FCC 47 CFR PART 15 SUBPART E
ISED RSS-247 Issue 4

TEST REPORT

For

WIFI+BT Module

MODEL NUMBER: DT3LR1601

REPORT NUMBER: 4792194522-1-RF-4

ISSUE DATE: May 25, 2026

FCC ID: 2AC23-DT3L
IC: 12290A-DT3L

Prepared for

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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	May 25, 2026	Initial Issue	

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
ON TIME AND DUTY CYCLE	ANSI C63.10-2020, Clause 12.2	None; for reporting purposes only.	Pass
6dB AND 26dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a)/(e), RSS-247 Issue 4, Clause 7.3.5.2 RSS-Gen Clause 6.7	Pass
CONDUCTED OUTPUT POWER	KDB 789033 D02 v02r01 Section E.3.a (Method PM)/KDB 789033 D02 v02r01 Section E.3.a (Method PM) Section E.2.d (Method SA-2)	FCC 15.407 (a) RSS-247 Clause 7.3	Pass
POWER SPECTRAL DENSITY	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a) RSS-247 Clause 7.3	Pass
AC Power Line Conducted Emission	ANSI C63.10-2020, Clause 6.2.	FCC 15.207 RSS-GEN Clause 8.8	Pass
Radiated Emissions and Band Edge Measurement	KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6	FCC 15.407 (b) FCC 15.209 FCC 15.205 RSS-247 Clause 7.3 RSS-GEN Clause 8.9	Pass
FREQUENCY STABILITY	ANSI C63.10-2020,Clause 6.8	FCC 15.407 (g)	Pass
Dynamic Frequency Selection (Slave)	KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02	FCC Part 15.407 (h), RSS-247 Issue 4 Clause 7.3.6	Pass
Antenna Requirement	N/A	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2), RSS-Gen Issue 5, Clause 6.8	Pass

Note:
1. For FCC, ANSI C63.10:2020 + Cor.1:2023 is also considered for the corresponding test item which is needed.
2. For ISED, this report is also performed according to ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 standards.

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
*The measurement result for the sample received is <Pass> according to <FCC 47 CFR PART 15 SUBPART E
ISED RSS-247 Issue 4> when <Simple Acceptance> decision rule is applied. Decision rule for statement of conformity: The measurement uncertainty is not taken into account for statement of conformity.

CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Hui Zhou Gaoshengda Technology Co.,LTD
Address:	No.6,Qiaoguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou,Guangdong,China

Manufacturer Information

Company Name:	Hui Zhou Gaoshengda Technology Co.,LTD
Address:	No.6,Qiaoguang Road,Chenjiang Street,Zhongkai High-tech Zone,Huizhou,Guangdong,China

EUT Information

EUT Name:	WIFI+BT Module
Model:	DT3LR1601
Brand:	GSD
Sample Received Date:	March 31, 2026
Sample Status:	Normal
Sample ID:	9586648
Date of Tested:	April 3, 2026 to May 25, 2026

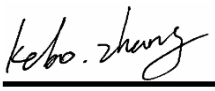
APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC 47 CFR PART 15 SUBPART E **ISED RSS-247 Issue 4**	**Pass**

Prepared By:

Johnson Liu

Laboratory Engineer Associate

Checked By:



Kebo Zhang

Operations Leader

Approved By:

Stephen Guo

Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC 47 CFR PART 15 SUBPART E ISED RSS-247 Issue 4, KDB 558074 D01 15.247 Meas Guidance v05r02, KDB 414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, FCC 47 CFR Part 2, ANSI C63.10-2020, ANSI C63.10-2020 + Cor.1-2023, ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and ISED RSS-GEN Issue 5

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. **VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202

Note 1:
All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

Note 2:
The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd.
Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:
For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	4.36 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.47 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz)	5.65 dB (1 GHz ~ 18 GHz)
	4.73 dB (18 GHz ~ 26 GHz)
	5.37 dB (26 GHz ~ 40 GHz)
Duty Cycle	±0.028%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
Dynamic Frequency Selection	±1.01 dB
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

Remark: For Radiated Emission measurements (200 MHz - 18 GHz), the EUT support table is made of Expanded Polystyrene (EPS). This material is characterized by a low dielectric constant, as recognized in CISPR 16-1-4, to minimize its influence on field strength measurements. This influence has been considered in the uncertainty budget.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	WIFI+BT Module
Model	DT3LR1601

Frequency Range:	5180 MHz to 5240 MHz 5260 MHz to 5320 MHz 5500 MHz to 5720 MHz 5 745 MHz to 5 825 MHz
DFS Operational mode:	Slave without radar detection
Type of Modulation:	IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM(64QAM, 16QAM, QPSK, BPSK)
Radio Technology:	IEEE802.11a 20, IEEE802.11n HT20/n HT40
Normal Test Voltage:	DC 3.3V

5.2. CHANNEL LIST

UNII-1 (For Bandwidth=20MHz)		UNII-1 (For Bandwidth=40MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190
40	5200	46	5230
44	5220		
48	5240		

UNII-2A (For Bandwidth=20MHz)		UNII-2A (For Bandwidth=40MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270
56	5280	62	5310
60	5300		
64	5320		

UNII-2C (For Bandwidth=20MHz)		UNII-2C (For Bandwidth=40MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510
104	5520	110	5550
108	5540	118	5590
112	5560	126	5630
116	5580	134	5670
120	5600	/	/
124	5620		
128	5640		
132	5660		

136	5680		
140	5700		
/	/		

UNII-3 (For Bandwidth=20MHz)		UNII-3 (For Bandwidth=40MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755
153	5765	159	5795
157	5785		
161	5805		
165	5825		

Straddle Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 144	5720 MHz
802.11n HT20	CH 144	5720 MHz
802.11n HT40	CH 142	5710 MHz

5.3. MAXIMUM POWER

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Max Average EIRP (dBm)
a	5150 ~ 5850	14.81	18.72
n HT20		14.08	17.95
n HT40		13.77	17.64

Note:
1. Maximum conducted output power = measured value + cable loss (provided by UL)
2. Maximum EIRP = maximum conducted output power + antenna gain

5.4. TEST CHANNEL CONFIGURATION

UNII-1 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11n HT20	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11n HT40	CH 38(Low Channel), CH 46(High Channel)	5190 MHz, 5230 MHz

UNII-2A Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 52(Low Channel), CH 56(MID Channel), CH 64(High Channel)	5260 MHz, 5280 MHz, 5320 MHz
802.11n HT20	CH 52(Low Channel), CH 56(MID Channel), CH 64(High Channel)	5260 MHz, 5280 MHz, 5320 MHz
802.11n HT40	CH 54(Low Channel), CH 62(High Channel)	5270 MHz, 5310 MHz

UNII-2C Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 100(Low Channel), CH 116(MID Channel), CH 140(High Channel)	5500 MHz, 5580 MHz, 5700 MHz
802.11n HT20	CH 100(Low Channel), CH 116(MID Channel), CH 140(High Channel)	5500 MHz, 5580 MHz, 5700 MHz
802.11n HT40	CH 102(Low Channel), CH 110(MID Channel), CH 134(High Channel)	5510 MHz, 5550 MHz, 5670 MHz

UNII-3 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11n HT20	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11n HT40	CH 151(Low Channel), CH 159(High Channel)	5755MHz, 5795MHz

Straddle Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 144	5720 MHz
802.11n HT20	CH 144	5720 MHz
802.11n HT40	CH 142	5710 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	MP tool

Mode	Freq(MHz)	TX Power Setting	
		ANT1	ANT2
802.11a	5180	13	14
	5200	13	14
	5240	13	14
	5260	14.5	15
	5280	14.5	15
	5320	14.5	15
	5500	13	14.5
	5580	13	14.5
	5700	13	14.5
	5720-2C	13	14.5
	5720-3	13	14.5
	5745	13	13
	5785	13	13
	5825	13	13
802.11n 20M	5180	13.5	13.5
	5200	13.5	13.5
	5240	13.5	13.5
	5260	14	14.5
	5280	14	14.5
	5320	14	14.5
	5500	12.5	13.5
	5580	12.5	13.5
	5700	13	13.5
	5720-2C	13	13.5
	5720-3	13	13.5
	5745	13	13.5
	5785	13	13.5
	5825	13	13.5
802.11n 40M	5190	14.5	14.5
	5230	14.5	14.5
	5270	14.5	14.5
	5310	14.5	14.5
	5510	13	13
	5550	13	13

	5670	13	13
	5710-2C	13	13
	5710-3	13	13
	5755	13	13
	5795	13	13

WORSE CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

802.11a 20 mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11n HT40 mode: MCS0

All modes only support SISO mode.

For all modes, only Antenna 1 worst case radiation test data were recorded in the report.

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	5150-5850	PCB antenna	3.86
2	5150-5850	PCB antenna	3.87

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11a	☒1TX, 1RX	ANT 1 or ANT 2 can be used as transmitting/receiving antenna.
802.11n HT20	☒1TX, 1RX	ANT 1 or ANT 2 can be used as transmitting/receiving antenna.
802.11n HT40	☒1TX, 1RX	ANT 1 or ANT 2 can be used as transmitting/receiving antenna.
Note: 1. BT&WLAN 2.4G, BT & WLAN 5G, WLAN 2.4G & WLAN 5G can't transmit simultaneously (Declared by client)		

5.7. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remark
1	Laptop	Lenovo	E14	/
2	AC Adaptor	Lenovo	ADLX65YLC3D	Input: AC 100-240V, 1.8A, 50-60Hz Output: DC 20V, 3.25A,65.0W Max

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	/	/	1.0	/

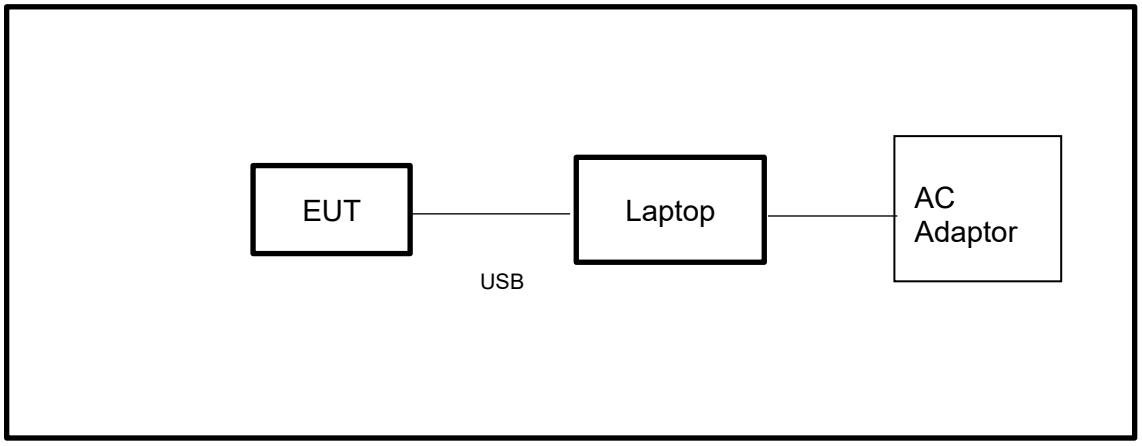
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

The EUT can work in engineering mode with a software through a Laptop.

SETUP DIAGRAM FOR TESTS



Note: The AC Adapter is used in AC Power Line Conducted Emission test only.

6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Dec.26,2025	Dec.25,2026
Vector Signal Generator	R&S	SMBV100A	261637	Sep.12, 2025	Sep.11, 2026
Signal Generator	R&S	SMB100A	178553	Sep.12, 2025	Sep.11, 2026
Signal Analyzer	R&S	FSV40	101118	Sep.12, 2025	Sep.11, 2026
Software					
Description	Manufacturer	Name	Version		
For R&S TS 8997 Test System	Rohde & Schwarz	EMC 32	10.60.10		
Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.12, 2025	Sep.11, 2026
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Sep.12, 2025	Sep.11, 2026
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Sep.12, 2025	Sep.11, 2026
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Sep.12, 2025	Sep.11, 2026
DC power supply	TSSTAKASAGO	ZX-400L	409150160137	Sep.12, 2025	Sep.11, 2026
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Sep.12, 2025	Sep.11, 2026
Attenuator	Aglient	8495B	2814a12853	Sep.12, 2025	Sep.11, 2026
RF Control Unit	Tonscend	JS0806-2	23B80620666	Dec.26,2025	Dec.25,2026
Software					
Description	Manufacturer	Name	Version		
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System	V3.2.22		

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Sep.12, 2025	Sep.11, 2026
Two-Line V-Network	R&S	ENV216	101983	Sep.12, 2025	Sep.11, 2026
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Sep.12, 2025	Sep.11, 2026
Software					
Description			Manufacturer	Name	Version
Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1

Radiated Emissions(Below 1G)					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep.12, 2025	Sep.11, 2026
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	June 28, 2024	June.27 2027
Preamplifier	HP	8447D	2944A09099	Sep.12, 2025	Sep.11, 2026
Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08, 2027
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

Radiated Emissions(Above 1G)					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Signal Analyzer	R&S	FSV40	101117	Sep.12, 2025	Sep.11, 2026
Preamplifier	TDK	PA-02-001-3000	TRS-302-00051	Sep.12, 2025	Sep.11, 2026
Horn Antenna	ETS-Lindgren	3117	00213191	Jan.29,2026	Jan.28,2029
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep.12, 2025	Sep.11, 2026
High Gain Horn Antenna	Schwarzbeck	BBHA-9170	697	Jun. 30, 2024	Jun. 29, 2027
Preamplifier	TDK	PA-02-2	TRS-307-00002	Sep.12, 2025	Sep.11, 2026
Preamplifier	TDK	PA-02-3	TRS-308-00002	Sep.12, 2025	Sep.11, 2026
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Sep.12, 2025	Sep.11, 2026

Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Sep.12, 2025	Sep.11, 2026
Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Sep.12, 2025	Sep.11, 2026
Band Reject Filter	Wainwright	WRCJV20-5440-5470-5725-5755-60SS	1	Sep.12, 2025	Sep.11, 2026

Software			
Description	Manufacturer	Name	Version
Test Software for Radiated Emission	Tonscend	JS32-RE	5.0.0
Test Software for Radiated Emissions	Farad	EZ-EMC	Ver. UL-3A1

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Sep.16, 2025	Sep.15, 2026
Barometer	Yiyi	Baro	N/A	Sep.19, 2025	Sep.18, 2026
Attenuator	Agilent	8495B	2814a12853	Sep.12, 2025	Sep.11, 2026

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

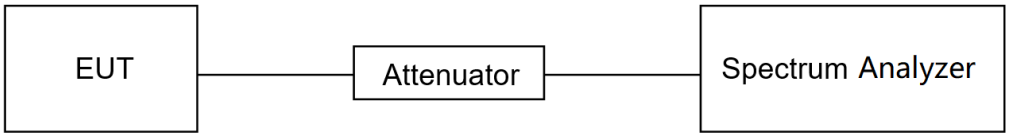
None; for reporting purposes only.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.B.

The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW ≥ EBW if possible; otherwise, set RBW to the largest available value. Set VBW ≥ RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

TEST SETUP



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	59.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.3V

TEST DATE / ENGINEER

Test Date	April 3, 2026	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix G

7.2. 6DB AND 26DB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

FCC 47 CFR Part15 Subpart E ISED RSS-247 ISSUE 4		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	For reporting purposes only.	5150 ~ 5250
26 dB Emission Bandwidth	For reporting purposes only.	5250 ~ 5350
26 dB Emission Bandwidth	For reporting purposes only.	5470 ~ 5725
6 dB Emission Bandwidth	The minimum 6 dB emission bandwidth shall be 500 kHz.	5725 ~ 5850
99 % Occupied Bandwidth	For reporting purposes only.	5150 ~ 5825 (For ISED)

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.C1. for 26 dB Emission Bandwidth; section II.C2. for 6 dB Emission Bandwidth; section II.D. for 99 % Occupied Bandwidth.
Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6 dB Emission Bandwidth: RBW=100 kHz For 26 dB Emission bandwidth: approximately 1 % of the EBW. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	For 6 dB Bandwidth: ≥ 3*RBW For 26 dB Bandwidth: >3*RBW For 99 % Bandwidth: >3*RBW
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.
b) Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6/26 dB relative to the maximum level measured in the fundamental emission.

Calculation for 99 % Bandwidth of UNII-2C and UNII-3 Straddle Channel:

For Example: Fundamental Frequency: 5720 MHz

99 % OBW: 21.00 MHz

Turning Frequency: 5725 MHz

99 % Bandwidth of UNII-2C Band Portion = (5725-(5720-(21.00/2)) = 15.50 MHz

99 % Bandwidth of UNII-3 Band Portion = (5720+(21.00/2)-5725) = 5.50 MHz

Calculation for 26 dB Bandwidth of UNII-2C Straddle Channel:

For Example: Fundamental frequency: 5720 MHz

26 dB BW: 20.00 MHz

FL: 5710.16 MHz

FH: 5730.16 MHz

Turning Frequency: 5725 MHz

26 dB Bandwidth of UNII-2C Band Portion = 5725-5710.16=14.84 MHz

Calculation for 6dB Bandwidth of UNII-3 Straddle Channel:

For Example: Fundamental frequency: 5720 MHz

6 dB BW: 16.44 MHz

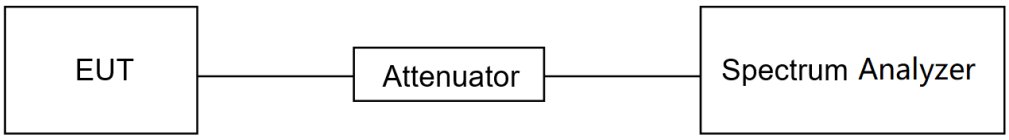
FL: 5711.76 MHz

FH: 5728.2 MHz

Turning Frequency: 5725 MHz

6 dB Bandwidth of UNII-3 band Portion = 5728.2-5725=3.2 MHz

TEST SETUP



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	59.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.3V

TEST DATE / ENGINEER

Test Date	April 3, 2026	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix A&B&C

7.3. CONDUCTED OUTPUT POWER

LIMITS

FCC 47 CFR Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1 W (30 dBm) ☐ Indoor Access Point: 1 W (30 dBm) ☐ Fixed Point-To-Point Access Points: 1 W (30 dBm) ☒ Client Devices: 250 mW (24 dBm)	5150 ~ 5250
	Shall not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.	5250 ~ 5350 5470 ~ 5725
	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850

ISED RSS-247 ISSUE 4		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power or e.i.r.p.	The maximum e.i.r.p. shall not exceed 200 mW (23 dBm) or 10 + 10 $\log_{10}$B, dBm, whichever power is less. B is the 99 % emission bandwidth in megahertz.	5150 ~ 5250
	a. The maximum conducted output power shall not exceed 250 mW (24 dBm) or 11 + 10 $\log_{10}$B dBm, whichever is less. b. The maximum e.i.r.p. shall not exceed 1.0 W (30 dBm) or 17 + 10 $\log_{10}$B dBm, whichever is less. B is the 99 % emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.	5250 ~ 5350 5470 ~ 5725
	Shall not exceed 1 Watt (30 dBm). The e.i.r.p. shall not exceed 4 W	5725 ~ 5850

Note:
The above limits are based upon the maximum antenna gain does not exceed 6 dBi.
If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.E.

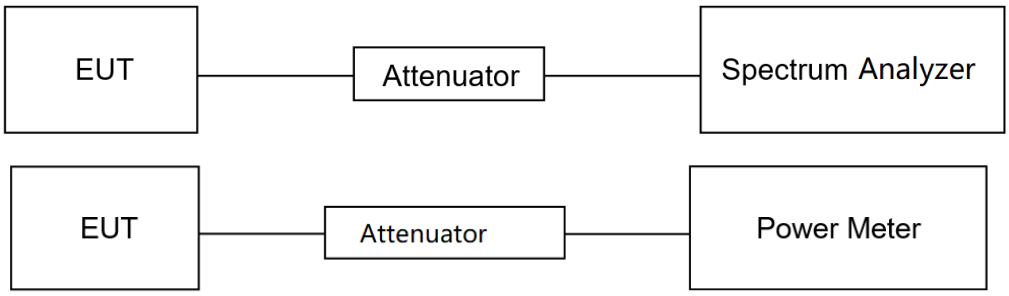
Method SA-2 (trace averaging across ON and OFF times of the EUT transmissions, followed by duty cycle correction.):
(a) Measure the duty cycle D of the transmitter output signal.
(b) Set span to encompass the entire 26 dB EBW or 99% OBW of the signal.

(c) Set RBW = 1 MHz.
(d) Set VBW ⩾ 3 MHz.
(e) Number of points in sweep ⩾ [2 × span / RBW]. (This gives bin-to-bin spacing ⩽ RBW / 2, so that narrowband signals are not lost between frequency bins.)
(f) Sweep time = auto.
(g) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
(h) Do not use sweep triggering. Allow the sweep to "free run."
(i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
j) Compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument's band power measurement function with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.
k) Add [10 log (1 / D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add [10 log (1 / 0.25)] = 6 dB if the duty cycle is 25%.

Method PM (Measurement using an RF average power meter):
(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
b. At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
c. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
(iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25 %).

Note: Method SA-2 was used for straddle channel output power test, and Method PM was used for testing rest channels

TEST SETUP



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	59.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.3V

TEST DATE / ENGINEER

Test Date	April 3, 2026	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.4. POWER SPECTRAL DENSITY

LIMITS

FCC 47 CFR Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	☐ Outdoor Access Point: 17 dBm/MHz ☐ Indoor Access Point: 17 dBm/MHz ☐ Fixed Point-To-Point Access Points: 17 dBm/MHz ☒ Client Devices: 11 dBm/MHz	5150 ~ 5250
	11 dBm/MHz	5250 ~ 5350 5470 ~ 5725
	30 dBm/500kHz	5725 ~ 5850

ISED RSS-247 ISSUE 4		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	5150 ~ 5250
	The power spectral density shall not exceed 11 dBm inany 1.0 MHz band.	5250 ~ 5350 5470 ~ 5725
	30 dBm / 500 kHz	5725 ~ 5850

Note:
The above limits are based upon the maximum antenna gain does not exceed 6 dBi.
If transmitting antennas of directional gain greater than 6 dBi are used, maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

Connect the EUT to the spectrum analyzer and use the following settings:

For U-NII-1, U-NII-2A and U-NII-2C band:

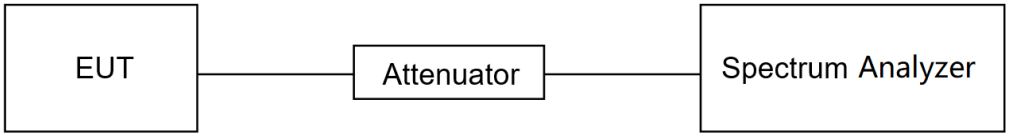
Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1 MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

For U-NII-3:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

Allow trace to fully stabilize and use the peak search function on the instrument to find the peak of the spectrum and record its value.
Add 10 log (1/x), where x is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz / 500 kHz reference bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	59.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.3V

TEST DATE / ENGINEER

Test Date	April 3, 2026	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix E

7.5. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 70 °C (declared by customer).

2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

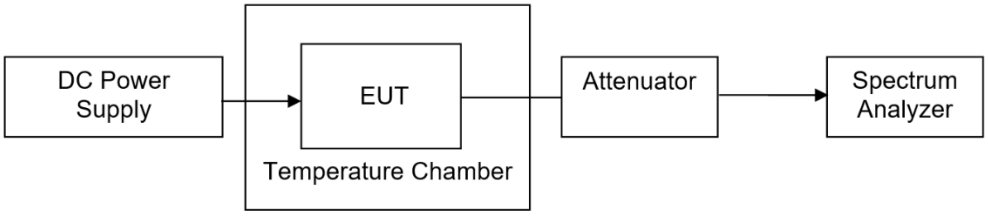
4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5minutes, and 10 minutes after the EUT is energized.

5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	T_N (Normal Temperature): 25.2 °C	T_L (Low Temperature): 0 °C
		T_H (High Temperature): 70 °C
Supply Voltage	V_N (Normal Voltage): DC 3.3 V	V_L (Low Voltage): DC 2.805 V
		V_H (High Voltage): DC 3.795 V

TEST SETUP



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	59.2%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.3V

TEST DATE / ENGINEER

Test Date	April 3, 2026	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix F

7.6. DYNAMIC FREQUENCY SELECTION (SLAVE)

LIMITS

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

APPLICABILITY OF DFS REQUIREMENTS

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.
Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	☐ Master	☒ Client Without Radar Detection	☐ Client With Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	☐ Master Device or Client with Radar Detection	☒ Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	☐ Master Device or Client with Radar Detection	☒ Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

PARAMETERS OF RADAR TEST WAVEFORMS

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

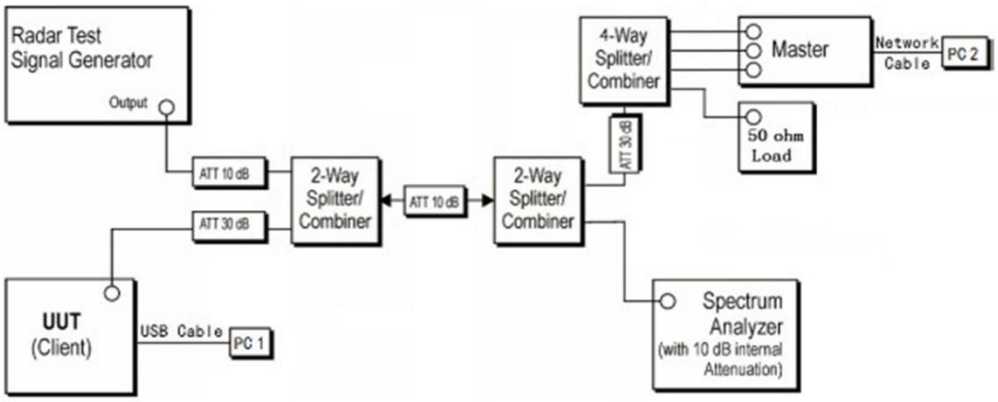
Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	59.2%

Atmosphere Pressure	101kPa	Test Voltage	DC 3.3V

TEST DATE / ENGINEER

Test Date	April 3, 2026	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix H

8. RADIATED TEST RESULTS

LIMITS

Refer to FCC 47 CFR §15.205, §15.209 and §15.407 (b).

Refer to ISED RSS-GEN Clause 8.9, Clause 8.10 and ISED RSS-247 7.3.

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency	Magnetic field strength (H-Field) (µA/m)	Measurement distance (m)
9 - 490 kHz[Note 1]	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

ISED Restricted bands refer to ISED RSS-GEN Clause 8.10

Table 7 – Restricted frequency bands[Note 1]		
MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 – 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 – 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 – 8500	
108 – 138		

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

FCC Restricted bands of operation refer to FCC 47 CFR §15.205 (a):

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to FCC 47 CFR §15.407 (b) and ISED RSS-247 7.3.

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz)	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK: -27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK: -27 (dBm/MHz) *1 PK: 10 (dBm/MHz) *2 PK: 15.6 (dBm/MHz) *3 PK: 27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK: 105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK: 122.2 (dBμV/m) *4
Note: *1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyzer

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.4.

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.5.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz

The setting of the spectrum analyzer

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

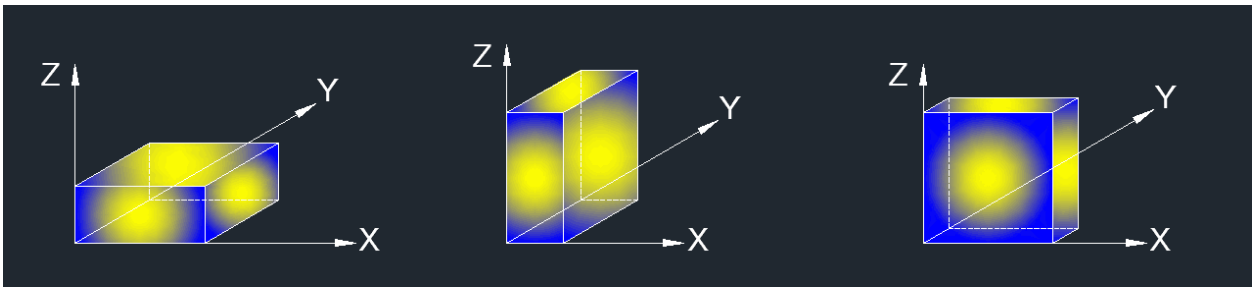
3. The EUT was placed on a turntable with 1.5 m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Y axis) data recorded in the report.

For Restricted Bandedge:
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes and antennas have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (9 kHz ~ 30 MHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. All modes have been tested, but only the worst data was recorded in the report.
5. dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5

For Radiate Spurious Emission (30 MHz ~ 1 GHz):
Note:
1. Result Level = Read Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All modes and antennas have been tested, but only the worst data was recorded in the report.

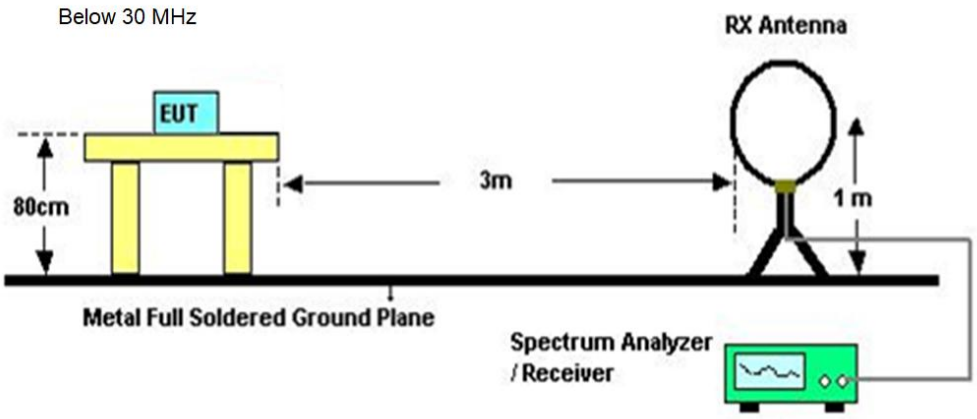
For Radiate Spurious Emission (1 GHz ~ 8 GHz):
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes and antennas have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (8 GHz ~ 18 GHz):
Note:
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes and antennas have been tested, but only the worst data of 802.11a was recorded in the report.

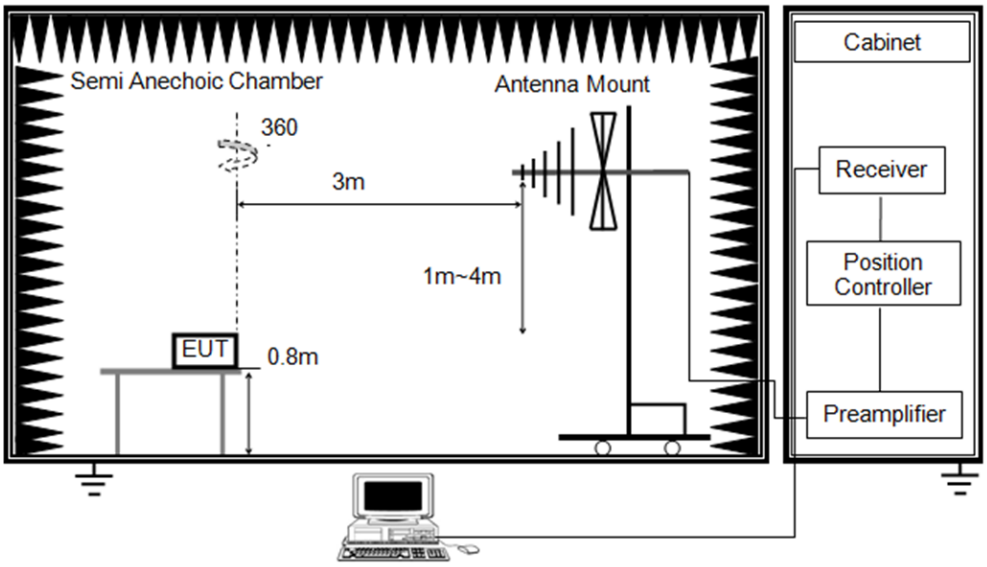
For Radiate Spurious emission (18 GHz ~ 26 GHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes and antennas have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (26 GHz ~ 40 GHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes and antennas have been tested, but only the worst data was recorded in the report.

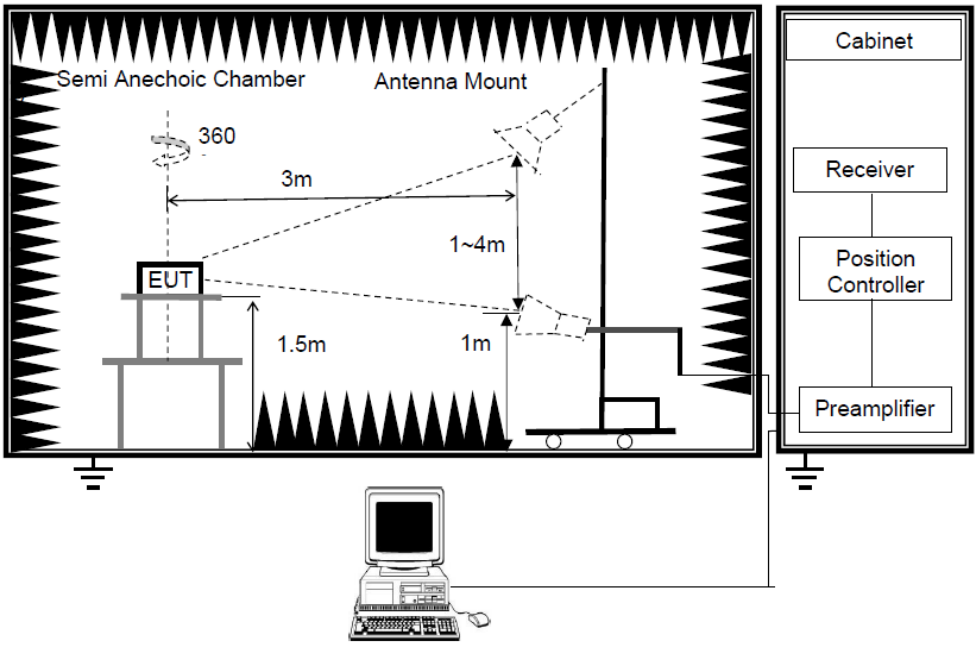
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1GHz



TEST ENVIRONMENT

Temperature	22.3℃	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	

TEST DATE / ENGINEER

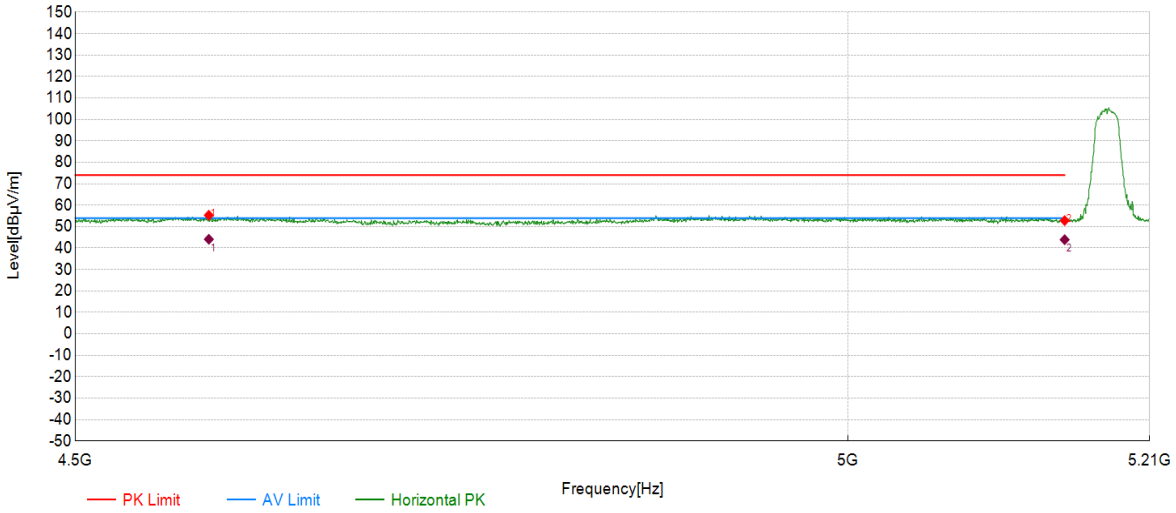
Test Date	April 11, 2026	Test By	Leslie Xie

TEST RESULTS

8.1. RESTRICTED BANDEDGE

Project Information			
Test Mode	802.11a	Frequency	5180
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



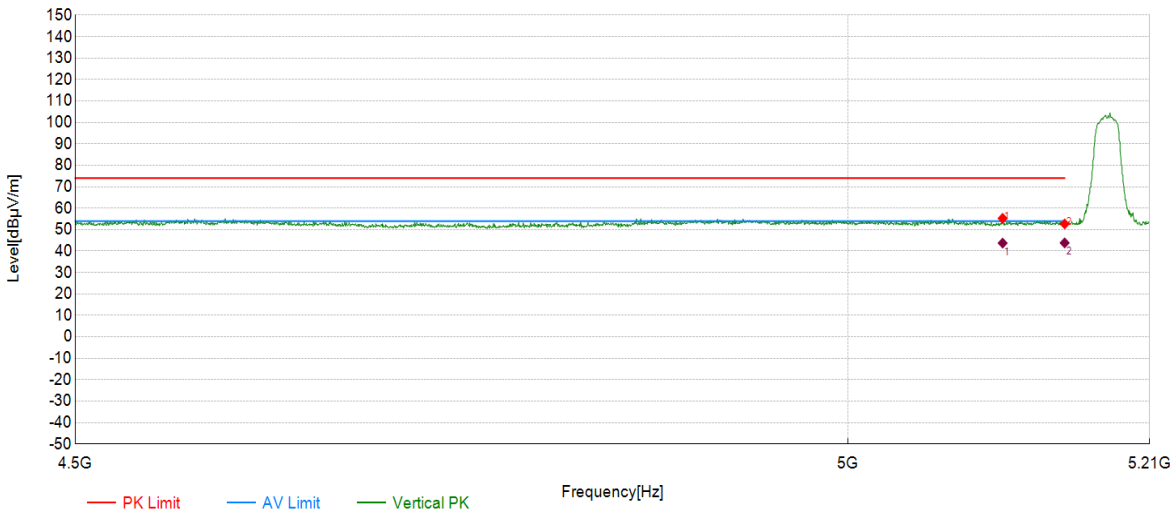
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4582.76	41.24	55.33	14.09	74.00	18.67	PK	Horizontal	PASS
2	5150.00	39.50	52.83	13.33	74.00	21.17	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	4582.76	14.09	30.01	44.10	54.00	9.90	Horizontal	PASS
2	5150.00	13.32	30.59	43.91	54.00	10.09	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5180
Bandwidth	20M	Polarity	V
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



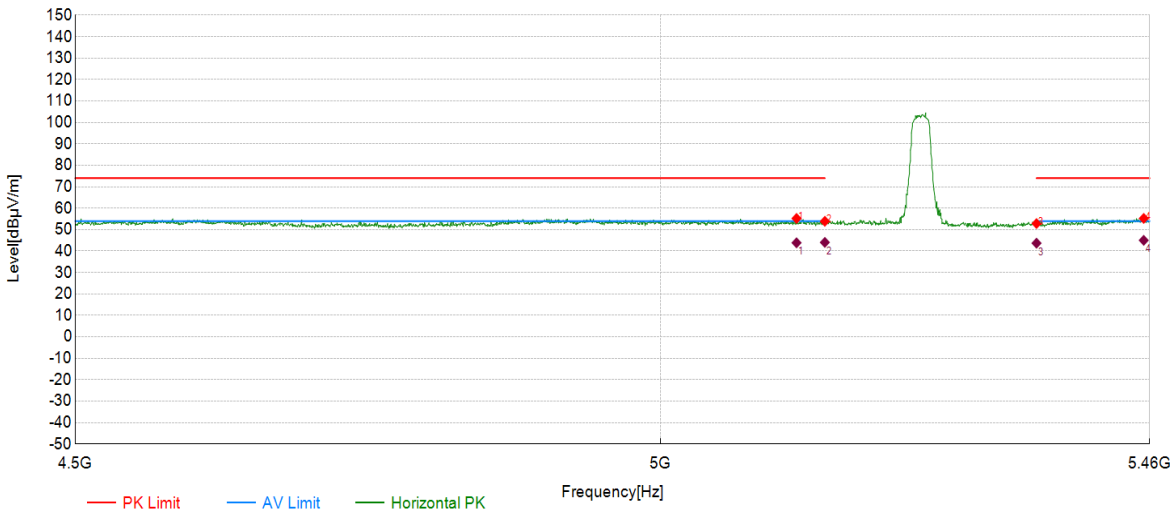
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5106.64	42.12	55.28	13.16	74.00	18.72	PK	Vertical	PASS
2	5150.00	39.34	52.67	13.33	74.00	21.33	PK	Vertical	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5106.64	13.16	30.57	43.73	54.00	10.27	Vertical	PASS
2	5150.00	13.32	30.49	43.81	54.00	10.19	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5240
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



