

TEST REPORT

Product : Aikri6490
Trade mark : N/A
Model/Type reference : Aikri-64X-90AS-8-LGA,
Aikri-64X-90LS-8-LGA
Serial Number : N/A
FCC ID : 2ATUP-QCS6490LGA
Report Number : EED32R81335406
Date of Issue : Dec. 12, 2025
Test Standards : FCC 47 CFR Part 15, Subpart E
Test result : PASS

Prepared for:

elinfochips Inc

**181 Metro Drive, Suite 170, San Jose California United States,
ZIP Code: 95110**

Prepared by:

**Centre Testing International Group Co., Ltd.
Hongwei Industrial Zone, Bao'an 70 District,
Shenzhen, Guangdong, China**

TEL: +86-755-3368 3668

FAX: +86-755-3368 3385

Compiled by:

Frazer Li

Frazer Li

Reviewed by:

Keven Tan

Keven Tan

Approved by:

Aaron Ma

Aaron Ma

Date:

Dec. 12, 2025



Check No.: 4529300725

1 Test Summary

Test Item	FCC Rule No.	Test Requirements	Result
Antenna Requirement	15.203/15.407(a)	--	PASS
AC Power Line Conducted Emissions	15.407(b)(8)	< FCC 15.207 limits	PASS
Duty Cycle	--	No limit.	Reporting only
Maximum Output Power	15.407(a)(8)	< 24dBm over the frequency band of Operation, e.i.r.p.	PASS
26dB Emission Bandwidth	15.407(a)(10)	The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.	PASS
99% Occupied Bandwidth	2.1049	No limit.	Reporting only
Maximum Power Spectral Density	15.407(a)(8)	< -1dBm/MHz e.i.r.p.	PASS
In-Band Emissions	15.407(b)(6)	EUT must meet the limits detailed in 15.407(b)(6)	PASS
Contention Based Protocol	15.407(d)(6)	EUT must detect AWGN signal with 90% (or better) certainty	PASS
Unwanted Emissions that fall Out of the Restricted Bands (Radiated)	15.407(b)(5)	< -27dBm/MHz e.i.r.p. outside of the 5.925 – 7.125GHz band	PASS
Unwanted Emissions in the Restricted Bands (Radiated)	15.205, 15.209	Emissions in restricted bands must meet the radiated limits detailed in 15.209	PASS

Remark:

Model No.: Aikri-64X-90AS-8-LGA, Aikri-64X-90LS-8-LGA

Only the model Aikri-64X-90AS-8-LGA was tested, Their electrical circuit design, layout, components used, and internal wiring are identical, Only the software version and model names are different. The mentioned Software versions are for two different Operating System. RF Tx power is same in both the Operating System.

No.	Model name	Software version	Operating System
1	Aikri-64X-90AS-8-LGA	QCS6490_AND.13.0.0.El.1.3.4	Android
2	Aikri-64X-90LS-8-LGA	QCS6490_QLI.1.2.0.El.1.1.0	Linux

Contents

1 Test Summary	2
2 General Information	4
2.1 Client Information	4
2.2 General Description of EUT	4
2.3 Test Environment and Mode	7
2.4 Description of Support Units	7
2.5 Test Location	7
2.6 Measurement Uncertainty (95% confidence levels, k=2)	8
3 Equipment List	9
4 Test results and Measurement Data	12
4.1 Antenna Requirement	12
4.2 AC Power Line Conducted Emissions	13
4.3 Duty Cycle	17
4.4 Conducted Output Power	18
4.5 26dB Emission Bandwidth	19
4.6 99% Occupied Bandwidth	20
4.7 Power Spectral Density	21
4.8 In-Band Emissions	22
4.9 Contention Based Protocol	23
4.10 Radiated Spurious Emissions	25
4.11 Restricted bands around fundamental frequency	27
Radiated Spurious Emissions	29
5 Appendix A	81
6 Photographs - Setup Photos	82
7 Photographs - EUT Constructional Details	84

2 General Information

2.1 Client Information

Applicant:	elnfochips Inc
Address of Applicant:	181 Metro Drive, Suite 170, San Jose California United States, ZIP Code: 95110
Manufacturer:	elnfochips Inc
Address of Manufacturer:	181 Metro Drive, Suite 170, San Jose California United States, ZIP Code: 95110

2.2 General Description of EUT

EUT Description:	Aikri6490														
Model No.:	Aikri-64X-90AS-8-LGA, Aikri-64X-90LS-8-LGA														
Test model No.:	Aikri-64X-90AS-8-LGA														
Trade Mark:	N/A														
IEEE 802.11 WLAN Mode Supported:	☒ 802.11a (20 MHz channel bandwidth) ☒ 802.11ax (20 MHz channel bandwidth) ☒ 802.11ax (40 MHz channel bandwidth) ☒ 802.11ax (80 MHz channel bandwidth) ☒ 802.11ax (160 MHz channel bandwidth)														
Operation Frequency:	UNII-5: 5925 MHz ~ 6425 MHz UNII-6: 6425 MHz ~ 6525 MHz UNII-7: 6525 MHz ~ 6875 MHz UNII-8: 6875 MHz ~ 7125 MHz														
Type of Modulation:	IEEE 802.11ax(HE20/HE40/HE80/HE160): OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM,1024QAM)														
FCC Classification:	6GHz Low Power Indoor Client (6XD)														
Antenna Type:	FPC Antenna														
Antenna Ports:	☒ Ant 1, ☒ Ant 2, ☐ Ant 3														
Smart System:	☒ SISO	802.11a/ax													
	☒ 2X2 MIMO	CDD: 802.11a/n/ac/ax: Tx & Rx													
		STBC: 802.11n/ac/ax: Tx & Rx													
		TXBF: 802.11n/ac/ax: Tx & Rx													
Antenna Gain*:	☐ Diversity	/													
	☒ Provided by client														
	ANT1: 6.11 dBi ANT2: 6.11 dBi Minimum Antenna Gain: 0dBi														
RF Cable*:	☒ Provided by client														
Note: This product offers two antenna models (FXP840.07.0055B and 1001932FT) for selection. The model (1001932FT) with the highest antenna gain for 6G is recorded in the report.															
<table><tr><td>No.</td><td>2.4G</td><td>5G</td><td>6G</td></tr><tr><td>FXP840.07.0055B</td><td>3.35 dBi</td><td>3.37 dBi</td><td>5.31 dBi</td></tr><tr><td>1001932FT</td><td>2.03 dBi</td><td>4.45 dBi</td><td>6.11 dBi</td></tr></table>				No.	2.4G	5G	6G	FXP840.07.0055B	3.35 dBi	3.37 dBi	5.31 dBi	1001932FT	2.03 dBi	4.45 dBi	6.11 dBi
No.	2.4G	5G	6G												
FXP840.07.0055B	3.35 dBi	3.37 dBi	5.31 dBi												
1001932FT	2.03 dBi	4.45 dBi	6.11 dBi												

Remark:

In FCC 15.31, for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table, and the selected channel to perform the test as below:

Frequency Range of Operation Operating Frequency Range (in each Band)	Number of Measurement Frequencies Required	Location of Measurement Frequency in Band of Operation
1 MHz or less	1	centre
1 MHz to 10 MHz	2	1 near high end, 1 near low end
Greater than 10 MHz	3	1 near high end, 1 near centre, 1 near low end

For UNII-5:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/ax 20MHz	The Lowest channel	5955
	The Middle channel	6175
	The Highest channel	6415
IEEE 802.11ax 40MHz	The Lowest channel	5965
	The Middle channel	6165
	The Highest channel	6405
IEEE 802.11ax 80MHz	The Lowest channel	5985
	The Middle channel	6145
	The Highest channel	6385
IEEE 802.11ax160MHz	The Lowest channel	6025
	The Middle channel	6185
	The Highest channel	6345

For UNII-6:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/ax 20MHz	The Lowest channel	6435
	The Middle channel	6475
	The Highest channel	6515
IEEE 802.11ax 40MHz	The Lowest channel	6445
	The Highest channel	6485
	Straddle	6525
IEEE 802.11ax 80MHz	The Middle channel	6465
	Straddle	6545
IEEE 802.11ax160MHz	Straddle	6505

For UNII-7:		
Mode	Channel	Frequency(MHz)
IEEE 802.11a/ax 20MHz	The Lowest channel	6535
	The Middle channel	6695
	The Highest channel	6855
IEEE 802.11ax 40MHz	Straddle	6875
	The Lowest channel	6565
	The Middle channel	6685
	The Highest channel	6845
IEEE 802.11ax 80MHz	The Lowest channel	6625
	The Middle channel	6705
	The Highest channel	6785
	Straddle	6865
IEEE 802.11ax160MHz	The Middle channel	6665
	Straddle	6825

For UNII-8:		
Mode	Channel	Frequency(MHz)
IEEE 802.11a/ax 20MHz	The Lowest channel	6895
	The Middle channel	6995
	The Highest channel	7115
IEEE 802.11ax 40MHz	Straddle	6885
	The Lowest channel	6925
	The Middle channel	6965
	The Highest channel	7085
IEEE 802.11ax 80MHz	The Lowest channel	6945
	The Highest channel	7025
IEEE 802.11ax160MHz	The Middle channel	6985

2.3 Test Environment and Mode

Environment Parameter	101.0 kPa Selected Values During Tests	
Relative Humidity	22-25 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22	3.7
LTNV	-25	3.7
HTNV	85	3.7
Remark: NV: Normal Voltage NT: Normal Temperature LT: Low Extreme Test Temperature HT: High Extreme Test Temperature		

2.4 Description of Support Units

Description	Manufacturer	Model No.
Netbook	Dell	P77F
Remark: all above the information of table are provided by client.		

2.5 Test Location

Company:	Centre Testing International Group Co., Ltd
Address:	Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China
Telephone:	+86 (0) 755 33683668
Fax:	+86 (0) 755 33683385
Test Facility:	FCC Designation No.: CN1164

2.6 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-40GHz)
3	Radiated Spurious emission test	3.3dB (9kHz-30MHz)
		4.3dB (30MHz-1GHz)
		4.5dB (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%

3 Equipment List

RF test system					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Spectrum Analyzer	Keysight	N9010A	MY54510339	12-05-2024	12-04-2025
Signal Generator	Keysight	N5182B	MY53051549	11-30-2024	11-29-2025
DC Power	Keysight	E3642A	MY56376072	11-30-2024	11-29-2025
Communication test set	R&S	CMW500	169004	03-03-2025	03-02-2026
RF control unit(power unit)	JS Tonscend	JS0806-2	22G8060592	07-20-2025	07-19-2026
Wi-Fi 7GHz Band Extender	JS Tonscend	TS-WF7U2	2206200002	05-12-2025	05-11-2026
High-low temperature test chamber	Dong Guang Qin Zhuo	LK-80GA	QZ20150611879	11-30-2024	11-29-2025
Temperature/ Humidity Indicator	biaozhi	HM10	1804186	05-26-2025	05-25-2026
BT&WI-FI Automatic test software	JS Tonscend	JS1120-3	V3.3.20	---	---
Spectrum Analyzer	R&S	FSV3044	101509	02-14-2025	02-13-2026

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	06-18-2024 06-07-2025	06-17-2025 06-06-2026
ISN	TESEQ	ISN T800	30297	12-05-2024	12-04-2025

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	06-29-2025	06-28-2026
Preamplifier	EMCI	EMC001330	980563	03-03-2025	03-02-2026
Preamplifier	Tonscend	TAP-011858	AP21B806112	07-07-2025	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-KMKM-3.00M	393493-0001	01-09-2024	01-08-2027

4 Test results and Measurement Data

4.1 Antenna Requirement

Standard requirement:	47 CFR Part 15 Section 15.203
The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna 1 is 6.11dBi. The best case gain of the antenna 2 is 6.11dBi.	

Cyclic Delay Diversity (CDD) System:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

Basic methodology with NANT transmit antennas, each with the same directional gain GANT dBi, being driven by NANT transmitter outputs of equal power. Directional gain is to be computed as follows:

☒ (1) *If any transmit signals are correlated with each other,*

Directional gain = $GANT + 10 \log(NANT)$ dBi

☐ (2) *If any transmit signals are uncorrelated with each other,*

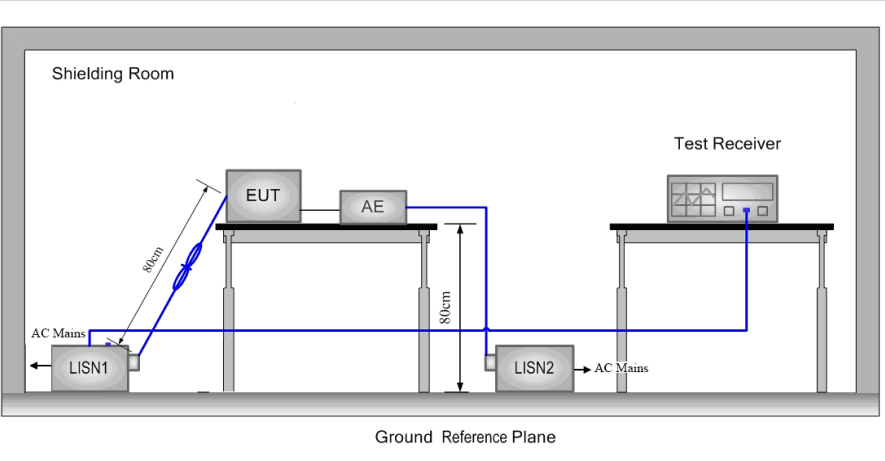
Directional gain = GANT

The Power and PSD limit should be modified if the directional gain of eut is over 6dbi.

The EUT supports CDD System.
All antennas have the same gain:

ANT Gain1 (dBi)	ANT Gain2 (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
6.11	6.11	9.12	9.12	3.12	3.12

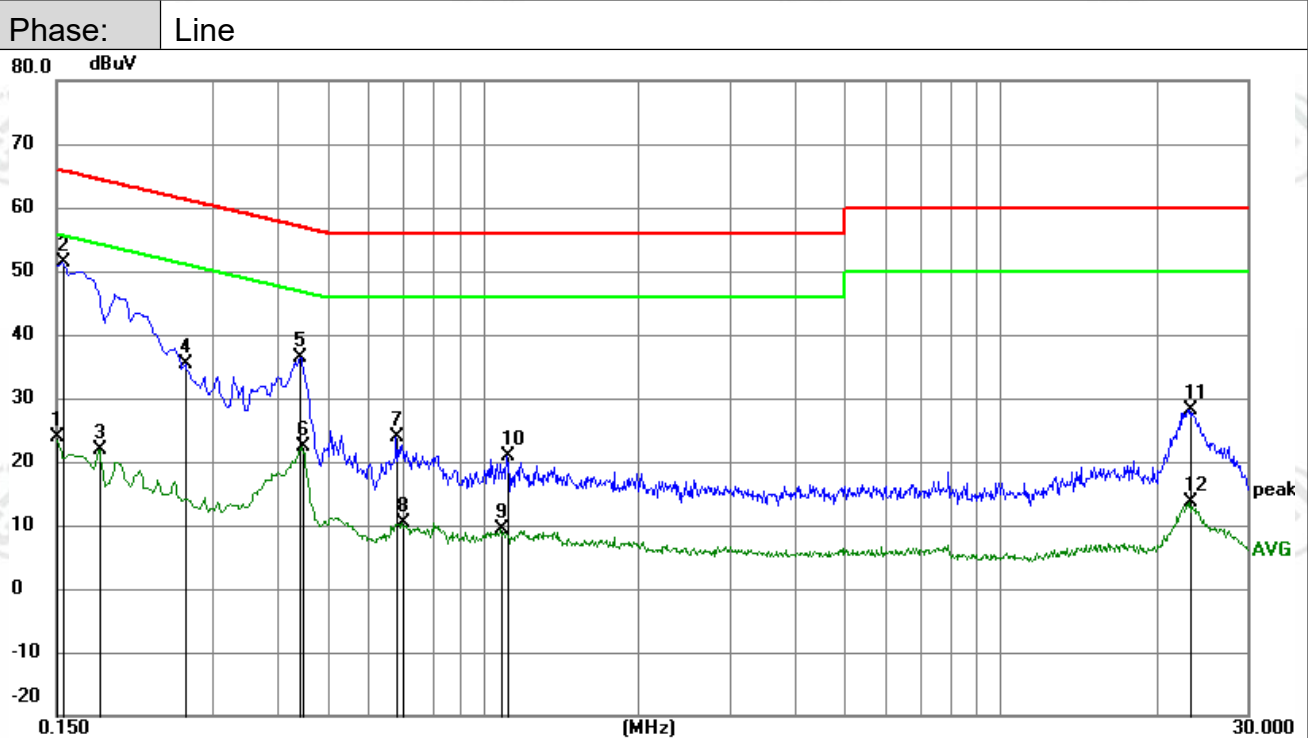
4.2 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10 :2020 Section 6.2		
Test Frequency Range:	150kHz to 30MHz		
Receiver Setup:	RBW = 9kHz, VBW = 30kHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test Procedure:	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 :2020 on conducted measurement.		
Test Setup:			

Exploratory Test Mode:	Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case. Only the worst case (UNII-5) is recorded in the report.
Instruments Used:	Refer to section 4 for details
Test Results:	Pass

