



TEST REPORT

Applicant: Shanghai Genesis Technology Co., Ltd.
Address of Applicant: Room 1501, Tower A, Zhonghai Center, Putuo District, Shanghai, China
Manufacturer: Shanghai Genesis Technology Co., Ltd
Address of Manufacturer: Room 1501, Tower A, Zhonghai Center, Putuo District, Shanghai, China
Product Name: Mindora
Model No.: Dream-One
Trade Mark: Mindora Dream™
FCC ID: 2BX68DREAM-ONE
Applicable standards: FCC CFR Title 47 Part 15 Subpart E Section 15.407
Date of Test: Sept. 08, 2026- Sept. 29, 2026
Date of report issued: Sept. 29, 2026

Remark:

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The report would be invalid without specific stamp of test institute and the signatures of compiler and approver

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Report Revision History		
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1 Test Summary

Test Item	Section in CFR 47	Result	Test by
Antenna requirement	47CFR part 15.203	Pass	/
AC Power Line Conducted Emission	47CFR part 15.207	Pass	Jason Huang
Conducted Output Power	47CFR part 15.407 (a)(1)/(a)(3)	Pass	Kara Wu
26dB Bandwidth	47CFR part 15.407 (a)(12)	Pass	Kara Wu
6dB Bandwidth	47CFR part 15.407 (e)	Pass	Kara Wu
Power Spectral Density	47CFR part 15.407(a)(1)/(a)(3)	Pass	Kara Wu
Band Edge	47CFR part 15.407(b)(1)/(b)(4)	Pass	Kara Wu
Spurious Emission	47CFR part 15.205/15.209 47CFR part 15.407(b)(1)/(b)(4)/(b)(8)	Pass	Jason Huang
Frequency Stability	47CFR part 15.407(g)	Pass	Kara Wu

Remarks:

1. Pass: The EUT complies with the essential requirements in the standard.
2. Test according to ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 and KDB 789033 D02 General U-NII Test Procedures New Rules v02r01
3. Note: Compliance determination rules
 - 1).The Compliance determination of test results does not take into account measurement uncertainty. Measurement results are determined based on regulatory limitations or requirements specified by the applicant/manufacturer. If measurement uncertainty is taken into account, the applicant/manufacturer will bear all possible risks of non-compliance.
 - 2).The measurement uncertainty please refer to each test result in the "Measurement Uncertainty"

1.1 Measurement Uncertainty

Test Item	Measurement Uncertainty	Notes
Occupied Channel Bandwidth	0.72%	(1)
RF output power, conducted	±0.67 dB	(1)
Power Spectral Density, conducted	±0.51 dB	(1)
Unwanted Emissions, conducted	±0.64 dB	(1)
AC Power Line Conducted Emission	± 3.38 dB	(1)
Radiated emissions 9K-30MHz	±4.26 dB	(1)
Radiated emissions 30M- 1GHz	±4.88 dB	(1)
Radiated emissions 1GHz-18GHz	± 4.16 dB	(1)
Radiated emissions 18GHz-40GHz	±4.14 dB	(1)
Frequency error	Uc=6X10 ⁻⁷	(1)
Duty Cycle	0.03	(1)

Note (1): The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

2 General Information

2.1 General Description of EUT

Product Name:	Mindora
Model No.:	Dream-One
Difference of model(s)	N/A
Test Model:	Dream-One
Hardware Version:	V04
Software Version:	N/A
Power supply:	Input: 20Vdc 3A
Battery:	N/A
Adapter:	Model: XSI-2003000HUS Brand: Sunshine Input: 100-240Vac 50/60Hz 1.2A Max Output: 20Vdc 3A Manufacturer: Shenzhen Sunshine Technological Co., Ltd.
Radio Technology:	5G RLAN
Operation Frequency:	☒ 5180-5240MHz for 802.11a/n20/ac20/ax20 5190-5230MHz for 802.11n40/ac40/ax40 ☒ 5260-5320MHz for 802.11a/n20/ac20/ax20 5270-5310MHz for 802.11n40/ac40/ax40 ☒ 5500-5700MHz for 802.11a/n20/ac20/ax20 52510-5670MHz for 802.11n40/ac40/ax40 ☒ 5745-5825 MHz for 802.11a/n20/ac20/ax20; 5755-5795 MHz for 802.11n40/ac40/ax40
Channel numbers:	☒ 4 channels for 802.11a/n20/ac20/ax20 in the 5180-5240MHz band; 2 channels for 802.11 n40/ac40/ax40 in the 5190-5230MHz band ☒ 4 channels for 802.11a/n20/ac20/ax20 in the 5260-5320MHz band; 2 channels for 802.11 n40/ac40/ax40 in the 5270-5310MHz band ☒ 11channels for 802.11a/n20/ac20/ax20 in the 5500-5700MHz band; 5 channels for 802.11 n40/ac40/ax40 in the 5510-5670MHz band ☒ 5 channels for 802.11a/n20/ac20/ax20 in the 5745-5825MHz band ; 2 channels for 802.11 n40/ac40/ax40 in the 5755-5795MHz band
Channel bandwidth:	802.11an20/ ac20/ax20 : 20MHz 802.11n40/ac40/ax40 : 40MHz
Modulation technology:	Orthogonal Frequency Division Multiplexing (OFDM) with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM
Antenna Type:	Metal Antenna
Antenna gain:	2.62dBi
Note: 1.For more details, refer to the user's manual of the EUT. 2.Antenna information is provided by applicant, Testing lab is not responsible for the accuracy of the information	

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

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Test channel	Frequency (MHz)	
	802.11 a /n20/ac20/ax20	802.11 n40/ac40/ax40
Lowest channel	5180	5190
Middle channel	5200	
Highest channel	5240	5230

Test channel	Frequency (MHz)	
	802.11 a /n20/ac20/ax20	802.11 n40/ac40/ax40
Lowest channel	5260	5270
Middle channel	5300	
Highest channel	520	5310

Test channel	Frequency (MHz)	
	802.11 a /n20/ac20/ax20	802.11 n40/ac40/ax40
Lowest channel	5500	5510
Middle channel	5580	5550
Highest channel	5700	5670



Test channel	Frequency (MHz)	
	802.11 a /n20/ac20/ax20	802.11 n40/ac40/ax40
Lowest channel	5745	5755
Middle channel	5785	
Highest channel	5825	5795

2.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode.
<i>Remark: the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data...</i>	

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:

Pretest Mode	Description
Mode 1	802.11a / n20/ ac20/ ax20 CH36/CH40/CH48 802.11a / n20/ ac20/ ax20 CH52/CH60/CH64 802.11a / n20/ ac20/ ax20 CH100/CH116/CH140 802.11a / n 20/ac 20/ ax20 CH149/CH157/CH165
Mode 2	802.11n 40/ac40/ ax40 CH38/CH46 802.11n 40/ac40/ ax40 CH54/CH62 802.11n 40/ac40/ ax40 CH102/CH110/CH134 802.11n 40/ac40/ ax40 CH 151/CH159
Mode 3	/
Mode 4	/
Mode 5	Link Mode

Conducted Emission	
Final Test Mode	Description
Mode 5	Link Mode

For Radiated Emission	
Final Test Mode	Description
Mode 1	802.11a / n20/ ac20/ ax20 CH36/CH40/CH48 802.11a / n20/ ac20/ ax20 CH52/CH60/CH64 802.11a / n20/ ac20/ ax20 CH100/CH116/CH140 802.11a / n 20/ac 20/ ax20 CH149/CH157/CH165
Mode 2	802.11n 40/ac40/ax40 CH38/CH46 802.11n 40/ac40/ax40 CH54/CH62 802.11n 40/ac40/ax40 CH102/CH110/CH134 802.11n 40/ac40/ax40 CH 151/CH159
Mode 3	/
Mode 4	/

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

2.3 Description of Support Units

No.	Description	Manufacturer	Model	Serial Number
1	Laptop	DELL	Vostro 3520	/
2	Adapter	HUAWEI	HW-200325CP3	/

2.4 Test Facility

Test laboratory:	Shenzhen ETR Standard Technology Co., Ltd.
CNAS Registration Number:	L11864
A2LA Certificate Number:	6640.01
FCC Designation Number:	CN1326
FCC Test Firm Registration:	183064
IC Company Number:	28440
IC CAB identifier:	CN0132
Laboratory location:	No.103, No.10, Phase I, Zone 3, Xinxing Industrial Park, Xinhe, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

2.5 Additional Instructions

Test Software	sscom5.13.1
Power level setup	see the form below

RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
WIFI(5G)	U-NII-1 (5150MHz-5250MHz)	802.11a	2.62	12	sscom5.13.1
		802.11n(HT20)		13	
		802.11n(HT40)		12	
		802.11ac(VHT20)		12	
		802.11ac(VHT40)		12	
		802.11ax(HE20)		12	
		802.11ax(HE40)		12	
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
WIFI(5G)	U-NII-2A (5250MHz-5350MHz)	802.11a	2.62	12	sscom5.13.1
		802.11n(HT20)		13	
		802.11n(HT40)		12	
		802.11ac(VHT20)		12	
		802.11ac(VHT40)		12	
		802.11ax(HE20)		12	
		802.11ax(HE40)		12	



RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
WIFI(5G)	U-NII-2C (5470MHz-5725MHz)	802.11a	2.62	12	sscom5.13.1
		802.11n(HT20)		13	
		802.11n(HT40)		12	
		802.11ac(VHT20)		12	
		802.11ac(VHT40)		12	
		802.11ax(HE20)		12	
		802.11ax(HE40)		12	
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
WIFI(5G)	U-NII-3 (5725MHz-5850MHz)	802.11a	2.62	12	sscom5.13.1
		802.11n(HT20)		13	
		802.11n(HT40)		12	
		802.11ac(VHT20)		12	
		802.11ac(VHT40)		12	
		802.11ax(HE20)		12	
		802.11ax(HE40)		12	

3 Test Instruments list

Conducted Emission

Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	EMI Test Receiver	Rohde&schwarz	ESCI3	102696	2026.3.05	2027.3.04
2	Artificial power network	schwarabeck	NSLK8127	8127483	2026.3.05	2027.3.04
3	Artificial power network	ETS	3186/2NM	1132	2026.3.05	2027.3.04
4	10dB attenuator	HUBER+SUHNER	10dB	/	2026.3.05	2027.3.04
5	Cable 4	HUBER SUNNER	3M	/	2026.3.05	2027.3.04
6	Absorbing Clamp	schwarabeck	MDS21	D69250	2026.3.05	2027.3.04

Radiated Emission & RF Conducted test:

Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	EMI Test Receiver	Rohde&schwarz	ESCI7	101032	2026.3.05	2027.3.04
2	Broadband antenna	schwarabeck	VULB9168	1064	2026.3.11	2028.3.10
3	Horn antenna	schwarabeck	BBHA9120D	9120D-1145	2026.3.08	2028.3.07
4	Amplifier	EMtrace	RP01A	50117	2026.3.05	2027.3.04
5	Amplifier	Space-Dtronic	EVLAN0118G-P40	19113001	2026.3.05	2027.3.04
6	Spectrum analyzer	KEYSIGHT	N9020A	MY55370280	2026.3.05	2027.3.04
7	Power detector meter	MWRFtest	MW100-PSB	MW201020JYT	2026.3.05	2027.3.04
8	Signal generator	Agilent	N5182A	MY49060455	2026.3.05	2027.3.04
9	Spectrum analyzer	Rohde&schwarz	FSV-40N	102137	2026.3.05	2027.3.04
10	Amplifier	SKET	LNPA_1840-50	SK2019040302	2026.3.05	2027.3.04
11	Horn antenna	schwarabeck	BBHA 9170	946	2026.3.08	2028.3.07
12	Loop antenna	schwarabeck	FMZB 1519 B	128	2026.3.08	2028.3.07
13	Cable 6	HUBER SUNNER	0.5M	/	2026.3.05	2027.3.04
14	Cable7	HUBER SUNNER	2.0M	/	2026.3.05	2027.3.04
15	Cable8	HUBER SUNNER	6.0M	/	2026.3.05	2027.3.04
16	Filter	Xin bo	XBLBQ-GTA29	210410-3-2	2026.3.05	2027.3.04
17	Power Sensor	Keysight	U2021XA	MY54111006	2026.3.05	2027.3.04
18	Temp. & Humidity Chamber	Jiecheng Instrument	QA-LP-80	20160705001	2026/3/06	2027/3/05

Note: the calibration interval of the above test instruments is 12 or 24 months and the calibrations are traceable to international system unit (SI).

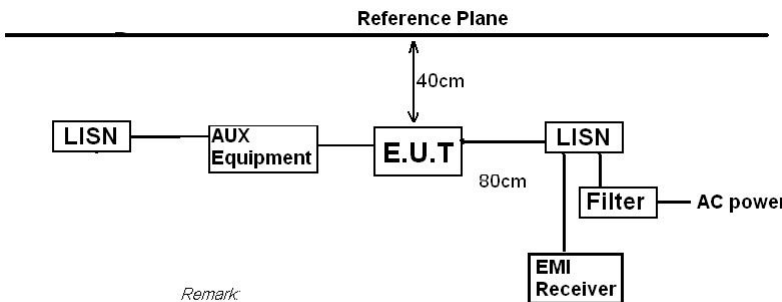
Software Name	Manufacturer	Model	Version
RF test software	MWRFtest	MTS 8310	V2.0.0.0
Conducted test software	EZ-EMC	Farad	Ver.EMC-CON 3A1.1
Radiated test software	EZ-EMC	Farad	Ver.FA-03A2 RE

4 Test results and Measurement Data

4.1 Antenna requirement

Standard requirement:	47CFR Part 15.203
<i>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.</i>	
E.U.T Antenna:	
The antenna is Metal Antenna, the best case gain of the antenna is 1.19dBi, reference to the Internal photos for details.	

4.2 Conducted Emissions

Test Requirement:	47CFR Part 15.207						
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §6.2						
Test Frequency Range:	150KHz to 30MHz						
Class / Severity:	Class B						
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto						
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 setup:	Reference Plane  <i>Remark</i> E.U.T: Equipment Under Test LISN: Line Impedance Stabilization Network						
Test procedure:	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. 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 C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 on conducted measurement.						
Test Instruments:	Refer to section 3.0 for details						
Test mode:	Refer to section 2.2 for details						
Test environment:	Temp.:	23.9°C	Humid.:	55%	Press.:	1012mbar	
Test voltage:	AC 120V 60Hz						
Test results:	Pass						

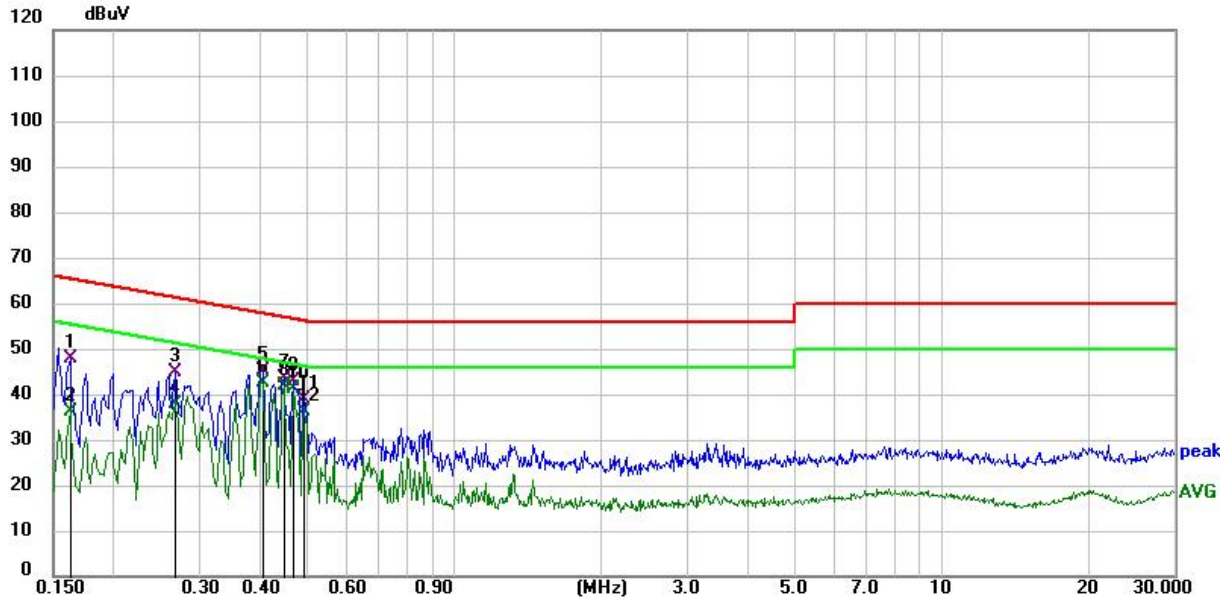
Remark:

1. Both high voltage and low voltage have been tested, and the report only shows the worst case data with AC 120V/60Hz.
2. All mode have been tested, the report only shows the worst mode of 802.11n20 (5200MHz)

Measurement Result

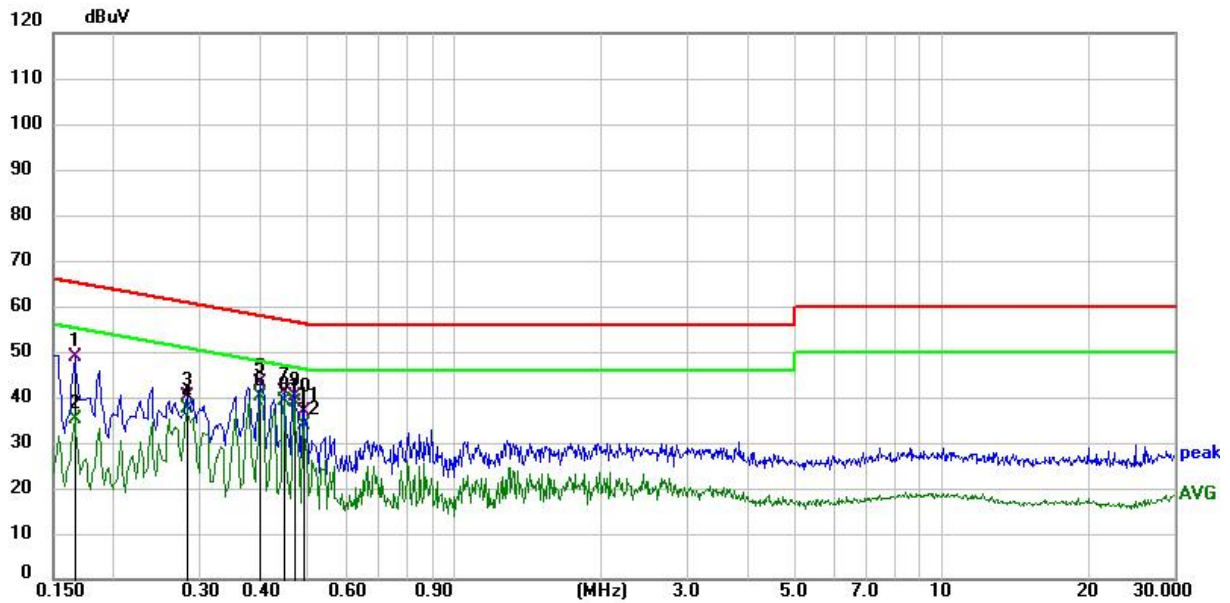
5.2G WIFI

Line:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1620	28.56	19.37	47.93	65.36	-17.43	QP	Pass
2	0.1620	16.77	19.37	36.14	55.36	-19.22	AVG	Pass
3	0.2660	25.30	19.37	44.67	61.24	-16.57	QP	Pass
4	0.2660	18.62	19.37	37.99	51.24	-13.25	AVG	Pass
5	0.4020	25.78	19.38	45.16	57.81	-12.65	QP	Pass
6	0.4020	23.03	19.38	42.41	47.81	-5.40	AVG	Pass
7	0.4460	24.17	19.39	43.56	56.95	-13.39	QP	Pass
8 *	0.4460	22.29	19.39	41.68	46.95	-5.27	AVG	Pass
9	0.4660	23.49	19.39	42.88	56.58	-13.70	QP	Pass
10	0.4660	21.72	19.39	41.11	46.58	-5.47	AVG	Pass
11	0.4900	19.34	19.40	38.74	56.17	-17.43	QP	Pass
12	0.4900	16.70	19.40	36.10	46.17	-10.07	AVG	Pass

Neutral:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1660	29.48	19.40	48.88	65.16	-16.28	QP	Pass
2	0.1660	15.87	19.40	35.27	55.16	-19.89	AVG	Pass
3	0.2819	20.68	19.38	40.06	60.76	-20.70	QP	Pass
4	0.2819	18.23	19.38	37.61	50.76	-13.15	AVG	Pass
5	0.3980	23.65	19.36	43.01	57.90	-14.89	QP	Pass
6	0.3980	20.94	19.36	40.30	47.90	-7.60	AVG	Pass
7	0.4460	21.98	19.35	41.33	56.95	-15.62	QP	Pass
8	0.4460	19.90	19.35	39.25	46.95	-7.70	AVG	Pass
9	0.4700	20.88	19.34	40.22	56.51	-16.29	QP	Pass
10 *	0.4700	19.64	19.34	38.98	46.51	-7.53	AVG	Pass
11	0.4900	17.55	19.34	36.89	56.17	-19.28	QP	Pass
12	0.4900	14.42	19.34	33.76	46.17	-12.41	AVG	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. Final Level = Receiver Read level + LISN Factor + Cable Loss
4. *If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.*

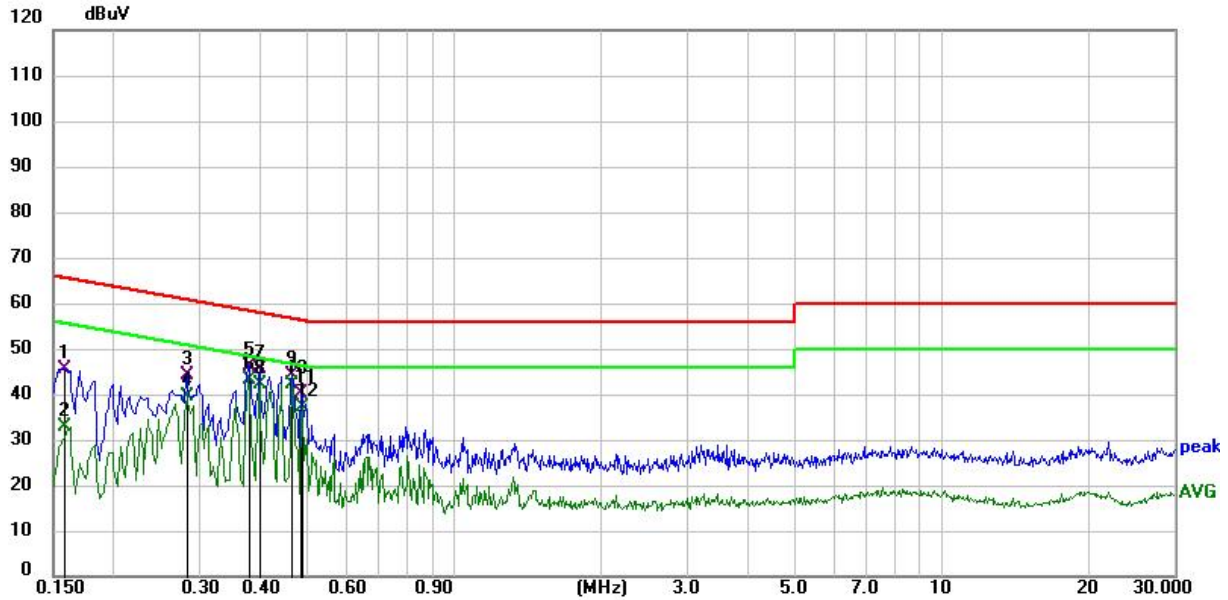
Remark:

1. Both high voltage and low voltage have been tested, and the report only shows the worst case data with AC 120V/60Hz.
2. All mode have been tested, the report only shows the worst mode of 802.11n20 (52260MHz)

Measurement Result

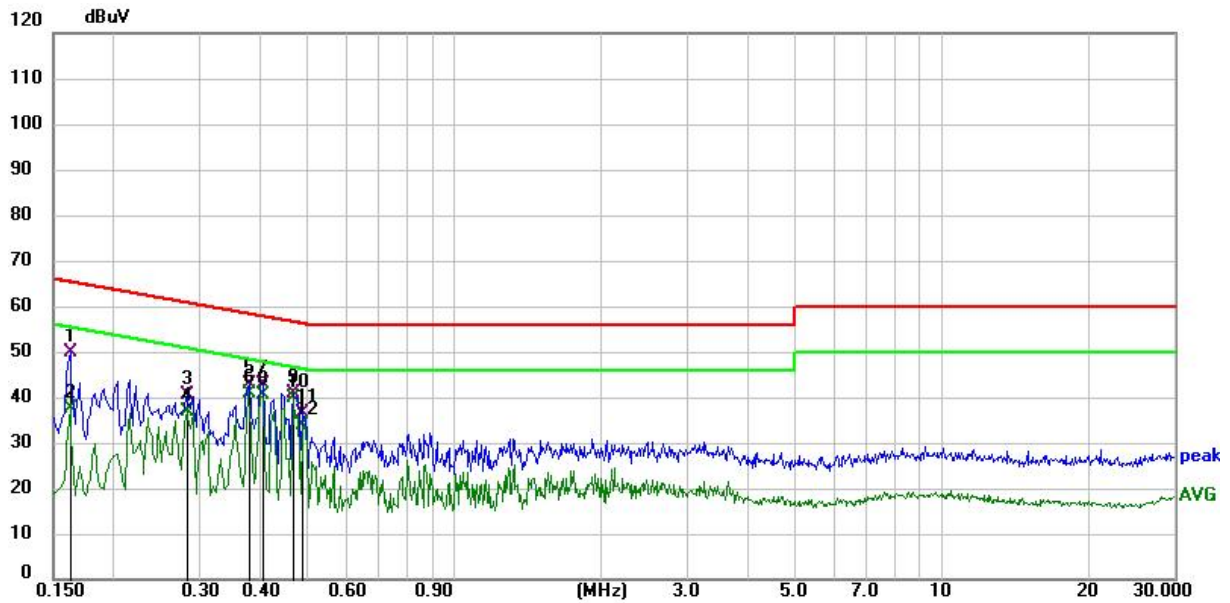
5.3G WIFI

Line:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1580	26.18	19.37	45.55	65.57	-20.02	QP	Pass
2	0.1580	13.54	19.37	32.91	55.57	-22.66	AVG	Pass
3	0.2819	24.89	19.37	44.26	60.76	-16.50	QP	Pass
4	0.2819	20.11	19.37	39.48	50.76	-11.28	AVG	Pass
5	0.3780	26.86	19.38	46.24	58.32	-12.08	QP	Pass
6	0.3780	23.64	19.38	43.02	48.32	-5.30	AVG	Pass
7	0.3980	26.27	19.38	45.65	57.90	-12.25	QP	Pass
8 *	0.3980	22.83	19.38	42.21	47.90	-5.69	AVG	Pass
9	0.4620	24.68	19.39	44.07	56.66	-12.59	QP	Pass
10	0.4620	22.79	19.39	42.18	46.66	-4.48	AVG	Pass
11	0.4820	20.62	19.40	40.02	56.30	-16.28	QP	Pass
12	0.4860	17.80	19.40	37.20	46.24	-9.04	AVG	Pass

Neutral:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1620	30.43	19.40	49.83	65.36	-15.53	QP	Pass
2	0.1620	18.11	19.40	37.51	55.36	-17.85	AVG	Pass
3	0.2819	21.22	19.38	40.60	60.76	-20.16	QP	Pass
4	0.2819	17.50	19.38	36.88	50.76	-13.88	AVG	Pass
5	0.3780	23.38	19.36	42.74	58.32	-15.58	QP	Pass
6	0.3780	21.48	19.36	40.84	48.32	-7.48	AVG	Pass
7	0.4020	23.32	19.35	42.67	57.81	-15.14	QP	Pass
8	0.4020	21.26	19.35	40.61	47.81	-7.20	AVG	Pass
9	0.4660	21.64	19.34	40.98	56.58	-15.60	QP	Pass
10 *	0.4660	20.35	19.34	39.69	46.58	-6.89	AVG	Pass
11	0.4863	17.00	19.34	36.34	56.23	-19.89	QP	Pass
12	0.4863	14.64	19.34	33.98	46.23	-12.25	AVG	Pass

Notes:

5. An initial pre-scan was performed on the line and neutral lines with peak detector.
6. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
7. Final Level = Receiver Read level + LISN Factor + Cable Loss
8. *If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.*

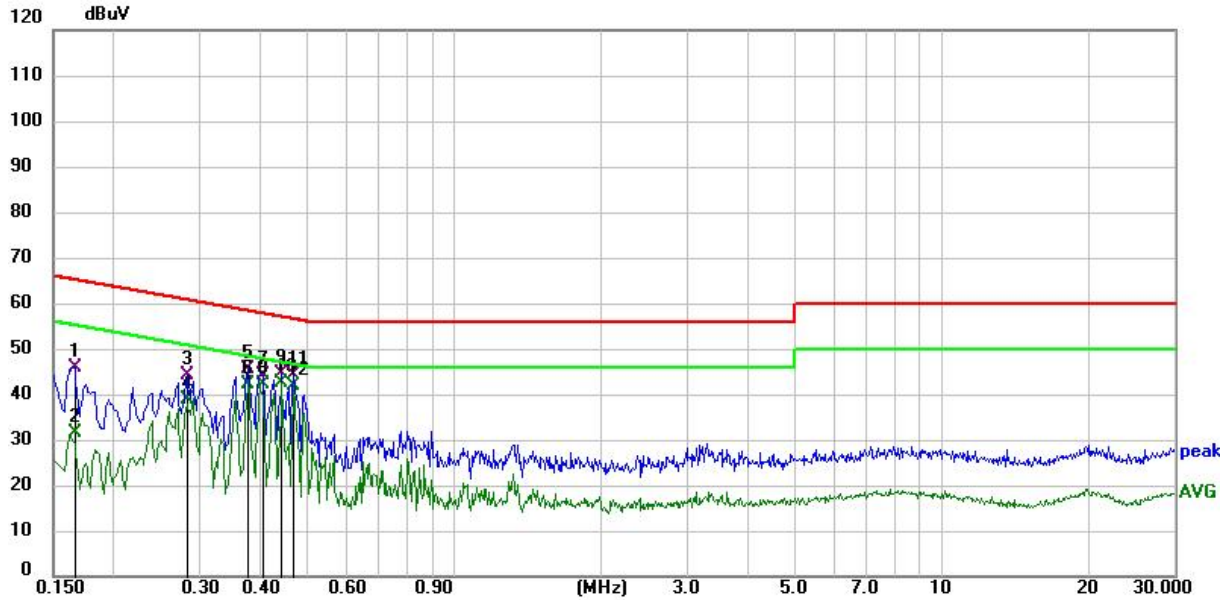
Remark:

1. Both high voltage and low voltage have been tested, and the report only shows the worst case data with AC 120V/60Hz.
2. All mode have been tested, the report only shows the worst mode of 802.11n20 (5700MHz)

Measurement Result

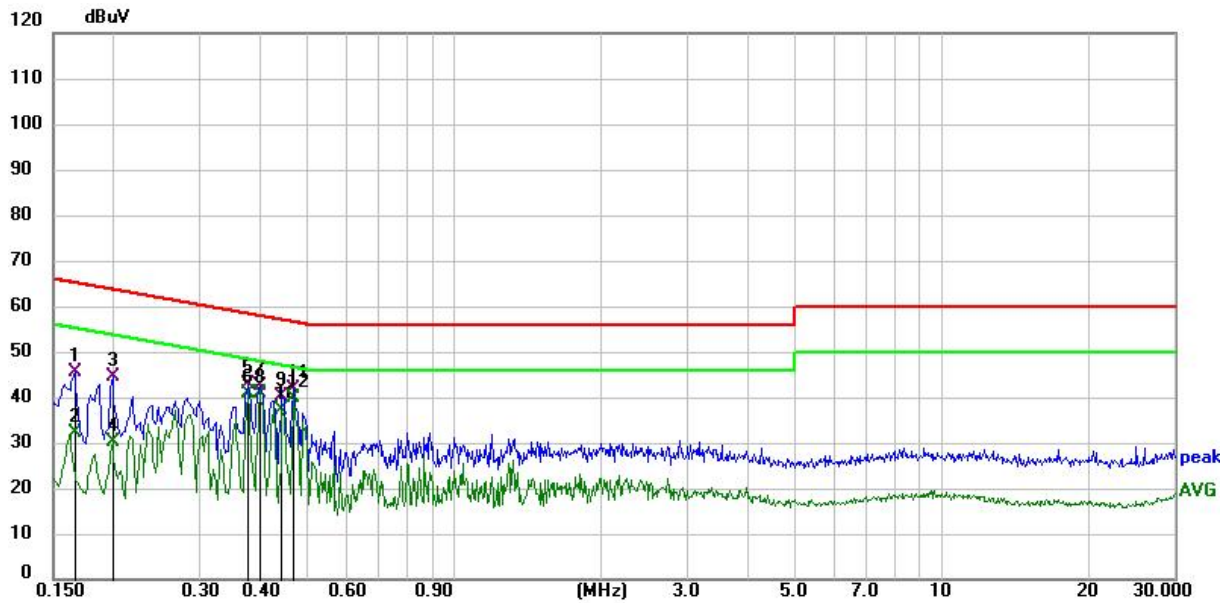
5.6G WIFI

Line:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1660	26.40	19.38	45.78	65.16	-19.38	QP	Pass
2	0.1660	12.04	19.38	31.42	55.16	-23.74	AVG	Pass
3	0.2819	24.79	19.37	44.16	60.76	-16.60	QP	Pass
4	0.2819	19.63	19.37	39.00	50.76	-11.76	AVG	Pass
5	0.3740	25.97	19.37	45.34	58.41	-13.07	QP	Pass
6	0.3740	22.78	19.37	42.15	48.41	-6.26	AVG	Pass
7	0.4020	24.75	19.38	44.13	57.81	-13.68	QP	Pass
8 *	0.4020	22.67	19.38	42.05	47.81	-5.76	AVG	Pass
9	0.4420	25.17	19.39	44.56	57.02	-12.46	QP	Pass
10	0.4420	23.11	19.39	42.50	47.02	-4.52	AVG	Pass
11	0.4660	24.84	19.39	44.23	56.58	-12.35	QP	Pass
12	0.4660	22.58	19.39	41.97	46.58	-4.61	AVG	Pass