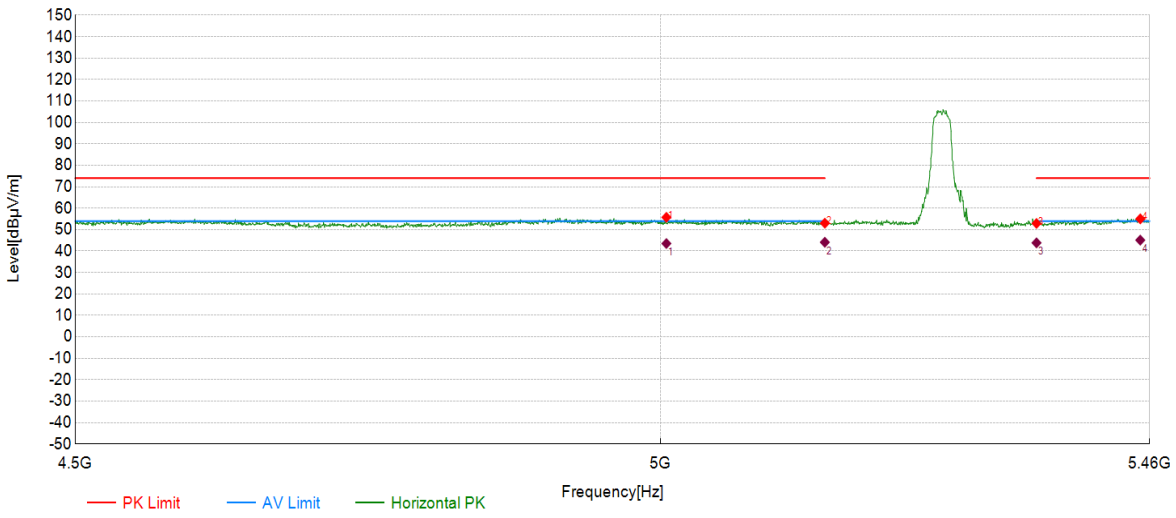
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5123.83	42.01	55.23	13.22	74.00	18.77	PK	Horizontal	PASS
2	5150.00	40.57	53.90	13.33	74.00	20.10	PK	Horizontal	PASS
3	5350.00	38.54	52.86	14.32	74.00	21.14	PK	Horizontal	PASS
4	5454.24	39.12	55.24	16.12	74.00	18.76	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5123.83	13.22	30.64	43.86	54.00	10.14	Horizontal	PASS
2	5150.00	13.32	30.74	44.06	54.00	9.94	Horizontal	PASS
3	5350.00	14.32	29.37	43.69	54.00	10.31	Horizontal	PASS
4	5454.24	16.12	28.90	45.02	54.00	8.98	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5260
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



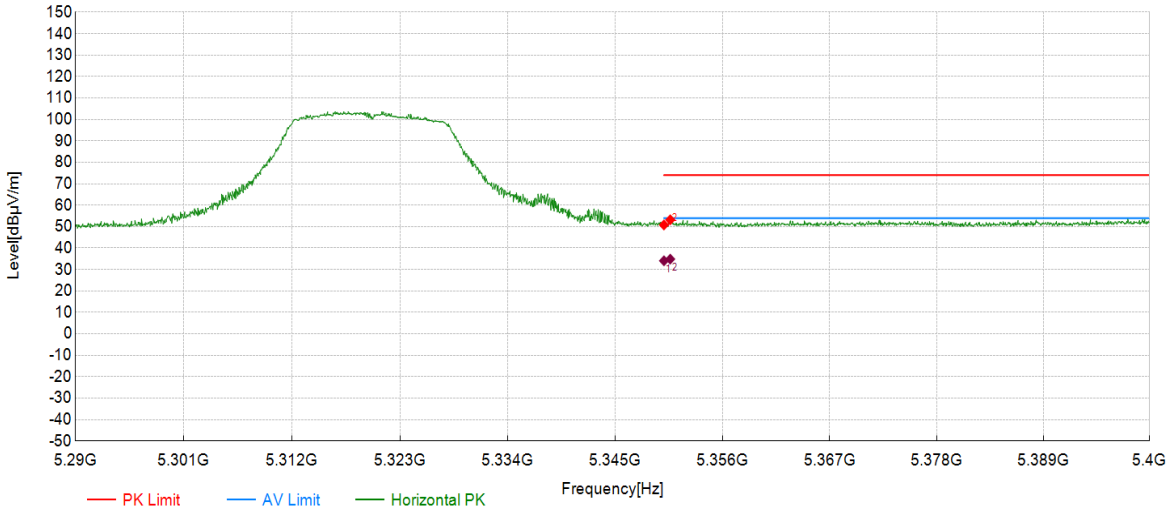
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5005.21	42.62	55.76	13.14	74.00	18.24	PK	Horizontal	PASS
2	5150.00	39.68	53.01	13.33	74.00	20.99	PK	Horizontal	PASS
3	5350.00	38.58	52.90	14.32	74.00	21.10	PK	Horizontal	PASS
4	5450.88	38.97	55.03	16.06	74.00	18.97	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5005.21	13.14	30.38	43.52	54.00	10.48	Horizontal	PASS
2	5150.00	13.32	30.80	44.12	54.00	9.88	Horizontal	PASS
3	5350.00	14.32	29.52	43.84	54.00	10.16	Horizontal	PASS
4	5450.88	16.06	29.05	45.11	54.00	8.89	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5320
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



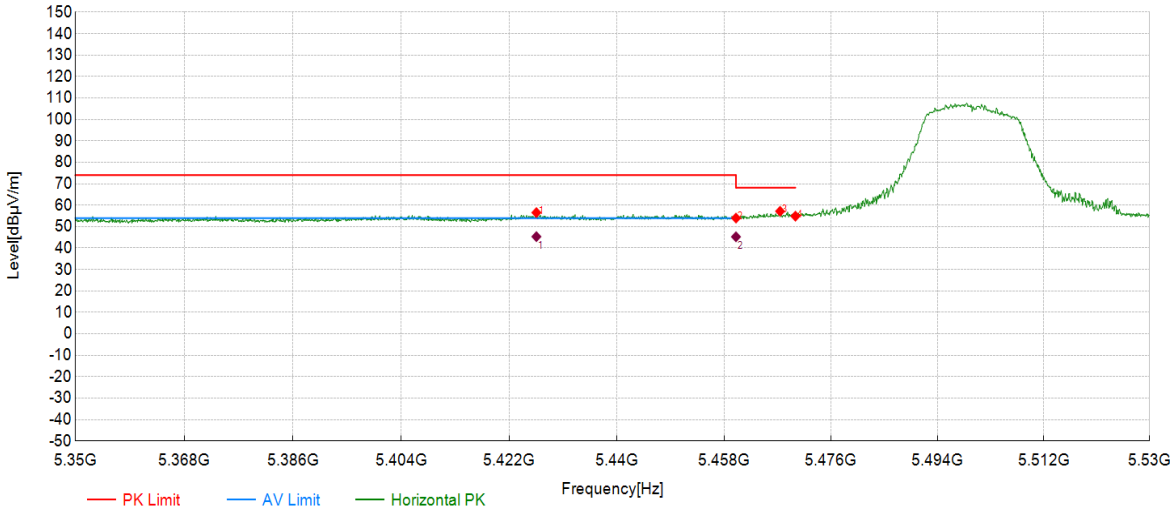
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5350.00	38.07	50.79	12.72	74.00	23.21	PK	Horizontal	PASS
2	5350.64	40.47	53.20	12.73	74.00	20.80	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5350.00	12.72	21.36	34.08	54.00	19.92	Horizontal	PASS
2	5350.64	12.73	22.11	34.84	54.00	19.16	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5500
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



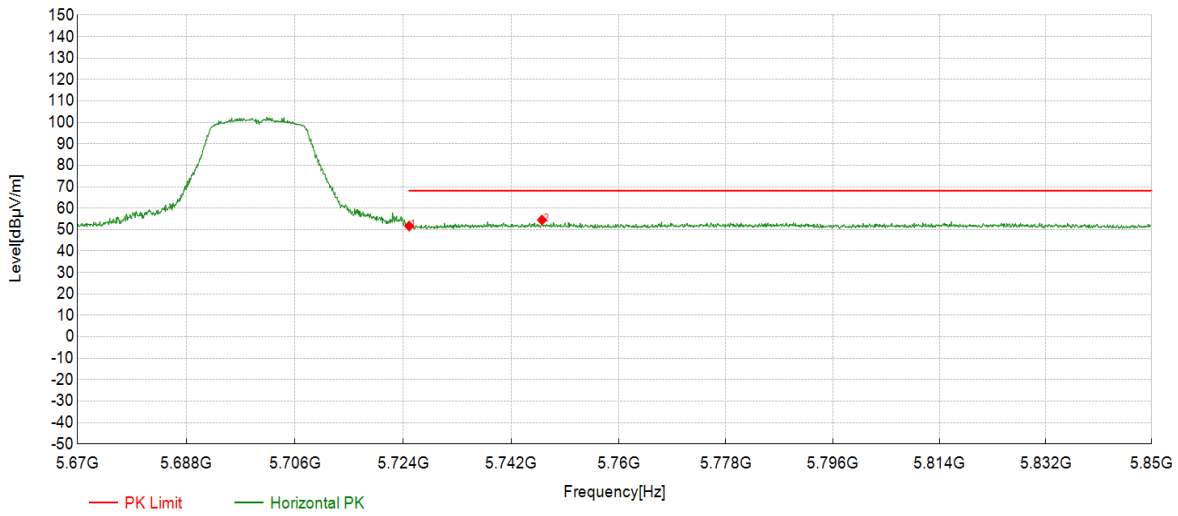
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5426.54	40.96	56.55	15.59	74.00	17.45	PK	Horizontal	PASS
2	5460.00	37.76	54	16.24	74.00	20	PK	Horizontal	PASS
3	5467.42	40.8	57.18	16.38	68.20	11.02	PK	Horizontal	PASS
4	5470.00	38.44	54.88	16.44	68.20	13.32	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5426.54	15.59	29.75	45.34	54.00	8.66	Horizontal	PASS
2	5460.00	16.24	29.02	45.26	54.00	8.74	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5700
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

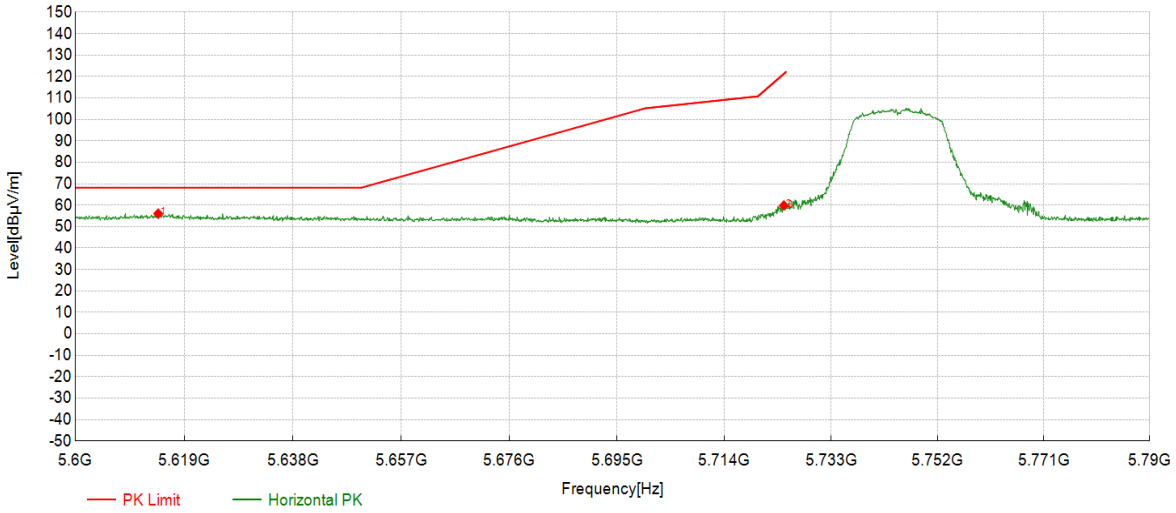


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5725.00	39.06	51.68	12.62	68.20	16.52	PK	Horizontal	PASS
2	5747.17	41.83	54.52	12.69	68.20	13.68	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5745
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

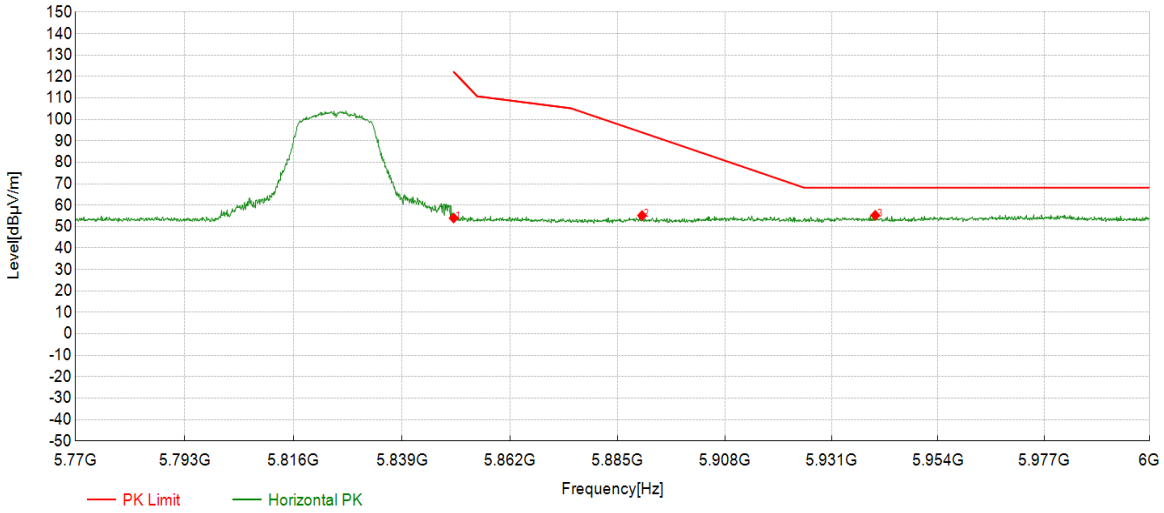


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5614.45	40.69	56.06	15.37	68.20	12.14	PK	Horizontal	PASS
2	5724.61	45.63	59.84	14.21	121.30	61.46	PK	Horizontal	PASS
3	5725.00	44.88	59.10	14.22	122.20	63.10	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5825
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

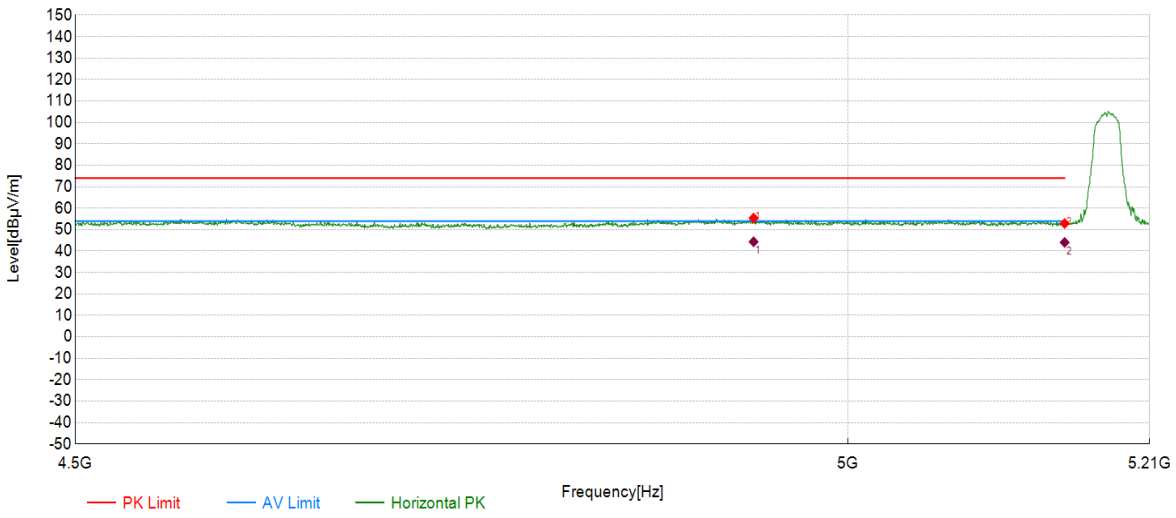


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5850.00	39.65	54.01	14.36	122.20	68.19	PK	Horizontal	PASS
2	5890.24	40.88	55.18	14.30	93.93	38.75	PK	Horizontal	PASS
3	5940.40	40.78	55.28	14.50	68.20	12.92	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5180
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



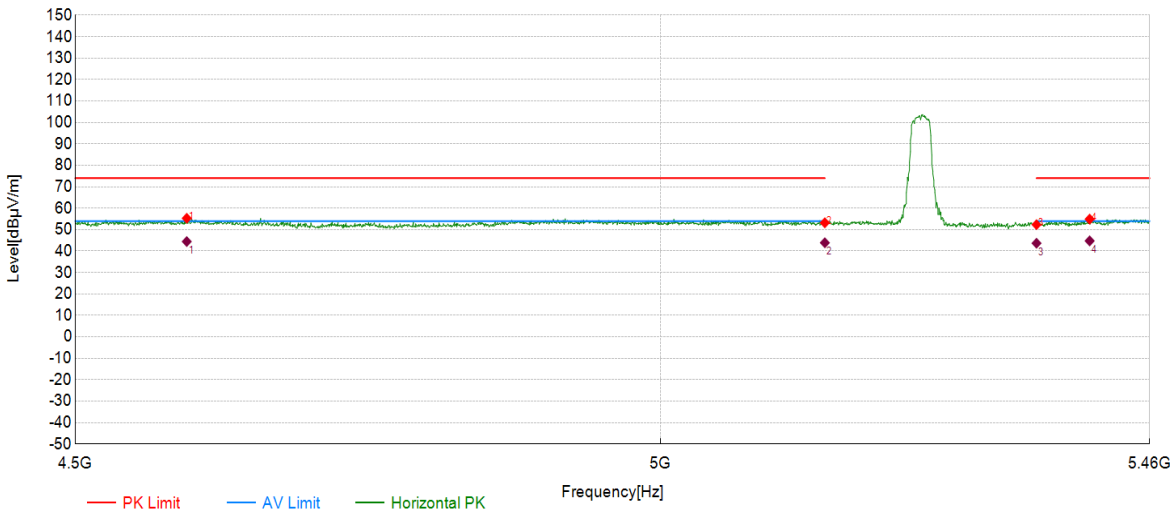
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4936.16	41.73	55.39	13.66	74.00	18.61	PK	Horizontal	PASS
2	5150.00	39.54	52.87	13.33	74.00	21.13	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	4936.16	13.66	30.67	44.33	54.00	9.67	Horizontal	PASS
2	5150.00	13.32	30.73	44.05	54.00	9.95	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5240
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



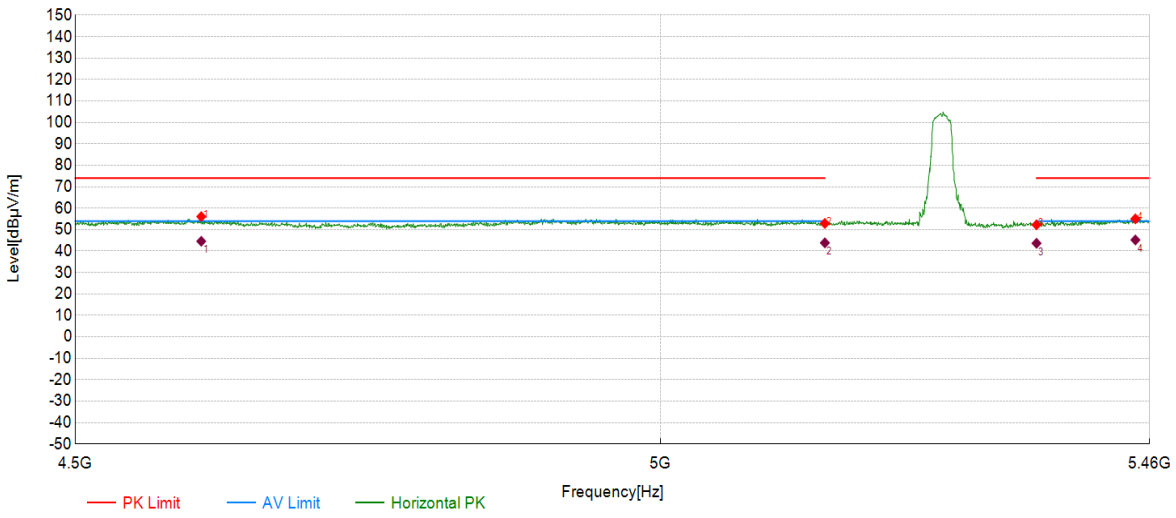
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4591.25	41.14	55.30	14.16	74.00	18.70	PK	Horizontal	PASS
2	5150.00	39.87	53.20	13.33	74.00	20.80	PK	Horizontal	PASS
3	5350.00	38.02	52.34	14.32	74.00	21.66	PK	Horizontal	PASS
4	5401.41	39.79	54.90	15.11	74.00	19.10	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	4591.25	14.16	30.28	44.44	54.00	9.56	Horizontal	PASS
2	5150.00	13.32	30.56	43.88	54.00	10.12	Horizontal	PASS
3	5350.00	14.32	29.34	43.66	54.00	10.34	Horizontal	PASS
4	5401.41	15.11	29.64	44.75	54.00	9.25	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5260
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



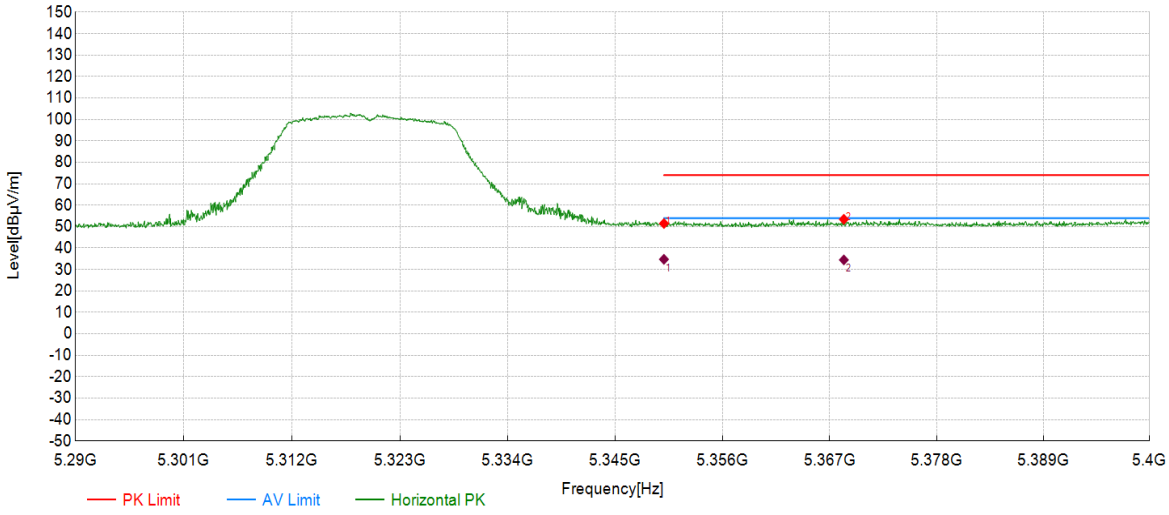
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	4603.25	41.92	56.10	14.18	74.00	17.90	PK	Horizontal	PASS
2	5150.00	39.57	52.90	13.33	74.00	21.10	PK	Horizontal	PASS
3	5350.00	37.95	52.27	14.32	74.00	21.73	PK	Horizontal	PASS
4	5446.07	39.07	55.04	15.97	74.00	18.96	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	4603.25	14.18	30.41	44.59	54.00	9.41	Horizontal	PASS
2	5150.00	13.32	30.52	43.84	54.00	10.16	Horizontal	PASS
3	5350.00	14.32	29.31	43.63	54.00	10.37	Horizontal	PASS
4	5446.07	15.97	29.22	45.19	54.00	8.81	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5320
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



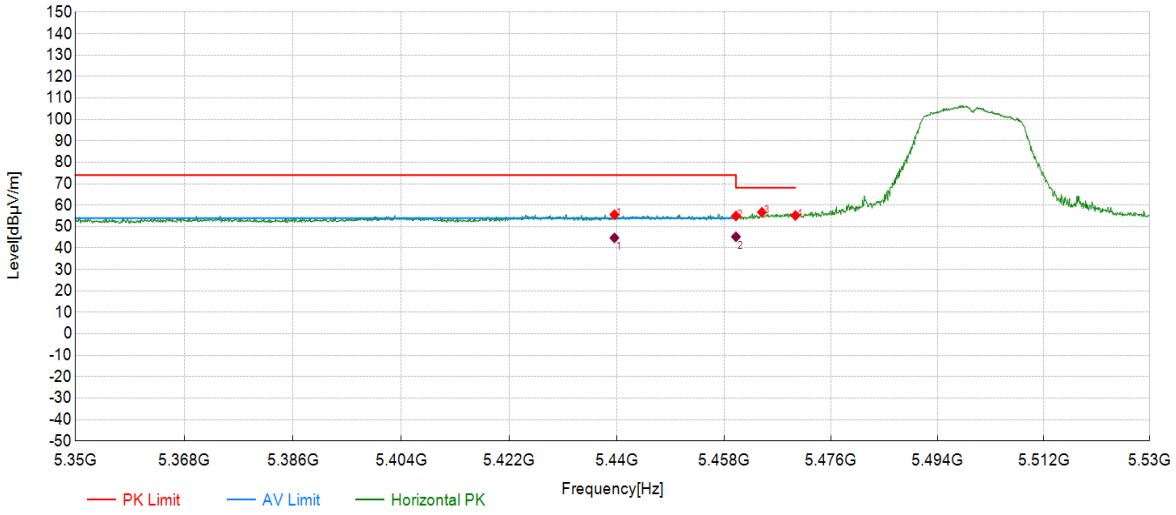
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5350.00	38.74	51.46	12.72	74.00	22.54	PK	Horizontal	PASS
2	5368.47	40.43	53.43	13.00	74.00	20.57	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5350.00	12.72	22.04	34.76	54.00	19.24	Horizontal	PASS
2	5368.47	13.00	21.47	34.47	54.00	19.53	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5500
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



PEAK Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5439.59	39.75	55.59	15.84	74.00	18.41	PK	Horizontal	PASS
2	5460.00	38.74	54.98	16.24	74.00	19.02	PK	Horizontal	PASS
3	5464.36	40.4	56.72	16.32	68.20	11.48	PK	Horizontal	PASS
4	5470.00	38.76	55.2	16.44	68.20	13	PK	Horizontal	PASS

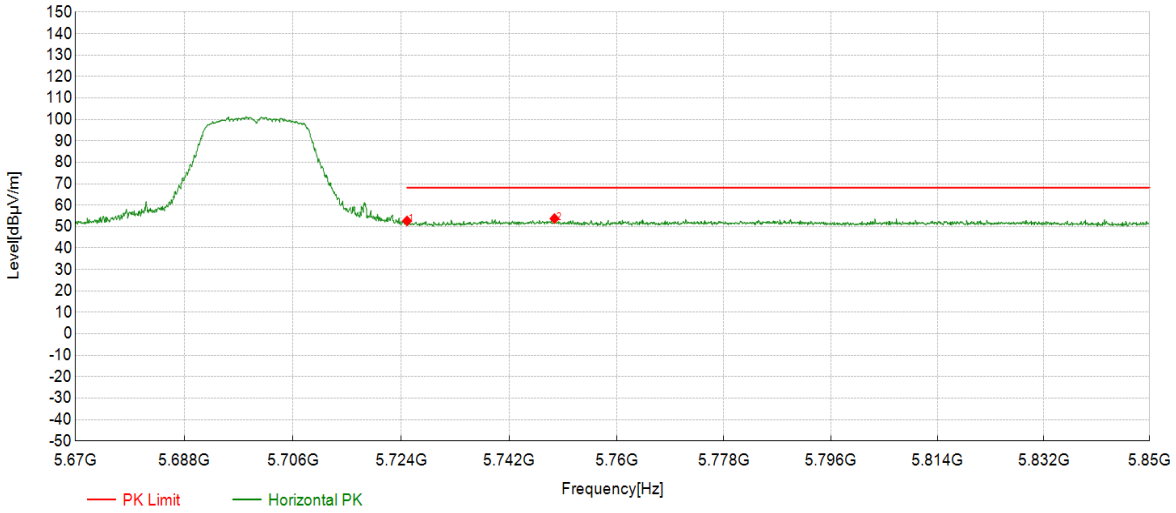
AVG Data List

NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5439.59	15.84	28.92	44.76	54.00	9.24	Horizontal	PASS
2	5460.00	16.24	29.02	45.26	54.00	8.74	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5700
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

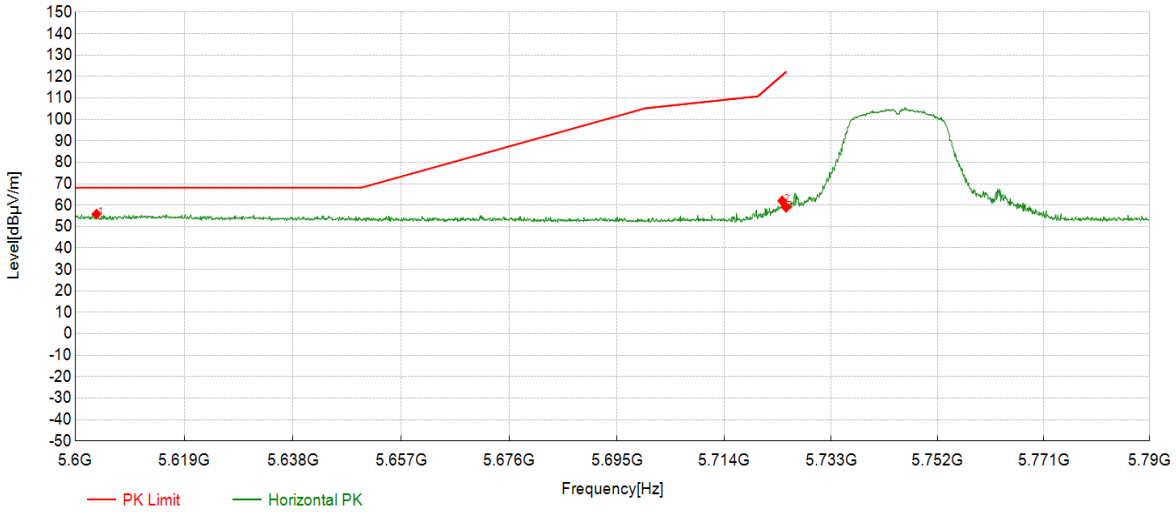


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5725.00	40.06	52.68	12.62	68.20	15.52	PK	Horizontal	PASS
2	5749.60	41.07	53.76	12.69	68.20	14.44	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5745
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

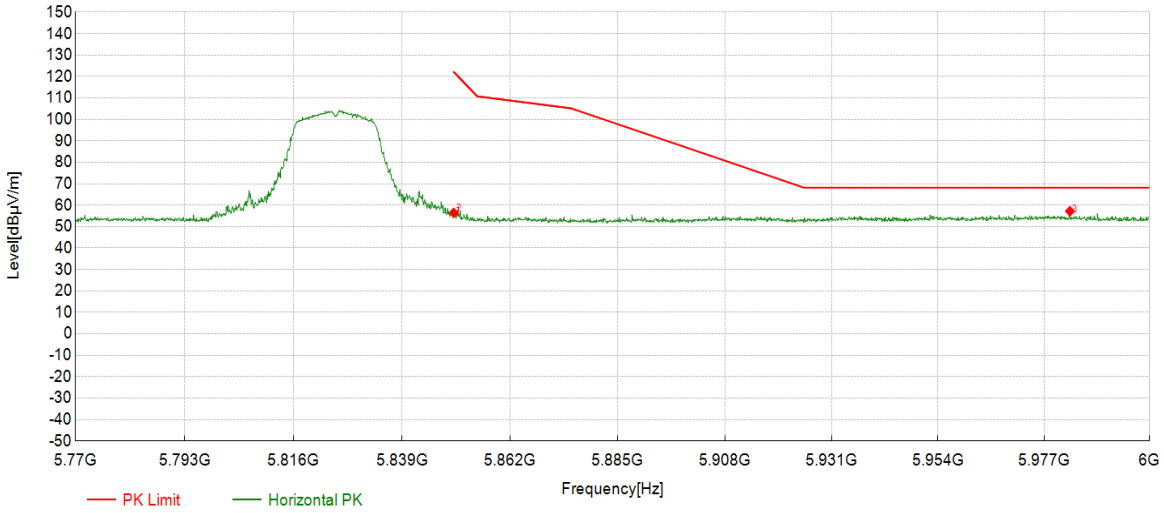


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5603.71	40.34	55.87	15.53	68.20	12.33	PK	Horizontal	PASS
2	5724.32	47.80	62.01	14.21	120.65	58.64	PK	Horizontal	PASS
3	5725.00	44.73	58.95	14.22	122.20	63.25	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5825
Bandwidth	20M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

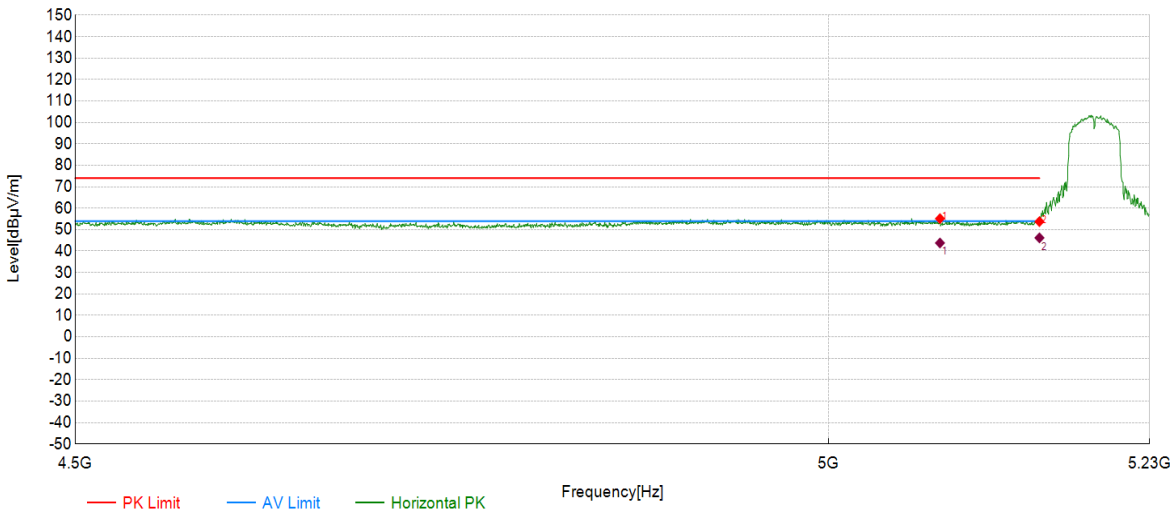


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5850.00	42.05	56.41	14.36	122.20	65.79	PK	Horizontal	PASS
2	5850.20	43.09	57.45	14.36	121.76	64.31	PK	Horizontal	PASS
3	5982.63	42.47	57.20	14.73	68.20	11.00	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5190
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



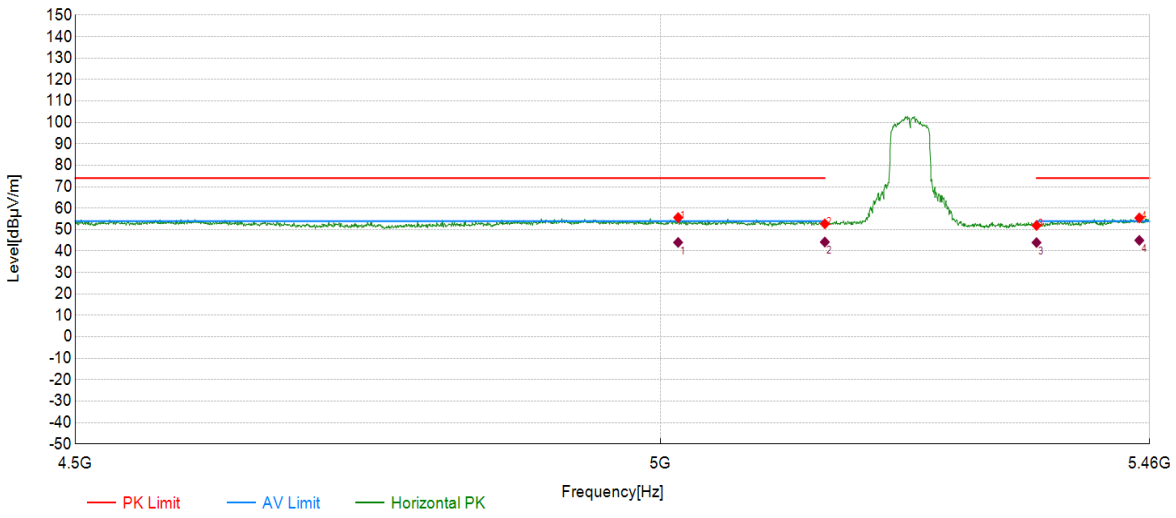
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5078.81	42.01	55.14	13.13	74.00	18.86	PK	Horizontal	PASS
2	5150.00	40.42	53.75	13.33	74.00	20.25	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5078.81	13.13	30.64	43.77	54.00	10.23	Horizontal	PASS
2	5150.00	13.32	32.85	46.17	54.00	7.83	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5230
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



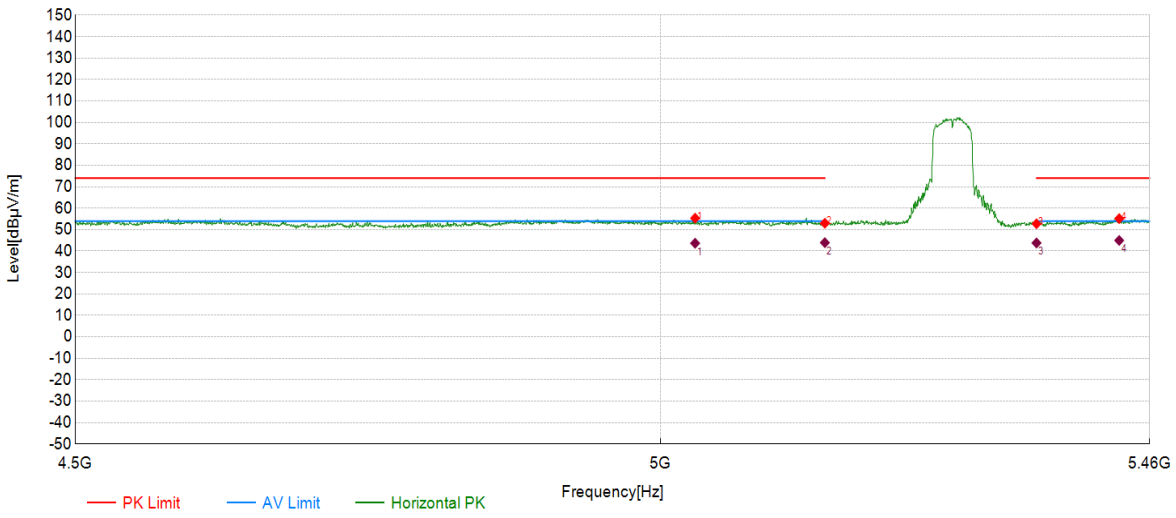
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5015.78	42.50	55.64	13.14	74.00	18.36	PK	Horizontal	PASS
2	5150.00	39.37	52.70	13.33	74.00	21.30	PK	Horizontal	PASS
3	5350.00	37.61	51.93	14.32	74.00	22.07	PK	Horizontal	PASS
4	5449.91	39.43	55.47	16.04	74.00	18.53	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5015.78	13.14	30.90	44.04	54.00	9.96	Horizontal	PASS
2	5150.00	13.32	30.90	44.22	54.00	9.78	Horizontal	PASS
3	5350.00	14.32	29.64	43.96	54.00	10.04	Horizontal	PASS
4	5449.91	16.04	28.95	44.99	54.00	9.01	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5270
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



