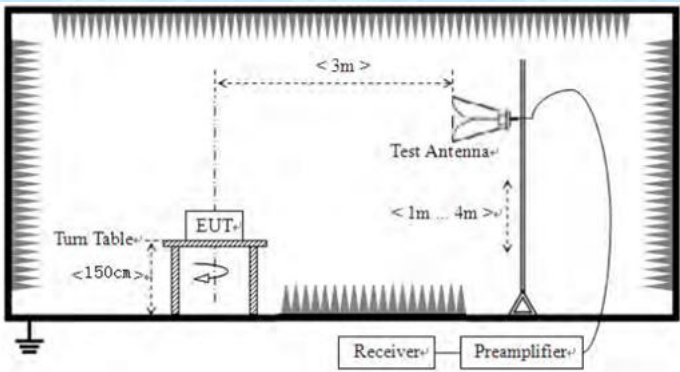
mode:		802.11ax(HE80)		Test Frequency:		5530MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	53.77	64.94	11.17	68.30	3.36	peak	H
5725.00	47.29	59.42	12.13	68.30	8.88	peak	H
5457.00	42.08	53.24	11.16	54.00	0.76	AVG	H
5460.00	41.80	52.97	11.17	54.00	1.03	AVG	H
5460.00	53.79	64.96	11.17	68.30	3.34	peak	V
5725.00	46.68	58.81	12.13	68.30	9.49	peak	V
5460.00	40.10	51.27	11.17	54.00	2.73	AVG	V
mode:		802.11ax(HE80)		Test Frequency:		5610MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	46.80	57.97	11.17	68.30	10.33	peak	H
5460.00	46.80	57.97	11.17	68.30	10.33	peak	H
5725.00	48.24	60.37	12.13	68.30	7.93	peak	H
5460.00	36.92	48.09	11.17	54.00	5.91	AVG	H
5460.00	47.77	58.94	11.17	68.30	9.36	peak	V
5725.00	50.89	63.02	12.13	68.30	5.28	peak	V
5460.00	37.54	48.71	11.17	54.00	5.29	AVG	V

mode:		802.11ac(HE160)		Test Frequency:		5570MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5454.84	53.92	65.07	11.15	74.00	8.93	peak	H
5460.00	48.55	59.72	11.17	68.30	8.58	peak	H
5725.00	47.66	59.79	12.13	68.30	8.51	peak	H
5460.00	36.98	48.15	11.17	54.00	5.85	AVG	H
5460.00	47.88	59.05	11.17	68.30	9.25	peak	V
5725.00	53.78	65.91	12.13	68.30	2.39	peak	V
5726.64	54.15	66.30	12.15	68.30	2.00	peak	V
5460.00	37.13	48.30	11.17	54.00	5.70	AVG	V
mode:		802.11ax(HE160)		Test Frequency:		5570MHz	
Frequency	Reading	Level	Factor	Limit	Margin	Detector	Ant. Pol.
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	Type	H/V
5460.00	52.29	63.46	11.17	68.30	4.84	peak	H
5725.00	47.62	59.75	12.13	68.30	8.55	peak	H
5737.24	51.45	63.68	12.23	68.30	4.62	peak	H
5460.00	39.18	50.35	11.17	54.00	3.65	AVG	H
5460.00	54.78	65.95	11.17	68.30	2.35	peak	V
5725.00	52.76	64.89	12.13	68.30	3.41	peak	V
5727.08	55.03	67.18	12.15	68.30	1.12	peak	V
5460.00	39.57	50.74	11.17	54.00	3.26	AVG	V

7.7 Radiated Emission

Test Requirement :	FCC Part15 C Section 15.209 and 15.205				
Test Method :	ANSI C63.10: 2013				
Test Frequency Range:	9kHz to 40GHz				
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9kHz-150KHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
	150kHz-30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		AV	1MHz	3MHz	Average Value
Note: For Duty cycle ≥ 98%, average detector set as above For Duty cycle < 98%, average detector set as below: VBW ≥ 1 / T					
Limit:					
	Frequency (MHz)	Field strength (microvolts/meter)		Measurement distance (meters)	
	0.009-0.490	2400/F(kHz)		300	
	0.490-1.705	24000/F(kHz)		30	
	1.705-30.0	30		30	
	30-88	100**		3	
	88-216	150**		3	
	216-960	200**		3	
	Above 960	500		3	
	The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.				
Test Procedure:	Substitution method was performed to determine the actual ERP emission levels of the EUT. The following test procedure as below: 1>.Below 1GHz test procedure: 1. The EUT was placed on the top of a rotating table (0.8m for below 1GHz and 1.5 meters for above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. 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. 4. 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. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. 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. 2>.Above 1GHz test procedure: 1. On the test site as test setup graph above,the EUT shall be placed at the 0.8m support on the turntable and in the position closest to normal use as declared by the provider. 2. The test antenna shall be oriented initially for vertical polarization and shall be chosen to correspond to the frequency of the transmitter.The output of the test antenna shall be connected to the measuring receiver. 3. The transmitter shall be switched on, if possible, without modulation and the measuring receiver shall be tuned to the frequency of the transmitter under test. 4. The test antenna shall be raised and lowered from 1m to 4m until a maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver. 5. Repeat step 4 for test frequency with the test antenna polarized horizontally. 6. Remove the transmitter and replace it with a substitution antenna 7. Feed the substitution antenna at the transmitter end with a signal generator connected to the antenna by means of a nonradiating cable. With the antennas at both ends vertically polarized, and with the signal generator tuned to a particular test frequency, raise and lower the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output. 8. Repeat step 7 with both antennas horizontally polarized for each test frequency. 9. Calculate power in dBm into a reference ideal half-wave dipole antenna by reducing the readings obtained in steps 7 and 8 by the power loss in the cable between the generator and the antenna, and further corrected for the gain of the substitution antenna used relative to an ideal half-wave dipole antenna by the following formula: $EIRP(dBm) = Pg(dBm) - \text{cable loss (dB)} + \text{antenna gain (dBi)}$ where: Pg is the generator output power into the substitution antenna.
Test setup:	For radiated emissions from 9kHz to 30MHz  For radiated emissions from 30MHz to 1GHz

									
		For radiated emissions above 1GHz							
									
Test Instruments:	Refer to section 6.0 for details								
Test mode:	Refer to section 5.2 for details								
Test environment:	Temp.:	25 °C	Humid.:	52%	Press.:	1012mbar			
Test voltage:	AC 120V, 60Hz								
Test results:	Pass								

Remarks:

1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.

