

FCC PART 15.247

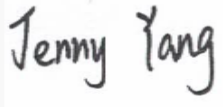
TEST REPORT

For

AgiBot Innovation(Shanghai) Technology Co.,Ltd.

8/F, Building 29, No.2555 Xiupu Road, Pudong New Area, Shanghai, China

FCC ID: 2BTPT-ZYCXD125M

Report Type: Original Report	Product Name: AGIBOT Quadruped Robot
Report Number: RBJ260304001-00B	
Report Date: 2026-06-24	
Reviewed By: Jenny Yang	
Approved By: Kyle Xu	
Test Laboratory: Bay Area Compliance Laboratories Corp. (Kunshan) No.248 Chenghu Road, Kunshan, Jiangsu Province, China Tel: +86-512-86175000 Fax: +86-512-88934268 www.baclcorp.com.cn	

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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RBJ260304001-00B	R1V1	2026-06-24	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	AgiBot Innovation(Shanghai) Technology Co.,Ltd.
Tested Model:	ZYCXD125M
Product Name:	AGIBOT Quadruped Robot
Power Supply:	DC 54V from battery
RF Function:	2.4G Wi-Fi
Operating Band/Frequency:	2412~2462 MHz(802.11b/g/n20/ax20), 2422~2452 MHz(802.11n40/ax40)
Maximum Peak Output Power:	802.11b: 18.28 dBm 802.11g: 23.23 dBm 802.11n20: 20.59 dBm 802.11n40: 19.87 dBm 802.11ax20: 20.61 dBm 802.11ax40: 17.94 dBm
Channel Number:	2.4G Wi-Fi: 11(802.11b/g/n20/ax20), 7(802.11n40/ax40)
Channel Separation:	5 MHz
Modulation Type:	DSSS, OFDM, OFDMA
★Maximum Antenna Gain:	Chain 0: 4.4 dBi Chain 1: 2.1 dBi
Sample/EUT Status	Good condition

Battery Charging Stand Information:

Model: ZSM-1-C01

Input: AC 100 - 240V, 50/60Hz, 15A

Output: DC 63.0V 20A

Note: The maximum antenna gain is provided by the manufacturer.

All measurement and test data in this report was gathered from production sample serial number: RBJ260304001-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2026-03-04)

Objective

This report is prepared for AgiBot Innovation(Shanghai) Technology Co.,Ltd. in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commissions' rules.

The tests were performed in order to determine Compliant with FCC Part 15, Subpart C, and section 15.203, 15.205, 15.209 and 15.247 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024[▲], American National Standard of Procedures for Compliant Testing of Unlicensed Wireless Devices and FCC 558074 D01 15.247 Meas Guidance v05r02.

Measurement Uncertainty

Item		Uncertainty
AC Power Lines Conducted Emissions		3.19dB
RF conducted test with spectrum		0.9dB
RF Output Power with Power meter		0.5dB
Radiated emission	9 kHz~150 kHz	3.8dB
	150 kHz~30 MHz	3.4dB
	30MHz~1GHz	6.11dB
	1GHz~6GHz	4.45dB
	6GHz~18GHz	5.23dB
	18GHz~40GHz	5.65dB
Occupied Bandwidth		0.5kHz
Temperature		1.0°C
Humidity		6%

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Kunshan) to collect test data is located on the No.248 Chenghu Road, Kunshan, Jiangsu Province, China.

Bay Area Compliance Laboratories Corp. (Kunshan) is accredited in accordance with ISO/IEC 17025:2017 by NVLAP (Lab code: 600338-0), and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No.: CN5055.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437	/	/

For 802.11b, 802.11g, 802.11n20 and 802.11ax20 mode, EUT was tested with Channel 1, 6 and 11.

For 802.11n40 and 802.11ax40 mode, EUT was tested with Channel 3, 6 and 9.

Equipment Modifications

No modification was made to the EUT tested.

EUT Exercise Software

The system was configured for testing in an engineering mode, which was provided by manufacturer

Test software: adb

Pre-scan with all the data rates, and the worst case was performed as below:

Mode	Data Rate	Channel	★Power Level	
			Chain 0	Chain 1
802.11b	1 Mbps	Low	18	18
		Middle	18	18
		High	18	18
802.11g	6 Mbps	Low	17	13
		Middle	17	13
		High	17	13
802.11n20	MCS0	Low	10	10
		Middle	10	10
		High	10	10
802.11n40	MCS0	Low	7	7
		Middle	7	7
		High	7	7
802.11ax20	MCS0	Low	10	10
		Middle	10	10
		High	10	10
802.11ax40	MCS0	Low	7	7
		Middle	7	7
		High	7	7

Note:

1. The power level was declared by the applicant.
2. 802.11ax only support full RU
3. 802.11b/g supports SISO mode, 802.11n20/n40/ax20/ax40 supports SISO and MIMO mode.

For Radiated Emission, according to pretest, the worst case for 802.11n20/n40/ax20/ax40 is MIMO mode. So 802.11n-HT20/n-HT40/ax-HE20/ax-HE40 MIMO mode test data were recorded in the report.

For RF Conducted Test:

802.11b & 802.11g & 802.11n & 802.11ax: each transmit chains were tested.

For Radiated Test:

802.11b & 802.11g, SISO for each transmit chain

802.11n/ax: MIMO for two transmit chains

Environmental Conditions & Test Information

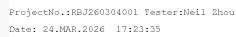
Test Date:	2026-03-24 to 2026-03-26
Temperature:	21.1-21.4 °C
Relative Humidity:	49-51 %
ATM Pressure:	101.6-102.4 kPa
Test Engineer:	Neil Zhou

/	Mode	Ton(ms)	Ton+off(ms)	Duty Cycle (%)	10log(1/x) (dB)
Chain 0	802.11b	0.823	0.836	98.44	/
	802.11g	1.341	1.382	97.03	0.13
	802.11n20	1.137	1.160	98.02	/
	802.11n40	0.565	0.584	96.75	0.14
	802.11ax20	0.976	0.999	97.70	0.10
	802.11ax40	0.518	0.536	96.64	0.15
Chain 1	802.11b	8.077	8.145	99.17	/
	802.11g	1.341	1.366	98.17	/
	802.11n20	1.138	1.162	97.93	0.09
	802.11n40	0.570	0.589	96.77	0.14
	802.11ax20	0.976	0.999	97.70	0.10
	802.11ax40	0.508	0.533	95.31	0.21

Note:

1. “x” means the Duty Cycle.
2. Note: Offset (10.5dB) = Attenuator (10dB) + Cable Loss (0.5dB)

802.11b Mode Middle Channel



ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 11:33:26

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 13:38:38

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 14:35:55

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 18:25:54

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 26.MAR.2026 09:35:20

802.11b Mode Middle Channel



ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 24.MAR.2026 19:45:17

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 15:59:12

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 16:55:12

ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 25.MAR.2026 19:19:29

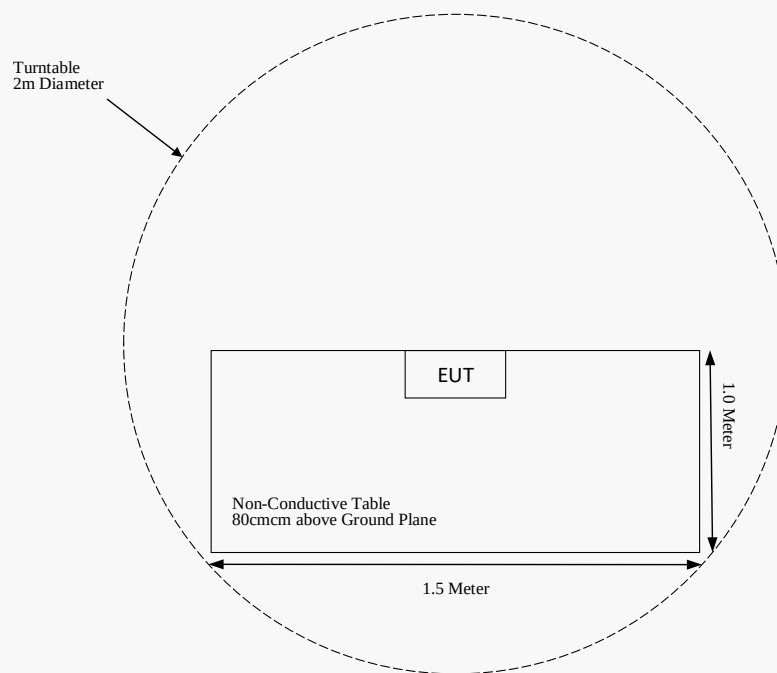
ProjectNo.:RBJ260304001 Tester:Neil Zhou
Date: 26.MAR.2026 10:47:23

Support Equipment List and Details

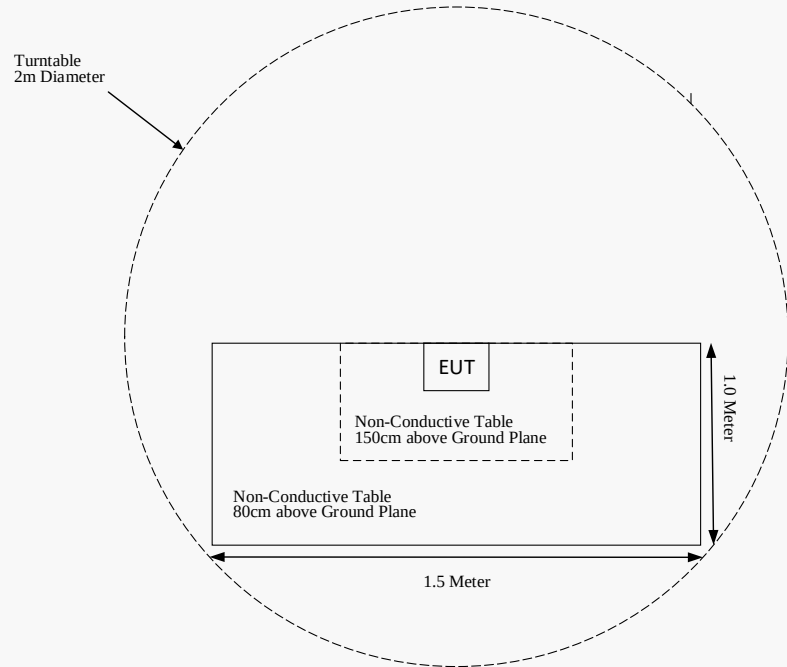
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

Cable Description	Length (m)	From Port	To Port
/	/	/	/

Block Diagram of Test Setup**For Radiated Emissions (Below 1GHz):**

For Radiated Emissions (Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§1.1310 & §2.1091	MAXIMUM PERMISSIBLE EXPOSURE (MPE)	Compliant
§15.203	Antenna Requirement	Compliant
§15.207 (a)	AC Line Conducted Emissions	Not Applicable (See Note)
§15.205, §15.209, §15.247(d)	Spurious Emissions	Compliant
§15.247 (a)(2)	6 dB Emission Bandwidth	Compliant
§15.247(b)(3)	Maximum Conducted Output Power	Compliant
§15.247(d)	100 kHz Bandwidth of Frequency Band Edge	Compliant
§15.247(d)	Conducted Spurious Emission	Compliant
§15.247(e)	Power Spectral Density	Compliant