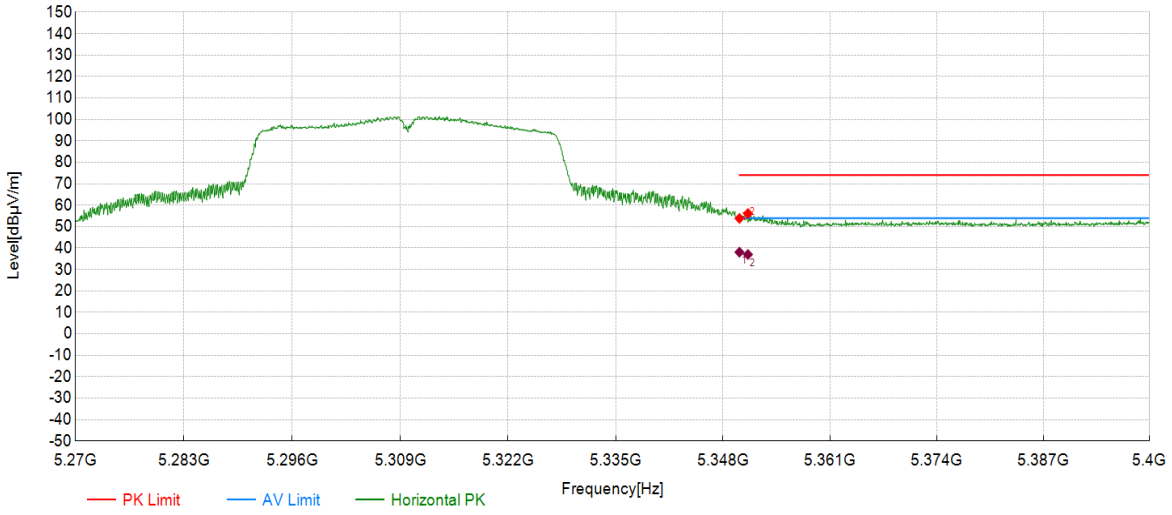
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5031.15	42.22	55.35	13.13	74.00	18.65	PK	Horizontal	PASS
2	5150.00	39.66	52.99	13.33	74.00	21.01	PK	Horizontal	PASS
3	5350.00	38.42	52.74	14.32	74.00	21.26	PK	Horizontal	PASS
4	5430.23	39.50	55.16	15.66	74.00	18.84	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5031.15	13.13	30.54	43.67	54.00	10.33	Horizontal	PASS
2	5150.00	13.32	30.61	43.93	54.00	10.07	Horizontal	PASS
3	5350.00	14.32	29.46	43.78	54.00	10.22	Horizontal	PASS
4	5430.22	15.66	29.31	44.97	54.00	9.03	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5310
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



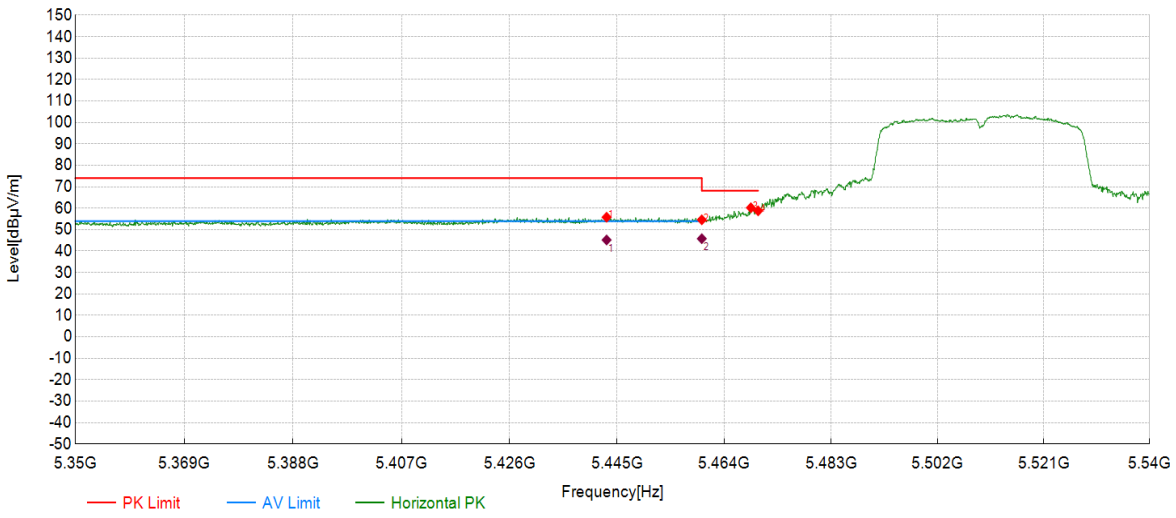
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5350.00	41.12	53.84	12.72	74.00	20.16	PK	Horizontal	PASS
2	5351.03	43.39	56.12	12.73	74.00	17.88	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5350.00	12.72	25.36	38.08	54.00	15.92	Horizontal	PASS
2	5351.03	12.73	24.29	37.02	54.00	16.98	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5510
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



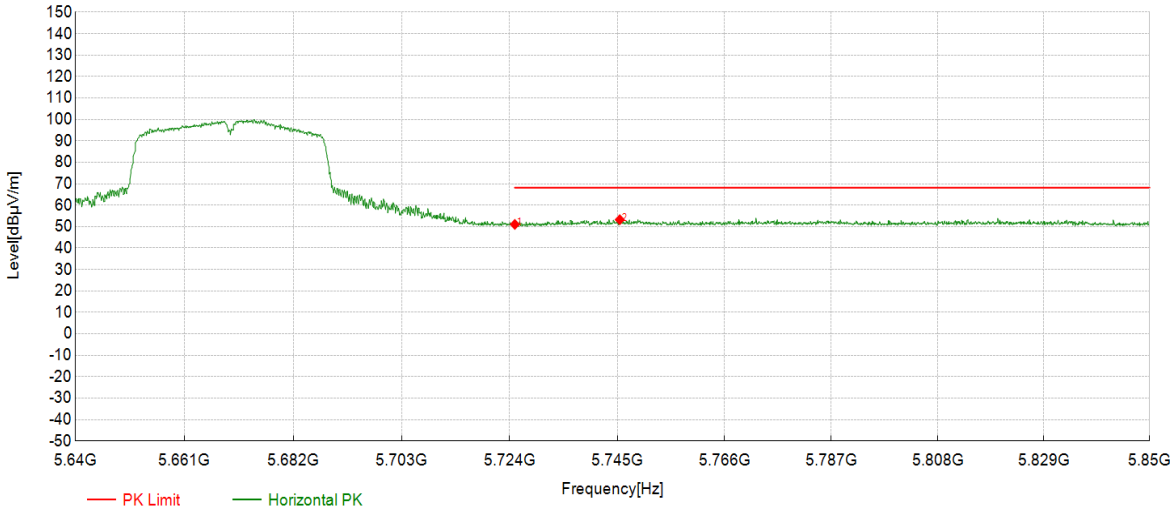
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5443.15	39.89	55.8	15.91	74.00	18.2	PK	Horizontal	PASS
2	5460.00	38.34	54.58	16.24	74.00	19.42	PK	Horizontal	PASS
3	5468.71	43.82	60.22	16.4	68.20	7.98	PK	Horizontal	PASS
4	5470.00	42.34	58.78	16.44	68.20	9.42	PK	Horizontal	PASS

AVG Data List								
NO.	Frequency [MHz]	Factor [dB/m]	AV Reading [dBµV/m]	AV Value [dBµV/m]	AV Limit [dBµV/m]	AV Margin [dB]	Polarity	Verdict
1	5443.15	15.91	29.27	45.18	54.00	8.82	Horizontal	PASS
2	5460.00	16.24	29.54	45.78	54.00	8.22	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5670
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

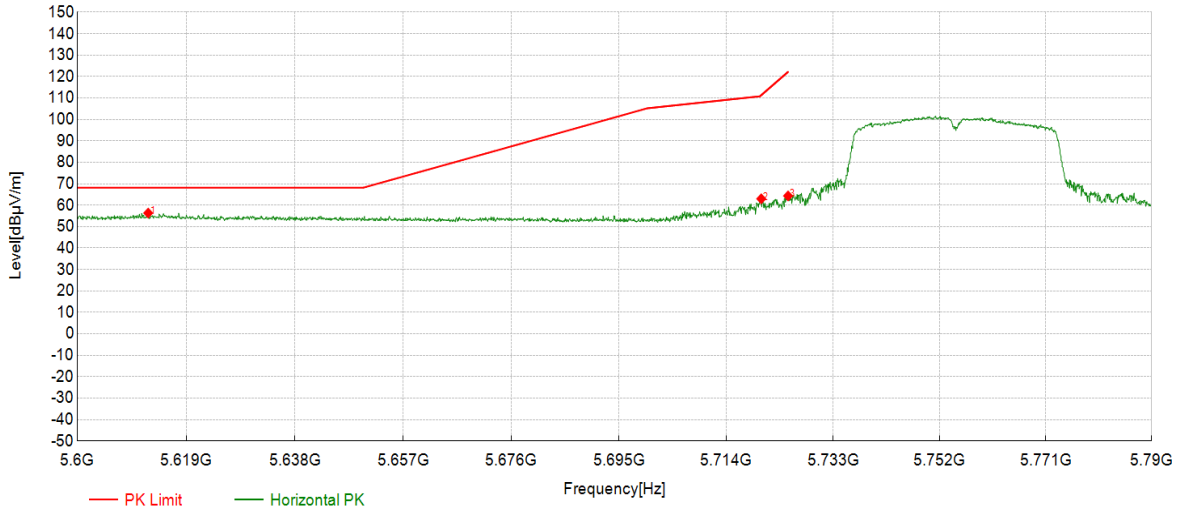


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5725.00	38.43	51.05	12.62	68.20	17.15	PK	Horizontal	PASS
2	5745.47	40.58	53.26	12.68	68.20	14.94	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5755
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph

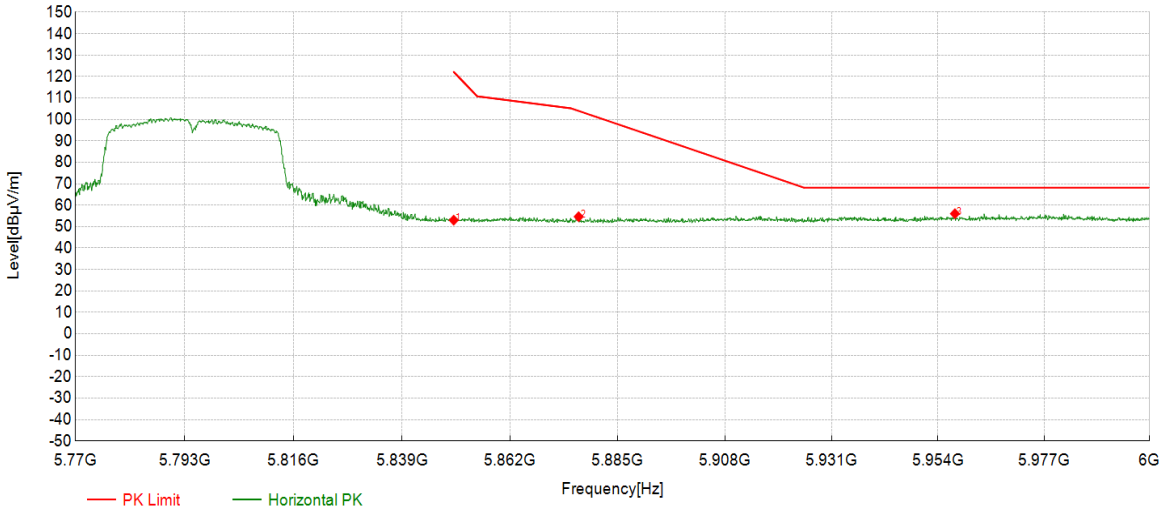


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5612.36	40.96	56.36	15.40	68.20	11.84	PK	Horizontal	PASS
2	5720.24	48.80	63.00	14.20	111.34	48.34	PK	Horizontal	PASS
3	5725.00	50.13	64.35	14.22	122.20	57.85	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11n HT	Frequency	5795
Bandwidth	40M	Polarity	H
Environment	Temp: 22.3℃; Humi:56%	Test Date	2026-04-11
Note	\	Engineer	Leslie Xie

Test Graph



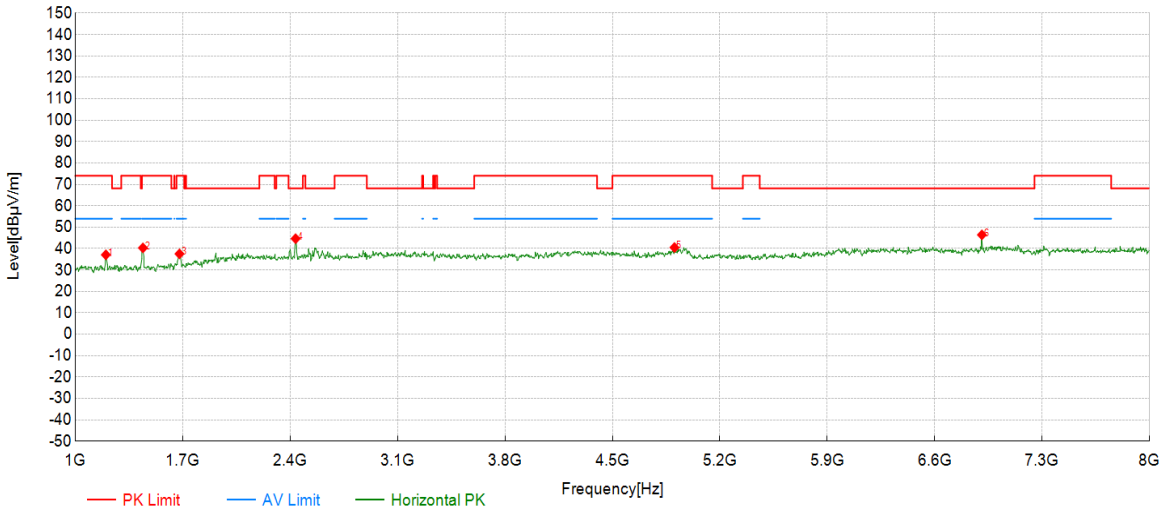
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	5850.00	38.67	53.03	14.36	122.20	69.17	PK	Horizontal	PASS
2	5876.66	40.31	54.63	14.32	103.97	49.34	PK	Horizontal	PASS
3	5957.66	41.45	56.04	14.59	68.20	12.16	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

8.2. SPURIOUS EMISSIONS(1 GHZ~8 GHZ)

Project Information			
Test Mode	802.11a	Frequency	5180
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

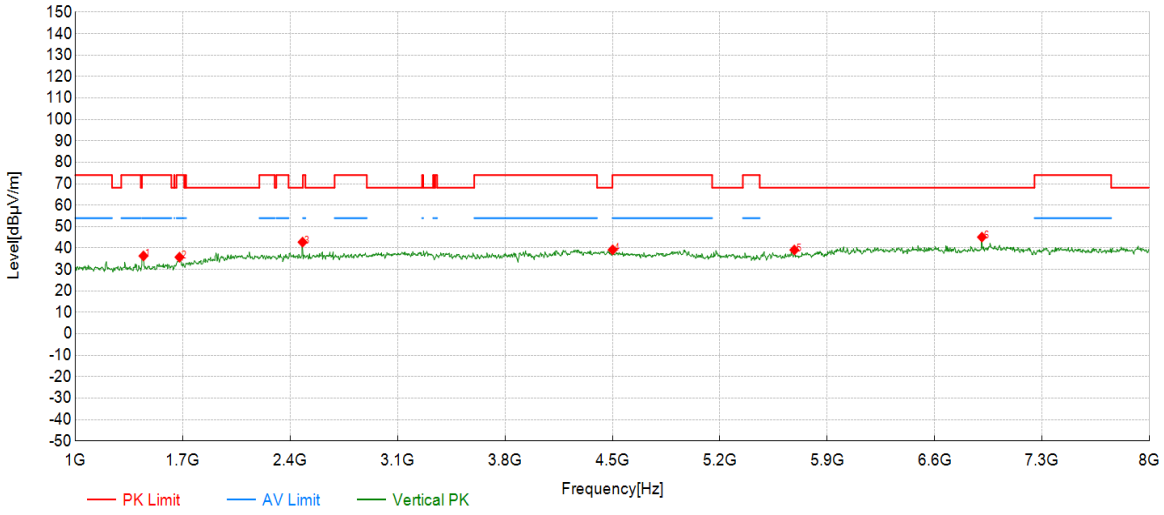


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1199.60	61.73	37.11	-24.62	74.00	36.89	PK	Horizontal	PASS
2	1441.22	64.76	40.33	-24.43	74.00	33.67	PK	Horizontal	PASS
3	1679.34	60.42	37.54	-22.88	74.00	36.46	PK	Horizontal	PASS
4	2435.72	64.35	44.64	-19.71	68.20	23.56	PK	Horizontal	PASS
5	4904.45	58.13	40.50	-17.63	74.00	33.50	PK	Horizontal	PASS
6	6907.45	60.12	46.44	-13.68	68.20	21.76	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5180
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

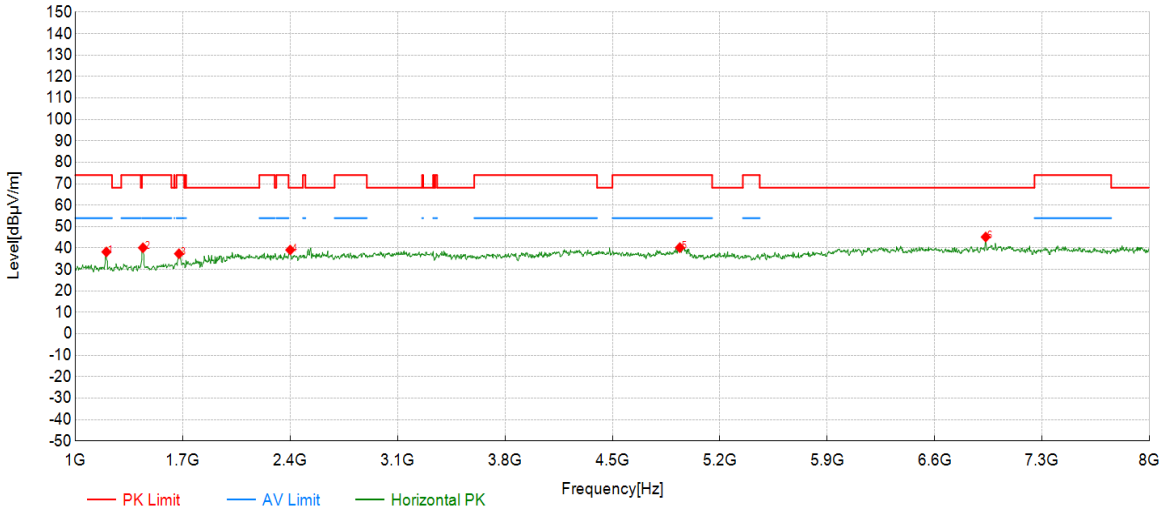


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1444.72	60.76	36.34	-24.42	74.00	37.66	PK	Vertical	PASS
2	1679.34	58.63	35.75	-22.88	74.00	38.25	PK	Vertical	PASS
3	2481.24	62.43	42.78	-19.65	68.20	25.42	PK	Vertical	PASS
4	4501.75	57.23	39.20	-18.03	74.00	34.80	PK	Vertical	PASS
5	5685.34	55.28	39.12	-16.16	68.20	29.08	PK	Vertical	PASS
6	6907.45	58.80	45.12	-13.68	68.20	23.08	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5200
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

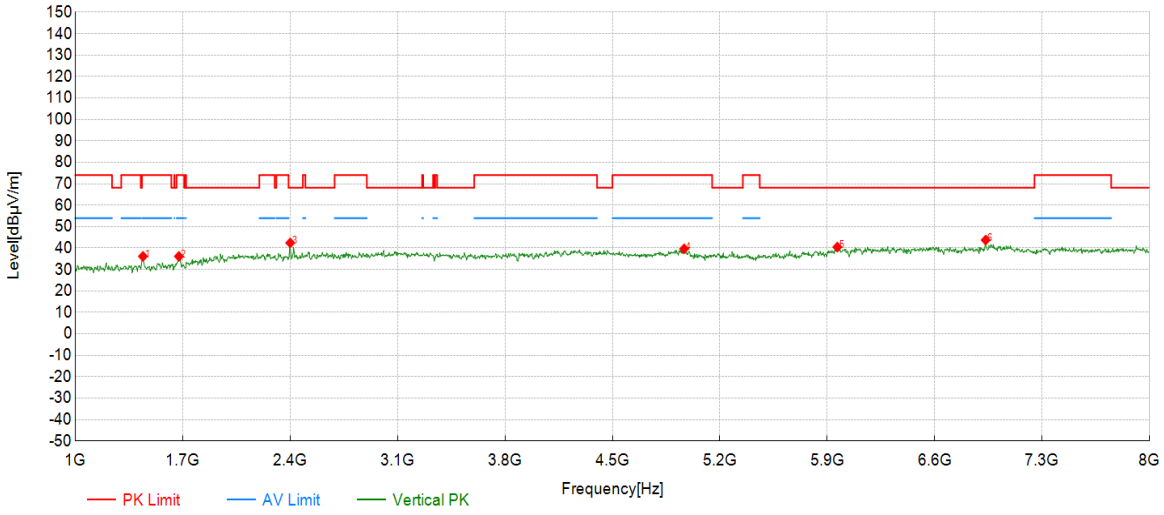


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1203.10	62.83	38.21	-24.62	74.00	35.79	PK	Horizontal	PASS
2	1441.22	64.57	40.14	-24.43	74.00	33.86	PK	Horizontal	PASS
3	1675.84	60.29	37.37	-22.92	74.00	36.63	PK	Horizontal	PASS
4	2400.70	58.88	39.12	-19.76	68.20	29.08	PK	Horizontal	PASS
5	4939.47	57.75	40.21	-17.54	74.00	33.79	PK	Horizontal	PASS
6	6931.97	58.69	45.16	-13.53	68.20	23.04	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5200
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

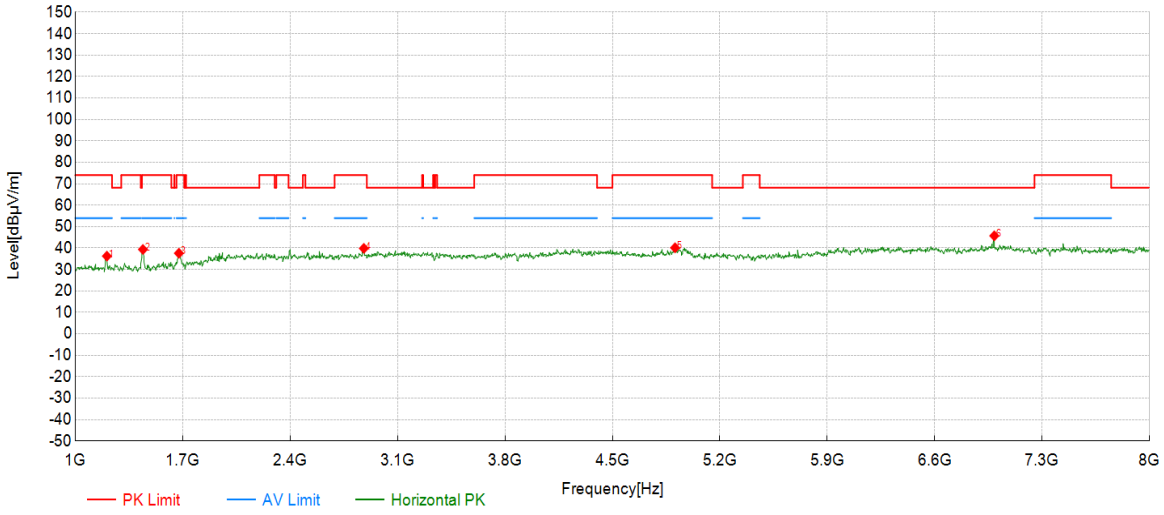


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	60.56	36.13	-24.43	74.00	37.87	PK	Vertical	PASS
2	1675.84	59.05	36.13	-22.92	74.00	37.87	PK	Vertical	PASS
3	2400.70	62.19	42.43	-19.76	68.20	25.77	PK	Vertical	PASS
4	4967.48	57.14	39.66	-17.48	74.00	34.34	PK	Vertical	PASS
5	5965.48	56.09	40.49	-15.60	68.20	27.71	PK	Vertical	PASS
6	6931.97	57.29	43.76	-13.53	68.20	24.44	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5240
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

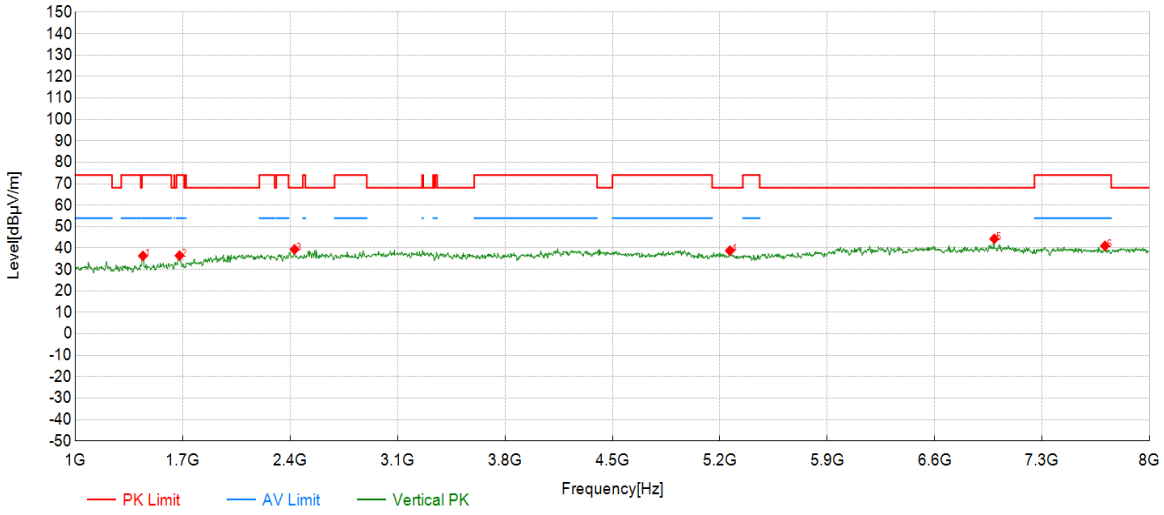


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1206.60	60.86	36.24	-24.62	74.00	37.76	PK	Horizontal	PASS
2	1441.22	63.79	39.36	-24.43	74.00	34.64	PK	Horizontal	PASS
3	1675.84	60.52	37.60	-22.92	74.00	36.40	PK	Horizontal	PASS
4	2880.44	58.73	39.87	-18.86	74.00	34.13	PK	Horizontal	PASS
5	4907.95	57.76	40.14	-17.62	74.00	33.86	PK	Horizontal	PASS
6	6987.99	58.92	45.73	-13.19	68.20	22.47	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5240
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

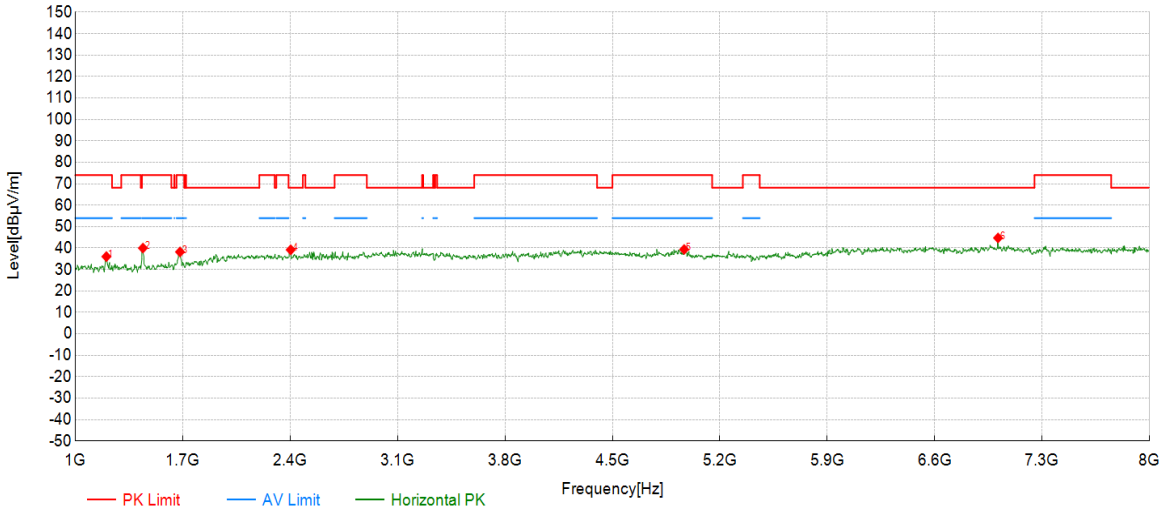


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	60.78	36.35	-24.43	74.00	37.65	PK	Vertical	PASS
2	1679.34	59.37	36.49	-22.88	74.00	37.51	PK	Vertical	PASS
3	2428.71	59.13	39.40	-19.73	68.20	28.80	PK	Vertical	PASS
4	5265.13	55.76	38.80	-16.96	68.20	29.40	PK	Vertical	PASS
5	6987.99	57.51	44.32	-13.19	68.20	23.88	PK	Vertical	PASS
6	7709.35	55.38	41.02	-14.36	74.00	32.98	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5260
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

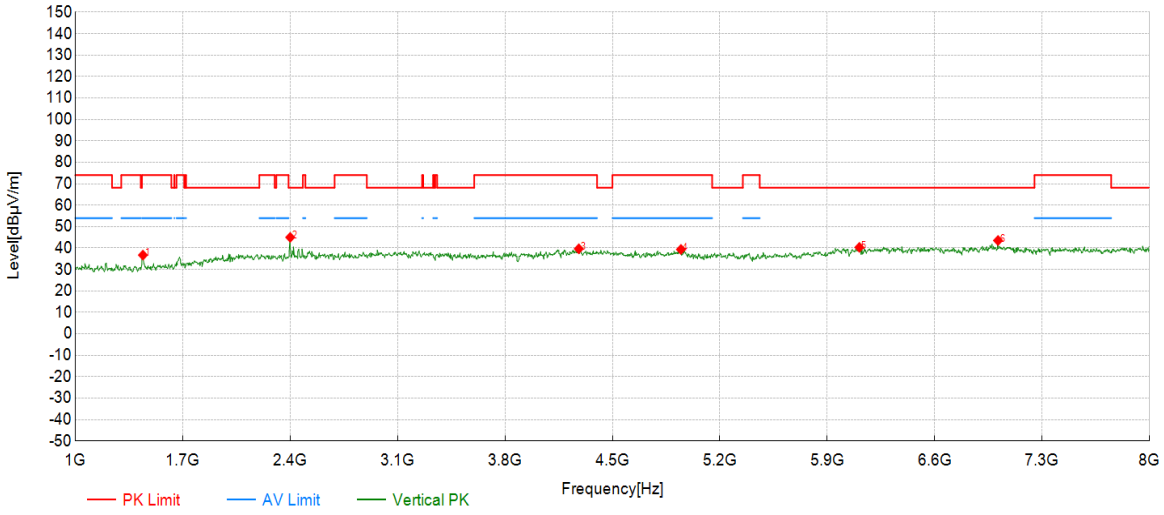


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1203.10	60.66	36.04	-24.62	74.00	37.96	PK	Horizontal	PASS
2	1441.22	64.42	39.99	-24.43	74.00	34.01	PK	Horizontal	PASS
3	1682.84	61.05	38.21	-22.84	74.00	35.79	PK	Horizontal	PASS
4	2404.20	58.95	39.20	-19.75	68.20	29.00	PK	Horizontal	PASS
5	4967.48	56.82	39.34	-17.48	74.00	34.66	PK	Horizontal	PASS
6	7012.51	57.96	44.74	-13.22	68.20	23.46	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5260
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

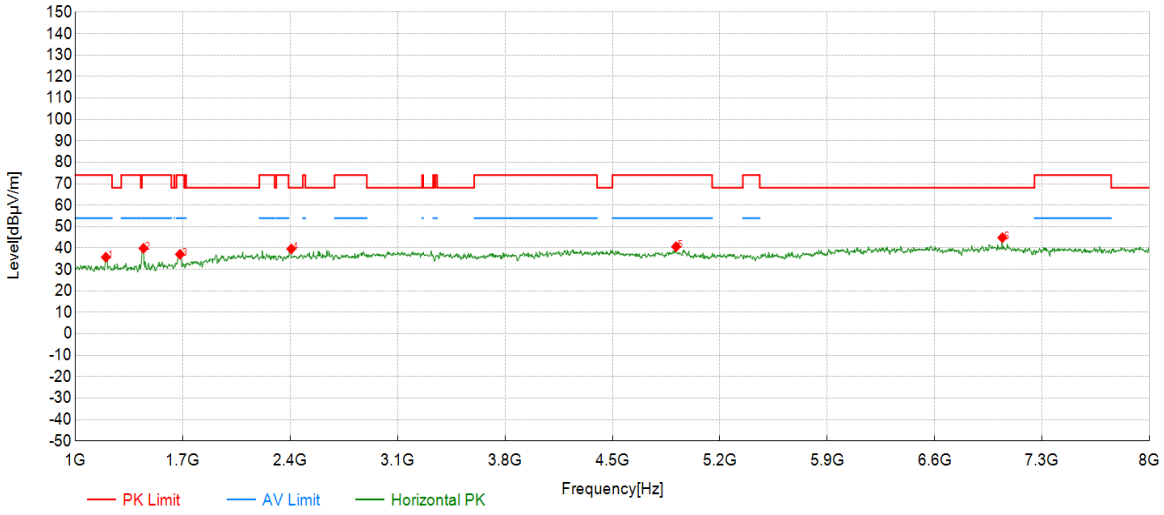


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	61.16	36.73	-24.43	74.00	37.27	PK	Vertical	PASS
2	2400.70	64.77	45.01	-19.76	68.20	23.19	PK	Vertical	PASS
3	4281.14	57.12	39.67	-17.45	74.00	34.33	PK	Vertical	PASS
4	4946.47	56.88	39.36	-17.52	74.00	34.64	PK	Vertical	PASS
5	6109.05	55.65	40.35	-15.30	68.20	27.85	PK	Vertical	PASS
6	7012.51	56.75	43.53	-13.22	68.20	24.67	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5280
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

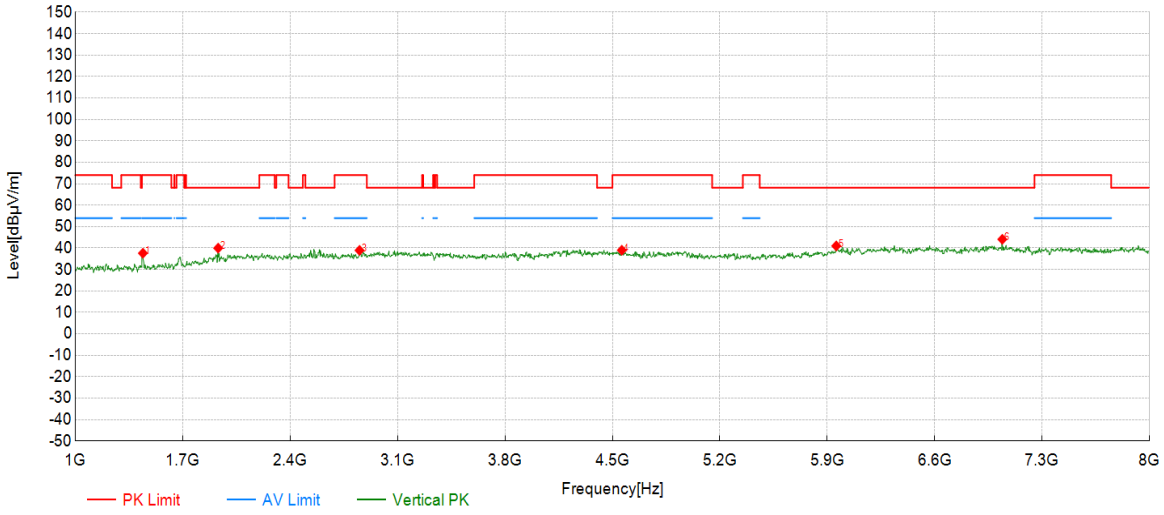


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1199.60	60.36	35.74	-24.62	74.00	38.26	PK	Horizontal	PASS
2	1444.72	64.30	39.88	-24.42	74.00	34.12	PK	Horizontal	PASS
3	1682.84	59.93	37.09	-22.84	74.00	36.91	PK	Horizontal	PASS
4	2407.70	59.37	39.62	-19.75	68.20	28.58	PK	Horizontal	PASS
5	4914.96	58.23	40.63	-17.60	74.00	33.37	PK	Horizontal	PASS
6	7040.52	58.26	44.83	-13.43	68.20	23.37	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5280
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

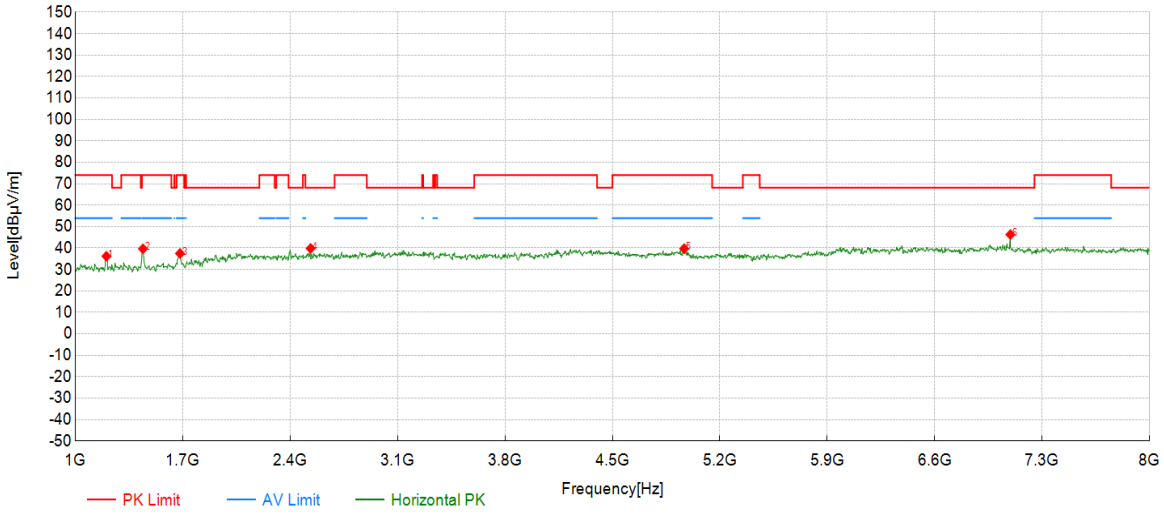


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	62.04	37.61	-24.43	74.00	36.39	PK	Vertical	PASS
2	1931.47	60.44	39.99	-20.45	68.20	28.21	PK	Vertical	PASS
3	2852.43	57.89	38.94	-18.95	74.00	35.06	PK	Vertical	PASS
4	4561.28	57.13	38.99	-18.14	74.00	35.01	PK	Vertical	PASS
5	5958.48	56.63	41.02	-15.61	68.20	27.18	PK	Vertical	PASS
6	7040.52	57.52	44.09	-13.43	68.20	24.11	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5320
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