Measurement Data:

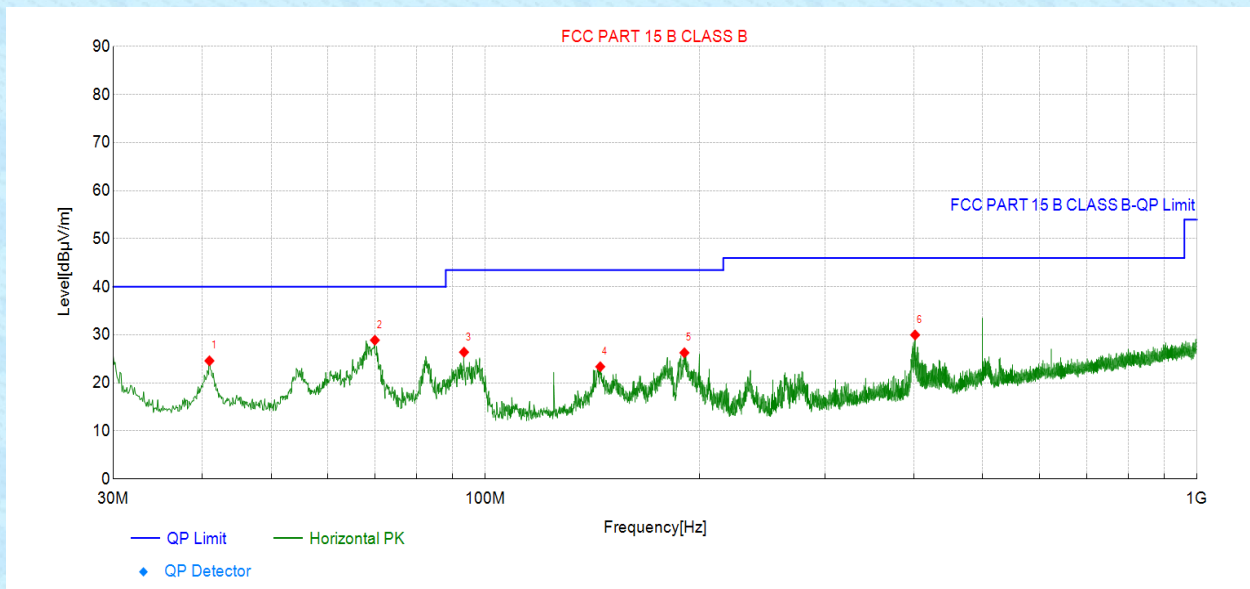
9 kHz ~ 30 MHz

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

30MHz~ 1GHz

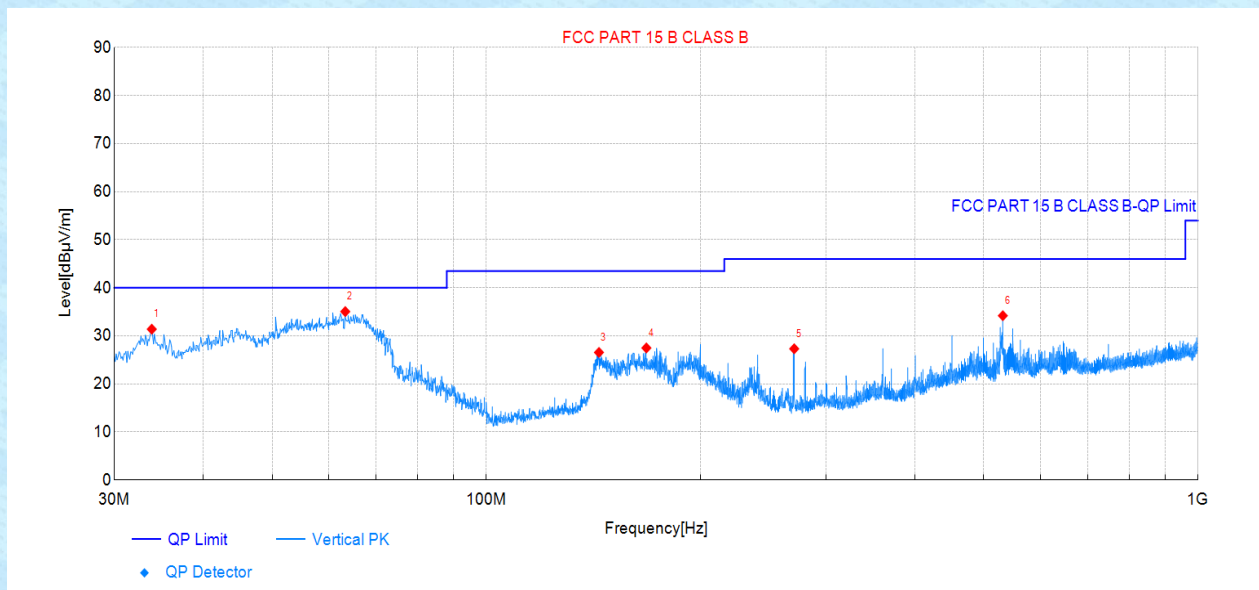
Pre-scan all test modes, found worst case at 802.11a 5180MHz, and so only show the test result of it

Horizontal:



NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	40.96	47.05	24.60	-22.45	40.00	15.40	PK	Horizontal	PASS
2	69.96	54.12	28.90	-25.22	40.00	11.10	PK	Horizontal	PASS
3	93.34	52.95	26.41	-26.54	43.50	17.09	PK	Horizontal	PASS
4	145.04	45.08	23.38	-21.70	43.50	20.12	PK	Horizontal	PASS
5	190.44	51.14	26.28	-24.86	43.50	17.22	PK	Horizontal	PASS
6	401.70	48.95	29.99	-18.96	46.00	16.01	PK	Horizontal	PASS

Vertical:



NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	33.88	54.68	31.40	-23.28	40.00	8.60	PK	Vertical	PASS
2	63.37	59.17	35.06	-24.11	40.00	4.94	PK	Vertical	PASS
3	143.98	48.38	26.56	-21.82	43.50	16.94	PK	Vertical	PASS
4	167.84	49.64	27.49	-22.15	43.50	16.01	PK	Vertical	PASS
5	270.75	50.21	27.32	-22.89	46.00	18.68	PK	Vertical	PASS
6	531.78	50.15	34.20	-15.95	46.00	11.80	PK	Vertical	PASS

Above 1GHz:

802.11a				Test Frequency: 5180MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3885.30	43.54	51.05	7.51	74.00	22.95	Vertical
10361.70	50.92	56.07	5.15	68.20	12.13	Vertical
3537.15	44.56	50.46	5.90	68.20	17.74	Horizontal
10361.70	51.78	56.93	5.15	68.20	11.27	Horizontal
3885.30	38.82	46.33	7.51	54.00	7.67	Vertical
10360.55	34.18	39.33	5.15	-	-	Vertical
3884.75	34.25	41.76	7.51	54.00	12.24	Horizontal
10361.70	36.33	41.48	5.15	-	-	Horizontal
802.11a				Test Frequency: 5200MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10403.10	56.26	61.47	5.21	68.20	6.73	Vertical
15594.20	46.23	56.61	10.38	74.00	17.39	Vertical
10395.05	58.37	63.56	5.19	68.20	4.64	Horizontal
15596.50	46.49	56.85	10.36	74.00	17.15	Horizontal
1499.95	32.12	29.85	-2.27	54.00	24.15	Vertical
10399.65	41.21	46.40	5.19	-	-	Vertical
1499.95	36.33	34.06	-2.27	54.00	19.94	Horizontal
3999.70	31.50	39.18	7.68	54.00	14.82	Horizontal

