

TEST REPORT

Product : Eilik AI Station
Trade mark : Eilik AI Station
Model/Type reference : Ei-Al-Base
Serial Number : N/A
Report Number : EED32R80798704
FCC ID : 2BLNC-EIKSTATION
Date of Issue : Aug. 13, 2025
Test Standards : 47 CFR Part 15 Subpart E
Test result : PASS

Prepared for:

Shenzhen Zhuneng Technology Co., Ltd.
405-1, Honglang North, Zhongli Venture Community, No. 49, Dabao
Road, Xin'an Street, Baoan District

Prepared by:

Centre Testing International Group Co., Ltd.
Hongwei Industrial Park, Zone 70, Bao'an District,
Shenzhen, Guangdong, China
TEL: +86-755-3368 3668
FAX: +86-755-3368 3385

Compiled by:

Keven Tan.

Reviewed by:

Frazer. Li

Keven Tan

Frazer Li

Approved by:

Aaron Ma

Date:

Aug. 13, 2025

Aaron Ma

Check No.:8835210525



1 Content

1 CONTENT	2
2 TEST SUMMARY	3
3 GENERAL INFORMATION	4
3.1 CLIENT INFORMATION	4
3.2 GENERAL DESCRIPTION OF EUT	4
3.3 TEST CONFIGURATION	6
3.4 TEST ENVIRONMENT	6
3.5 DESCRIPTION OF SUPPORT UNITS	7
3.6 TEST LOCATION	7
3.7 DEVIATION FROM STANDARDS	7
3.8 ABNORMALITIES FROM STANDARD CONDITIONS	7
3.9 OTHER INFORMATION REQUESTED BY THE CUSTOMER	7
3.10 MEASUREMENT UNCERTAINTY (95% CONFIDENCE LEVELS, K=2)	7
4 EQUIPMENT LIST	8
5 RADIO TECHNICAL REQUIREMENTS SPECIFICATION	11
5.1 ANTENNA REQUIREMENT	11
5.2 AC POWER LINE CONDUCTED EMISSIONS	12
5.3 RADIATED EMISSION	16
5.4 RADIATED EMISSION WHICH FALL IN THE RESTRICTED BANDS	24
PHOTOGRAPHS OF TEST SETUP	61
PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS	64

2 Test Summary

Test Item	Test Requirement	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart E Section 15.407 (b)(6)	PASS
Duty Cycle	47 CFR Part 15 Subpart E Section 15.407	NOTE
Maximum Conducted Output Power	47 CFR Part 15 Subpart E Section 15.407 (a)	NOTE
26dB Emission Bandwidth	47 CFR Part 15 Subpart E Section 15.407 (a)	NOTE
99% Occupied Bandwidth	\	NOTE
6dB Emission Bandwidth	47 CFR Part 15 Subpart E Section 15.407 (e)	NOTE
Maximum Power Spectral Density	47 CFR Part 15 Subpart E Section 15.407 (a)	NOTE
Frequency stability	47 CFR Part 15 Subpart E Section 15.407 (g)	NOTE
Radiated Emissions	47 CFR Part 15 Subpart E Section 15.407 (b)	PASS
Radiated Emissions which fall in the restricted bands	47 CFR Part 15 Subpart E Section 15.407 (b)	PASS

Remark:
NOTE: The test data refer to the module's (FCC ID: 2AL6KBL-M8821CS1) report of GTS20191209006-2-25.

3 General Information

3.1 Client Information

Applicant:	Shenzhen Zhuneng Technology Co., Ltd.
Address of Applicant:	405-1, Honglang North, Zhongli Venture Community, No. 49, Dabao Road, Xin'an Street, Baoan District
Manufacturer:	Shenzhen Zhuneng Technology Co., Ltd.
Address of Manufacturer:	405-1, Honglang North, Zhongli Venture Community, No. 49, Dabao Road, Xin'an Street, Baoan District
Factory :	Kpower Technology Co.,Ltd.
Address of Factory :	No.8, Changhong 4th Road, Zhangkeng Village, Hengli Town, Dongguan City, Guangdong Province

3.2 General Description of EUT

Product Name:	Eilik AI Station	
Model No.:	Ei-AI-Base	
Test Model No.:	Ei-AI-Base	
Trade mark:	Eilik AI Station	
Product Type:	<input type="checkbox"/> Mobile <input type="checkbox"/> Portable <input checked="" type="checkbox"/> Fix Location	
Type of Modulation:	IEEE 802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) IEEE 802.11n(HT20/HT40): OFDM (BPSK, QPSK, 16QAM, 64QAM) IEEE 802.11ac(VHT20/VHT40/VHT80): OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)	
Operating Frequency	U-NII-1: 5180-5240MHz U-NII-3: 5745-5825MHz	
Antenna Type:	Dual-frequency copper tube antenna	
Antenna Gain:	2.45 dBi	
Power Supply:	Adapter:	DC 12V
Test voltage:	DC 12V	
Sample Received Date:	May 22, 2025	
Sample tested Date:	Jun. 12, 2025 to Jul. 23, 2025	

Operation Frequency each of channel

802.11a/802.11n/802.11ac Frequency/Channel Operations:

U-NII-1		U-NII-3	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	149	5745
40	5200	153	5765
44	5220	157	5785
48	5240	161	5805
-	-	165	5825

802.11n/802.11ac Frequency/Channel Operations:

U-NII-1		U-NII-3	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
38	5190	151	5755
46	5230	159	5795

802.11ac Frequency/Channel Operations:

U-NII-1		U-NII-3	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
42	5210	155	5775

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:

3.3 Test Configuration

EUT Test Software Settings:	
Software:	Cmd.exe
EUT Power Grade:	Default
Use test software to set the lowest frequency, the middle frequency and the highest frequency keep transmitting of the EUT.	
Test Mode:	
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:	
Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.	
Mode	Data rate
802.11a	6 Mbps
802.11n(HT20)	MCS0
802.11n(HT40)	MCS0
802.11ac(VHT20)	MCS0
802.11ac(VHT40)	MCS0
802.11ac(VHT80)	MCS0

3.4 Test Environment

Operating Environment:		
Radiated Spurious Emissions:		
Temperature:	22~25.0 °C	
Humidity:	50~55 % RH	
Atmospheric Pressure:	1010mbar	
Conducted Emissions:		
Temperature:	22~25.0 °C	
Humidity:	50~55 % RH	
Atmospheric Pressure:	1010mbar	
RF Conducted:		
Humidity:	50~55 % RH	
Atmospheric Pressure:	1010mbar	
Temperature:	NT (Normal Temperature)	22~25.0 °C
	LT (Low Temperature)	0 °C
	HT (High Temperature)	55.0 °C
Working Voltage of the EUT:	NV (Normal Voltage)	12 V
	LV (Low Voltage)	10.8 V
	HV (High Voltage)	13.2 V

3.5 Description of Support Units

1) Support equipment

Description	Manufacturer	Model No.	Certification	Supplied by
Netbook	Dell	P77F	FCC&CE	CTI

3.6 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

3.7 Deviation from Standards

None.

3.8 Abnormalities from Standard Conditions

None.

3.9 Other Information Requested by the Customer

None.

3.10 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	3.3dB (9kHz-30MHz)
		4.5dB (30MHz-1GHz)
		4.8dB (1GHz-18GHz)
		3.4dB (18GHz-40GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

4 Equipment List

Conducted disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
Receiver	R&S	ESCI	100435	04-08-2025	04-07-2026
Temperature/ Humidity Indicator	Defu	TH128	/	03-31-2025	03-30-2026
LISN	R&S	ENV216	100098	09-19-2024	09-18-2025
Barometer	changchun	DYM3	1188	---	---
Test software	Fara	EZ-EMC	EMC-CON 3A1.1	---	---
Capacitive voltage probe	Schwarzbeck	CVP 9222C	00124	06-07-2025	06-06-2026
ISN	TESEQ	ISN T800	30297	12-05-2024	12-04-2025

3M Semi-anechoic Chamber (2)- Radiated disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	01/13/2024	01/12/2027
Receiver	R&S	ESCI7	100938-003	09/07/2024	09/06/2025
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-618	05/14/2025	05/13/2026
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04/07/2025	04/06/2026
Microwave Preamplifier	Tonscend	EMC051845SE	980380	12/05/2024	12/04/2025
Horn Antenna	A.H.SYSTEMS	SAS-574	374	05/23/2025	05/22/2026
Horn Antenna	ETS-LINGREN	BBHA 9120D	9120D-1869	04/07/2025	04/06/2026
Preamplifier	Agilent	11909A	12-1	03/03/2025	03/02/2026
Preamplifier	CD	PAP-1840-60	6041.6042	06/19/2024 05/26/2025	06/18/2025 05/25/2026
Test software	Fara	EZ-EMC	EMEC-3A1-Pre	---	---
Cable line	Fulai(7M)	SF106	5219/6A	01/13/2024	01/12/2027
Cable line	Fulai(6M)	SF106	5220/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5216/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5217/6A	01/13/2024	01/12/2027