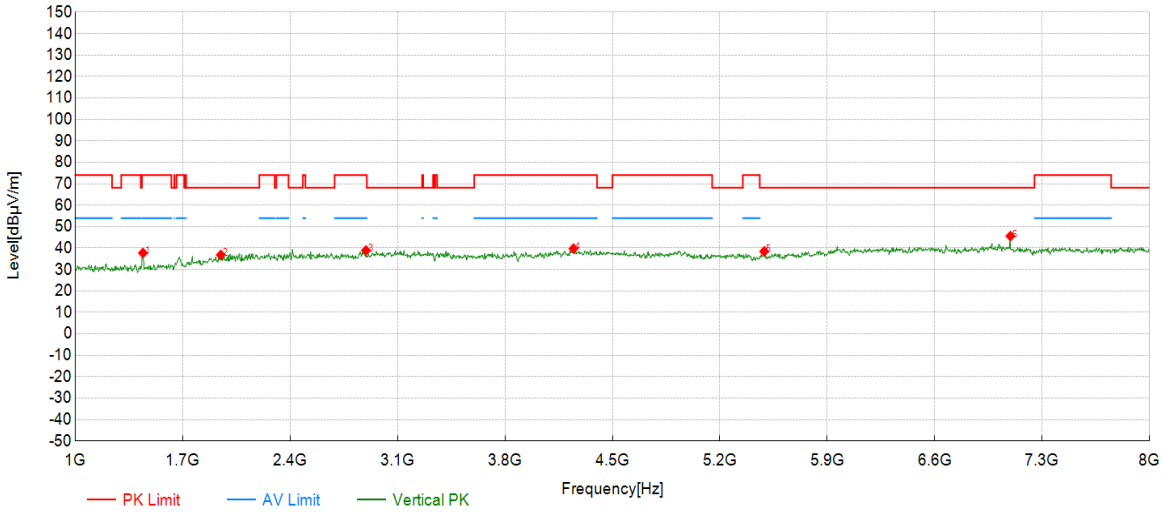


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1203.10	60.83	36.21	-24.62	74.00	37.79	PK	Horizontal	PASS
2	1441.22	64.10	39.67	-24.43	74.00	34.33	PK	Horizontal	PASS
3	1682.84	60.32	37.48	-22.84	74.00	36.52	PK	Horizontal	PASS
4	2533.77	59.38	39.85	-19.53	68.20	28.35	PK	Horizontal	PASS
5	4967.48	57.22	39.74	-17.48	74.00	34.26	PK	Horizontal	PASS
6	7093.05	60.11	46.29	-13.82	68.20	21.91	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5320
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

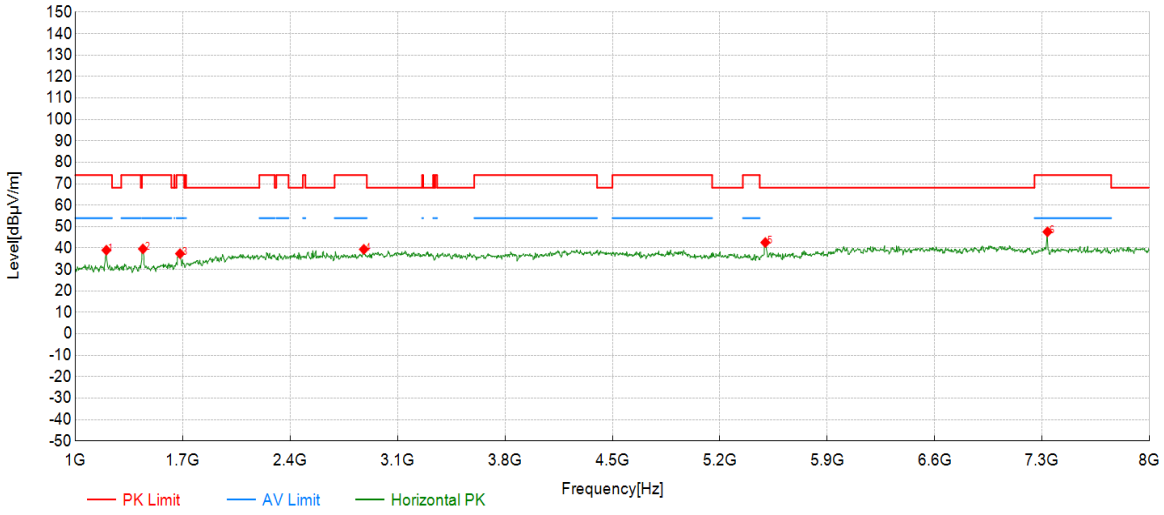


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	62.13	37.70	-24.43	74.00	36.30	PK	Vertical	PASS
2	1948.97	57.08	36.79	-20.29	68.20	31.41	PK	Vertical	PASS
3	2894.45	57.71	38.90	-18.81	74.00	35.10	PK	Vertical	PASS
4	4246.12	57.05	39.77	-17.28	74.00	34.23	PK	Vertical	PASS
5	5489.24	55.05	38.46	-16.59	68.20	29.74	PK	Vertical	PASS
6	7093.05	59.40	45.58	-13.82	68.20	22.62	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5500
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

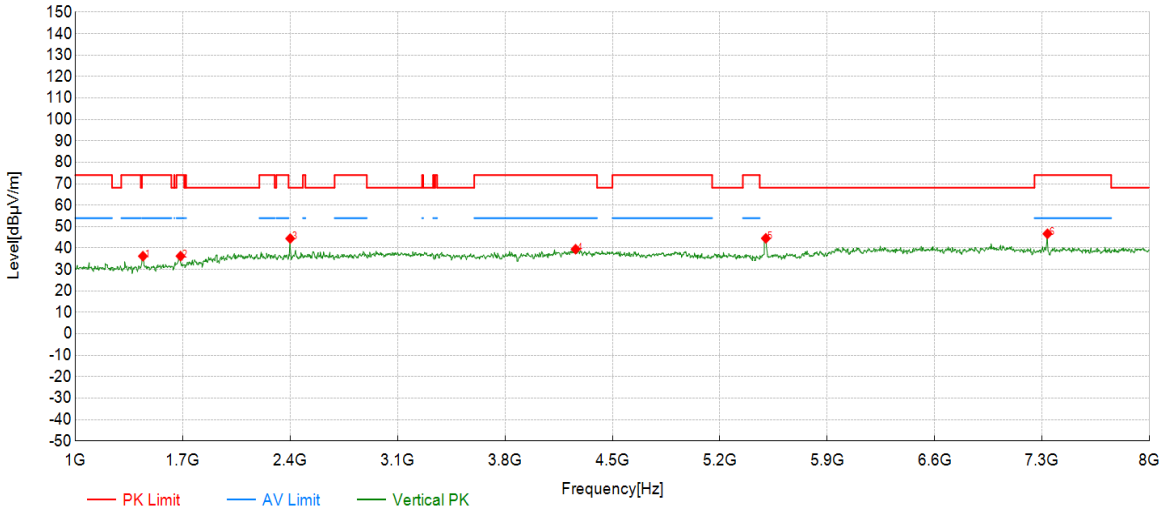


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1203.10	63.64	39.02	-24.62	74.00	34.98	PK	Horizontal	PASS
2	1441.22	64.05	39.62	-24.43	74.00	34.38	PK	Horizontal	PASS
3	1682.84	60.25	37.41	-22.84	74.00	36.59	PK	Horizontal	PASS
4	2880.44	58.26	39.40	-18.86	74.00	34.60	PK	Horizontal	PASS
5	5496.25	59.18	42.61	-16.57	68.20	25.59	PK	Horizontal	PASS
6	7334.67	61.89	47.57	-14.32	74.00	26.43	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5500
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

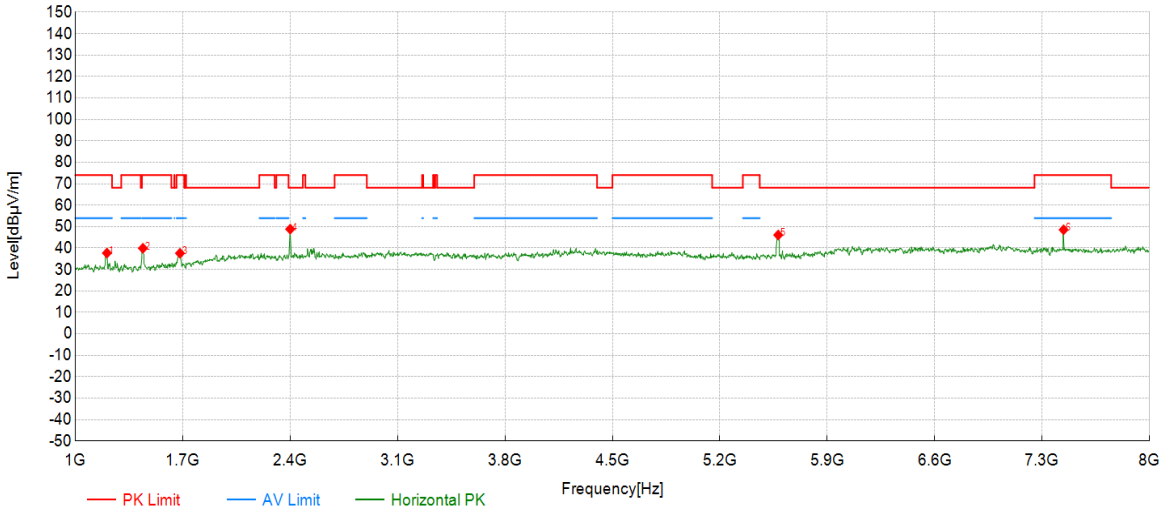


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	60.64	36.21	-24.43	74.00	37.79	PK	Vertical	PASS
2	1686.34	59.05	36.24	-22.81	74.00	37.76	PK	Vertical	PASS
3	2400.70	64.20	44.44	-19.76	68.20	23.76	PK	Vertical	PASS
4	4260.13	56.83	39.47	-17.36	74.00	34.53	PK	Vertical	PASS
5	5499.75	61.10	44.53	-16.57	68.20	23.67	PK	Vertical	PASS
6	7334.67	60.97	46.65	-14.32	74.00	27.35	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5580
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

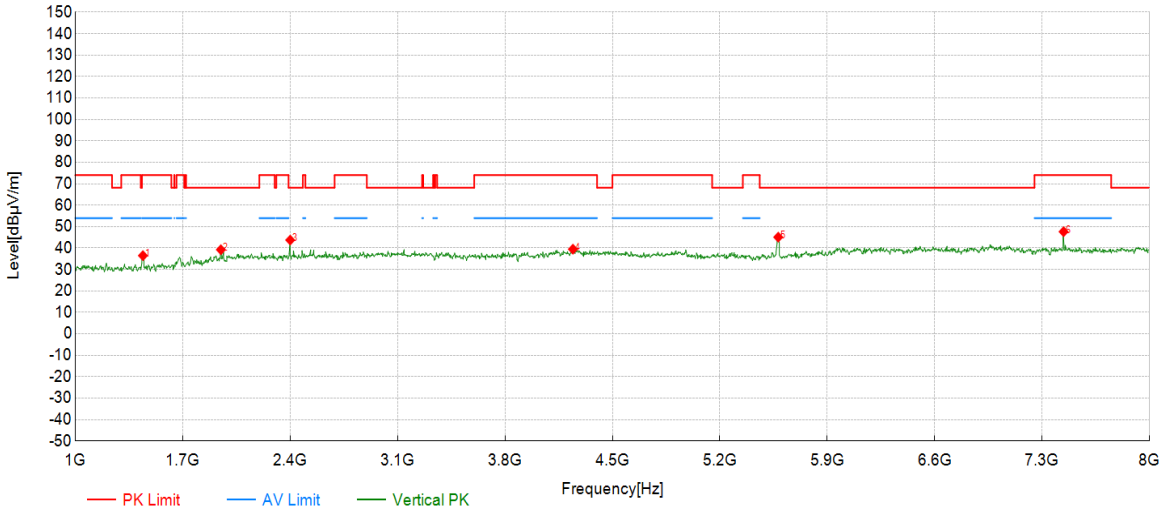


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1206.60	62.29	37.67	-24.62	74.00	36.33	PK	Horizontal	PASS
2	1441.22	64.34	39.91	-24.43	74.00	34.09	PK	Horizontal	PASS
3	1682.84	60.42	37.58	-22.84	74.00	36.42	PK	Horizontal	PASS
4	2400.70	68.59	48.83	-19.76	68.20	19.37	PK	Horizontal	PASS
5	5580.29	62.48	46.10	-16.38	68.20	22.10	PK	Horizontal	PASS
6	7439.72	62.77	48.53	-14.24	74.00	25.47	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5580
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

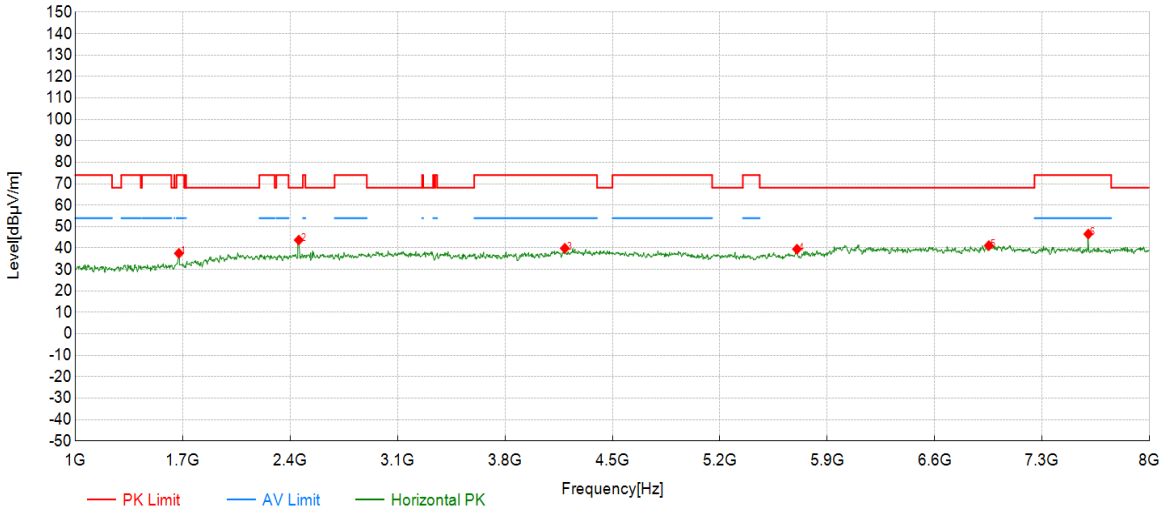


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1441.22	60.91	36.48	-24.43	74.00	37.52	PK	Vertical	PASS
2	1948.97	59.53	39.24	-20.29	68.20	28.96	PK	Vertical	PASS
3	2400.70	63.51	43.75	-19.76	68.20	24.45	PK	Vertical	PASS
4	4242.62	56.74	39.47	-17.27	74.00	34.53	PK	Vertical	PASS
5	5580.29	61.48	45.10	-16.38	68.20	23.10	PK	Vertical	PASS
6	7439.72	61.88	47.64	-14.24	74.00	26.36	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5700
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

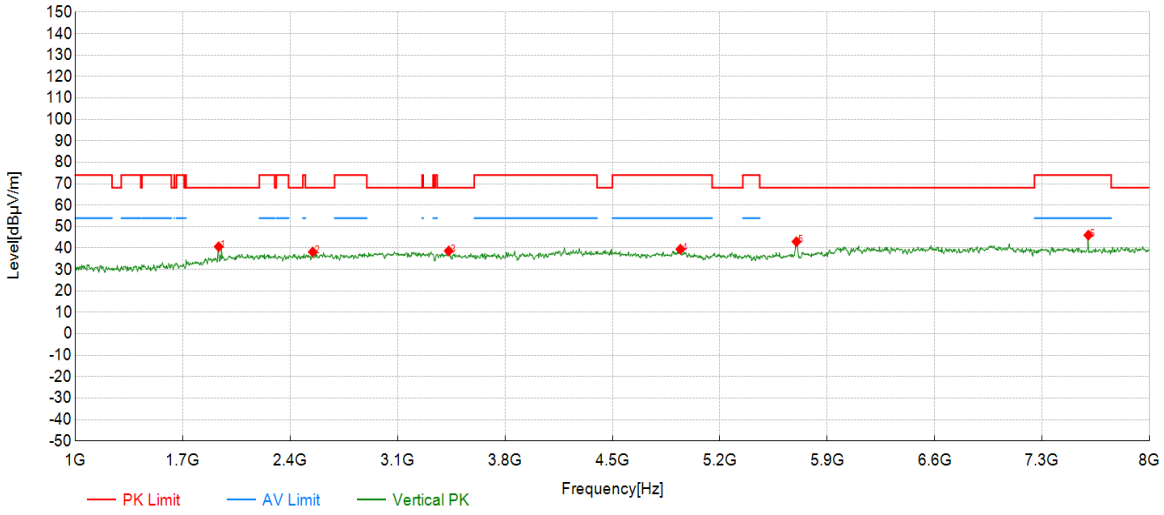


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1675.84	60.47	37.55	-22.92	74.00	36.45	PK	Horizontal	PASS
2	2456.73	63.41	43.73	-19.68	68.20	24.47	PK	Horizontal	PASS
3	4190.10	57.08	39.89	-17.19	74.00	34.11	PK	Horizontal	PASS
4	5702.85	55.62	39.49	-16.13	68.20	28.71	PK	Horizontal	PASS
5	6952.98	54.58	41.17	-13.41	68.20	27.03	PK	Horizontal	PASS
6	7600.80	61.07	46.55	-14.52	74.00	27.45	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5700
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

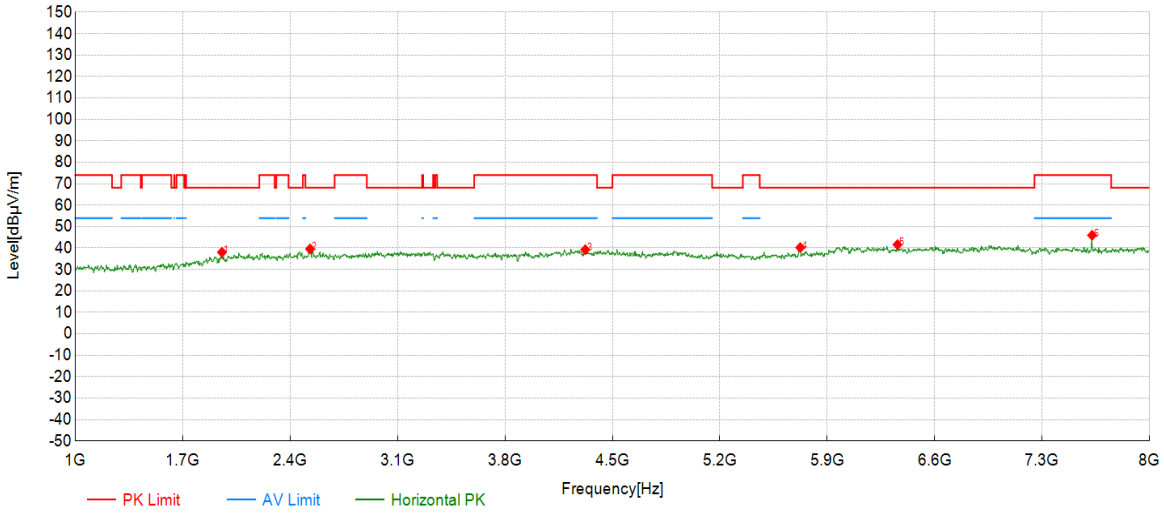


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1934.97	61.04	40.63	-20.41	68.20	27.57	PK	Vertical	PASS
2	2547.77	57.72	38.23	-19.49	68.20	29.97	PK	Vertical	PASS
3	3433.72	57.37	38.67	-18.70	68.20	29.53	PK	Vertical	PASS
4	4942.97	57.00	39.47	-17.53	74.00	34.53	PK	Vertical	PASS
5	5699.35	59.14	43.01	-16.13	68.20	25.19	PK	Vertical	PASS
6	7600.80	60.55	46.03	-14.52	74.00	27.97	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5720
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

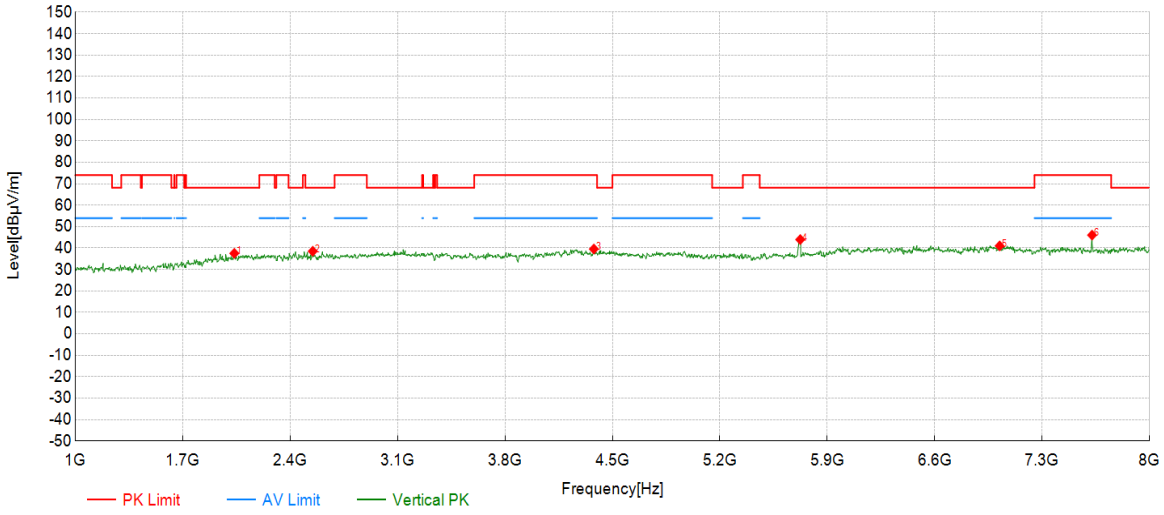


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1955.98	58.27	38.05	-20.22	68.20	30.15	PK	Horizontal	PASS
2	2530.27	59.15	39.61	-19.54	68.20	28.59	PK	Horizontal	PASS
3	4323.16	56.89	39.26	-17.63	74.00	34.74	PK	Horizontal	PASS
4	5723.86	56.33	40.25	-16.08	68.20	27.95	PK	Horizontal	PASS
5	6357.68	56.53	41.62	-14.91	68.20	26.58	PK	Horizontal	PASS
6	7625.31	60.46	45.98	-14.48	74.00	28.02	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5720
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

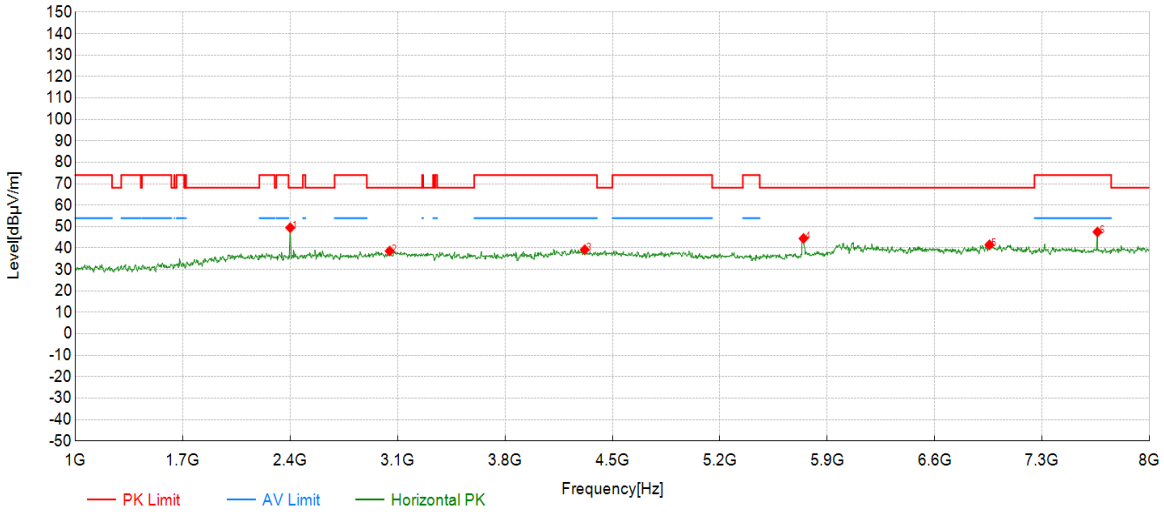


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	2036.52	57.34	37.54	-19.80	68.20	30.66	PK	Vertical	PASS
2	2547.77	58.02	38.53	-19.49	68.20	29.67	PK	Vertical	PASS
3	4379.19	57.45	39.57	-17.88	74.00	34.43	PK	Vertical	PASS
4	5723.86	60.07	43.99	-16.08	68.20	24.21	PK	Vertical	PASS
5	7023.01	54.32	41.02	-13.30	68.20	27.18	PK	Vertical	PASS
6	7625.31	60.54	46.06	-14.48	74.00	27.94	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5745
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

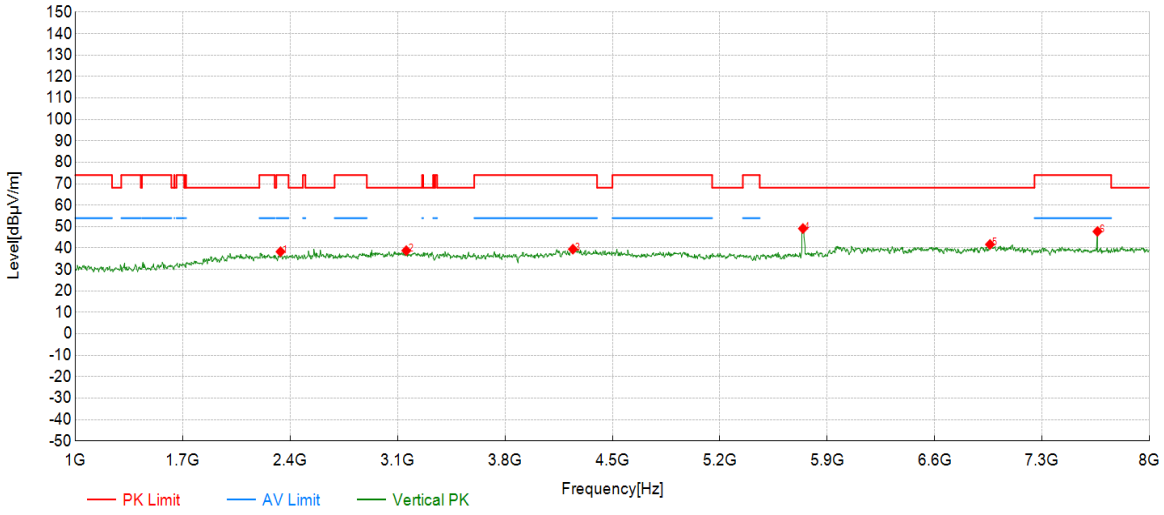


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	2400.70	69.27	49.51	-19.76	68.20	18.69	PK	Horizontal	PASS
2	3048.52	57.09	38.63	-18.46	68.20	29.57	PK	Horizontal	PASS
3	4319.66	56.86	39.24	-17.62	74.00	34.76	PK	Horizontal	PASS
4	5744.87	60.53	44.49	-16.04	68.20	23.71	PK	Horizontal	PASS
5	6956.48	54.91	41.52	-13.39	68.20	26.68	PK	Horizontal	PASS
6	7660.33	61.94	47.50	-14.44	74.00	26.50	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5745
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

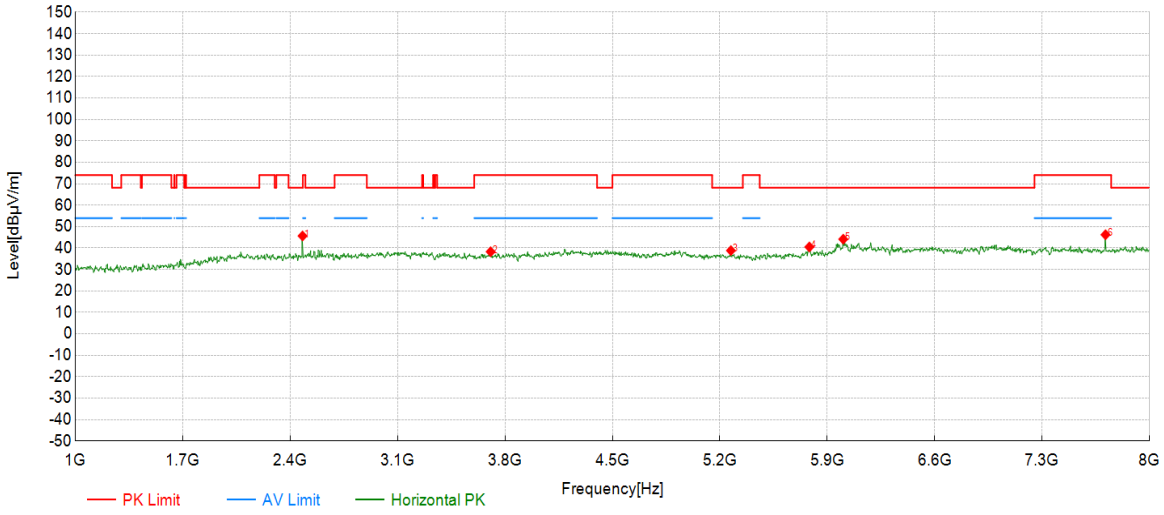


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	2337.67	58.10	38.32	-19.78	74.00	35.68	PK	Vertical	PASS
2	3157.08	57.28	38.81	-18.47	68.20	29.39	PK	Vertical	PASS
3	4242.62	56.77	39.50	-17.27	74.00	34.50	PK	Vertical	PASS
4	5741.37	65.16	49.11	-16.05	68.20	19.09	PK	Vertical	PASS
5	6959.98	55.06	41.69	-13.37	68.20	26.51	PK	Vertical	PASS
6	7660.33	62.18	47.74	-14.44	74.00	26.26	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5785
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

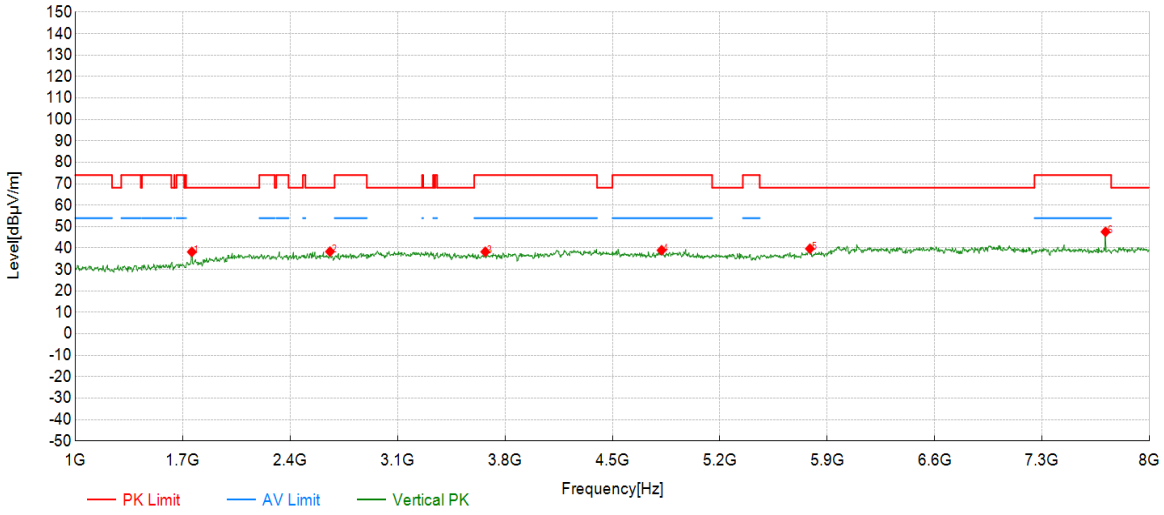


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	2481.24	65.30	45.65	-19.65	68.20	22.55	PK	Horizontal	PASS
2	3706.85	57.06	38.29	-18.77	74.00	35.71	PK	Horizontal	PASS
3	5272.14	55.78	38.84	-16.94	68.20	29.36	PK	Horizontal	PASS
4	5783.39	56.48	40.52	-15.96	68.20	27.68	PK	Horizontal	PASS
5	6004.00	59.67	44.14	-15.53	68.20	24.06	PK	Horizontal	PASS
6	7712.86	60.59	46.23	-14.36	74.00	27.77	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5785
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

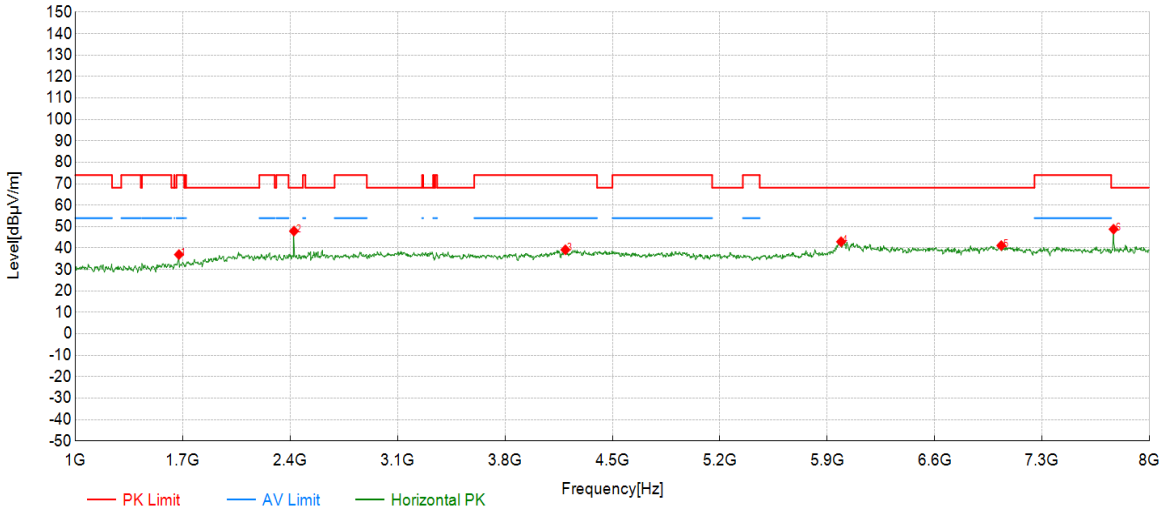


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1759.88	60.33	38.22	-22.11	68.20	29.98	PK	Vertical	PASS
2	2659.83	57.64	38.35	-19.29	68.20	29.85	PK	Vertical	PASS
3	3671.84	57.12	38.28	-18.84	74.00	35.72	PK	Vertical	PASS
4	4820.41	56.81	38.98	-17.83	74.00	35.02	PK	Vertical	PASS
5	5786.89	55.67	39.71	-15.96	68.20	28.49	PK	Vertical	PASS
6	7712.86	61.92	47.56	-14.36	74.00	26.44	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5825
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

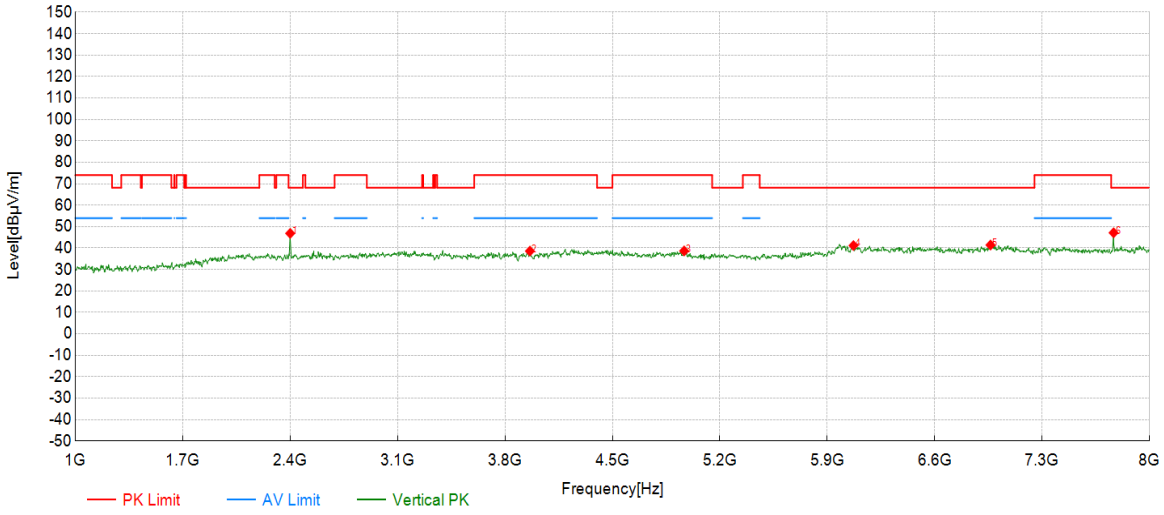


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	1675.84	59.90	36.98	-22.92	74.00	37.02	PK	Horizontal	PASS
2	2425.21	67.64	47.91	-19.73	68.20	20.29	PK	Horizontal	PASS
3	4193.60	56.35	39.19	-17.16	74.00	34.81	PK	Horizontal	PASS
4	5989.99	58.50	42.95	-15.55	68.20	25.25	PK	Horizontal	PASS
5	7033.52	54.55	41.18	-13.37	68.20	27.02	PK	Horizontal	PASS
6	7765.38	63.08	48.80	-14.28	68.20	19.40	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5825
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph



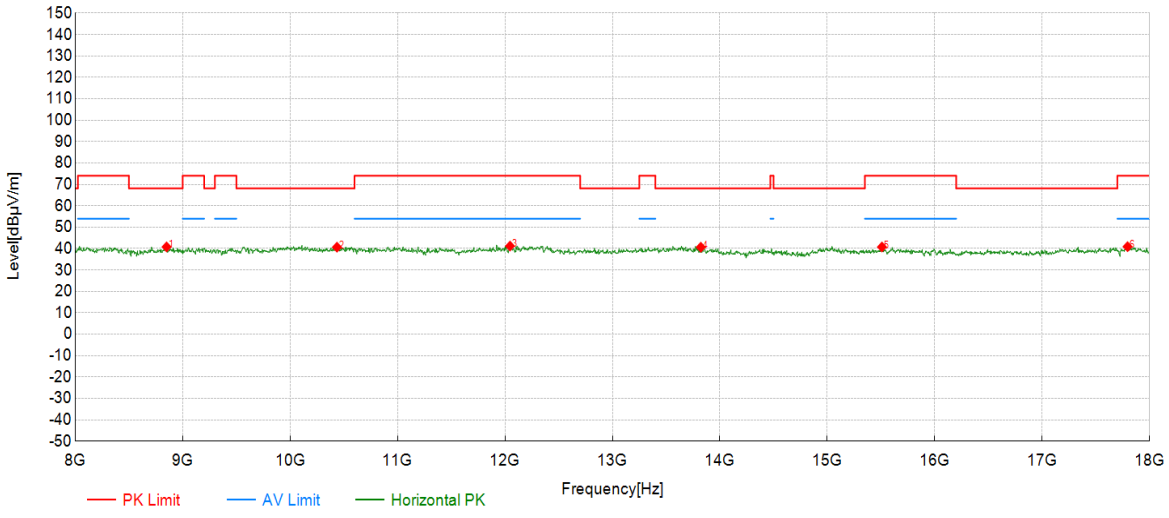
PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	2400.70	66.63	46.87	-19.76	68.20	21.33	PK	Vertical	PASS
2	3962.48	57.59	38.61	-18.98	74.00	35.39	PK	Vertical	PASS
3	4967.48	56.14	38.66	-17.48	74.00	35.34	PK	Vertical	PASS
4	6070.54	56.57	41.19	-15.38	68.20	27.01	PK	Vertical	PASS
5	6963.48	54.78	41.44	-13.34	68.20	26.76	PK	Vertical	PASS
6	7765.38	61.42	47.14	-14.28	68.20	21.06	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