802.11a				Test Frequency: 5240MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10488.20	58.28	64.10	5.82	68.20	4.10	Vertical
15724.15	46.95	57.19	10.24	74.00	16.81	Vertical
10481.30	61.10	66.86	5.76	68.20	1.34	Horizontal
15727.60	46.84	57.11	10.27	74.00	16.89	Horizontal
10479.00	42.20	47.95	5.75	-	-	Vertical
15717.25	34.57	44.78	10.21	54.00	9.22	Vertical
1499.95	36.02	33.75	-2.27	54.00	20.25	Horizontal
10481.30	48.04	53.80	5.76	-	-	Horizontal
802.11a				Test Frequency: 5260MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
2347.50	42.78	44.30	1.52	74.00	29.70	Vertical
10521.55	45.52	51.47	5.95	68.20	16.73	Vertical
2120.90	44.05	44.93	0.88	68.20	23.27	Horizontal
10522.70	45.20	51.16	5.96	68.20	17.04	Horizontal
1499.95	31.96	29.69	-2.27	54.00	24.31	Vertical
3506.90	34.64	40.22	5.58	-	-	Vertical
1499.95	34.81	32.54	-2.27	54.00	21.46	Horizontal
3506.90	35.60	41.18	5.58	-	-	Horizontal

802.11a				Test Frequency: 5280MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10559.50	45.16	51.23	6.07	68.20	16.97	Vertical
2111.55	45.50	46.37	0.87	68.20	21.83	Horizontal
10560.65	47.47	53.54	6.07	68.20	14.66	Horizontal
1499.95	32.10	29.83	-2.27	54.00	24.17	Vertical
3520.10	34.89	40.60	5.71	-	-	Vertical
1499.95	34.82	32.55	-2.27	54.00	21.45	Horizontal
3520.10	36.69	42.40	5.71	-	-	Horizontal
802.11a				Test Frequency: 5320MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3990.35	46.53	54.19	7.66	74.00	19.81	Vertical
10642.30	44.65	50.94	6.29	74.00	23.06	Vertical
2123.65	44.32	45.20	0.88	68.20	23.00	Horizontal
10636.55	47.77	54.04	6.27	74.00	19.96	Horizontal
3989.80	42.40	50.07	7.67	54.00	3.93	Vertical
10643.45	33.44	39.73	6.29	54.00	14.27	Vertical
2518.55	32.37	34.93	2.56	-	-	Horizontal
10641.15	38.32	44.61	6.29	54.00	9.39	Horizontal

802.11a				Test Frequency: 5500MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3667.50	42.92	49.56	6.64	74.00	24.44	Vertical
11002.25	47.11	53.48	6.37	74.00	20.52	Vertical
3666.95	43.54	50.17	6.63	74.00	23.83	Horizontal
11002.25	48.51	54.88	6.37	74.00	19.12	Horizontal
3666.95	38.50	45.13	6.63	54.00	8.87	Vertical
10995.35	33.15	39.51	6.36	54.00	14.49	Vertical
1920.70	32.63	31.79	-0.84	-	-	Horizontal
3666.40	35.08	41.71	6.63	54.00	12.29	Horizontal
802.11a				Test Frequency: 5580MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3720.85	46.17	53.03	6.86	74.00	20.97	Vertical
11162.10	45.63	52.09	6.46	74.00	21.91	Vertical
3720.30	43.11	49.96	6.85	74.00	24.04	Horizontal
11166.70	47.04	53.49	6.45	74.00	20.51	Horizontal
3719.75	42.14	48.99	6.85	54.00	5.01	Vertical
11162.10	33.76	40.22	6.46	54.00	13.78	Vertical
3720.30	37.59	44.44	6.85	54.00	9.56	Horizontal
11160.95	33.83	40.29	6.46	54.00	13.71	Horizontal

802.11a				Test Frequency: 5700MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3800.60	45.95	53.42	7.47	74.00	20.58	Vertical
11399.00	59.20	66.94	7.74	74.00	7.06	Vertical
3800.60	42.85	50.32	7.47	74.00	23.68	Horizontal
11399.00	53.01	60.75	7.74	74.00	13.25	Horizontal
3800.05	43.46	50.93	7.47	54.00	3.07	Vertical
11401.30	41.43	49.17	7.74	54.00	4.83	Vertical
3800.05	34.03	41.50	7.47	54.00	12.50	Horizontal
11400.15	33.11	40.86	7.75	54.00	13.14	Horizontal

802.11n(HT20)				Test Frequency: 5180MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10474.40	51.78	57.50	5.72	68.20	10.70	Vertical
2112.65	44.26	45.13	0.87	68.20	23.07	Horizontal
10485.90	53.36	59.16	5.80	68.20	9.04	Horizontal
1499.95	32.36	30.09	-2.27	54.00	23.91	Vertical
10484.75	35.83	41.62	5.79	-	-	Vertical
1499.95	35.78	33.51	-2.27	54.00	20.49	Horizontal
10480.15	39.89	45.65	5.76	-	-	Horizontal
802.11n(HT20)				Test Frequency: 5200MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10401.95	59.04	64.24	5.20	68.20	3.96	Vertical
15596.50	48.02	58.38	10.36	74.00	15.62	Vertical
10400.80	60.94	66.14	5.20	68.20	2.06	Horizontal
15588.45	48.87	59.28	10.41	74.00	14.72	Horizontal
1499.95	32.76	30.49	-2.27	54.00	23.51	Vertical
10401.95	44.50	49.70	5.20	-	-	Vertical
1499.95	35.79	33.52	-2.27	54.00	20.48	Horizontal
10400.80	48.74	53.94	5.20	-	-	Horizontal

802.11n(HT20)				Test Frequency: 5240MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10479.00	58.58	64.33	5.75	68.20	3.87	Vertical
15704.60	46.72	56.86	10.14	74.00	17.14	Vertical
10481.30	60.65	66.41	5.76	68.20	1.79	Horizontal
15723.00	47.28	57.52	10.24	74.00	16.48	Horizontal
10479.00	42.92	48.67	5.75	-	-	Vertical
15718.40	34.63	44.85	10.22	54.00	9.15	Vertical
1499.95	36.13	33.86	-2.27	54.00	20.14	Horizontal
10483.60	47.57	53.35	5.78	-	-	Horizontal
802.11n(HT20)				Test Frequency: 5260MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1070.40	51.29	48.79	-2.50	74.00	25.21	Vertical
10515.80	44.76	50.71	5.95	68.20	17.49	Vertical
2126.40	45.63	46.52	0.89	68.20	21.68	Horizontal
10520.40	45.36	51.31	5.95	68.20	16.89	Horizontal
1499.95	32.11	29.84	-2.27	54.00	24.16	Vertical
3506.90	34.44	40.02	5.58	-	-	Vertical
1499.95	35.66	33.39	-2.27	54.00	20.61	Horizontal
3506.90	35.52	41.10	5.58	-	-	Horizontal