Note: The EUT is powered by battery.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Radiated Emission Test (Chamber #1)					
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2025-04-09	2026-04-08
Rohde & Schwarz	EMI Test Receiver	ESCI	100195	2026-03-13	2027-03-12
Sunol Sciences	Hybrid Antenna	JB3	A090314-2	2024-10-29	2027-10-28
BACL	Active Loop Antenna	1313-1A	4041511	2025-08-10	2028-08-09
Narda	6 dB Attenuator	771-6	10690812-2-1	2024-10-29	2027-10-28
Sonoma Instrument	Pre-amplifier	310N	171205	2025-04-09	2026-04-08
Sonoma Instrument	Pre-amplifier	310N	171205	2026-03-13	2027-03-12
Rohde & Schwarz	Auto Test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-8	008	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-8	008	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-9	009	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-9	009	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-10	010	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-10	010	2026-03-13	2027-03-12
Radiated Emission Test (Chamber #2)					
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2025-04-09	2026-04-08
Rohde & Schwarz	EMI Test Receiver	ESU40	100207/040	2026-03-16	2027-03-15
EMCO	Horn Antenna	3115	9207-3900	2024-11-03	2027-11-02
ETS-LINDGREN	Horn Antenna	3116	2516	2024-12-12	2027-12-11
A.H.Systems,inc	Pre-amplifier	PAM-0118P	512	2025-04-09	2026-04-08
A.H.Systems,inc	Amplifier	PAM-0118P	512	2026-03-16	2027-03-15
MICRO-TRONICS	Band Reject Filter	BRM50702	G024	2025-04-09	2026-04-08
MICRO-TRONICS	Band Reject Filter	BRM50702	G024	2026-04-08	2027-04-07
Narda	Attenuator	10dB	010	2025-04-08	2026-04-07
Narda	Attenuator	10dB	010	2026-03-16	2027-03-15
SELECTOR	Amplifier	EM18G40G	60726	2026-03-16	2027-03-15
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-25	025	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-25	025	2026-03-12	2027-03-11
MICRO-COAX	Coaxial Cable	Cable-11	011	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-11	011	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-12	012	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-12	012	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-13	013	2025-04-09	2026-04-08
MICRO-COAX	Coaxial Cable	Cable-13	013	2026-03-16	2027-03-15

RF Conducted Test					
Rohde & Schwarz	Spectrum Analyzer	FSU26	200103	2026-03-16	2027-03-15
Narda	Attenuator	10dB	010	2026-03-16	2027-03-15
XHFDZ	RG316 Coaxial Cable	SMA-316	XHF-1175	Each time	N/A
Anritsu	Power Sensor	MA24418A	12621	2026-03-13	2027-03-12

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Kunshan) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §1.1310 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Applicable Standard

According to subpart §2.1091 and subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

(B) Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minutes)
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	30
30-300	27.5	0.073	0.2	30
300-1500	/	/	f/1500	30
1500-100,000	/	/	1.0	30

f = frequency in MHz; * = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

Calculated Formulary

Predication of MPE limit at a given distance

$S = PG/4\pi R^2$ = power density (in appropriate units, e.g. mW/cm²);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

Calculated Data:

Mode	Frequency Range (MHz)	Antenna Gain		★Tune-up Output Power		Evaluation Distance (cm)	Power Density (mW/cm ²)	MPE Limit (mW/cm ²)
		(dBi)	(numeric)	(dBm)	(mW)			
2.4G WiFi	2412-2462	4.4	2.75	24	251.19	20	0.1374	1.0
5G WiFi	5150-5250	3.8	2.40	18	63.10	20	0.0301	1.0
	5250-5350	4.0	2.51	18	63.10	20	0.0315	1.0
	5470-5725	5.0	3.16	15	31.62	20	0.0199	1.0
	5725-5850	5.5	3.55	20	100.00	20	0.0706	1.0
2.4G SRD	2411-2466	3.6	2.29	20	100.00	20	0.0456	1.0
5.8G SRD	5730-5840	5.2	3.31	9	7.94	20	0.0052	1.0
Classic BT	2402-2480	4.7	2.95	2	1.58	20	0.0009	1.0

Note:

1. For the above tune up power were declared by the manufacturer.
2. The WiFi, SRD and Classic BT can be transmitting simultaneously, So

$$\sum_i \frac{S_i}{S_{Limit,i}} = 0.1374 + 0.0456 + 0.0009 = 0.1839 < 1.0$$

Result: The device meet FCC MPE at 20 cm distance.

FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

According to § 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 user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine Compliant with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

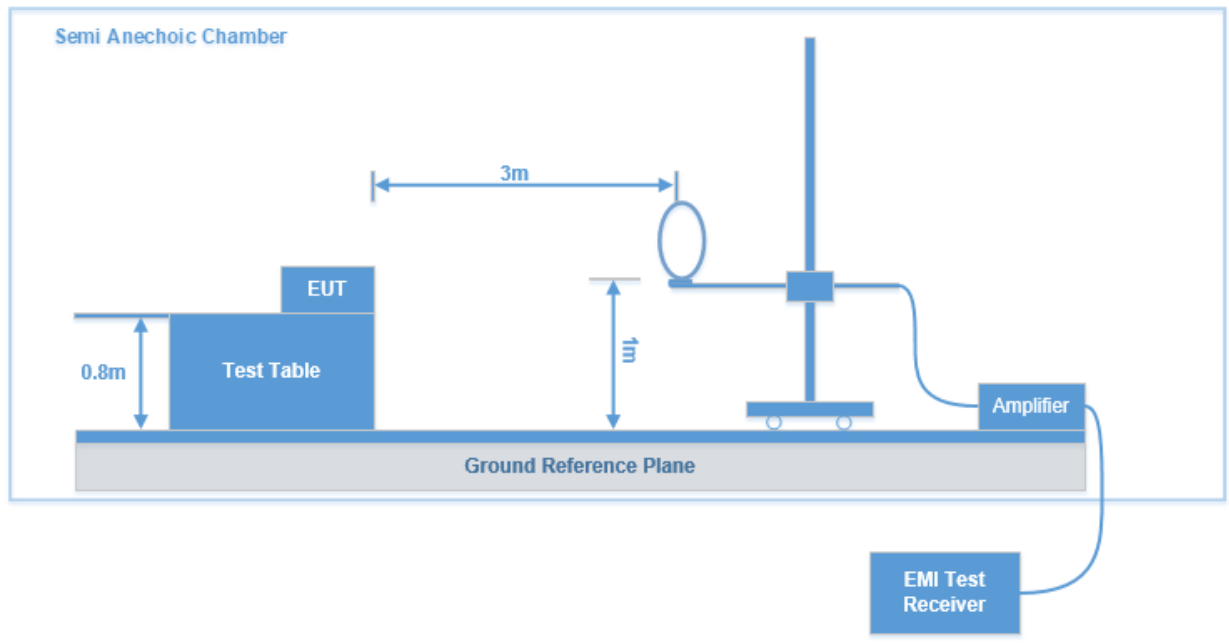
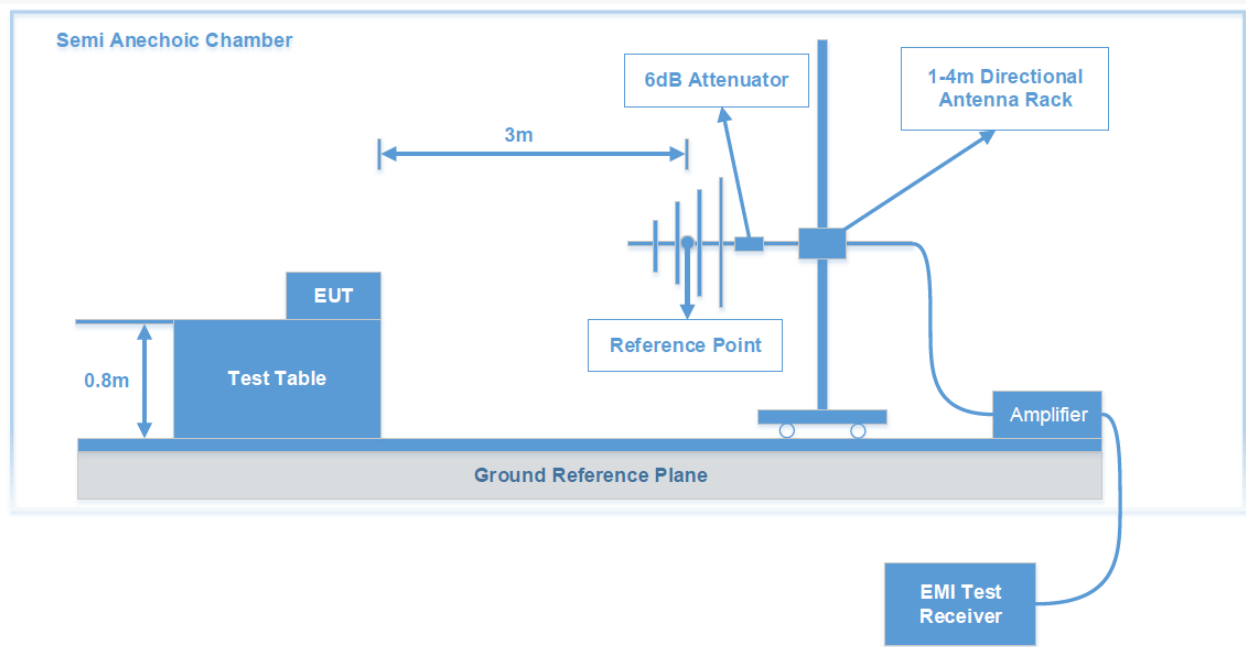
Antenna Connector Construction

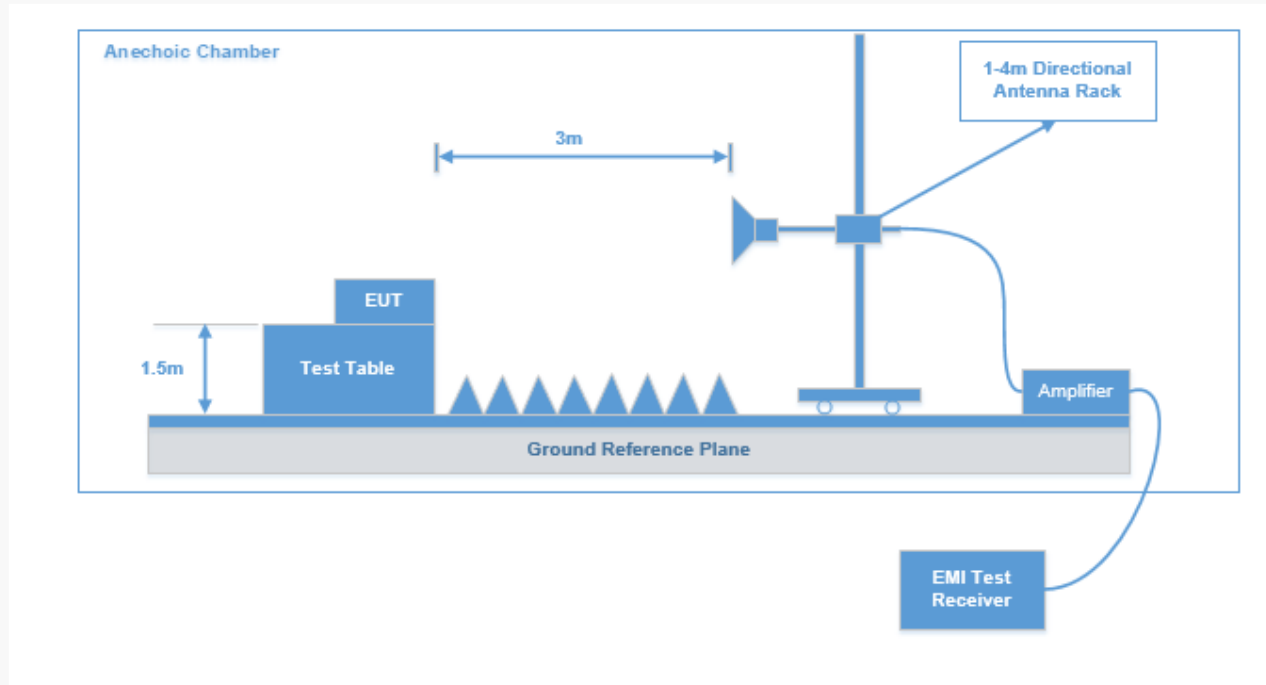
The EUT has two FPC antennas for 2.4G Wi-Fi, which are permanently attached to the unit, fulfill the requirement of this section Please refer to the EUT photos.