Neutral:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1660	26.05	19.40	45.45	65.16	-19.71	QP	Pass
2	0.1660	12.68	19.40	32.08	55.16	-23.08	AVG	Pass
3	0.1980	25.17	19.37	44.54	63.69	-19.15	QP	Pass
4	0.1980	10.79	19.37	30.16	53.69	-23.53	AVG	Pass
5	0.3740	23.46	19.36	42.82	58.41	-15.59	QP	Pass
6	0.3740	21.47	19.36	40.83	48.41	-7.58	AVG	Pass
7	0.3980	23.24	19.36	42.60	57.90	-15.30	QP	Pass
8	0.3980	21.41	19.36	40.77	47.90	-7.13	AVG	Pass
9	0.4420	20.77	19.35	40.12	57.02	-16.90	QP	Pass
10 *	0.4420	17.97	19.35	37.32	47.02	-9.70	AVG	Pass
11	0.4660	22.47	19.34	41.81	56.58	-14.77	QP	Pass
12	0.4660	20.34	19.34	39.68	46.58	-6.90	AVG	Pass

Notes:

9. An initial pre-scan was performed on the line and neutral lines with peak detector.
10. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
11. Final Level = Receiver Read level + LISN Factor + Cable Loss
12. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.

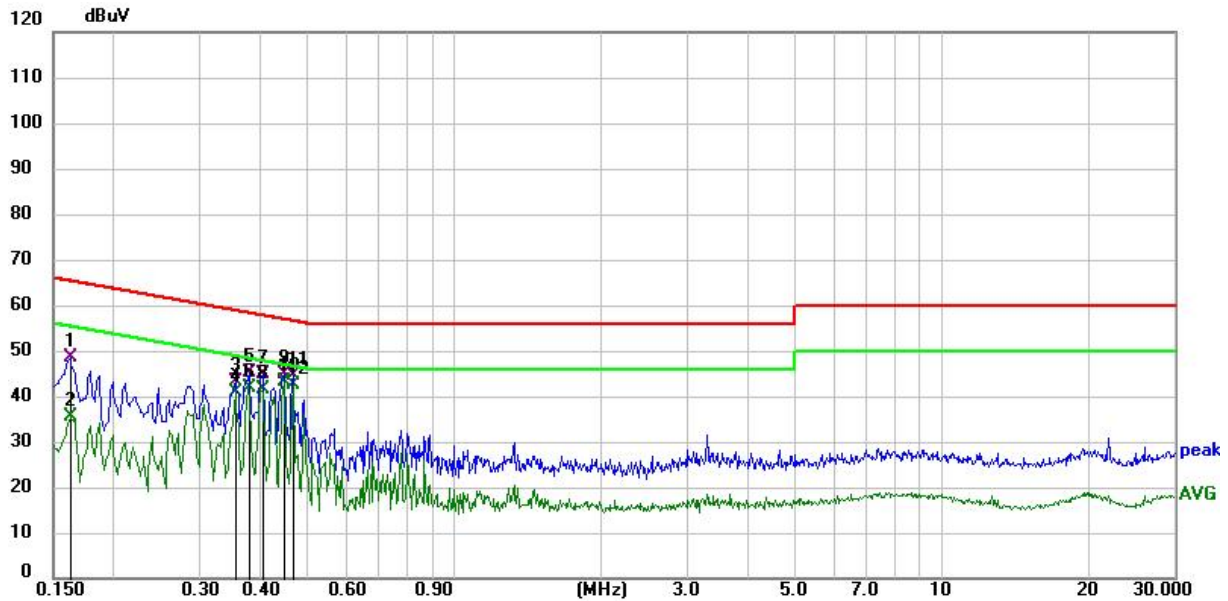
Remark:

1. Both high voltage and low voltage have been tested, and the report only shows the worst case data with AC 120V/60Hz.

2. All mode have been tested, the report only shows the worst mode of 802.11n20 (5745MHz)

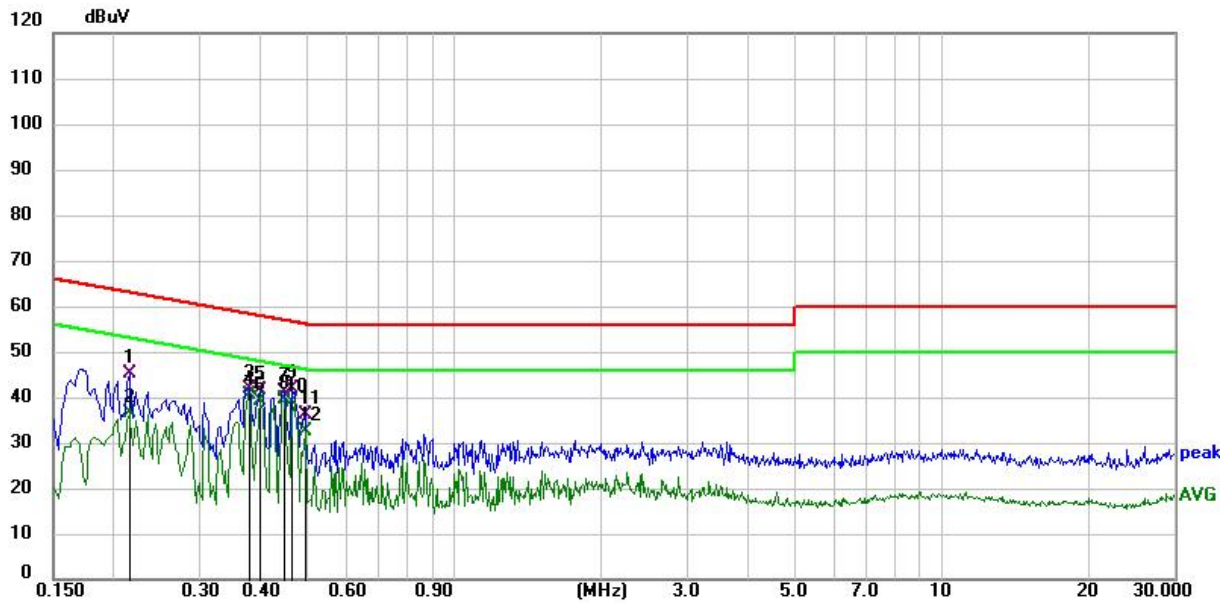
5.8G WIFI

Line:



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.1620	29.08	19.37	48.45	65.36	-16.91	QP	Pass
2	0.1620	16.03	19.37	35.40	55.36	-19.96	AVG	Pass
3	0.3540	23.88	19.37	43.25	58.87	-15.62	QP	Pass
4	0.3540	21.53	19.37	40.90	48.87	-7.97	AVG	Pass
5 *	0.3780	25.80	19.38	45.18	58.32	-13.14	QP	Pass
6	0.3780	22.32	19.38	41.70	48.32	-6.62	AVG	Pass
7	0.4020	25.34	19.38	44.72	57.81	-13.09	QP	Pass
8	0.4020	22.21	19.38	41.59	47.81	-6.22	AVG	Pass
9	0.4460	25.30	19.39	44.69	56.95	-12.26	QP	Pass
10	0.4460	23.81	19.39	43.20	46.95	-3.75	AVG	Pass
11	0.4660	24.95	19.39	44.34	56.58	-12.24	QP	Pass
12	0.4660	23.00	19.39	42.39	46.58	-4.19	AVG	Pass

Neutral:

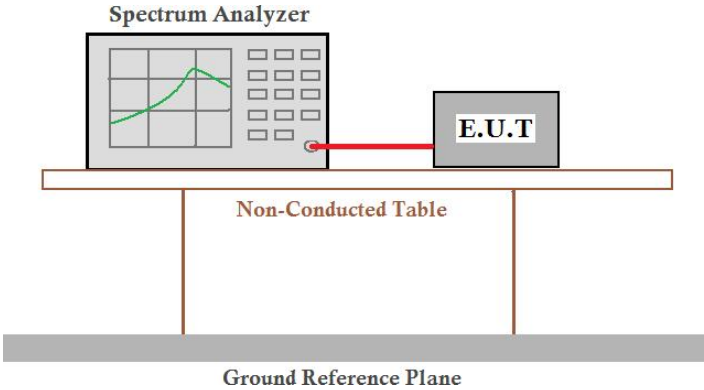


No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Pass/Fail
1	0.2140	25.89	19.37	45.26	63.05	-17.79	QP	Pass
2	0.2140	17.00	19.37	36.37	53.05	-16.68	AVG	Pass
3	0.3780	22.49	19.36	41.85	58.32	-16.47	QP	Pass
4	0.3780	21.29	19.36	40.65	48.32	-7.67	AVG	Pass
5	0.3980	22.09	19.36	41.45	57.90	-16.45	QP	Pass
6	0.3980	19.89	19.36	39.25	47.90	-8.65	AVG	Pass
7 *	0.4460	21.97	19.35	41.32	56.95	-15.63	QP	Pass
8	0.4460	20.13	19.35	39.48	46.95	-7.47	AVG	Pass
9	0.4620	22.50	19.35	41.85	56.66	-14.81	QP	Pass
10	0.4620	19.51	19.35	38.86	46.66	-7.80	AVG	Pass
11	0.4940	16.78	19.34	36.12	56.10	-19.98	QP	Pass
12	0.4940	13.09	19.34	32.43	46.10	-13.67	AVG	Pass

Notes:

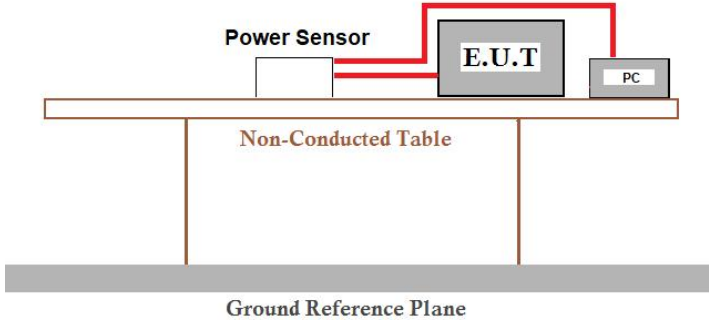
13. An initial pre-scan was performed on the line and neutral lines with peak detector.
14. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission.
15. Final Level = Receiver Read level + LISN Factor + Cable Loss
16. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits and measurement with the average detector receiver is unnecessary.

4.3 Duty cycle

Test Method :	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024§§12.2	
Limit:	/	
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. The table is supported by two vertical legs and sits on a Ground Reference Plane.	
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.8°C	Humid.: 51%RH
Test voltage:	AC 120V 60HZ	
Test results:	Pass	

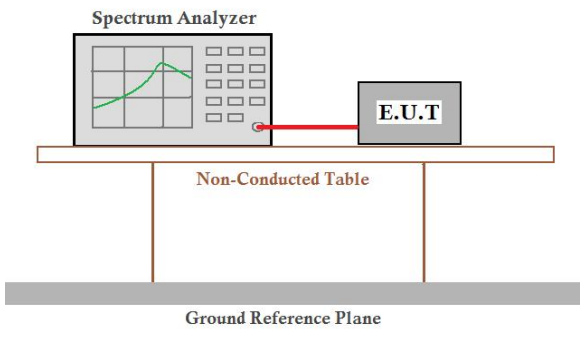
Note: The test data please refer to APPENDIX 1.

4.4 Conducted Output Power

Test Requirement:	47CFR Part 15.407 (a)(1)/(a)(3)	
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024§12.4.3.1	
Limit:	5150-5250MHz : 250 mW 5250-5350 MHz : 250 mW or 11 dBm + 10 log (26 dB emission bandwidth) 5470-5725 MHz : 250 mW or 11 dBm + 10 log (26 dB emission bandwidth) 5725~5850MHz : 1W	
Test setup:		
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.8°C	Humid.: 51%RH
Test voltage:	AC 120V 60HZ	
Test results:	Pass	

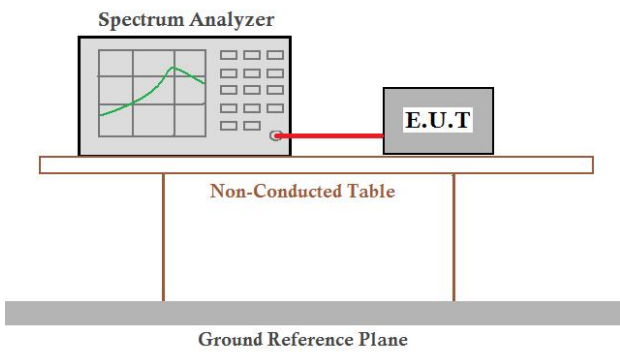
Note: The test data please refer to APPENDIX 1.

4.5 Occupy Bandwidth

Test Requirement:	47CFR Part 15.407(a)(12)&15.407(e),	
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01, ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024§12.5	
Limit:	Measurements in the 5.725-5.85 GHz band, the minimum bandwidth 6 dB bandwidth of U-NII devices shall be at least 500KHz. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.	
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected via a red cable to an E.U.T. (Equipment Under Test). Both are placed on a Non-Conducted Table. Below the table is a Ground Reference Plane.	
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.8°C	Humid.: 51%RH
Test voltage:	AC 120V 60HZ	
Test results:	Pass	

Note: The test data please refer to APPENDIX 1.

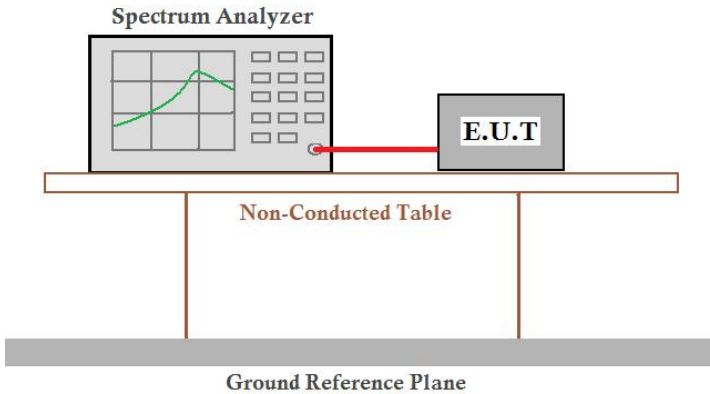
4.6 Power Spectral Density

Test Requirement:	47CFR Part 15.407(a)(1)/ (a)(3)	
Test Method:	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01, ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024§12.6	
Limit:	Frequency band (MHz)	Limit
	5150-5250	≤17dBm/1MHz for master device
		≤11dBm/1MHz for client device
	5250-5350	≤11dBm/1MHz for client device
	5470-5725	≤11dBm/1MHz for client device
	5725-5850	≤30dBm/500kHz
Test setup:		
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.8°C	Humid.: 51%RH
Test voltage:	AC 120V 60HZ	
Test results:	Pass	

Note: The test data please refer to APPENDIX 1.