802.11n(HT20)				Test Frequency: 5280MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3505.80	43.92	49.49	5.57	68.20	18.71	Vertical
10556.05	45.73	51.78	6.05	68.20	16.42	Vertical
3862.20	42.63	50.09	7.46	74.00	23.91	Horizontal
10556.05	46.02	52.07	6.05	68.20	16.13	Horizontal
1499.95	32.25	29.98	-2.27	54.00	24.02	Vertical
1746.35	38.34	36.40	-1.94	-	-	Vertical
1499.95	34.95	32.68	-2.27	54.00	21.32	Horizontal
3520.10	36.46	42.17	5.71	-	-	Horizontal
802.11n(HT20)				Test Frequency: 5320MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3990.35	46.58	54.24	7.66	74.00	19.76	Vertical
10634.25	44.89	51.15	6.26	74.00	22.85	Vertical
2118.15	44.01	44.89	0.88	68.20	23.31	Horizontal
2118.15	44.01	44.89	0.88	68.20	23.31	Horizontal
1744.15	34.52	32.58	-1.94	-	-	Vertical
3989.80	42.29	49.96	7.67	54.00	4.04	Vertical
3989.80	32.03	39.70	7.67	54.00	14.30	Horizontal
10641.15	37.14	43.43	6.29	54.00	10.57	Horizontal

802.11n(HT20)				Test Frequency: 5500MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3666.95	43.32	49.95	6.63	74.00	24.05	Vertical
10994.20	45.98	52.33	6.35	74.00	21.67	Vertical
2114.85	43.36	44.19	0.83	68.20	24.01	Horizontal
11002.25	46.34	52.71	6.37	74.00	21.29	Horizontal
3666.40	38.11	44.74	6.63	54.00	9.26	Vertical
10999.95	33.63	40.00	6.37	54.00	14.00	Vertical
1999.90	33.53	33.50	-0.03	-	-	Horizontal
3666.40	34.99	41.62	6.63	54.00	12.38	Horizontal
802.11n(HT20)				Test Frequency: 5580MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3720.30	45.89	52.74	6.85	74.00	21.26	Vertical
11149.45	44.88	51.36	6.48	74.00	22.64	Vertical
3720.30	45.47	52.32	6.85	74.00	21.68	Horizontal
11158.65	48.50	54.97	6.47	74.00	19.03	Horizontal
3719.75	41.81	48.66	6.85	54.00	5.34	Vertical
11160.95	33.66	40.12	6.46	54.00	13.88	Vertical
3720.30	37.47	44.32	6.85	54.00	9.68	Horizontal
11160.95	33.23	39.69	6.46	54.00	14.31	Horizontal

802.11n(HT20)				Test Frequency: 5700MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3505.25	51.17	56.87	5.70	68.20	11.33	Vertical
11404.75	60.34	68.06	7.72	74.00	5.94	Vertical
3554.20	46.96	52.97	6.01	68.20	15.23	Horizontal
11400.15	55.18	62.93	7.75	74.00	11.07	Horizontal
3800.05	42.88	50.35	7.47	54.00	3.65	Vertical
11400.15	41.69	49.44	7.75	54.00	4.56	Vertical
3535.50	34.23	40.12	5.89	-	-	Horizontal
3800.05	33.80	41.27	7.47	54.00	12.73	Horizontal
802.11n(HT40)				Test Frequency: 5190MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1754.60	43.71	41.81	-1.90	68.20	26.39	Vertical
8949.50	44.70	47.62	2.92	68.20	20.58	Vertical
2131.35	44.16	45.05	0.89	68.20	23.15	Horizontal
1499.95	32.39	30.12	-2.27	54.00	23.88	Vertical
3460.15	33.79	39.37	5.58	-	-	Vertical
1499.95	35.44	33.17	-2.27	54.00	20.83	Horizontal
4000.25	30.99	38.67	7.68	54.00	15.33	Horizontal

802.11n(HT40)				Test Frequency: 5230MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3531.10	46.90	52.73	5.83	68.20	15.47	Vertical
10454.85	52.30	57.88	5.58	68.20	10.32	Vertical
3505.25	49.16	54.72	5.56	68.20	13.48	Horizontal
10451.40	52.27	57.82	5.55	68.20	10.38	Horizontal
1499.95	32.70	30.43	-2.27	54.00	23.57	Vertical
10459.45	37.03	42.64	5.61	-	-	Vertical
1499.95	35.73	33.46	-2.27	54.00	20.54	Horizontal
10465.20	41.65	47.31	5.66	-	-	Horizontal
802.11n(HT40)				Test Frequency: 5270MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1332.20	44.06	41.82	-2.24	74.00	32.18	Vertical
10542.25	43.96	49.98	6.02	68.20	18.22	Vertical
2114.85	43.80	44.67	0.87	68.20	23.53	Horizontal
10541.10	46.01	52.03	6.02	68.20	16.17	Horizontal
1499.95	32.07	29.80	-2.27	54.00	24.20	Vertical
3513.50	33.59	39.23	5.64	-	-	Vertical
1499.95	35.37	33.10	-2.27	54.00	20.90	Horizontal
3513.50	35.87	41.51	5.64	-	-	Horizontal

802.11n(HT40)				Test Frequency: 5310MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10611.25	44.10	50.30	6.20	74.00	23.70	Vertical
2521.30	45.06	47.63	2.57	68.20	20.57	Horizontal
10615.85	45.39	51.61	6.22	74.00	22.39	Horizontal
3539.90	32.95	38.87	5.92	-	-	Vertical
10619.30	32.78	39.00	6.22	54.00	15.00	Vertical
1499.95	35.13	32.86	-2.27	54.00	21.14	Horizontal
3539.90	36.95	42.87	5.92	-	-	Horizontal
802.11n(HT40)				Test Frequency: 5510MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3674.10	43.52	50.17	6.65	74.00	23.83	Vertical
11019.50	46.89	53.30	6.41	74.00	20.70	Vertical
3674.10	43.56	50.21	6.65	74.00	3674.10	Horizontal
11026.40	48.24	54.65	6.41	74.00	11026.40	Horizontal
3673.55	38.43	45.08	6.65	54.00	8.92	Vertical
11022.95	32.52	38.93	6.41	54.00	15.07	Vertical
3673.55	35.77	42.42	6.65	54.00	11.58	Horizontal
11026.40	35.15	41.56	6.41	54.00	12.44	Horizontal

802.11n(HT40)				Test Frequency: 5550MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3700.50	45.54	52.27	6.73	74.00	21.73	Vertical
11098.85	47.06	53.60	6.54	74.00	20.40	Vertical
3700.50	43.77	50.50	6.73	74.00	3700.50	Horizontal
11106.90	50.32	56.85	6.53	74.00	11106.90	Horizontal
2520.75	33.68	36.09	2.41	-	-	Vertical
3699.95	40.90	47.63	6.73	54.00	6.37	Vertical
3699.95	39.06	45.79	6.73	54.00	8.21	Horizontal
11097.70	36.05	42.59	6.54	54.00	11.41	Horizontal
802.11n(HT40)				Test Frequency: 5670MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3780.25	46.00	53.30	7.30	74.00	20.70	Vertical
11340.35	59.46	66.70	7.24	74.00	7.30	Vertical
3780.25	44.27	51.57	7.30	74.00	22.43	Horizontal
11346.10	60.79	68.08	7.29	74.00	5.92	Horizontal
3780.25	43.18	50.48	7.30	54.00	3.52	Vertical
11342.65	44.42	51.68	7.26	54.00	2.32	Vertical
3780.25	34.27	41.57	7.30	54.00	12.43	Horizontal
11342.65	34.37	41.63	7.26	54.00	12.37	Horizontal