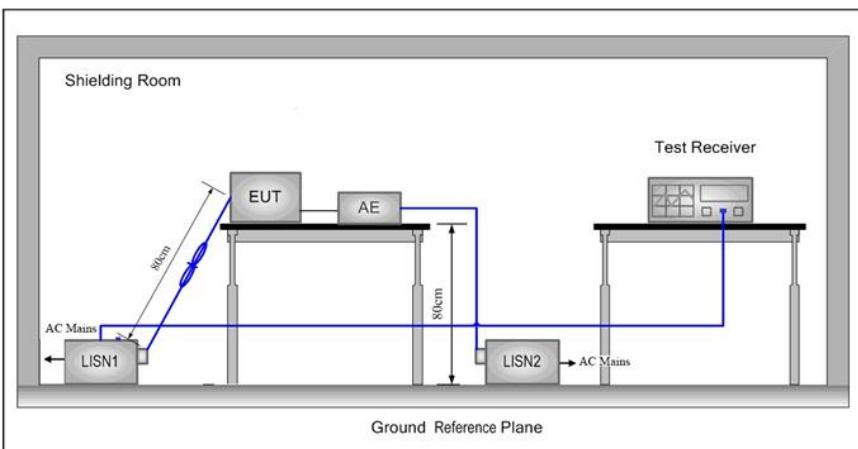
3M full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Fully Anechoic Chamber	TDK	FAC-3	---	01-09-2024	01-08-2027
Receiver	Keysight	N9038A	MY57290136	01-04-2025	01-03-2026
Spectrum Analyzer	Keysight	N9020B	MY57111112	01-14-2025	01-13-2026
Spectrum Analyzer	Keysight	N9030B	MY57140871	01-14-2025	01-13-2026
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-12-2025	04-11-2026
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-12-2025	04-11-2026
Horn Antenna	ETS-LINDGREN	3117	57407	07-03-2024 06-29-2025	07-02-2025 06-28-2026
Preamplifier	EMCI	EMC001330	980563	03-03-2025	03-02-2026
Preamplifier	Tonscend	TAP-011858	AP21B806112	07-18-2024 07-07-2025	07-17-2025 07-06-2026
Preamplifier	Tonscend	EMC051845SE	980380	12-05-2024	12-04-2025
Communication test set	R&S	CMW500	102898	01-04-2025	01-03-2026
Temperature/Humidity Indicator	biaozhi	GM1360	EE1186631	03-31-2025	03-30-2026
RSE Automatic test software	JS Tonscend	JS36-RSE	V4.0.0.0	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	01-09-2024	01-08-2027
Cable line	Times	EMC104-NMNM-1000	SN160710	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	01-09-2024	01-08-2027
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	01-09-2024	01-08-2027
Cable line	Times	HF160-KMNM-3.00M	393493-0001	01-09-2024	01-08-2027

5 Radio Technical Requirements Specification

5.1 Antenna Requirement

Standard requirement:	47 CFR Part 15C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
EUT Antenna:	Please see Internal photos
The antenna is Dual-frequency copper tube antenna. The best case gain of the antenna is 2.45dBi.	

5.2 AC Power Line Conducted Emissions

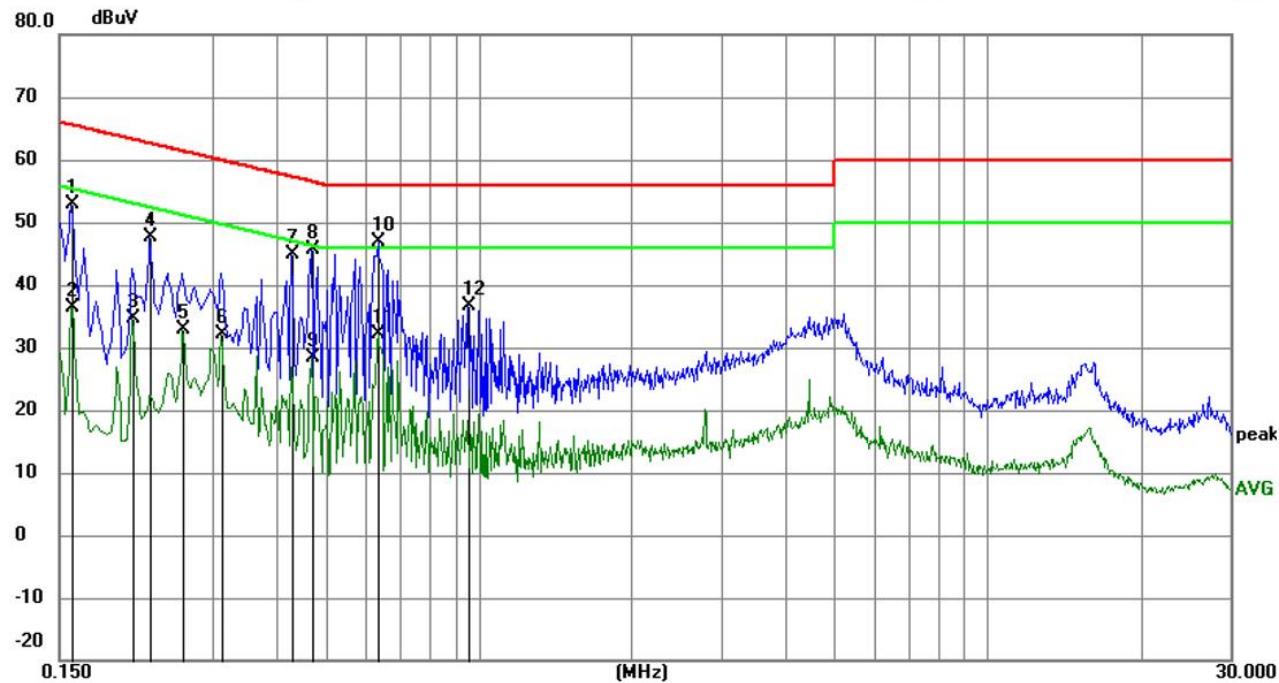
Test Requirement:	47 CFR Part 15C Section 15.207																	
Test Method:	ANSI C63.10: 2013																	
Test Frequency Range:	150kHz to 30MHz																	
Receiver setup:	RBW=9 kHz, VBW=30 kHz, Sweep time=auto																	
Limit:	<table border="1"> <thead> <tr> <th>Frequency range (MHz)</th> <th colspan="2">Limit (dBuV)</th> </tr> <tr> <th></th> <th>Quasi-peak</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr> <tr> <td>0.5-5</td><td>56</td><td>46</td></tr> <tr> <td>5-30</td><td>60</td><td>50</td></tr> </tbody> </table>			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
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:																		
Test Procedure:	<ol style="list-style-type: none"> 1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to 																	

	ANSI C63.10: 2013 on conducted measurement.
Test Mode:	All modes were tested, only the worst case (Band 1) was recorded in the report.
Test Results:	Pass



Measurement Data

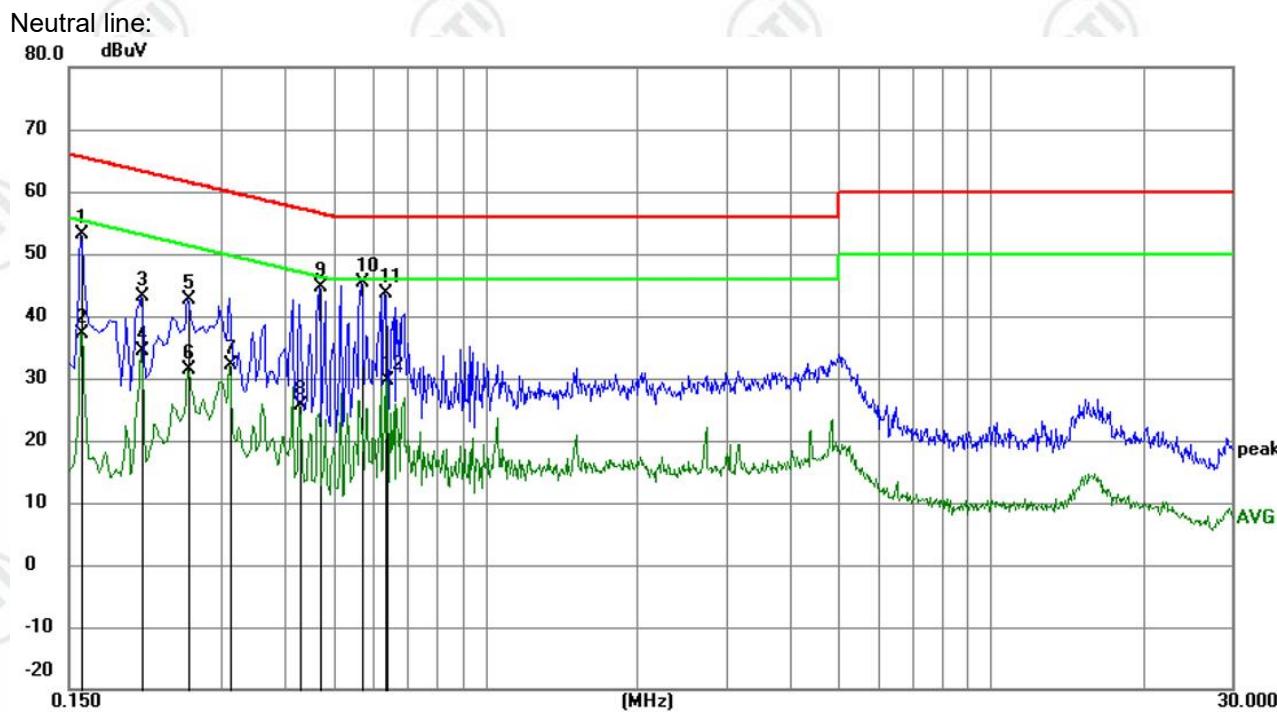
Live line:



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Comment
			Level	Factor	ment			
		MHz	dBuV	dB	dBuV	dB	Detector	
1		0.1590	42.63	10.27	52.90	65.52	-12.62	QP
2		0.1590	26.03	10.27	36.30	55.52	-19.22	AVG
3		0.2085	24.32	10.20	34.52	53.26	-18.74	AVG
4		0.2265	37.39	10.19	47.58	62.58	-15.00	QP
5		0.2625	22.65	10.16	32.81	51.35	-18.54	AVG
6		0.3120	21.99	10.13	32.12	49.92	-17.80	AVG
7		0.4290	34.73	10.09	44.82	57.27	-12.45	QP
8		0.4695	35.48	10.08	45.56	56.52	-10.96	QP
9		0.4695	18.18	10.08	28.26	46.52	-18.26	AVG
10	*	0.6360	36.70	10.11	46.81	56.00	-9.19	QP
11		0.6360	21.99	10.11	32.10	46.00	-13.90	AVG
12		0.9555	26.57	10.18	36.75	56.00	-19.25	QP

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1590	42.92	10.27	53.19	65.52	-12.33	QP	
2		0.1590	26.87	10.27	37.14	55.52	-18.38	AVG	
3		0.2085	32.81	10.20	43.01	63.26	-20.25	QP	
4		0.2085	24.16	10.20	34.36	53.26	-18.90	AVG	
5		0.2580	32.59	10.16	42.75	61.50	-18.75	QP	
6		0.2580	21.32	10.16	31.48	51.50	-20.02	AVG	
7		0.3120	22.05	10.13	32.18	49.92	-17.74	AVG	
8		0.4290	15.49	10.09	25.58	47.27	-21.69	AVG	
9		0.4695	34.55	10.08	44.63	56.52	-11.89	QP	
10	*	0.5685	35.39	10.09	45.48	56.00	-10.52	QP	
11		0.6315	33.61	10.11	43.72	56.00	-12.28	QP	
12		0.6405	19.64	10.11	29.75	46.00	-16.25	AVG	