Measurement Data

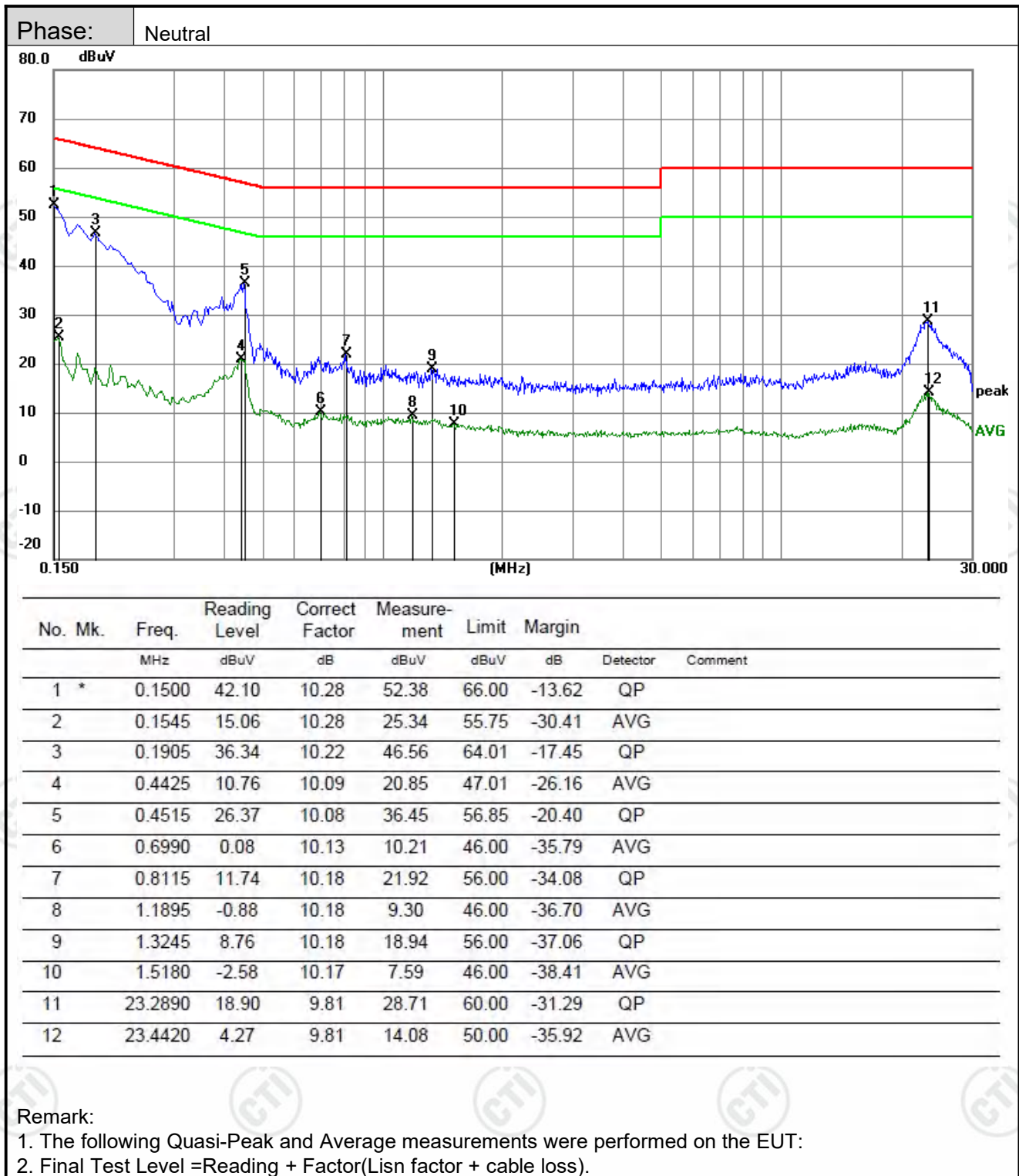
An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV	dBuV	dB		
1		0.1500	13.62	10.28	23.90	56.00	-32.10	AVG	
2	*	0.1545	41.19	10.28	51.47	65.75	-14.28	QP	
3		0.1815	11.60	10.24	21.84	54.42	-32.58	AVG	
4		0.2670	25.17	10.16	35.33	61.21	-25.88	QP	
5		0.4425	26.39	10.09	36.48	57.01	-20.53	QP	
6		0.4470	12.19	10.09	22.28	46.93	-24.65	AVG	
7		0.6809	13.73	10.12	23.85	56.00	-32.15	QP	
8		0.6990	0.37	10.13	10.50	46.00	-35.50	AVG	
9		1.0859	-0.72	10.18	9.46	46.00	-36.54	AVG	
10		1.1130	10.76	10.18	20.94	56.00	-35.06	QP	
11		23.2125	18.34	9.81	28.15	60.00	-31.85	QP	
12		23.2125	3.87	9.81	13.68	50.00	-36.32	AVG	

Remark:

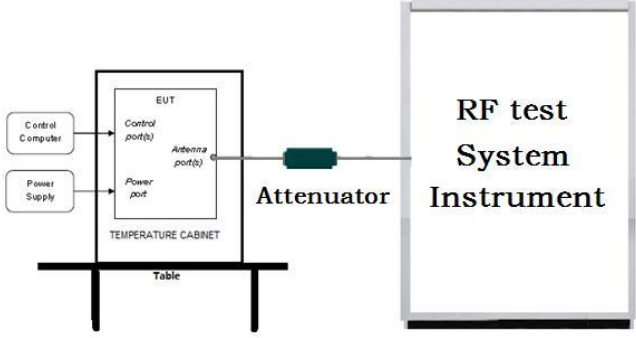
1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level = Reading + Factor(Lin factor + cable loss).



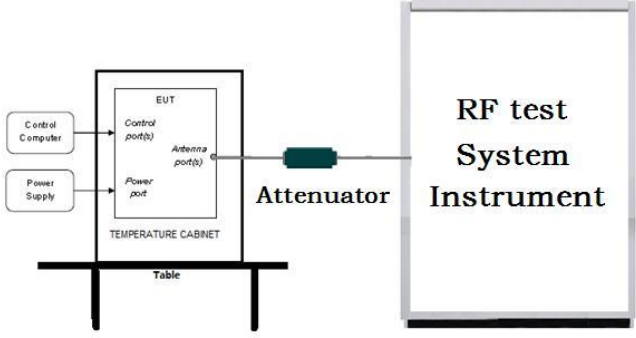
4.3 Duty Cycle

The detailed test data see: **Appendix**

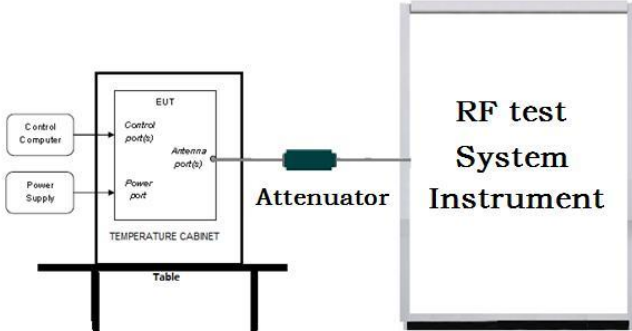
4.4 Conducted Output Power

Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10 :2020 Section 11.9.2.3
Test Setup:	 * Test with power meter (Detector function: Peak)
Test Instruments:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Limit:	For client devices operating under the control of an indoor access point in the 5.925-7.125GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.
Test Results:	Pass
The detailed test data see: Appendix	

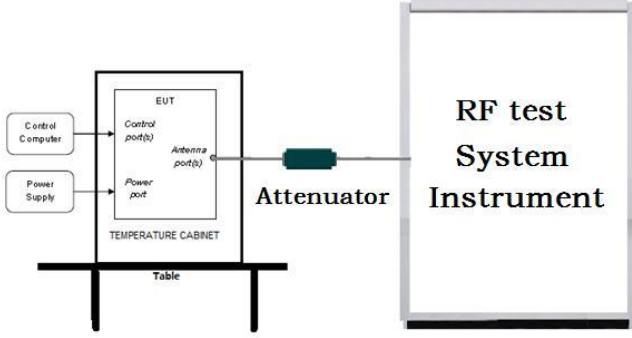
4.5 26dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(a), KDB 789033 D02
Test Method:	ANSI C63.10 :2020 Section 11.8 Option 2
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Limit:	The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.
Test Results:	Pass
The detailed test data see: Appendix	

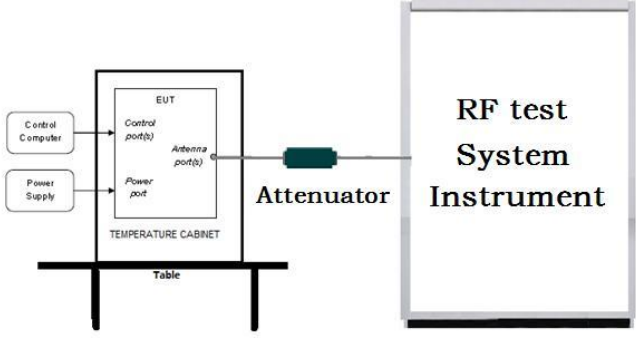
4.6 99% Occupied Bandwidth

Test Requirement:	KDB 789033 D02§ D
Test Method:	ANSI C63.10 :2020 Section 6.9.3
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Limit:	The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.
Test Results:	Pass
The detailed test data see: Appendix	

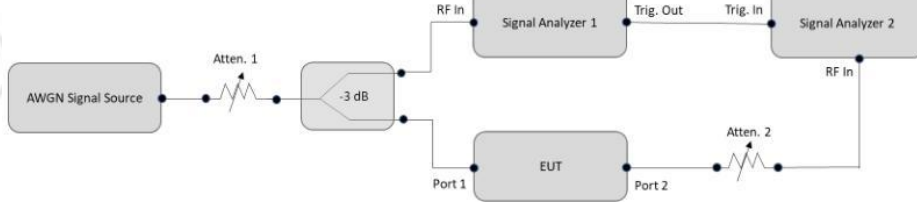
4.7 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)
Test Method:	ANSI C63.10 :2020 Section 11.10.2 KDB 789033 D02 v02r01, Section F.
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Limit:	For client devices operating under the control of an indoor access point in the 5.925-7.125GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band.
Test Results:	Pass
The detailed test data see: Appendix	

4.8 In-Band Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)(6)
Test Method:	KDB 987594 D02 U-NII 6GHz EMC Measurement v01
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Limit:	For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.
Test Results:	Pass
The detailed test data see: Appendix	

4.9 Contention Based Protocol

Test Requirement:	47 CFR Part 15 Section 15.407(d)
Test Method:	ANSI C63.10 :2020 KDB 987594 D02 U-NII 6GHz EMC Measurement v01
Test Setup:	
Instruments Used:	Refer to section 6 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Test Procedure:	1) Configure the EUT to transmit with a constant duty cycle. 2) Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth. 3) Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver. 4) Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two. 5) Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10MHz AWGN signal relative to the EUT's channel bandwidth and center frequency. 6) Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2. 7) Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1. 8) Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting. 9) (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty. 10) Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.
Limit:	Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy

	throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.
Test Results:	Pass
The detailed test data see: Appendix	

4.10 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.205 and 15.209
Test Method:	ANSI C63.10 :2020 Section 6.4 / 6.5 / 6.6
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)
Test frequency:	9kHz ~ 40GHz(or 10 Harmonic)
Test Setup:	

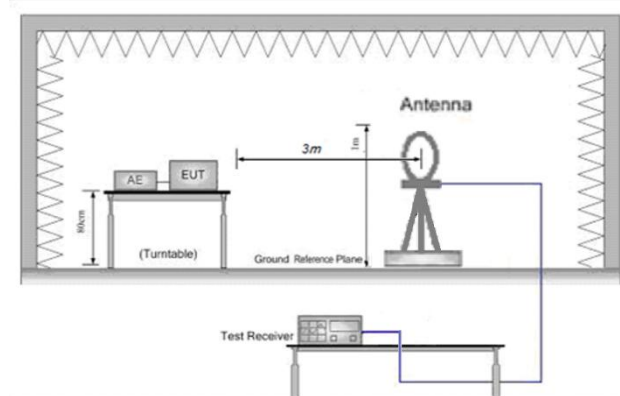


Figure 1. 9kHz to 30MHz

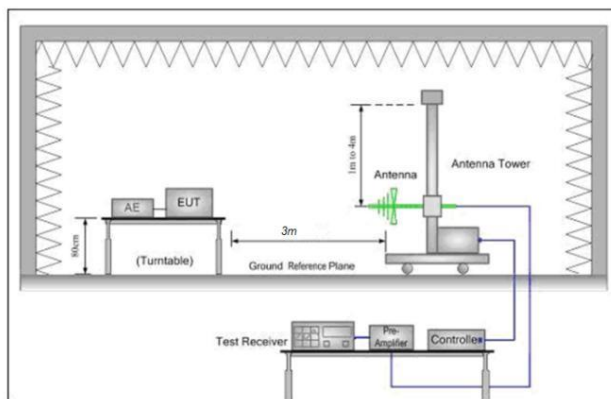


Figure 1. 30MHz to 1GHz

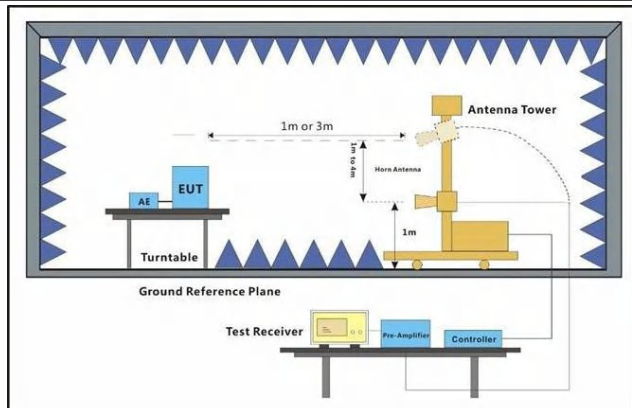
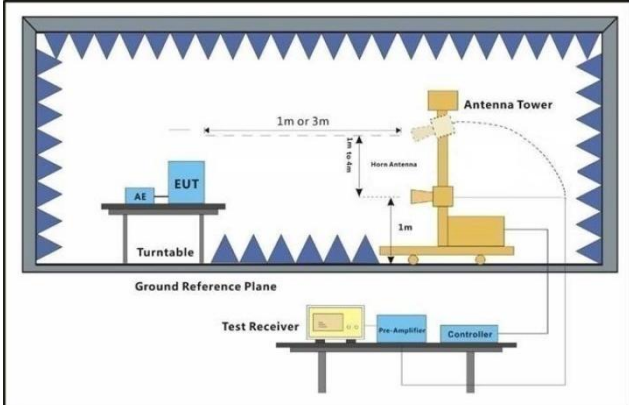


Figure 2. Above 1 GHz

Test Procedure:	- For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - For above 1GHz test, 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 (Distance from antenna to EUT is 1m for measurements >18GHz). - The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - 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. - 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.
-----------------	---

	f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete. j. The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported k. The disturbance above 18GHz was very low, and the harmonics were the highest point could be found when testing, so only the harmonics had been displayed. l. At a measurement distance of 1 meter the limit line was increased by $20 \times \text{LOG}(3/1) = 9.54 \text{ dB}$.
Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW $\geq 3 \text{ MHz}$ • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW $\geq [3 \times \text{RBW}]$ • Detector = RMS (power averaging), if $\text{span} / (\# \text{ of points in sweep}) \leq (\text{RBW} / 2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak. • Sweep time = auto • Perform a trace average of at least 100 traces. Value = Reading + Factor(Antenna Factor + Cable loss – Preamplifier Factor).
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Instruments Used:	Refer to section 4 for details
Test Results:	Pass

4.11 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10 :2020 Section 11.12		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m)	Remark
	30MHz-88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1GHz	54.0	Quasi-peak
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			
Test Procedure:	- The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - 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. - 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. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel - Test the EUT in the outermost channels. - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.		
Test Configuration:	Measurements Below 1000MHz • RBW = 120 kHz		

	• VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW ≥ 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW ≥ [3 *RBW] • Detector = RMS (power averaging), if span / (# of points in sweep) ≤ (RBW / 2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak. • Sweep time = auto • Perform a trace average of at least 100 traces. Value = Reading + Factor(Antenna Factor + Cable loss).
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11ax(HE20). MCS0 of rate is the worst case of 802.11ax(HE40). MCS0 of rate is the worst case of 802.11ax(HE80). MCS0 of rate is the worst case of 802.11ax(HE160). Only the worst case is recorded in the report.
Instruments Used:	Refer to section 4 for details
Test Results:	Pass

Radiated Spurious Emissions

Remark: During the test, the Radiates Emission from 1GHz to 40GHz was performed in all modes,, for 20MHz Occupied Bandwidth, 802.11 a mode was the worst case;

for 40MHz Occupied Bandwidth, 802.11 n(HT40) mode was the worst case;

for 80MHz Occupied Bandwidth, 802.11 ac(VHT80) mode was the worst case;

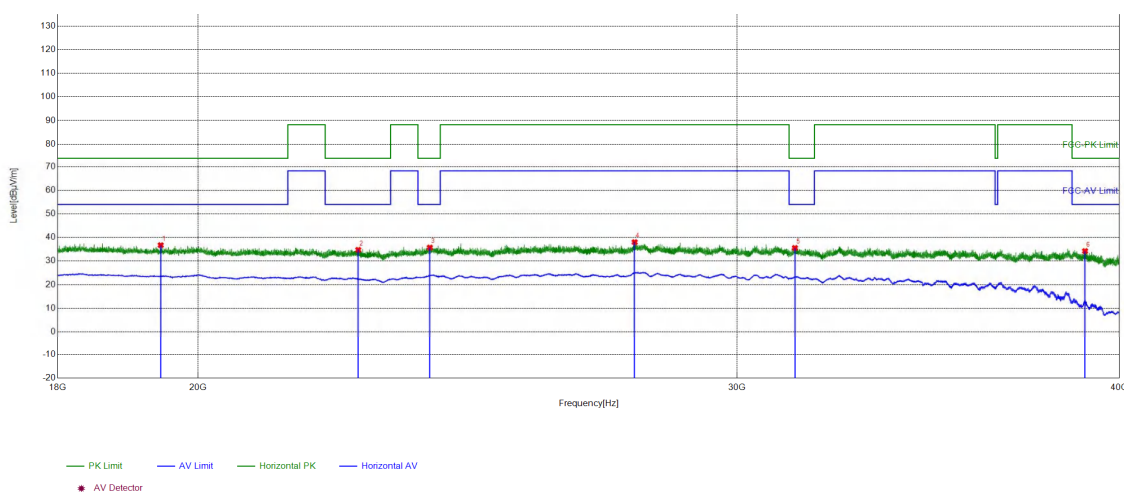
for 160MHz Occupied Bandwidth, 802.11 ax(HE160) mode was the worst case;

only the worst case (UNII-6) was in the report.