Result: Compliant.

FCC §15.209, §15.205 & §15.247(d) - SPURIOUS EMISSIONS**Applicable Standard**

FCC §15.247 (d); §15.209; §15.205;

Test System Setup**9 kHz-30 MHz:****30 MHz-1 GHz:**

Above 1 GHz:

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, and FCC 15.247 limits.

EMI Test Receiver Setup

During the radiated emission test, the EMI test receiver setup was set with the following configurations:

Frequency Range	RBW	VBW	IF B/W	Measurement	Detector
9 kHz - 150 kHz	200 Hz	1 kHz	200 Hz	Peak/QP/Average	Peak/QP/Average
150 kHz - 30 MHz	9 kHz	30 kHz	9 kHz	Peak/QP/Average	Peak/QP/Average
30 MHz - 1000 MHz	100 kHz	300 kHz	/	Peak	Peak
	/	/	120 kHz	QP	QP
Above 1GHz	1MHz	3 MHz	/	Peak	Peak
	1MHz	3 MHz	/	Average	Average

Test Procedure

According to ANSI C63.10-2020 clause 6.4, 6.5 and 6.6.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

If the measured peak level of the emissions that the measuring receiver reading level plus corrected factor is at least 6 dB below the QP emission limit, there's no need to record the measured QP level of the emissions in the report.

For 9 kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Corrected Amplitude (dBμV/m) = Meter Reading (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) – Corrected Amplitude (dBμV/m)

Note: The QuasiPeak (dBμV/m), MaxPeak (dBμV/m), Average (dBμV/m) which shown in the data table are all Corrected Amplitude.

Test Results Summary

According to the recorded data in following table, the EUT complied with the FCC Title 47, Part 15, and Subpart C, section 15.205, 15.209 and 15.247.

Test Data: See Appendix

FCC §15.247(A) (2) - 6 DB EMISSION BANDWIDTH

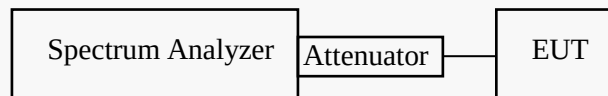
Applicable Standard

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

Test Procedure

According to ANSI C63.10-2020 sub-clause 11.8.1

- a) Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
- b) Set the VBW $\geq [3 \times \text{RBW}]$.
- c) Detector = peak.
- d) Trace mode = max-hold.
- e) Sweep = No faster than coupled (auto) time.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “– 6 dB down amplitude” . If a marker is below this “– 6 dB down amplitude” value, then it shall be as close as possible to this value.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable Loss (0.5dB)

Test Data: See Appendix

FCC §15.247(B) (3) - MAXIMUM CONDUCTED OUTPUT POWER

Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, Compliant with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

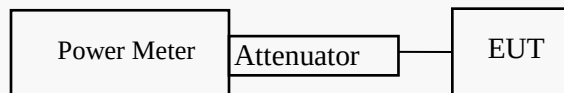
Test Procedure

According to ANSI C63.10-2020 sub-clause 11.9.1.2

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

11.9.2.3.2 Method AVGPM-G

Method AVGPM-G is a measurement using a gated RF average power meter. Alternatively, measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable Loss (0.5dB)

Test Data: See Appendix

FCC §15.247(D) – 100 KHZ BANDWIDTH OF FREQUENCY BAND EDGE & CONDUCTED SPURIOUS EMISSION

Band Edges

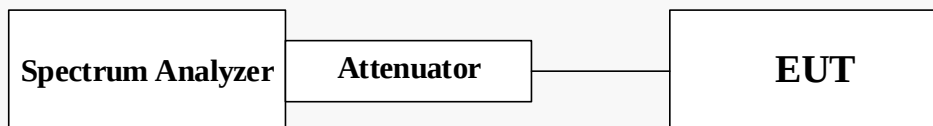
Applicable Standard

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates Compliant with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Test Procedure

According to ANSI C63.10-2020 Section 11.11

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable Loss (0.5dB)

Conducted Spurious Emission

Applicable Standard

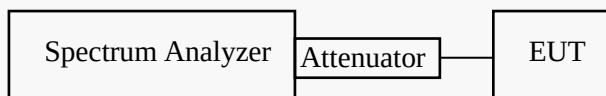
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

Test Procedure

According to ANSI C63.10-2020 Section 11.11

- a) Set the center frequency and span to encompass frequency range to be measured
- b) Set the RBW = 100 kHz.
- c) Set the VBW $\geq [3 \times \text{RBW}]$.
- d) Detector = peak.
- e) Sweep time = No faster than coupled (auto) time.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the peak marker function to determine the maximum amplitude level.

Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band (excluding restricted frequency bands) is attenuated by at least the minimum requirements specified in 11.11. Report the three highest emissions relative to the limit.



Note: the offset(13dB)=Attenuator (10dB) + Cable loss (3dB)

Test Data: See Appendix

FCC §15.247(E) - POWER SPECTRAL DENSITY

Applicable Standard

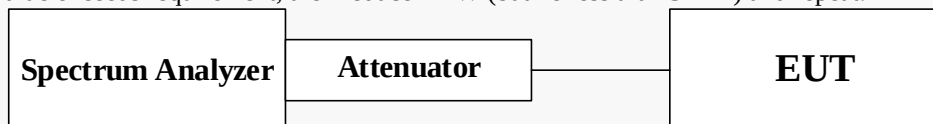
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

Test Procedure

According to ANSI C63.10-2020 sub-clause 11.10.2

The following procedure shall be used if maximum peak conducted output power was used to determine Compliant, and it is optional if the maximum conducted (average) output power was used to determine Compliant:

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span >1.5 times the DTS bandwidth.
- c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- d) Set the VBW $\geq [3 \times \text{RBW}]$.
- e) Detector = peak.
- f) Sweep time = No faster than coupled (auto) time.
- g) Trace mode = max-hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.
- j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.



Note: Offset (10.5dB) = Attenuator (10dB) + Cable Loss (0.5dB)

Test Data: See Appendix

APPENDIX - TEST DATA

SPURIOUS EMISSIONS

Environmental Conditions & Test Information

Test Item:	SPURIOUS EMISSIONS			
	9kHz – 30MHz	30MHz - 1GHz	1 GHz - 18 GHz	18 GHz - 25 GHz
Test Date:	2026-04-14	2026-03-09	2026-03-10 to 2026-05-10	2026-04-03
Temperature:	19.4℃	19.5℃	17.2-23.8℃	21.6 ℃
Relative Humidity:	62 %	54 %	47-50%	53 %
ATM Pressure:	101.4 kPa	102.5 kPa	102.3-103.2 kPa	102.5kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Scarf Yang	Scarf Yang	Destine Hu	Hugh Wu

Test Result: Compliant

Test results are recorded as follows :

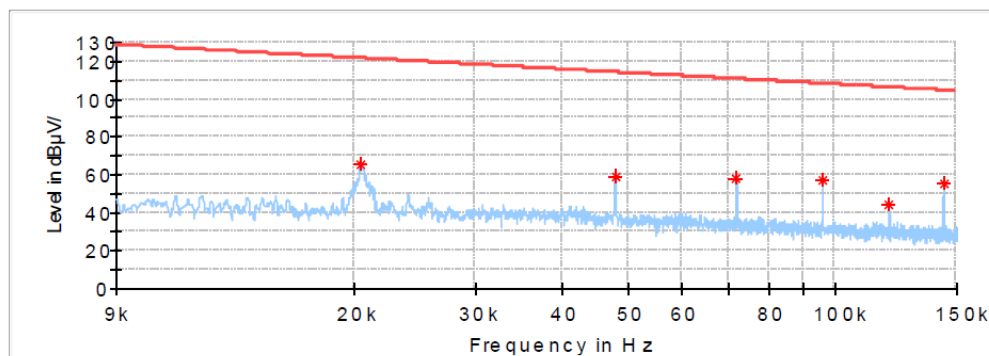
EUT operation mode: Transmitting

9 kHz-150kHz: (Transmitting in maximum output power mode Chain 0 802.11g mode low channel)

Low Channel: 2412MHz

Common Information

Project No: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: Transmitting in 802.11g mode low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, 1313-1A, 310N
Receiver Setting: RBW:200 kHz, VBW: 1 kHz, Sweep Time: Auto
Temperature: 19.4°C
Humidity: 62%
Barometric Pressure: 101.4kPa
Test Engineer: Scarf Yang
Check by: Jenny Yang
Test Date: 2026/4/14

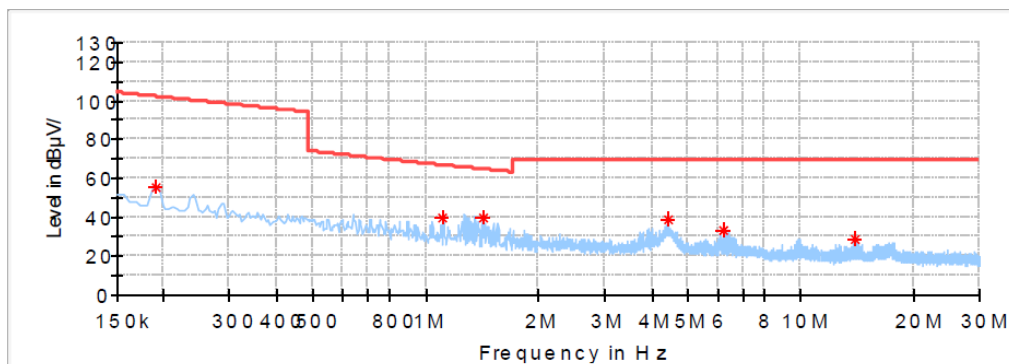


Critical Freqs

Frequency (MHz)	MaxPeak (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.020386	65.53	121.41	55.88	Parallel	-0.1
0.047951	58.59	113.99	55.39	Parallel	-2.9
0.071886	57.66	110.47	52.81	Parallel	-5.8
0.095856	57.24	107.97	50.73	Parallel	-8.1
0.119791	44.13	106.03	61.90	Parallel	-9.3
0.143690	55.31	104.45	49.14	Parallel	-10.4

150 kHz-30MHz: (Transmitting in maximum output power mode Chain 0 802.11g mode low channel)**Low Channel: 2412MHz****Common Information**

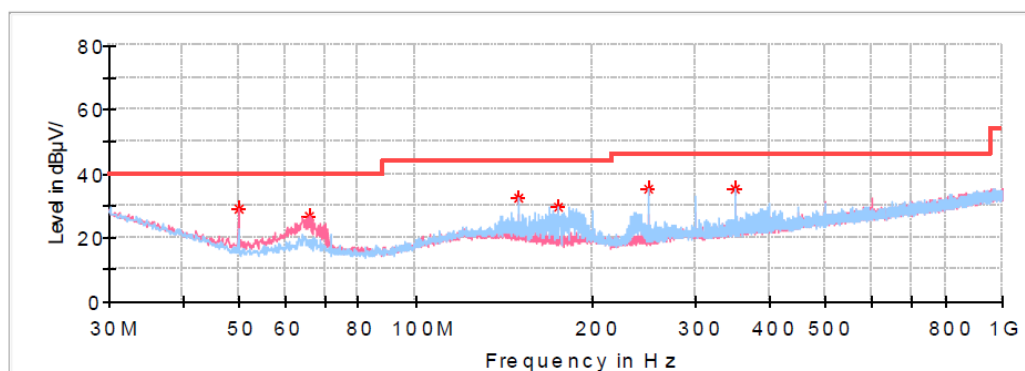
Project No: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: Transmitting in 802.11g mode low channel
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, 1313-1A, 310N
Receiver Setting: RBW: 9 kHz, VBW: 30 kHz, Sweep Time: Auto
Temperature: 19.4°C
Humidity: 62%
Barometric Pressure: 101.4kPa
Test Engineer: Scarf Yang
Check by: Jenny Yang
Test Date: 2026/4/14