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

5.3 Radiated Emission

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.407 (b)				
Test Method:	ANSI C63.10 2013				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10kHz	Average
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	<p>*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 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.</p> <p>(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.</p> <p>(4) For transmitters operating in the 5.725-5.85 GHz band:</p> <p>(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.</p> <p>Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated</p>				

	<p>emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.</p> <p>Note:</p> <p>(i) $EIRP = ((E^*d)^2) / 30$ where: • E is the field strength in V/m; • d is the measurement distance in meters; • EIRP is the equivalent isotropically radiated power in watts.</p> <p>(ii) Working in dB units, the above equation is equivalent to: $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$</p> <p>(iii) Or, if d is 3 meters: $EIRP[dBm] = E[dB\mu V/m] - 95.2$</p>
Test Setup:	

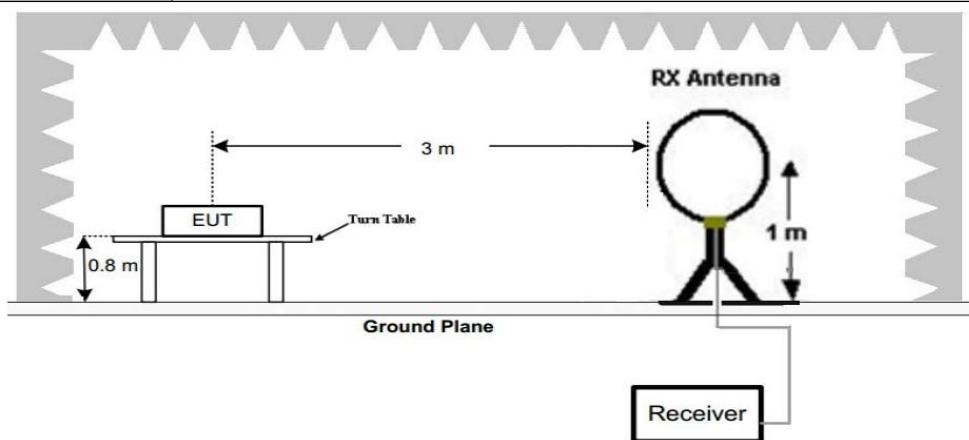


Figure 1. Below 30MHz

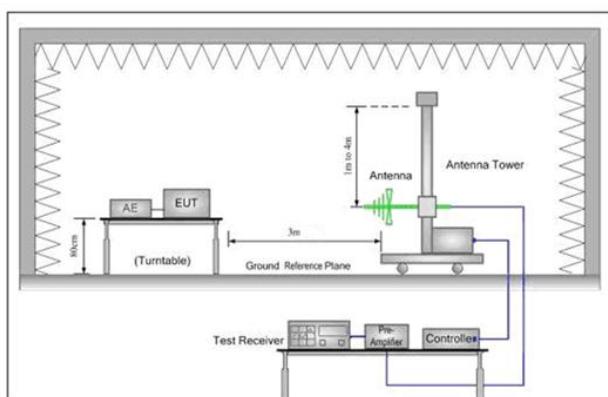


Figure 2. 30MHz to 1GHz

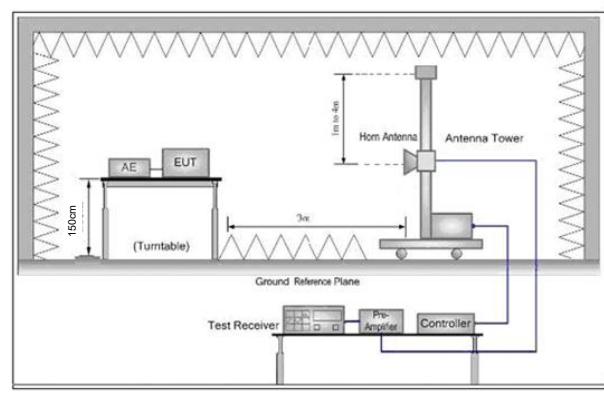


Figure 3. Above 1 GHz

Test Procedure:	<p>a. 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p>
-----------------	--

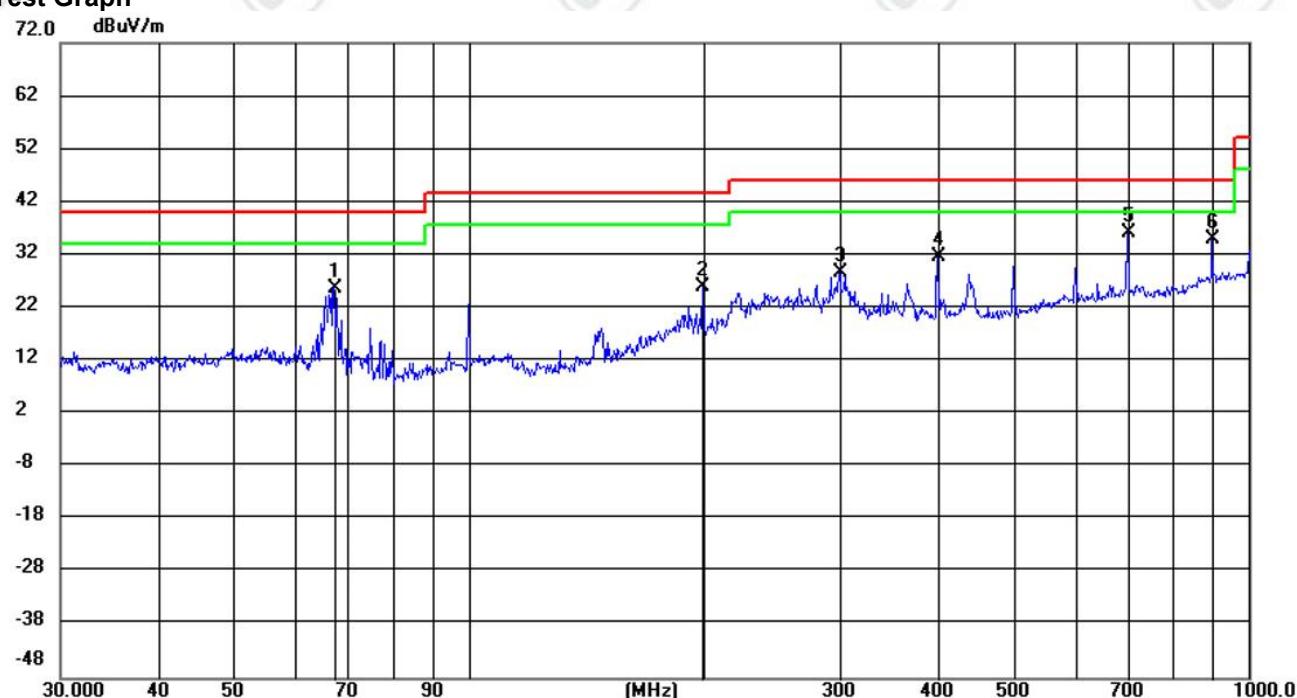
	<p>Note: For the radiated emission test above 1GHz:</p> <p>Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</p> <p>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.</p> <p>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.</p> <p>d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>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.</p> <p>g. Test the EUT in the lowest channel, the middle channel and the highest channel</p> <p>h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.</p> <p>i. Repeat above procedures until all frequencies measured was complete.</p>
Test Mode:	Transmitting mode with modulation
Test Results:	Pass

Radiated Spurious Emissions test Data: Radiated Emission below 1GHz

Remark: During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes, only the worst case lowest channel of 6Mbps for 802.11 a was recorded in the report.

Horizontal:

Test Graph



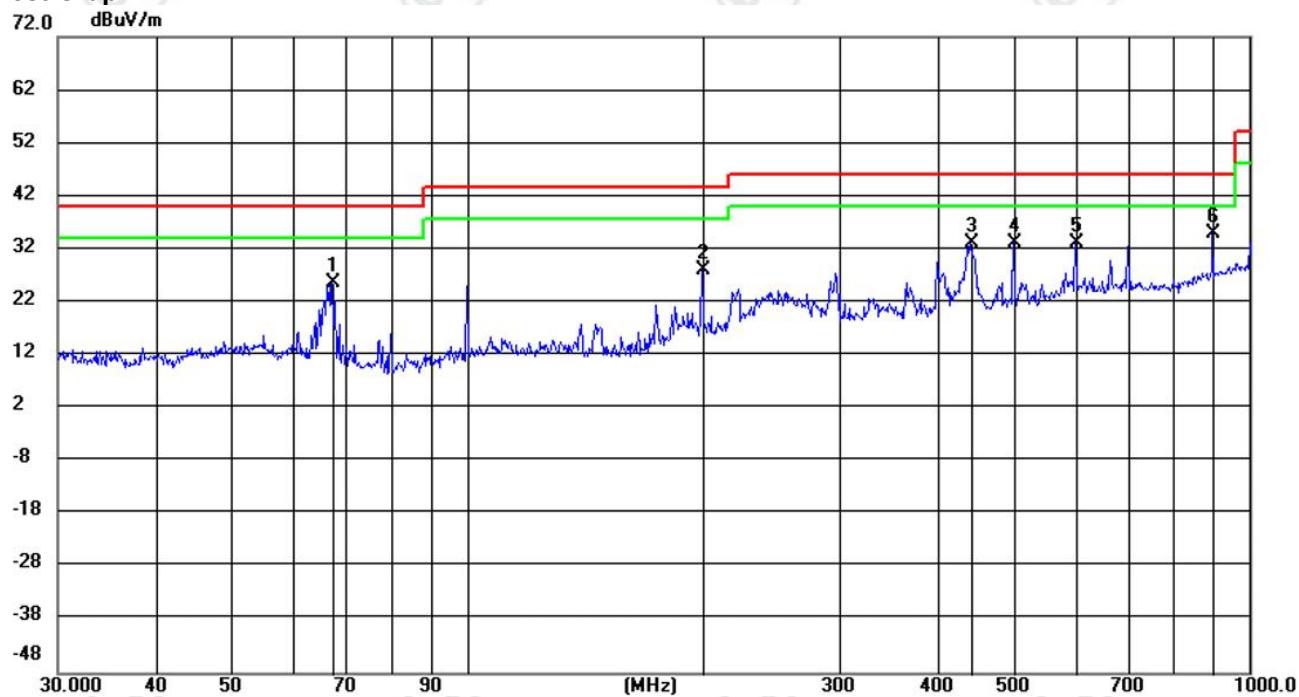
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		67.2139	14.40	11.40	25.80	40.00	-14.20	QP	199	7
2		199.9855	13.08	12.78	25.86	43.50	-17.64	QP	199	319
3		299.0011	12.19	16.54	28.73	46.00	-17.27	QP	100	281
4		400.0108	12.10	19.59	31.69	46.00	-14.31	QP	100	25
5	*	700.0406	12.06	24.23	36.29	46.00	-9.71	QP	199	111
6		899.9896	7.76	27.31	35.07	46.00	-10.93	QP	199	7