Transmitter emission Above 1GHz

Test_Mode	802.11 a Transmitting	Test_Frequency	6435Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

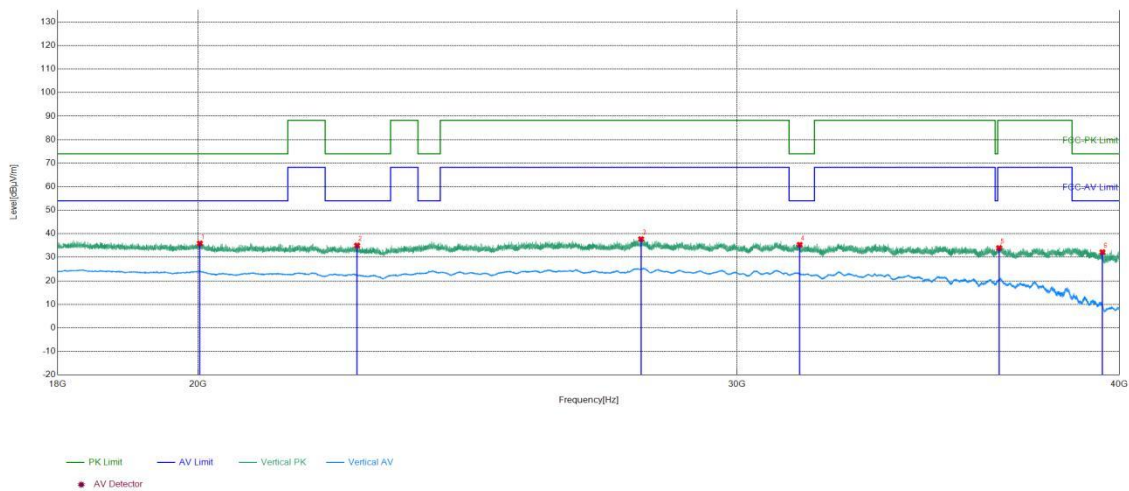


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19448.5379	-25.61	62.34	36.73	74.00	37.27	PASS	Horizontal	PK
2	22563.8626	-25.02	59.77	34.75	74.00	39.25	PASS	Horizontal	PK
3	23812.6325	-22.30	58.02	35.72	74.00	38.28	PASS	Horizontal	PK
4	27778.0711	-21.11	59.11	38.00	88.20	50.20	PASS	Horizontal	PK
5	31337.8135	-19.81	55.34	35.53	74.00	38.47	PASS	Horizontal	PK
6	38979.1592	-12.90	47.13	34.23	74.00	39.77	PASS	Horizontal	PK

Test_Mode	802.11 a Transmitting	Test_Frequency	6435Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

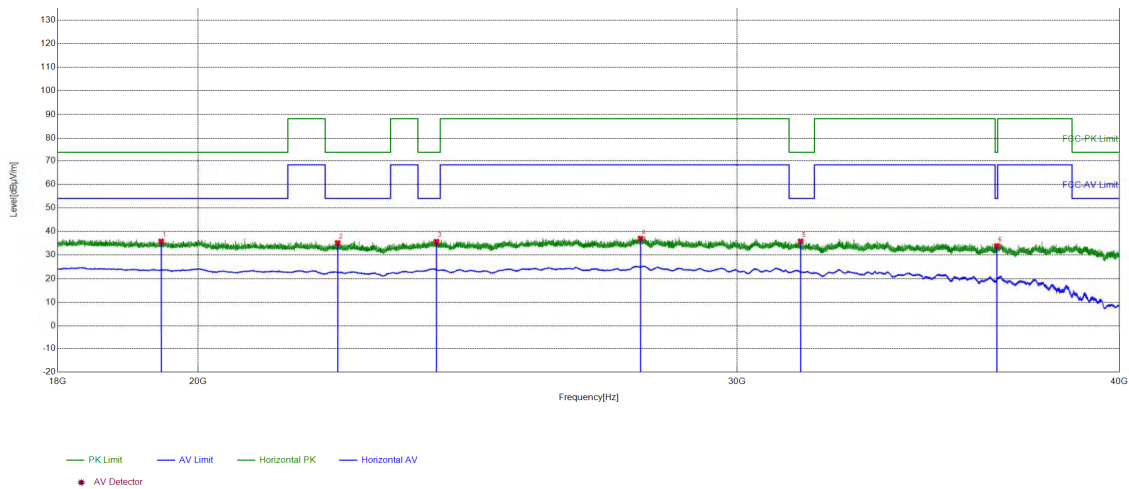


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	20029.3612	-24.75	60.64	35.89	74.00	38.11	PASS	Vertical	PK
2	22544.5018	-25.02	60.03	35.01	74.00	38.99	PASS	Vertical	PK
3	27913.5965	-21.14	58.86	37.72	88.20	50.48	PASS	Vertical	PK
4	31449.578	-19.69	55.02	35.33	74.00	38.67	PASS	Vertical	PK
5	36537.9415	-16.05	49.99	33.94	88.20	54.26	PASS	Vertical	PK
6	39493.9798	-13.89	46.03	32.14	74.00	41.86	PASS	Vertical	PK

Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	6455Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

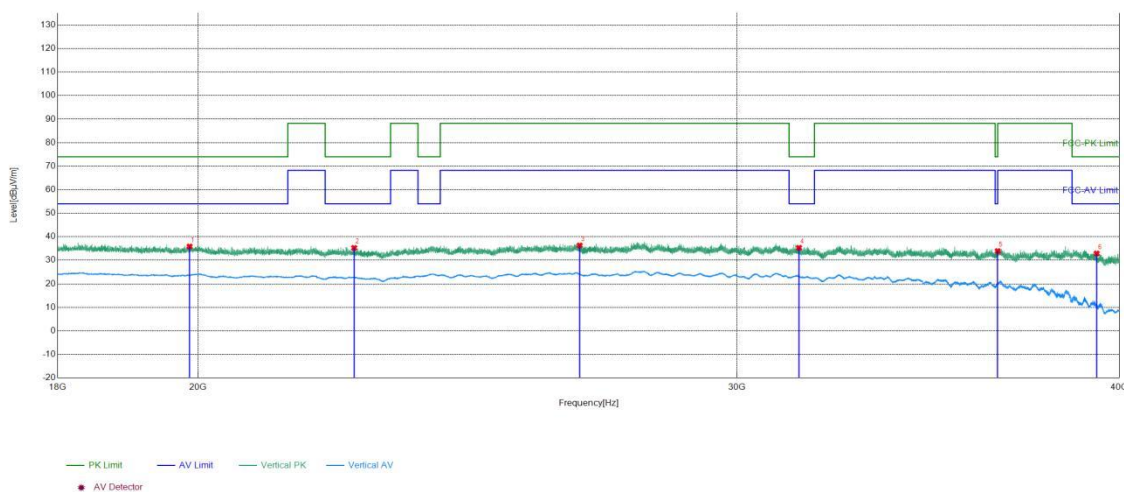


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19455.5782	-25.61	61.41	35.80	74.00	38.20	PASS	Horizontal	PK
2	22217.1287	-25.37	60.50	35.13	74.00	38.87	PASS	Horizontal	PK
3	23930.5572	-22.08	57.76	35.68	74.00	38.32	PASS	Horizontal	PK
4	27903.0361	-21.13	58.12	36.99	88.20	51.21	PASS	Horizontal	PK
5	31472.4589	-19.69	55.50	35.81	74.00	38.19	PASS	Horizontal	PK
6	36478.0991	-16.34	50.17	33.83	74.00	40.17	PASS	Horizontal	PK

Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	6455Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

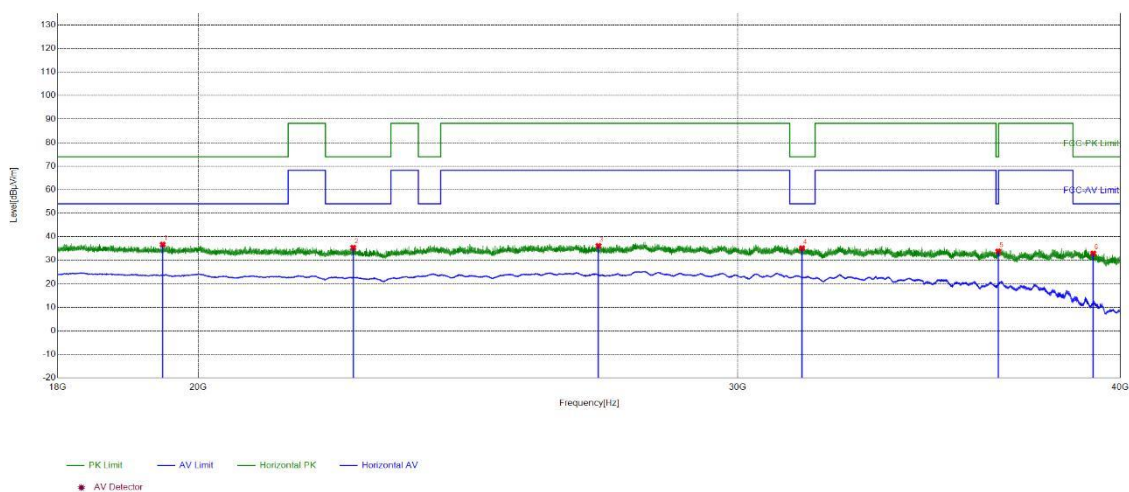


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19875.355	-25.00	60.84	35.84	74.00	38.16	PASS	Vertical	PK
2	22494.3398	-25.05	60.31	35.26	74.00	38.74	PASS	Vertical	PK
3	26653.3861	-21.23	57.52	36.29	88.20	51.91	PASS	Vertical	PK
4	31433.7373	-19.70	55.00	35.30	74.00	38.70	PASS	Vertical	PK
5	36501.8601	-16.23	50.15	33.92	88.20	54.28	PASS	Vertical	PK
6	39320.6128	-13.53	46.40	32.87	74.00	41.13	PASS	Vertical	PK

Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	6465Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

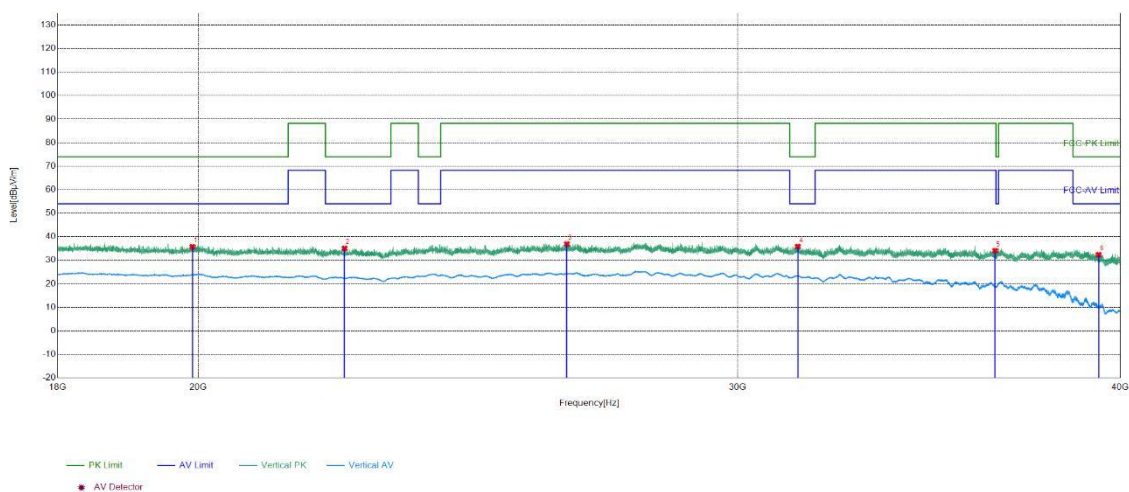


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19475.819	-25.60	62.30	36.70	74.00	37.30	PASS	Horizontal	PK
2	22473.2189	-25.07	60.41	35.34	74.00	38.66	PASS	Horizontal	PK
3	27023.0009	-21.84	57.95	36.11	88.20	52.09	PASS	Horizontal	PK
4	31490.0596	-19.68	54.81	35.13	74.00	38.87	PASS	Horizontal	PK
5	36493.9398	-16.26	50.03	33.77	74.00	40.23	PASS	Horizontal	PK
6	39193.8878	-12.86	45.76	32.90	74.00	41.10	PASS	Horizontal	PK

Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	6465Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

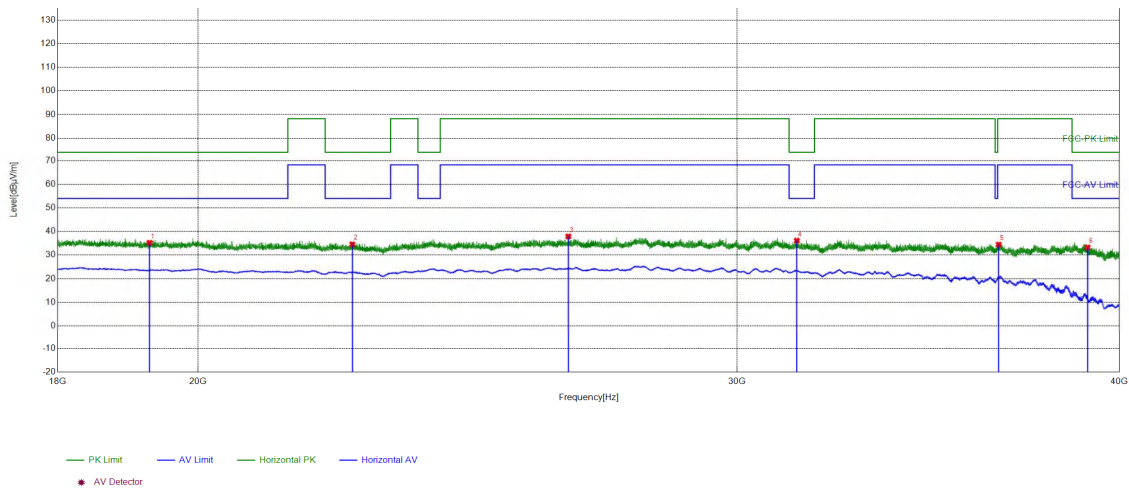


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19913.1965	-24.89	60.61	35.72	74.00	38.28	PASS	Vertical	PK
2	22327.1331	-25.21	60.24	35.03	74.00	38.97	PASS	Vertical	PK
3	26388.4955	-21.18	58.04	36.86	88.20	51.34	PASS	Vertical	PK
4	31387.9755	-19.74	55.57	35.83	74.00	38.17	PASS	Vertical	PK
5	36406.8163	-16.69	50.72	34.03	88.20	54.17	PASS	Vertical	PK
6	39353.1741	-13.72	46.06	32.34	74.00	41.66	PASS	Vertical	PK

Test_Mode	802.11ax(HE160)Transmitting	Test_Frequency	6505Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph

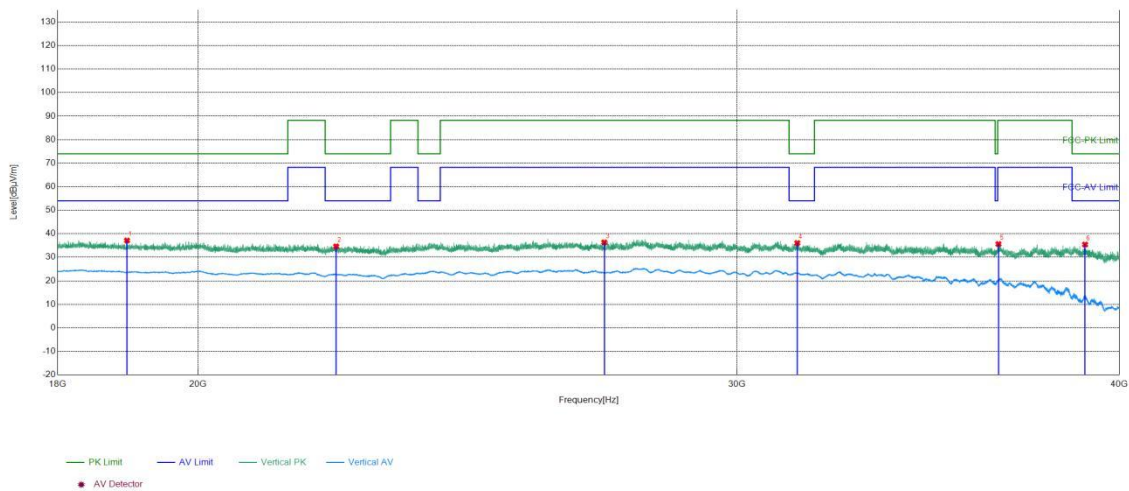


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	19285.7314	-25.87	61.06	35.19	74.00	38.81	PASS	Horizontal	PK
2	22464.4186	-25.07	59.62	34.55	74.00	39.45	PASS	Horizontal	PK
3	26427.2171	-21.17	59.07	37.90	88.20	50.30	PASS	Horizontal	PK
4	31382.6953	-19.75	55.86	36.11	74.00	37.89	PASS	Horizontal	PK
5	36527.3811	-16.11	50.55	34.44	88.20	53.76	PASS	Horizontal	PK
6	39053.9622	-12.86	46.08	33.22	74.00	40.78	PASS	Horizontal	PK

Test_Mode	802.11ax(HE160)Transmitting	Test_Frequency	6505Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/18
Remark	22.1°C50.8%/		

Test Graph



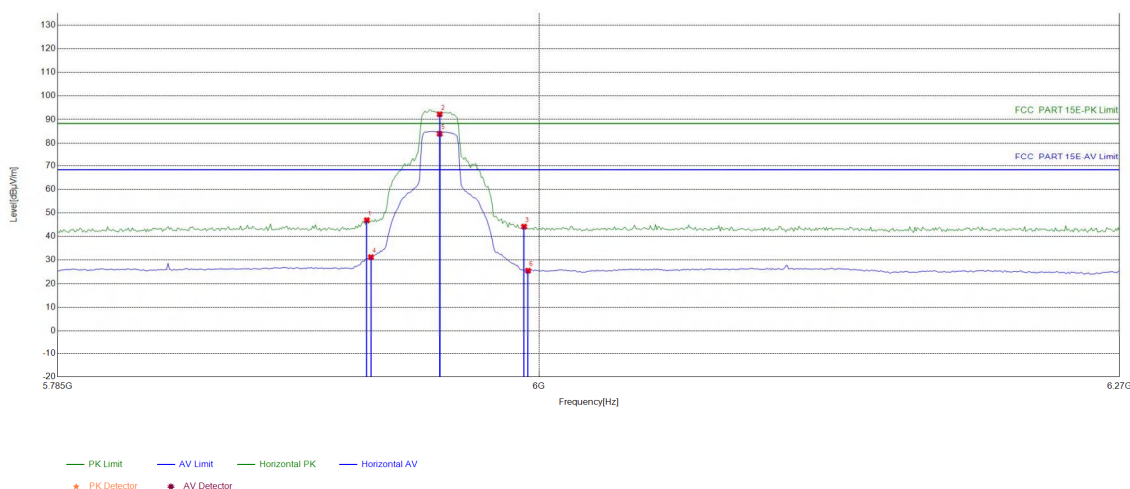
Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	18961.8785	-26.27	63.41	37.14	74.00	36.86	PASS	Vertical	PK
2	22192.4877	-25.41	60.04	34.63	74.00	39.37	PASS	Vertical	PK
3	27150.606	-21.89	58.20	36.31	88.20	51.89	PASS	Vertical	PK
4	31393.2557	-19.73	55.78	36.05	74.00	37.95	PASS	Vertical	PK
5	36522.1009	-16.13	51.75	35.62	88.20	52.58	PASS	Vertical	PK
6	38979.1592	-12.90	48.31	35.41	74.00	38.59	PASS	Vertical	PK

Restricted bands around fundamental frequency

Test_Mode	802.11 a Transmitting	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