4.7 Band edge

4.7.1 Conducted test Method

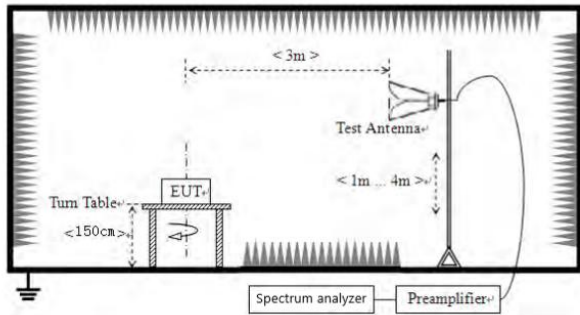
Test Requirement:	47CFR Part 15.209 and 15.205
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 §6.10.2
Limit:	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (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 e.i.r.p. of -27 dBm/MHz. (4) For transmitters operating solely in the 5.725-5.850 GHz band: (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Test setup:	 The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T. (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table. The table is supported by two vertical legs and sits on a Ground Reference Plane, which is represented by a thick grey bar at the bottom.
Test Procedure:	1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator. 2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range. 3. Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span. 4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency. 5. Repeat above procedures until all measured frequencies were complete..



Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.8°C	Humid.: 51%RH
Test voltage:	AC 120V 60HZ	
Test results:	Pass	

Note: The test data please refer to APPENDIX 1.

4.7.2 Radiated test Method

Test Requirement:	47CFR Part 15.209 and 15.205				
Test Method:	ANSI C63.10-2020+COR 1-2023§6.10				
Test site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	100KHz	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.				
	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.				
Test setup:	Above 1GHz				
					

Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 meters 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. 1. The EUT was placed on the top of a rotating table 1.5 meters 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 rota 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. 7. The radiation measurements are performed in X, Y, Z axis positioning. And found the X axis positioning which it is worse case, only the test worst case mode is recorded in the report.	
Test Instruments:	Refer to section 3.0 for details	
Test mode:	Refer to section 2.2 for details	
Test environment:	Temp.: 24.8°C	Humid.: 51%RH
Test voltage:	AC 120V 60HZ	
Test results:	Pass	

Remark:

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.Two antennas are tested, only the worst case's (Main Antenna) data was showed.

4.The pre-test were performed on lowest, middle and highest frequencies, only the worst case's (lowest and highest frequencies) data was showed.

5.According to KDB 789033 D02v02r01 section G) 1) d),for measurements above 1000 MHz @3m distance, the limit of field strength is computed as follows:

$$E[dBuV/m] = EIRP[dBm] + 95.2;$$

For example, if EIRP = -27dBm

$$E[dBuV/m] = -27 + 95.2 = 68.2dBuV/m.$$

$$E[dBuV/m] = 10 + 95.2 = 105.2dBuV/m.$$

$$E[dBuV/m] = 15.6 + 95.2 = 110.8dBuV/m.$$

$$E[dBuV/m] = 27 + 95.2 = 122.2dBuV/m$$



5.2G WIFI

IEEE 802.11a							
Operation Frequency:5180MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	52.1	-7.53	44.57	74	-29.43	Horizontal	PK
5150	51.9	-7.53	44.37	74	-29.63	Vertical	PK
5150	42.81	-7.53	35.28	54	-18.72	Horizontal	AV
5150	41.2	-7.53	33.67	54	-20.33	Vertical	AV

IEEE 802.11a							
Operation Frequency:5240MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	47.05	-7.06	39.99	74	-34.01	Horizontal	PK
5350	52.52	-7.06	45.46	74	-28.54	Vertical	PK
5350	38.22	-7.06	31.16	54	-22.84	Horizontal	AV
5350	43.13	-7.06	36.07	54	-17.93	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5180MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	50.87	-7.53	43.34	74	-30.66	Horizontal	PK
5150	49.97	-7.53	42.44	74	-31.56	Vertical	PK
5150	42.04	-7.53	34.51	54	-19.49	Horizontal	AV
5150	41.11	-7.53	33.58	54	-20.42	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5240MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	46.66	-7.06	39.6	74	-34.4	Horizontal	PK
5350	51.38	-7.06	44.32	74	-29.68	Vertical	PK
5350	38.26	-7.06	31.2	54	-22.8	Horizontal	AV
5350	42.52	-7.06	35.46	54	-18.54	Vertical	AV



IEEE 802.11ac20							
Operation Frequency:5180MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	53.57	-7.53	46.04	74	-27.96	Horizontal	PK
5150	52.44	-7.53	44.91	74	-29.09	Vertical	PK
5150	43.93	-7.53	36.4	54	-17.6	Horizontal	AV
5150	43.03	-7.53	35.5	54	-18.5	Vertical	AV

IEEE 802.11ac20							
Operation Frequency:5240MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	48.48	-7.06	41.42	74	-32.58	Horizontal	PK
5350	54.17	-7.06	47.11	74	-26.89	Vertical	PK
5350	39.75	-7.06	32.69	54	-21.31	Horizontal	AV
5350	43.72	-7.06	36.66	54	-17.34	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5180MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	54.17	-7.53	46.64	74	-27.36	Horizontal	PK
5150	52.47	-7.53	44.94	74	-29.06	Vertical	PK
5150	43.33	-7.53	35.8	54	-18.2	Horizontal	AV
5150	42.93	-7.53	35.4	54	-18.6	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5240MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	48.63	-7.06	41.57	74	-32.43	Horizontal	PK
5350	54.91	-7.06	47.85	74	-26.15	Vertical	PK
5350	40.17	-7.06	33.11	54	-20.89	Horizontal	AV
5350	43.57	-7.06	36.51	54	-17.49	Vertical	AV

IEEE 802.11n40							
Operation Frequency:5190MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	52.14	-7.53	44.61	74	-29.39	Horizontal	PK
5150	52.15	-7.53	44.62	74	-29.38	Vertical	PK
5150	42.33	-7.53	34.8	54	-19.2	Horizontal	AV
5150	41.83	-7.53	34.3	54	-19.7	Vertical	AV



IEEE 802.11n40							
Operation Frequency:5230MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	47.89	-7.06	40.83	74	-33.17	Horizontal	PK
5350	53.28	-7.06	46.22	74	-27.78	Vertical	PK
5350	38.77	-7.06	31.71	54	-22.29	Horizontal	AV
5350	43.76	-7.06	36.7	54	-17.3	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5190MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	54.86	-7.53	47.33	74	-26.67	Horizontal	PK
5150	54.96	-7.53	47.43	74	-26.57	Vertical	PK
5150	44.33	-7.53	36.8	54	-17.2	Horizontal	AV
5150	43.86	-7.53	36.33	54	-17.67	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5230MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	49.81	-7.06	42.75	74	-31.25	Horizontal	PK
5350	55.69	-7.06	48.63	74	-25.37	Vertical	PK
5350	40.88	-7.06	33.82	54	-20.18	Horizontal	AV
5350	44.96	-7.06	37.9	54	-16.1	Vertical	AV

IEEE 802.11ax40							
Operation Frequency:5190MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	53.15	-7.53	45.62	74	-28.38	Horizontal	PK
5150	52.4	-7.53	44.87	74	-29.13	Vertical	PK
5150	42.54	-7.53	35.01	54	-18.99	Horizontal	AV
5150	41.66	-7.53	34.13	54	-19.87	Vertical	AV

IEEE 802.11ax40							
Operation Frequency:5230MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	47.58	-7.06	40.52	74	-33.48	Horizontal	PK
5350	52.82	-7.06	45.76	74	-28.24	Vertical	PK
5350	38.9	-7.06	31.84	54	-22.16	Horizontal	AV
5350	43.65	-7.06	36.59	54	-17.41	Vertical	AV



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IEEE 802.11a							
Operation Frequency:5260MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	47.79	-7.53	40.26	74	-33.74	Horizontal	PK
5150	52.79	-7.53	45.26	74	-28.74	Vertical	PK
5150	38.21	-7.53	30.68	54	-23.32	Horizontal	AV
5150	42.9	-7.53	35.37	54	-18.63	Vertical	AV

IEEE 802.11a							
Operation Frequency:5320MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	50.8	-7.06	43.74	74	-30.26	Horizontal	PK
5350	50.66	-7.06	43.6	74	-30.4	Vertical	PK
5350	41.49	-7.06	34.43	54	-19.57	Horizontal	AV
5350	40.84	-7.06	33.78	54	-20.22	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5260MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	46.2	-7.53	38.67	74	-35.33	Horizontal	PK
5150	52.09	-7.53	44.56	74	-29.44	Vertical	PK
5150	38.07	-7.53	30.54	54	-23.46	Horizontal	AV
5150	41.97	-7.53	34.44	54	-19.56	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5320MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	53.66	-7.06	46.6	74	-27.4	Horizontal	PK
5350	52.54	-7.06	45.48	74	-28.52	Vertical	PK
5350	43.85	-7.06	36.79	54	-17.21	Horizontal	AV
5350	43.06	-7.06	36	54	-18	Vertical	AV



IEEE 802.11ac20							
Operation Frequency:5260MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	49.07	-7.53	41.54	74	-32.46	Horizontal	PK
5150	54.6	-7.53	47.07	74	-26.93	Vertical	PK
5150	39.45	-7.53	31.92	54	-22.08	Horizontal	AV
5150	44.23	-7.53	36.7	54	-17.3	Vertical	AV

IEEE 802.11ac20							
Operation Frequency:5320MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	53.99	-7.06	46.93	74	-27.07	Horizontal	PK
5350	53.05	-7.06	45.99	74	-28.01	Vertical	PK
5350	42.87	-7.06	35.81	54	-18.19	Horizontal	AV
5350	42.67	-7.06	35.61	54	-18.39	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5260MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	48.43	-7.53	40.9	74	-33.1	Horizontal	PK
5150	53.93	-7.53	46.4	74	-27.6	Vertical	PK
5150	39.35	-7.53	31.82	54	-22.18	Horizontal	AV
5150	44.67	-7.53	37.14	54	-16.86	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5320MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	54.64	-7.06	47.58	74	-26.42	Horizontal	PK
5350	54.29	-7.06	47.23	74	-26.77	Vertical	PK
5350	44.28	-7.06	37.22	54	-16.78	Horizontal	AV
5350	43.21	-7.06	36.15	54	-17.85	Vertical	AV



IEEE 802.11n40							
Operation Frequency:5270MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	48.5	-7.53	40.97	74	-33.03	Horizontal	PK
5150	53.22	-7.53	45.69	74	-28.31	Vertical	PK
5150	39.53	-7.53	32	54	-22	Horizontal	AV
5150	43.06	-7.53	35.53	54	-18.47	Vertical	AV

IEEE 802.11n40							
Operation Frequency:5310MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	55.17	-7.06	48.11	74	-25.89	Horizontal	PK
5350	55.54	-7.06	48.48	74	-25.52	Vertical	PK
5350	45.53	-7.06	38.47	54	-15.53	Horizontal	AV
5350	44.41	-7.06	37.35	54	-16.65	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5270MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	48.23	-7.53	40.7	74	-33.3	Horizontal	PK
5150	53.28	-7.53	45.75	74	-28.25	Vertical	PK
5150	38.44	-7.53	30.91	54	-23.09	Horizontal	AV
5150	43.73	-7.53	36.2	54	-17.8	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5310MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	52.02	-7.06	44.96	74	-29.04	Horizontal	PK
5350	51.62	-7.06	44.56	74	-29.44	Vertical	PK
5350	42.87	-7.06	35.81	54	-18.19	Horizontal	AV
5350	42.63	-7.06	35.57	54	-18.43	Vertical	AV



IEEE 802.11ax40							
Operation Frequency:5270MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5150	48.08	-7.53	40.55	74	-33.45	Horizontal	PK
5150	53.88	-7.53	46.35	74	-27.65	Vertical	PK
5150	38.97	-7.53	31.44	54	-22.56	Horizontal	AV
5150	42.83	-7.53	35.3	54	-18.7	Vertical	AV

IEEE 802.11ax40							
Operation Frequency:5310MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5350	53.18	-7.06	46.12	74	-27.88	Horizontal	PK
5350	52.23	-7.06	45.17	74	-28.83	Vertical	PK
5350	42.19	-7.06	35.13	54	-18.87	Horizontal	AV
5350	41.98	-7.06	34.92	54	-19.08	Vertical	AV



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IEEE 802.11a							
Operation Frequency:5500MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	50.61	-6.95	43.66	74	-30.34	Horizontal	PK
5470	50.21	-6.95	43.26	74	-30.74	Vertical	PK
5470	41.5	-6.95	34.55	54	-19.45	Horizontal	AV
5470	40.48	-6.95	33.53	54	-20.47	Vertical	AV

IEEE 802.11a							
Operation Frequency:5700MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	51.09	-6.54	44.55	74	-29.45	Horizontal	PK
5725	50.62	-6.54	44.08	74	-29.92	Vertical	PK
5725	42.47	-6.54	35.93	54	-18.07	Horizontal	AV
5725	41.46	-6.54	34.92	54	-19.08	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5500MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	50.91	-6.95	43.96	74	-30.04	Horizontal	PK
5470	51.38	-6.95	44.43	74	-29.57	Vertical	PK
5470	42.04	-6.95	35.09	54	-18.91	Horizontal	AV
5470	41.41	-6.95	34.46	54	-19.54	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5700MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	51.67	-6.54	45.13	74	-28.87	Horizontal	PK
5725	50.63	-6.54	44.09	74	-29.91	Vertical	PK
5725	42.13	-6.54	35.59	54	-18.41	Horizontal	AV
5725	41.34	-6.54	34.8	54	-19.2	Vertical	AV



IEEE 802.11ac20							
Operation Frequency:5500MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	52.12	-6.95	45.17	74	-28.83	Horizontal	PK
5470	51.06	-6.95	44.11	74	-29.89	Vertical	PK
5470	42.85	-6.95	35.9	54	-18.1	Horizontal	AV
5470	41.85	-6.95	34.9	54	-19.1	Vertical	AV

IEEE 802.11ac20							
Operation Frequency:5700MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	51.85	-6.54	45.31	74	-28.69	Horizontal	PK
5725	52.29	-6.54	45.75	74	-28.25	Vertical	PK
5725	43.36	-6.54	36.82	54	-17.18	Horizontal	AV
5725	42.34	-6.54	35.8	54	-18.2	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5500MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	51.52	-6.95	44.57	74	-29.43	Horizontal	PK
5470	51.15	-6.95	44.2	74	-29.8	Vertical	PK
5470	42.78	-6.95	35.83	54	-18.17	Horizontal	AV
5470	40.88	-6.95	33.93	54	-20.07	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5700MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	52.12	-6.54	45.58	74	-28.42	Horizontal	PK
5725	52.35	-6.54	45.81	74	-28.19	Vertical	PK
5725	44.2	-6.54	37.66	54	-16.34	Horizontal	AV
5725	41.9	-6.54	35.36	54	-18.64	Vertical	AV



IEEE 802.11n40							
Operation Frequency:5510MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	51.42	-6.95	44.47	74	-29.53	Horizontal	PK
5470	51.3	-6.95	44.35	74	-29.65	Vertical	PK
5470	42.95	-6.95	36	54	-18	Horizontal	AV
5470	42.42	-6.95	35.47	54	-18.53	Vertical	AV

IEEE 802.11n40							
Operation Frequency:5550MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	52.01	-6.54	45.47	74	-28.53	Horizontal	PK
5725	52.06	-6.54	45.52	74	-28.48	Vertical	PK
5725	43.48	-6.54	36.94	54	-17.06	Horizontal	AV
5725	42.12	-6.54	35.58	54	-18.42	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5510MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	52.03	-6.95	45.08	74	-28.92	Horizontal	PK
5470	52.32	-6.95	45.37	74	-28.63	Vertical	PK
5470	43.61	-6.95	36.66	54	-17.34	Horizontal	AV
5470	42.21	-6.95	35.26	54	-18.74	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5550MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	52.17	-6.54	45.63	74	-28.37	Horizontal	PK
5725	51.01	-6.54	44.47	74	-29.53	Vertical	PK
5725	43.97	-6.54	37.43	54	-16.57	Horizontal	AV
5725	42.33	-6.54	35.79	54	-18.21	Vertical	AV



IEEE 802.11ax40							
Operation Frequency:5510MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5470	52.07	-6.95	45.12	74	-28.88	Horizontal	PK
5470	51.68	-6.95	44.73	74	-29.27	Vertical	PK
5470	43.58	-6.95	36.63	54	-17.37	Horizontal	AV
5470	43.28	-6.95	36.33	54	-17.67	Vertical	AV