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

Vertical:

Test Graph



No.	Mk.	Freq.	Reading	Correct	Measure-	Margin	Antenna		Table		
			Level	Factor	ment		Height	Degree			
			MHz	dBuV	dB/m	dBuV/m	dB	Detector	cm	degree	Comment
1		67.2140	14.35	11.40	25.75	40.00	-14.25	QP	200	311	
2		200.0205	15.24	12.78	28.02	43.50	-15.48	QP	100	100	
3		440.3507	12.97	20.08	33.05	46.00	-12.95	QP	100	153	
4		500.0380	12.39	20.81	33.20	46.00	-12.80	QP	100	69	
5		600.0573	9.71	23.35	33.06	46.00	-12.94	QP	100	132	
6	*	899.9896	7.65	27.31	34.96	46.00	-11.04	QP	100	7	

Remark:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.
3. If the Peak value under Average limit, the Average value is not recorded in the report.

Transmitter Emission above 1GHz

Remark: Through Pre-scan, for 20MHz Occupied Bandwidth, 802.11 n(HT20) mode was the worst case; for 40MHz Occupied Bandwidth, 802.11 n(HT40) mode was the worst case; for 80MHz Occupied Bandwidth, 802.11ac(VHT80) mode was the worst case, only the worst case (Band 1) was recorded in the report.

Mode:		802.11 n(HT20) Transmitting				Channel:		5180MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1327.1531	12.39	35.83	48.22	74.00	25.78	PASS	Horizontal	PK
2	1654.9662	13.95	35.31	49.26	74.00	24.74	PASS	Horizontal	PK
3	2679.9872	17.29	34.90	52.19	74.00	21.81	PASS	Horizontal	PK
4	7582.7791	-1.89	48.55	46.66	74.00	27.34	PASS	Horizontal	PK
5	10358.4429	1.93	51.15	53.08	74.00	20.92	PASS	Horizontal	PK
6	14398.0199	9.17	41.92	51.09	74.00	22.91	PASS	Horizontal	PK
7	1584.1234	13.74	35.20	48.94	74.00	25.06	PASS	Vertical	PK
8	2164.9466	15.54	35.01	50.55	74.00	23.45	PASS	Vertical	PK
9	2709.2484	17.24	35.75	52.99	74.00	21.01	PASS	Vertical	PK
10	7989.8995	-1.22	50.65	49.43	74.00	24.57	PASS	Vertical	PK
11	10303.8152	1.97	45.36	47.33	74.00	26.67	PASS	Vertical	PK
12	13725.2363	7.23	43.61	50.84	74.00	23.16	PASS	Vertical	PK

Mode:		802.11 n(HT20) Transmitting				Channel:		5240MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1442.4377	13.13	36.04	49.17	74.00	24.83	PASS	Horizontal	PK
2	1943.6177	14.87	35.50	50.37	74.00	23.63	PASS	Horizontal	PK
3	2836.8535	17.53	34.75	52.28	74.00	21.72	PASS	Horizontal	PK
4	7642.0071	-1.82	48.32	46.50	74.00	27.50	PASS	Horizontal	PK
5	10633.8817	2.42	45.05	47.47	74.00	26.53	PASS	Horizontal	PK
6	14904.0452	9.35	42.16	51.51	74.00	22.49	PASS	Horizontal	PK
7	1359.4944	12.64	36.27	48.91	74.00	25.09	PASS	Vertical	PK
8	2044.8218	14.86	35.00	49.86	74.00	24.14	PASS	Vertical	PK
9	2784.7114	17.37	35.34	52.71	74.00	21.29	PASS	Vertical	PK
10	7964.0232	-1.40	52.45	51.05	74.00	22.95	PASS	Vertical	PK
11	10676.4338	2.59	44.81	47.40	74.00	26.60	PASS	Vertical	PK
12	14408.3704	9.10	41.97	51.07	74.00	22.93	PASS	Vertical	PK

Mode:			802.11 n(HT40) Transmitting			Channel:		5190MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1518.5607	13.46	34.54	48.00	74.00	26.00	PASS	Horizontal	PK
2	2100.924	15.26	37.01	52.27	74.00	21.73	PASS	Horizontal	PK
3	2557.2223	16.76	35.17	51.93	74.00	22.07	PASS	Horizontal	PK
4	9114.0807	0.08	47.31	47.39	74.00	26.61	PASS	Horizontal	PK
5	11830.5165	2.77	46.48	49.25	74.00	24.75	PASS	Horizontal	PK
6	15898.8449	10.12	42.60	52.72	74.00	21.28	PASS	Horizontal	PK
7	1617.7847	13.84	35.69	49.53	74.00	24.47	PASS	Vertical	PK
8	2064.4026	14.85	34.85	49.70	74.00	24.30	PASS	Vertical	PK
9	2455.3582	16.57	35.48	52.05	74.00	21.95	PASS	Vertical	PK
10	8558.6029	-0.51	46.67	46.16	74.00	27.84	PASS	Vertical	PK
11	11839.142	2.92	46.41	49.33	74.00	24.67	PASS	Vertical	PK
12	15895.3948	10.10	42.25	52.35	74.00	21.65	PASS	Vertical	PK

Mode:			802.11 n(HT40) Transmitting			Channel:		5230MHz	
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1398.4359	12.84	35.97	48.81	74.00	25.19	PASS	Horizontal	PK
2	2281.5513	15.83	35.39	51.22	74.00	22.78	PASS	Horizontal	PK
3	2954.1182	17.72	34.90	52.62	74.00	21.38	PASS	Horizontal	PK
4	8280.289	-1.04	47.58	46.54	74.00	27.46	PASS	Horizontal	PK
5	10355.5678	1.93	48.50	50.43	74.00	23.57	PASS	Horizontal	PK
6	13156.5328	6.08	44.34	50.42	74.00	23.58	PASS	Horizontal	PK
7	1426.3771	12.96	35.69	48.65	74.00	25.35	PASS	Vertical	PK
8	2092.1237	15.25	34.47	49.72	74.00	24.28	PASS	Vertical	PK
9	2908.7964	17.86	34.62	52.48	74.00	21.52	PASS	Vertical	PK
10	7964.0232	-1.40	52.31	50.91	74.00	23.09	PASS	Vertical	PK
11	10437.7969	2.07	45.95	48.02	74.00	25.98	PASS	Vertical	PK
12	14937.3969	9.26	42.91	52.17	74.00	21.83	PASS	Vertical	PK

Mode:		802.11 ac(VHT80) Transmitting			Channel:		5210MHz		
NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	1566.5227	13.66	35.27	48.93	74.00	25.07	PASS	Horizontal	PK
2	2163.1865	15.48	34.99	50.47	74.00	23.53	PASS	Horizontal	PK
3	2591.3237	16.58	34.98	51.56	74.00	22.44	PASS	Horizontal	PK
4	9693.1347	1.17	46.55	47.72	74.00	26.28	PASS	Horizontal	PK
5	11219.261	2.62	46.74	49.36	74.00	24.64	PASS	Horizontal	PK
6	15413.5207	10.15	42.57	52.72	74.00	21.28	PASS	Horizontal	PK
7	1572.6829	13.65	34.82	48.47	74.00	25.53	PASS	Vertical	PK
8	2297.8319	15.85	35.55	51.40	74.00	22.60	PASS	Vertical	PK
9	2907.6963	17.86	34.88	52.74	74.00	21.26	PASS	Vertical	PK
10	7964.0232	-1.40	52.15	50.75	74.00	23.25	PASS	Vertical	PK
11	9713.2607	1.15	46.91	48.06	74.00	25.94	PASS	Vertical	PK
12	13726.9613	7.23	44.20	51.43	74.00	22.57	PASS	Vertical	PK

Note:

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

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

2) Scan from 9kHz to 40GHz, the disturbance above 18GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

5.4 Radiated Emission which fall in the restricted bands

Test Requirement:	47 CFR Part 15C Section 15.209 and 15.407 (b)				
Test Method:	ANSI C63.10 2013				
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	100 kHz	300kHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10kHz	Average
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)
	0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
	0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
	1.705MHz-30MHz	30	-	-	30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3
	<p>*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 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.</p> <p>(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.</p> <p>(4) For transmitters operating in the 5.725-5.85 GHz band:</p> <p>(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.</p> <p>Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated</p>				

	<p>emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.</p> <p>Note:</p> <p>(i) $EIRP = ((E^*d)^2) / 30$ where: • E is the field strength in V/m; • d is the measurement distance in meters; • EIRP is the equivalent isotropically radiated power in watts.</p> <p>(ii) Working in dB units, the above equation is equivalent to: $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$</p> <p>(iii) Or, if d is 3 meters: $EIRP[dBm] = E[dB\mu V/m] - 95.2$</p>
Test Setup:	