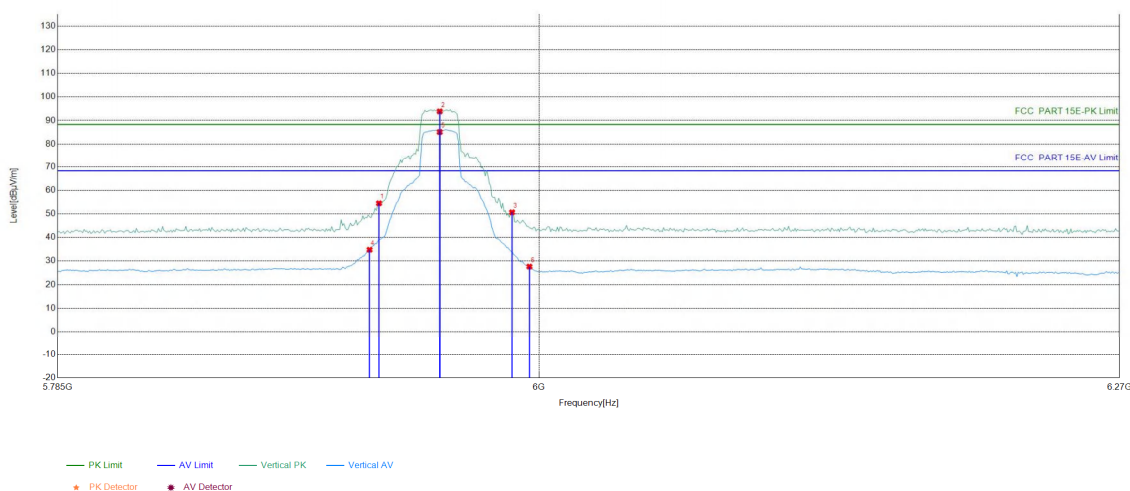


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5922.184	-5.74	52.63	46.89	88.30	41.41	PASS	Horizontal	PK
3	5993.204	-5.46	49.63	44.17	88.30	44.13	PASS	Horizontal	PK
4	5924.005	-5.74	36.95	31.21	68.30	37.09	PASS	Horizontal	AV
6	5995.025	-5.44	30.92	25.48	68.30	42.82	PASS	Horizontal	AV

Test_Mode	802.11 a Transmitting	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

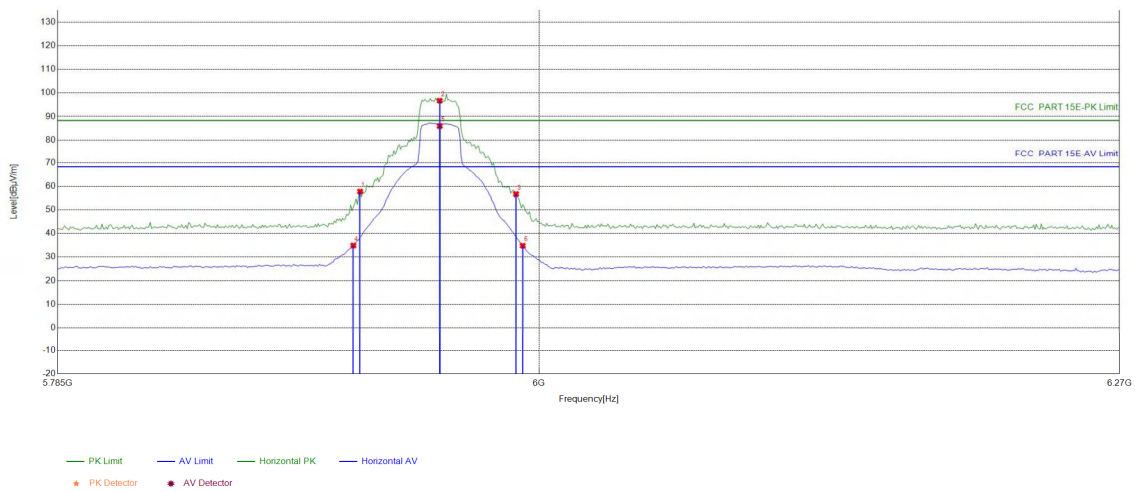


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5927.6471	-5.74	60.22	54.48	88.30	33.82	PASS	Vertical	PK
3	5987.7409	-5.49	56.15	50.66	88.30	37.64	PASS	Vertical	PK
4	5923.398	-5.74	40.53	34.79	68.30	33.51	PASS	Vertical	AV
6	5995.632	-5.44	33.09	27.65	68.30	40.65	PASS	Vertical	AV

Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

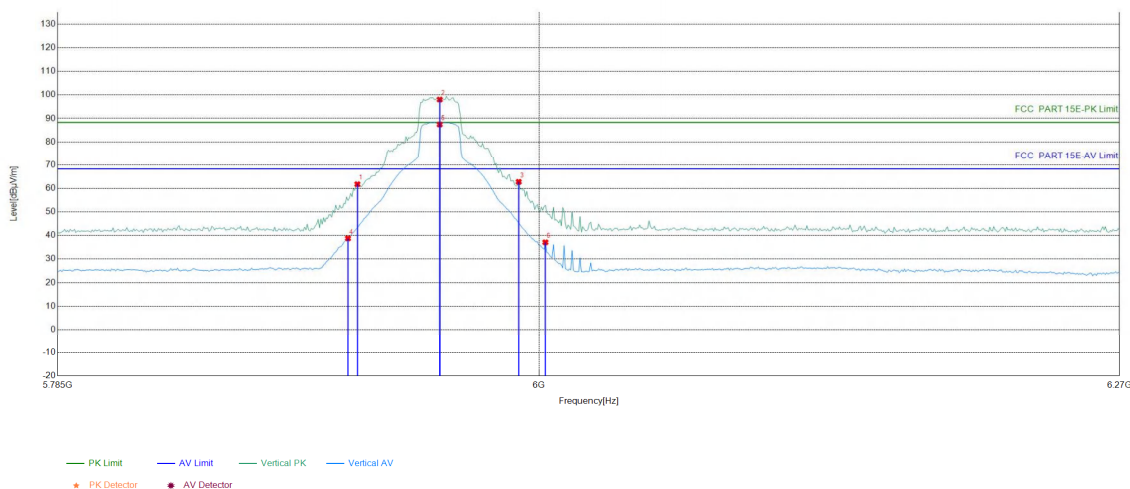
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5919.1489	-5.74	63.51	57.77	88.30	30.53	PASS	Horizontal	PK
3	5989.562	-5.48	62.21	56.73	88.30	31.57	PASS	Horizontal	PK
4	5916.1139	-5.76	40.66	34.90	68.30	33.40	PASS	Horizontal	AV
6	5992.597	-5.47	40.28	34.81	68.30	33.49	PASS	Horizontal	AV

Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

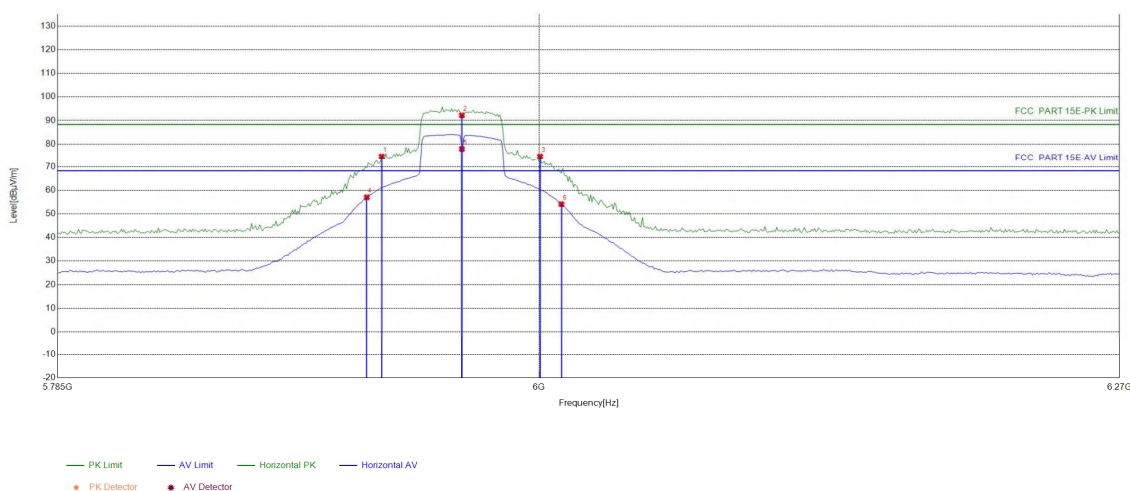


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5917.9349	-5.76	67.50	61.74	88.30	26.56	PASS	Vertical	PK
3	5990.776	-5.47	68.21	62.74	88.30	25.56	PASS	Vertical	PK
4	5913.6859	-5.76	44.54	38.78	68.30	29.52	PASS	Vertical	AV
6	6002.9161	-5.41	42.50	37.09	68.30	31.21	PASS	Vertical	AV

Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	5965Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

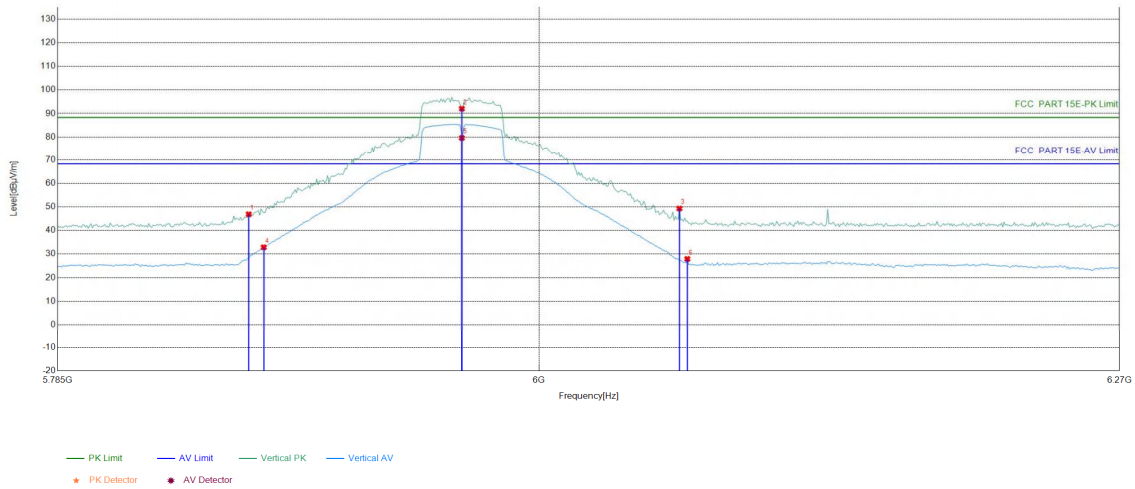


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5928.8611	-5.74	80.42	74.68	88.30	13.62	PASS	Horizontal	PK
3	6000.4881	-5.42	80.14	74.72	88.30	13.58	PASS	Horizontal	PK
4	5922.184	-5.74	62.77	57.03	68.30	11.27	PASS	Horizontal	AV
6	6010.2002	-5.39	59.51	54.12	68.30	14.18	PASS	Horizontal	AV

Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	5965Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

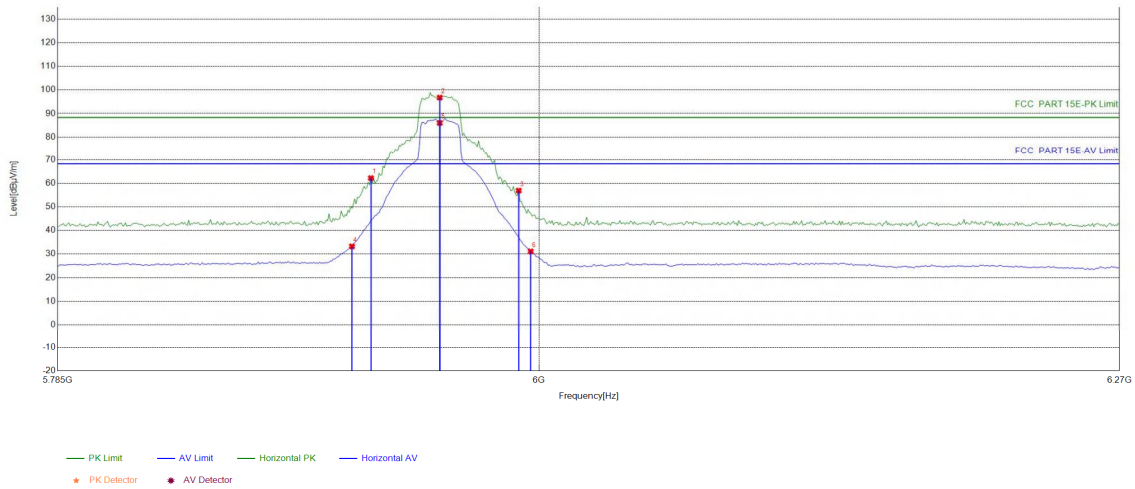
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5869.3742	-5.39	52.25	46.86	88.30	41.44	PASS	Vertical	PK
3	6064.224	-5.34	54.64	49.30	88.30	39.00	PASS	Vertical	PK
4	5876.0513	-5.48	38.35	32.87	68.30	35.43	PASS	Vertical	AV
6	6067.8661	-5.36	33.28	27.92	68.30	40.38	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT20) Transmitting	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

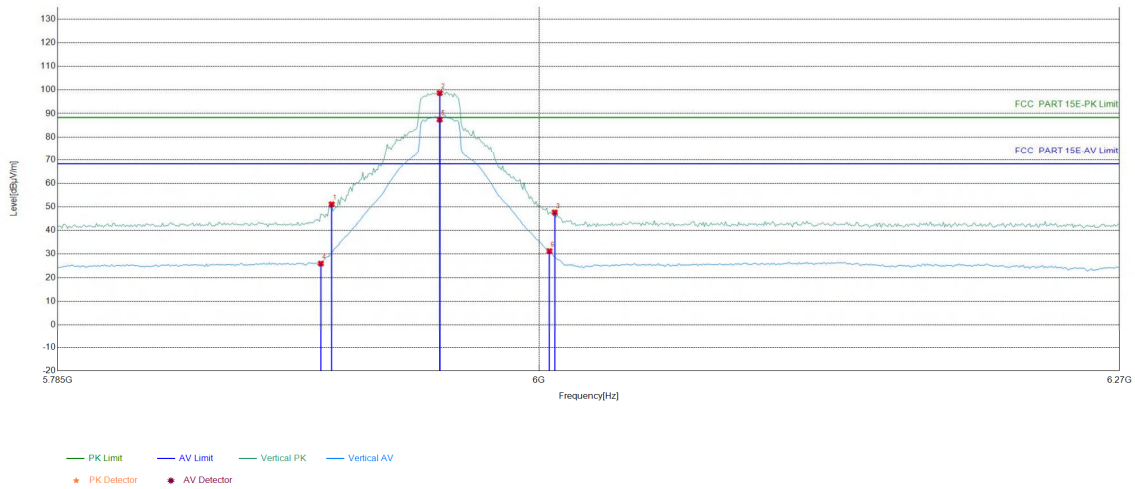


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5924.005	-5.74	67.91	62.17	88.30	26.13	PASS	Horizontal	PK
3	5990.776	-5.47	62.36	56.89	88.30	31.41	PASS	Horizontal	PK
4	5915.5069	-5.76	39.01	33.25	68.30	35.05	PASS	Horizontal	AV
6	5996.239	-5.44	36.56	31.12	68.30	37.18	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT20) Transmitting	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

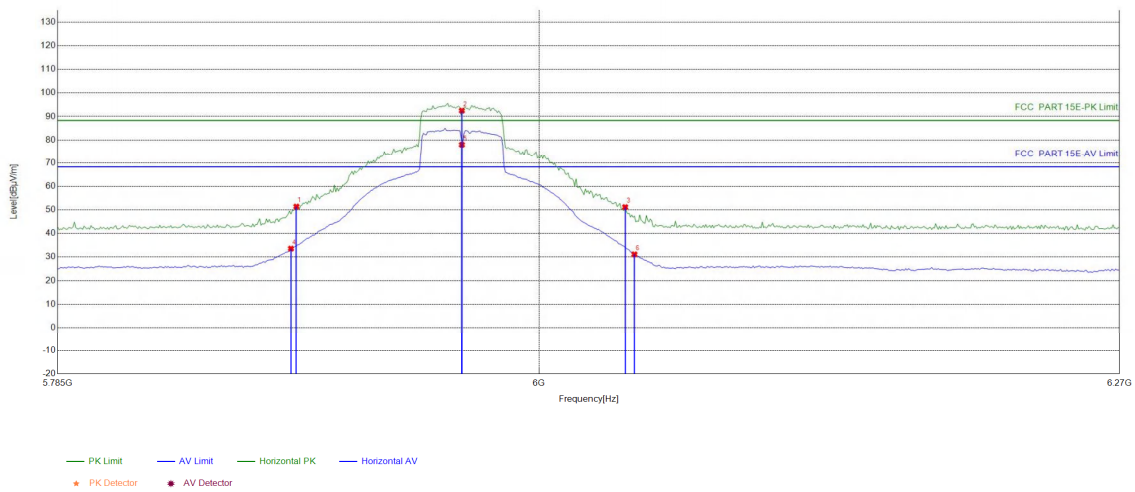


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5906.4018	-5.76	56.85	51.09	88.30	37.21	PASS	Vertical	PK
3	6007.1652	-5.40	53.07	47.67	88.30	40.63	PASS	Vertical	PK
4	5901.5457	-5.78	31.74	25.96	68.30	42.34	PASS	Vertical	AV
6	6004.7372	-5.40	36.65	31.25	68.30	37.05	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT40) Transmitting	Test_Frequency	5965Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

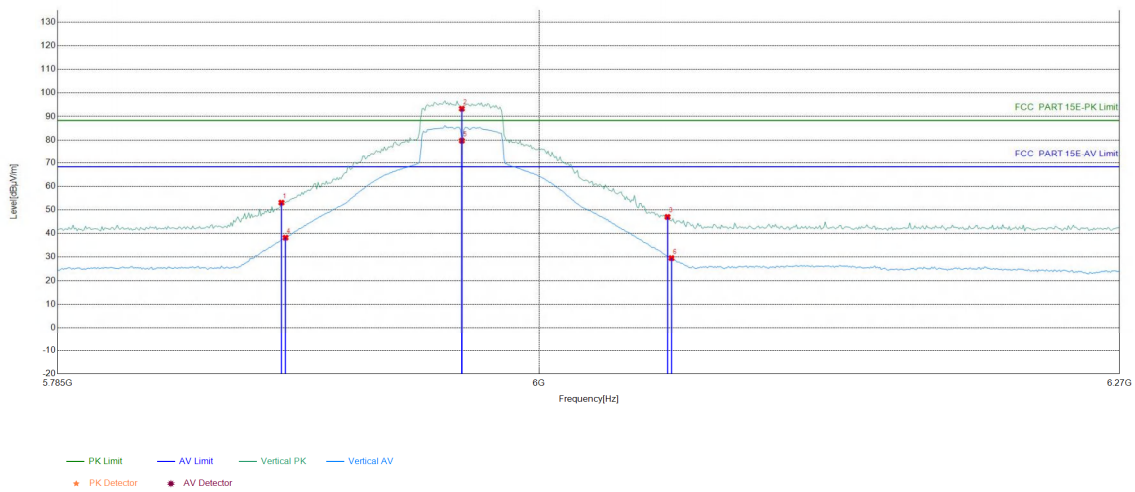
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5890.6195	-5.66	57.04	51.38	88.30	36.92	PASS	Horizontal	PK
3	6039.3367	-5.29	56.46	51.17	88.30	37.13	PASS	Horizontal	PK
4	5888.1915	-5.63	39.22	33.59	68.30	34.71	PASS	Horizontal	AV
6	6043.5857	-5.28	36.41	31.13	68.30	37.17	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT40) Transmitting	Test_Frequency	5965Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