8.3. SPURIOUS EMISSIONS(8 GHZ~18 GHZ)

Project Information			
Test Mode	802.11a	Frequency	5180
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

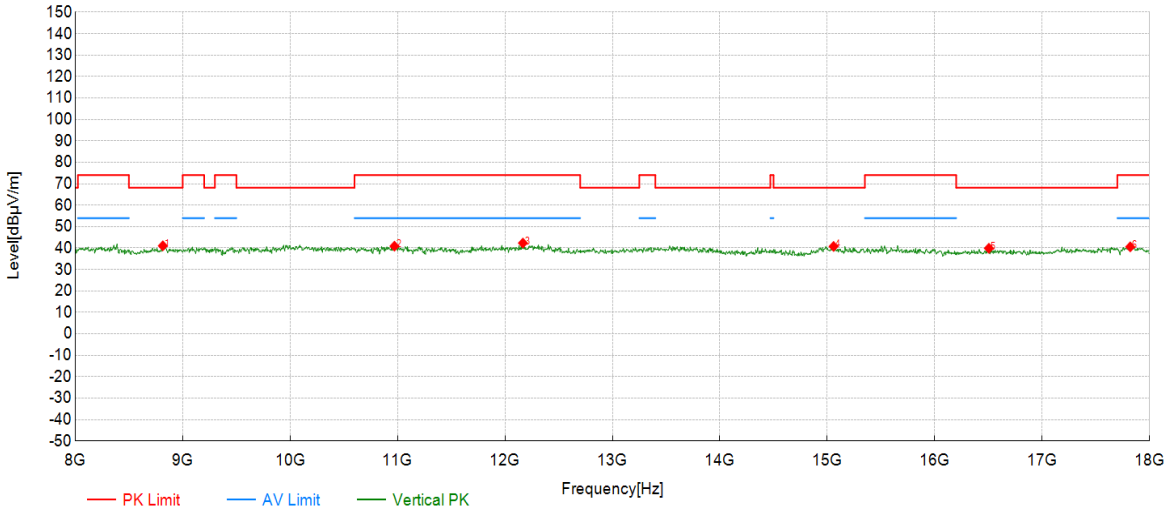


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8850.43	52.26	40.81	-11.45	68.20	27.39	PK	Horizontal	PASS
2	10436.22	50.51	40.66	-9.85	68.20	27.54	PK	Horizontal	PASS
3	12047.02	50.71	41.20	-9.51	74.00	32.80	PK	Horizontal	PASS
4	13822.91	51.95	40.65	-11.30	68.20	27.55	PK	Horizontal	PASS
5	15508.75	49.79	40.76	-9.03	74.00	33.24	PK	Horizontal	PASS
6	17794.90	45.96	40.91	-5.05	74.00	33.09	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5180
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

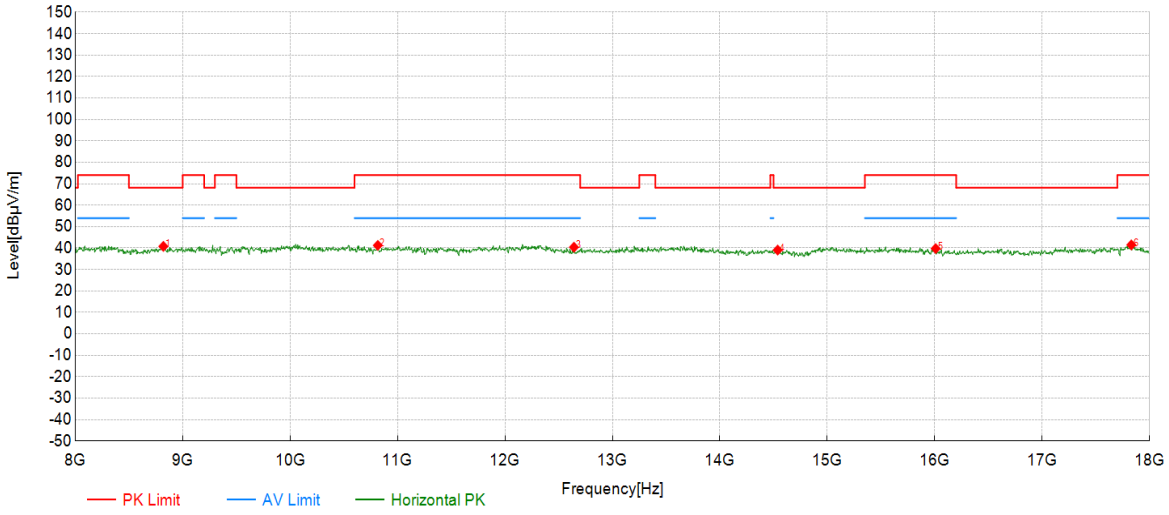


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8815.41	52.44	41.07	-11.37	68.20	27.13	PK	Vertical	PASS
2	10971.49	49.36	40.90	-8.46	74.00	33.10	PK	Vertical	PASS
3	12167.08	51.98	42.34	-9.64	74.00	31.66	PK	Vertical	PASS
4	15058.53	49.96	40.78	-9.18	68.20	27.42	PK	Vertical	PASS
5	16504.25	47.69	39.90	-7.79	68.20	28.30	PK	Vertical	PASS
6	17819.91	45.72	40.58	-5.14	74.00	33.42	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5200
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

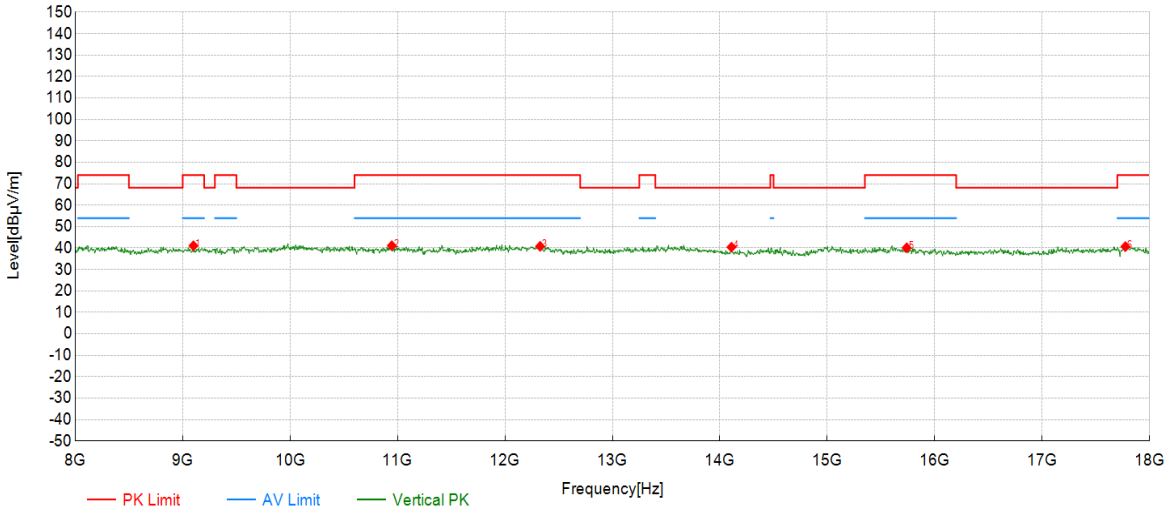


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8820.41	52.18	40.80	-11.38	68.20	27.40	PK	Horizontal	PASS
2	10816.41	50.07	41.26	-8.81	74.00	32.74	PK	Horizontal	PASS
3	12642.32	51.76	40.41	-11.35	74.00	33.59	PK	Horizontal	PASS
4	14538.27	49.41	39.07	-10.34	68.20	29.13	PK	Horizontal	PASS
5	16009.00	48.00	39.77	-8.23	74.00	34.23	PK	Horizontal	PASS
6	17829.91	46.68	41.49	-5.19	74.00	32.51	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5200
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph



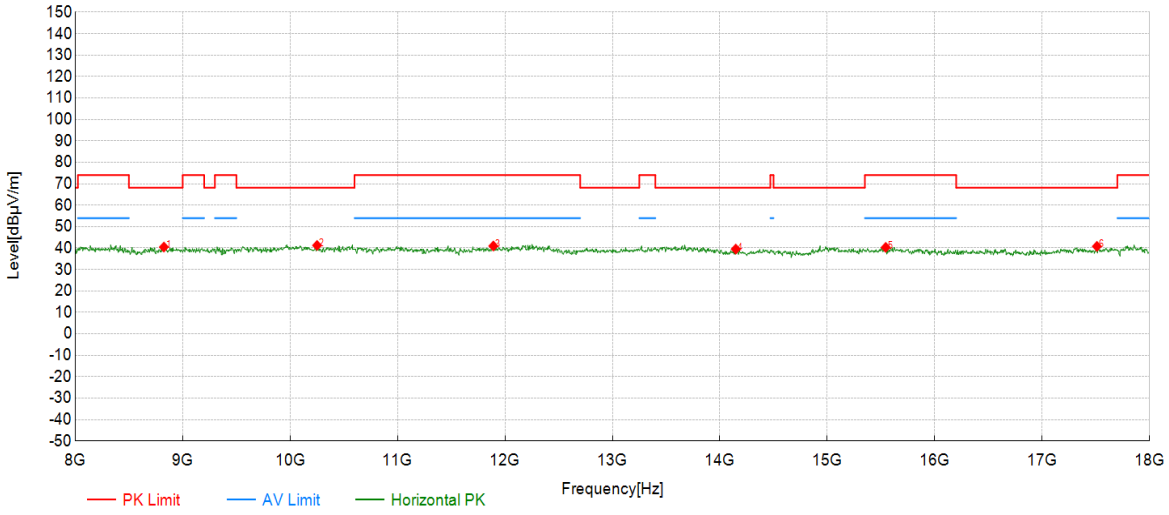
PEAK Data List

NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9100.55	52.30	41.08	-11.22	74.00	32.92	PK	Vertical	PASS
2	10946.47	49.64	41.13	-8.51	74.00	32.87	PK	Vertical	PASS
3	12327.16	50.43	40.82	-9.61	74.00	33.18	PK	Vertical	PASS
4	14108.05	51.82	40.43	-11.39	68.20	27.77	PK	Vertical	PASS
5	15738.87	49.19	40.14	-9.05	74.00	33.86	PK	Vertical	PASS
6	17774.89	45.88	40.68	-5.20	74.00	33.32	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5240
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

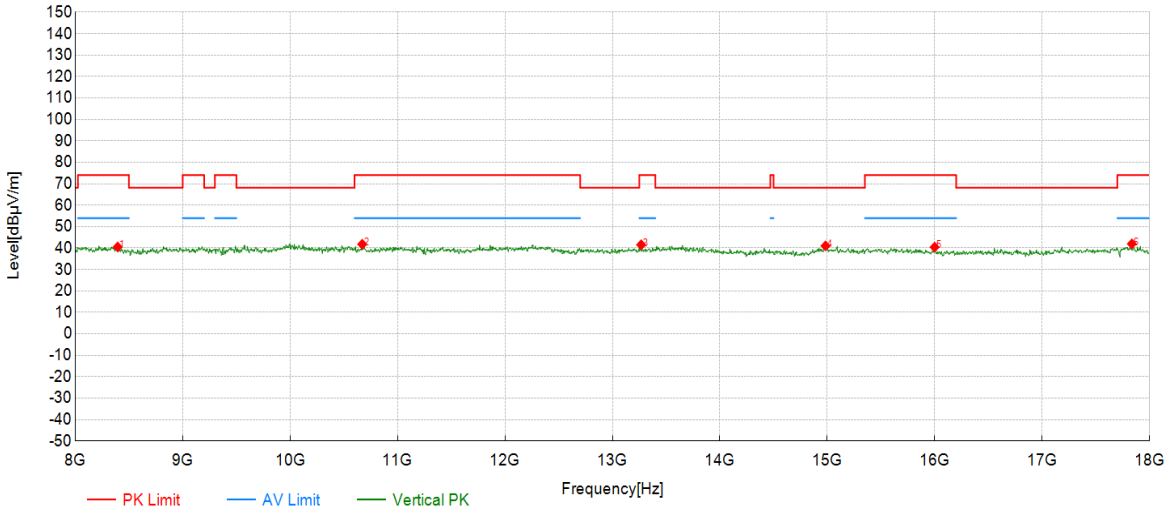


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8825.41	51.87	40.48	-11.39	68.20	27.72	PK	Horizontal	PASS
2	10251.13	51.81	41.25	-10.56	68.20	26.95	PK	Horizontal	PASS
3	11891.95	50.48	40.97	-9.51	74.00	33.03	PK	Horizontal	PASS
4	14148.07	50.87	39.53	-11.34	68.20	28.67	PK	Horizontal	PASS
5	15543.77	49.27	40.32	-8.95	74.00	33.68	PK	Horizontal	PASS
6	17509.75	47.43	40.79	-6.64	68.20	27.41	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5240
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

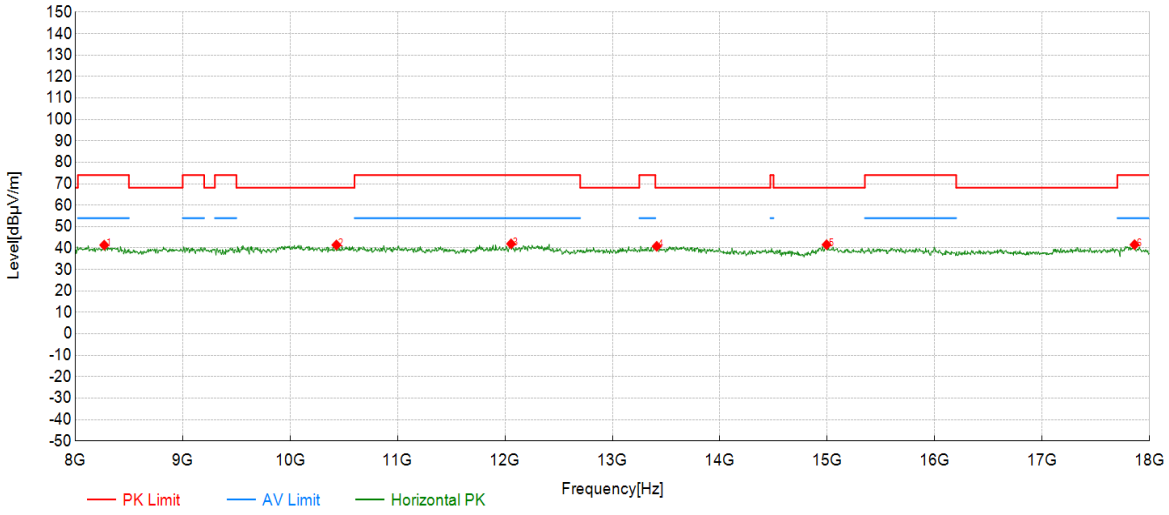


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8395.20	52.56	40.53	-12.03	74.00	33.47	PK	Vertical	PASS
2	10671.34	50.77	41.78	-8.99	74.00	32.22	PK	Vertical	PASS
3	13267.63	53.38	41.53	-11.85	74.00	32.47	PK	Vertical	PASS
4	14983.49	50.12	41.02	-9.10	68.20	27.18	PK	Vertical	PASS
5	15999.00	48.63	40.43	-8.20	74.00	33.57	PK	Vertical	PASS
6	17834.92	47.19	41.97	-5.22	74.00	32.03	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5260
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

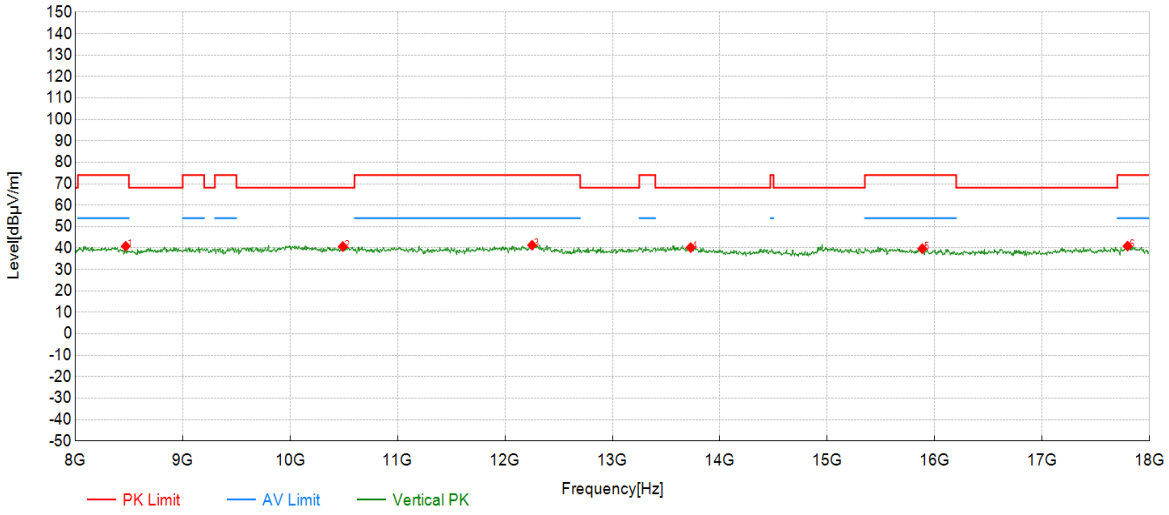


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8270.14	54.33	41.39	-12.94	74.00	32.61	PK	Horizontal	PASS
2	10431.22	51.34	41.46	-9.88	68.20	26.74	PK	Horizontal	PASS
3	12057.03	51.51	41.99	-9.52	74.00	32.01	PK	Horizontal	PASS
4	13412.71	52.58	40.82	-11.76	68.20	27.38	PK	Horizontal	PASS
5	14993.50	50.63	41.59	-9.04	68.20	26.61	PK	Horizontal	PASS
6	17859.93	46.96	41.59	-5.37	74.00	32.41	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5260
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

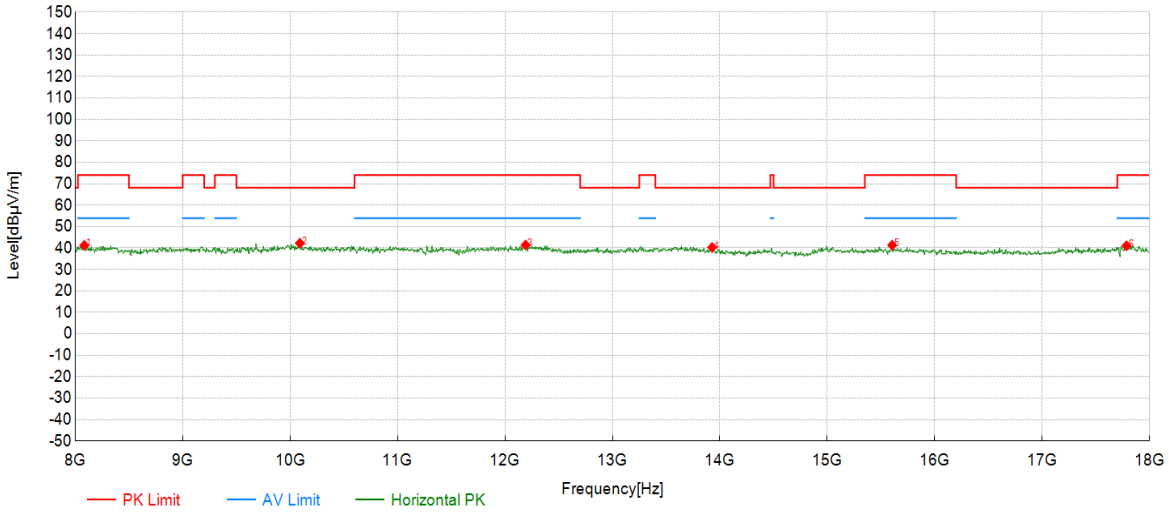


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8470.24	53.23	40.84	-12.39	74.00	33.16	PK	Vertical	PASS
2	10491.25	50.32	40.72	-9.60	68.20	27.48	PK	Vertical	PASS
3	12252.13	51.01	41.36	-9.65	74.00	32.64	PK	Vertical	PASS
4	13727.86	51.68	40.24	-11.44	68.20	27.96	PK	Vertical	PASS
5	15883.94	48.48	39.73	-8.75	74.00	34.27	PK	Vertical	PASS
6	17794.90	45.96	40.91	-5.05	74.00	33.09	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5280
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

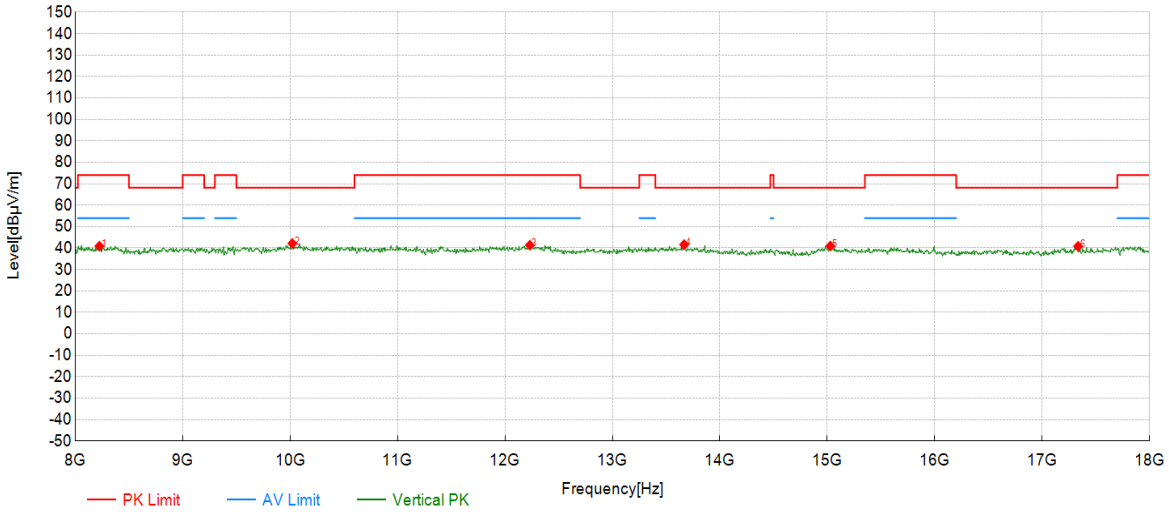


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8085.04	54.61	41.28	-13.33	74.00	32.72	PK	Horizontal	PASS
2	10091.05	52.46	42.29	-10.17	68.20	25.91	PK	Horizontal	PASS
3	12192.10	51.12	41.45	-9.67	74.00	32.55	PK	Horizontal	PASS
4	13927.96	51.75	40.30	-11.45	68.20	27.90	PK	Horizontal	PASS
5	15603.80	50.17	41.36	-8.81	74.00	32.64	PK	Horizontal	PASS
6	17784.89	46.20	41.08	-5.12	74.00	32.92	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5280
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

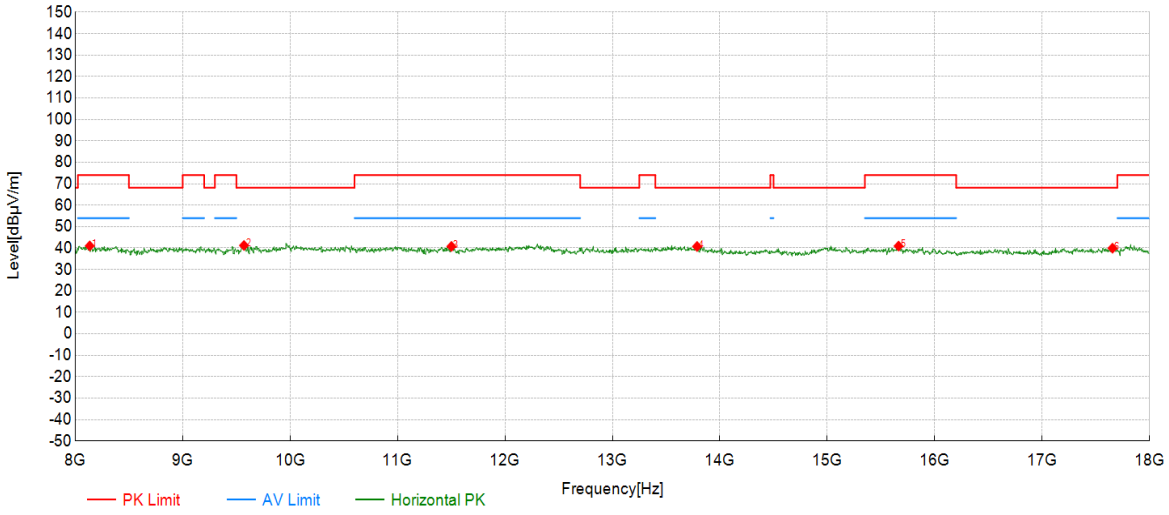


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8225.11	54.19	40.92	-13.27	74.00	33.08	PK	Vertical	PASS
2	10021.01	51.95	42.16	-9.79	68.20	26.04	PK	Vertical	PASS
3	12232.12	51.03	41.37	-9.66	74.00	32.63	PK	Vertical	PASS
4	13667.83	53.20	41.61	-11.59	68.20	26.59	PK	Vertical	PASS
5	15028.51	50.04	40.95	-9.09	68.20	27.25	PK	Vertical	PASS
6	17334.67	47.84	40.83	-7.01	68.20	27.37	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5320
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

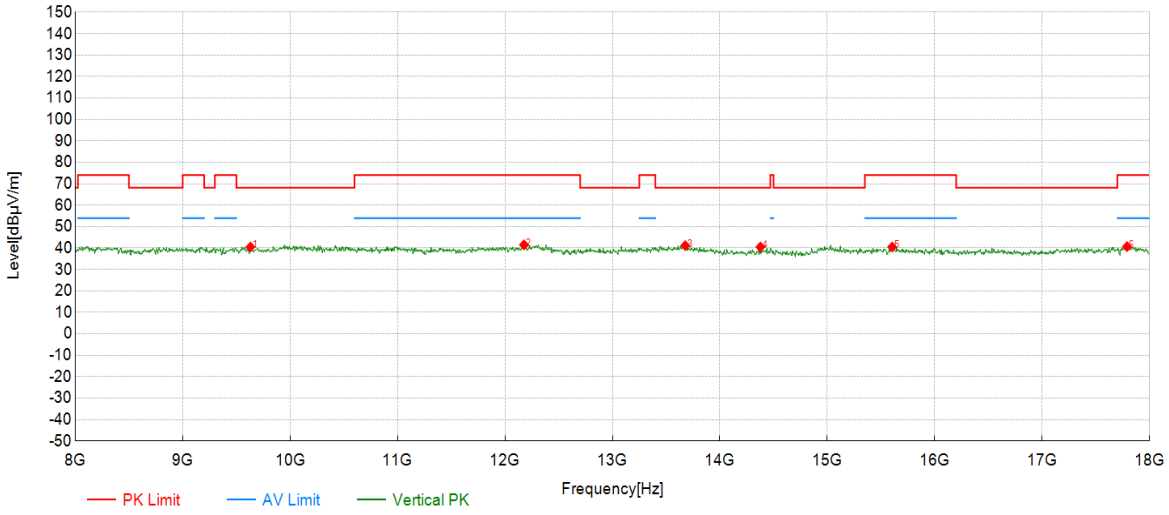


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8135.07	54.41	41.02	-13.39	74.00	32.98	PK	Horizontal	PASS
2	9570.79	51.76	41.23	-10.53	68.20	26.97	PK	Horizontal	PASS
3	11501.75	50.06	40.76	-9.30	74.00	33.24	PK	Horizontal	PASS
4	13787.89	52.05	40.75	-11.30	68.20	27.45	PK	Horizontal	PASS
5	15663.83	49.85	40.93	-8.92	74.00	33.07	PK	Horizontal	PASS
6	17654.83	45.95	39.94	-6.01	68.20	28.26	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5320
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

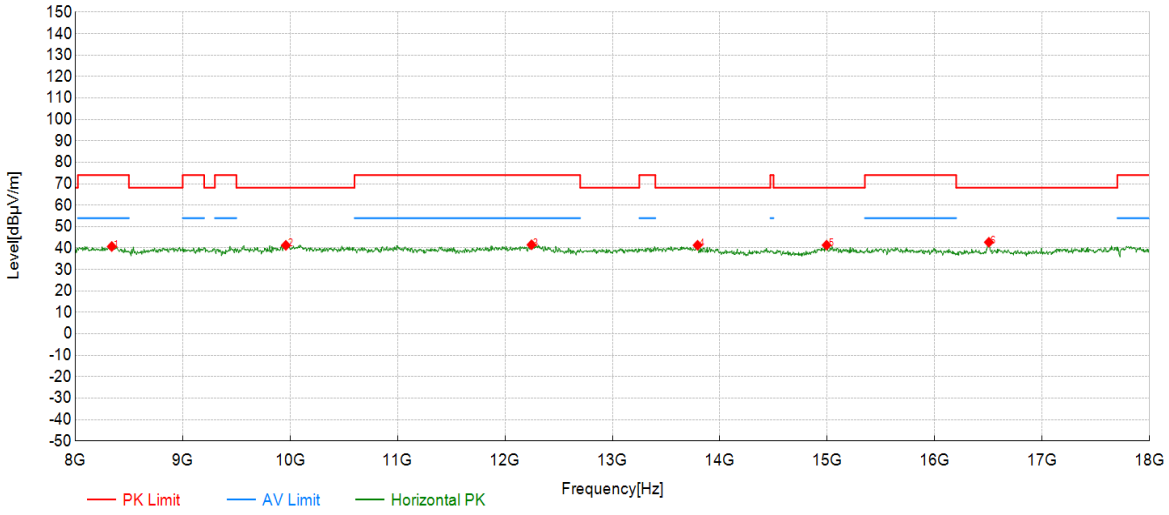


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9630.82	51.12	40.51	-10.61	68.20	27.69	PK	Vertical	PASS
2	12177.09	51.16	41.51	-9.65	74.00	32.49	PK	Vertical	PASS
3	13677.84	52.74	41.17	-11.57	68.20	27.03	PK	Vertical	PASS
4	14378.19	51.48	40.52	-10.96	68.20	27.68	PK	Vertical	PASS
5	15603.80	49.34	40.53	-8.81	74.00	33.47	PK	Vertical	PASS
6	17789.89	45.76	40.67	-5.09	74.00	33.33	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5500
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

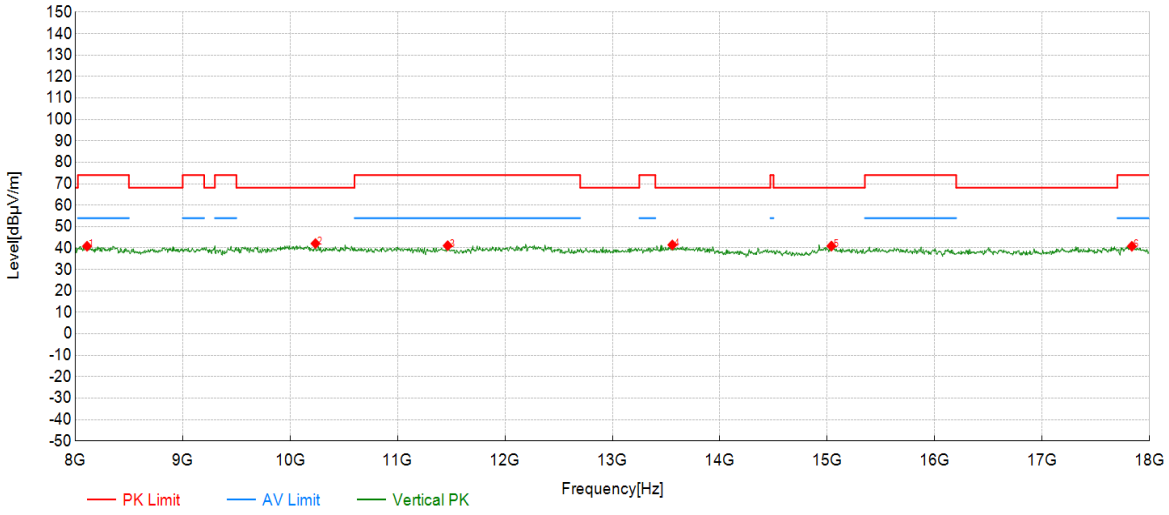


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8340.17	53.17	40.74	-12.43	74.00	33.26	PK	Horizontal	PASS
2	9960.98	51.29	41.28	-10.01	68.20	26.92	PK	Horizontal	PASS
3	12247.12	51.19	41.54	-9.65	74.00	32.46	PK	Horizontal	PASS
4	13792.90	52.59	41.31	-11.28	68.20	26.89	PK	Horizontal	PASS
5	14993.50	50.42	41.38	-9.04	68.20	26.82	PK	Horizontal	PASS
6	16504.25	50.51	42.72	-7.79	68.20	25.48	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5500
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

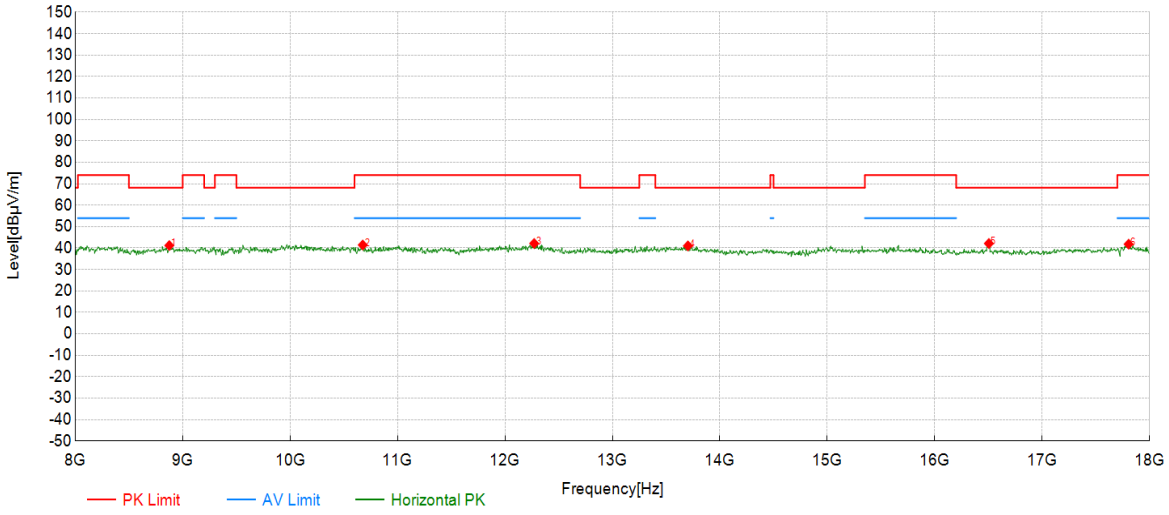


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8110.06	54.23	40.88	-13.35	74.00	33.12	PK	Vertical	PASS
2	10236.12	52.73	42.12	-10.61	68.20	26.08	PK	Vertical	PASS
3	11466.73	50.24	41.13	-9.11	74.00	32.87	PK	Vertical	PASS
4	13557.78	53.25	41.47	-11.78	68.20	26.73	PK	Vertical	PASS
5	15038.52	50.08	40.95	-9.13	68.20	27.25	PK	Vertical	PASS
6	17834.92	46.05	40.83	-5.22	74.00	33.17	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5580
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

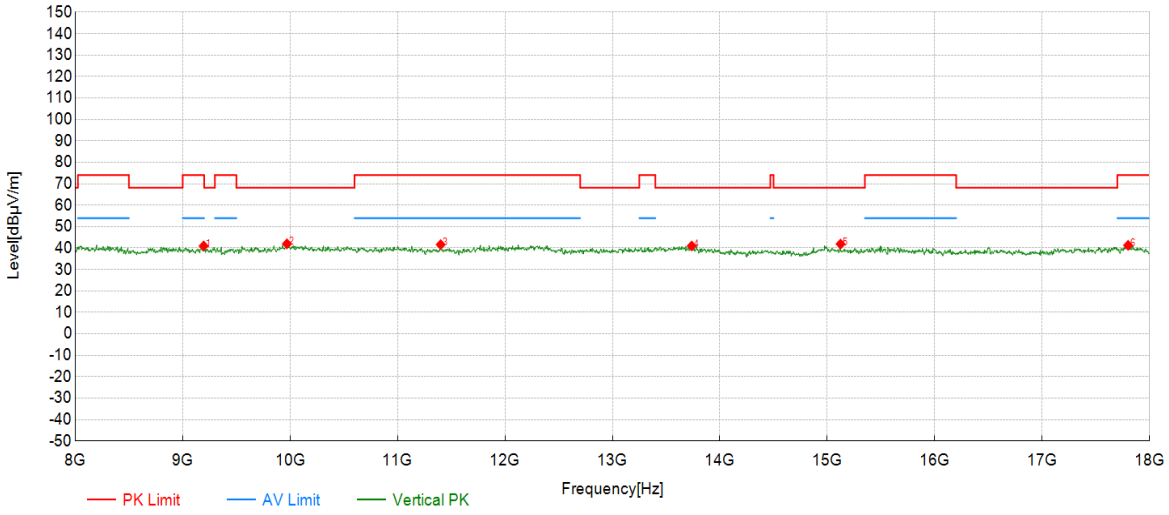


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8875.44	52.71	41.21	-11.50	68.20	26.99	PK	Horizontal	PASS
2	10676.34	50.43	41.44	-8.99	74.00	32.56	PK	Horizontal	PASS
3	12272.14	51.79	42.15	-9.64	74.00	31.85	PK	Horizontal	PASS
4	13702.85	52.54	41.03	-11.51	68.20	27.17	PK	Horizontal	PASS
5	16504.25	49.94	42.15	-7.79	68.20	26.05	PK	Horizontal	PASS
6	17804.90	46.88	41.83	-5.05	74.00	32.17	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5580
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

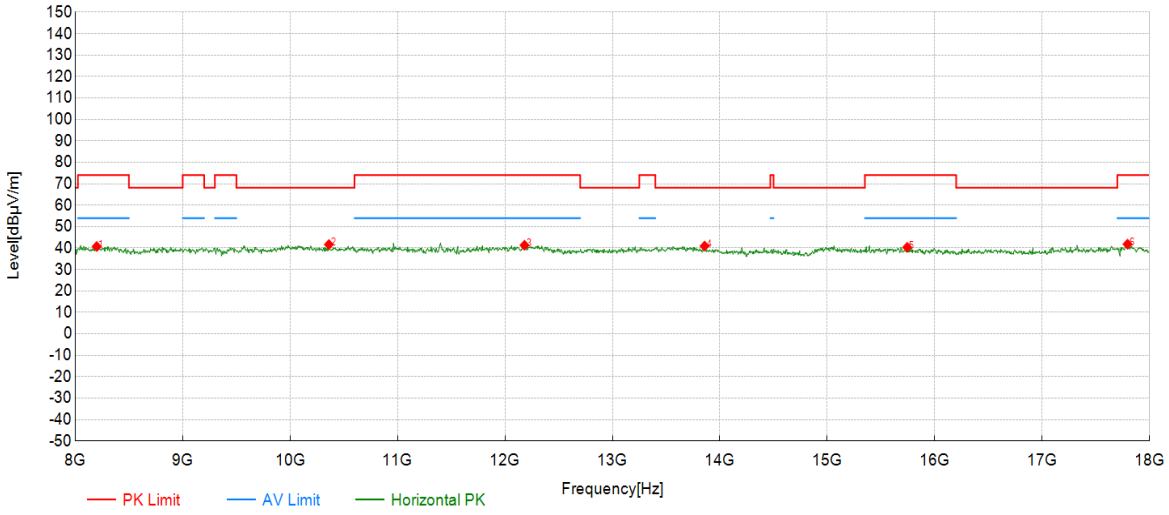


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9195.60	51.67	40.99	-10.68	74.00	33.01	PK	Vertical	PASS
2	9970.99	51.92	42.00	-9.92	68.20	26.20	PK	Vertical	PASS
3	11401.70	50.42	41.64	-8.78	74.00	32.36	PK	Vertical	PASS
4	13737.87	52.42	41.00	-11.42	68.20	27.20	PK	Vertical	PASS
5	15123.56	51.28	41.87	-9.41	68.20	26.33	PK	Vertical	PASS
6	17799.90	46.29	41.27	-5.02	74.00	32.73	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5700
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