802.11ac(HT20)				Test Frequency: 5180MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3885.30	42.73	50.24	7.51	74.00	23.76	Vertical
10361.70	50.49	55.64	5.15	68.20	12.56	Vertical
3885.85	41.66	49.17	7.51	74.00	24.83	Horizontal
10353.65	47.57	52.72	5.15	68.20	15.48	Horizontal
1999.90	32.62	32.59	-0.03	-	-	Vertical
3884.75	38.45	45.96	7.51	54.00	8.04	Vertical
3884.75	34.19	41.70	7.51	54.00	12.30	Horizontal
10362.85	34.28	39.43	5.15	-	-	Horizontal
802.11ac(HT20)				Test Frequency: 5200MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10408.85	56.93	62.18	5.25	68.20	6.02	Vertical
10405.40	57.40	62.63	5.23	68.20	5.57	Horizontal
15594.20	48.99	59.37	10.38	74.00	14.63	Horizontal
1499.95	32.76	30.49	-2.27	54.00	23.51	Vertical
10401.95	42.57	47.77	5.20	-	-	Vertical
1499.95	35.55	33.28	-2.27	54.00	20.72	Horizontal
10400.80	46.89	52.09	5.20	-	-	Horizontal

802.11ac(HT20)				Test Frequency: 5240MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10483.60	57.60	63.38	5.78	68.20	4.82	Vertical
15713.80	47.27	57.46	10.19	74.00	16.54	Vertical
2120.90	44.21	45.09	0.88	68.20	23.11	Horizontal
10483.60	59.26	65.04	5.78	68.20	3.16	Horizontal
10481.30	42.69	48.45	5.76	-	-	Vertical
15720.70	34.70	44.93	10.23	54.00	9.07	Vertical
1499.95	35.87	33.60	-2.27	54.00	20.40	Horizontal
10477.85	47.36	53.10	5.74	-	-	Horizontal
802.11ac(HT20)				Test Frequency: 5260MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
11215.00	43.48	49.96	6.48	74.00	24.04	Vertical
2123.10	44.53	45.41	0.88	68.20	22.79	Horizontal
10520.40	43.84	49.79	5.95	68.20	18.41	Horizontal
1499.95	32.03	29.76	-2.27	54.00	24.24	Vertical
3506.90	33.84	39.42	5.58	-	-	Vertical
1500.50	33.89	31.62	-2.27	54.00	22.38	Horizontal
3506.35	35.21	40.78	5.57	-	-	Horizontal

802.11ac(HT20)				Test Frequency: 5280MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1329.45	46.12	43.86	-2.26	74.00	30.14	Vertical
10567.55	46.37	52.45	6.08	68.20	15.75	Horizontal
1499.95	32.28	30.01	-2.27	54.00	23.99	Vertical
2520.75	36.72	39.29	2.57	-	-	Vertical
1499.95	35.27	33.00	-2.27	54.00	21.00	Horizontal
3520.10	36.45	42.16	5.71	-	-	Horizontal
802.11ac(HT20)				Test Frequency: 5320MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3990.35	46.78	54.44	7.66	74.00	19.56	Vertical
10637.70	44.02	50.29	6.27	74.00	23.71	Vertical
10638.85	47.83	54.10	6.27	74.00	19.90	Horizontal
3989.80	42.10	49.77	7.67	54.00	4.23	Vertical
10642.30	33.38	39.67	6.29	54.00	14.33	Vertical
3989.80	31.45	39.12	7.67	54.00	14.88	Horizontal
10638.85	37.29	43.56	6.27	54.00	10.44	Horizontal

802.11ac(HT20)				Test Frequency: 5500MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3666.95	43.32	49.95	6.63	74.00	24.05	Vertical
11001.10	46.49	52.86	6.37	74.00	21.14	Vertical
3667.50	44.13	50.77	6.64	74.00	23.23	Horizontal
10996.50	45.89	52.25	6.36	74.00	21.75	Horizontal
2576.85	33.14	35.84	2.70	-	-	Vertical
3666.95	37.43	44.06	6.63	54.00	9.94	Vertical
1920.15	33.55	32.71	-0.84	-	-	Horizontal
3666.40	35.44	42.07	6.63	54.00	11.93	Horizontal
802.11ac(HT20)				Test Frequency: 5580MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3720.30	45.63	52.48	6.85	74.00	21.52	Vertical
11160.95	47.49	53.95	6.46	74.00	20.05	Vertical
3720.30	43.91	50.76	6.85	74.00	23.24	Horizontal
11158.65	49.35	55.82	6.47	74.00	18.18	Horizontal
3719.75	42.13	48.98	6.85	54.00	5.02	Vertical
11158.65	35.51	41.98	6.47	54.00	12.02	Vertical
3719.75	37.93	44.78	6.85	54.00	9.22	Horizontal
11157.50	34.29	40.75	6.46	54.00	13.25	Horizontal

802.11ac(HT20)				Test Frequency: 5700MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3800.60	46.58	54.05	7.47	74.00	19.95	Vertical
11399.00	59.50	67.24	7.74	74.00	6.76	Vertical
2520.75	44.73	47.14	2.41	68.20	21.06	Horizontal
11400.15	58.33	66.08	7.75	74.00	7.92	Horizontal
3800.05	43.06	50.53	7.47	54.00	3.47	Vertical
11400.15	42.10	49.85	7.75	54.00	4.15	Vertical
3800.05	34.35	41.82	7.47	54.00	12.18	Horizontal
11401.30	33.59	41.33	7.74	54.00	12.67	Horizontal
802.11ac(HT40)				Test Frequency: 5190MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1329.45	46.98	44.72	-2.26	74.00	29.28	Vertical
2126.40	44.86	45.75	0.89	68.20	22.45	Horizontal
10381.25	44.30	49.47	5.17	68.20	18.73	Horizontal
1499.95	33.31	31.04	-2.27	54.00	22.96	Vertical
3460.15	32.43	38.01	5.58	-	-	Vertical
1499.95	35.60	33.33	-2.27	54.00	20.67	Horizontal
3460.15	35.58	41.16	5.58	-	-	Horizontal