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
0.191044	55.43	101.89	46.47	Parallel	-12.4
1.112662	40.11	66.49	26.38	Parallel	-27.5
1.418625	40.08	64.46	24.39	Parallel	-28.5
4.433475	38.75	69.54	30.79	Parallel	-31.3
6.220744	33.36	69.54	36.18	Parallel	-31.6
14.033981	28.74	69.54	40.80	Parallel	-32.2

30MHz-1GHz (Transmitting in maximum output power Chain 0 802.11g mode low channel):**Low Channel: 2412MHz****Common Information**

Project No: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4GWIFI
Standard: FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment: ESCI, JB3, 310N
Receiver Setting: RBW:100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature: 19.5°C
Humidity: 54%
Barometric Pressure: 102.5kPa
Test Engineer: Scarf Yang
Check by: Jenny Yang
Test Date: 2026/3/9

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
50.006250	29.06	40.00	10.94	V	-17.0
66.011250	26.58	40.00	13.42	V	-16.8
150.037500	32.26	43.50	11.24	H	-11.7
175.257500	29.50	43.50	14.00	H	-12.8
249.947500	35.08	46.00	10.92	H	-12.2
349.978750	35.44	46.00	10.56	H	-9.2

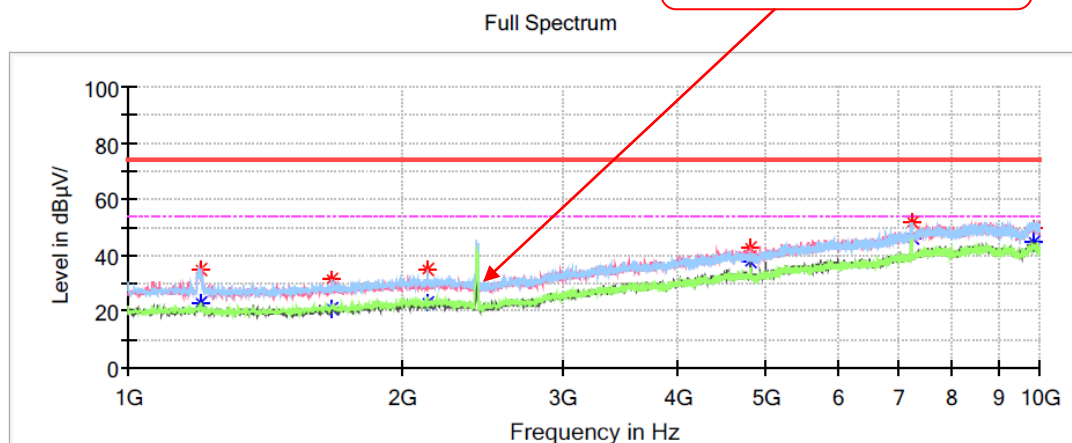
1GHz-10GHz:

Chain 0

802.11b Mode:**Low Channel: 2412MHz****Common Information**

Project No.:	RBJ260304001
EUT Model:	ZYCXD125M
Test Mode:	2.4G WIFI 802.11b mode Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	17.4°C
Humidity:	49%
Atmospheric Pressure:	102.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/3/11

Fundamental Test with
Band Reject Filter

**Critical_Freqs**

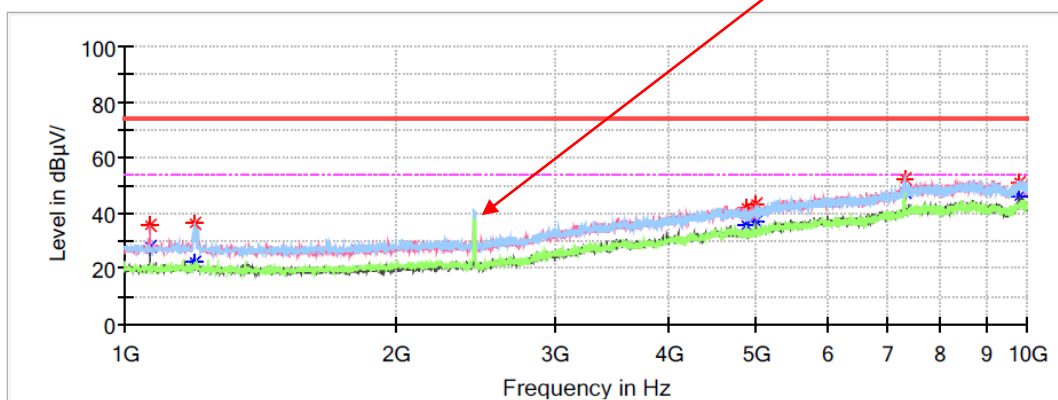
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1203.400000	---	22.77	54.00	31.23	H	-14.5
1203.400000	35.26	---	74.00	38.74	H	-14.5
1670.500000	---	21.17	54.00	32.83	V	-12.3
1670.500000	31.68	---	74.00	42.32	V	-12.3
2131.300000	---	23.32	54.00	30.68	H	-9.9
2131.300000	35.10	---	74.00	38.90	H	-9.9
4824.100000	---	37.73	54.00	16.27	V	-3.4
4824.100000	42.57	---	74.00	31.43	V	-3.4
7237.000000	---	45.84	54.00	8.16	H	2.2
7237.000000	51.82	---	74.00	22.18	H	2.2
9870.400000	49.71	---	74.00	24.29	V	6.0
9870.400000	---	44.76	54.00	9.24	V	6.0

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11b mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

Full Spectrum

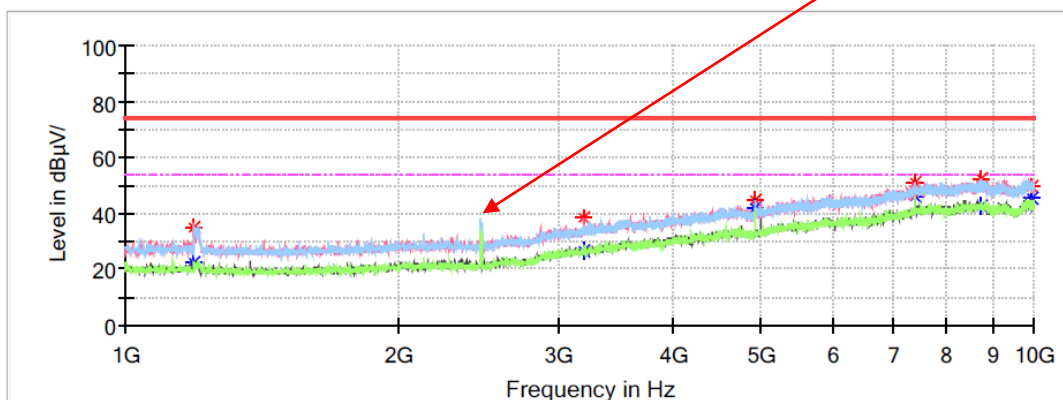
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1064.800000	---	27.89	54.00	26.11	V	-15.0
1064.800000	35.85	---	74.00	38.15	V	-15.0
1195.300000	---	22.47	54.00	31.53	H	-14.5
1195.300000	36.29	---	74.00	37.71	H	-14.5
4873.600000	---	35.76	54.00	18.24	H	-3.2
4873.600000	42.28	---	74.00	31.72	H	-3.2
4999.600000	---	37.25	54.00	16.75	V	-2.9
4999.600000	43.08	---	74.00	30.92	V	-2.9
7312.600000	52.38	---	74.00	21.62	H	2.4
7312.600000	---	47.22	54.00	6.78	H	2.4
9811.900000	50.78	---	74.00	23.22	V	5.8
9811.900000	---	46.14	54.00	7.86	V	5.8

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11b mode High Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.4℃
 Humidity: 49%
 Atmospheric Pressure: 102.6kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/3/11

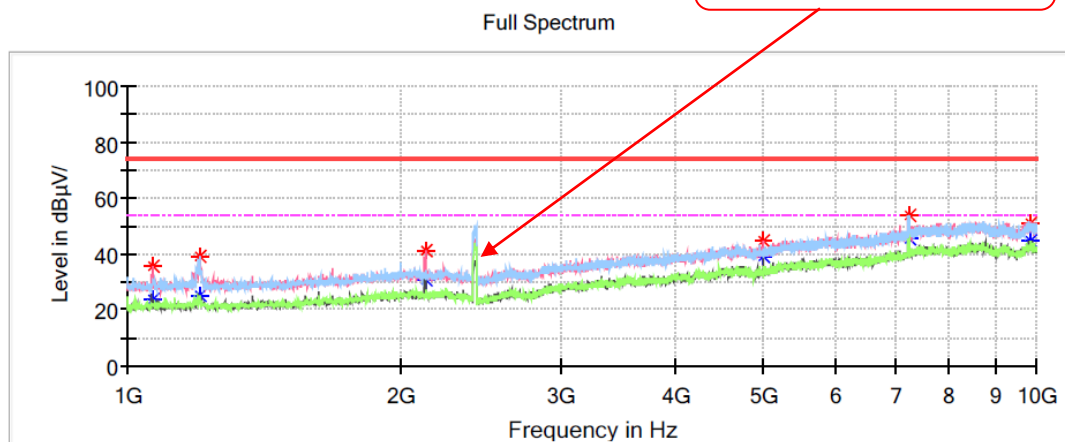
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μV/m)	Average (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Pol	Corr. (dB/m)
1191.700000	---	22.49	54.00	31.51	H	-14.5
1191.700000	35.22	---	74.00	38.78	H	-14.5
3196.000000	---	26.61	54.00	27.39	V	-7.4
3196.000000	38.21	---	74.00	35.79	V	-7.4
4924.000000	44.54	---	74.00	29.46	H	-3.1
4924.000000	---	42.15	54.00	11.85	H	-3.1
7387.300000	51.08	---	74.00	22.92	H	2.6
7387.300000	---	46.22	54.00	7.78	H	2.6
8735.500000	52.45	---	74.00	21.55	H	4.7
8735.500000	---	42.59	54.00	11.41	H	4.7
9937.900000	---	45.55	54.00	8.45	V	6.2
9937.900000	49.83	---	74.00	24.17	V	6.2

802.11g Mode:**Low Channel: 2412MHz****Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

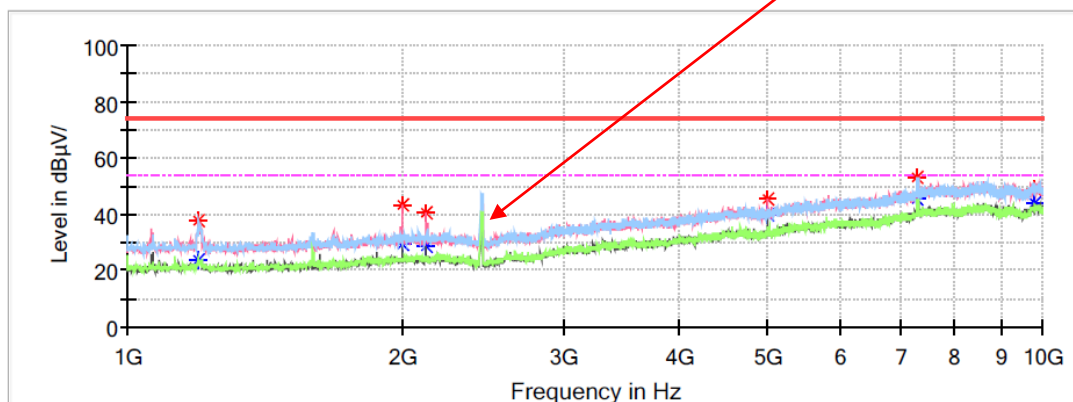
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1066.600000	35.98	---	74.00	38.02	V	-15.0
1066.600000	---	23.98	54.00	30.02	V	-15.0
1200.700000	---	25.39	54.00	28.61	H	-14.5
1200.700000	39.38	---	74.00	34.62	H	-14.5
2131.300000	---	30.58	54.00	23.42	V	-9.9
2131.300000	41.24	---	74.00	32.76	V	-9.9
4999.600000	44.53	---	74.00	29.47	V	-2.9
4999.600000	---	39.26	54.00	14.74	V	-2.9
7235.200000	---	45.67	54.00	8.33	H	2.2
7235.200000	54.05	---	74.00	19.95	H	2.2
9843.400000	---	44.59	54.00	9.41	H	5.9
9843.400000	50.83	---	74.00	23.17	H	5.9