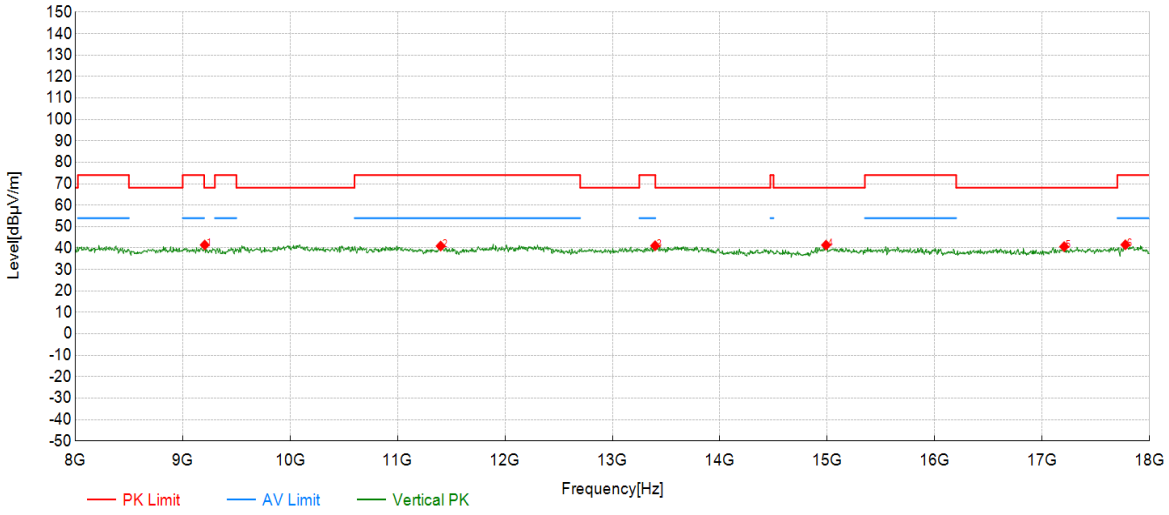


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8200.10	54.22	40.76	-13.46	74.00	33.24	PK	Horizontal	PASS
2	10361.18	51.83	41.66	-10.17	68.20	26.54	PK	Horizontal	PASS
3	12182.09	51.01	41.34	-9.67	74.00	32.66	PK	Horizontal	PASS
4	13857.93	52.29	40.93	-11.36	68.20	27.27	PK	Horizontal	PASS
5	15743.87	49.42	40.36	-9.06	74.00	33.64	PK	Horizontal	PASS
6	17794.90	46.86	41.81	-5.05	74.00	32.19	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5700
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

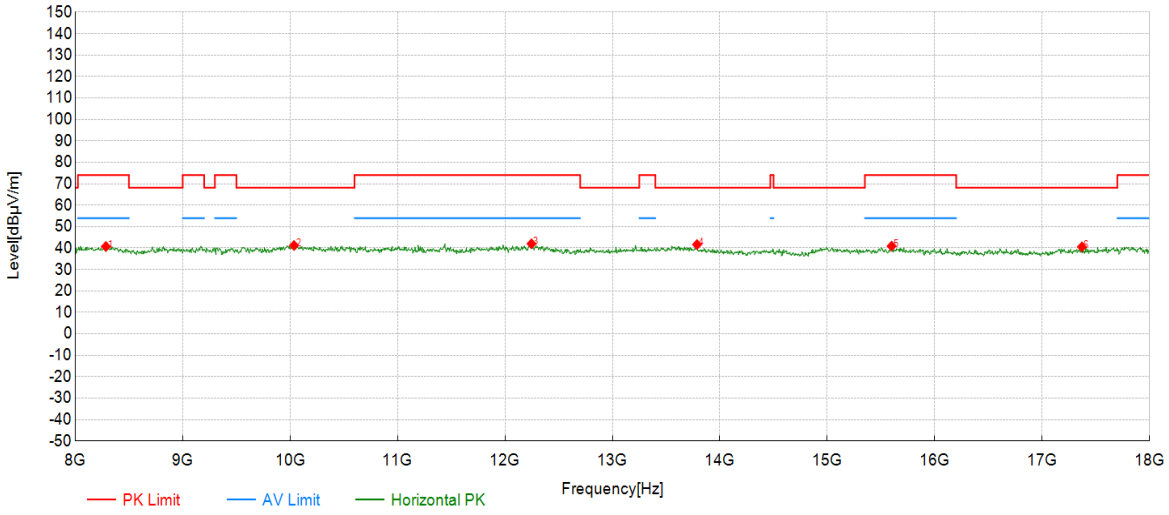


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9205.60	52.11	41.45	-10.66	68.20	26.75	PK	Vertical	PASS
2	11401.70	49.72	40.94	-8.78	74.00	33.06	PK	Vertical	PASS
3	13397.70	52.87	41.11	-11.76	74.00	32.89	PK	Vertical	PASS
4	14988.49	50.47	41.39	-9.08	68.20	26.81	PK	Vertical	PASS
5	17204.60	47.91	40.67	-7.24	68.20	27.53	PK	Vertical	PASS
6	17774.89	46.74	41.54	-5.20	74.00	32.46	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5720
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

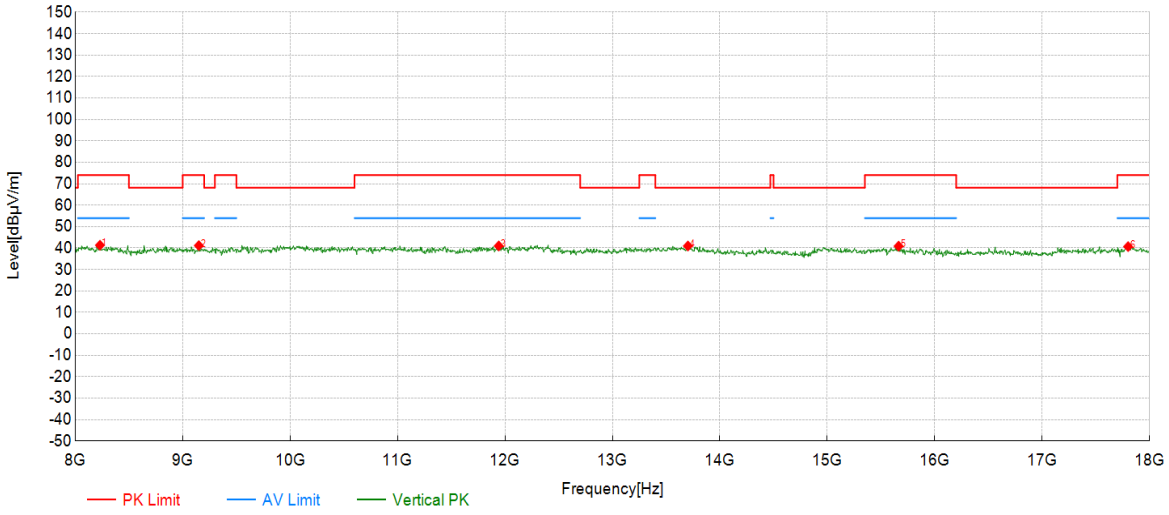


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8285.14	53.59	40.75	-12.84	74.00	33.25	PK	Horizontal	PASS
2	10036.02	51.08	41.21	-9.87	68.20	26.99	PK	Horizontal	PASS
3	12247.12	51.67	42.02	-9.65	74.00	31.98	PK	Horizontal	PASS
4	13787.89	52.94	41.64	-11.30	68.20	26.56	PK	Horizontal	PASS
5	15598.80	49.73	40.92	-8.81	74.00	33.08	PK	Horizontal	PASS
6	17369.68	47.52	40.57	-6.95	68.20	27.63	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5720
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

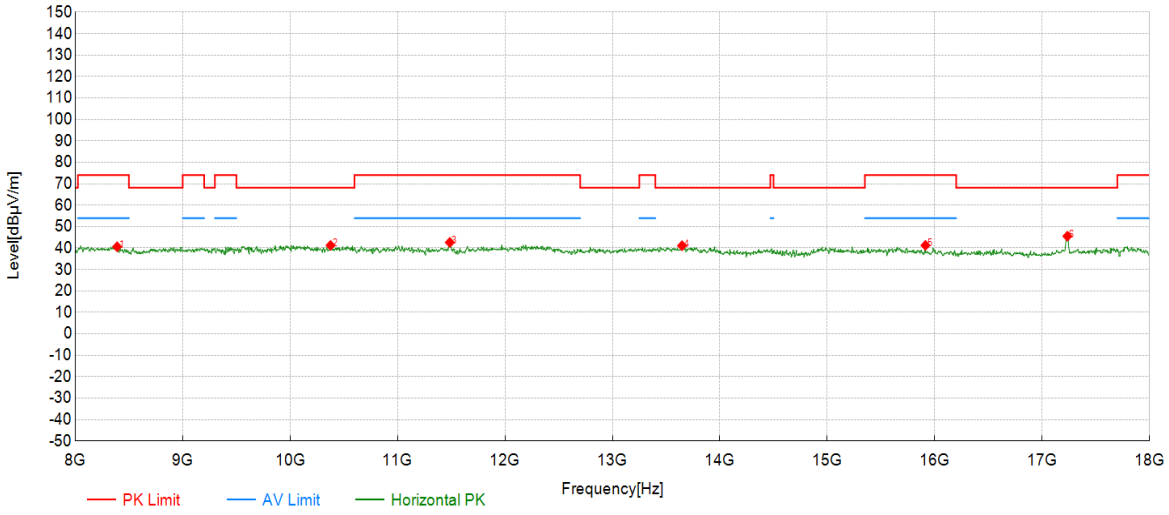


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8230.12	54.59	41.35	-13.24	74.00	32.65	PK	Vertical	PASS
2	9150.58	52.11	41.17	-10.94	74.00	32.83	PK	Vertical	PASS
3	11941.97	50.48	41.00	-9.48	74.00	33.00	PK	Vertical	PASS
4	13702.85	52.49	40.98	-11.51	68.20	27.22	PK	Vertical	PASS
5	15663.83	49.83	40.91	-8.92	74.00	33.09	PK	Vertical	PASS
6	17799.90	45.71	40.69	-5.02	74.00	33.31	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5745
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

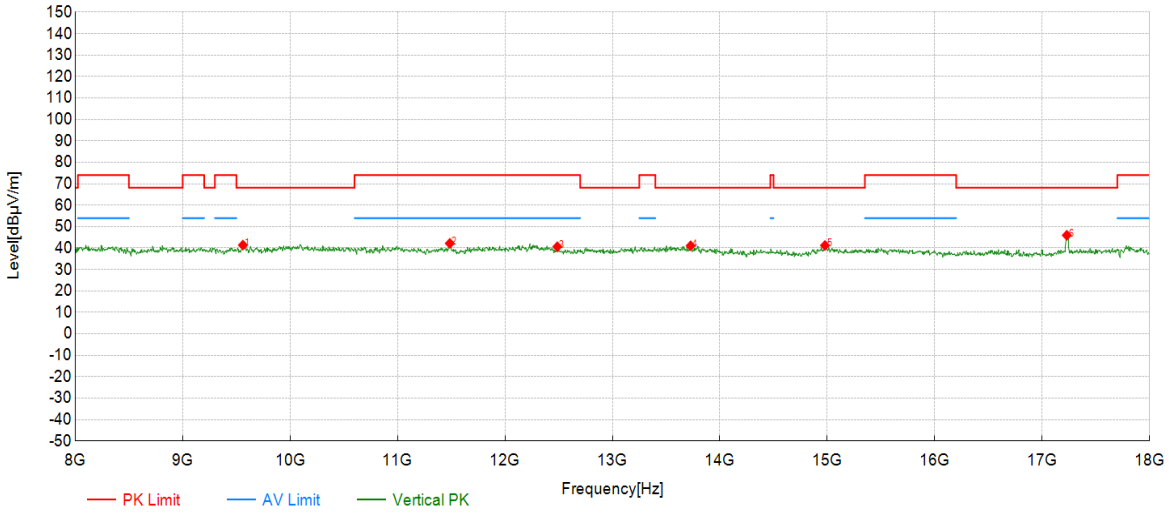


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8390.20	52.67	40.61	-12.06	74.00	33.39	PK	Horizontal	PASS
2	10376.19	51.38	41.26	-10.12	68.20	26.94	PK	Horizontal	PASS
3	11486.74	51.87	42.65	-9.22	74.00	31.35	PK	Horizontal	PASS
4	13647.82	52.75	41.11	-11.64	68.20	27.09	PK	Horizontal	PASS
5	15913.96	49.88	41.27	-8.61	74.00	32.73	PK	Horizontal	PASS
6	17234.62	52.73	45.54	-7.19	68.20	22.66	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5745
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

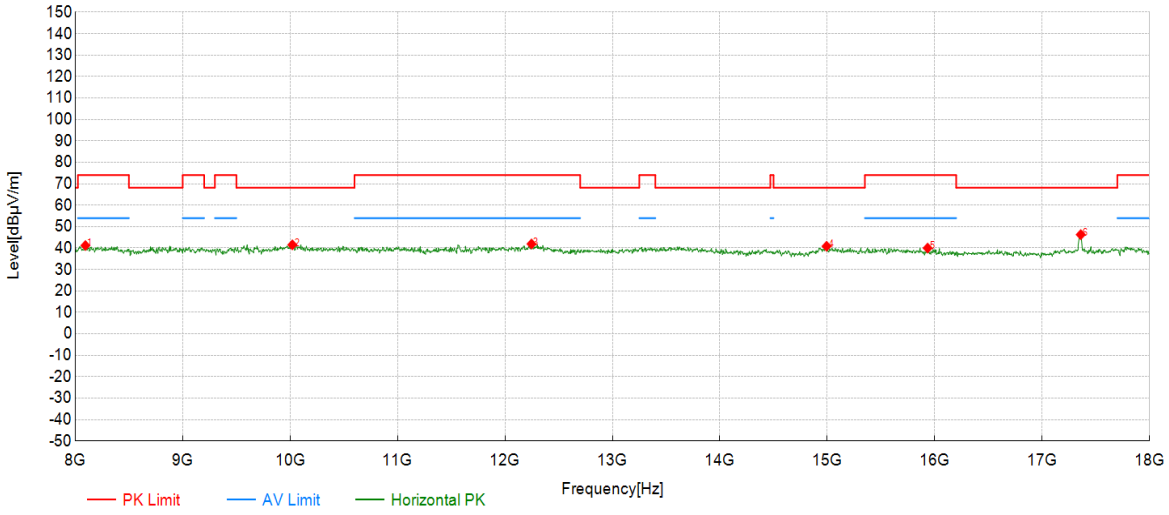


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9560.78	51.96	41.40	-10.56	68.20	26.80	PK	Vertical	PASS
2	11486.74	51.41	42.19	-9.22	74.00	31.81	PK	Vertical	PASS
3	12487.24	50.99	40.65	-10.34	74.00	33.35	PK	Vertical	PASS
4	13727.86	52.52	41.08	-11.44	68.20	27.12	PK	Vertical	PASS
5	14978.49	50.37	41.24	-9.13	68.20	26.96	PK	Vertical	PASS
6	17229.61	53.17	45.97	-7.20	68.20	22.23	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5785
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

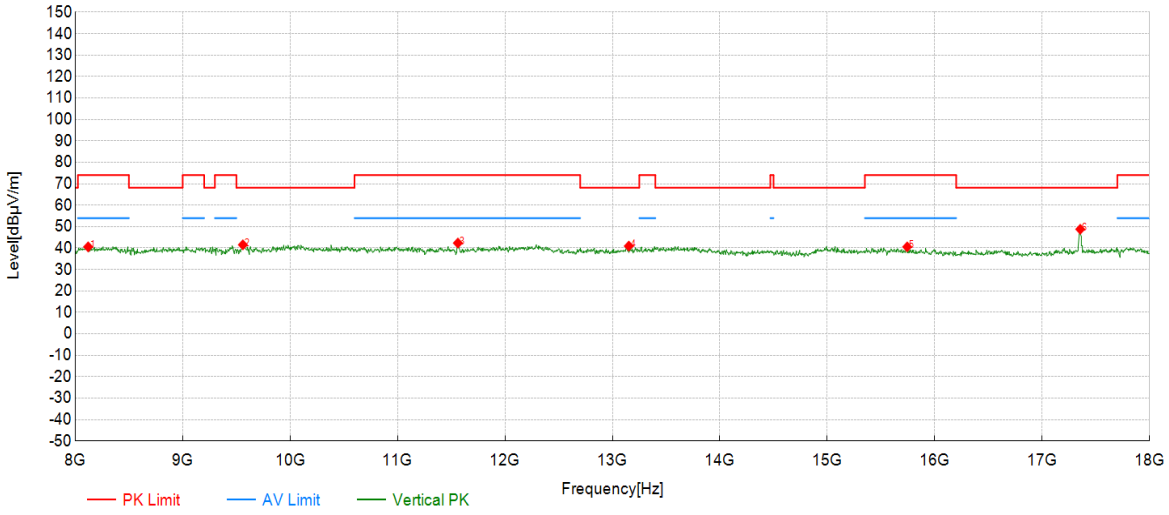


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8095.05	54.54	41.20	-13.34	74.00	32.80	PK	Horizontal	PASS
2	10021.01	51.32	41.53	-9.79	68.20	26.67	PK	Horizontal	PASS
3	12247.12	51.57	41.92	-9.65	74.00	32.08	PK	Horizontal	PASS
4	14993.50	49.89	40.85	-9.04	68.20	27.35	PK	Horizontal	PASS
5	15933.97	48.51	40.00	-8.51	74.00	34.00	PK	Horizontal	PASS
6	17359.68	53.25	46.28	-6.97	68.20	21.92	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5785
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

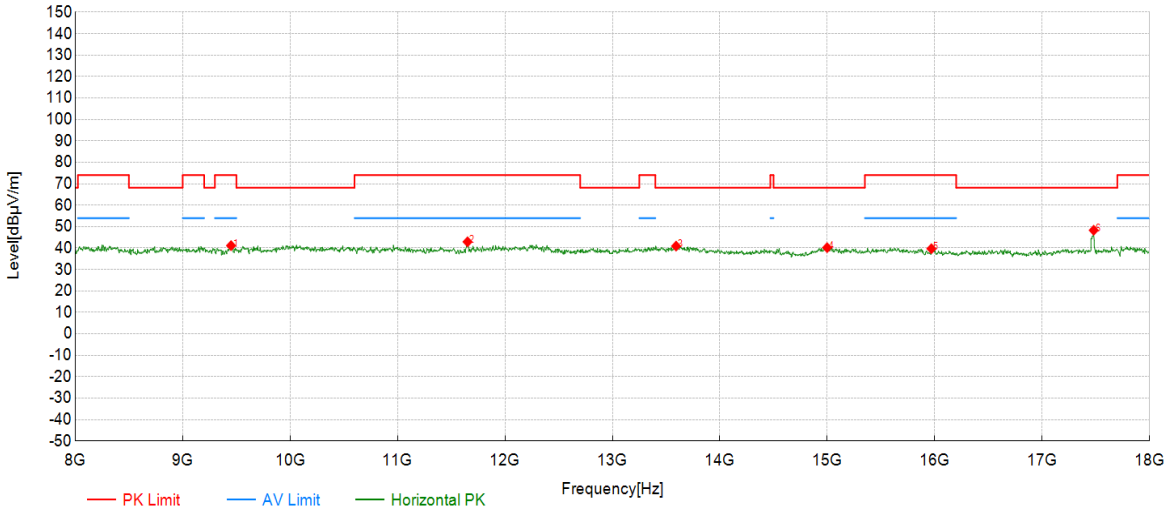


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	8120.06	53.93	40.57	-13.36	74.00	33.43	PK	Vertical	PASS
2	9560.78	52.08	41.52	-10.56	68.20	26.68	PK	Vertical	PASS
3	11561.78	51.99	42.34	-9.65	74.00	31.66	PK	Vertical	PASS
4	13152.58	52.96	40.93	-12.03	68.20	27.27	PK	Vertical	PASS
5	15743.87	49.63	40.57	-9.06	74.00	33.43	PK	Vertical	PASS
6	17354.68	55.77	48.79	-6.98	68.20	19.41	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5825
Bandwidth	20M	Polarity	H
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

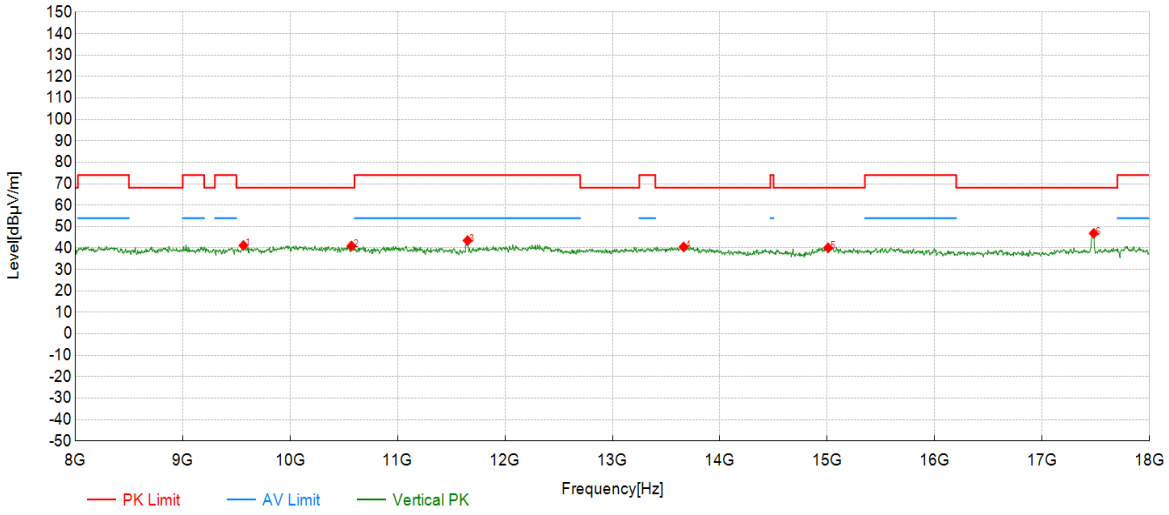


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9450.73	51.89	41.15	-10.74	74.00	32.85	PK	Horizontal	PASS
2	11651.83	52.71	42.92	-9.79	74.00	31.08	PK	Horizontal	PASS
3	13592.80	52.70	40.94	-11.76	68.20	27.26	PK	Horizontal	PASS
4	14998.50	49.21	40.20	-9.01	68.20	28.00	PK	Horizontal	PASS
5	15968.98	48.05	39.70	-8.35	74.00	34.30	PK	Horizontal	PASS
6	17479.74	55.02	48.31	-6.71	68.20	19.89	PK	Horizontal	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

Project Information			
Test Mode	802.11a	Frequency	5825
Bandwidth	20M	Polarity	V
Environment	Temp: 22.2℃; Humi:55%	Test Date	2026-04-13
Note	\	Engineer	Leslie Xie

Test Graph

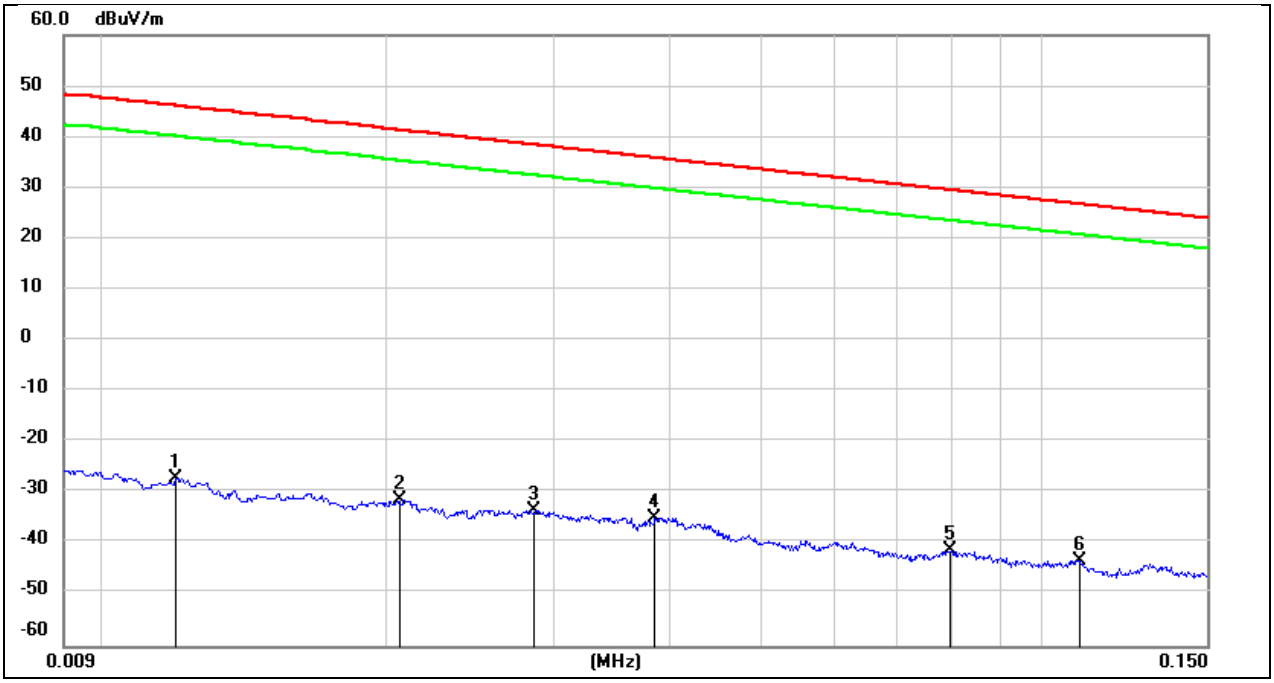


PEAK Data List									
NO.	Frequency [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Detector	Polarity	Verdict
1	9565.78	51.75	41.21	-10.54	68.20	26.99	PK	Vertical	PASS
2	10571.29	50.21	41.00	-9.21	68.20	27.20	PK	Vertical	PASS
3	11651.83	53.29	43.50	-9.79	74.00	30.50	PK	Vertical	PASS
4	13662.83	52.15	40.54	-11.61	68.20	27.66	PK	Vertical	PASS
5	15008.50	49.13	40.11	-9.02	68.20	28.09	PK	Vertical	PASS
6	17479.74	53.56	46.85	-6.71	68.20	21.35	PK	Vertical	PASS

Note:(1)Level=Reading+Factor
(2)Margin=Limit-Level

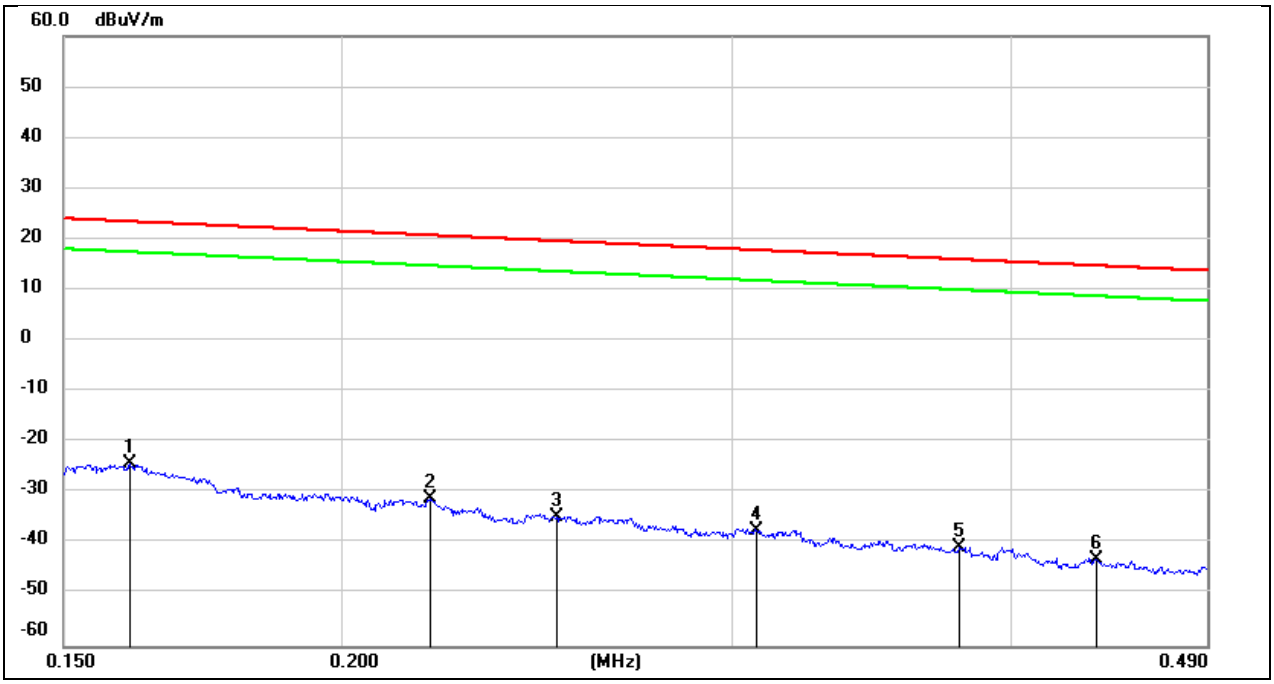
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



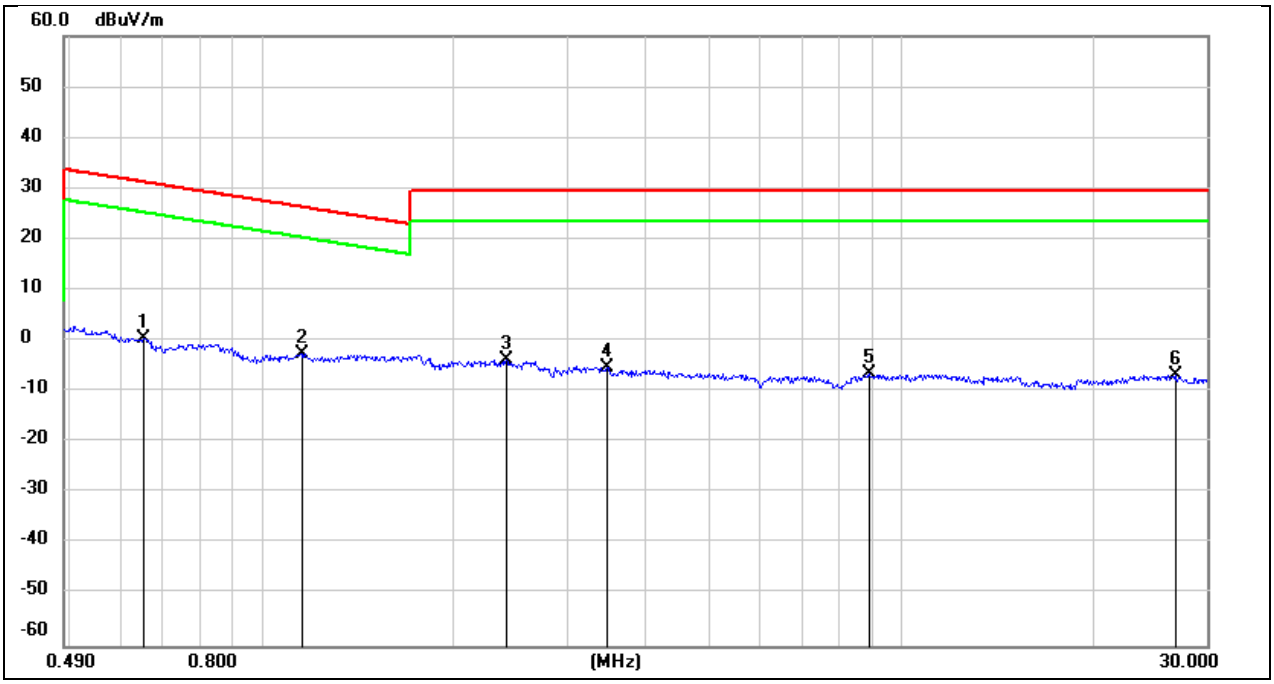
No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0119	74.16	-101.39	-27.23	46.09	-78.73	-5.41	-73.32	peak
2	0.0206	69.92	-101.35	-31.43	41.32	-82.93	-10.18	-72.75	peak
3	0.0286	67.96	-101.38	-33.42	38.47	-84.92	-13.03	-71.89	peak
4	0.0386	66.46	-101.43	-34.97	35.87	-86.47	-15.63	-70.84	peak
5	0.0796	60.53	-101.63	-41.10	29.58	-92.60	-21.92	-70.68	peak
6	0.1100	58.42	-101.77	-43.35	26.78	-94.85	-24.72	-70.13	peak

Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1607	77.61	-101.65	-24.04	23.48	-75.54	-28.02	-47.52	peak
2	0.2194	70.76	-101.75	-30.99	20.78	-82.49	-30.72	-51.77	peak
3	0.2500	67.29	-101.80	-34.51	19.64	-86.01	-31.86	-54.15	peak
4	0.3074	64.52	-101.86	-37.34	17.85	-88.84	-33.65	-55.19	peak
5	0.3790	61.33	-101.94	-40.61	16.03	-92.11	-35.47	-56.64	peak
6	0.4369	58.85	-102.00	-43.15	14.79	-94.65	-36.71	-57.94	peak

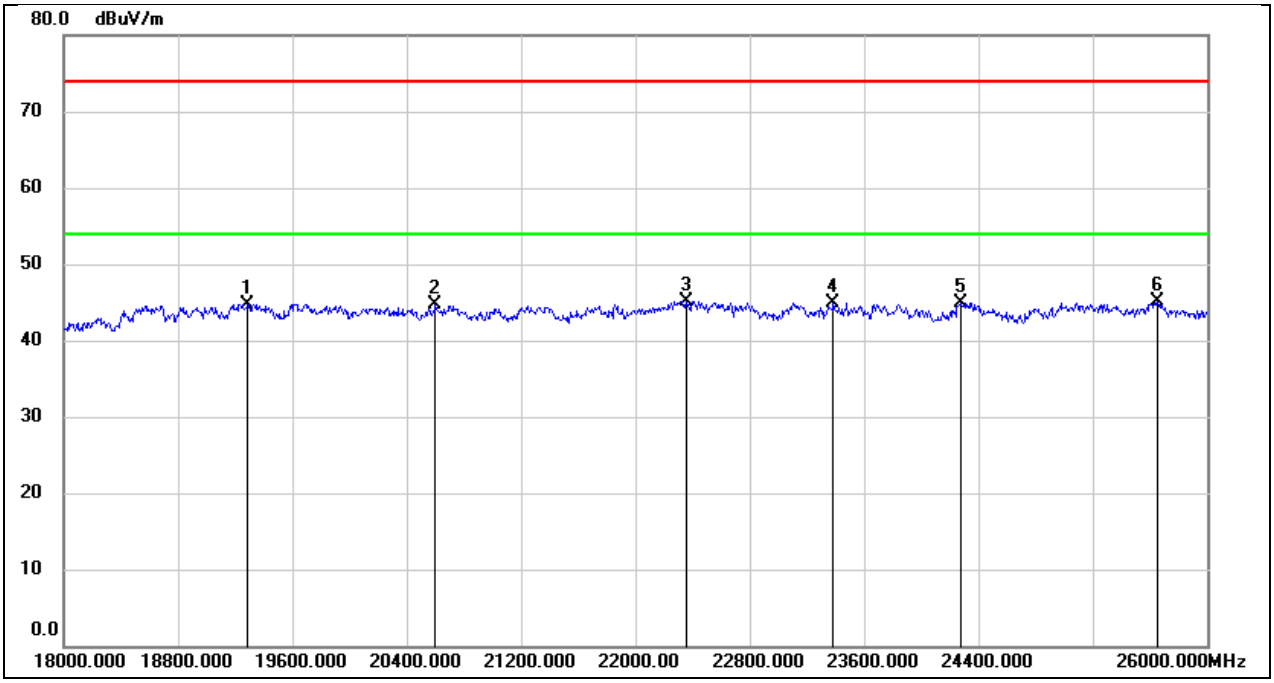
Test Mode:	802.11a20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.6532	62.48	-62.10	0.38	31.30	-51.12	-20.20	-30.92	peak
2	1.1531	59.75	-62.20	-2.45	26.37	-53.95	-25.13	-28.82	peak
3	2.4083	57.88	-61.72	-3.84	29.54	-55.34	-21.96	-33.38	peak
4	3.4704	56.35	-61.46	-5.11	29.54	-56.61	-21.96	-34.65	peak
5	8.9001	54.41	-60.95	-6.54	29.54	-58.04	-21.96	-36.08	peak
6	26.8719	53.54	-60.27	-6.73	29.54	-58.23	-21.96	-36.27	peak

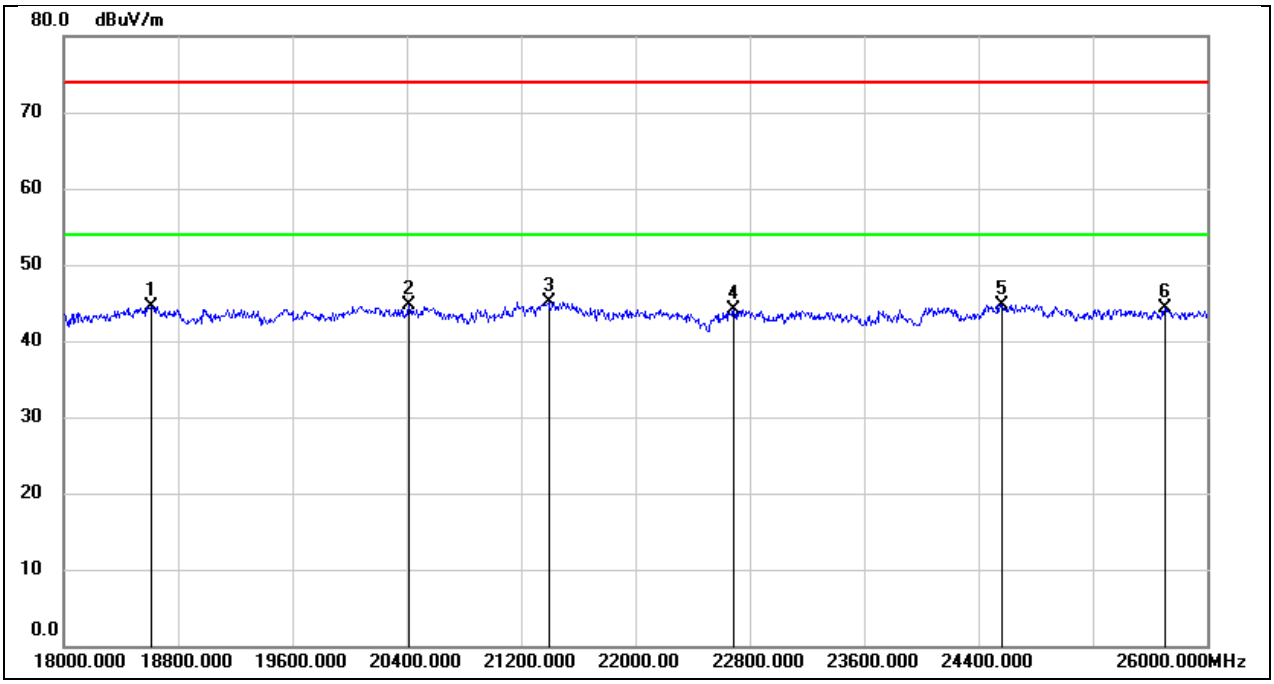
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19288.000	50.37	-5.58	44.79	74.00	-29.21	peak
2	20600.000	49.89	-5.26	44.63	74.00	-29.37	peak
3	22352.000	49.27	-4.08	45.19	74.00	-28.81	peak
4	23384.000	48.19	-3.24	44.95	74.00	-29.05	peak
5	24272.000	47.75	-2.79	44.96	74.00	-29.04	peak
6	25648.000	46.23	-1.09	45.14	74.00	-28.86	peak