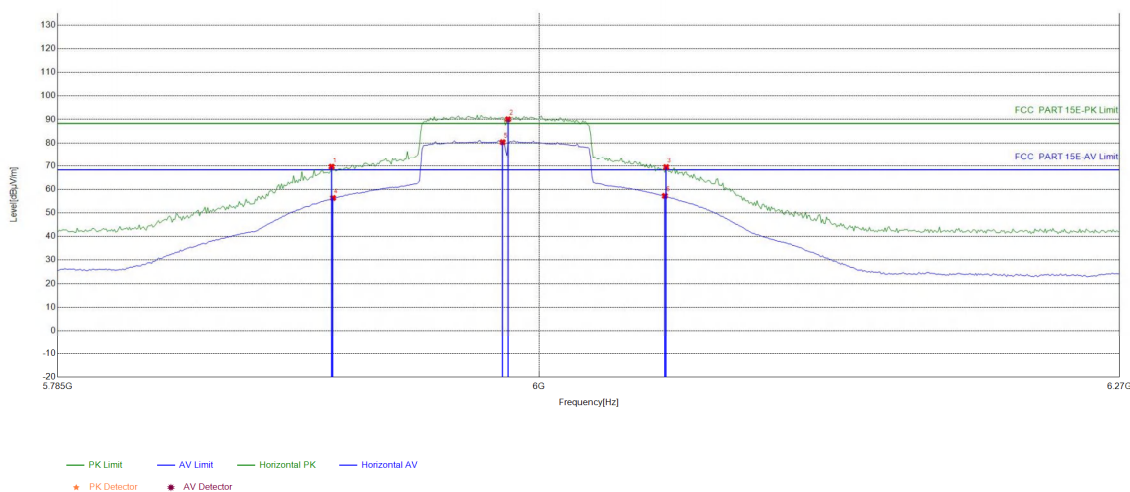
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5883.9424	-5.57	58.63	53.06	88.30	35.24	PASS	Vertical	PK
3	6058.761	-5.31	52.32	47.01	88.30	41.29	PASS	Vertical	PK
4	5885.7635	-5.60	43.80	38.20	68.30	30.10	PASS	Vertical	AV
6	6060.582	-5.33	34.88	29.55	68.30	38.75	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	5985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph

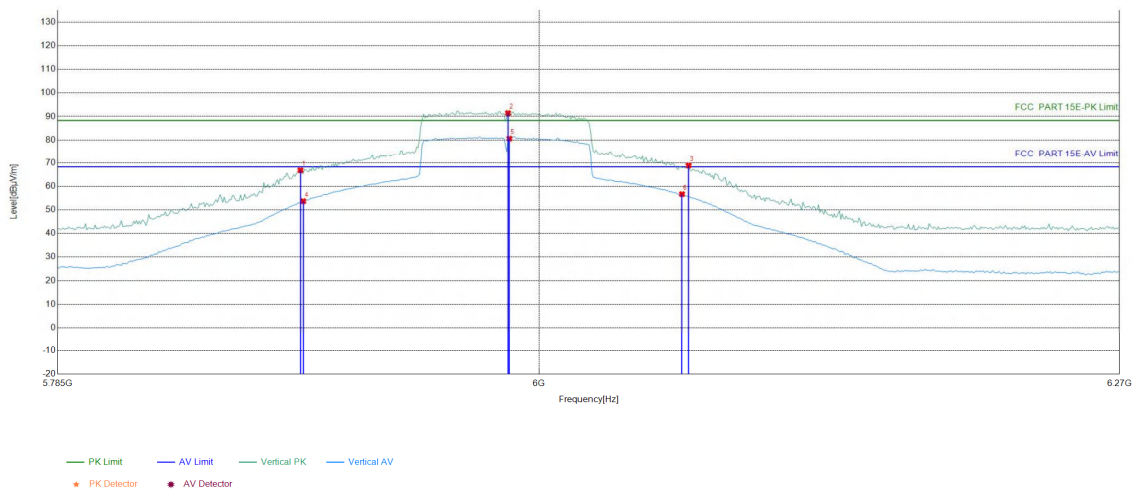


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5906.4018	-5.76	75.35	69.59	88.30	18.71	PASS	Horizontal	PK
3	6058.1539	-5.31	74.74	69.43	88.30	18.87	PASS	Horizontal	PK
4	5907.0088	-5.76	62.06	56.30	68.30	12.00	PASS	Horizontal	AV
6	6057.5469	-5.30	62.50	57.20	68.30	11.10	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	5985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph

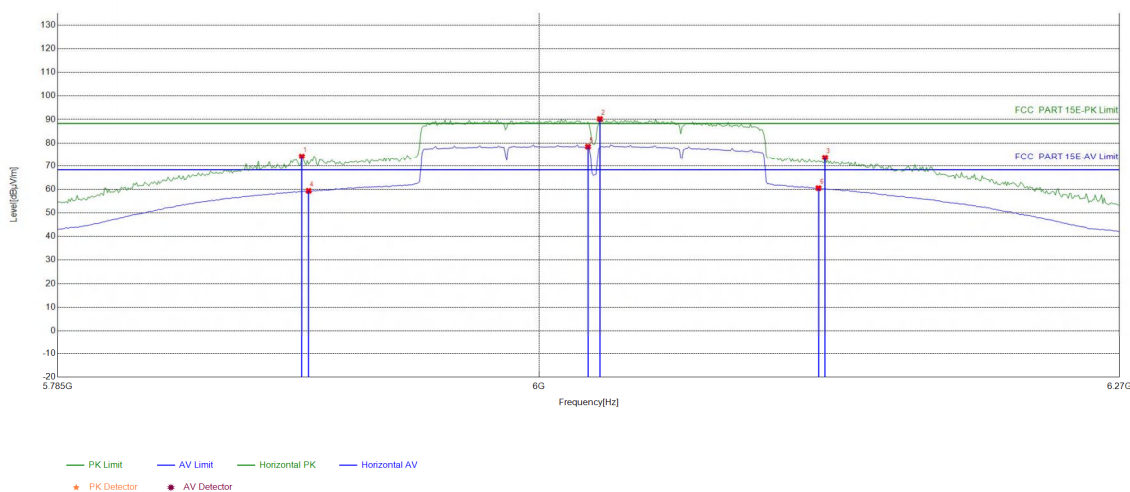


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5892.4406	-5.69	72.49	66.80	88.30	21.50	PASS	Vertical	PK
3	6068.4731	-5.36	74.17	68.81	88.30	19.49	PASS	Vertical	PK
4	5893.6546	-5.70	59.38	53.68	68.30	14.62	PASS	Vertical	AV
6	6065.438	-5.35	62.01	56.66	68.30	11.64	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT160) Transmitting	Test_Frequency	6025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph

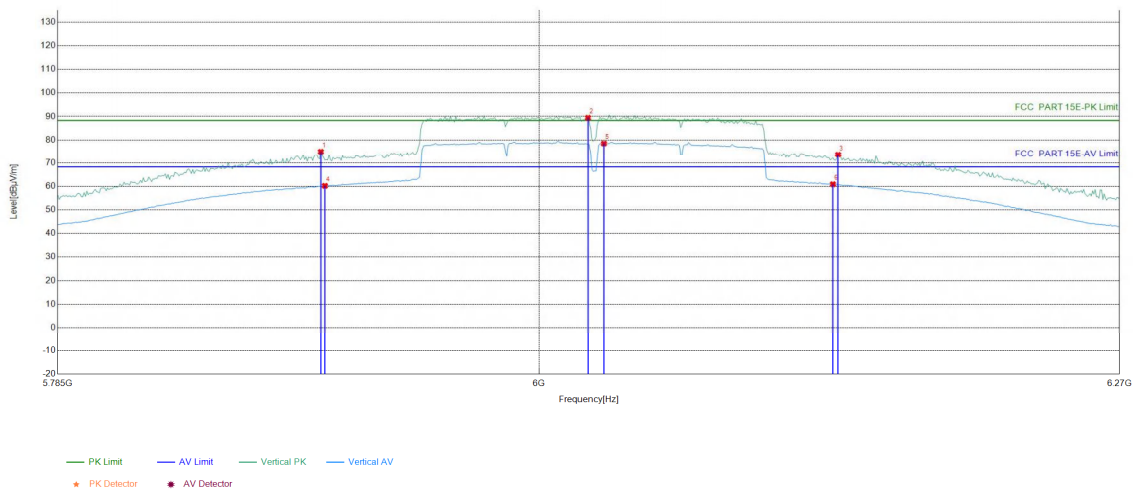


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5893.0476	-5.70	79.91	74.21	88.30	14.09	PASS	Horizontal	PK
3	6131.602	-5.31	79.03	73.72	88.30	14.58	PASS	Horizontal	PK
4	5896.0826	-5.73	65.06	59.33	68.30	8.97	PASS	Horizontal	AV
6	6128.567	-5.33	65.81	60.48	68.30	7.82	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT160) Transmitting	Test_Frequency	6025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

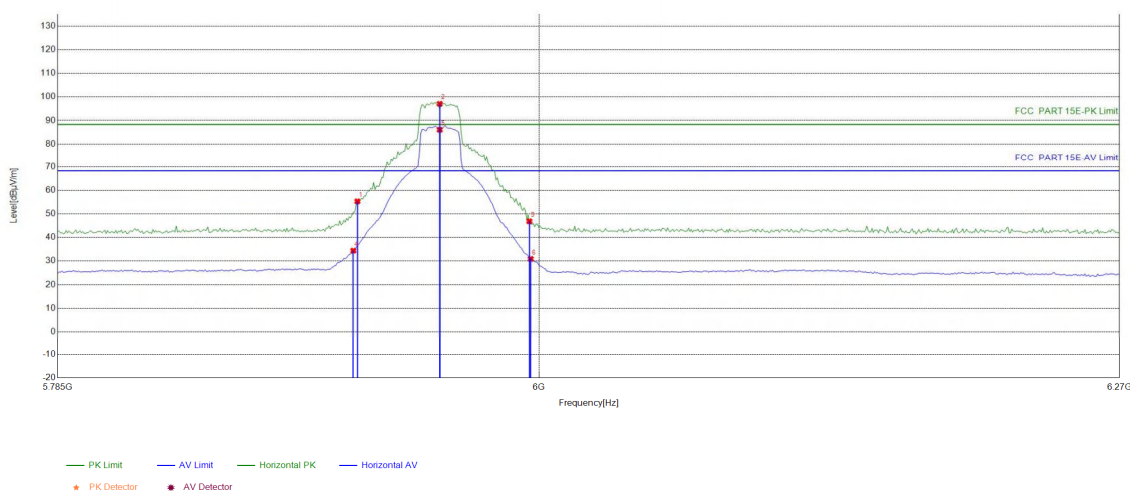
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5901.5457	-5.78	80.74	74.96	88.30	13.34	PASS	Vertical	PK
3	6137.6721	-5.27	78.94	73.67	88.30	14.63	PASS	Vertical	PK
4	5903.3667	-5.78	65.96	60.18	68.30	8.12	PASS	Vertical	AV
6	6135.2441	-5.28	66.15	60.87	68.30	7.43	PASS	Vertical	AV

Test_Mode	802.11 ax(HE20)Transmittin	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

Test Graph

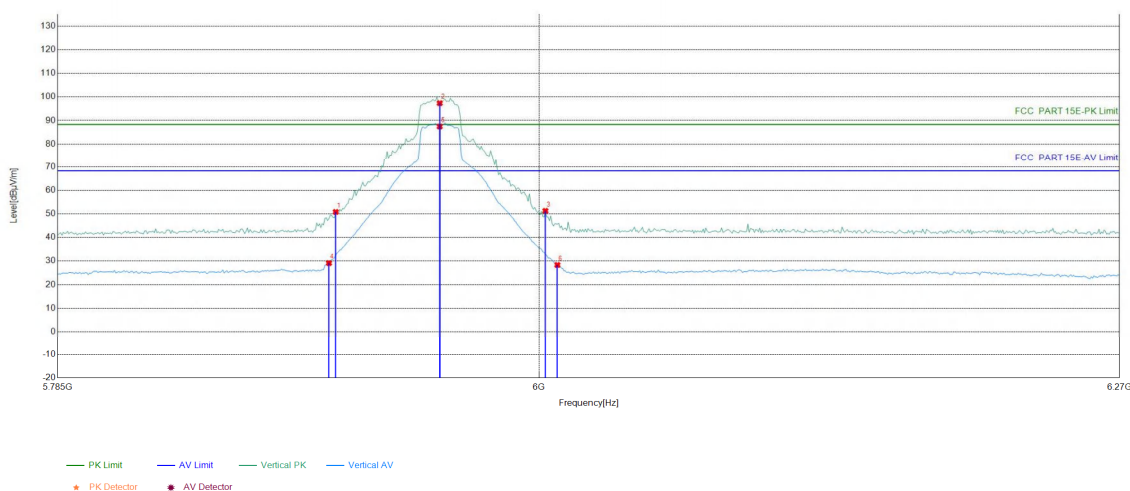


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5917.9349	-5.76	61.05	55.29	88.30	33.01	PASS	Horizontal	PK
3	5995.632	-5.44	52.28	46.84	88.30	41.46	PASS	Horizontal	PK
4	5916.1139	-5.76	40.16	34.40	68.30	33.90	PASS	Horizontal	AV
6	5996.239	-5.44	36.35	30.91	68.30	37.39	PASS	Horizontal	AV

Test_Mode	802.11 ax(HE20)Transmittin	Test_Frequency	5955Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

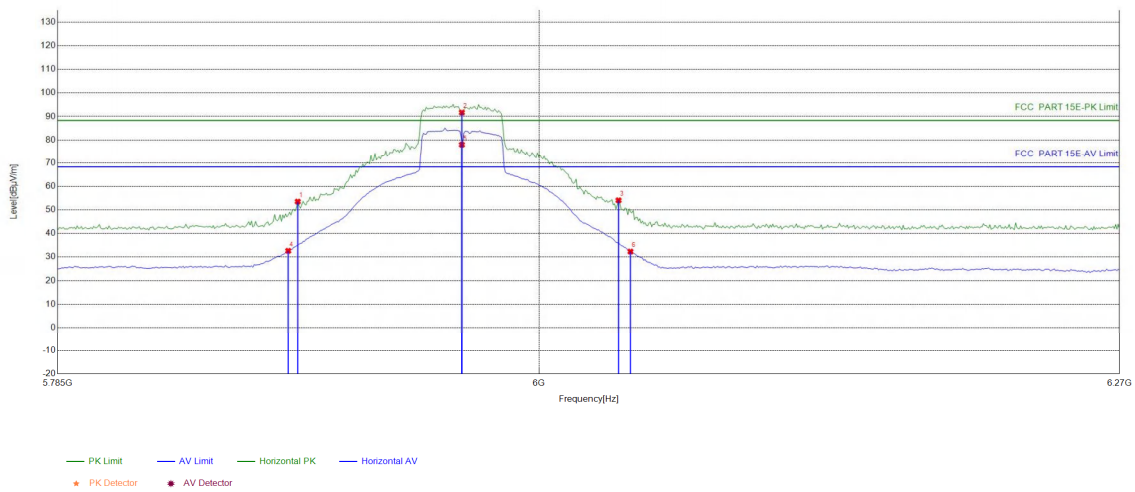
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5908.2228	-5.76	56.57	50.81	88.30	37.49	PASS	Vertical	PK
3	6002.9161	-5.41	56.68	51.27	88.30	37.03	PASS	Vertical	PK
4	5905.1877	-5.78	34.90	29.12	68.30	39.18	PASS	Vertical	AV
6	6008.3792	-5.39	33.73	28.34	68.30	39.96	PASS	Vertical	AV

Test_Mode	802.11 ax(HE40)Transmittin	Test_Frequency	5965Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

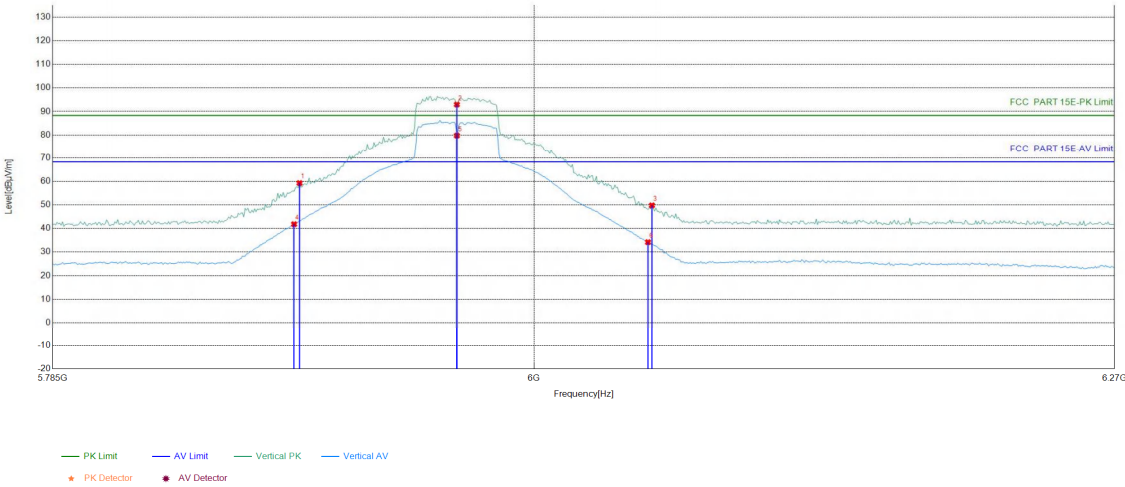
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5891.2265	-5.67	59.18	53.51	88.30	34.79	PASS	Horizontal	PK
3	6036.3016	-5.30	59.35	54.05	88.30	34.25	PASS	Horizontal	PK
4	5886.9775	-5.62	38.25	32.63	68.30	35.67	PASS	Horizontal	AV
6	6041.7647	-5.28	37.60	32.32	68.30	35.98	PASS	Horizontal	AV

Test_Mode	802.11 ax(HE40)Transmittin	Test_Frequency	5965Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/16
Remark	22.1°C50.8%/		