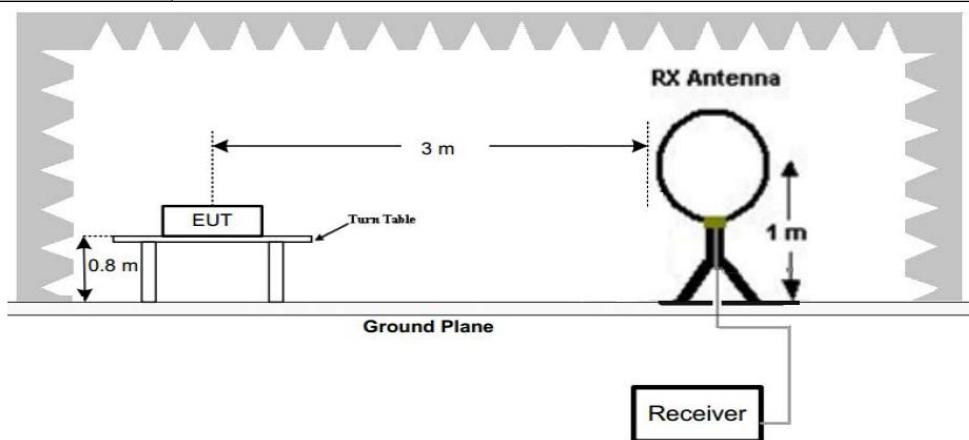


Figure 1. Below 30MHz

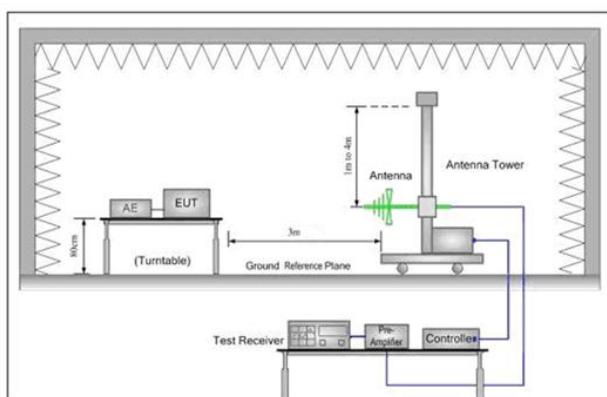


Figure 2. 30MHz to 1GHz

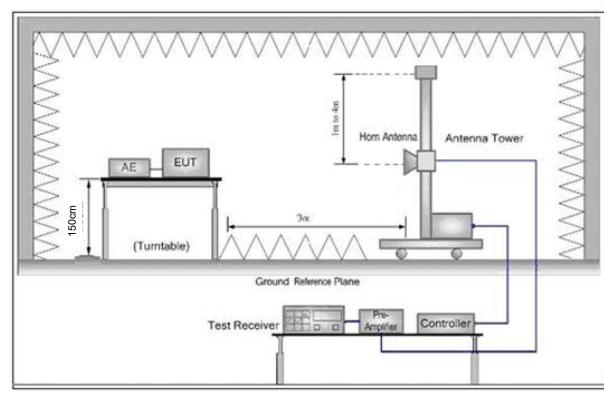


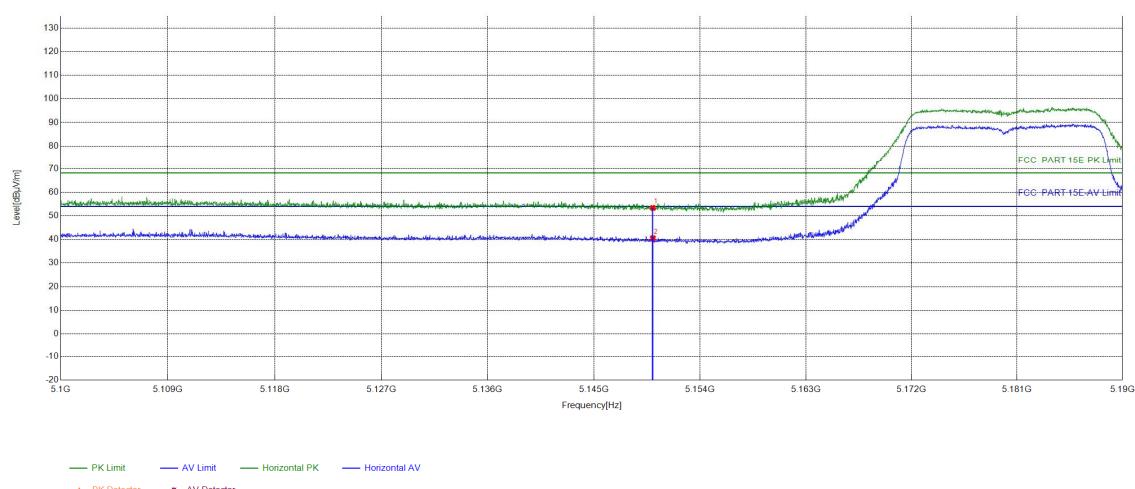
Figure 3. Above 1 GHz

Test Procedure:	<p>j. 1) Below 1G: The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>2) Above 1G: The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</p>
-----------------	--

	<p>Note: For the radiated emission test above 1GHz:</p> <p>Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</p> <p>k. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</p> <p>l. 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.</p> <p>m. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>n. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>o. 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.</p> <p>p. Test the EUT in the lowest channel, the Highest channel</p> <p>q. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.</p> <p>r. Repeat above procedures until all frequencies measured was complete.</p>
Test Mode:	Transmitting mode with modulation
Test Results:	Pass

Test Data:

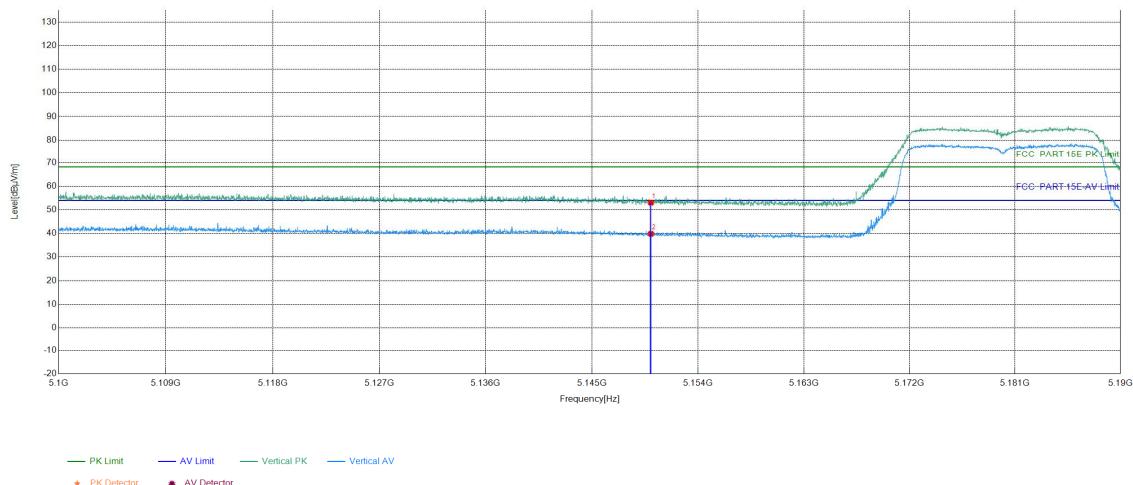
EUT_Name		Test_Model	
Test_Mode	802.11 a Transmitting	Test_Frequency	5180MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9% /		

Test Graph

Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	23.98	29.39	53.37	68.20	14.83	PASS	Horizontal	PK
2	5150	23.98	16.55	40.53	54.00	13.47	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 a Transmitting	Test_Frequency	5180MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9% /		

Test Graph

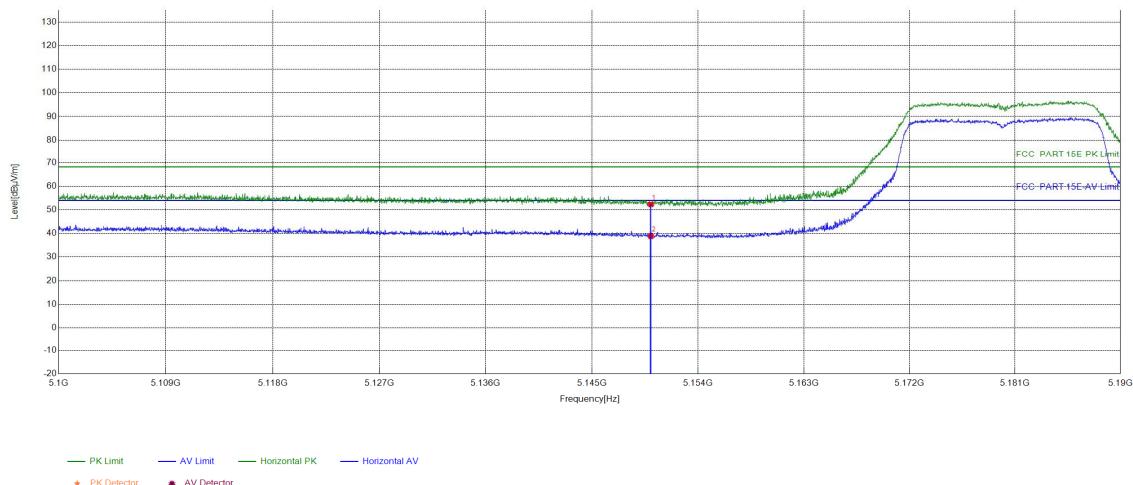


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	5150	23.98	29.08	53.06	68.20	15.14	PASS	Vertical	PK
2	5150	23.98	15.86	39.84	54.00	14.16	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	5180MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