IEEE 802.11ax40							
Operation Frequency:5550MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5725	52.76	-6.54	46.22	74	-27.78	Horizontal	PK
5725	53.34	-6.54	46.8	74	-27.2	Vertical	PK
5725	44.25	-6.54	37.71	54	-16.29	Horizontal	AV
5725	43.3	-6.54	36.76	54	-17.24	Vertical	AV



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IEEE 802.11a							
Operation Frequency:5745MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	45.95	-6.34	39.61	68.2	-28.59	Horizontal	PK
5650	35.21	-6.34	28.87	54	-25.13	Horizontal	AV
5700	43.56	-6.22	37.34	105.2	-67.86	Horizontal	PK
5700	33.12	-6.22	26.9	54	-27.1	Horizontal	AV
5720	47.33	-6.17	41.16	110.8	-69.64	Horizontal	PK
5720	36.18	-6.17	30.01	54	-23.99	Horizontal	AV
5725	48.33	-6.16	42.17	122.2	-80.03	Horizontal	PK
5725	37.59	-6.16	31.43	54	-22.57	Horizontal	AV
5650	49.26	-6.34	42.92	68.2	-25.28	Vertical	PK
5650	37.97	-6.34	31.63	54	-22.37	Vertical	AV
5700	52.47	-6.22	46.25	105.2	-58.95	Vertical	PK
5700	42.07	-6.22	35.85	54	-18.15	Vertical	AV
5720	50.14	-6.17	43.97	110.8	-66.83	Vertical	PK
5720	42.29	-6.17	36.12	54	-17.88	Vertical	AV
5725	47.81	-6.16	41.65	122.2	-80.55	Vertical	PK
5725	37.79	-6.16	31.63	54	-22.37	Vertical	AV

IEEE 802.11a							
Operation Frequency:5825MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	55.01	-5.87	49.14	122.2	-73.06	Vertical	PK
5850	41.61	-5.87	35.74	54	-18.26	Vertical	AV
5855	52.46	-5.85	46.61	110.8	-64.19	Vertical	PK
5855	43.14	-5.85	37.29	54	-16.71	Vertical	AV
5875	46.76	-5.8	40.96	105.2	-64.24	Vertical	PK
5875	35.12	-5.8	29.32	54	-24.68	Vertical	AV
5925	45.97	-5.68	40.29	68.2	-27.91	Vertical	PK
5925	35.97	-5.68	30.29	54	-23.71	Vertical	AV
5850	44.28	-5.87	38.41	122.2	-83.79	Horizontal	PK
5850	32.74	-5.87	26.87	54	-27.13	Horizontal	AV
5855	42.16	-5.85	36.31	110.8	-74.49	Horizontal	PK
5855	33.11	-5.85	27.26	54	-26.74	Horizontal	AV
5875	47.02	-5.8	41.22	105.2	-63.98	Horizontal	PK
5875	36.58	-5.8	30.78	54	-23.22	Horizontal	AV
5925	54.78	-5.68	49.1	68.2	-19.1	Horizontal	PK
5925	39.55	-5.68	33.87	54	-20.13	Horizontal	AV



IEEE 802.11n20							
Operation Frequency:5745MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	47.31	-6.34	40.97	68.2	-27.23	Horizontal	PK
5650	35.55	-6.34	29.21	54	-24.79	Horizontal	AV
5700	44.7	-6.22	38.48	105.2	-66.72	Horizontal	PK
5700	34.45	-6.22	28.23	54	-25.77	Horizontal	AV
5720	48.11	-6.17	41.94	110.8	-68.86	Horizontal	PK
5720	37.16	-6.17	30.99	54	-23.01	Horizontal	AV
5725	49.75	-6.16	43.59	122.2	-78.61	Horizontal	PK
5725	38.8	-6.16	32.64	54	-21.36	Horizontal	AV
5650	49.29	-6.34	42.95	68.2	-25.25	Vertical	PK
5650	38.66	-6.34	32.32	54	-21.68	Vertical	AV
5700	53.64	-6.22	47.42	105.2	-57.78	Vertical	PK
5700	42.31	-6.22	36.09	54	-17.91	Vertical	AV
5720	50.15	-6.17	43.98	110.8	-66.82	Vertical	PK
5720	43.01	-6.17	36.84	54	-17.16	Vertical	AV
5725	47.75	-6.16	41.59	122.2	-80.61	Vertical	PK
5725	39.08	-6.16	32.92	54	-21.08	Vertical	AV

IEEE 802.11n20							
Operation Frequency:5825MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	55.88	-5.87	50.01	122.2	-72.19	Vertical	PK
5850	42.06	-5.87	36.19	54	-17.81	Vertical	AV
5855	52.43	-5.85	46.58	110.8	-64.22	Vertical	PK
5855	43.52	-5.85	37.67	54	-16.33	Vertical	AV
5875	48.13	-5.8	42.33	105.2	-62.87	Vertical	PK
5875	36.33	-5.8	30.53	54	-23.47	Vertical	AV
5925	47.06	-5.68	41.38	68.2	-26.82	Vertical	PK
5925	36.61	-5.68	30.93	54	-23.07	Vertical	AV
5850	45.08	-5.87	39.21	122.2	-82.99	Horizontal	PK
5850	33.31	-5.87	27.44	54	-26.56	Horizontal	AV
5855	43.19	-5.85	37.34	110.8	-73.46	Horizontal	PK
5855	34.74	-5.85	28.89	54	-25.11	Horizontal	AV
5875	47.81	-5.8	42.01	105.2	-63.19	Horizontal	PK
5875	36.51	-5.8	30.71	54	-23.29	Horizontal	AV
5925	56.23	-5.68	50.55	68.2	-17.65	Horizontal	PK
5925	40.3	-5.68	34.62	54	-19.38	Horizontal	AV



IEEE 802.11ac20							
Operation Frequency:5745MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	44.38	-6.34	38.04	68.2	-30.16	Horizontal	PK
5650	32.8	-6.34	26.46	54	-27.54	Horizontal	AV
5700	41.45	-6.22	35.23	105.2	-69.97	Horizontal	PK
5700	31.29	-6.22	25.07	54	-28.93	Horizontal	AV
5720	44.89	-6.17	38.72	110.8	-72.08	Horizontal	PK
5720	34.14	-6.17	27.97	54	-26.03	Horizontal	AV
5725	45.73	-6.16	39.57	122.2	-82.63	Horizontal	PK
5725	35.22	-6.16	29.06	54	-24.94	Horizontal	AV
5650	46.09	-6.34	39.75	68.2	-28.45	Vertical	PK
5650	35.79	-6.34	29.45	54	-24.55	Vertical	AV
5700	50.12	-6.22	43.9	105.2	-61.3	Vertical	PK
5700	39.27	-6.22	33.05	54	-20.95	Vertical	AV
5720	47.41	-6.17	41.24	110.8	-69.56	Vertical	PK
5720	40.63	-6.17	34.46	54	-19.54	Vertical	AV
5725	45.1	-6.16	38.94	122.2	-83.26	Vertical	PK
5725	35.91	-6.16	29.75	54	-24.25	Vertical	AV

IEEE 802.11ac20							
Operation Frequency:5825MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	52.37	-5.87	46.5	122.2	-75.7	Vertical	PK
5850	39.26	-5.87	33.39	54	-20.61	Vertical	AV
5855	48.76	-5.85	42.91	110.8	-67.89	Vertical	PK
5855	40.23	-5.85	34.38	54	-19.62	Vertical	AV
5875	44.91	-5.8	39.11	105.2	-66.09	Vertical	PK
5875	33.23	-5.8	27.43	54	-26.57	Vertical	AV
5925	44.4	-5.68	38.72	68.2	-29.48	Vertical	PK
5925	34.26	-5.68	28.58	54	-25.42	Vertical	AV
5850	42.2	-5.87	36.33	122.2	-85.87	Horizontal	PK
5850	31.76	-5.87	25.89	54	-28.11	Horizontal	AV
5855	40.45	-5.85	34.6	110.8	-76.2	Horizontal	PK
5855	32.39	-5.85	26.54	54	-27.46	Horizontal	AV
5875	44.82	-5.8	39.02	105.2	-66.18	Horizontal	PK
5875	34.34	-5.8	28.54	54	-25.46	Horizontal	AV
5925	52.68	-5.68	47	68.2	-21.2	Horizontal	PK
5925	37.04	-5.68	31.36	54	-22.64	Horizontal	AV



IEEE 802.11ax20							
Operation Frequency:5745MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	44.55	-6.34	38.21	68.2	-29.99	Horizontal	PK
5650	32.71	-6.34	26.37	54	-27.63	Horizontal	AV
5700	41.39	-6.22	35.17	105.2	-70.03	Horizontal	PK
5700	31.5	-6.22	25.28	54	-28.72	Horizontal	AV
5720	45	-6.17	38.83	110.8	-71.97	Horizontal	PK
5720	34.38	-6.17	28.21	54	-25.79	Horizontal	AV
5725	45.89	-6.16	39.73	122.2	-82.47	Horizontal	PK
5725	35.21	-6.16	29.05	54	-24.95	Horizontal	AV
5650	46.86	-6.34	40.52	68.2	-27.68	Vertical	PK
5650	35.75	-6.34	29.41	54	-24.59	Vertical	AV
5700	50.61	-6.22	44.39	105.2	-60.81	Vertical	PK
5700	39.68	-6.22	33.46	54	-20.54	Vertical	AV
5720	47.01	-6.17	40.84	110.8	-69.96	Vertical	PK
5720	40.11	-6.17	33.94	54	-20.06	Vertical	AV
5725	45.15	-6.16	38.99	122.2	-83.21	Vertical	PK
5725	36.17	-6.16	30.01	54	-23.99	Vertical	AV

IEEE 802.11ax20							
Operation Frequency:5825MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	52.71	-5.87	46.84	122.2	-75.36	Vertical	PK
5850	39.44	-5.87	33.57	54	-20.43	Vertical	AV
5855	48.99	-5.85	43.14	110.8	-67.66	Vertical	PK
5855	40.7	-5.85	34.85	54	-19.15	Vertical	AV
5875	44.12	-5.8	38.32	105.2	-66.88	Vertical	PK
5875	33.43	-5.8	27.63	54	-26.37	Vertical	AV
5925	43.84	-5.68	38.16	68.2	-30.04	Vertical	PK
5925	34.84	-5.68	29.16	54	-24.84	Vertical	AV
5850	42.2	-5.87	36.33	122.2	-85.87	Horizontal	PK
5850	30.96	-5.87	25.09	54	-28.91	Horizontal	AV
5855	40.68	-5.85	34.83	110.8	-75.97	Horizontal	PK
5855	32.32	-5.85	26.47	54	-27.53	Horizontal	AV
5875	44.36	-5.8	38.56	105.2	-66.64	Horizontal	PK
5875	34.25	-5.8	28.45	54	-25.55	Horizontal	AV
5925	52.02	-5.68	46.34	68.2	-21.86	Horizontal	PK
5925	37.63	-5.68	31.95	54	-22.05	Horizontal	AV



IEEE 802.11n40							
Operation Frequency:5755MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	46.44	-6.34	40.1	68.2	-28.1	Horizontal	PK
5650	35.51	-6.34	29.17	54	-24.83	Horizontal	AV
5700	44.42	-6.22	38.2	105.2	-67	Horizontal	PK
5700	33.23	-6.22	27.01	54	-26.99	Horizontal	AV
5720	47.45	-6.17	41.28	110.8	-69.52	Horizontal	PK
5720	36.47	-6.17	30.3	54	-23.7	Horizontal	AV
5725	48.86	-6.16	42.7	122.2	-79.5	Horizontal	PK
5725	37.75	-6.16	31.59	54	-22.41	Horizontal	AV
5650	49.3	-6.34	42.96	68.2	-25.24	Vertical	PK
5650	38.23	-6.34	31.89	54	-22.11	Vertical	AV
5700	52.8	-6.22	46.58	105.2	-58.62	Vertical	PK
5700	41.7	-6.22	35.48	54	-18.52	Vertical	AV
5720	50.26	-6.17	44.09	110.8	-66.71	Vertical	PK
5720	43.72	-6.17	37.55	54	-16.45	Vertical	AV
5725	48.41	-6.16	42.25	122.2	-79.95	Vertical	PK
5725	38.46	-6.16	32.3	54	-21.7	Vertical	AV

IEEE 802.11n40							
Operation Frequency:5795MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	56.11	-5.87	50.24	122.2	-71.96	Vertical	PK
5850	41.76	-5.87	35.89	54	-18.11	Vertical	AV
5855	52.33	-5.85	46.48	110.8	-64.32	Vertical	PK
5855	43.25	-5.85	37.4	54	-16.6	Vertical	AV
5875	46.74	-5.8	40.94	105.2	-64.26	Vertical	PK
5875	35.56	-5.8	29.76	54	-24.24	Vertical	AV
5925	47.11	-5.68	41.43	68.2	-26.77	Vertical	PK
5925	36.94	-5.68	31.26	54	-22.74	Vertical	AV
5850	44.86	-5.87	38.99	122.2	-83.21	Horizontal	PK
5850	33.01	-5.87	27.14	54	-26.86	Horizontal	AV
5855	42.49	-5.85	36.64	110.8	-74.16	Horizontal	PK
5855	34.38	-5.85	28.53	54	-25.47	Horizontal	AV
5875	47.88	-5.8	42.08	105.2	-63.12	Horizontal	PK
5875	36.46	-5.8	30.66	54	-23.34	Horizontal	AV
5925	55.75	-5.68	50.07	68.2	-18.13	Horizontal	PK
5925	40.35	-5.68	34.67	54	-19.33	Horizontal	AV



IEEE 802.11ac40							
Operation Frequency:5755MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	48.77	-6.34	42.43	68.2	-25.77	Horizontal	PK
5650	36.32	-6.34	29.98	54	-24.02	Horizontal	AV
5700	46.81	-6.22	40.59	105.2	-64.61	Horizontal	PK
5700	35.58	-6.22	29.36	54	-24.64	Horizontal	AV
5720	49.71	-6.17	43.54	110.8	-67.26	Horizontal	PK
5720	38.85	-6.17	32.68	54	-21.32	Horizontal	AV
5725	50.93	-6.16	44.77	122.2	-77.43	Horizontal	PK
5725	39.5	-6.16	33.34	54	-20.66	Horizontal	AV
5650	51.52	-6.34	45.18	68.2	-23.02	Vertical	PK
5650	39.23	-6.34	32.89	54	-21.11	Vertical	AV
5700	55.99	-6.22	49.77	105.2	-55.43	Vertical	PK
5700	44.59	-6.22	38.37	54	-15.63	Vertical	AV
5720	52.54	-6.17	46.37	110.8	-64.43	Vertical	PK
5720	45.44	-6.17	39.27	54	-14.73	Vertical	AV
5725	49.93	-6.16	43.77	122.2	-78.43	Vertical	PK
5725	40.4	-6.16	34.24	54	-19.76	Vertical	AV

IEEE 802.11ac40							
Operation Frequency:5795MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	58.05	-5.87	52.18	122.2	-70.02	Vertical	PK
5850	44.58	-5.87	38.71	54	-15.29	Vertical	AV
5855	55.03	-5.85	49.18	110.8	-61.62	Vertical	PK
5855	45.71	-5.85	39.86	54	-14.14	Vertical	AV
5875	49.85	-5.8	44.05	105.2	-61.15	Vertical	PK
5875	37.92	-5.8	32.12	54	-21.88	Vertical	AV
5925	48.62	-5.68	42.94	68.2	-25.26	Vertical	PK
5925	38.14	-5.68	32.46	54	-21.54	Vertical	AV
5850	46.49	-5.87	40.62	122.2	-81.58	Horizontal	PK
5850	34.54	-5.87	28.67	54	-25.33	Horizontal	AV
5855	44.62	-5.85	38.77	110.8	-72.03	Horizontal	PK
5855	35.52	-5.85	29.67	54	-24.33	Horizontal	AV
5875	49.54	-5.8	43.74	105.2	-61.46	Horizontal	PK
5875	37.84	-5.8	32.04	54	-21.96	Horizontal	AV
5925	58.33	-5.68	52.65	68.2	-15.55	Horizontal	PK
5925	41.52	-5.68	35.84	54	-18.16	Horizontal	AV