802.11ac(HT40)				Test Frequency: 5230MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3503.05	45.05	50.58	5.53	68.20	17.62	Vertical
10453.70	52.65	58.22	5.57	68.20	9.98	Vertical
3505.80	47.39	52.96	5.57	68.20	15.24	Horizontal
10466.35	54.43	60.09	5.66	68.20	8.11	Horizontal
1499.95	33.11	30.84	-2.27	54.00	23.16	Vertical
10464.05	38.44	44.09	5.65	-	-	Vertical
1499.95	35.39	33.12	-2.27	54.00	20.88	Horizontal
10452.55	41.96	47.52	5.56	-	-	Horizontal
802.11ac(HT40)				Test Frequency: 5270MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1052.25	46.13	43.93	-2.20	74.00	30.07	Vertical
11416.25	43.43	51.06	7.63	74.00	22.94	Vertical
2596.10	47.00	49.79	2.79	68.20	18.41	Horizontal
1499.95	31.66	29.39	-2.27	54.00	24.61	Vertical
3513.50	34.37	40.01	5.64	-	-	Vertical
1499.95	35.66	33.39	-2.27	54.00	20.61	Horizontal
3513.50	35.79	41.43	5.64	-	-	Horizontal

802.11ac(HT40)				Test Frequency: 5310MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10613.55	45.08	51.28	6.20	74.00	22.72	Vertical
2120.35	44.20	45.08	0.88	68.20	23.12	Horizontal
10621.60	46.55	52.77	6.22	74.00	21.23	Horizontal
3539.90	32.60	38.52	5.92	-	-	Vertical
10619.30	32.30	38.52	6.22	54.00	15.48	Vertical
3539.90	37.01	42.93	5.92	-	-	Horizontal
10618.15	35.59	41.81	6.22	54.00	12.19	Horizontal
802.11ac(HT40)				Test Frequency: 5510MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
2579.05	46.97	49.67	2.70	68.20	18.53	Vertical
11019.50	47.65	54.06	6.41	74.00	19.94	Vertical
3674.10	43.74	50.39	6.65	74.00	23.61	Horizontal
11021.80	49.63	56.04	6.41	74.00	17.96	Horizontal
3673.55	39.14	45.79	6.65	54.00	8.21	Vertical
11022.95	33.19	39.60	6.41	54.00	14.40	Vertical
3673.55	36.56	43.21	6.65	54.00	10.79	Horizontal
11022.95	35.26	41.67	6.41	54.00	12.33	Horizontal

802.11ac(HT40)				Test Frequency: 5550MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3700.50	45.71	52.44	6.73	74.00	21.56	Vertical
11085.05	46.82	53.33	6.51	74.00	20.67	Vertical
3700.50	43.71	50.44	6.73	74.00	23.56	Horizontal
11101.15	47.90	54.44	6.54	74.00	19.56	Horizontal
3699.95	40.45	47.18	6.73	54.00	6.82	Vertical
11101.15	32.98	39.52	6.54	54.00	14.48	Vertical
3699.95	37.84	44.57	6.73	54.00	9.43	Horizontal
11100.00	34.48	41.02	6.54	54.00	12.98	Horizontal
802.11ac(HT40)				Test Frequency: 5670MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3780.25	46.12	53.42	7.30	74.00	20.58	Vertical
11343.80	59.46	66.73	7.27	74.00	7.27	Vertical
3780.25	42.91	50.21	7.30	74.00	23.79	Horizontal
11338.05	57.42	64.64	7.22	74.00	9.36	Horizontal
3780.25	43.49	50.79	7.30	54.00	3.21	Vertical
11339.20	43.87	51.10	7.23	54.00	2.90	Vertical
2518.00	36.13	38.52	2.39	-	-	Horizontal
3780.25	33.94	41.24	7.30	54.00	12.76	Horizontal

802.11ac(HT80)				Test Frequency: 5210MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3551.45	48.17	54.21	6.04	68.20	13.99	Vertical
2113.75	44.61	45.48	0.87	68.20	22.72	Horizontal
3522.30	48.44	54.17	5.73	68.20	14.03	Horizontal
1499.95	32.35	30.08	-2.27	54.00	23.92	Vertical
2426.15	33.79	35.80	2.01	-	-	Vertical
1499.95	35.70	33.43	-2.27	54.00	20.57	Horizontal
3473.35	35.39	40.94	5.55	-	-	Horizontal
802.11ac(HT80)				Test Frequency: 5290MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
2117.60	42.92	43.80	0.88	68.20	24.40	Vertical
2124.20	44.03	44.91	0.88	68.20	23.29	Horizontal
1499.95	32.05	29.78	-2.27	54.00	24.22	Vertical
3526.70	33.73	39.52	5.79	-	-	Vertical
1499.95	35.22	32.95	-2.27	54.00	21.05	Horizontal
3526.70	36.60	42.39	5.79	-	-	Horizontal

802.11ac(HT80)				Test Frequency: 5530MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3687.30	45.82	52.51	6.69	74.00	21.49	Vertical
15207.80	41.74	53.86	12.12	68.20	14.34	Vertical
3687.30	44.21	50.90	6.69	74.00	23.10	Horizontal
11071.25	45.33	51.83	6.50	74.00	22.17	Horizontal
3686.75	39.84	46.53	6.69	54.00	7.47	Vertical
11376.00	30.88	38.42	7.54	54.00	15.58	Vertical
3686.75	37.55	44.24	6.69	54.00	9.76	Horizontal
11065.50	32.52	39.00	6.48	54.00	15.00	Horizontal
802.11ac(HT80)				Test Frequency: 5610MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3740.65	45.73	52.72	6.99	74.00	21.28	Vertical
11263.30	46.96	53.68	6.72	74.00	20.32	Vertical
3740.65	42.58	49.57	6.99	74.00	24.43	Horizontal
11263.30	46.89	53.61	6.72	74.00	20.39	Horizontal
3740.10	42.51	49.48	6.97	54.00	4.52	Vertical
11266.75	33.67	40.40	6.73	54.00	13.60	Vertical
3740.10	35.94	42.91	6.97	54.00	11.09	Horizontal
11228.80	31.84	38.40	6.56	54.00	15.60	Horizontal

802.11ac(HT160)				Test Frequency: 5250MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3548.70	45.28	51.30	6.02	68.20	16.90	Vertical
8448.10	46.62	48.47	1.85	74.00	25.53	Vertical
2117.05	45.27	46.15	0.88	68.20	22.05	Horizontal
1499.95	32.04	29.77	-2.27	54.00	24.23	Vertical
3500.30	35.31	40.81	5.50	-	-	Vertical
1499.95	35.68	33.41	-2.27	54.00	20.59	Horizontal
3500.30	35.37	40.87	5.50	-	-	Horizontal
802.11ac(HT160)				Test Frequency: 5570MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3713.70	45.39	52.21	6.82	74.00	21.79	Vertical
13603.55	42.92	53.63	10.71	68.20	14.57	Vertical
3713.70	43.50	50.32	6.82	74.00	23.68	Horizontal
13555.25	42.71	53.29	10.58	68.20	14.91	Horizontal
2518.00	37.68	40.07	2.39	-	-	Vertical
3713.15	41.54	48.35	6.81	54.00	5.65	Vertical
2584.55	34.88	37.61	2.73	-	-	Horizontal
3713.15	37.47	44.28	6.81	54.00	9.72	Horizontal