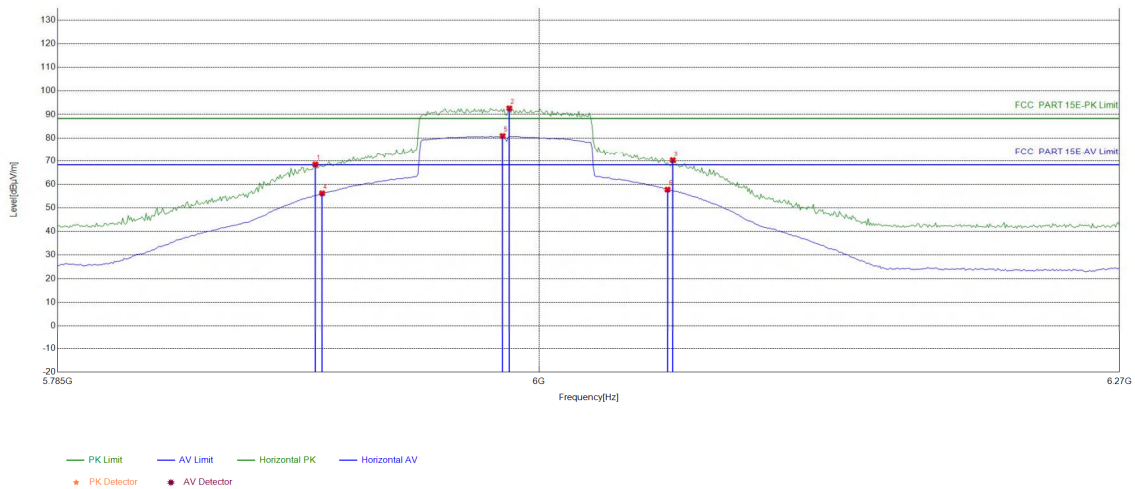
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5894.2616	-5.70	64.94	59.24	88.30	29.06	PASS	Vertical	PK
3	6053.9049	-5.28	55.07	49.79	88.30	38.51	PASS	Vertical	PK
4	5891.8335	-5.68	47.48	41.80	68.30	26.50	PASS	Vertical	AV
6	6052.0839	-5.28	39.47	34.19	68.30	34.11	PASS	Vertical	AV

Test_Mode	802.11 ax(HE80)Transmittin	Test_Frequency	5985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

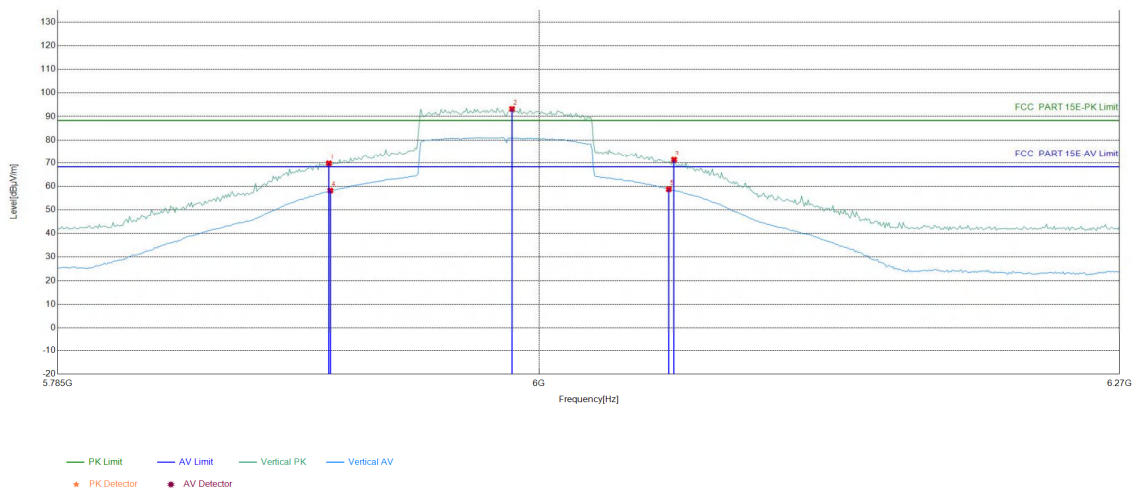
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5899.1176	-5.77	74.18	68.41	88.30	19.89	PASS	Horizontal	PK
3	6061.189	-5.32	75.56	70.24	88.30	18.06	PASS	Horizontal	PK
4	5902.1527	-5.78	61.94	56.16	68.30	12.14	PASS	Horizontal	AV
6	6058.761	-5.31	63.05	57.74	68.30	10.56	PASS	Horizontal	AV

Test_Mode	802.11 ax(HE80)Transmittin	Test_Frequency	5985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph

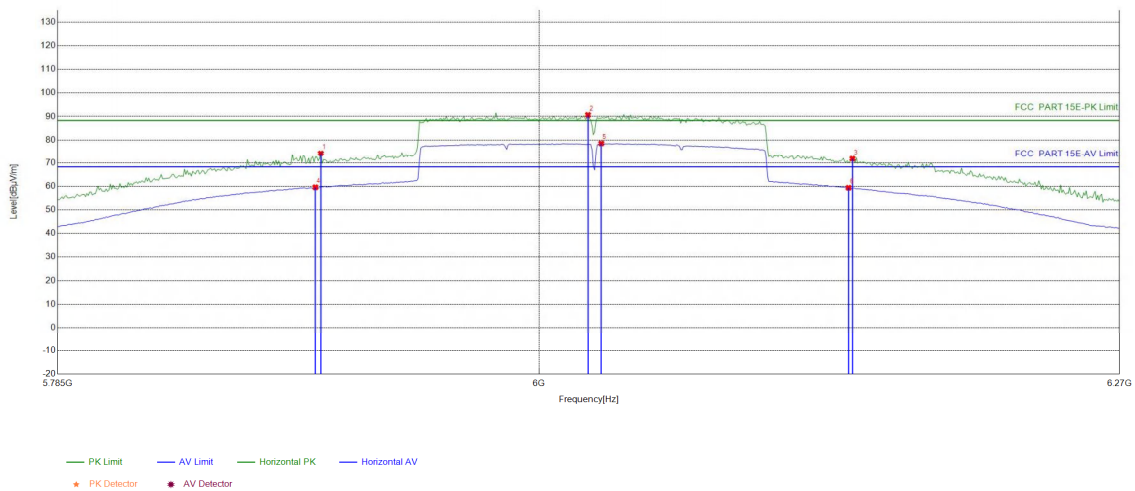


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5905.18	-5.78	75.52	69.74	88.30	18.56	PASS	Vertical	PK
3	6061.79	-5.32	76.61	71.29	88.30	17.01	PASS	Vertical	PK
4	5905.79	-5.78	63.97	58.19	68.30	10.11	PASS	Vertical	AV
5	6059.36	-5.32	64.06	58.74	68.30	9.56	PASS	Vertical	AV

Test_Mode	802.11ax(HE160)Transmission	Test_Frequency	6025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

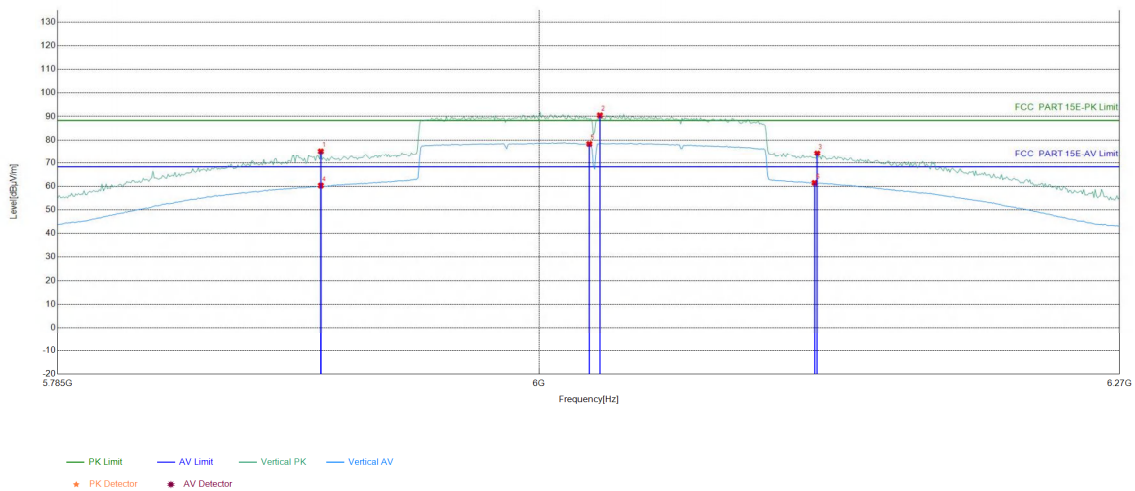
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5901.5457	-5.78	79.99	74.21	88.30	14.09	PASS	Horizontal	PK
3	6144.3492	-5.22	77.03	71.81	88.30	16.49	PASS	Horizontal	PK
4	5899.1176	-5.77	65.34	59.57	68.30	8.73	PASS	Horizontal	AV
6	6142.5282	-5.23	64.59	59.36	68.30	8.94	PASS	Horizontal	AV

Test_Mode	802.11ax(HE160)Transmission	Test_Frequency	6025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

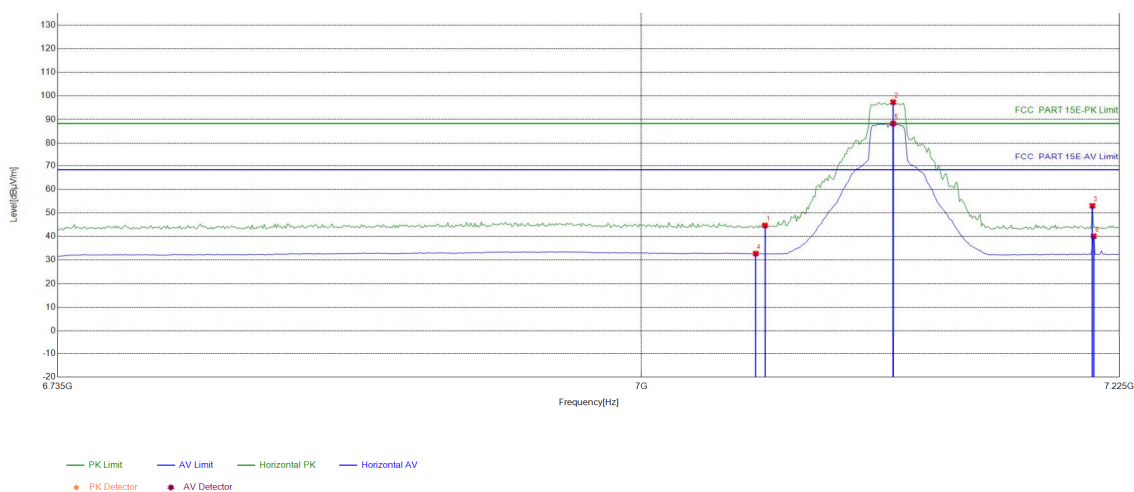
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5901.5457	-5.78	80.95	75.17	88.30	13.13	PASS	Vertical	PK
3	6127.96	-5.34	79.60	74.26	88.30	14.04	PASS	Vertical	PK
4	5901.5457	-5.78	66.09	60.31	68.30	7.99	PASS	Vertical	AV
6	6126.7459	-5.34	66.78	61.44	68.30	6.86	PASS	Vertical	AV

Test_Mode	802.11 a Transmitting	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%SISSO		

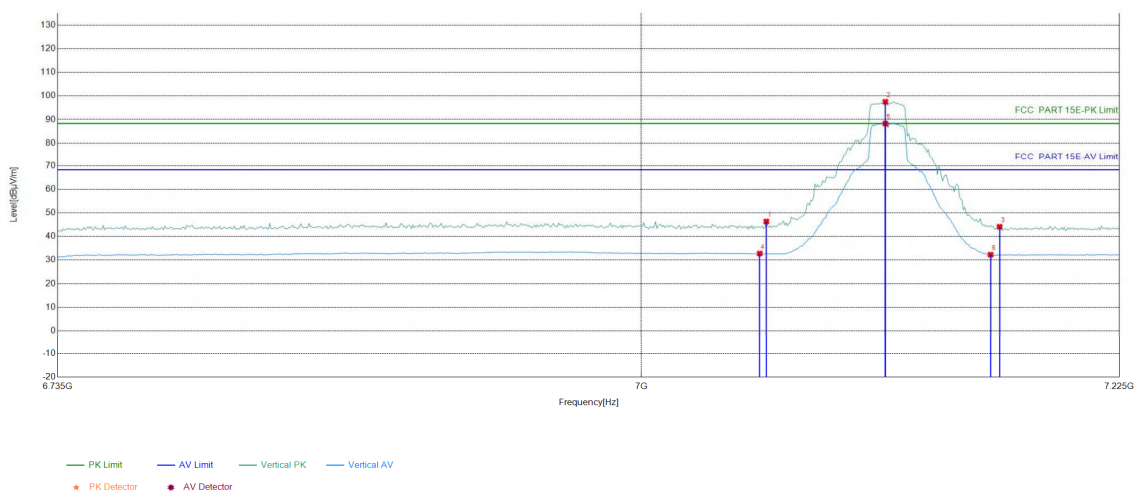
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7057.5782	-3.48	48.14	44.66	88.30	43.64	PASS	Horizontal	PK
3	7212.1214	-3.45	56.43	52.98	88.30	35.32	PASS	Horizontal	PK
4	7053.2854	-3.50	36.23	32.73	68.30	35.57	PASS	Horizontal	AV
6	7212.7347	-3.44	43.54	40.10	68.30	28.20	PASS	Horizontal	AV

Test_Mode	802.11 a Transmitting	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%SISO		

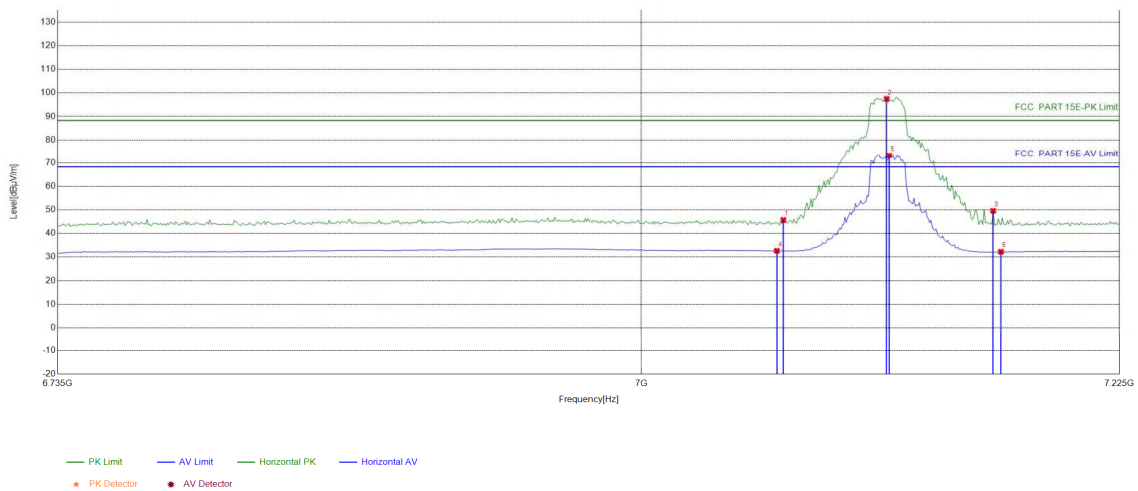
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7058.1915	-3.47	49.80	46.33	88.30	41.97	PASS	Vertical	PK
3	7167.9662	-3.58	47.70	44.12	88.30	44.18	PASS	Vertical	PK
4	7055.1252	-3.50	36.27	32.77	68.30	35.53	PASS	Vertical	AV
6	7163.6733	-3.57	35.86	32.29	68.30	36.01	PASS	Vertical	AV

Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

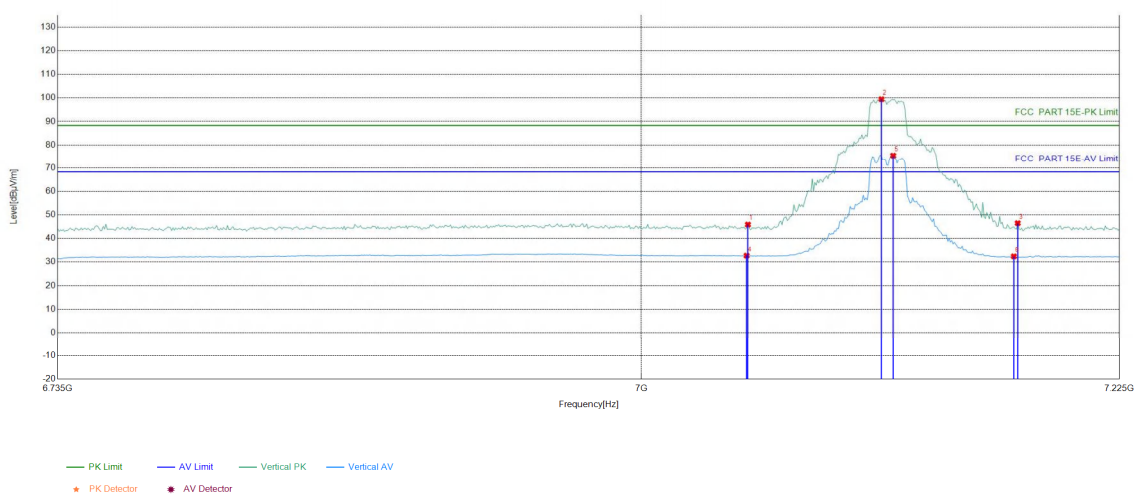


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7066.164	-3.44	49.17	45.73	88.30	42.57	PASS	Horizontal	PK
3	7164.8999	-3.57	53.16	49.59	88.30	38.71	PASS	Horizontal	PK
4	7063.0976	-3.45	36.08	32.63	68.30	35.67	PASS	Horizontal	AV
6	7168.5795	-3.58	35.85	32.27	68.30	36.03	PASS	Horizontal	AV

Test_Mode	802.11 n(HT20) Transmitting	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

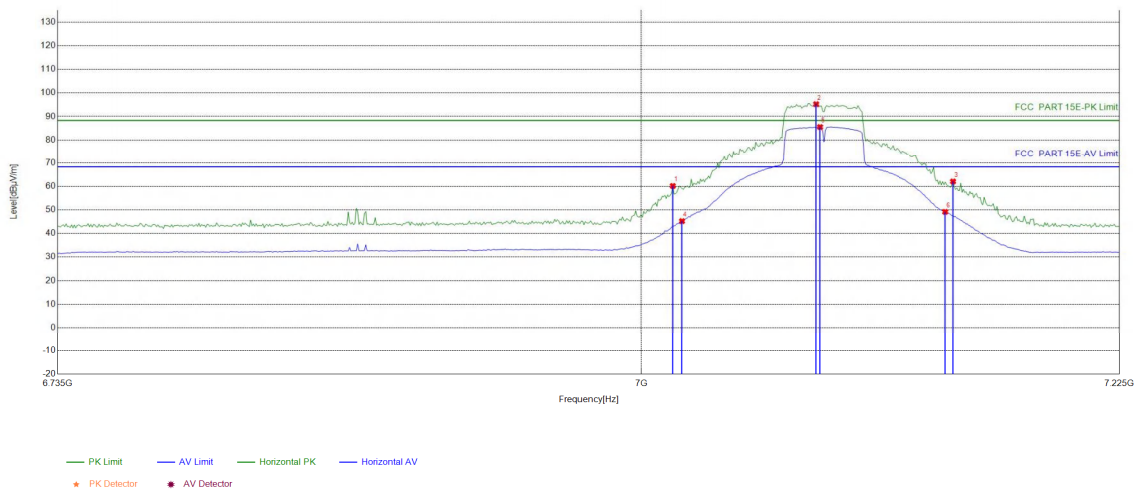
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7049.6058	-3.52	49.40	45.88	88.30	42.42	PASS	Vertical	PK
3	7176.5519	-3.58	50.06	46.48	88.30	41.82	PASS	Vertical	PK
4	7048.9925	-3.53	36.25	32.72	68.30	35.58	PASS	Vertical	AV
6	7174.7121	-3.58	35.99	32.41	68.30	35.89	PASS	Vertical	AV

Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	7085Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

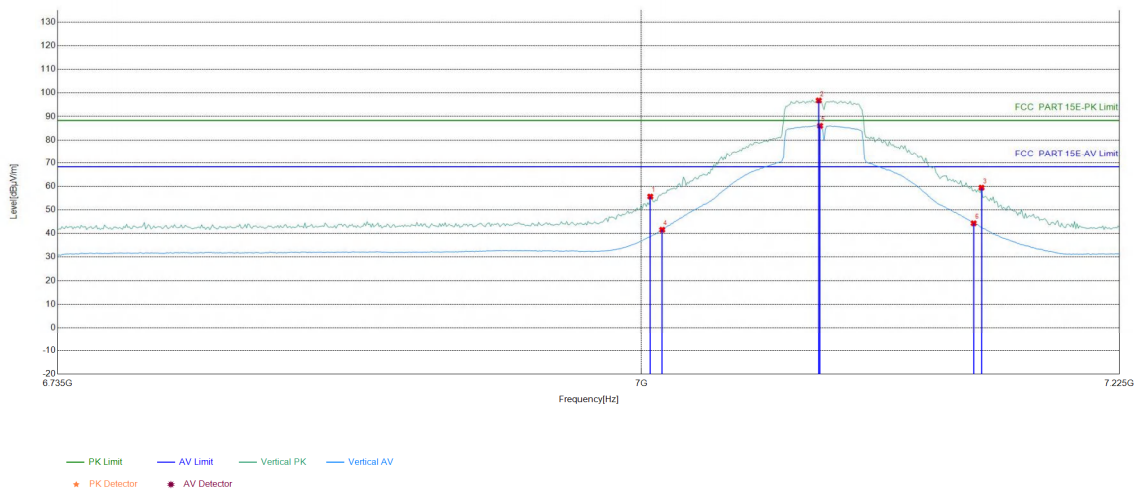


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7014.6496	-3.73	63.86	60.13	88.30	28.17	PASS	Horizontal	PK
3	7145.8886	-3.52	65.56	62.04	88.30	26.26	PASS	Horizontal	PK
4	7018.9424	-3.70	48.93	45.23	68.30	23.07	PASS	Horizontal	AV
6	7142.209	-3.51	52.66	49.15	68.30	19.15	PASS	Horizontal	AV

Test_Mode	802.11 n(HT40) Transmitting	Test_Frequency	7085Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

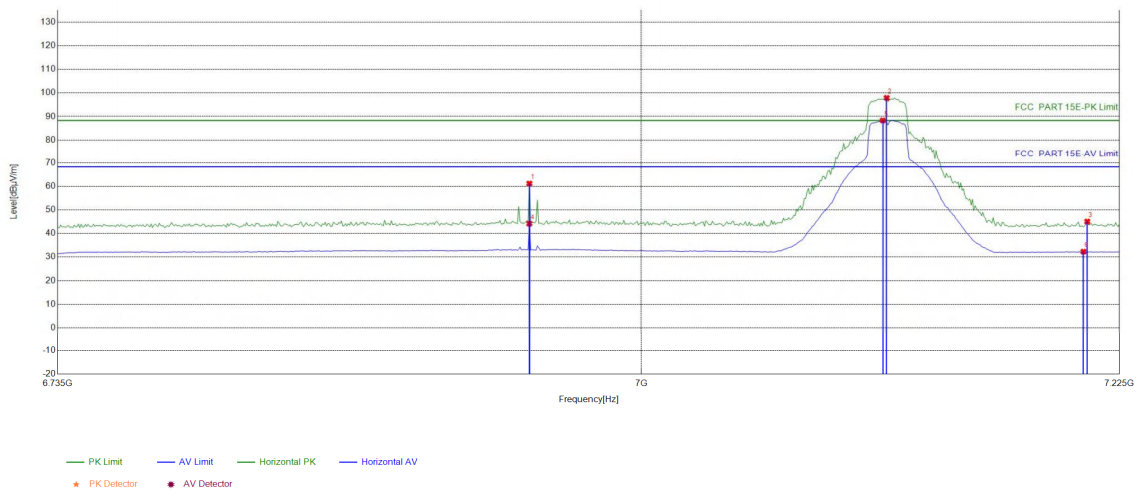
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7004.224	-3.79	59.42	55.63	88.30	32.67	PASS	Vertical	PK
3	7159.3805	-3.56	62.97	59.41	88.30	28.89	PASS	Vertical	PK
4	7009.7434	-3.75	45.31	41.56	68.30	26.74	PASS	Vertical	AV
6	7155.7009	-3.56	47.86	44.30	68.30	24.00	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT20) Transmitting	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

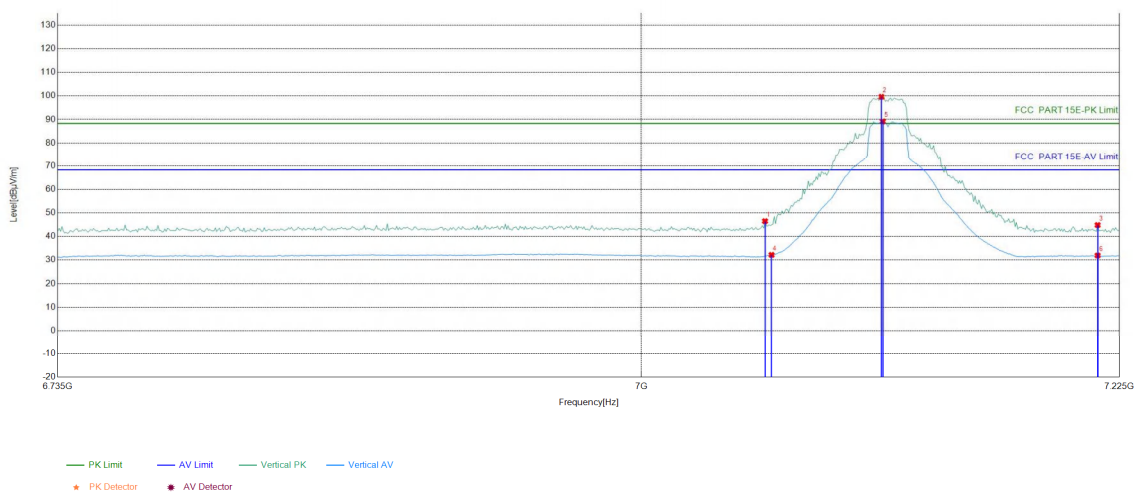
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6948.4168	-3.38	64.54	61.16	88.30	27.14	PASS	Horizontal	PK
3	7209.6683	-3.48	48.53	45.05	88.30	43.25	PASS	Horizontal	PK
4	6948.4168	-3.38	47.55	44.17	68.30	24.13	PASS	Horizontal	AV
6	7207.8285	-3.50	35.78	32.28	68.30	36.02	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT20) Transmitting	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

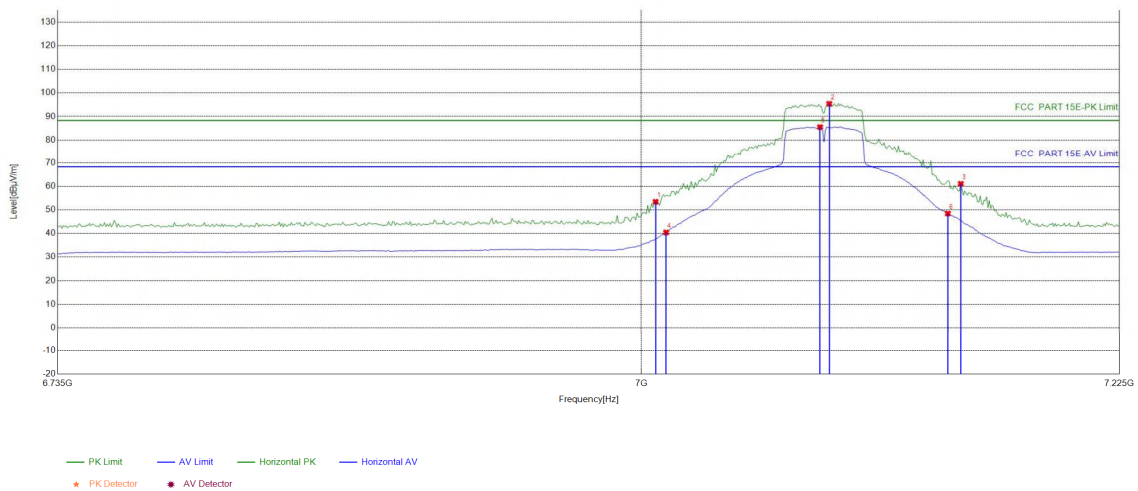


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7057.5782	-3.48	49.97	46.49	88.30	41.81	PASS	Vertical	PK
3	7214.5745	-3.42	48.26	44.84	88.30	43.46	PASS	Vertical	PK
4	7060.6446	-3.46	35.65	32.19	68.30	36.11	PASS	Vertical	AV
6	7214.5745	-3.42	35.34	31.92	68.30	36.38	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT40) Transmitting	Test_Frequency	7085Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

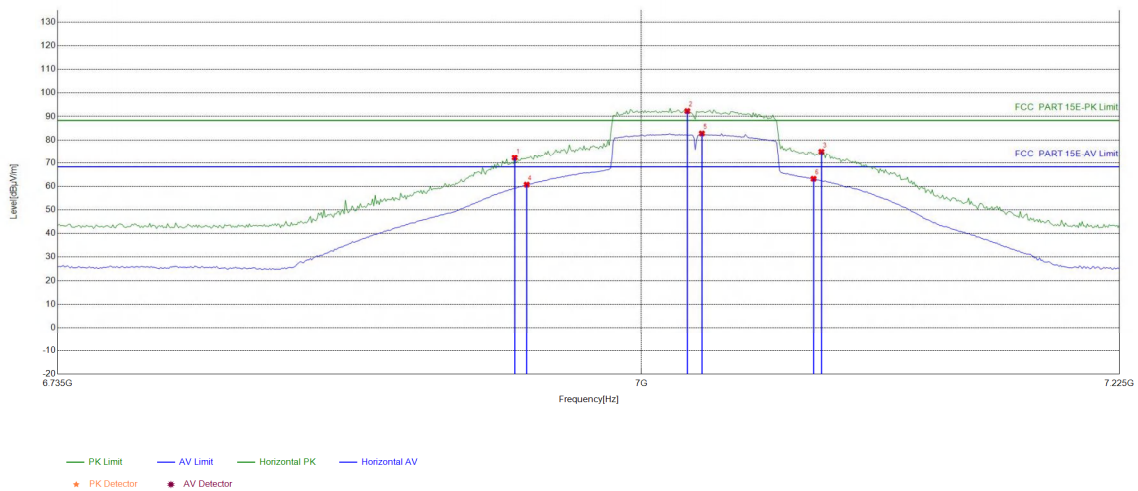


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7006.6771	-3.77	57.20	53.43	88.30	34.87	PASS	Horizontal	PK
3	7149.5682	-3.55	64.60	61.05	88.30	27.25	PASS	Horizontal	PK
4	7011.5832	-3.74	44.17	40.43	68.30	27.87	PASS	Horizontal	AV
6	7143.4355	-3.52	51.97	48.45	68.30	19.85	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	7025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

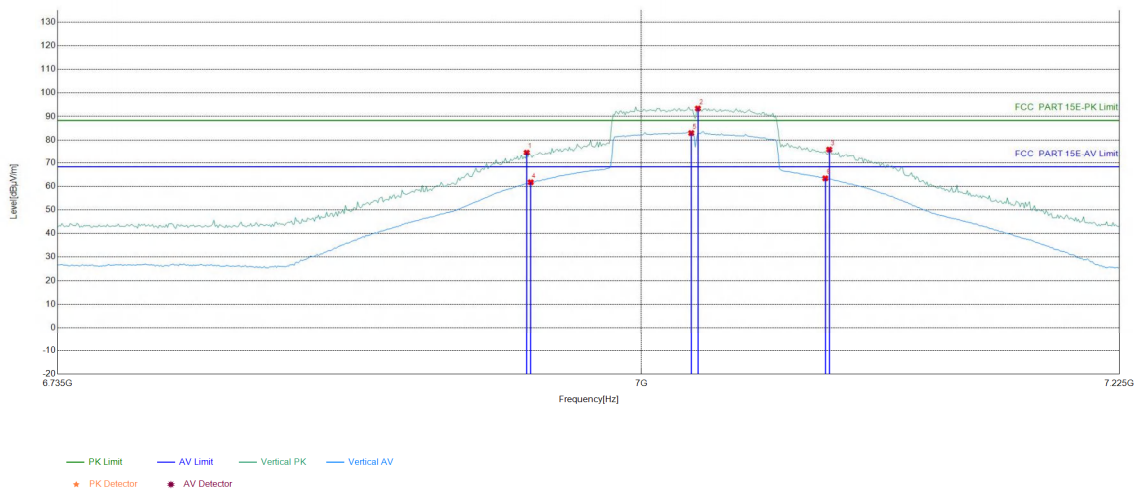
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6941.6708	-3.39	75.58	72.19	88.30	16.11	PASS	Horizontal	PK
3	7083.9487	-3.33	78.34	75.01	88.30	13.29	PASS	Horizontal	PK
4	6947.1902	-3.38	64.09	60.71	68.30	7.59	PASS	Horizontal	AV
6	7080.2691	-3.36	66.55	63.19	68.30	5.11	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT80) Transmitting	Test_Frequency	7025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

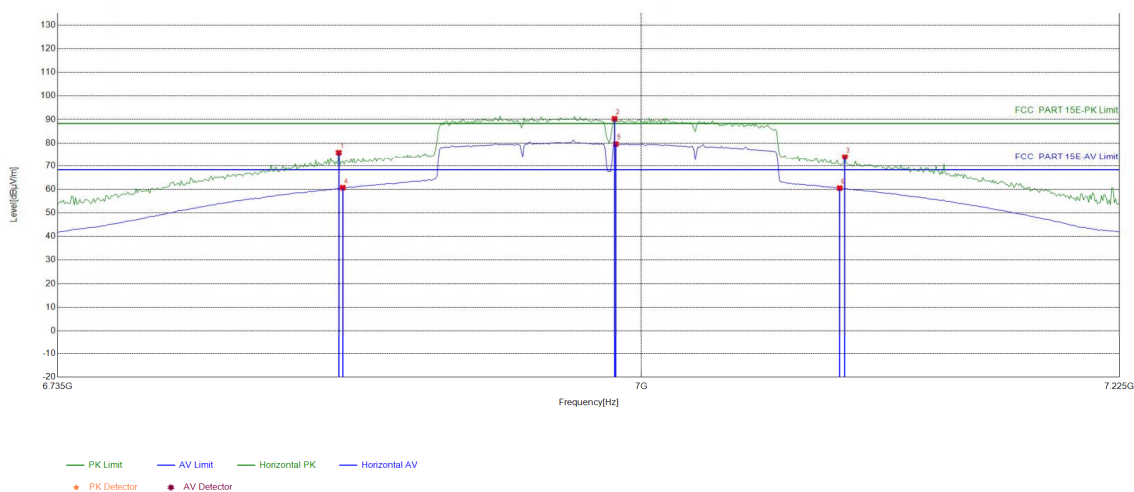
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6947.1902	-3.38	78.02	74.64	88.30	13.66	PASS	Vertical	PK
3	7087.6283	-3.32	79.28	75.96	88.30	12.34	PASS	Vertical	PK
4	6949.03	-3.38	65.07	61.69	68.30	6.61	PASS	Vertical	AV
6	7085.7885	-3.33	66.70	63.37	68.30	4.93	PASS	Vertical	AV

Test_Mode	802.11 ac(VHT160) Transmitting	Test_Frequency	6985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph

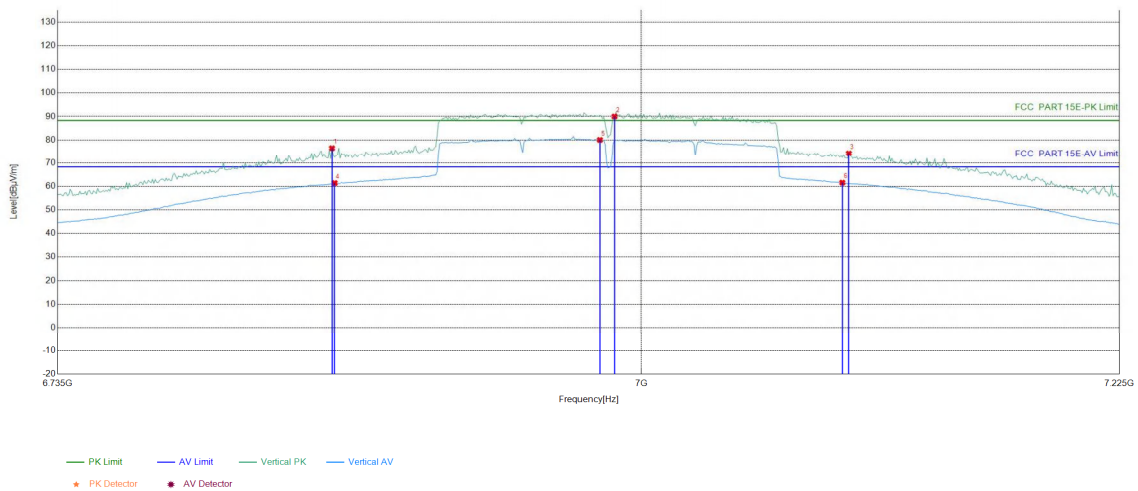


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6861.3329	-3.68	79.59	75.91	88.30	12.39	PASS	Horizontal	PK
3	7094.9875	-3.27	77.25	73.98	88.30	14.32	PASS	Horizontal	PK
4	6863.1727	-3.66	64.34	60.68	68.30	7.62	PASS	Horizontal	AV
6	7092.5344	-3.29	63.80	60.51	68.30	7.79	PASS	Horizontal	AV

Test_Mode	802.11 ac(VHT160) Transmitting	Test_Frequency	6985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