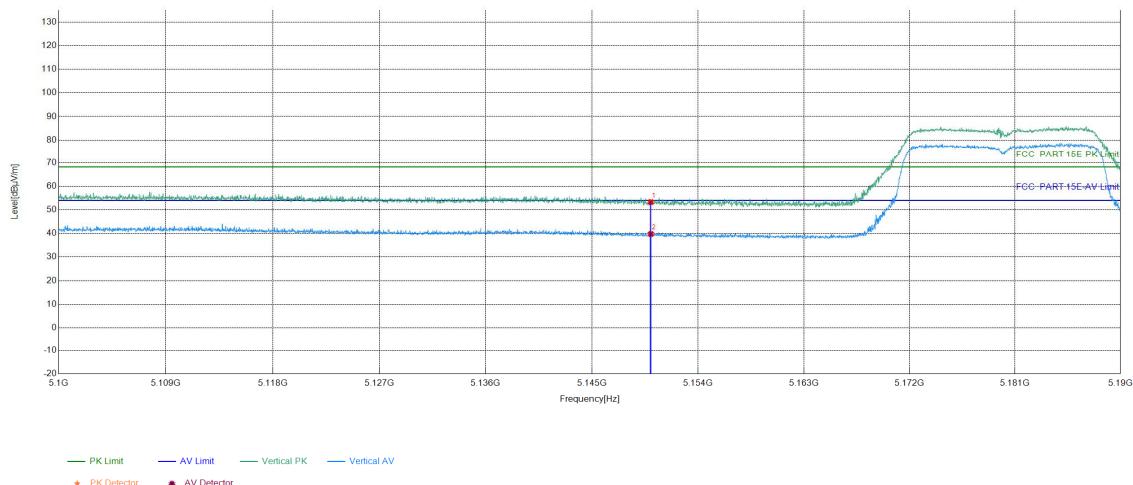


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	23.98	28.39	52.37	68.20	15.83	PASS	Horizontal	PK
2	5150	23.98	14.86	38.84	54.00	15.16	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	5180MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9% /		

Test Graph

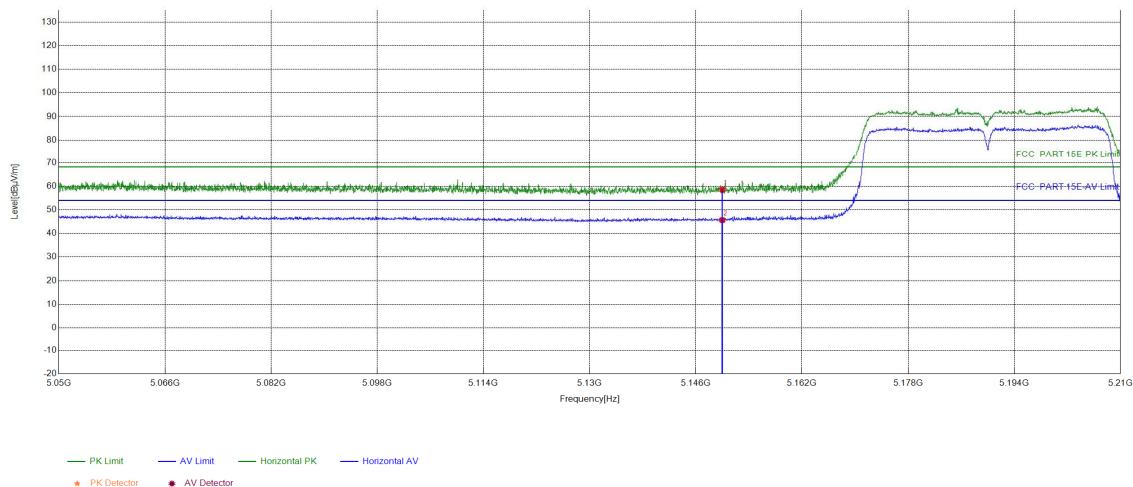


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	23.98	29.33	53.31	68.20	14.89	PASS	Vertical	PK
2	5150	23.98	15.80	39.78	54.00	14.22	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	5190MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

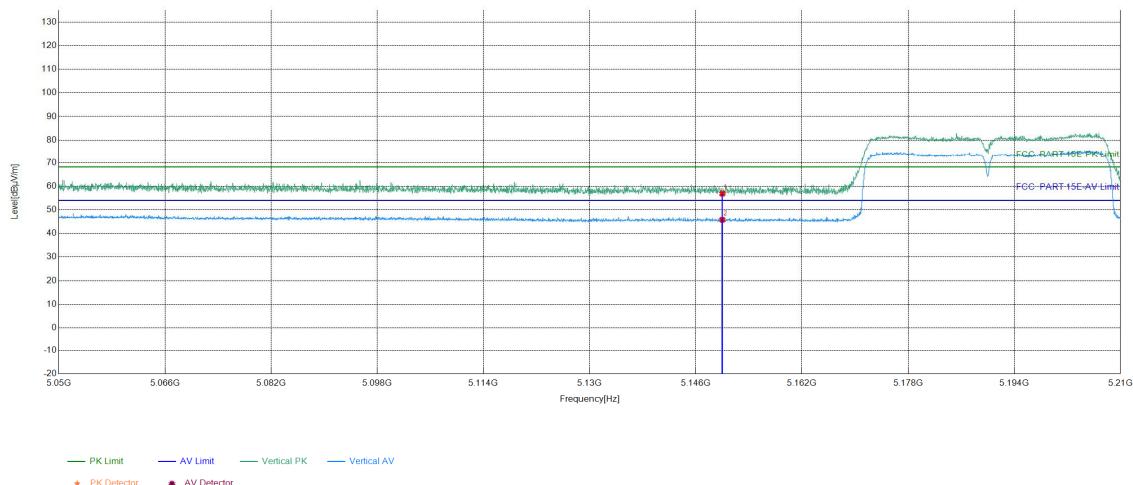


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	24.08	34.47	58.55	68.20	9.65	PASS	Horizontal	PK
2	5150	24.08	21.58	45.66	54.00	8.34	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	5190MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

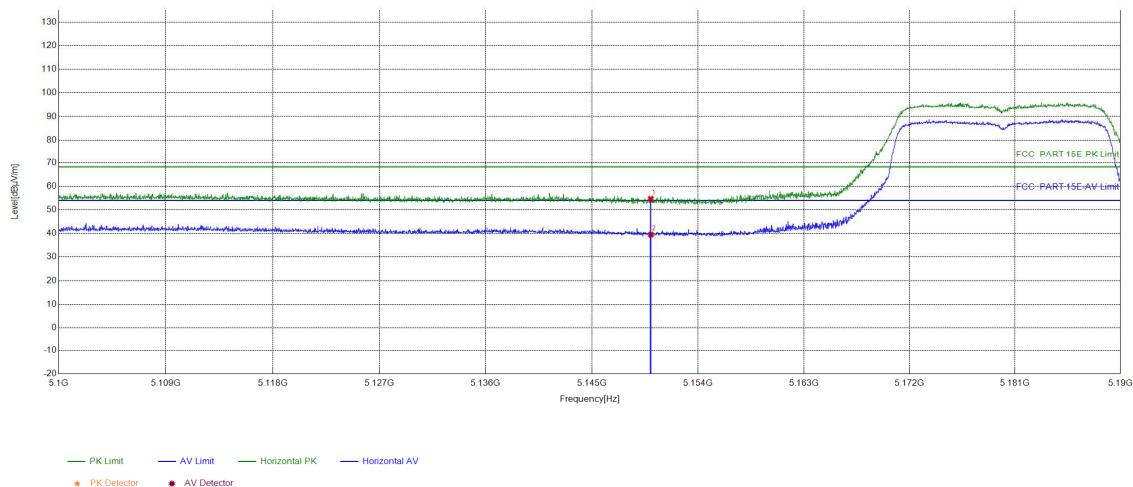


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	24.08	32.79	56.87	68.20	11.33	PASS	Vertical	PK
2	5150	24.08	21.71	45.79	54.00	8.21	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 ac(VHT20) Transmitting	Test_Frequency	5180MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

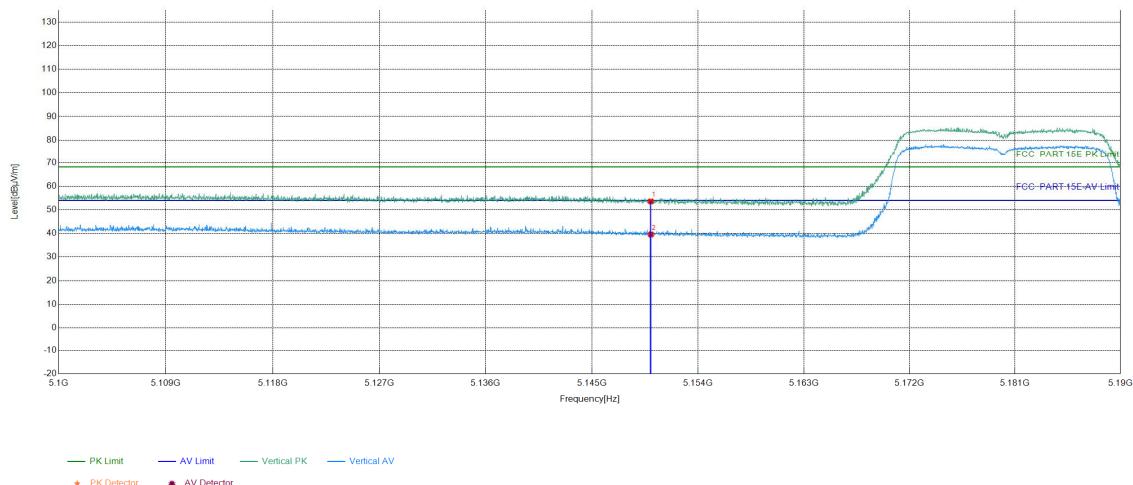


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	23.98	30.71	54.69	68.20	13.51	PASS	Horizontal	PK
2	5150	23.98	15.51	39.49	54.00	14.51	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 ac(VHT20) Transmitting	Test_Frequency	5180MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