802.11ax(HE20)				Test Frequency: 5180MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3885.30	44.26	51.77	7.51	74.00	22.23	Vertical
10357.10	47.77	52.92	5.15	68.20	15.28	Vertical
2113.20	44.98	45.85	0.87	68.20	22.35	Horizontal
10355.95	46.83	51.98	5.15	68.20	16.22	Horizontal
3884.75	39.48	46.99	7.51	54.00	7.01	Vertical
10357.10	32.38	37.53	5.15	-	-	Vertical
3884.75	34.32	41.83	7.51	54.00	12.17	Horizontal
10359.40	34.11	39.26	5.15	-	-	Horizontal
802.11ax(HE20)				Test Frequency: 5200MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10404.25	57.30	62.52	5.22	68.20	5.68	Vertical
15601.10	47.66	58.01	10.35	74.00	15.99	Vertical
10407.70	61.18	66.42	5.24	68.20	1.78	Horizontal
15598.80	51.47	61.82	10.35	74.00	12.18	Horizontal
1499.95	32.45	30.18	-2.27	54.00	23.82	Vertical
10399.65	43.78	48.97	5.19	-	-	Vertical
1499.95	35.43	33.16	-2.27	54.00	20.84	Horizontal
10403.10	48.62	53.83	5.21	-	-	Horizontal

802.11ax(HE20)				Test Frequency: 5240MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10479.00	58.12	63.87	5.75	68.20	4.33	Vertical
15721.85	46.79	57.02	10.23	74.00	16.98	Vertical
10481.30	60.44	66.20	5.76	68.20	2.00	Horizontal
15710.35	46.80	56.98	10.18	74.00	17.02	Horizontal
10479.00	42.89	48.64	5.75	-	-	Vertical
15718.40	34.57	44.79	10.22	54.00	9.21	Vertical
1499.95	35.50	33.23	-2.27	54.00	20.77	Horizontal
10483.60	48.07	53.85	5.78	-	-	Horizontal
802.11ax(HE20)				Test Frequency: 5260MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10530.75	45.72	51.70	5.98	68.20	16.50	Vertical
2120.90	44.75	45.63	0.88	68.20	22.57	Horizontal
10522.70	45.93	51.89	5.96	68.20	16.31	Horizontal
1499.95	31.79	29.52	-2.27	54.00	24.48	Vertical
3506.90	34.12	39.70	5.58	-	-	Vertical
1499.95	35.39	33.12	-2.27	54.00	20.88	Horizontal
3506.90	35.52	41.10	5.58	-	-	Horizontal

802.11ax(HE20)				Test Frequency: 5280MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10568.70	45.13	51.22	6.09	68.20	16.98	Vertical
2129.70	44.94	45.83	0.89	68.20	22.37	Horizontal
10550.30	44.59	50.63	6.04	68.20	17.57	Horizontal
1499.95	32.21	29.94	-2.27	54.00	24.06	Vertical
3520.10	34.19	39.90	5.71	-	-	Vertical
1499.95	35.20	32.93	-2.27	54.00	21.07	Horizontal
3520.10	36.34	42.05	5.71	-	-	Horizontal
802.11ax(HE20)				Test Frequency: 5320MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3990.35	46.71	54.37	7.66	74.00	19.63	Vertical
10640.00	45.77	52.04	6.27	74.00	21.96	Vertical
2123.10	43.66	44.54	0.88	68.20	23.66	Horizontal
10643.45	47.60	53.89	6.29	74.00	20.11	Horizontal
3989.80	42.13	49.80	7.67	54.00	4.20	Vertical
10641.15	34.03	40.32	6.29	54.00	13.68	Vertical
3989.80	31.90	39.57	7.67	54.00	14.43	Horizontal
10643.45	37.44	43.73	6.29	54.00	10.27	Horizontal

802.11ax(HE20)				Test Frequency: 5500MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3666.95	43.85	50.48	6.63	74.00	23.52	Vertical
10997.65	49.33	55.69	6.36	74.00	18.31	Vertical
3666.95	44.60	51.23	6.63	74.00	22.77	Horizontal
11009.15	51.23	57.62	6.39	74.00	16.38	Horizontal
3666.40	38.36	44.99	6.63	54.00	9.01	Vertical
11003.40	34.31	40.69	6.38	54.00	13.31	Vertical
3666.40	35.21	41.84	6.63	54.00	12.16	Horizontal
10998.80	35.13	41.50	6.37	54.00	12.50	Horizontal
802.11ax(HE20)				Test Frequency: 5580MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3720.30	45.79	52.64	6.85	74.00	21.36	Vertical
11167.85	48.12	54.57	6.45	74.00	19.43	Vertical
3720.30	43.78	50.63	6.85	74.00	23.37	Horizontal
11156.35	50.97	57.43	6.46	74.00	16.57	Horizontal
3719.75	41.60	48.45	6.85	54.00	5.55	Vertical
11160.95	35.39	41.85	6.46	54.00	12.15	Vertical
3719.75	37.32	44.17	6.85	54.00	9.83	Horizontal
11159.80	34.27	40.74	6.47	54.00	13.26	Horizontal

802.11ax(HE20)				Test Frequency: 5700MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3800.60	46.15	53.62	7.47	74.00	20.38	Vertical
11402.45	60.32	68.05	7.73	74.00	5.95	Vertical
3800.60	43.09	50.56	7.47	74.00	23.44	Horizontal
11408.20	56.64	64.32	7.68	74.00	9.68	Horizontal
3800.05	42.80	50.27	7.47	54.00	3.73	Vertical
11397.85	42.88	50.61	7.73	54.00	3.39	Vertical
3800.05	34.15	41.62	7.47	54.00	12.38	Horizontal
11399.00	34.30	42.04	7.74	54.00	11.96	Horizontal
802.11ax(HE40)				Test Frequency: 5190MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1769.45	50.31	48.47	-1.84	68.20	19.73	Vertical
3532.75	46.80	52.64	5.84	68.20	15.56	Vertical
3505.25	49.09	54.65	5.56	68.20	13.55	Horizontal
1499.95	32.49	30.22	-2.27	54.00	23.78	Vertical
3460.15	32.89	38.47	5.58	-	-	Vertical
1499.95	34.88	32.61	-2.27	54.00	21.39	Horizontal
3460.15	35.21	40.79	5.58	-	-	Horizontal

802.11ax(HE40)				Test Frequency: 5230MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
10464.05	52.90	58.55	5.65	68.20	9.65	Vertical
2111.55	44.54	45.41	0.87	68.20	22.79	Horizontal
10462.90	55.05	60.69	5.64	68.20	7.51	Horizontal
1499.95	32.76	30.49	-2.27	54.00	23.51	Vertical
10459.45	39.72	45.33	5.61	-	-	Vertical
1499.95	35.45	33.18	-2.27	54.00	20.82	Horizontal
10458.30	42.91	48.51	5.60	-	-	Horizontal
802.11ax(HE40)				Test Frequency: 5270MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1331.10	45.97	43.72	-2.25	74.00	30.28	Vertical
10538.80	45.32	51.32	6.00	68.20	16.88	Vertical
2122.00	44.33	45.21	0.88	68.20	22.99	Horizontal
10530.75	45.27	51.25	5.98	68.20	16.95	Horizontal
1499.95	33.01	30.74	-2.27	54.00	23.26	Vertical
3513.50	34.48	40.12	5.64	-	-	Vertical
1499.95	32.45	30.18	-2.27	54.00	23.82	Horizontal
3513.50	35.64	41.28	5.64	-	-	Horizontal