IEEE 802.11ax40							
Operation Frequency:5755MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5650	48.53	-6.34	42.19	68.2	-26.01	Horizontal	PK
5650	36.96	-6.34	30.62	54	-23.38	Horizontal	AV
5700	47.04	-6.22	40.82	105.2	-64.38	Horizontal	PK
5700	35.4	-6.22	29.18	54	-24.82	Horizontal	AV
5720	49.81	-6.17	43.64	110.8	-67.16	Horizontal	PK
5720	38.39	-6.17	32.22	54	-21.78	Horizontal	AV
5725	51.49	-6.16	45.33	122.2	-76.87	Horizontal	PK
5725	39.17	-6.16	33.01	54	-20.99	Horizontal	AV
5650	51.75	-6.34	45.41	68.2	-22.79	Vertical	PK
5650	40.3	-6.34	33.96	54	-20.04	Vertical	AV
5700	55.48	-6.22	49.26	105.2	-55.94	Vertical	PK
5700	43.73	-6.22	37.51	54	-16.49	Vertical	AV
5720	52.62	-6.17	46.45	110.8	-64.35	Vertical	PK
5720	45.63	-6.17	39.46	54	-14.54	Vertical	AV
5725	49.89	-6.16	43.73	122.2	-78.47	Vertical	PK
5725	40.5	-6.16	34.34	54	-19.66	Vertical	AV

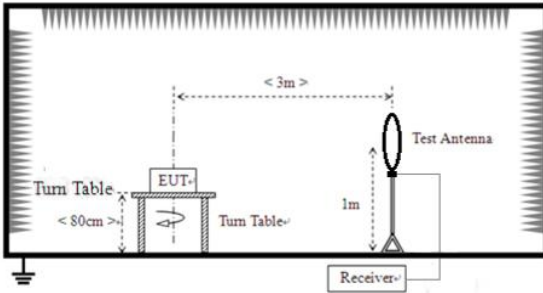
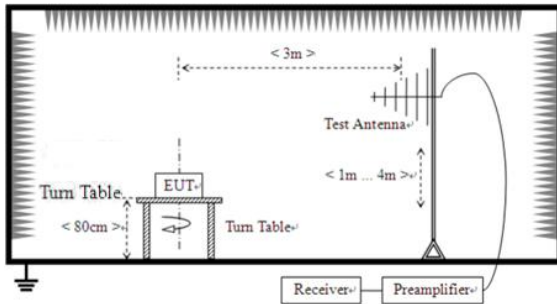
IEEE 802.11ax40							
Operation Frequency:5795MHz							
Frequency (MHz)	Read Level (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization	Detect or Type
5850	57.94	-5.87	52.07	122.2	-70.13	Vertical	PK
5850	44.57	-5.87	38.7	54	-15.3	Vertical	AV
5855	54.79	-5.85	48.94	110.8	-61.86	Vertical	PK
5855	44.88	-5.85	39.03	54	-14.97	Vertical	AV
5875	49.81	-5.8	44.01	105.2	-61.19	Vertical	PK
5875	37.21	-5.8	31.41	54	-22.59	Vertical	AV
5925	48.33	-5.68	42.65	68.2	-25.55	Vertical	PK
5925	38.67	-5.68	32.99	54	-21.01	Vertical	AV
5850	46.51	-5.87	40.64	122.2	-81.56	Horizontal	PK
5850	34.62	-5.87	28.75	54	-25.25	Horizontal	AV
5855	45.34	-5.85	39.49	110.8	-71.31	Horizontal	PK
5855	36.02	-5.85	30.17	54	-23.83	Horizontal	AV
5875	50.13	-5.8	44.33	105.2	-60.87	Horizontal	PK
5875	38.15	-5.8	32.35	54	-21.65	Horizontal	AV
5925	58.71	-5.68	53.03	68.2	-15.17	Horizontal	PK
5925	42.22	-5.68	36.54	54	-17.46	Horizontal	AV

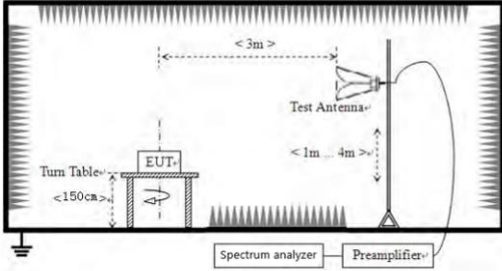
Remark:

Factor =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor

4.8 Spurious Emission

4.8.1 Radiated Emission Method

Test Requirement:	47CFR Part 15.209, Part 15E Section 15.407(b)(4)				
Test Method:	ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024§6.4&6.5&6.6				
Test Frequency Range:	9kHz to 40GHz				
Test site:	Measurement Distance: 3m				
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	360KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		AV	1MHz	3MHz	Average Value
Limit:	Frequency		Limit (uV/m)	Value	Measurement Distance
	0.009MHz-0.490MHz		2400/F(KHz)	QP	300m
	0.490MHz-1.705MHz		24000/F(KHz)	QP	300m
	1.705MHz-30MHz		30	QP	30m
	30MHz-88MHz		100	QP	3m
	88MHz-216MHz		150	QP	
	216MHz-960MHz		200	QP	
	960MHz-1GHz		500	QP	
	Frequency		Limit (dBm/MHz)	Remark	
	Above 1GHz		-27.0	Peak Value	
Test setup:	For radiated emissions from 9kHz to 30MHz				
					
Test setup:	For radiated emissions from 30MHz to1GHz				
					

	For radiated emissions above 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 rota 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. The radiation measurements are performed in X, Y, Z axis positioning. And found the X axis positioning which it is worse case, only the test worst case mode is recorded in the report.
Test Instruments:	Refer to section 3.0 for details
Test mode:	Refer to section 2.2 for details
Test results:	Pass

Remarks:

1. The report only shows the worst mode.
2. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.
3. All models and modes have been tested, and the report only displays the worst mode data

Measurement Data:

9 kHz ~ 30 MHz

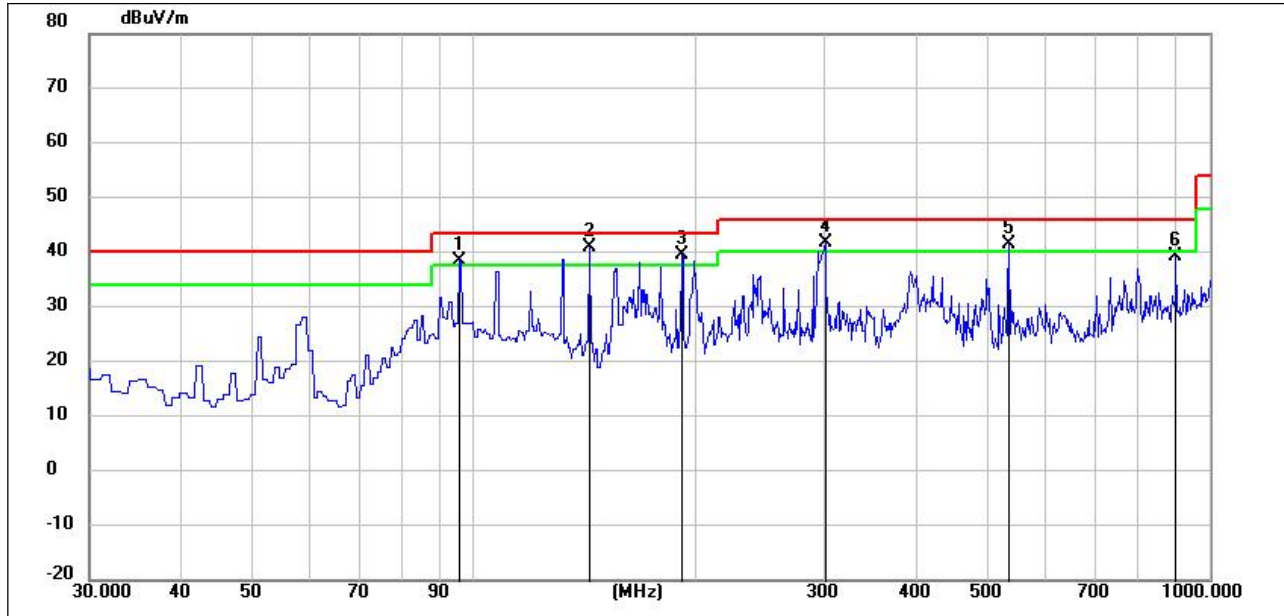
The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and according to 15.31(o) & RSS-Gen 6.13, the test result no need to reported.

Below 1GHz

5.2G WIFI

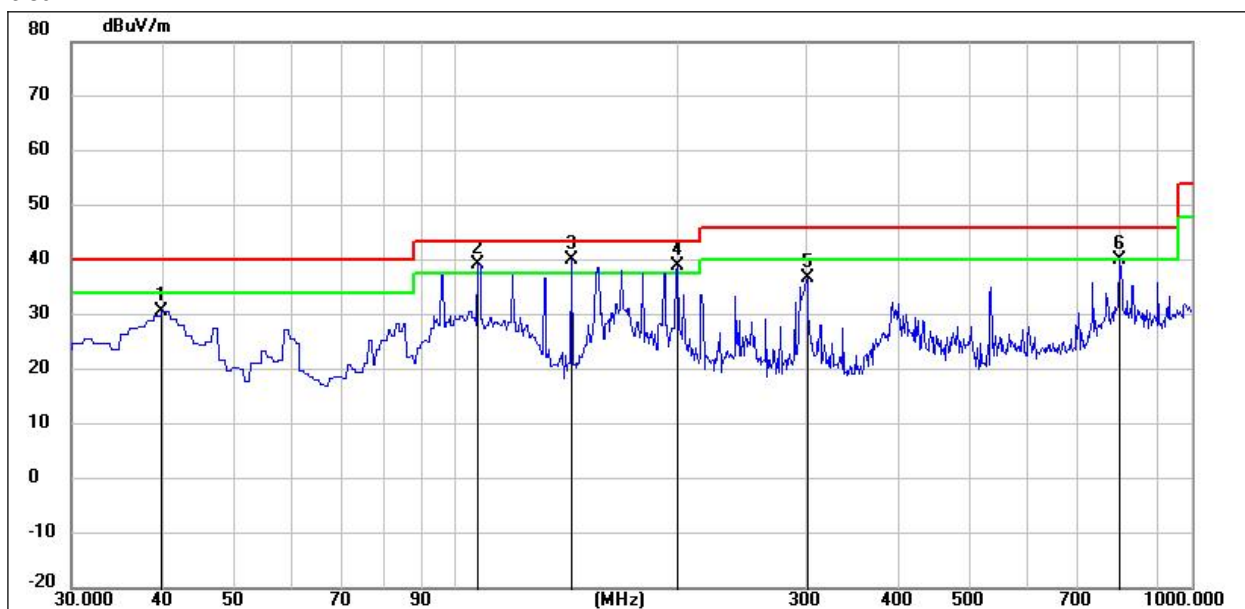
Temperature:	23.5°C	Relative Humidity:	62%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	TX- 802.11n20 (5200MHz)		

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	95.4270	59.14	-20.73	38.41	43.50	-5.09	peak	Pass
2 *	143.3261	59.11	-18.23	40.88	43.50	-2.62	peak	Pass
3	191.7450	60.55	-21.03	39.52	43.50	-3.98	peak	Pass
4	299.6600	56.71	-14.82	41.89	46.00	-4.11	peak	Pass
5	532.4600	48.84	-7.31	41.53	46.00	-4.47	peak	Pass
6	900.0900	39.63	-0.45	39.18	46.00	-6.82	peak	Pass

Vertical:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	39.8542	48.59	-17.96	30.63	40.00	-9.37	peak	Pass
2	107.1337	58.61	-19.38	39.23	43.50	-4.27	peak	Pass
3 *	143.3261	58.27	-18.23	40.04	43.50	-3.46	peak	Pass
4	199.7500	60.12	-21.11	39.01	43.50	-4.49	peak	Pass
5	299.6600	51.72	-14.82	36.90	46.00	-9.10	peak	Pass
6	797.2700	42.06	-2.03	40.03	46.00	-5.97	peak	Pass

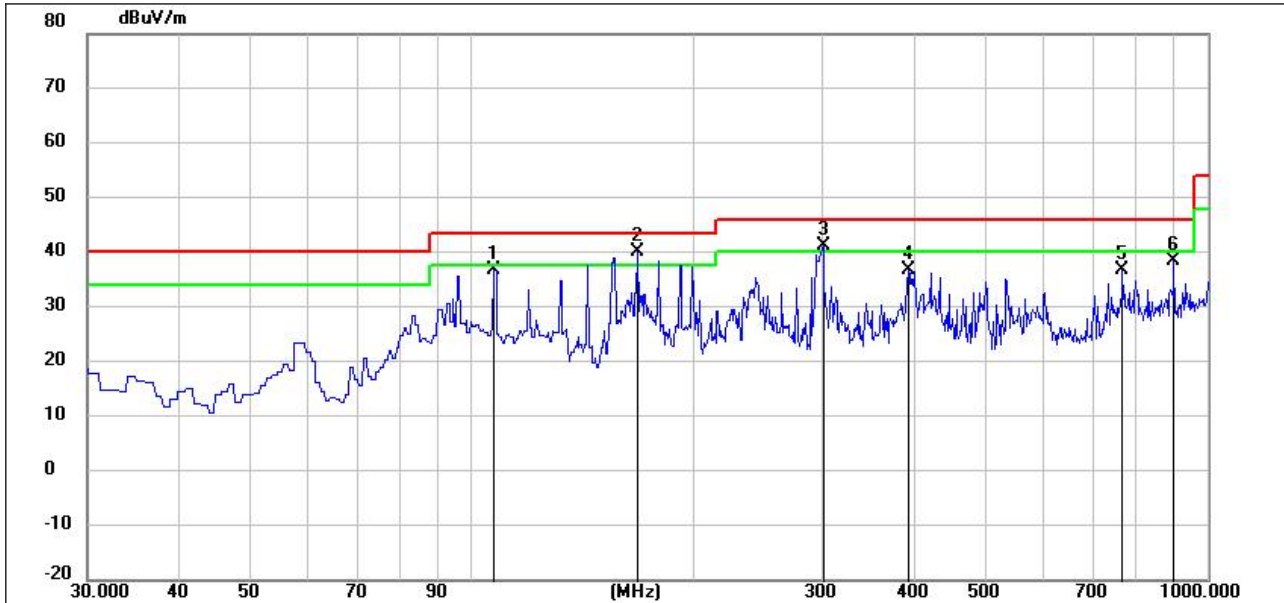
Remarks:

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 test data shows only the worst case 802.11n20 mode

5.3G WIFI

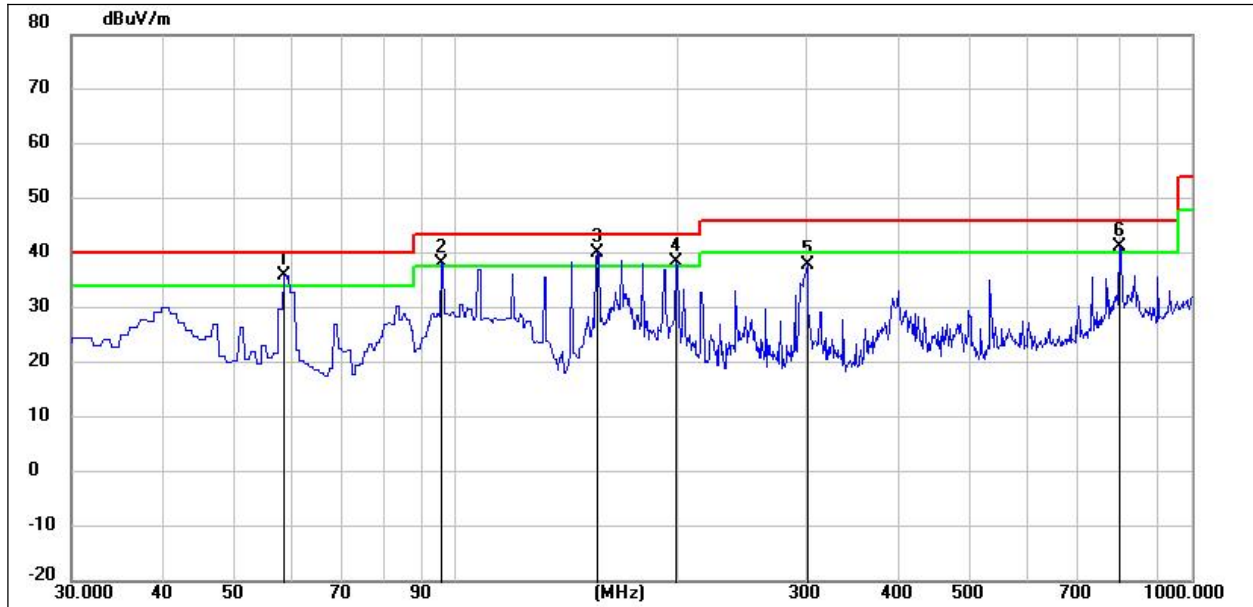
Temperature:	23.5°C	Relative Humidity:	62%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	TX- 802.11n20 (5260MHz)		