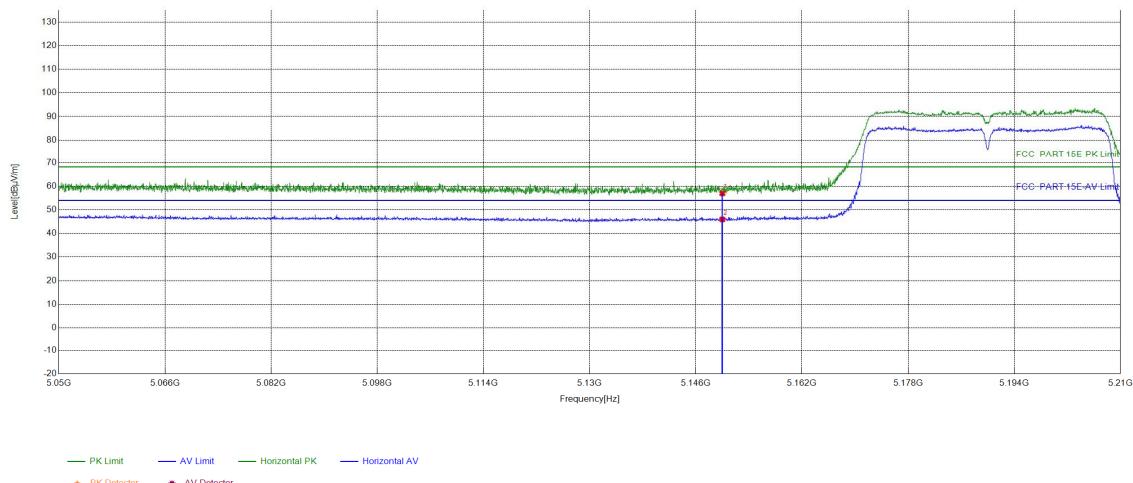


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	23.98	29.61	53.59	68.20	14.61	PASS	Vertical	PK
2	5150	23.98	15.59	39.57	54.00	14.43	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 ac(VHT40) Transmitting	Test_Frequency	5190MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

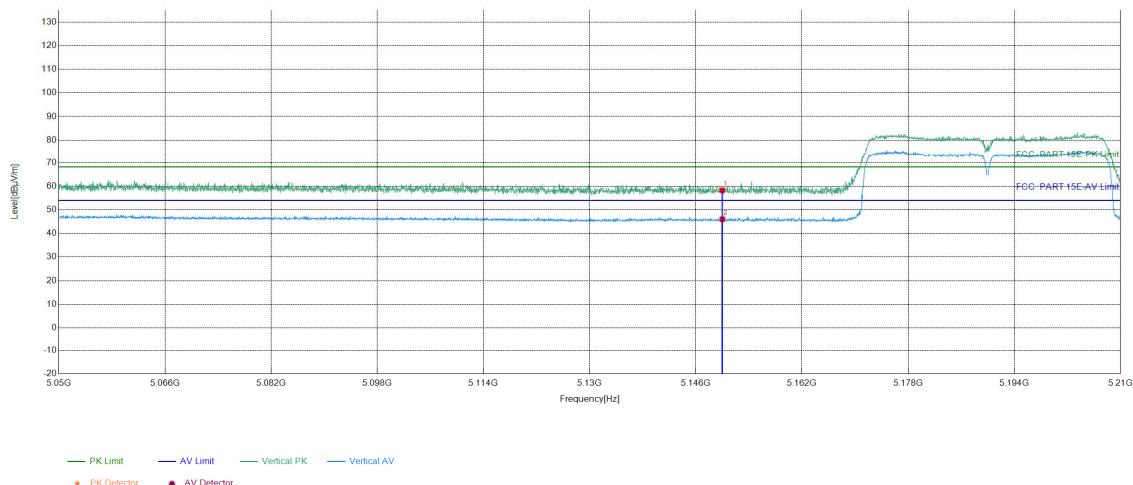


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	5150	24.08	32.90	56.98	68.20	11.22	PASS	Horizontal	PK
2	5150	24.08	21.88	45.96	54.00	8.04	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 ac(VHT40) Transmitting	Test_Frequency	5190MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

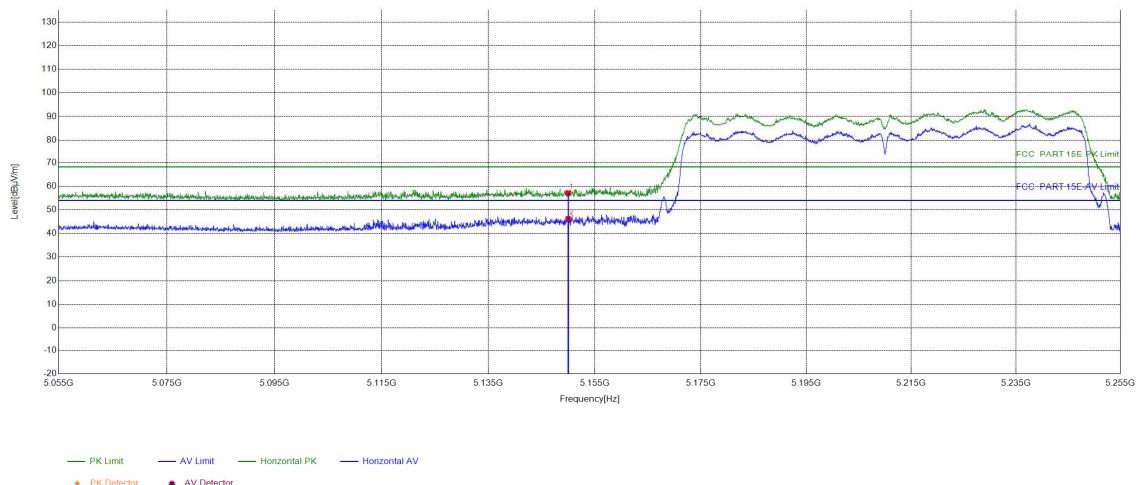


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	24.08	34.21	58.29	68.20	9.91	PASS	Vertical	PK
2	5150	24.08	21.95	46.03	54.00	7.97	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	5210MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

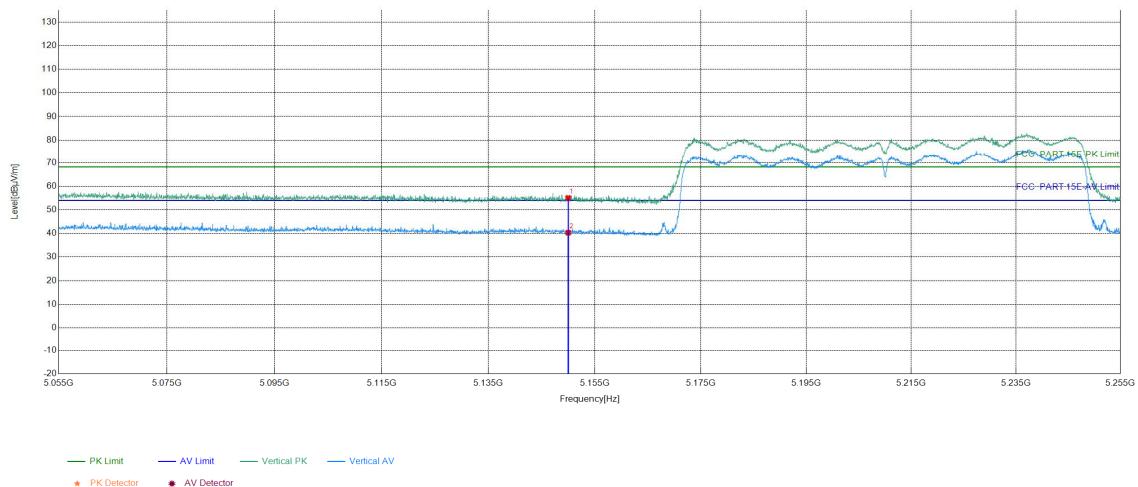
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150	24.08	33.09	57.17	68.20	11.03	PASS	Horizontal	PK
2	5150	24.08	22.11	46.19	54.00	7.81	PASS	Horizontal	AV

EUT_Name		Test_Model	
Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	5210MHz
Tset_Engineer	chenjun	Test_Date	2025/06/24
Remark	21.3°C 57.9%		

Test Graph

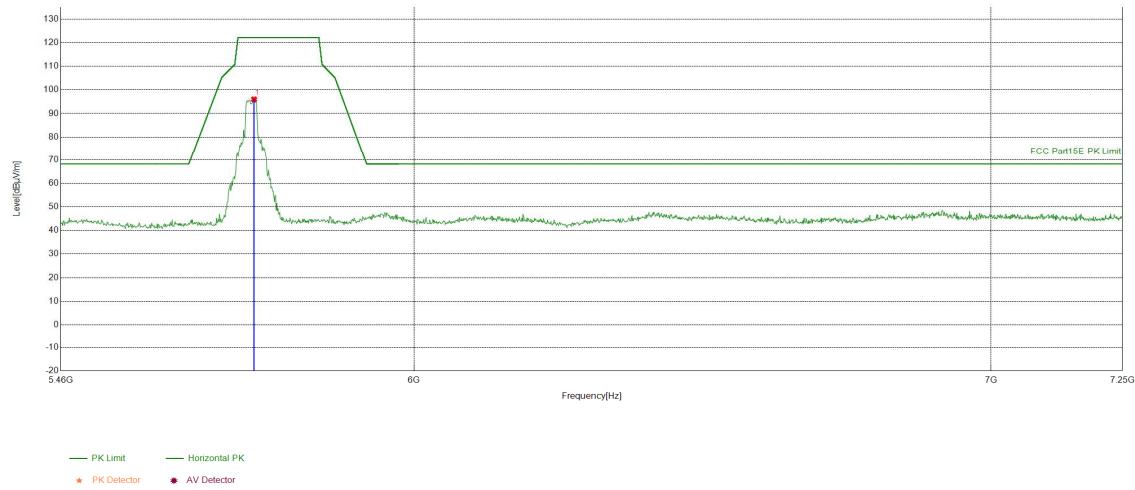


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	5150	24.08	30.95	55.03	68.20	13.17	PASS	Vertical	PK
2	5150	24.08	16.25	40.33	54.00	13.67	PASS	Vertical	AV

EUT_Name		Test_Model	
Test_Mode	802.11 a Transmitting	Test_Frequency	5745MHz
Tset_Engineer	chenjun	Test_Date	2025/06/25
Remark	21.3°C 57.9% /		