802.11ax(HE40)				Test Frequency: 5310MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1059.95	47.72	45.39	-2.33	74.00	28.61	Vertical
10629.65	43.61	49.86	6.25	74.00	24.14	Vertical
2117.05	44.05	44.93	0.88	68.20	23.27	Horizontal
10617.00	45.31	51.53	6.22	74.00	22.47	Horizontal
3539.90	32.82	38.74	5.92	-	-	Vertical
10623.90	31.63	37.87	6.24	54.00	16.13	Vertical
3539.90	37.12	43.04	5.92	-	-	Horizontal
10618.15	35.08	41.30	6.22	54.00	12.70	Horizontal
802.11ax(HE40)				Test Frequency: 5510MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3673.55	44.08	50.73	6.65	74.00	23.27	Vertical
11027.55	47.28	53.69	6.41	74.00	20.31	Vertical
3673.55	43.98	50.63	6.65	74.00	23.37	Horizontal
11026.40	50.39	56.80	6.41	74.00	17.20	Horizontal
3673.55	39.38	46.03	6.65	54.00	7.97	Vertical
11022.95	34.22	40.63	6.41	54.00	13.37	Vertical
3673.55	36.24	42.89	6.65	54.00	11.11	Horizontal
11018.35	35.59	41.99	6.40	54.00	12.01	Horizontal

802.11ax(HE40)				Test Frequency: 5550MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3700.50	45.00	51.73	6.73	74.00	22.27	Vertical
11094.25	46.17	52.70	6.53	74.00	21.30	Vertical
3700.50	44.09	50.82	6.73	74.00	23.18	Horizontal
11108.05	48.77	55.29	6.52	74.00	18.71	Horizontal
3699.95	40.19	46.92	6.73	54.00	7.08	Vertical
11101.15	33.50	40.04	6.54	54.00	13.96	Vertical
1920.15	33.03	32.19	-0.84	-	-	Horizontal
3699.95	37.89	44.62	6.73	54.00	9.38	Horizontal
802.11ax(HE40)				Test Frequency: 5670MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3780.80	46.25	53.55	7.30	74.00	20.45	Vertical
11339.20	60.94	68.17	7.23	74.00	5.83	Vertical
2117.60	44.07	44.91	0.84	68.20	23.29	Horizontal
11338.05	57.05	64.27	7.22	74.00	9.73	Horizontal
3780.25	43.61	50.91	7.30	54.00	3.09	Vertical
11339.20	45.07	52.30	7.23	54.00	1.70	Vertical
3779.70	33.33	40.63	7.30	54.00	13.37	Horizontal
11342.65	35.11	42.37	7.26	54.00	11.63	Horizontal

802.11ax(HE80)				Test Frequency: 5210MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1323.95	45.33	43.04	-2.29	74.00	30.96	Vertical
10436.45	55.12	60.56	5.44	68.20	7.64	Vertical
4379.75	43.71	52.82	9.11	74.00	21.18	Horizontal
10415.75	55.50	60.81	5.31	68.20	7.39	Horizontal
1499.95	32.29	30.02	-2.27	54.00	23.98	Vertical
10423.80	39.44	44.80	5.36	-	-	Vertical
1499.95	34.80	32.53	-2.27	54.00	21.47	Horizontal
10428.40	44.43	49.82	5.39	-	-	Horizontal
802.11ax(HE80)				Test Frequency: 5290MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
1057.75	49.04	46.75	-2.29	74.00	27.25	Vertical
10881.50	43.48	49.65	6.17	74.00	24.35	Vertical
2118.15	44.26	45.14	0.88	68.20	23.06	Horizontal
11048.25	43.15	49.60	6.45	74.00	24.40	Horizontal
1499.95	31.95	29.68	-2.27	54.00	24.32	Vertical
3526.70	33.43	39.22	5.79	-	-	Vertical
1499.95	33.01	30.74	-2.27	54.00	23.26	Horizontal
3526.70	36.68	42.47	5.79	-	-	Horizontal

802.11ax(HE80)				Test Frequency: 5530MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3687.30	45.49	52.18	6.69	74.00	21.82	Vertical
12588.10	44.02	52.74	8.72	74.00	21.26	Vertical
2118.15	44.87	45.71	0.84	68.20	22.49	Horizontal
11078.15	46.26	52.76	6.50	74.00	21.24	Horizontal
1499.95	32.29	29.97	-2.32	54.00	24.03	Vertical
3686.75	39.59	46.28	6.69	54.00	7.72	Vertical
3686.75	37.75	44.44	6.69	54.00	9.56	Horizontal
11050.55	32.60	39.06	6.46	54.00	14.94	Horizontal
802.11ax(HE80)				Test Frequency: 5610MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3740.65	46.32	53.31	6.99	74.00	20.69	Vertical
11232.25	47.00	53.57	6.57	74.00	20.43	Vertical
3740.10	43.59	50.56	6.97	74.00	23.44	Horizontal
11242.60	45.99	52.61	6.62	74.00	21.39	Horizontal
2518.55	35.01	37.41	2.40	-	-	Vertical
3740.10	42.57	49.54	6.97	54.00	4.46	Vertical
1499.95	34.40	32.08	-2.32	54.00	21.92	Horizontal
3740.10	36.28	43.25	6.97	54.00	10.75	Horizontal

802.11ax(HT160)				Test Frequency: 5250MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
2718.75	42.98	46.33	3.35	74.00	27.67	Vertical
2114.30	44.81	45.68	0.87	68.20	22.52	Horizontal
1499.95	32.13	29.86	-2.27	54.00	24.14	Vertical
3499.75	34.37	39.87	5.50	-	-	Vertical
1499.95	35.64	33.37	-2.27	54.00	20.63	Horizontal
3500.30	35.04	40.54	5.50	-	-	Horizontal
802.11ax(HT160)				Test Frequency: 5570MHz		
Frequency	Reading	Level	Factor	Limit	Margin	polarization
(MHz)	(dBμV)	(dBμV/m)	(dB)	(dBμV/m)	(dB)	
3713.70	44.99	51.81	6.82	74.00	22.19	Vertical
10424.95	44.56	49.93	5.37	68.20	18.27	Vertical
3713.70	43.80	50.62	6.82	74.00	23.38	Horizontal
11157.50	47.84	54.30	6.46	74.00	19.70	Horizontal
2592.80	32.32	35.10	2.78	-	-	Vertical
3713.15	41.02	47.83	6.81	54.00	6.17	Vertical
1999.90	32.18	32.15	-0.03	-	-	Horizontal
3713.15	37.13	43.94	6.81	54.00	10.06	Horizontal

Notes:

1. Level=Reading+Factor
2. The test trace is same as the ambient noise (the test frequency range: 18GHz~40GHz), therefore no data appear in the report.

8 Test Setup Photo

Reference to the **appendix I** for details.

9 EUT Constructional Details

Reference to the **appendix II** for details.

---END---