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11g mode Middle Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.4°C
 Humidity: 49%
 Atmospheric Pressure: 102.6kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/3/11

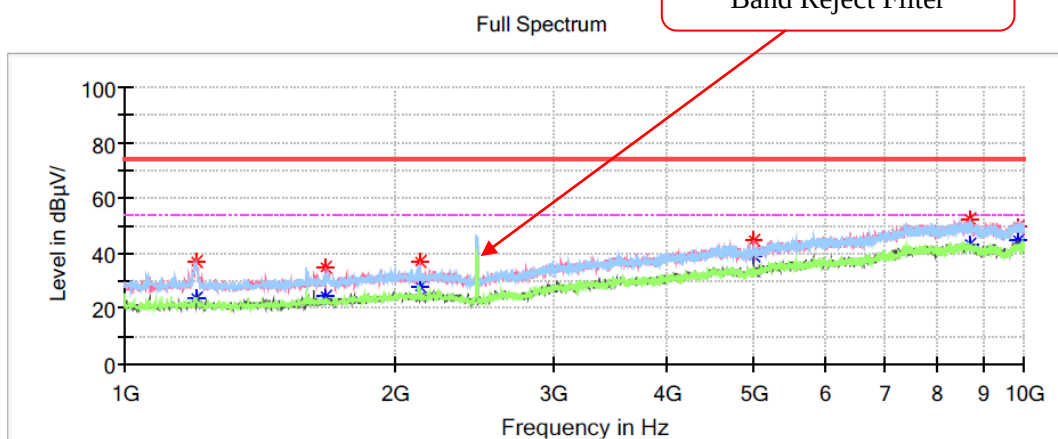
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1197.100000	37.77	---	74.00	36.23	H	-14.5
1197.100000	---	23.86	54.00	30.14	H	-14.5
1995.400000	---	29.09	54.00	24.91	V	-10.0
1995.400000	43.25	---	74.00	30.75	V	-10.0
2123.200000	40.33	---	74.00	33.67	V	-9.9
2123.200000	---	28.58	54.00	25.42	V	-9.9
4999.600000	45.59	---	74.00	28.41	V	-2.9
4999.600000	---	39.54	54.00	14.46	V	-2.9
7304.500000	53.26	---	74.00	20.74	H	2.4
7304.500000	---	45.62	54.00	8.38	H	2.4
9820.000000	---	44.05	54.00	9.95	V	5.8
9820.000000	48.86	---	74.00	25.14	V	5.8

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1199.800000	---	23.95	54.00	30.05	V	-14.5
1199.800000	37.16	---	74.00	36.84	V	-14.5
1675.000000	34.77	---	74.00	39.23	V	-12.2
1675.000000	---	24.72	54.00	29.28	V	-12.2
2128.600000	36.94	---	74.00	37.06	V	-9.9
2128.600000	---	27.74	54.00	26.26	V	-9.9
4999.600000	44.41	---	74.00	29.59	V	-2.9
4999.600000	---	39.00	54.00	15.00	V	-2.9
8688.700000	---	43.19	54.00	10.81	H	4.7
8688.700000	52.70	---	74.00	21.30	H	4.7
9843.400000	---	44.45	54.00	9.55	V	5.9
9843.400000	49.36	---	74.00	24.64	V	5.9

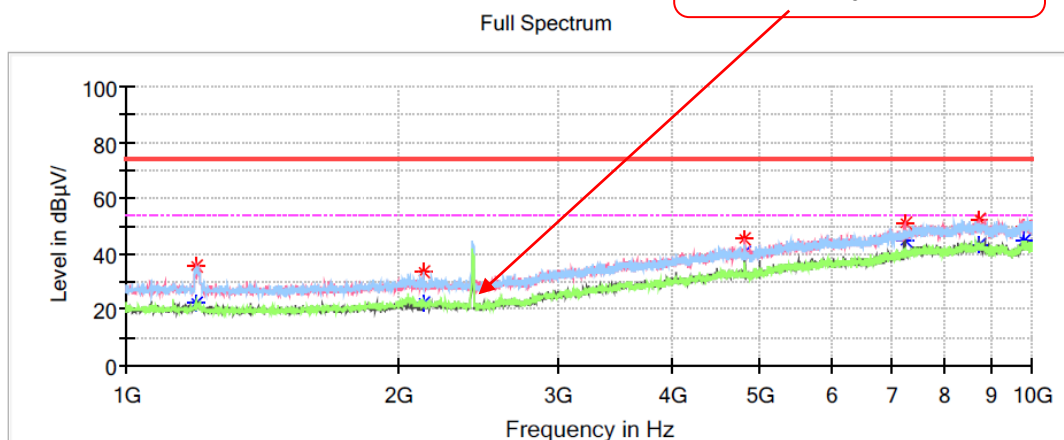
Chain 1

802.11b Mode:

Low Channel: 2412MHz

Common Information

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11b mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

**Critical_Freqs**

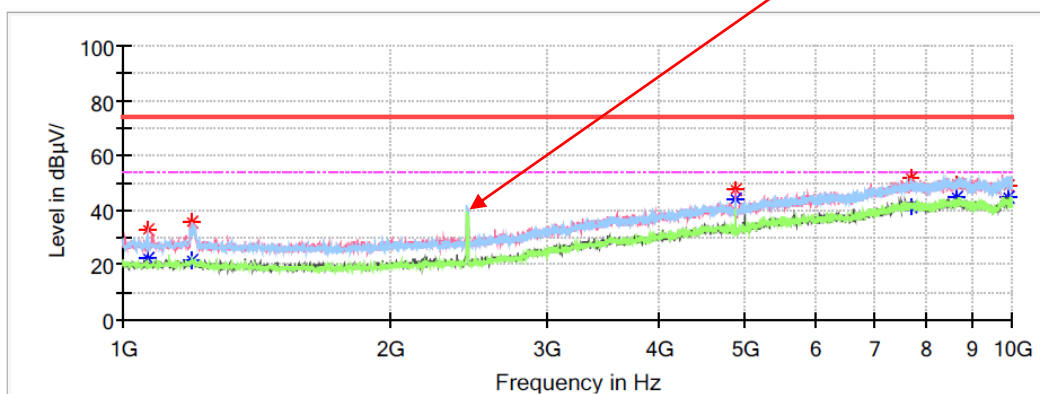
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1197.100000	35.37	---	74.00	38.63	V	-14.5
1197.100000	---	22.26	54.00	31.74	V	-14.5
2125.900000	33.56	---	74.00	40.44	H	-9.9
2125.900000	---	22.17	54.00	31.83	H	-9.9
4824.100000	---	40.41	54.00	13.59	V	-3.4
4824.100000	45.47	---	74.00	28.53	V	-3.4
7235.200000	---	45.07	54.00	8.93	V	2.2
7235.200000	51.27	---	74.00	22.73	V	2.2
8758.000000	---	43.54	54.00	10.46	H	4.7
8758.000000	52.28	---	74.00	21.72	H	4.7
9802.900000	---	45.03	54.00	8.97	H	5.7
9802.900000	49.70	---	74.00	24.30	H	5.7

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11b mode Middle Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.4℃
 Humidity: 49%
 Atmospheric Pressure: 102.6kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

Full Spectrum

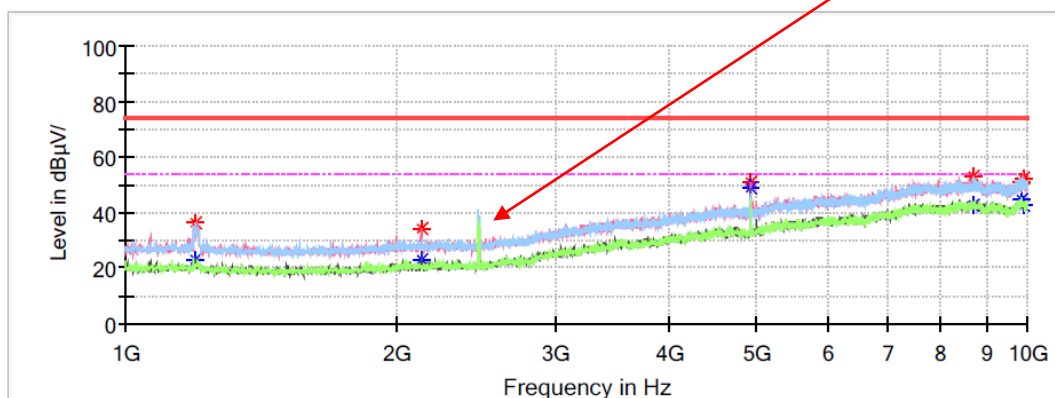
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1064.800000	---	22.04	54.00	31.96	V	-15.0
1064.800000	32.84	---	74.00	41.16	V	-15.0
1197.100000	---	21.69	54.00	32.31	H	-14.5
1197.100000	35.68	---	74.00	38.32	H	-14.5
4873.600000	---	44.28	54.00	9.72	V	-3.2
4873.600000	47.62	---	74.00	26.38	V	-3.2
7693.300000	---	41.17	54.00	12.83	H	3.1
7693.300000	51.77	---	74.00	22.23	H	3.1
8680.600000	---	45.10	54.00	8.90	V	4.7
8680.600000	49.96	---	74.00	24.04	V	4.7
9900.100000	---	44.59	54.00	9.41	H	6.1
9900.100000	49.02	---	74.00	24.98	H	6.1

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11b mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Full Spectrum

**Critical_Freqs**

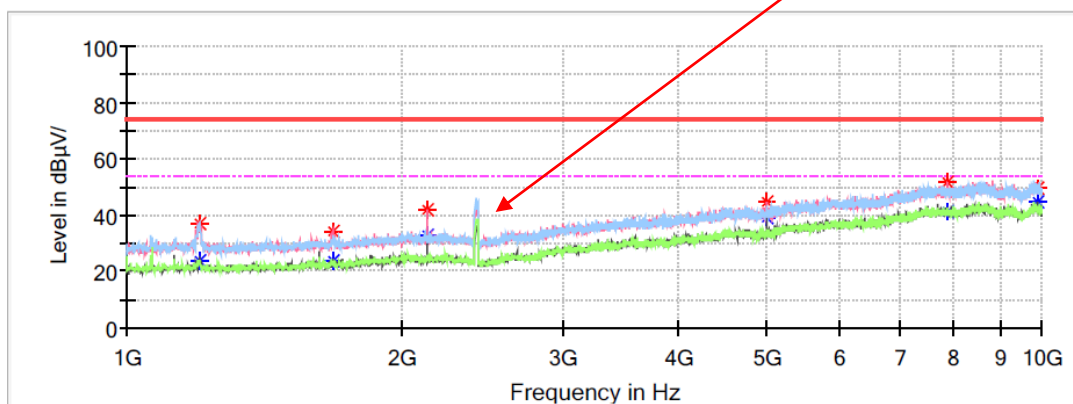
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1195.300000	---	22.87	54.00	31.13	V	-14.5
1195.300000	36.09	---	74.00	37.91	V	-14.5
2125.000000	---	22.74	54.00	31.26	V	-9.9
2125.000000	34.30	---	74.00	39.70	V	-9.9
4924.000000	50.85	---	74.00	23.15	V	-3.1
4924.000000	---	48.75	54.00	5.25	V	-3.1
8695.900000	53.01	---	74.00	20.99	H	4.7
8695.900000	---	42.65	54.00	11.35	H	4.7
9834.400000	51.07	---	74.00	22.93	V	5.8
9834.400000	---	45.07	54.00	8.93	V	5.8
9924.400000	---	42.58	54.00	11.42	H	6.1
9924.400000	52.75	---	74.00	21.25	H	6.1