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	107.1337	56.18	-19.38	36.80	43.50	-6.70	peak	Pass
2 *	167.7400	59.66	-19.58	40.08	43.50	-3.42	peak	Pass
3	299.6600	55.94	-14.82	41.12	46.00	-4.88	peak	Pass
4	390.8400	48.23	-11.54	36.69	46.00	-9.31	peak	Pass
5	765.2600	38.92	-2.25	36.67	46.00	-9.33	peak	Pass
6	900.0900	38.79	-0.45	38.34	46.00	-7.66	peak	Pass

Vertical:



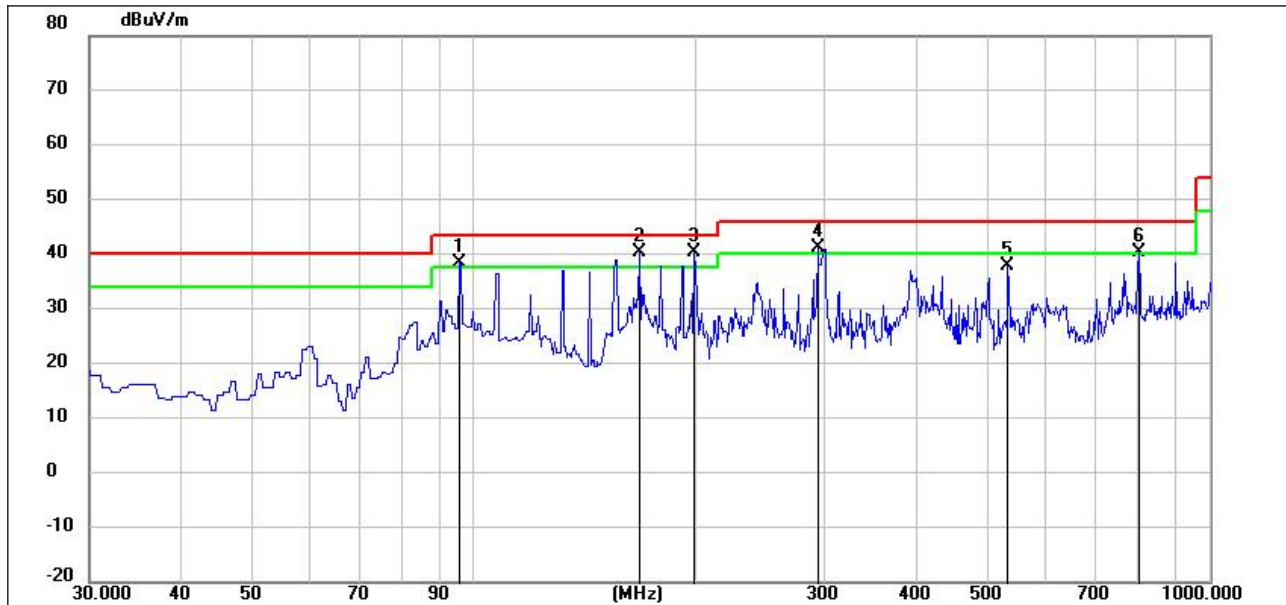
No	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	58.4074	61.49	-25.63	35.86	40.00	-4.14	peak	Pass
2	95.4270	58.98	-20.73	38.25	43.50	-5.25	peak	Pass
3 *	155.9101	58.89	-18.66	40.23	43.50	-3.27	peak	Pass
4	198.5880	59.70	-21.12	38.58	43.50	-4.92	peak	Pass
5	299.6600	52.80	-14.82	37.98	46.00	-8.02	peak	Pass
6	798.2400	43.29	-2.03	41.26	46.00	-4.74	peak	Pass



5.6G WIFI

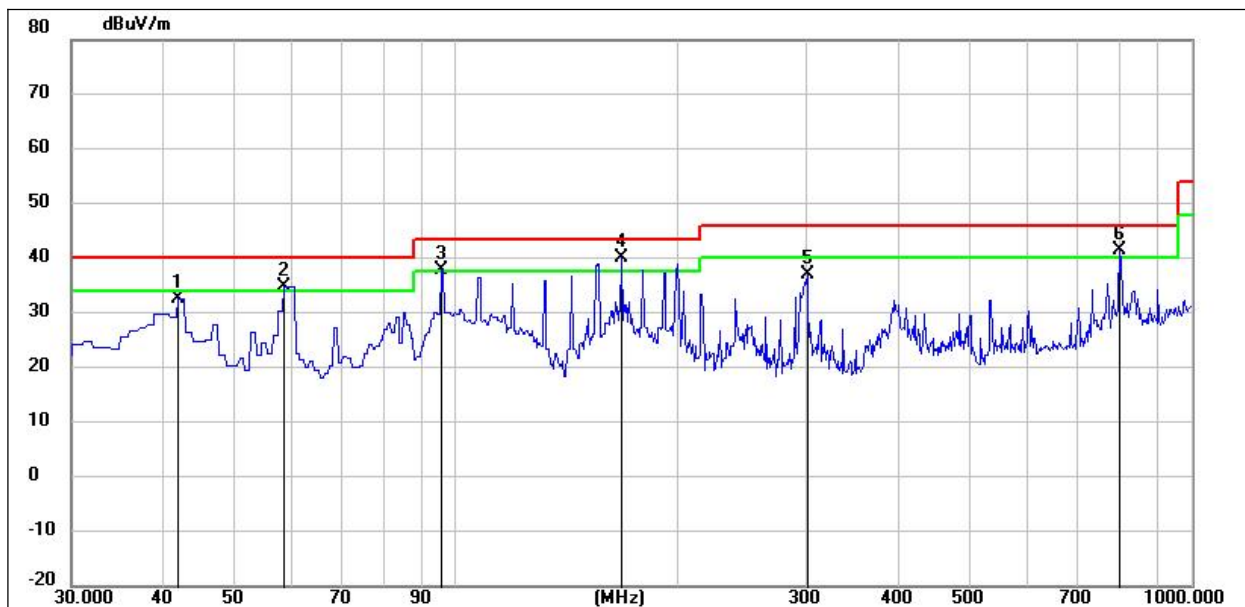
Temperature:	23.5°C	Relative Humidity:	62%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	TX- 802.11n20 (5700MHz)		

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	95.4270	59.24	-20.73	38.51	43.50	-4.99	peak	Pass
2	167.7400	59.87	-19.58	40.29	43.50	-3.21	peak	Pass
3 *	198.5880	61.55	-21.12	40.43	43.50	-3.07	peak	Pass
4	292.8700	56.22	-15.06	41.16	46.00	-4.84	peak	Pass
5	531.4900	45.17	-7.37	37.80	46.00	-8.20	peak	Pass
6	800.1800	42.45	-2.05	40.40	46.00	-5.60	peak	Pass

Vertical:



No	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	41.8596	51.63	-19.05	32.58	40.00	-7.42	peak	Pass
2	58.4074	60.54	-25.63	34.91	40.00	-5.09	peak	Pass
3	95.4270	58.61	-20.73	37.88	43.50	-5.62	peak	Pass
4 *	167.7400	59.65	-19.58	40.07	43.50	-3.43	peak	Pass
5	299.6600	51.92	-14.82	37.10	46.00	-8.90	peak	Pass
6	797.2700	43.59	-2.03	41.56	46.00	-4.44	peak	Pass



5.8G WIFI

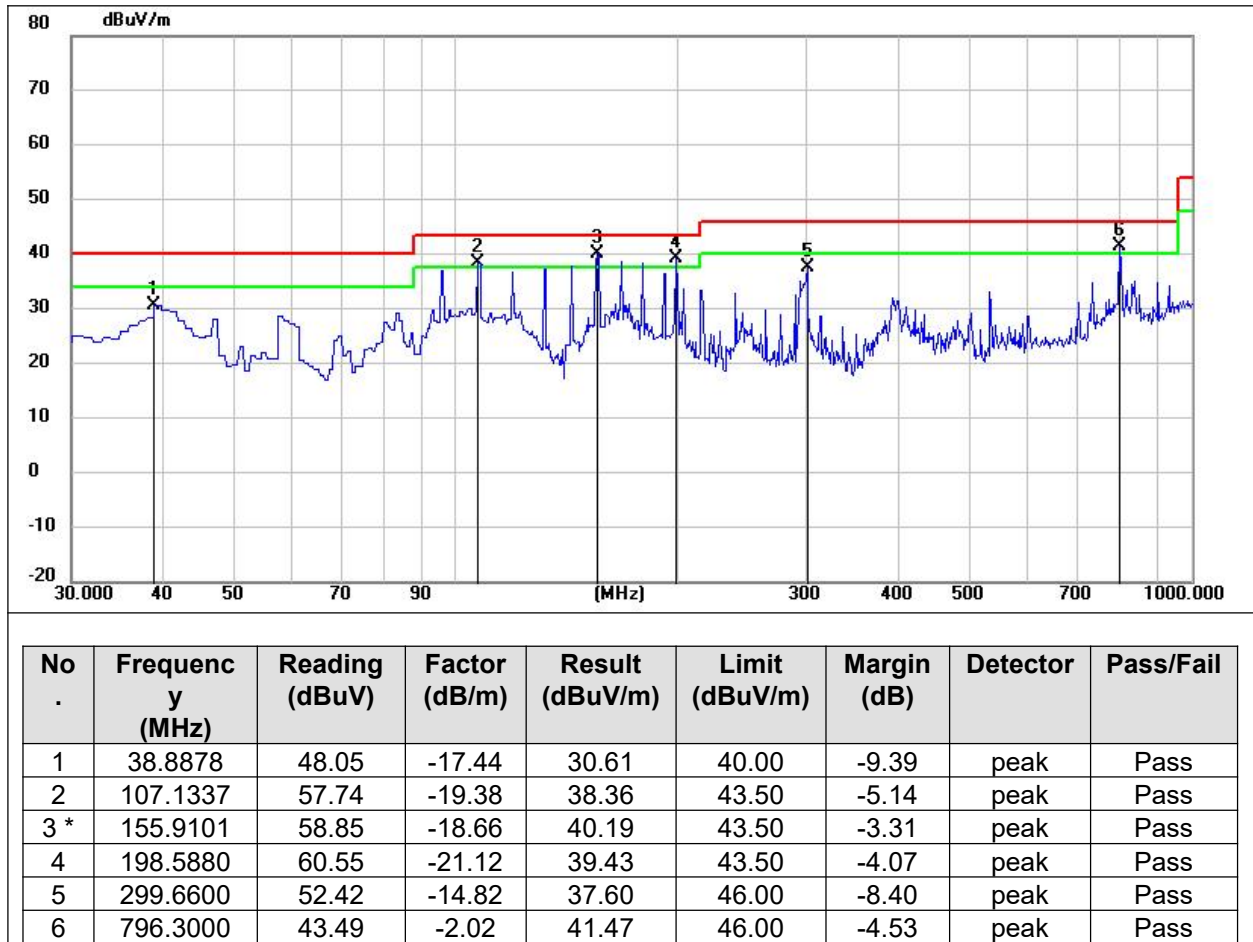
Temperature:	23.5°C	Relative Humidity:	62%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	TX- 802.11n20 (5745MHz)		

Horizontal:



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	95.4270	58.33	-20.73	37.60	43.50	-5.90	peak	Pass
2	143.3261	57.90	-18.23	39.67	43.50	-3.83	peak	Pass
3	299.6600	54.97	-14.82	40.15	46.00	-5.85	peak	Pass
4	398.6000	50.18	-11.20	38.98	46.00	-7.02	peak	Pass
5	533.4300	48.59	-7.25	41.34	46.00	-4.66	peak	Pass
6 *	800.1800	44.23	-2.05	42.18	46.00	-3.82	peak	Pass

Vertical:



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 test data shows only the worst case 802.11n20 mode