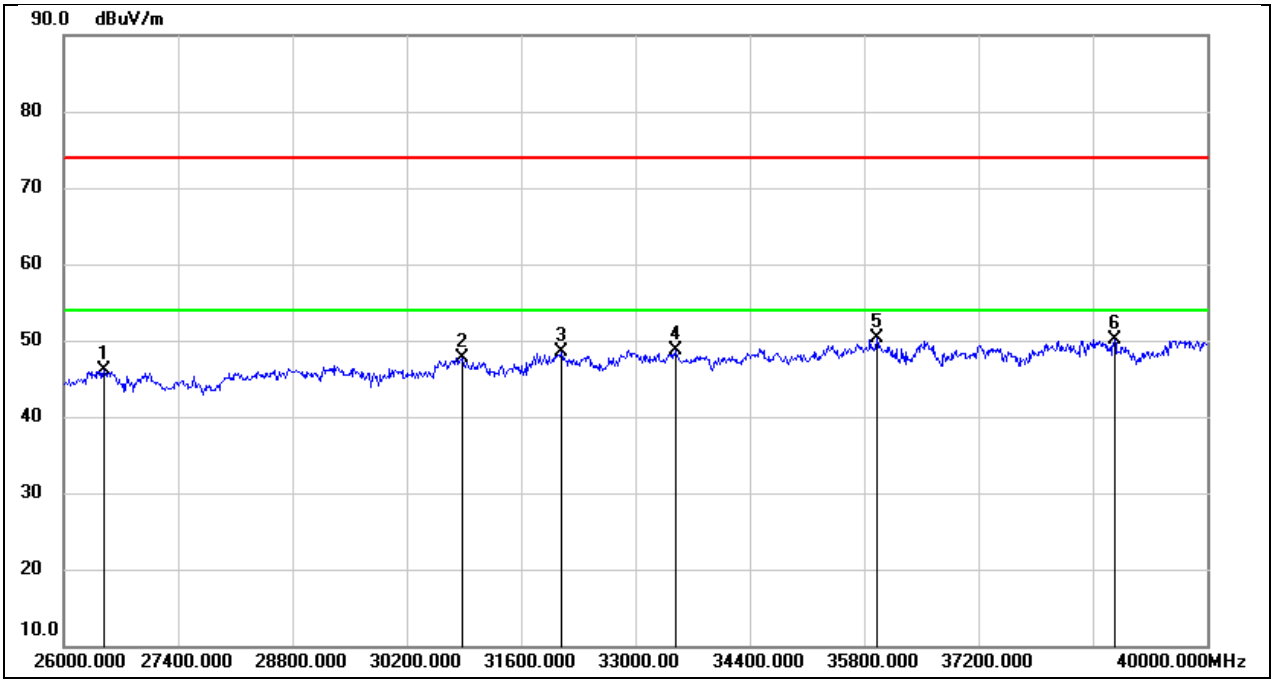
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	49.89	-5.34	44.55	74.00	-29.45	peak
2	20416.000	50.13	-5.45	44.68	74.00	-29.32	peak
3	21392.000	49.78	-4.72	45.06	74.00	-28.94	peak
4	22688.000	47.82	-3.74	44.08	74.00	-29.92	peak
5	24568.000	47.10	-2.33	44.77	74.00	-29.23	peak
6	25704.000	45.04	-0.83	44.21	74.00	-29.79	peak

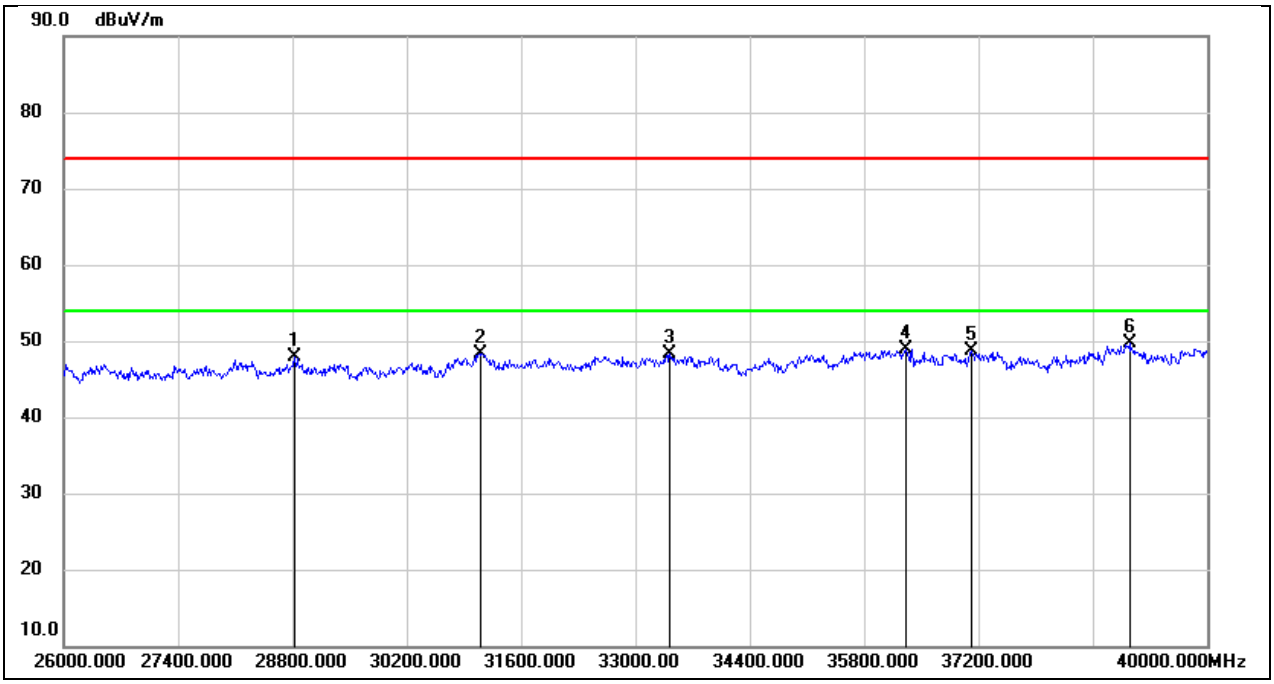
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	50.79	-4.74	46.05	74.00	-27.95	peak
2	30886.000	48.62	-0.93	47.69	74.00	-26.31	peak
3	32090.000	50.23	-1.80	48.43	74.00	-25.57	peak
4	33490.000	48.18	0.54	48.72	74.00	-25.28	peak
5	35954.000	46.34	3.94	50.28	74.00	-23.72	peak
6	38866.000	45.88	4.22	50.10	74.00	-23.90	peak

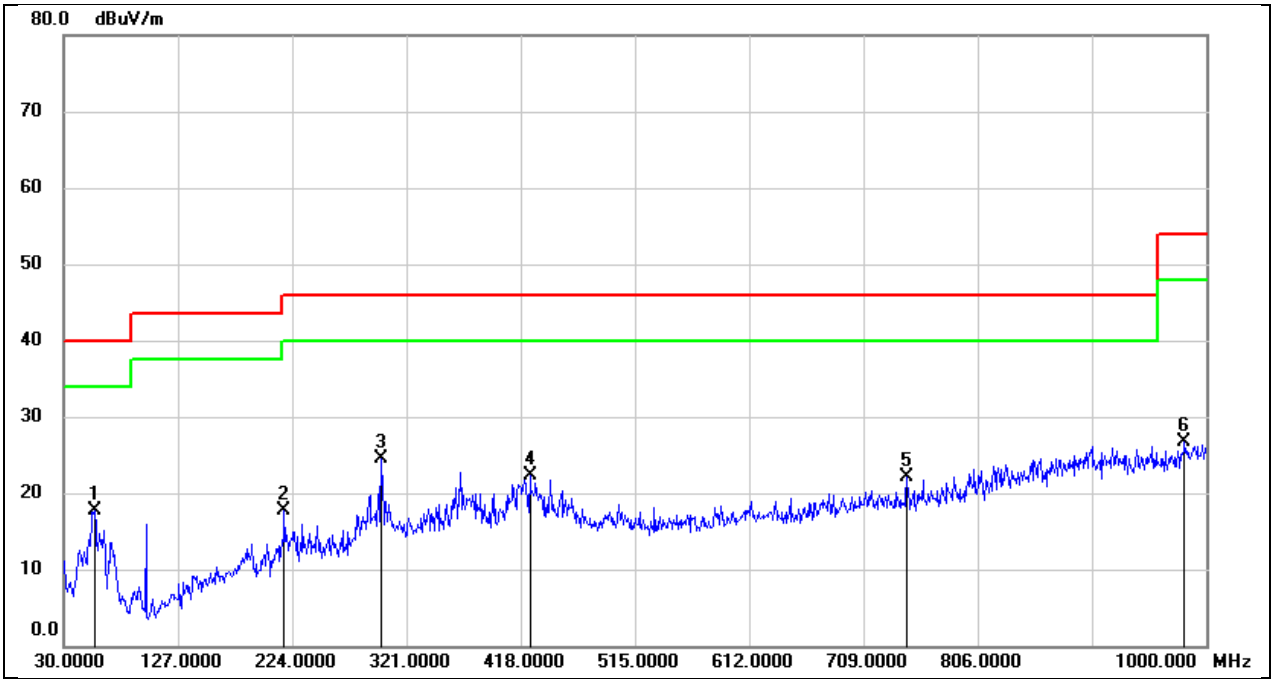
Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC 3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	28828.000	48.63	-0.79	47.84	74.00	-26.16	peak
2	31096.000	49.13	-0.74	48.39	74.00	-25.61	peak
3	33420.000	48.09	0.24	48.33	74.00	-25.67	peak
4	36304.000	45.65	3.35	49.00	74.00	-25.00	peak
5	37116.000	45.60	3.18	48.78	74.00	-25.22	peak
6	39048.000	45.43	4.32	49.75	74.00	-24.25	peak

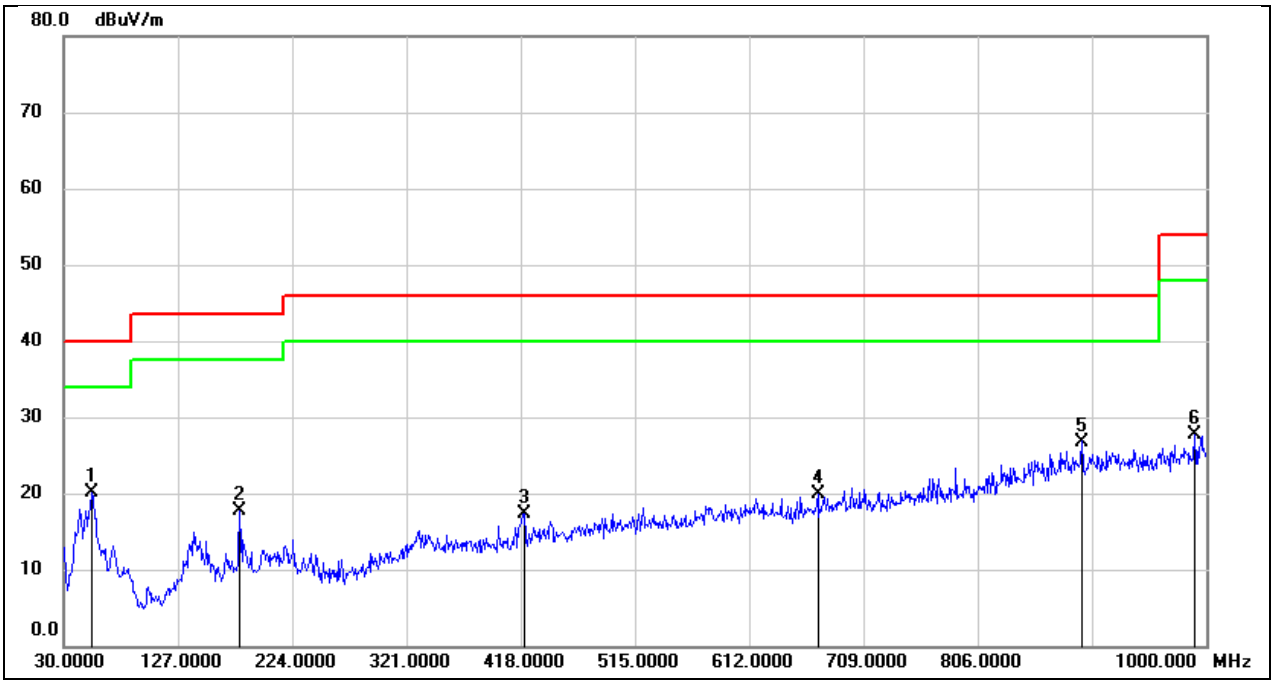
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Horizontal	Test Voltage:	DC3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	56.1900	32.79	-15.18	17.61	40.00	-22.39	peak
2	217.2100	30.79	-13.14	17.65	46.00	-28.35	peak
3	299.6600	35.78	-11.27	24.51	46.00	-21.49	peak
4	425.7600	31.01	-8.69	22.32	46.00	-23.68	peak
5	745.8600	25.58	-3.46	22.12	46.00	-23.88	peak
6	981.5700	26.84	-0.05	26.79	54.00	-27.21	peak

Test Mode:	802.11a 20	Frequency(MHz):	5180
Polarity:	Vertical	Test Voltage:	DC3.3V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	53.2800	35.34	-15.22	20.12	40.00	-19.88	peak
2	179.3800	29.54	-11.93	17.61	43.50	-25.89	peak
3	420.9100	26.26	-8.86	17.40	46.00	-28.60	peak
4	670.2000	24.74	-4.89	19.85	46.00	-26.15	peak
5	894.2700	27.42	-0.62	26.80	46.00	-19.20	peak
6	990.3000	27.48	0.13	27.61	54.00	-26.39	peak

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to FCC 47 CFR §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

*Decreases with the logarithm of the frequency.

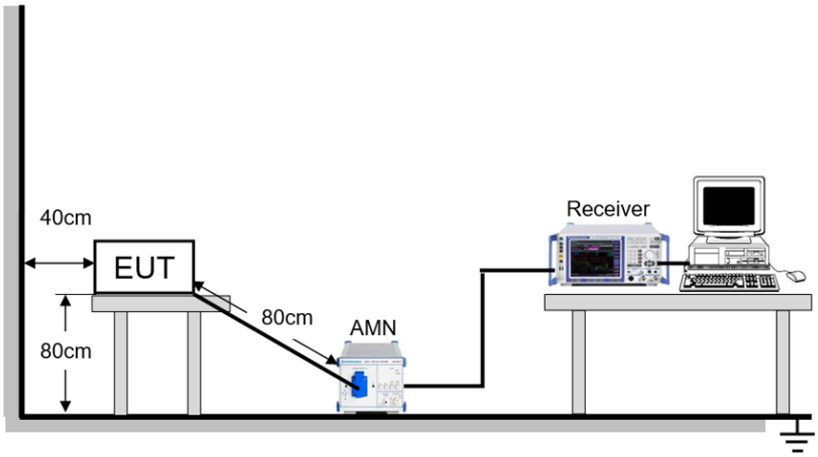
TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2020.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

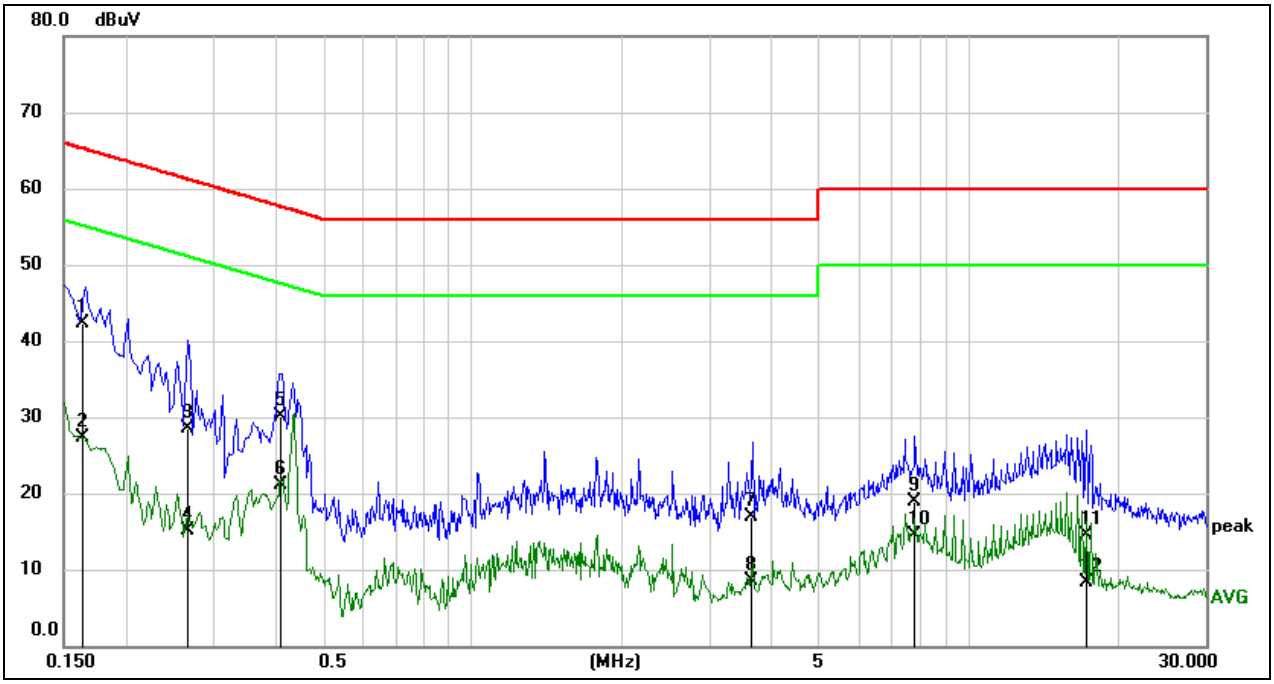
Temperature	24.4℃	Relative Humidity	62%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	April 26, 2026	Test By	Johnson Liu

TEST RESULTS

Test Mode:	802.11a	Frequency(MHz):	5180
Line:	Line		

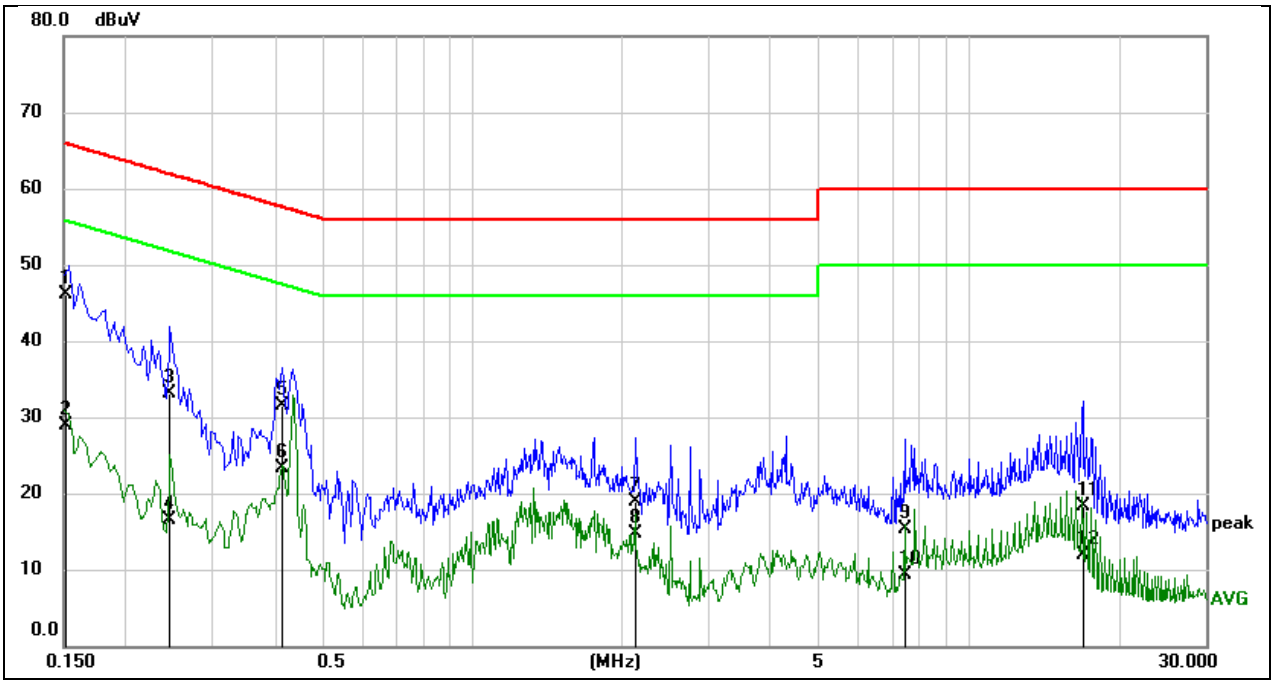


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1633	32.81	9.54	42.35	65.29	-22.94	QP
2	0.1633	17.72	9.54	27.26	55.29	-28.03	AVG
3	0.2661	19.04	9.56	28.60	61.24	-32.64	QP
4	0.2661	5.63	9.56	15.19	51.24	-36.05	AVG
5	0.4121	20.40	9.61	30.01	57.61	-27.60	QP
6	0.4121	11.48	9.61	21.09	47.61	-26.52	AVG
7	3.6340	7.31	9.69	17.00	56.00	-39.00	QP
8	3.6340	-1.24	9.69	8.45	46.00	-37.55	AVG
9	7.7690	9.21	9.68	18.89	60.00	-41.11	QP
10	7.7690	4.89	9.68	14.57	50.00	-35.43	AVG
11	17.2557	4.72	9.79	14.51	60.00	-45.49	QP
12	17.2557	-1.44	9.79	8.35	50.00	-41.65	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	802.11a	Frequency(MHz):	5180
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1511	36.57	9.54	46.11	65.94	-19.83	QP
2	0.1511	19.42	9.54	28.96	55.94	-26.98	AVG
3	0.2438	23.56	9.55	33.11	61.97	-28.86	QP
4	0.2438	6.98	9.55	16.53	51.97	-35.44	AVG
5	0.4124	21.94	9.61	31.55	57.60	-26.05	QP
6	0.4124	13.69	9.61	23.30	47.60	-24.30	AVG
7	2.1201	9.41	9.55	18.96	56.00	-37.04	QP
8	2.1201	5.13	9.55	14.68	46.00	-31.32	AVG
9	7.4597	5.64	9.66	15.30	60.00	-44.70	QP
10	7.4597	-0.40	9.66	9.26	50.00	-40.74	AVG
11	16.9421	8.55	9.78	18.33	60.00	-41.67	QP
12	16.9421	2.10	9.78	11.88	50.00	-38.12	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203
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 shall be considered sufficient to comply with the provisions of this section. 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.

Please refer to FCC part 15.407(a)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

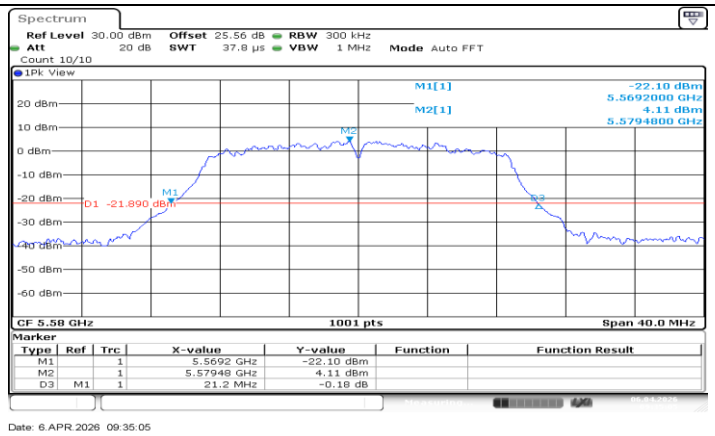
11.1. APPENDIX A: EMISSION BANDWIDTH

11.1.1. Test Result

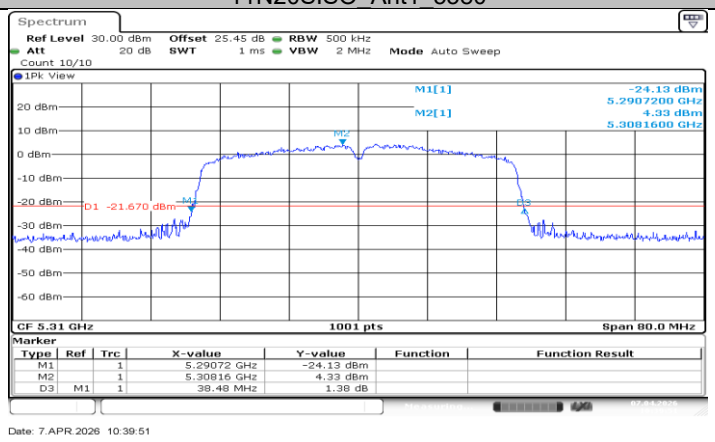
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	19.36	5170.20	5189.56	PASS
	Ant2	5180	20.32	5169.80	5190.12	PASS
	Ant1	5200	19.20	5190.32	5209.52	PASS
	Ant2	5200	20.28	5189.96	5210.24	PASS
	Ant1	5240	19.76	5230.20	5249.96	PASS
	Ant2	5240	19.96	5230.08	5250.04	PASS
	Ant1	5260	19.72	5250.12	5269.84	PASS
	Ant2	5260	21.00	5249.44	5270.44	PASS
	Ant1	5280	19.04	5270.24	5289.28	PASS
	Ant2	5280	20.60	5269.72	5290.32	PASS
	Ant1	5320	19.48	5310.32	5329.80	PASS
	Ant2	5320	20.60	5309.84	5330.44	PASS
	Ant1	5500	19.72	5490.08	5509.80	PASS
	Ant2	5500	19.84	5490.04	5509.88	PASS
	Ant1	5580	19.88	5570.24	5590.12	PASS
	Ant2	5580	20.68	5569.52	5590.20	PASS
	Ant1	5700	19.48	5690.24	5709.72	PASS
	Ant2	5700	20.12	5690.00	5710.12	PASS
	Ant1	5720	19.92	5710.20	5730.12	PASS
	Ant2	5720	20.84	5709.44	5730.28	PASS
	Ant1	5720_UNII-2C	14.8	5710.20	5725	PASS
	Ant2	5720_UNII-2C	15.56	5709.44	5725	PASS
	Ant1	5720_UNII-3	5.12	5725	5730.12	PASS
	Ant2	5720_UNII-3	5.28	5725	5730.28	PASS
	Ant1	5745	18.96	5735.28	5754.24	PASS
	Ant2	5745	19.48	5735.24	5754.72	PASS
	Ant1	5785	19.60	5775.08	5794.68	PASS
	Ant2	5785	19.84	5775.24	5795.08	PASS
	Ant1	5825	19.84	5814.96	5834.80	PASS
	Ant2	5825	19.20	5815.36	5834.56	PASS
11N20SISO	Ant1	5180	20.16	5169.68	5189.84	PASS
	Ant2	5180	20.24	5170.16	5190.40	PASS
	Ant1	5200	19.84	5190.08	5209.92	PASS
	Ant2	5200	20.20	5189.88	5210.08	PASS
	Ant1	5240	20.44	5229.80	5250.24	PASS
	Ant2	5240	20.32	5229.92	5250.24	PASS
	Ant1	5260	20.36	5250.00	5270.36	PASS
	Ant2	5260	20.28	5249.76	5270.04	PASS
	Ant1	5280	20.44	5269.56	5290.00	PASS
	Ant2	5280	20.08	5270.04	5290.12	PASS
	Ant1	5320	20.88	5309.68	5330.56	PASS
	Ant2	5320	20.48	5309.68	5330.16	PASS
	Ant1	5500	20.76	5489.48	5510.24	PASS
	Ant2	5500	19.92	5489.96	5509.88	PASS
	Ant1	5580	21.20	5569.20	5590.40	PASS
	Ant2	5580	20.36	5569.52	5589.88	PASS
	Ant1	5700	20.44	5689.68	5710.12	PASS
	Ant2	5700	20.40	5689.64	5710.04	PASS
	Ant1	5720	20.32	5709.80	5730.12	PASS
	Ant2	5720	19.92	5710.00	5729.92	PASS
	Ant1	5720_UNII-2C	15.2	5709.80	5725	PASS
	Ant2	5720_UNII-2C	15	5710.00	5725	PASS

	Ant1	5720_UNII-3	5.12	5725	5730.12	PASS
	Ant2	5720_UNII-3	4.92	5725	5729.92	PASS
	Ant1	5745	21.00	5734.36	5755.36	PASS
	Ant2	5745	20.08	5734.92	5755.00	PASS
	Ant1	5785	20.36	5774.60	5794.96	PASS
	Ant2	5785	20.32	5774.80	5795.12	PASS
	Ant1	5825	20.32	5814.88	5835.20	PASS
	Ant2	5825	20.32	5814.96	5835.28	PASS
11N40SISO	Ant1	5190	38.24	5170.96	5209.20	PASS
	Ant2	5190	38.32	5170.88	5209.20	PASS
	Ant1	5230	38.24	5210.96	5249.20	PASS
	Ant2	5230	38.16	5211.04	5249.20	PASS
	Ant1	5270	38.32	5250.88	5289.20	PASS
	Ant2	5270	38.32	5250.88	5289.20	PASS
	Ant1	5310	38.32	5290.80	5329.12	PASS
	Ant2	5310	38.48	5290.72	5329.20	PASS
	Ant1	5510	38.40	5490.80	5529.20	PASS
	Ant2	5510	38.40	5490.80	5529.20	PASS
	Ant1	5550	38.40	5530.80	5569.20	PASS
	Ant2	5550	38.24	5530.88	5569.12	PASS
	Ant1	5670	38.32	5650.88	5689.20	PASS
	Ant2	5670	38.32	5650.88	5689.20	PASS
	Ant1	5710	38.32	5690.80	5729.12	PASS
	Ant2	5710	38.40	5690.80	5729.20	PASS
	Ant1	5710_UNII-2C	34.2	5690.80	5725	PASS
	Ant2	5710_UNII-2C	34.2	5690.80	5725	PASS
	Ant1	5710_UNII-3	4.12	5725	5729.12	PASS
	Ant2	5710_UNII-3	4.2	5725	5729.20	PASS
	Ant1	5755	38.40	5735.80	5774.20	PASS
	Ant2	5755	38.40	5735.80	5774.20	PASS
	Ant1	5795	38.48	5775.72	5814.20	PASS
	Ant2	5795	38.40	5775.80	5814.20	PASS

11.1.2. Test Graphs



11N20SISO_Ant1_5580



11N40SISO_Ant2_5310

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40)

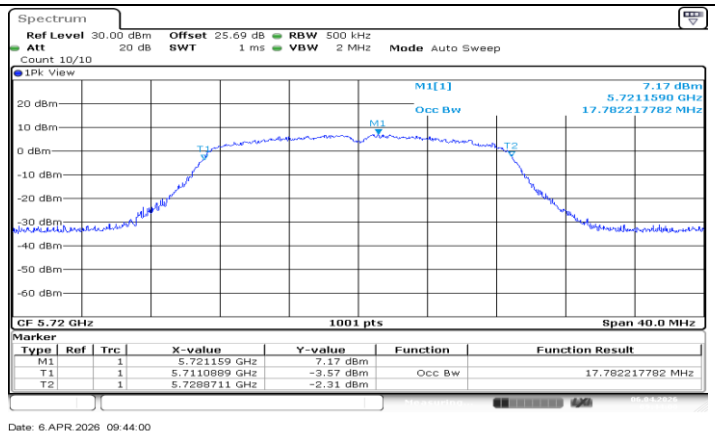
11.2. APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result

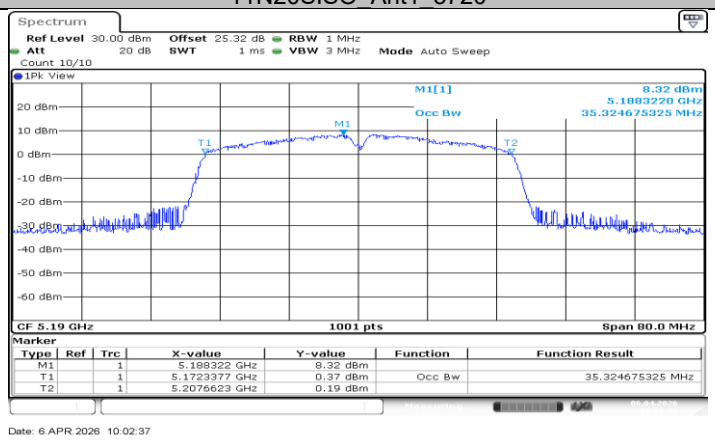
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11A	Ant1	5180	16.663	5171.6883	5188.3516	PASS
	Ant2	5180	17.702	5171.1688	5188.8711	PASS
	Ant1	5200	16.703	5191.6883	5208.3916	PASS
	Ant2	5200	17.702	5191.1688	5208.8711	PASS
	Ant1	5240	16.703	5231.6883	5248.3916	PASS
	Ant2	5240	17.702	5231.1688	5248.8711	PASS
	Ant1	5260	16.703	5251.7283	5268.4316	PASS
	Ant2	5260	17.742	5251.1289	5268.8711	PASS
	Ant1	5280	16.703	5271.7283	5288.4316	PASS
	Ant2	5280	17.742	5271.1289	5288.8711	PASS
	Ant1	5320	16.703	5311.6883	5328.3916	PASS
	Ant2	5320	17.742	5311.1688	5328.9111	PASS
	Ant1	5500	16.663	5491.7283	5508.3916	PASS
	Ant2	5500	17.742	5491.1289	5508.8711	PASS
	Ant1	5580	16.663	5571.7283	5588.3916	PASS
	Ant2	5580	17.702	5571.1289	5588.8312	PASS
	Ant1	5700	16.703	5691.6883	5708.3916	PASS
	Ant2	5700	17.702	5691.1688	5708.8711	PASS
	Ant1	5720	16.663	5711.6883	5728.3516	PASS
	Ant2	5720	17.742	5711.0889	5728.8312	PASS
	Ant1	5720_UNII-2C	13.312	5711.6883	5725	PASS
	Ant2	5720_UNII-2C	13.911	5711.0889	5725	PASS
	Ant1	5720_UNII-3	3.352	5725	5728.3516	PASS
	Ant2	5720_UNII-3	3.831	5725	5728.8312	PASS
	Ant1	5745	16.703	5736.6883	5753.3916	PASS
	Ant2	5745	16.663	5736.6883	5753.3516	PASS
	Ant1	5785	16.703	5776.7283	5793.4316	PASS
	Ant2	5785	16.743	5776.7283	5793.4715	PASS
	Ant1	5825	16.743	5816.6883	5833.4316	PASS
	Ant2	5825	16.743	5816.6883	5833.4316	PASS
11N20SISO	Ant1	5180	17.662	5171.2088	5188.8711	PASS
	Ant2	5180	17.702	5171.1688	5188.8711	PASS
	Ant1	5200	17.742	5191.1289	5208.8711	PASS
	Ant2	5200	17.742	5191.1289	5208.8711	PASS
	Ant1	5240	17.702	5231.1688	5248.8711	PASS
	Ant2	5240	17.702	5231.1688	5248.8711	PASS
	Ant1	5260	17.742	5251.1289	5268.8711	PASS
	Ant2	5260	17.702	5251.1688	5268.8711	PASS
	Ant1	5280	17.702	5271.1688	5288.8711	PASS
	Ant2	5280	17.742	5271.1289	5288.8711	PASS
	Ant1	5320	17.742	5311.1289	5328.8711	PASS
	Ant2	5320	17.702	5311.1688	5328.8711	PASS
	Ant1	5500	17.742	5491.1289	5508.8711	PASS
	Ant2	5500	17.742	5491.1289	5508.8711	PASS
	Ant1	5580	17.742	5571.1289	5588.8711	PASS
	Ant2	5580	17.702	5571.1289	5588.8312	PASS
	Ant1	5700	17.742	5691.1289	5708.8711	PASS
	Ant2	5700	17.742	5691.1289	5708.8711	PASS
	Ant1	5720	17.782	5711.0889	5728.8711	PASS
	Ant2	5720	17.782	5711.0889	5728.8711	PASS
	Ant1	5720_UNII-2C	13.911	5711.0889	5725	PASS
	Ant2	5720_UNII-2C	13.911	5711.0889	5725	PASS
	Ant1	5720_UNII-3	3.871	5725	5728.8711	PASS

	Ant2	5720_UNII-3	3.871	5725	5728.8711	PASS
	Ant1	5745	17.702	5736.1289	5753.8312	PASS
	Ant2	5745	17.742	5736.1289	5753.8711	PASS
	Ant1	5785	17.742	5776.1289	5793.8711	PASS
	Ant2	5785	17.742	5776.1688	5793.9111	PASS
	Ant1	5825	17.742	5816.1289	5833.8711	PASS
	Ant2	5825	17.742	5816.1289	5833.8711	PASS
11N40SISO	Ant1	5190	35.325	5172.3377	5207.6623	PASS
	Ant2	5190	35.325	5172.4176	5207.7423	PASS
	Ant1	5230	35.245	5212.4176	5247.6623	PASS
	Ant2	5230	35.165	5212.4975	5247.6623	PASS
	Ant1	5270	35.245	5252.4176	5287.6623	PASS
	Ant2	5270	35.325	5252.4176	5287.7423	PASS
	Ant1	5310	35.325	5292.3377	5327.6623	PASS
	Ant2	5310	35.325	5292.4176	5327.7423	PASS
	Ant1	5510	35.245	5492.4176	5527.6623	PASS
	Ant2	5510	35.325	5492.3377	5527.6623	PASS
	Ant1	5550	35.245	5532.4176	5567.6623	PASS
	Ant2	5550	35.245	5532.4176	5567.6623	PASS
	Ant1	5670	35.325	5652.3377	5687.6623	PASS
	Ant2	5670	35.325	5652.4176	5687.7423	PASS
	Ant1	5710	35.325	5692.3377	5727.6623	PASS
	Ant2	5710	35.325	5692.3377	5727.6623	PASS
	Ant1	5710_UNII-2C	32.662	5692.3377	5725	PASS
	Ant2	5710_UNII-2C	32.662	5692.3377	5725	PASS
	Ant1	5710_UNII-3	2.662	5725	5727.6623	PASS
	Ant2	5710_UNII-3	2.662	5725	5727.6623	PASS
	Ant1	5755	35.325	5737.3377	5772.6623	PASS
	Ant2	5755	35.325	5737.3377	5772.6623	PASS
	Ant1	5795	35.325	5777.3377	5812.6623	PASS
	Ant2	5795	35.325	5777.4176	5812.7423	PASS

11.2.2. Test Graphs



11N20SISO_Ant1_5720



11N40SISO_Ant1_5190

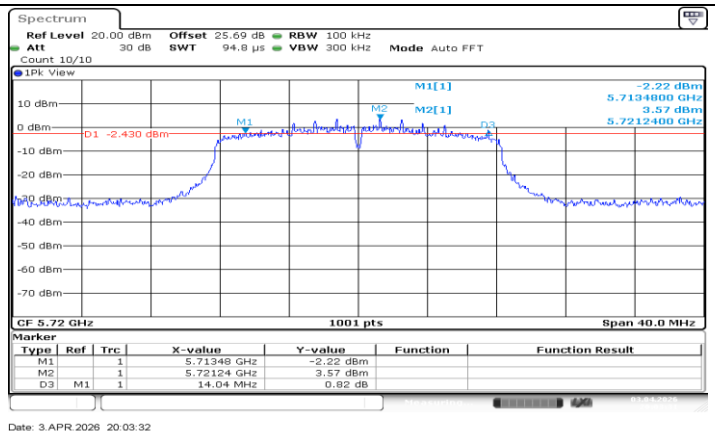
Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40)