802.11g Mode:**Low Channel: 2412MHz****Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

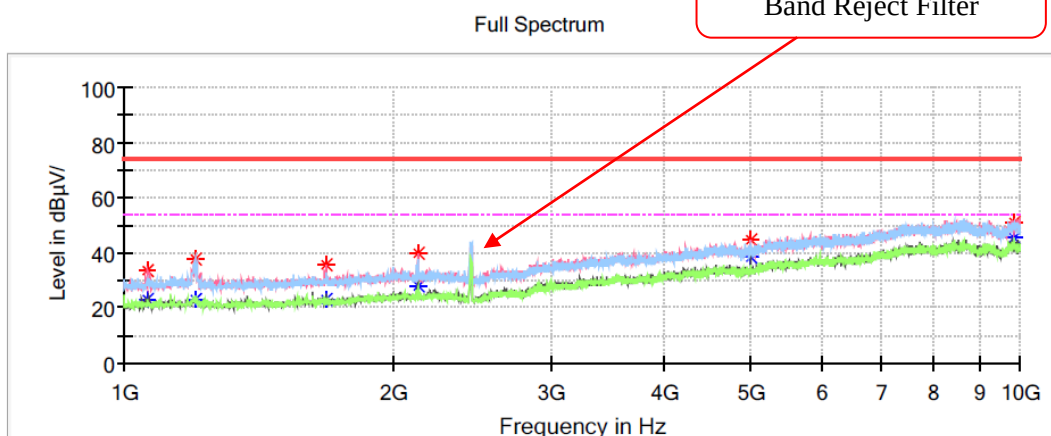
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1198.000000	---	23.99	54.00	30.01	H	-14.5
1198.000000	37.39	---	74.00	36.61	H	-14.5
1679.500000	34.42	---	74.00	39.58	H	-12.2
1679.500000	---	23.51	54.00	30.49	H	-12.2
2132.200000	---	32.72	54.00	21.28	V	-9.9
2132.200000	41.64	---	74.00	32.36	V	-9.9
4999.600000	---	38.86	54.00	15.14	V	-2.9
4999.600000	44.44	---	74.00	29.56	V	-2.9
7873.300000	---	41.39	54.00	12.61	V	3.2
7873.300000	51.74	---	74.00	22.26	V	3.2
9922.600000	49.69	---	74.00	24.31	H	6.1
9922.600000	---	44.66	54.00	9.34	H	6.1

Middle Channel: 2437MHz**Common Information**

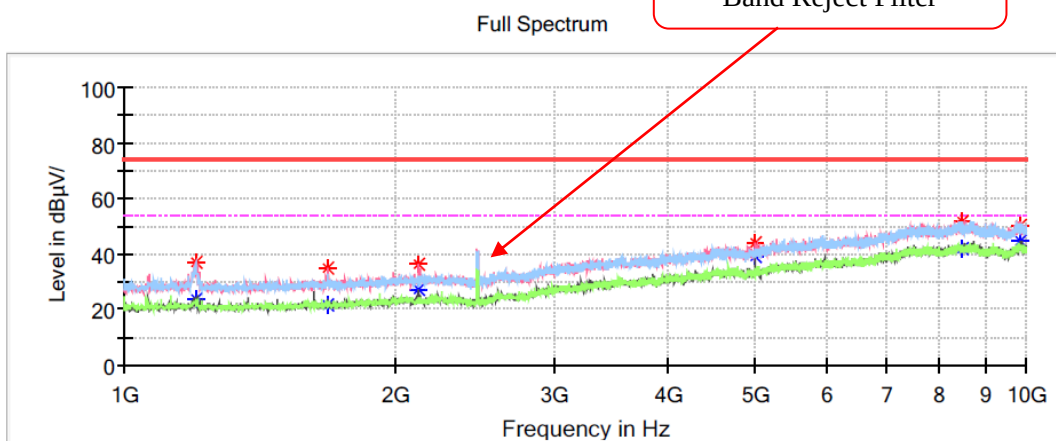
Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.000000	---	23.29	54.00	30.71	V	-15.0
1063.000000	33.67	---	74.00	40.33	V	-15.0
1198.000000	---	23.31	54.00	30.69	H	-14.5
1198.000000	37.74	---	74.00	36.26	H	-14.5
1682.200000	---	23.11	54.00	30.89	V	-12.2
1682.200000	35.50	---	74.00	38.50	V	-12.2
2130.400000	---	28.22	54.00	25.78	V	-9.9
2130.400000	39.89	---	74.00	34.11	V	-9.9
5000.500000	---	38.21	54.00	15.79	V	-2.9
5000.500000	45.03	---	74.00	28.97	V	-2.9
9847.900000	51.10	---	74.00	22.90	H	5.9
9847.900000	---	45.16	54.00	8.84	H	5.9

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

**Critical_Freqs**

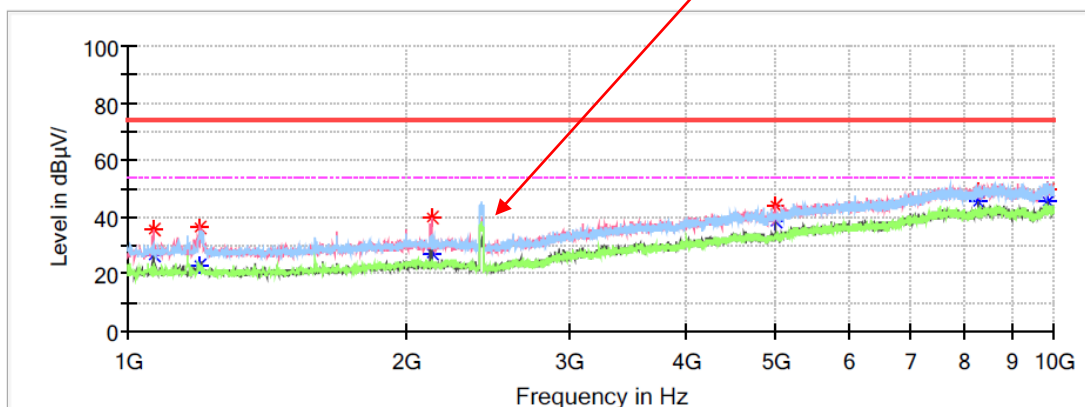
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1201.600000	37.17	---	74.00	36.83	H	-14.5
1201.600000	---	23.63	54.00	30.37	H	-14.5
1684.000000	34.76	---	74.00	39.24	V	-12.2
1684.000000	---	21.60	54.00	32.40	V	-12.2
2123.200000	---	27.49	54.00	26.51	V	-9.9
2123.200000	36.12	---	74.00	37.88	V	-9.9
5000.500000	---	39.48	54.00	14.52	V	-2.9
5000.500000	43.89	---	74.00	30.11	V	-2.9
8489.800000	51.79	---	74.00	22.21	H	4.7
8489.800000	---	42.12	54.00	11.88	H	4.7
9843.400000	50.35	---	74.00	23.65	V	5.9
9843.400000	---	44.72	54.00	9.28	V	5.9

MIMO (Chain 0+chain 1):**802.11n-HT20 Mode :****Low Channel: 2412MHz****Common Information**

Project No.:	RBJ260304001
EUT Model:	ZYCXD125M
Test Mode:	2.4G WIFI 802.11n20 mode Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	17.4℃
Humidity:	49%
Atmospheric Pressure:	102.6kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/3/11

Fundamental Test with
Band Reject Filter

Full Spectrum

**Critical_Freqs**

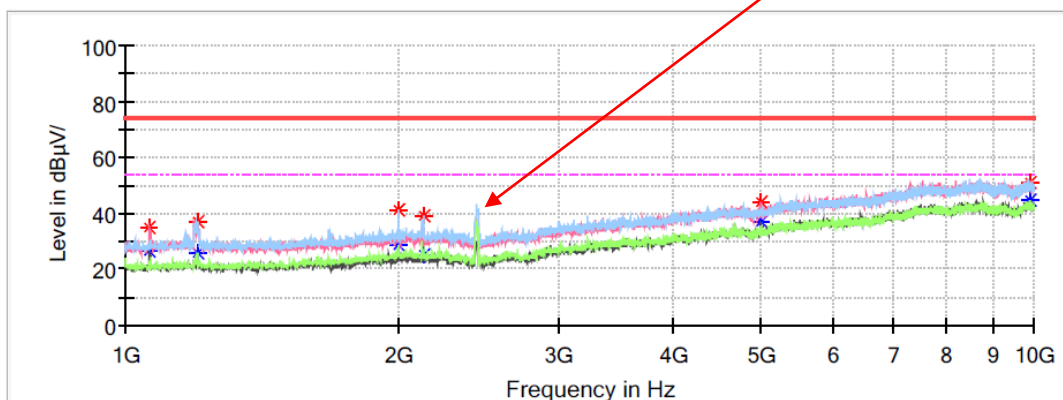
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.900000	---	26.84	54.00	27.16	V	-15.0
1063.900000	36.01	---	74.00	37.99	V	-15.0
1197.100000	---	23.33	54.00	30.67	H	-14.5
1197.100000	36.11	---	74.00	37.89	H	-14.5
2130.400000	---	27.39	54.00	26.61	V	-9.9
2130.400000	39.68	---	74.00	34.32	V	-9.9
4999.600000	43.74	---	74.00	30.26	V	-2.9
4999.600000	---	38.25	54.00	15.75	V	-2.9
8298.100000	49.15	---	74.00	24.85	V	4.1
8298.100000	---	45.22	54.00	8.78	V	4.1
9836.200000	---	45.16	54.00	8.84	V	5.8
9836.200000	49.68	---	74.00	24.32	V	5.8

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n20 mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

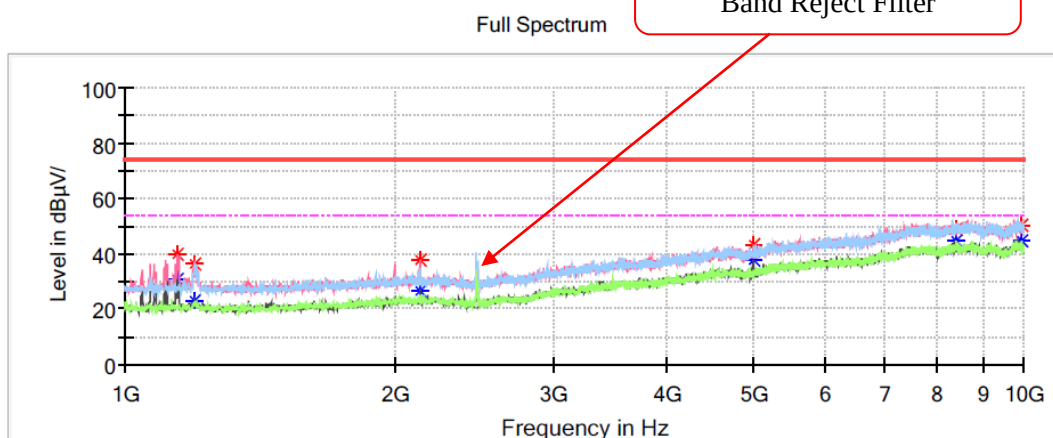
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.000000	---	26.42	54.00	27.58	V	-15.0
1063.000000	34.65	---	74.00	39.35	V	-15.0
1202.500000	36.76	---	74.00	37.24	H	-14.5
1202.500000	---	25.73	54.00	28.27	H	-14.5
1998.100000	---	28.40	54.00	25.60	H	-10.0
1998.100000	41.58	---	74.00	32.42	H	-10.0
2129.500000	39.37	---	74.00	34.63	H	-9.9
2129.500000	---	25.46	54.00	28.54	H	-9.9
4999.600000	---	37.13	54.00	16.87	V	-2.9
4999.600000	44.30	---	74.00	29.70	V	-2.9
9920.800000	50.78	---	74.00	23.22	V	6.1
9920.800000	---	44.95	54.00	9.05	V	6.1