**Above 1GHz:**

Temperature:	21.7°C	Relative Humidity:	63%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	5.2G TX- 802.11n20		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5180MHz							
V	10360	44.33	1.77	46.1	68.2	-22.1	PK
V	10360	38.98	1.77	40.75	54	-13.25	AV
V	15540	44.6	7.72	52.32	74	-21.68	PK
V	15540	33.5	7.72	41.22	54	-12.78	AV
V	20720	54.34	-5.73	48.61	68.2	-19.59	PK
V	20720	48.59	-5.73	42.86	54	-11.14	AV
V	25900	52.54	-2.89	49.65	68.2	-18.55	PK
V	25900	47.96	-2.89	45.07	54	-8.93	AV
V	31080	47.72	1.66	49.38	68.2	-18.82	PK
V	31080	42.81	1.66	44.47	54	-9.53	AV
V	36260	45.81	4.63	50.44	68.2	-17.76	PK
V	36260	40.88	4.63	45.51	54	-8.49	AV
H	10360	45.09	1.77	46.86	68.2	-21.34	PK
H	10360	39.39	1.77	41.16	54	-12.84	AV
H	15540	43.96	7.72	51.68	74	-22.32	PK
H	15540	33.54	7.72	41.26	54	-12.74	AV
H	20720	55.37	-5.73	49.64	68.2	-18.56	PK
H	20720	50.78	-5.73	45.05	54	-8.95	AV
H	25900	52.84	-2.89	49.95	68.2	-18.25	PK
H	25900	47.95	-2.89	45.06	54	-8.94	AV
H	31080	45.92	1.66	47.58	68.2	-20.62	PK
H	31080	41.82	1.66	43.48	54	-10.52	AV
H	36260	46.26	4.63	50.89	68.2	-17.31	PK
H	36260	40.46	4.63	45.09	54	-8.91	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Middle Channel:5200Hz							
V	10400	45.18	1.85	47.03	68.2	-21.17	PK
V	10400	40.32	1.85	42.17	54	-11.83	AV
V	15600	44.06	7.64	51.7	74	-22.3	PK
V	15600	34.28	7.64	41.92	54	-12.08	AV
V	20800	53.04	-5.67	47.37	68.2	-20.83	PK
V	20800	48.43	-5.67	42.76	54	-11.24	AV
V	26000	53.03	-2.85	50.18	68.2	-18.02	PK
V	26000	48.42	-2.85	45.57	54	-8.43	AV
V	31200	47.99	1.57	49.56	68.2	-18.64	PK
V	31200	43.08	1.57	44.65	54	-9.35	AV
V	36400	43.93	4.93	48.86	68.2	-19.34	PK
V	36400	38.51	4.93	43.44	54	-10.56	AV
H	10400	43.94	1.85	45.79	68.2	-22.41	PK
H	10400	39.82	1.85	41.67	54	-12.33	AV
H	15600	44.8	7.64	52.44	74	-21.56	PK
H	15600	33.83	7.64	41.47	54	-12.53	AV
H	20800	55.51	-5.67	49.84	68.2	-18.36	PK
H	20800	50.14	-5.67	44.47	54	-9.53	AV
H	26000	52.16	-2.85	49.31	68.2	-18.89	PK
H	26000	47.49	-2.85	44.64	54	-9.36	AV
H	31200	47.39	1.57	48.96	68.2	-19.24	PK
H	31200	42.7	1.57	44.27	54	-9.73	AV
H	36400	45.27	4.93	50.2	68.2	-18	PK
H	36400	40.37	4.93	45.3	54	-8.7	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
High Channel:5240MHz							
V	10480	43.63	2.02	45.65	68.2	-22.55	PK
V	10480	39.06	2.02	41.08	54	-12.92	AV
V	15720	45.44	7.46	52.9	74	-21.1	PK
V	15720	34.64	7.46	42.1	54	-11.9	AV
V	20960	51.77	-5.56	46.21	68.2	-21.99	PK
V	20960	46.93	-5.56	41.37	54	-12.63	AV
V	26200	51.92	-2.5	49.42	68.2	-18.78	PK
V	26200	45.89	-2.5	43.39	54	-10.61	AV
V	31440	47.11	1.39	48.5	68.2	-19.7	PK
V	31440	41.88	1.39	43.27	54	-10.73	AV
V	36680	44.46	5.25	49.71	68.2	-18.49	PK
V	36680	39.62	5.25	44.87	54	-9.13	AV
H	10480	44.58	2.02	46.6	68.2	-21.6	PK
H	10480	40.3	2.02	42.32	54	-11.68	AV
H	15720	43.82	7.46	51.28	74	-22.72	PK
H	15720	34.18	7.46	41.64	54	-12.36	AV
H	20960	54.36	-5.56	48.8	68.2	-19.4	PK
H	20960	49.45	-5.56	43.89	54	-10.11	AV
H	26200	52.21	-2.5	49.71	68.2	-18.49	PK
H	26200	46.91	-2.5	44.41	54	-9.59	AV
H	31440	47.26	1.39	48.65	68.2	-19.55	PK
H	31440	42.49	1.39	43.88	54	-10.12	AV
H	36680	44.74	5.15	49.89	68.2	-18.31	PK
H	36680	39.64	5.15	44.79	54	-9.21	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Temperature:	21.7℃	Relative Humidity:	63%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	5.3G TX- 802.11n20		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5180MHz							
V	10520	43.59	2.11	45.7	68.2	-22.5	PK
V	10520	39.49	2.11	41.6	54	-12.4	AV
V	15780	44.65	7.55	52.2	74	-21.8	PK
V	15780	34.48	7.55	42.03	54	-11.97	AV
V	21040	53.69	-5.47	48.22	68.2	-19.98	PK
V	21040	47.89	-5.47	42.42	54	-11.58	AV
V	26300	52.15	-2.42	49.73	68.2	-18.47	PK
V	26300	47.39	-2.42	44.97	54	-9.03	AV
V	31560	47.3	1.46	48.76	68.2	-19.44	PK
V	31560	43.25	1.46	44.71	54	-9.29	AV
V	36820	45.27	5.28	50.55	68.2	-17.65	PK
V	36820	41.67	5.28	46.95	54	-7.05	AV
H	10520	44.83	2.11	46.94	68.2	-21.26	PK
H	10520	39.58	2.11	41.69	54	-12.31	AV
H	15780	44.66	7.55	52.21	74	-21.79	PK
H	15780	33.54	7.55	41.09	54	-12.91	AV
H	21040	55.94	-5.47	50.47	68.2	-17.73	PK
H	21040	50.06	-5.47	44.59	54	-9.41	AV
H	26300	52.33	-2.42	49.91	68.2	-18.29	PK
H	26300	46.97	-2.42	44.55	54	-9.45	AV
H	31560	46.06	1.46	47.52	68.2	-20.68	PK
H	31560	42.4	1.46	43.86	54	-10.14	AV
H	36820	46	5.28	51.28	68.2	-16.92	PK
H	36820	40.38	5.28	45.66	54	-8.34	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Middle Channel:5200Hz							
V	10600	45.07	2.16	47.23	68.2	-20.97	PK
V	10600	39.36	2.16	41.52	54	-12.48	AV
V	15900	44.36	7.67	52.03	74	-21.97	PK
V	15900	34.35	7.67	42.02	54	-11.98	AV
V	21200	53.24	-5.45	47.79	68.2	-20.41	PK
V	21200	49.18	-5.45	43.73	54	-10.27	AV
V	26500	52.47	-2.39	50.08	68.2	-18.12	PK
V	26500	48.2	-2.39	45.81	54	-8.19	AV
V	31800	47.5	1.53	49.03	68.2	-19.17	PK
V	31800	43.75	1.53	45.28	54	-8.72	AV
V	37100	44.45	5.31	49.76	68.2	-18.44	PK
V	37100	38.55	5.31	43.86	54	-10.14	AV
H	10600	44.57	2.16	46.73	68.2	-21.47	PK
H	10600	39.51	2.16	41.67	54	-12.33	AV
H	15900	45.53	7.67	53.2	74	-20.8	PK
H	15900	34.06	7.67	41.73	54	-12.27	AV
H	21200	55.79	-5.45	50.34	68.2	-17.86	PK
H	21200	50.65	-5.45	45.2	54	-8.8	AV
H	26500	52.52	-2.39	50.13	68.2	-18.07	PK
H	26500	47.06	-2.39	44.67	54	-9.33	AV
H	31800	47.28	1.53	48.81	68.2	-19.39	PK
H	31800	42.99	1.53	44.52	54	-9.48	AV
H	37100	46.23	5.31	51.54	68.2	-16.66	PK
H	37100	40.13	5.31	45.44	54	-8.56	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
High Channel:5240MHz							
V	10640	44.55	2.21	46.76	68.2	-21.44	PK
V	10640	39.2	2.21	41.41	54	-12.59	AV
V	15960	45.02	7.69	52.71	74	-21.29	PK
V	15960	34.69	7.69	42.38	54	-11.62	AV
V	21280	51.52	-5.42	46.1	68.2	-22.1	PK
V	21280	46.94	-5.42	41.52	54	-12.48	AV
V	26600	52.08	-2.36	49.72	68.2	-18.48	PK
V	26600	46.45	-2.36	44.09	54	-9.91	AV
V	31920	46.92	1.58	48.5	68.2	-19.7	PK
V	31920	41.95	1.58	43.53	54	-10.47	AV
V	37240	43.86	5.35	49.21	68.2	-18.99	PK
V	37240	39.75	5.35	45.1	54	-8.9	AV
H	10640	44.21	2.21	46.42	68.2	-21.78	PK
H	10640	39.33	2.21	41.54	54	-12.46	AV
H	15960	44.35	7.69	52.04	74	-21.96	PK
H	15960	33.81	7.69	41.5	54	-12.5	AV
H	21280	55.01	-5.42	49.59	68.2	-18.61	PK
H	21280	48.83	-5.42	43.41	54	-10.59	AV
H	26600	53.23	-2.36	50.87	68.2	-17.33	PK
H	26600	46.98	-2.36	44.62	54	-9.38	AV
H	31920	47.65	1.58	49.23	68.2	-18.97	PK
H	31920	42.3	1.58	43.88	54	-10.12	AV
H	37240	45.46	5.35	50.81	68.2	-17.39	PK
H	37240	39.67	5.35	45.02	54	-8.98	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Temperature:	21.7°C	Relative Humidity:	63%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	5.6G TX- 802.11n20		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5180MHz							
V	11000	43.65	2.37	46.02	68.2	-22.18	PK
V	11000	39.76	2.37	42.13	54	-11.87	AV
V	16500	45.05	7.84	52.89	74	-21.11	PK
V	16500	33.58	7.84	41.42	54	-12.58	AV
V	22000	54.03	-5.16	48.87	68.2	-19.33	PK
V	22000	48.68	-5.16	43.52	54	-10.48	AV
V	27500	52.55	-2.03	50.52	68.2	-17.68	PK
V	27500	47.4	-2.03	45.37	54	-8.63	AV
V	33000	47.66	1.66	49.32	68.2	-18.88	PK
V	33000	42.77	1.66	44.43	54	-9.57	AV
V	38500	45.18	5.62	50.8	68.2	-17.4	PK
V	38500	40.95	5.62	46.57	54	-7.43	AV
H	11000	45.15	2.37	47.52	68.2	-20.68	PK
H	11000	40.23	2.37	42.6	54	-11.4	AV
H	16500	43.67	7.84	51.51	74	-22.49	PK
H	16500	33.36	7.84	41.2	54	-12.8	AV
H	22000	55.74	-5.16	50.58	68.2	-17.62	PK
H	22000	50.94	-5.16	45.78	54	-8.22	AV
H	27500	52.18	-2.03	50.15	68.2	-18.05	PK
H	27500	47.28	-2.03	45.25	54	-8.75	AV
H	33000	46.17	1.66	47.83	68.2	-20.37	PK
H	33000	41.44	1.66	43.1	54	-10.9	AV
H	38500	46.24	5.62	51.86	68.2	-16.34	PK
H	38500	40.09	5.62	45.71	54	-8.29	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Middle Channel:5200Hz							
V	11160	44.5	2.43	46.93	68.2	-21.27	PK
V	11160	39.66	2.43	42.09	54	-11.91	AV
V	16740	44.64	7.89	52.53	74	-21.47	PK
V	16740	34.35	7.89	42.24	54	-11.76	AV
V	22320	52.92	-5.02	47.9	68.2	-20.3	PK
V	22320	48.74	-5.02	43.72	54	-10.28	AV
V	27900	52.94	-1.97	50.97	68.2	-17.23	PK
V	27900	47.33	-1.97	45.36	54	-8.64	AV
V	33480	47.76	1.73	49.49	68.2	-18.71	PK
V	33480	42.97	1.73	44.7	54	-9.3	AV
V	39060	43.54	5.76	49.3	68.2	-18.9	PK
V	39060	39.09	5.76	44.85	54	-9.15	AV
H	11160	44.37	2.43	46.8	68.2	-21.4	PK
H	11160	39.71	2.43	42.14	54	-11.86	AV
H	16740	44.57	7.89	52.46	74	-21.54	PK
H	16740	34.2	7.89	42.09	54	-11.91	AV
H	22320	55.24	-5.02	50.22	68.2	-17.98	PK
H	22320	50.35	-5.02	45.33	54	-8.67	AV
H	27900	52.44	-1.97	50.47	68.2	-17.73	PK
H	27900	47.35	-1.97	45.38	54	-8.62	AV
H	33480	47.38	1.73	49.11	68.2	-19.09	PK
H	33480	42.09	1.73	43.82	54	-10.18	AV
H	39060	46.22	5.76	51.98	68.2	-16.22	PK
H	39060	39.86	5.76	45.62	54	-8.38	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
High Channel:5240MHz							
V	11400	43.71	2.5	46.21	68.2	-21.99	PK
V	11400	39.14	2.5	41.64	54	-12.36	AV
V	17100	44.45	7.94	52.39	74	-21.61	PK
V	17100	34.03	7.94	41.97	54	-12.03	AV
V	22800	51.11	-4.93	46.18	68.2	-22.02	PK
V	22800	47.45	-4.93	42.52	54	-11.48	AV
V	28500	52.05	-1.86	50.19	68.2	-18.01	PK
V	28500	45.6	-1.86	43.74	54	-10.26	AV
V	34200	46.86	1.79	48.65	68.2	-19.55	PK
V	34200	41.65	1.79	43.44	54	-10.56	AV
V	39900	44.47	5.88	50.35	68.2	-17.85	PK
V	39900	39.42	5.88	45.3	54	-8.7	AV
H	11400	44.65	2.5	47.15	68.2	-21.05	PK
H	11400	39.37	2.5	41.87	54	-12.13	AV
H	17100	44.33	7.94	52.27	74	-21.73	PK
H	17100	34.46	7.94	42.4	54	-11.6	AV
H	22800	55.1	-4.93	50.17	68.2	-18.03	PK
H	22800	49.11	-4.93	44.18	54	-9.82	AV
H	28500	53.02	-1.86	51.16	68.2	-17.04	PK
H	28500	46.91	-1.86	45.05	54	-8.95	AV
H	34200	47.45	1.79	49.24	68.2	-18.96	PK
H	34200	42.04	1.79	43.83	54	-10.17	AV
H	39900	45.4	5.88	51.28	68.2	-16.92	PK
H	39900	39.74	5.88	45.62	54	-8.38	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Temperature:	21.7°C	Relative Humidity:	63%RH
Pressure:	101.2kPa	Test Voltage :	AC 120V 60HZ
Test Mode :	5.8G TX- 802.11a		

Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5745MHz							
V	11490	49.32	3.31	52.63	74	-21.37	PK
V	11490	39.53	3.31	42.84	54	-11.16	AV
V	17235	37.41	10.1	47.51	68.2	-20.69	PK
V	17235	32.43	10.1	42.53	54	-11.47	AV
V	22980	56.87	-4.61	52.26	74	-21.74	PK
V	22980	45.59	-4.61	40.98	54	-13.02	AV
V	28725	49.1	0.87	49.97	68.2	-18.23	PK
V	28725	42.94	0.87	43.81	54	-10.19	AV
V	34470	46.61	3.82	50.43	68.2	-17.77	PK
V	34470	40.57	3.82	44.39	54	-9.61	AV
H	11490	48.33	3.31	51.64	74	-22.36	PK
H	11490	37.47	3.31	40.78	54	-13.22	AV
H	17235	36	10.1	46.1	68.2	-22.1	PK
H	17235	31.51	10.1	41.61	54	-12.39	AV
H	22980	59.42	-4.61	54.81	74	-19.19	PK
H	22980	47.95	-4.61	43.34	54	-10.66	AV
H	28725	49.48	0.87	50.35	68.2	-17.85	PK
H	28725	43.55	0.87	44.42	54	-9.58	AV
H	34470	46.95	3.82	50.77	68.2	-17.43	PK
H	34470	41.49	3.82	45.31	54	-8.69	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5785MHz							
V	11570	50.13	3.34	53.47	74	-20.53	PK
V	11570	38.22	3.34	41.56	54	-12.44	AV
V	17355	35.22	10.52	45.74	68.2	-22.46	PK
V	17355	32	10.52	42.52	54	-11.48	AV
V	23140	56.59	-4.66	51.93	74	-22.07	PK
V	23140	45.41	-4.66	40.75	54	-13.25	AV
V	28925	46.56	1.36	47.92	68.2	-20.28	PK
V	28925	41.47	1.36	42.83	54	-11.17	AV
V	34710	46.18	3.95	50.13	68.2	-18.07	PK
V	34710	39.87	3.95	43.82	54	-10.18	AV
H	11570	49.32	3.34	52.66	74	-21.34	PK
H	11570	38.37	3.34	41.71	54	-12.29	AV
H	17355	36.35	10.52	46.87	68.2	-21.33	PK
H	17355	30.95	10.52	41.47	54	-12.53	AV
H	23140	61.13	-4.66	56.47	74	-17.53	PK
H	23140	48.38	-4.66	43.72	54	-10.28	AV
H	28925	48.12	1.36	49.48	68.2	-18.72	PK
H	28925	43.16	1.36	44.52	54	-9.48	AV
H	34710	46.7	3.95	50.65	68.2	-17.55	PK
H	34710	41.81	3.95	45.76	54	-8.24	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



Polar (H/V)	Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detect or Type
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
Low Channel:5825MHz							
V	11650	48.72	3.36	52.08	74	-21.92	PK
V	11650	37.71	3.36	41.07	54	-12.93	AV
V	17475	36.15	10.93	47.08	68.2	-21.12	PK
V	17475	31.23	10.93	42.16	54	-11.84	AV
V	23300	54.5	-4.77	49.73	68.2	-18.47	PK
V	23300	48.85	-4.77	44.08	54	-9.92	AV
V	29125	44.3	1.65	45.95	68.2	-22.25	PK
V	29125	40.88	1.65	42.53	54	-11.47	AV
V	34950	44.44	4.09	48.53	68.2	-19.67	PK
V	34950	40.28	4.09	44.37	54	-9.63	AV
H	11650	48.96	3.36	52.32	74	-21.68	PK
H	11650	38.23	3.36	41.59	54	-12.41	AV
H	17475	35.99	10.93	46.92	68.2	-21.28	PK
H	17475	32.09	10.93	43.02	54	-10.98	AV
H	23300	53.51	-4.77	48.74	68.2	-19.46	PK
H	23300	48.54	-4.77	43.77	54	-10.23	AV
H	29125	47.83	1.65	49.48	68.2	-18.72	PK
H	29125	43.64	1.65	45.29	54	-8.71	AV
H	34950	45.86	4.09	49.95	68.2	-18.25	PK
H	34950	41.31	4.09	45.4	54	-8.6	AV

Remark:

1. Emission Level = Meter Reading + Factor,
Factor=Antenna Factor + Cable Loss – Pre-amplifier
Margin= Emission Level – Limit
2. If peak below the average limit, the average emission was no test.
3. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



5 APPENDIX 1-TEST DATA

5.2G WLAN

Duty Cycle

Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
a	5180	0.961	1.008	95.34	0.21	1.04	0.32
a	5200	0.961	1.008	95.34	0.21	1.04	0.35
a	5240	0.961	1.008	95.34	0.21	1.04	0.22
n20	5180	0.961	1.008	95.34	0.21	1.04	0.33
n20	5200	0.961	1.008	95.34	0.21	1.04	0.28
n20	5240	0.961	1.008	95.34	0.21	1.04	0.49
n40	5190	0.977	1.024	95.41	0.2	1.02	0.23
n40	5230	0.977	1.023	95.5	0.2	1.02	0.59
ac20	5180	0.952	0.999	95.3	0.21	1.05	0.19
ac20	5200	0.952	0.999	95.3	0.21	1.05	0.65
ac20	5240	0.953	0.999	95.4	0.2	1.05	0.19
ac40	5190	0.953	1	95.3	0.21	1.05	0.50
ac40	5230	0.952	0.999	95.3	0.21	1.05	0.72
ax20	5180	0.979	1.026	95.42	0.2	1.02	0.25
ax20	5200	0.979	1.026	95.42	0.2	1.02	0.26
ax20	5240	0.978	1.027	95.23	0.21	1.02	0.51
ax40	5190	0.977	1.024	95.41	0.2	1.02	0.13
ax40	5230	0.977	1.024	95.41	0.2	1.02	0.60