11.3. APPENDIX C: MIN EMISSION BANDWIDTH

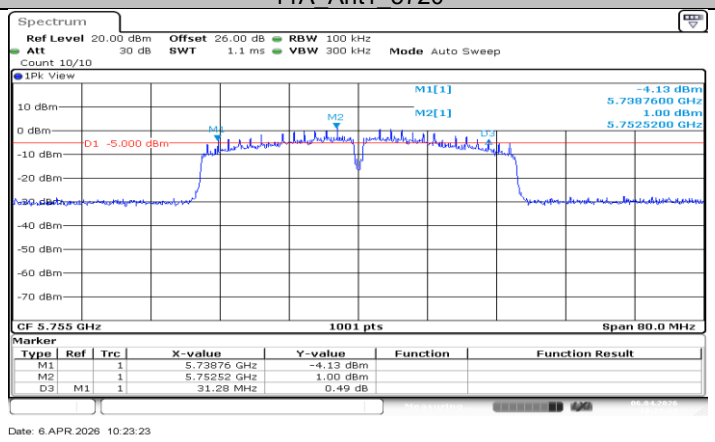
11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5720	14.04	5713.48	5727.52	---	---
	Ant2	5720	15.92	5711.84	5727.76	---	---
	Ant1	5720_UNII-2C	11.52	5713.48	5725	---	---
	Ant2	5720_UNII-2C	13.16	5711.84	5725	---	---
	Ant1	5720_UNII-3	2.52	5725	5727.52	≥0.5	PASS
	Ant2	5720_UNII-3	2.76	5725	5727.76	≥0.5	PASS
	Ant1	5745	12.56	5738.72	5751.28	≥0.5	PASS
	Ant2	5745	15.56	5737.20	5752.76	≥0.5	PASS
	Ant1	5785	15.08	5777.48	5792.56	≥0.5	PASS
	Ant2	5785	15.92	5777.24	5793.16	≥0.5	PASS
	Ant1	5825	15.08	5817.48	5832.56	≥0.5	PASS
	Ant2	5825	12.76	5818.48	5831.24	≥0.5	PASS
11N20SISO	Ant1	5720	15.08	5712.44	5727.52	---	---
	Ant2	5720	16.24	5711.88	5728.12	---	---
	Ant1	5720_UNII-2C	12.56	5712.44	5725	---	---
	Ant2	5720_UNII-2C	13.12	5711.88	5725	---	---
	Ant1	5720_UNII-3	2.52	5725	5727.52	≥0.5	PASS
	Ant2	5720_UNII-3	3.12	5725	5728.12	≥0.5	PASS
	Ant1	5745	15.48	5737.08	5752.56	≥0.5	PASS
	Ant2	5745	16.08	5737.08	5753.16	≥0.5	PASS
	Ant1	5785	15.56	5777.24	5792.80	≥0.5	PASS
	Ant2	5785	15.40	5777.48	5792.88	≥0.5	PASS
	Ant1	5825	15.08	5817.48	5832.56	≥0.5	PASS
	Ant2	5825	14.92	5817.84	5832.76	≥0.5	PASS
11N40SISO	Ant1	5710	35.20	5692.40	5727.60	---	---
	Ant2	5710	35.20	5692.40	5727.60	---	---
	Ant1	5710_UNII-2C	32.6	5692.40	5725	---	---
	Ant2	5710_UNII-2C	32.6	5692.40	5725	---	---
	Ant1	5710_UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant2	5710_UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant1	5755	31.28	5738.76	5770.04	≥0.5	PASS
	Ant2	5755	32.56	5738.76	5771.32	≥0.5	PASS
	Ant1	5795	31.36	5778.76	5810.12	≥0.5	PASS
	Ant2	5795	32.56	5778.76	5811.32	≥0.5	PASS

11.3.2. Test Graphs



11A_Ant1_5720



11N40SISO_Ant1_5755

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40)

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

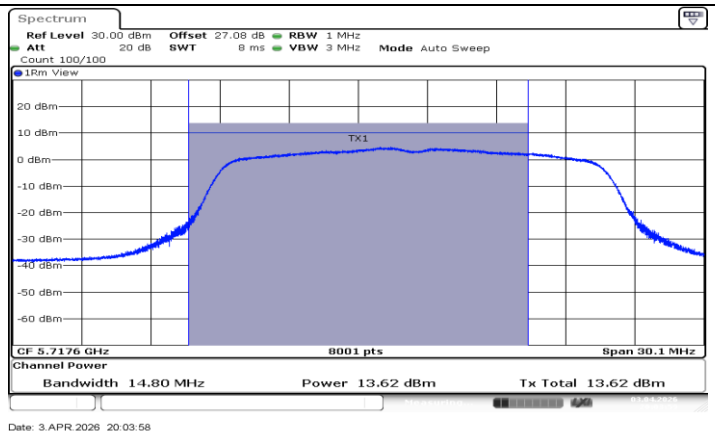
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	13.04	≤23.98	---	16.90	≤22.22	PASS
	Ant2	5180	13.39	≤23.98	---	17.26	≤22.48	PASS
	Ant1	5200	13.15	≤23.98	---	17.01	≤22.23	PASS
	Ant2	5200	13.35	≤23.98	---	17.22	≤22.48	PASS
	Ant1	5240	13.07	≤23.98	---	16.93	≤22.23	PASS
	Ant2	5240	13.06	≤23.98	---	16.93	≤22.48	PASS
	Ant1	5260	14.01	≤23.95	≤23.23	17.87	≤29.23	PASS
	Ant2	5260	14.07	≤23.98	≤23.49	17.94	≤29.49	PASS
	Ant1	5280	14.22	≤23.80	≤23.23	18.08	≤29.23	PASS
	Ant2	5280	14.19	≤23.98	≤23.49	18.06	≤29.49	PASS
	Ant1	5320	14.35	≤23.90	≤23.23	18.21	≤29.23	PASS
	Ant2	5320	14.02	≤23.98	≤23.49	17.89	≤29.49	PASS
	Ant1	5500	14.58	≤23.95	≤23.22	18.44	≤29.22	PASS
	Ant2	5500	14.66	≤23.98	≤23.49	18.53	≤29.49	PASS
	Ant1	5580	14.51	≤23.98	≤23.22	18.37	≤29.22	PASS
	Ant2	5580	14.72	≤23.98	≤23.48	18.59	≤29.48	PASS
	Ant1	5700	14.19	≤23.90	≤23.23	18.05	≤29.23	PASS
	Ant2	5700	14.51	≤23.98	≤23.48	18.38	≤29.48	PASS
	Ant1	5720_UNII-2C	13.62	≤22.70	≤22.24	17.48	≤28.24	PASS
	Ant2	5720_UNII-2C	13.88	≤22.92	≤22.43	17.75	≤28.43	PASS
	Ant1	5720_UNII-3	4.00	≤30.00	≤30.00	7.86	---	PASS
	Ant2	5720_UNII-3	4.66	≤30.00	≤30.00	8.53	---	PASS
	Ant1	5745	14.70	≤30.00	≤30.00	18.56	---	PASS
	Ant2	5745	14.65	≤30.00	≤30.00	18.52	---	PASS
	Ant1	5785	14.38	≤30.00	≤30.00	18.24	---	PASS
	Ant2	5785	14.18	≤30.00	≤30.00	18.05	---	PASS
	Ant1	5825	14.81	≤30.00	≤30.00	18.67	---	PASS
	Ant2	5825	14.85	≤30.00	≤30.00	18.72	---	PASS
11N20SISO	Ant1	5180	13.31	≤23.98	---	17.17	≤22.47	PASS
	Ant2	5180	13.35	≤23.98	---	17.22	≤22.48	PASS
	Ant1	5200	13.36	≤23.98	---	17.22	≤22.49	PASS
	Ant2	5200	13.16	≤23.98	---	17.03	≤22.49	PASS
	Ant1	5240	13.24	≤23.98	---	17.10	≤22.48	PASS
	Ant2	5240	12.87	≤23.98	---	16.74	≤22.48	PASS
	Ant1	5260	13.40	≤23.98	≤23.49	17.26	≤29.49	PASS
	Ant2	5260	13.34	≤23.98	≤23.48	17.21	≤29.48	PASS
	Ant1	5280	13.54	≤23.98	≤23.48	17.40	≤29.48	PASS
	Ant2	5280	13.35	≤23.98	≤23.49	17.22	≤29.49	PASS
	Ant1	5320	13.74	≤23.98	≤23.49	17.60	≤29.49	PASS
	Ant2	5320	13.23	≤23.98	≤23.48	17.10	≤29.48	PASS
	Ant1	5500	13.54	≤23.98	≤23.49	17.40	≤29.49	PASS
	Ant2	5500	13.86	≤23.98	≤23.49	17.73	≤29.49	PASS
	Ant1	5580	13.38	≤23.98	≤23.49	17.24	≤29.49	PASS
	Ant2	5580	13.88	≤23.98	≤23.48	17.75	≤29.48	PASS
	Ant1	5700	13.27	≤23.98	≤23.49	17.13	≤29.49	PASS
	Ant2	5700	13.60	≤23.98	≤23.49	17.47	≤29.49	PASS
	Ant1	5720_UNII-2C	12.66	≤22.82	≤22.43	16.52	≤28.43	PASS
	Ant2	5720_UNII-2C	12.95	≤22.76	≤22.43	16.82	≤28.43	PASS
	Ant1	5720_UNII-3	3.36	≤30.00	≤30.00	7.22	---	PASS
	Ant2	5720_UNII-3	3.73	≤30.00	≤30.00	7.60	---	PASS
	Ant1	5745	13.74	≤30.00	≤30.00	17.60	---	PASS
	Ant2	5745	14.08	≤30.00	≤30.00	17.95	---	PASS
	Ant1	5785	13.33	≤30.00	≤30.00	17.19	---	PASS
	Ant2	5785	13.73	≤30.00	≤30.00	17.60	---	PASS
	Ant1	5825	13.80	≤30.00	≤30.00	17.66	---	PASS
	Ant2	5825	13.90	≤30.00	≤30.00	17.77	---	PASS
11N40SISO	Ant1	5190	13.36	≤23.98	---	17.22	≤23.00	PASS
	Ant2	5190	13.77	≤23.98	---	17.64	≤23.00	PASS
	Ant1	5230	13.29	≤23.98	---	17.15	≤23.00	PASS
	Ant2	5230	13.53	≤23.98	---	17.40	≤23.00	PASS
	Ant1	5270	12.96	≤23.98	≤30.00	16.82	≤30.00	PASS

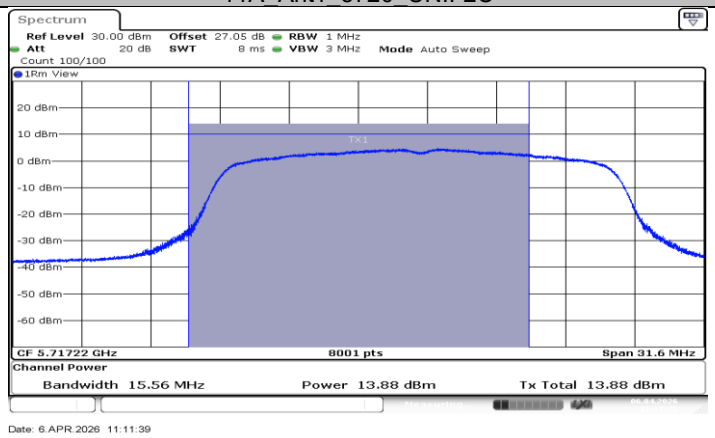
	Ant2	5270	13.08	≤23.98	≤30.00	16.95	≤30.00	PASS
	Ant1	5310	13.23	≤23.98	≤30.00	17.09	≤30.00	PASS
	Ant2	5310	13.12	≤23.98	≤30.00	16.99	≤30.00	PASS
	Ant1	5510	13.55	≤23.98	≤30.00	17.41	≤30.00	PASS
	Ant2	5510	13.2	≤23.98	≤30.00	17.07	≤30.00	PASS
	Ant1	5550	13.55	≤23.98	≤30.00	17.41	≤30.00	PASS
	Ant2	5550	13.43	≤23.98	≤30.00	17.30	≤30.00	PASS
	Ant1	5670	13.29	≤23.98	≤30.00	17.15	≤30.00	PASS
	Ant2	5670	13.19	≤23.98	≤30.00	17.06	≤30.00	PASS
	Ant1	5710_UNII-2C	12.88	≤23.98	≤30.00	16.74	≤30.00	PASS
	Ant2	5710_UNII-2C	12.89	≤23.98	≤30.00	16.76	≤30.00	PASS
	Ant1	5710_UNII-3	-3.97	≤30.00	≤30.00	-0.11	---	PASS
	Ant2	5710_UNII-3	-3.85	≤30.00	≤30.00	0.02	---	PASS
	Ant1	5755	13.52	≤30.00	≤30.00	17.38	---	PASS
	Ant2	5755	13.49	≤30.00	≤30.00	17.36	---	PASS
	Ant1	5795	13.27	≤30.00	≤30.00	17.13	---	PASS
	Ant2	5795	13.32	≤30.00	≤30.00	17.19	---	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs

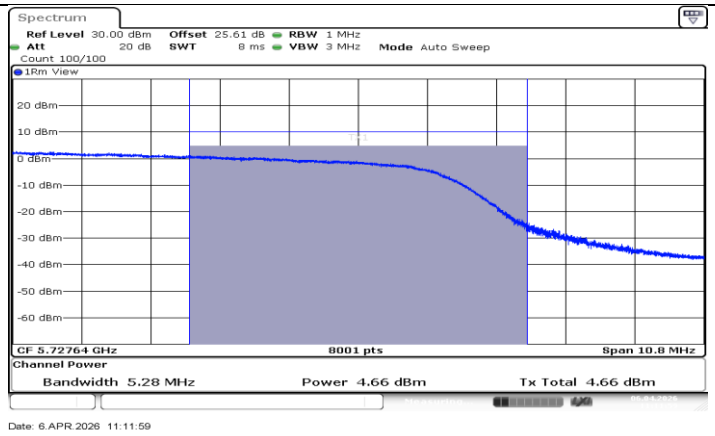


11A_Ant1_5720_UNII-2C

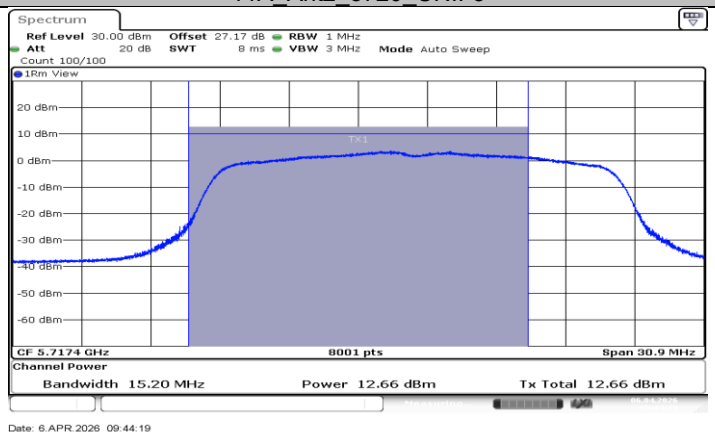


11A_Ant2_5720_UNII-2C

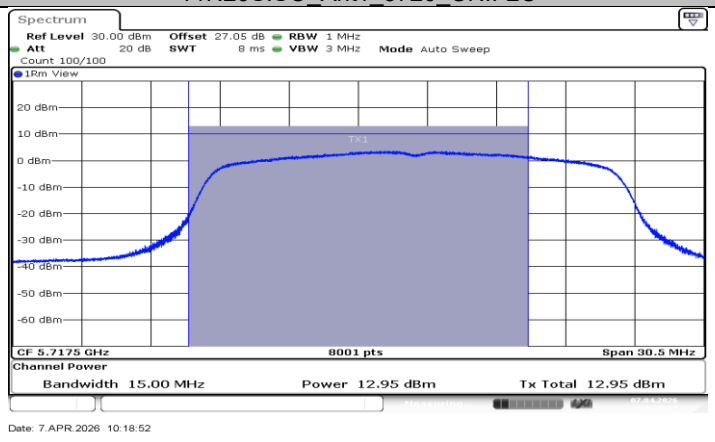
11A_Ant1_5720_UNII-3



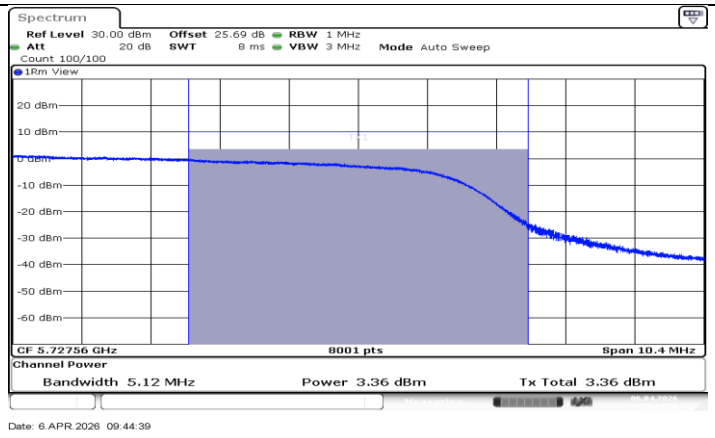
11A_Ant2_5720_UNII-3



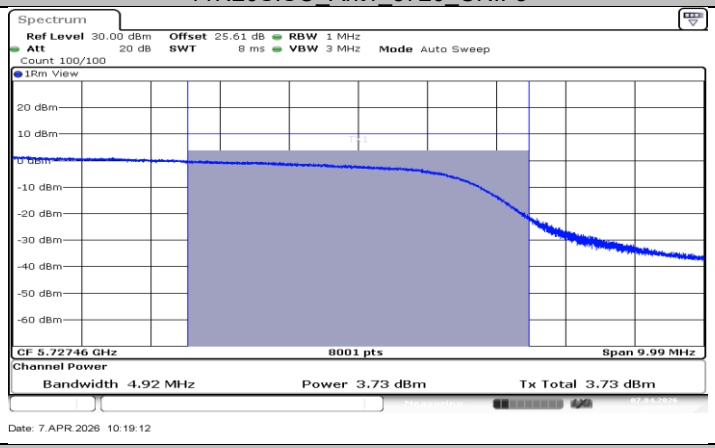
11N20SISO_Ant1_5720_UNII-2C



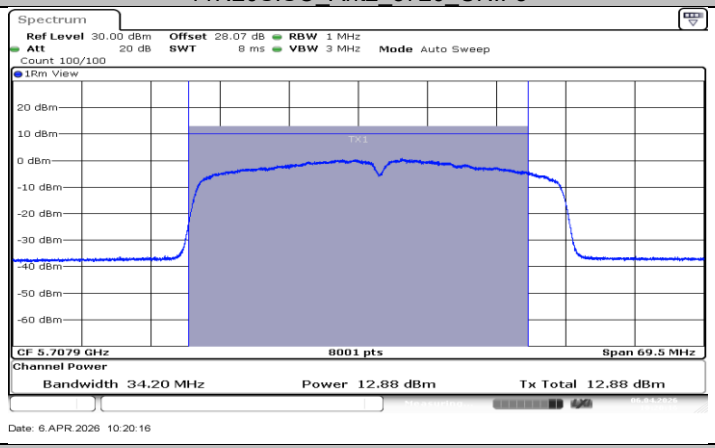
11N20SISO_Ant2_5720_UNII-2C



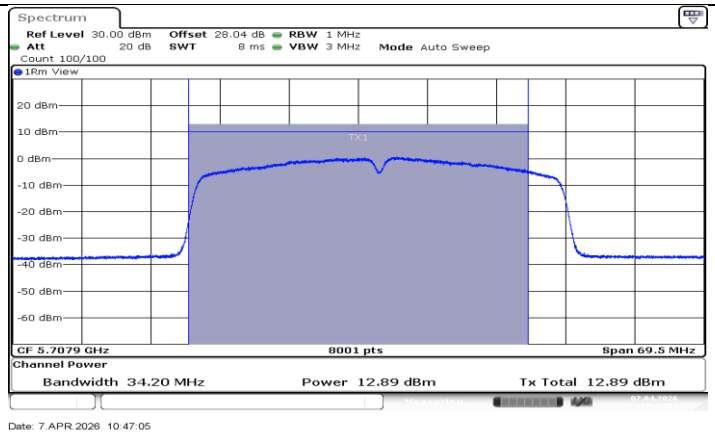
11N20SISO_Ant1_5720_UNII-3



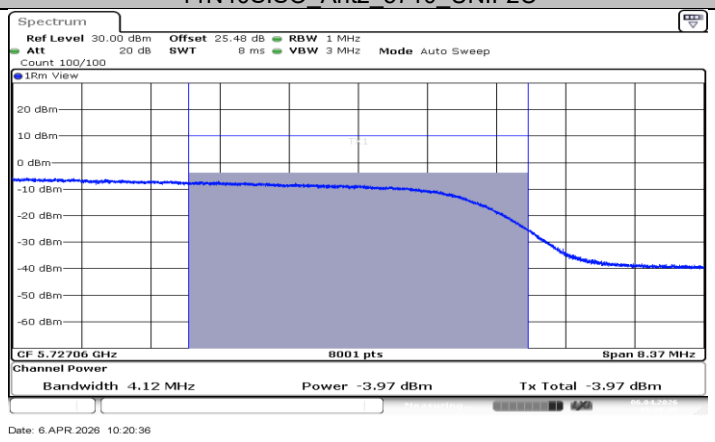
11N20SISO_Ant2_5720_UNII-3



11N40SISO_Ant1_5710_UNII-2C



11N40SISO_Ant2_5710_UNII-2C



11N40SISO_Ant1_5710_UNII-3

11N40SISO_Ant2_5710_UNII-3

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

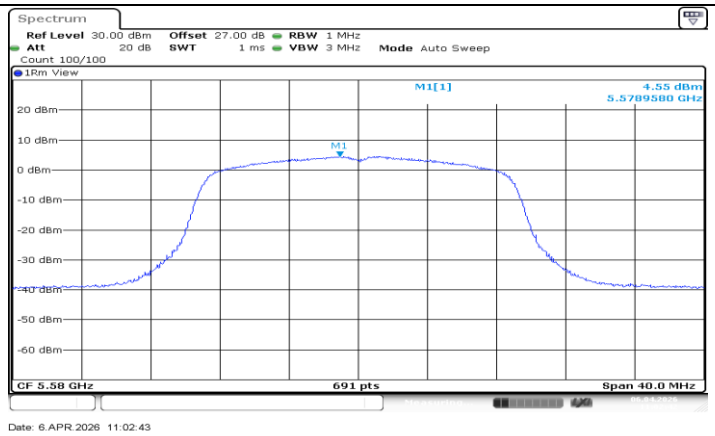
11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	3.05	≤11.00	6.91	≤10.00	PASS
	Ant2	5180	3.47	≤11.00	7.34	≤10.00	PASS
	Ant1	5200	3.14	≤11.00	7.00	≤10.00	PASS
	Ant2	5200	3.16	≤11.00	7.03	---	PASS
	Ant1	5240	2.96	≤11.00	6.82	---	PASS
	Ant2	5240	2.86	≤11.00	6.73	---	PASS
	Ant1	5260	3.79	≤11.00	7.65	---	PASS
	Ant2	5260	3.84	≤11.00	7.71	---	PASS
	Ant1	5280	3.69	≤11.00	7.55	---	PASS
	Ant2	5280	4.08	≤11.00	7.95	---	PASS
	Ant1	5320	4.17	≤30.00	8.03	---	PASS
	Ant2	5320	3.87	≤30.00	7.74	---	PASS
	Ant1	5500	4.68	≤30.00	8.54	---	PASS
	Ant2	5500	4.43	≤30.00	8.30	---	PASS
	Ant1	5580	4.23	≤11.00	8.09	≤10.00	PASS
	Ant2	5580	4.55	≤11.00	8.42	≤10.00	PASS
	Ant1	5700	4.05	≤11.00	7.91	≤10.00	PASS
	Ant2	5700	4.23	≤11.00	8.10	---	PASS
	Ant1	5720_UNII-2C	4.35	≤11.00	8.21	---	PASS
	Ant2	5720_UNII-2C	4.29	≤11.00	8.16	---	PASS
	Ant1	5720_UNII-3	-1.28	≤11.00	2.58	---	PASS
	Ant2	5720_UNII-3	-0.90	≤11.00	2.97	---	PASS
	Ant1	5745	1.89	≤11.00	5.75	---	PASS
	Ant2	5745	1.73	≤11.00	5.60	---	PASS
	Ant1	5785	1.56	≤30.00	5.42	---	PASS
	Ant2	5785	1.39	≤30.00	5.26	---	PASS
	Ant1	5825	2.03	≤30.00	5.89	---	PASS
	Ant2	5825	1.94	≤11.00	5.81	---	PASS
11N20SISO	Ant1	5180	3.18	≤11.00	7.04	≤10.00	PASS
	Ant2	5180	3.42	≤11.00	7.29	≤10.00	PASS
	Ant1	5200	3.21	≤11.00	7.07	≤10.00	PASS
	Ant2	5200	3.03	≤11.00	6.90	---	PASS
	Ant1	5240	3.10	≤11.00	6.96	---	PASS
	Ant2	5240	2.69	≤11.00	6.56	---	PASS
	Ant1	5260	2.89	≤11.00	6.75	---	PASS
	Ant2	5260	3.11	≤11.00	6.98	---	PASS
	Ant1	5280	3.39	≤30.00	7.25	---	PASS
	Ant2	5280	3.22	≤30.00	7.09	---	PASS
	Ant1	5320	3.36	≤30.00	7.22	---	PASS
	Ant2	5320	3.16	≤11.00	7.03	≤10.00	PASS
	Ant1	5500	3.31	≤11.00	7.17	---	PASS
	Ant2	5500	3.63	≤11.00	7.50	---	PASS
	Ant1	5580	3.10	≤11.00	6.96	---	PASS
	Ant2	5580	3.57	≤11.00	7.44	---	PASS
	Ant1	5700	3.11	≤30.00	6.97	---	PASS
	Ant2	5700	3.25	≤30.00	7.12	---	PASS
	Ant1	5720_UNII-2C	3.09	≤11.00	6.95	≤10.00	PASS
	Ant2	5720_UNII-2C	3.29	≤11.00	7.16	---	PASS
	Ant1	5720_UNII-3	-2.19	≤11.00	1.67	---	PASS
	Ant2	5720_UNII-3	-1.53	≤11.00	2.34	≤10.00	PASS
	Ant1	5745	0.93	≤11.00	4.79	≤10.00	PASS
	Ant2	5745	1.36	≤11.00	5.23	≤10.00	PASS
	Ant1	5785	0.32	≤11.00	4.18	---	PASS
	Ant2	5785	0.88	≤11.00	4.75	---	PASS
	Ant1	5825	0.85	≤11.00	4.71	---	PASS

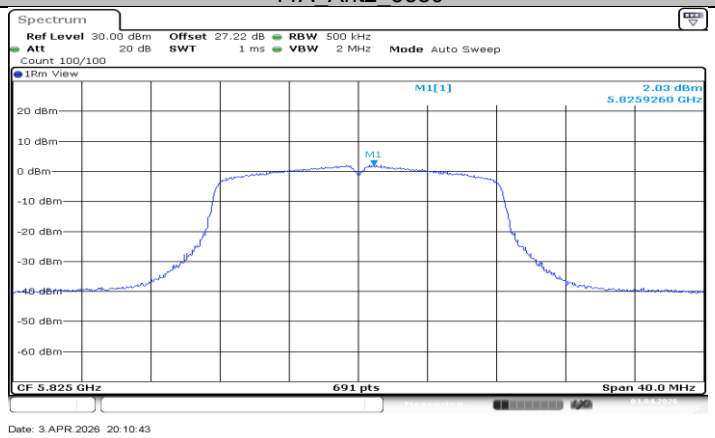
	Ant2	5825	0.87	≤11.00	4.74	---	PASS
11N40SISO	Ant1	5190	0.72	≤11.00	4.58	---	PASS
	Ant2	5190	1.11	≤11.00	4.98	---	PASS
	Ant1	5230	0.40	≤11.00	4.26	---	PASS
	Ant2	5230	0.75	≤30.00	4.62	---	PASS
	Ant1	5270	0.43	≤30.00	4.29	---	PASS
	Ant2	5270	0.09	≤30.00	3.96	---	PASS
	Ant1	5310	0.69	≤11.00	4.55	---	PASS
	Ant2	5310	0.43	≤11.00	4.30	≤10.00	PASS
	Ant1	5510	0.26	≤11.00	4.12	≤10.00	PASS
	Ant2	5510	0.35	≤11.00	4.22	---	PASS
	Ant1	5550	0.65	≤11.00	4.51	---	PASS
	Ant2	5550	0.34	≤11.00	4.21	---	PASS
	Ant1	5670	0.37	≤11.00	4.23	---	PASS
	Ant2	5670	0.32	≤11.00	4.19	---	PASS
	Ant1	5710_UNII-2C	0.21	≤11.00	4.07	---	PASS
	Ant2	5710_UNII-2C	0.38	≤30.00	4.25	---	PASS
	Ant1	5710_UNII-3	-7.62	≤30.00	-3.76	---	PASS
	Ant2	5710_UNII-3	-7.96	≤30.00	-4.09	---	PASS
	Ant1	5755	-2.10	≤11.00	1.76	≤10.00	PASS
	Ant2	5755	-2.28	≤11.00	1.59	---	PASS
	Ant1	5795	-2.60	≤11.00	1.26	---	PASS
	Ant2	5795	-2.68	≤11.00	1.19	---	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

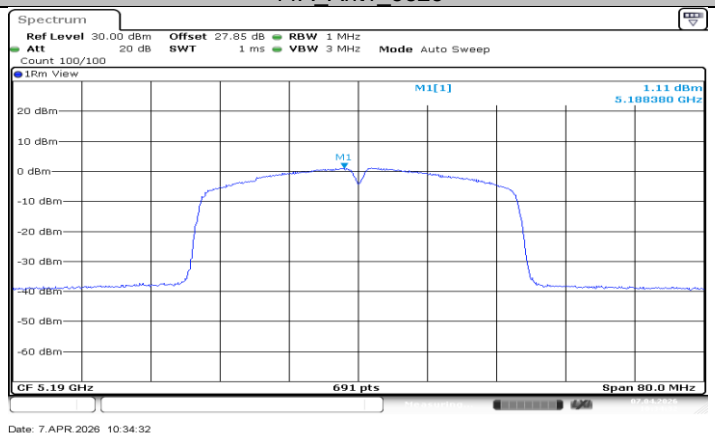
11.5.2. Test Graphs



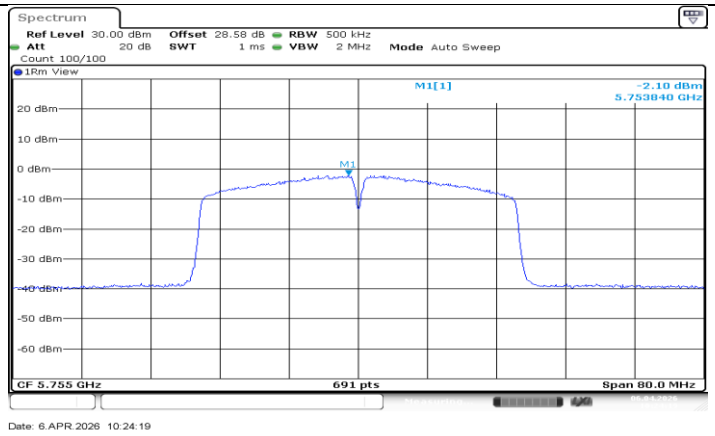
11A_Ant2_5580



11A_Ant1_5825



11N40SISO_Ant2_5190



11N40SISO_Ant1_5755

Note: Only one worst test plot for each bandwidth is recorded in the report as a reference for test settings. For different modes, the same settings were used for testing across different modes at the same bandwidth. (20M: 802.11a/n20; 40M: 802.11n40)

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0006	0.12	5200.0135	2.60	5200.0007	0.13	5200.0127	2.45
TN	VN	5199.9751	-4.78	5200.0074	1.43	5200.0059	1.14	5200.0115	2.21
TN	VH	5199.9902	-1.89	5200.0140	2.70	5199.9766	-4.49	5199.9765	-4.51
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5200.0195	3.74	5200.0135	2.59	5200.0022	0.42	5200.0169	3.24
60	VN	5200.0201	3.86	5200.0116	2.24	5199.9779	-4.25	5200.0191	3.67
50	VN	5199.9897	-1.99	5199.9757	-4.68	5200.0235	4.53	5200.0175	3.36
40	VN	5200.0052	1.01	5200.0159	3.05	5200.0020	0.39	5199.9785	-4.13
30	VN	5200.0209	4.03	5199.9771	-4.41	5199.9771	-4.41	5200.0008	0.16
20	VN	5199.9940	-1.16	5199.9968	-0.62	5200.0203	3.91	5200.0177	3.40
10	VN	5199.9757	-4.67	5199.9826	-3.34	5200.0032	0.62	5199.9982	-0.35
0	VN	5199.9934	-1.26	5199.9968	-0.61	5200.0053	1.02	5199.9867	-2.56

Note:
1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

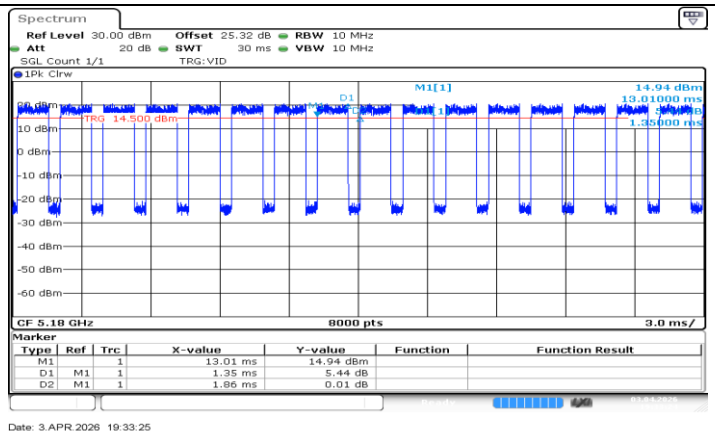
11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

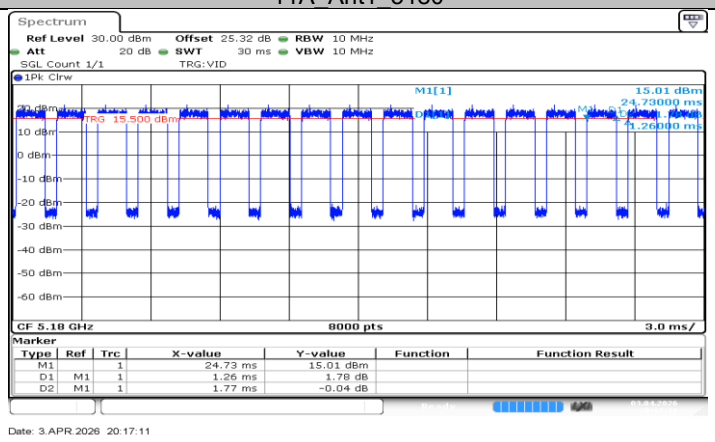
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	5180	1.35	1.86	0.7258	72.58	1.39	2
11N20SISO	5180	1.26	1.77	0.7119	71.19	1.48	2
11N40SISO	5190	0.63	1.14	0.5526	55.26	2.58	3

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

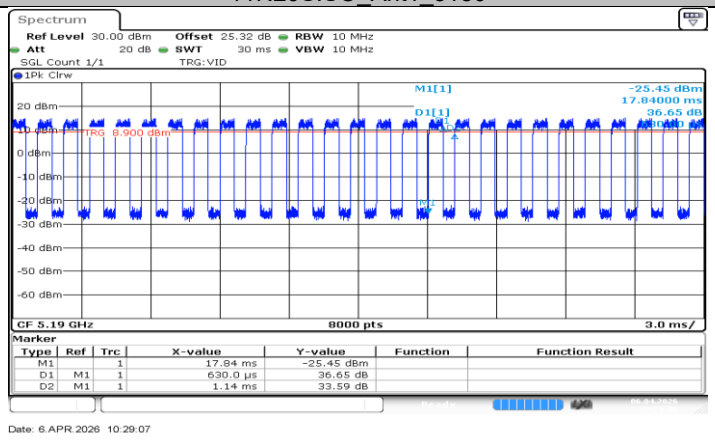
11.7.2. Test Graphs



11A_Ant1_5180



11N20SISO_Ant1_5180



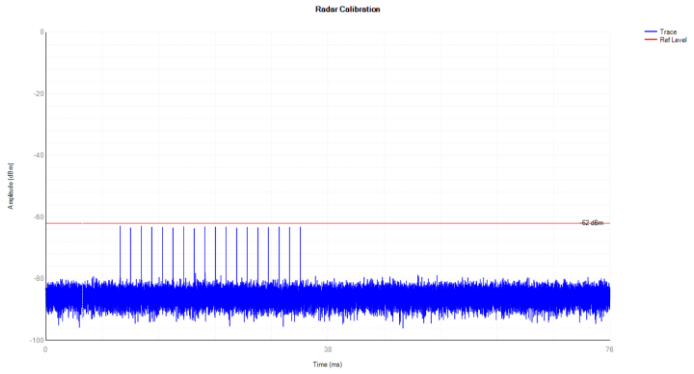
11N40SISO_Ant1_5190

11.8. APPENDIX H: DFS

11.8.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
n40	5510	DFS_FCC_T0	See test Graph	Pass

Test Graphs
5510MHz DFS_FCC_T0

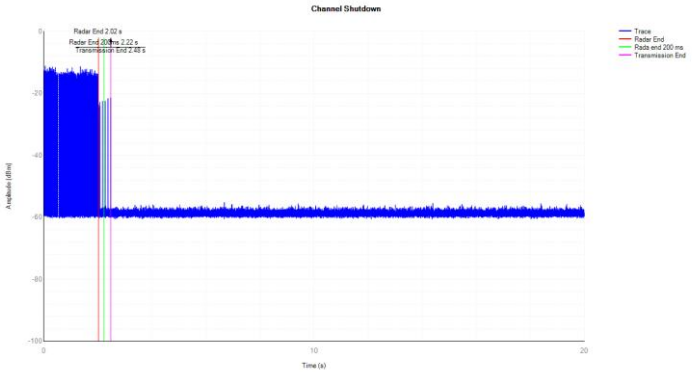


11.8.2. Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
n40	5510	0.454	10	0.014	0.26	0.004	0.06	Pass

Test Graphs

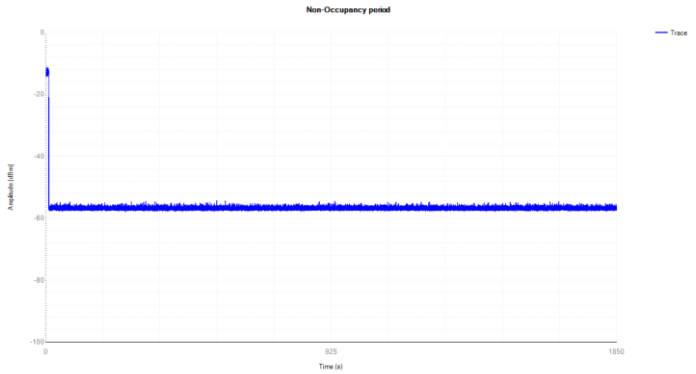
n40 5510MHz Shutdown



11.8.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
n40	5510	See test Graph	Pass

Test Graphs
n40 5510MHz Non-Occupancy



END OF REPORT