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n20 mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

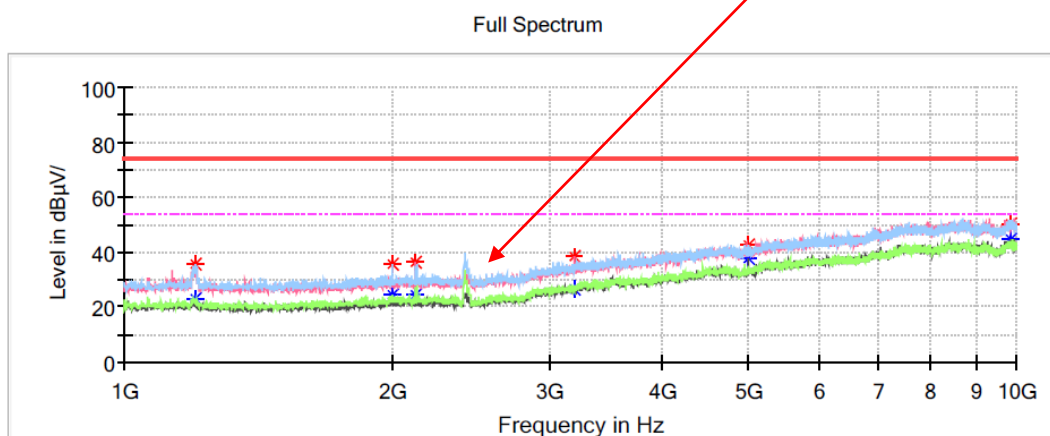
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1143.100000	40.14	---	74.00	33.86	V	-14.7
1143.100000	---	30.79	54.00	23.21	V	-14.7
1192.600000	---	23.17	54.00	30.83	V	-14.5
1192.600000	36.20	---	74.00	37.80	V	-14.5
2127.700000	38.07	---	74.00	35.93	V	-9.9
2127.700000	---	26.34	54.00	27.66	V	-9.9
4999.600000	---	37.66	54.00	16.34	V	-2.9
4999.600000	43.57	---	74.00	30.43	V	-2.9
8406.100000	---	44.86	54.00	9.14	H	4.4
8406.100000	48.92	---	74.00	25.08	H	4.4
9933.400000	---	44.74	54.00	9.26	H	6.2
9933.400000	50.44	---	74.00	23.56	H	6.2

802.11n-HT40 Mode :**Low Channel: 2422MHz****Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11n40 mode Low Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.4°C
 Humidity: 49%
 Atmospheric Pressure: 102.6kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

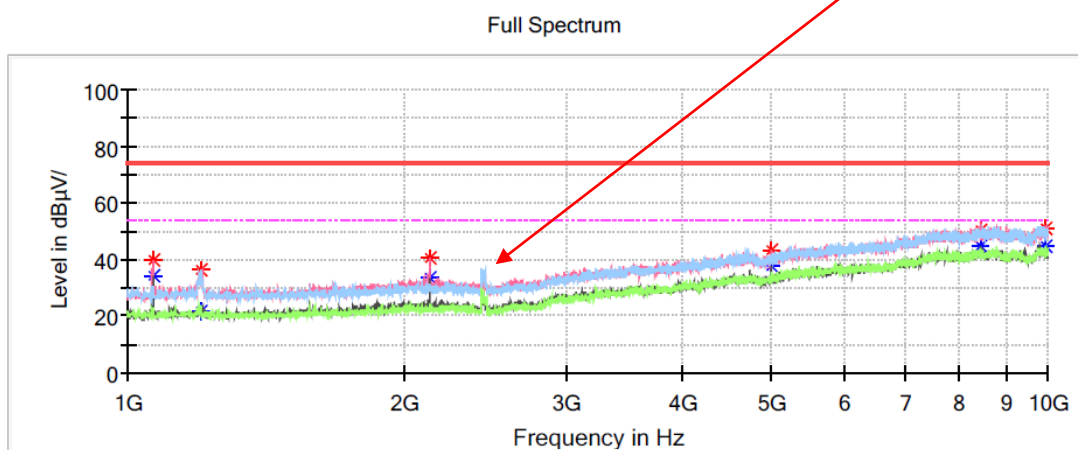
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1198.900000	35.90	---	74.00	38.10	H	-14.5
1198.900000	---	23.00	54.00	31.00	H	-14.5
1996.300000	35.85	---	74.00	38.15	H	-10.0
1996.300000	---	24.24	54.00	29.76	H	-10.0
2123.200000	36.32	---	74.00	37.68	V	-9.9
2123.200000	---	24.64	54.00	29.36	V	-9.9
3193.300000	---	26.72	54.00	27.28	V	-7.4
3193.300000	38.40	---	74.00	35.60	V	-7.4
4999.600000	42.95	---	74.00	31.05	V	-2.9
4999.600000	---	37.45	54.00	16.55	V	-2.9
9861.400000	50.43	---	74.00	23.57	V	5.9
9861.400000	---	44.97	54.00	9.03	V	5.9

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n40 mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

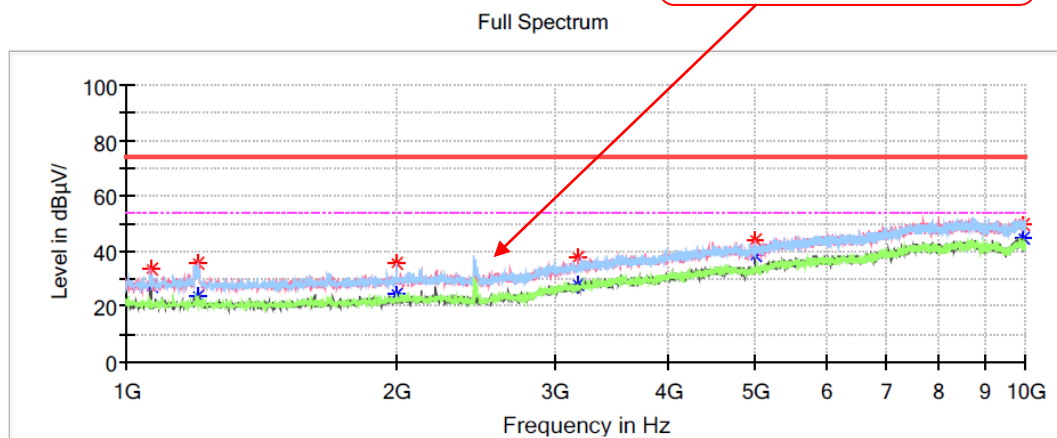
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1065.700000	39.58	---	74.00	34.42	V	-15.0
1065.700000	---	34.46	54.00	19.54	V	-15.0
1203.400000	36.37	---	74.00	37.63	H	-14.5
1203.400000	---	21.59	54.00	32.41	H	-14.5
2131.300000	40.28	---	74.00	33.72	V	-9.9
2131.300000	---	33.46	54.00	20.54	V	-9.9
4999.600000	---	37.74	54.00	16.26	V	-2.9
4999.600000	43.57	---	74.00	30.43	V	-2.9
8454.700000	50.13	---	74.00	23.87	V	4.6
8454.700000	---	44.58	54.00	9.42	V	4.6
9928.000000	---	44.55	54.00	9.45	H	6.1
9928.000000	50.79	---	74.00	23.21	H	6.1

High Channel: 2452MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n40 mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

**Critical_Freqs**

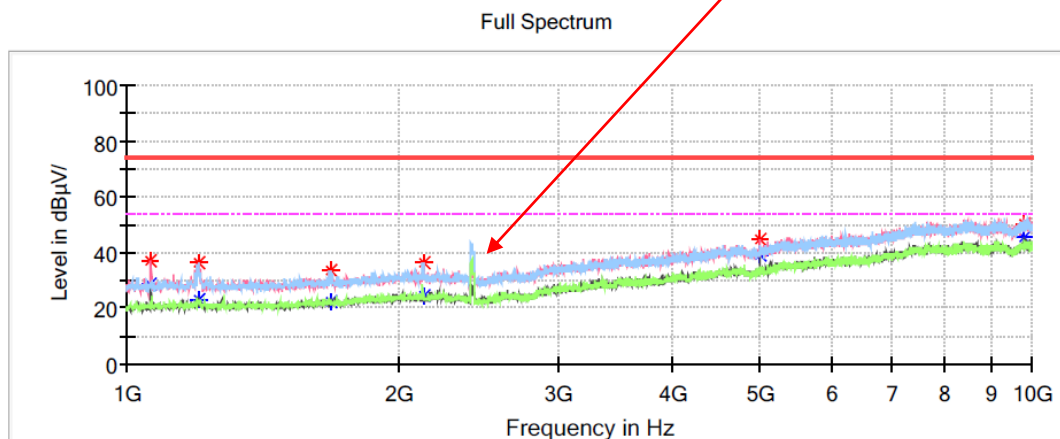
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1064.800000	---	27.03	54.00	26.97	V	-15.0
1064.800000	33.84	---	74.00	40.16	V	-15.0
1198.900000	---	24.06	54.00	29.94	H	-14.5
1198.900000	35.49	---	74.00	38.51	H	-14.5
1994.500000	35.81	---	74.00	38.19	H	-10.0
1994.500000	---	24.26	54.00	29.74	H	-10.0
3185.200000	---	27.81	54.00	26.19	V	-7.4
3185.200000	37.94	---	74.00	36.06	V	-7.4
4999.600000	44.32	---	74.00	29.68	V	-2.9
4999.600000	---	38.37	54.00	15.63	V	-2.9
9933.400000	---	44.84	54.00	9.16	V	6.2
9933.400000	49.37	---	74.00	24.63	V	6.2

802.11ax20 Mode :

Low Channel: 2412MHz

Common Information

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11ax20 mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter**Critical_Freqs**

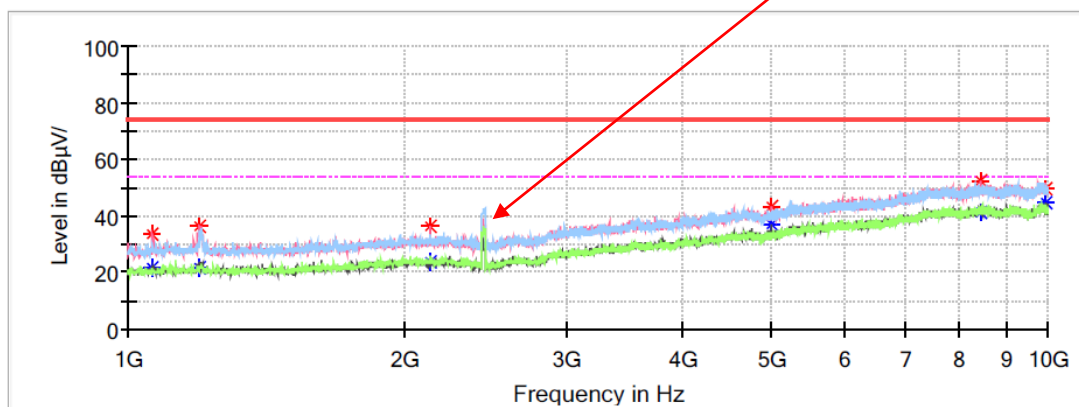
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.000000	---	28.34	54.00	25.66	V	-15.0
1063.000000	36.77	---	74.00	37.23	V	-15.0
1201.600000	---	23.37	54.00	30.63	H	-14.5
1201.600000	36.28	---	74.00	37.72	H	-14.5
1679.500000	---	22.32	54.00	31.68	V	-12.2
1679.500000	33.67	---	74.00	40.33	V	-12.2
2128.600000	---	24.57	54.00	29.43	V	-9.9
2128.600000	36.52	---	74.00	37.48	V	-9.9
4999.600000	44.99	---	74.00	29.01	V	-2.9
4999.600000	---	39.08	54.00	14.92	V	-2.9
9820.000000	---	45.58	54.00	8.42	V	5.8
9820.000000	50.11	---	74.00	23.89	V	5.8