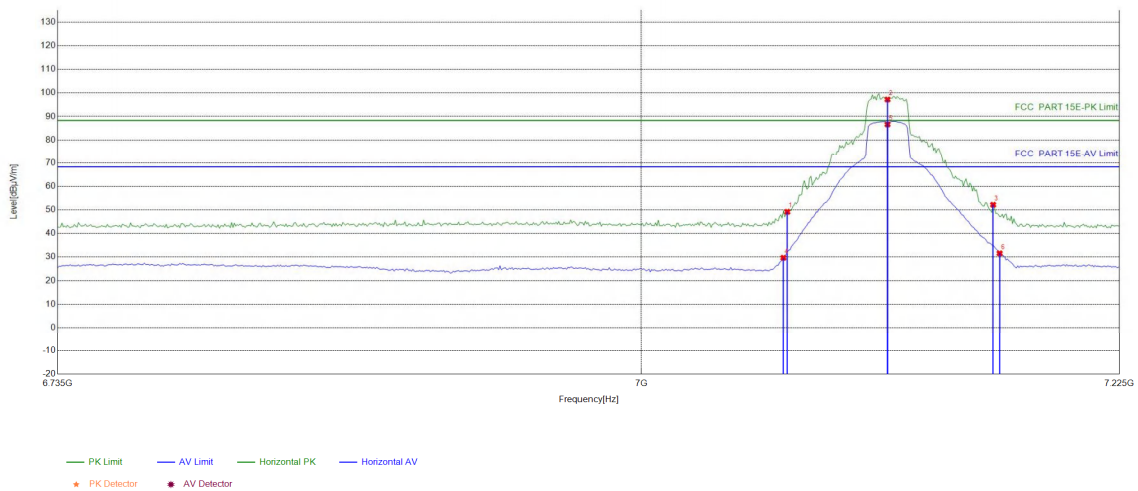
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6858.2666	-3.70	80.18	76.48	88.30	11.82	PASS	Vertical	PK
3	7096.8273	-3.26	77.47	74.21	88.30	14.09	PASS	Vertical	PK
4	6859.4931	-3.69	65.05	61.36	68.30	6.94	PASS	Vertical	AV
6	7093.761	-3.28	64.82	61.54	68.30	6.76	PASS	Vertical	AV

Test_Mode	802.11 ax(HE20)Transmittin	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

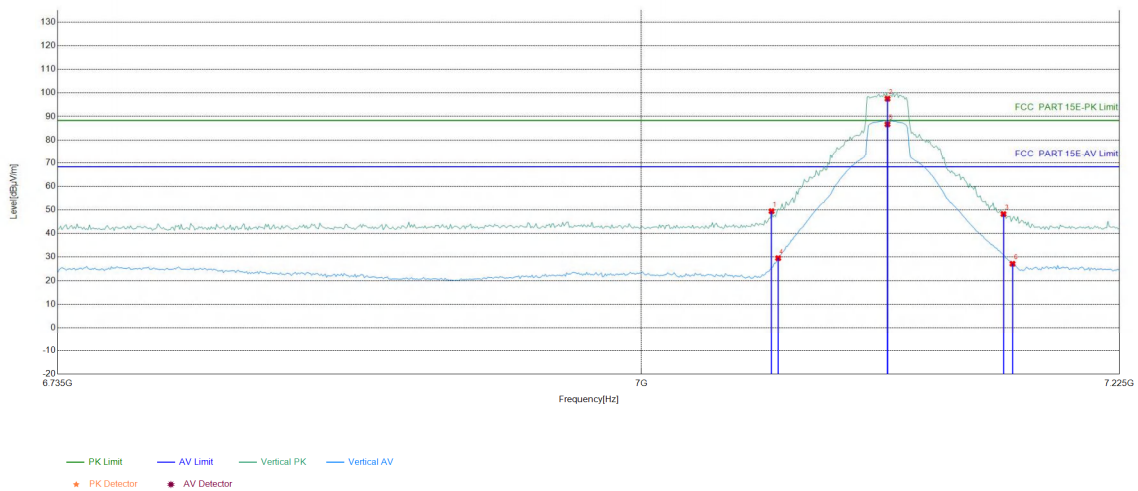
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7068.0038	-3.43	52.59	49.16	88.30	39.14	PASS	Horizontal	PK
3	7164.8999	-3.57	55.74	52.17	88.30	36.13	PASS	Horizontal	PK
4	7066.164	-3.44	33.12	29.68	68.30	38.62	PASS	Horizontal	AV
6	7167.9662	-3.58	35.16	31.58	68.30	36.72	PASS	Horizontal	AV

Test_Mode	802.11 ax(HE20)Transmittin	Test_Frequency	7115Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

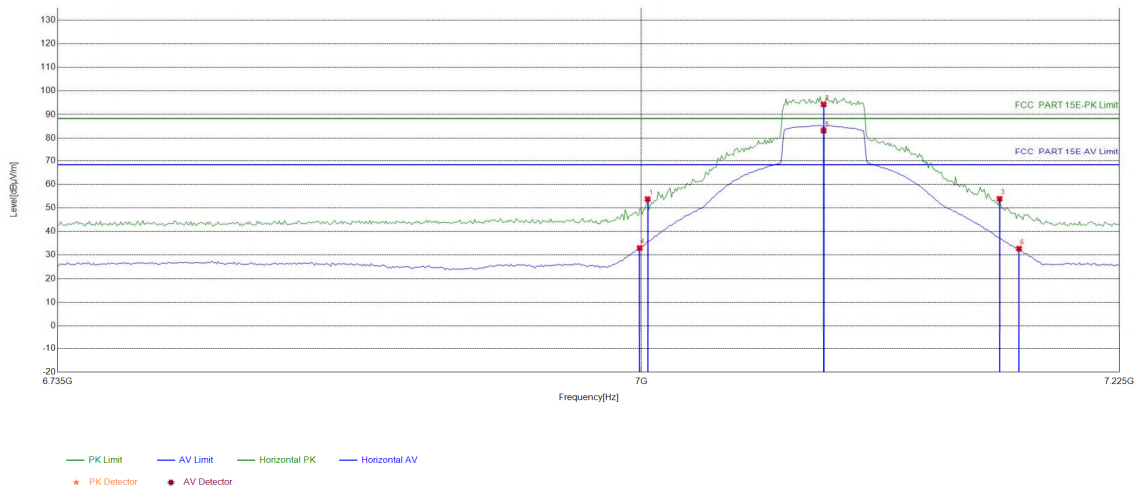


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7060.6446	-3.46	52.88	49.42	88.30	38.88	PASS	Vertical	PK
3	7169.806	-3.57	51.79	48.22	88.30	40.08	PASS	Vertical	PK
4	7063.7109	-3.45	32.98	29.53	68.30	38.77	PASS	Vertical	AV
6	7174.0989	-3.58	30.72	27.14	68.30	41.16	PASS	Vertical	AV

Test_Mode	802.11 ax(HE40)Transmittin	Test_Frequency	7085Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

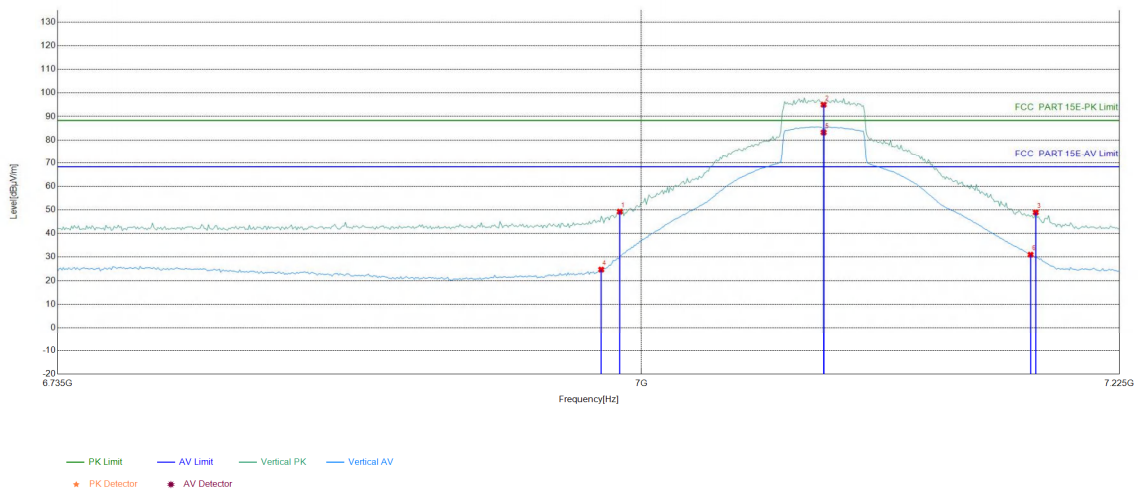


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	7002.9975	-3.80	57.52	53.72	88.30	34.58	PASS	Horizontal	PK
3	7167.9662	-3.58	57.44	53.86	88.30	34.44	PASS	Horizontal	PK
4	6999.3179	-3.80	36.78	32.98	68.30	35.32	PASS	Horizontal	AV
6	7177.1652	-3.58	36.30	32.72	68.30	35.58	PASS	Horizontal	AV

Test_Mode	802.11 ax(HE40)Transmittin	Test_Frequency	7085Mhz
Tset_Engineer	chenjun	Test_Date	2025/08/20
Remark	22.1°C50.8%MIMO		

Test Graph

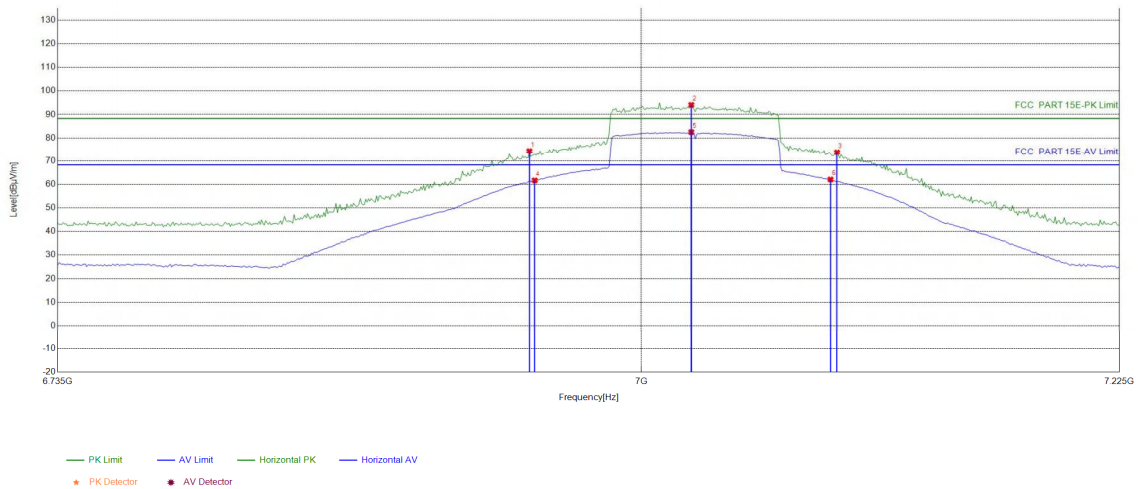


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6990.1189	-3.73	52.97	49.24	88.30	39.06	PASS	Vertical	PK
3	7185.1377	-3.59	52.52	48.93	88.30	39.37	PASS	Vertical	PK
4	6981.5332	-3.65	28.33	24.68	68.30	43.62	PASS	Vertical	AV
6	7182.6846	-3.59	34.60	31.01	68.30	37.29	PASS	Vertical	AV

Test_Mode	802.11 ax(HE80)Transmittin	Test_Frequency	7025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

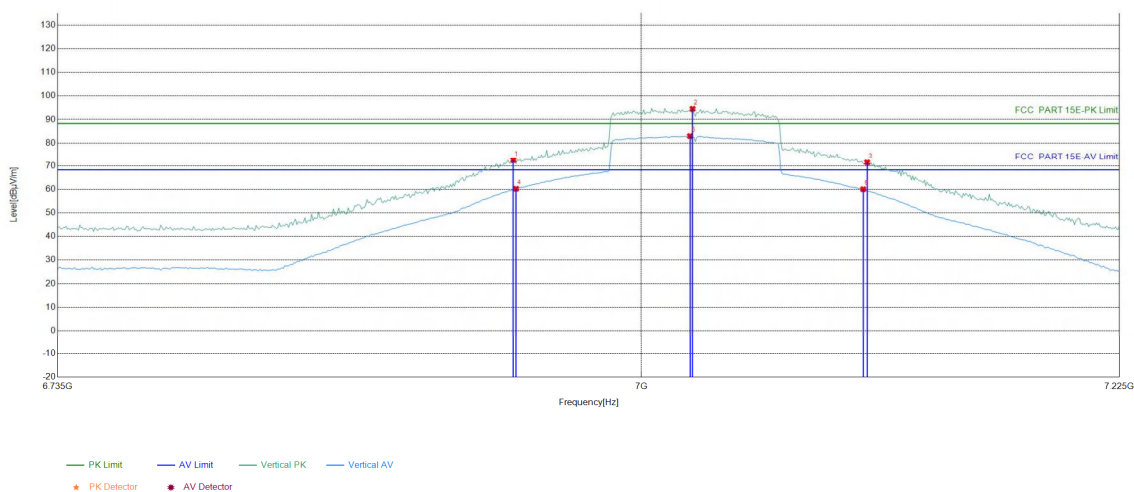
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6948.4168	-3.38	77.76	74.38	88.30	13.92	PASS	Horizontal	PK
3	7091.3079	-3.30	77.14	73.84	88.30	14.46	PASS	Horizontal	PK
4	6950.8698	-3.39	65.04	61.65	68.30	6.65	PASS	Horizontal	AV
6	7088.2416	-3.31	65.35	62.04	68.30	6.26	PASS	Horizontal	AV

Test_Mode	802.11 ax(HE80)Transmittin	Test_Frequency	7025Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph

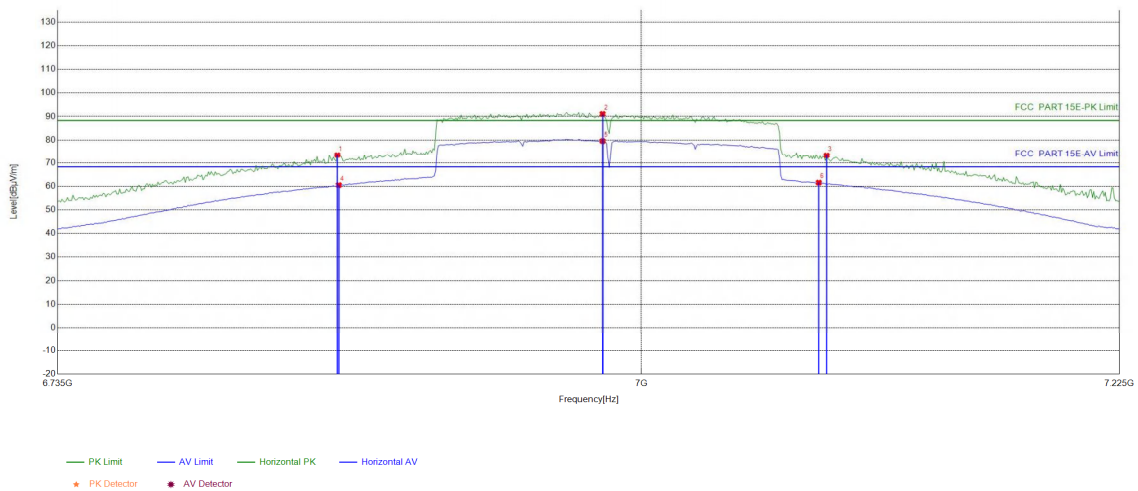


Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6941.0576	-3.39	75.87	72.48	88.30	15.82	PASS	Vertical	PK
3	7105.413	-3.29	74.77	71.48	88.30	16.82	PASS	Vertical	PK
4	6942.2841	-3.39	63.59	60.20	68.30	8.10	PASS	Vertical	AV
6	7103.5732	-3.27	63.29	60.02	68.30	8.28	PASS	Vertical	AV

Test_Mode	802.11ax(HE160)Transmission	Test_Frequency	6985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

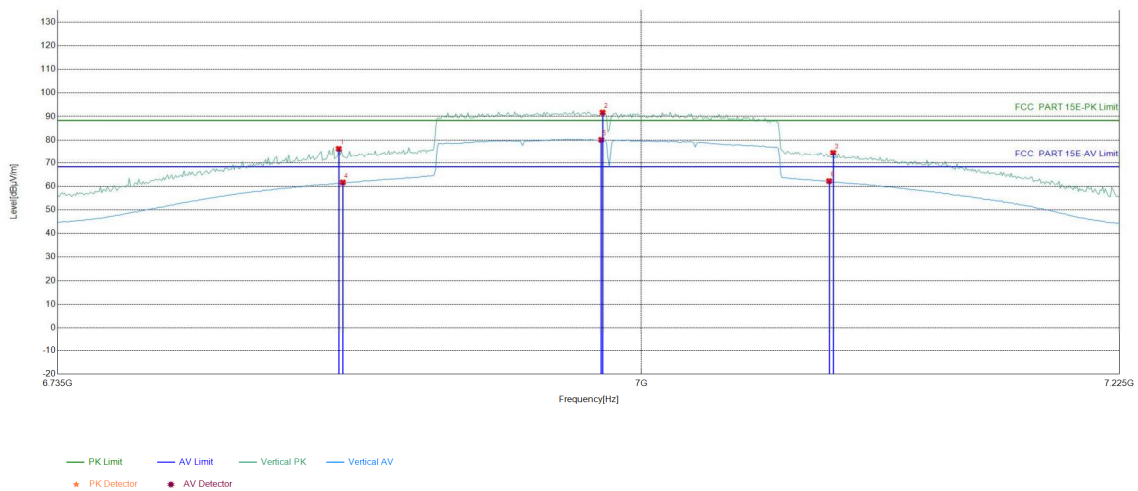
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6860.7196	-3.68	77.15	73.47	88.30	14.83	PASS	Horizontal	PK
3	7086.4018	-3.32	76.66	73.34	88.30	14.96	PASS	Horizontal	PK
4	6861.3329	-3.68	64.18	60.50	68.30	7.80	PASS	Horizontal	AV
6	7082.7222	-3.34	64.90	61.56	68.30	6.74	PASS	Horizontal	AV

Test_Mode	802.11ax(HE160)Transmission	Test_Frequency	6985Mhz
Tset_Engineer	chenjun	Test_Date	2025/09/15
Remark	22.1°C50.8%\		

Test Graph



Suspected List

NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	6861.3329	-3.68	79.96	76.28	88.30	12.02	PASS	Vertical	PK
3	7089.4681	-3.31	77.88	74.57	88.30	13.73	PASS	Vertical	PK
4	6863.1727	-3.66	65.29	61.63	68.30	6.67	PASS	Vertical	AV
6	7087.6283	-3.32	65.51	62.19	68.30	6.11	PASS	Vertical	AV

5 Appendix A

Refer to EED32R81335406 Appendix Wi-Fi 6E 20MHz 40MHz, EED32R81335406 Appendix Wi-Fi 6E 80MHz 160MHz and EED32R81335406 Appendix Wi-Fi 6E-CBP

7 Photographs - EUT Constructional Details

Refer to Report No.EED32R81335401 for EUT external and internal photos.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;

*** End of Report ***