Test Graph

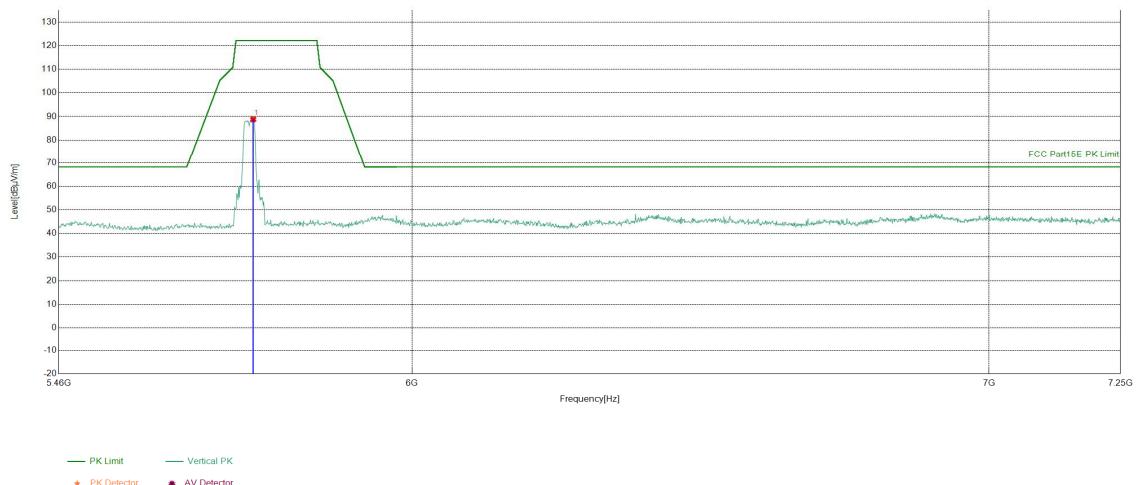


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5749.2296	-5.27	101.26	95.99	122.20	26.21	PASS	Horizontal	PK

EUT_Name		Test_Model	
Test_Mode	802.11 a Transmitting	Test_Frequency	5745MHz
Tset_Engineer	chenjun	Test_Date	2025/06/25
Remark	21.3°C 57.9%		

Test Graph

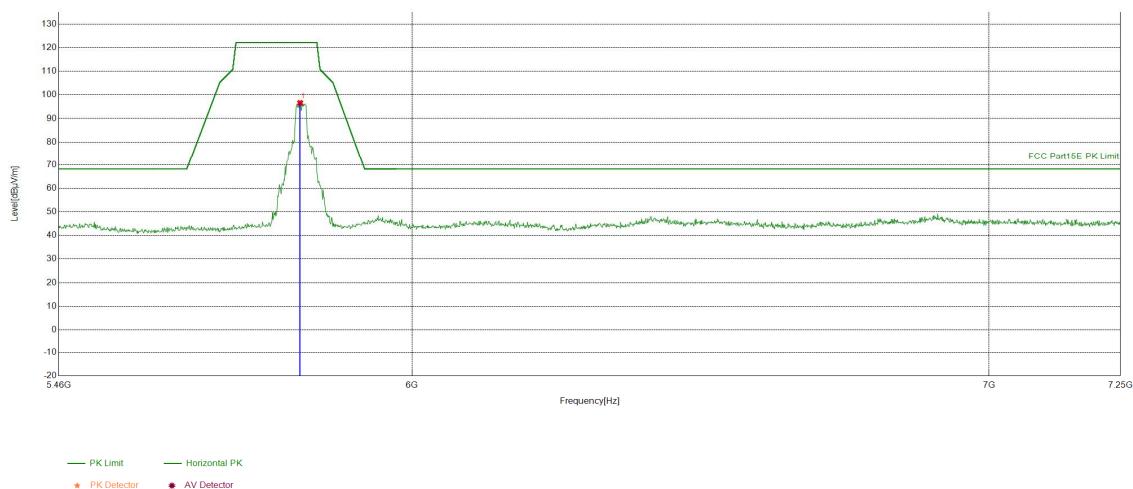


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	5751.0205	-5.25	94.02	88.77	122.20	33.43	PASS	Vertical	PK

EUT_Name		Test_Model	
Test_Mode	802.11 a Transmitting	Test_Frequency	5825MHz
Tset_Engineer	chenjun	Test_Date	2025/06/25
Remark	21.3°C 57.9% /		

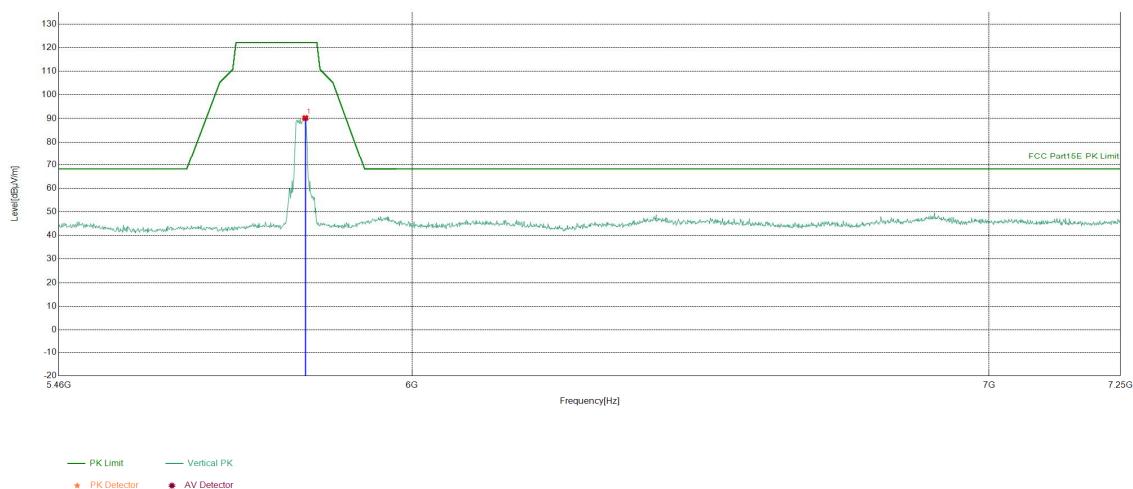
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5823.5518	-5.28	101.88	96.60	122.20	25.60	PASS	Horizontal	PK

EUT_Name		Test_Model	
Test_Mode	802.11 a Transmitting	Test_Frequency	5825MHz
Tset_Engineer	chenjun	Test_Date	2025/06/25
Remark	21.3°C 57.9% /		

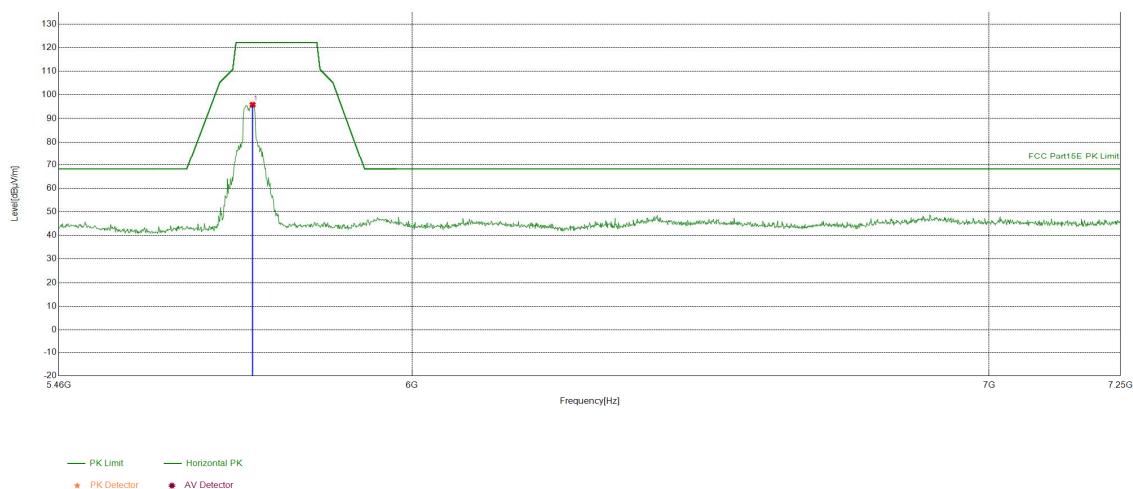
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5831.6108	-5.21	95.39	90.18	122.20	32.02	PASS	Vertical	PK

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	5745MHz
Tset_Engineer	chenjun	Test_Date	2025/06/25
Remark	21.3°C 57.9%		

Test Graph

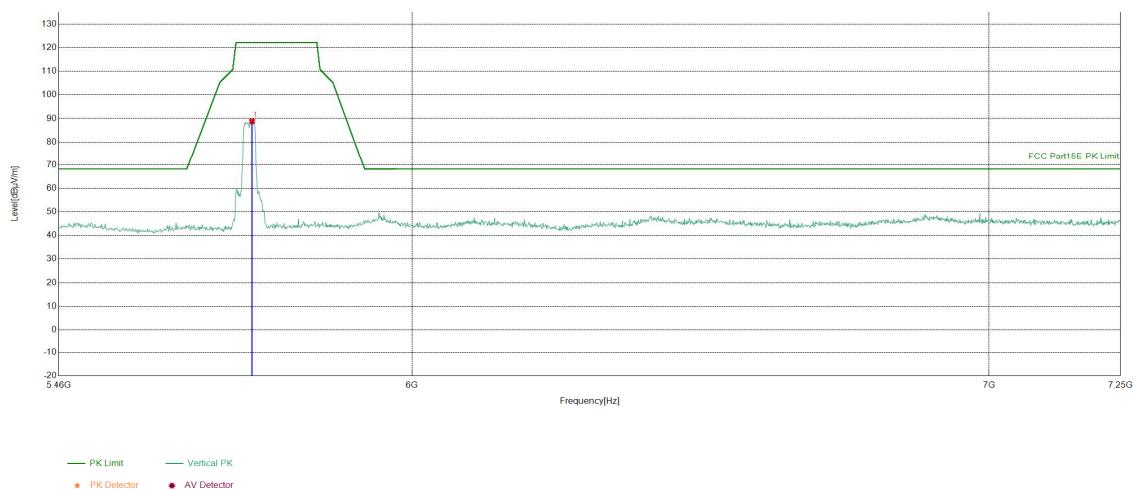


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dB μ V]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Result	Polarity	Remark
1	5750.1251	-5.24	101.09	95.85	122.20	26.35	PASS	Horizontal	PK

EUT_Name		Test_Model	
Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	5745MHz
Tset_Engineer	chenjun	Test_Date	2025/06/25
Remark	21.3°C 57.9%		

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5749.2296	-5.27	94.06	88.79	122.20	33.41	PASS	Vertical	PK