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11ax20 mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

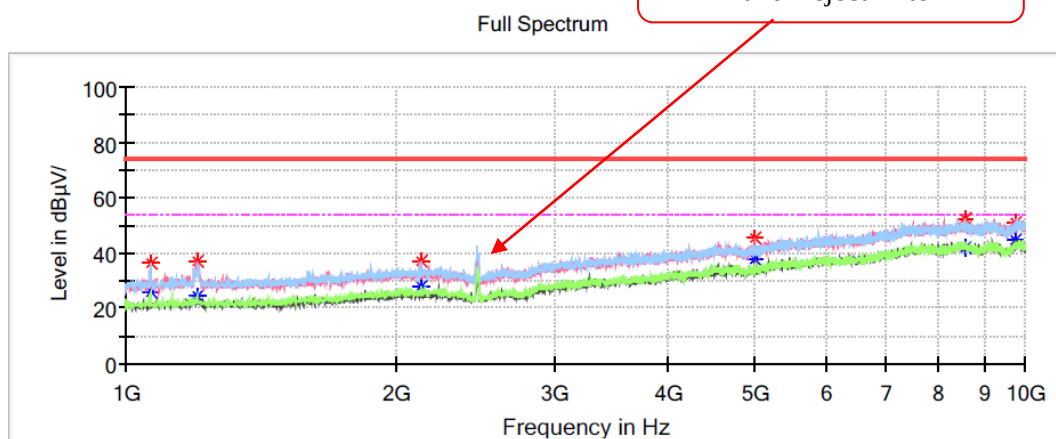
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.000000	33.24	---	74.00	40.76	V	-15.0
1063.000000	---	21.50	54.00	32.50	V	-15.0
1197.100000	36.65	---	74.00	37.35	V	-14.5
1197.100000	---	22.03	54.00	31.97	V	-14.5
2130.400000	36.03	---	74.00	37.97	V	-9.9
2130.400000	---	23.79	54.00	30.21	V	-9.9
4999.600000	43.65	---	74.00	30.35	V	-2.9
4999.600000	---	37.20	54.00	16.80	V	-2.9
8466.400000	---	41.60	54.00	12.40	H	4.6
8466.400000	52.16	---	74.00	21.84	H	4.6
9928.000000	49.63	---	74.00	24.37	V	6.1
9928.000000	---	44.85	54.00	9.15	V	6.1

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11ax20 mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

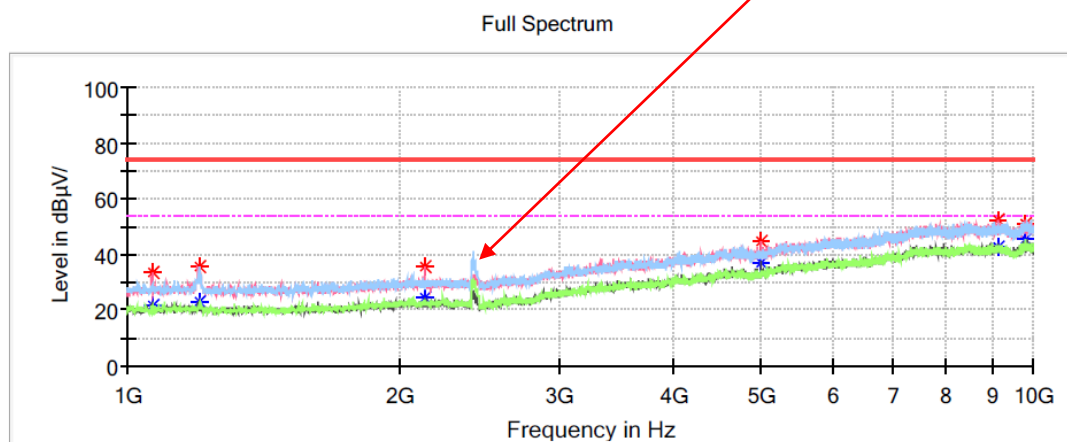
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.900000	36.58	---	74.00	37.42	H	-15.0
1063.900000	---	25.93	54.00	28.07	H	-15.0
1198.900000	36.90	---	74.00	37.10	V	-14.5
1198.900000	---	24.45	54.00	29.55	V	-14.5
2132.200000	36.95	---	74.00	37.05	H	-9.9
2132.200000	---	27.84	54.00	26.16	H	-9.9
4999.600000	45.41	---	74.00	28.59	V	-2.9
4999.600000	---	37.96	54.00	16.04	V	-2.9
8593.300000	---	42.20	54.00	11.80	H	4.7
8593.300000	52.13	---	74.00	21.87	H	4.7
9750.700000	50.76	---	74.00	23.24	V	5.6
9750.700000	---	44.99	54.00	9.01	V	5.6

802.11ax40 Mode :**Low Channel: 2422MHz****Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11ax40 mode Low Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 17.4°C
 Humidity: 49%
 Atmospheric Pressure: 102.6kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

**Critical_Freqs**

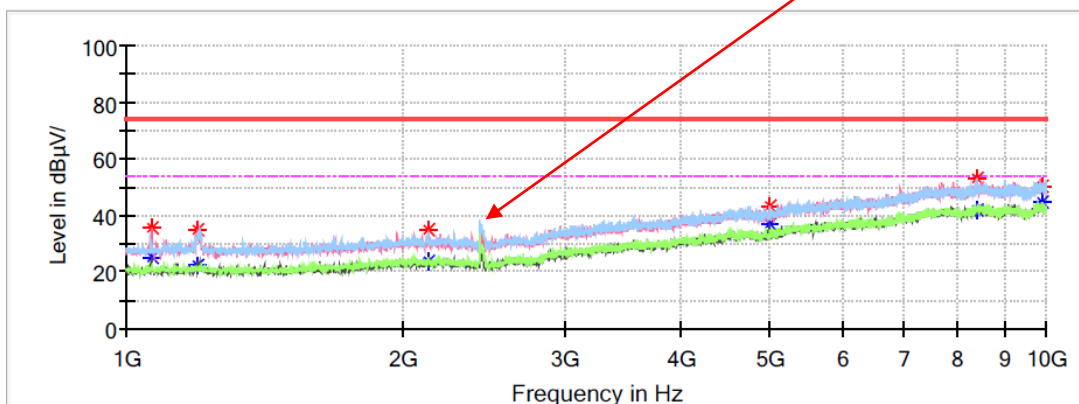
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1065.700000	---	21.61	54.00	32.39	H	-15.0
1065.700000	33.51	---	74.00	40.49	H	-15.0
1198.000000	---	23.08	54.00	30.92	H	-14.5
1198.000000	35.76	---	74.00	38.24	H	-14.5
2126.800000	35.98	---	74.00	38.02	V	-9.9
2126.800000	---	24.80	54.00	29.20	V	-9.9
5000.500000	---	37.01	54.00	16.99	V	-2.9
5000.500000	44.65	---	74.00	29.35	V	-2.9
9134.200000	---	42.35	54.00	11.65	V	4.7
9134.200000	52.27	---	74.00	21.73	V	4.7
9811.900000	51.26	---	74.00	22.74	H	5.8
9811.900000	---	45.14	54.00	8.86	H	5.8

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11ax40 mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4°C
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

Fundamental Test with
Band Reject Filter

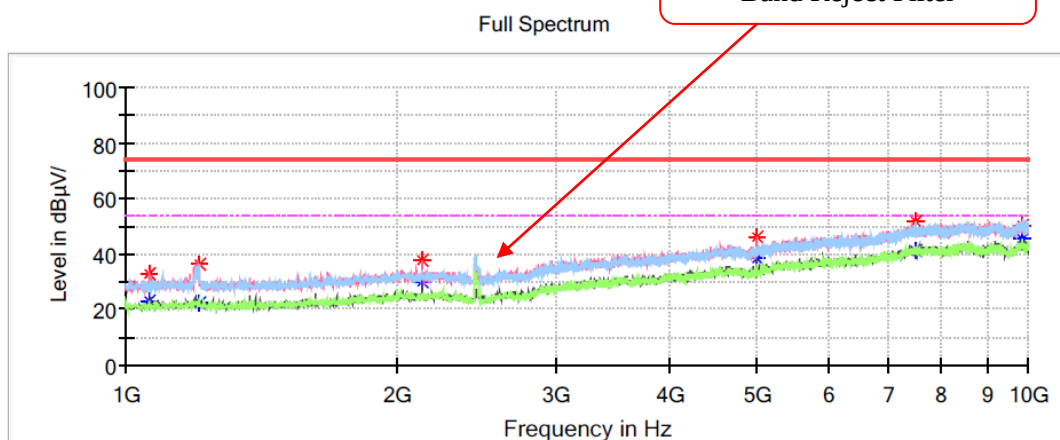
Full Spectrum

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1063.900000	35.98	---	74.00	38.02	V	-15.0
1063.900000	---	25.13	54.00	28.87	V	-15.0
1196.200000	35.01	---	74.00	38.99	V	-14.5
1196.200000	---	22.41	54.00	31.59	V	-14.5
2129.500000	---	24.09	54.00	29.91	H	-9.9
2129.500000	34.71	---	74.00	39.29	H	-9.9
5000.500000	43.69	---	74.00	30.31	V	-2.9
5000.500000	---	37.35	54.00	16.65	V	-2.9
8404.300000	53.19	---	74.00	20.81	H	4.4
8404.300000	---	42.05	54.00	11.95	H	4.4
9917.200000	50.53	---	74.00	23.47	H	6.1
9917.200000	---	44.64	54.00	9.36	H	6.1

High Channel: 2452MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11ax40 mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 17.4℃
Humidity: 49%
Atmospheric Pressure: 102.6kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/3/11

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	PoI	Corr. (dB/m)
1063.000000	---	22.73	54.00	31.27	V	-15.0
1063.000000	33.00	---	74.00	41.00	V	-15.0
1206.100000	---	22.48	54.00	31.52	H	-14.5
1206.100000	36.50	---	74.00	37.50	H	-14.5
2131.300000	---	29.97	54.00	24.03	V	-9.9
2131.300000	37.47	---	74.00	36.53	V	-9.9
4999.600000	---	38.41	54.00	15.59	V	-2.9
4999.600000	46.23	---	74.00	27.77	V	-2.9
7518.700000	---	41.03	54.00	12.97	H	3.0
7518.700000	51.41	---	74.00	22.59	H	3.0
9843.400000	50.69	---	74.00	23.31	H	5.9
9843.400000	---	45.58	54.00	8.42	H	5.9

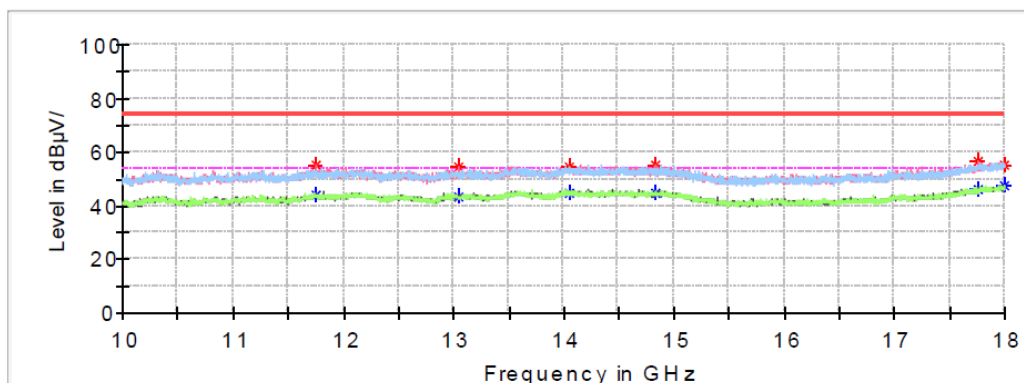
10GHz-18GHz:

Chain 0

802.11b Mode:**Low Channel: 2412MHz****Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11b mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8°C
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

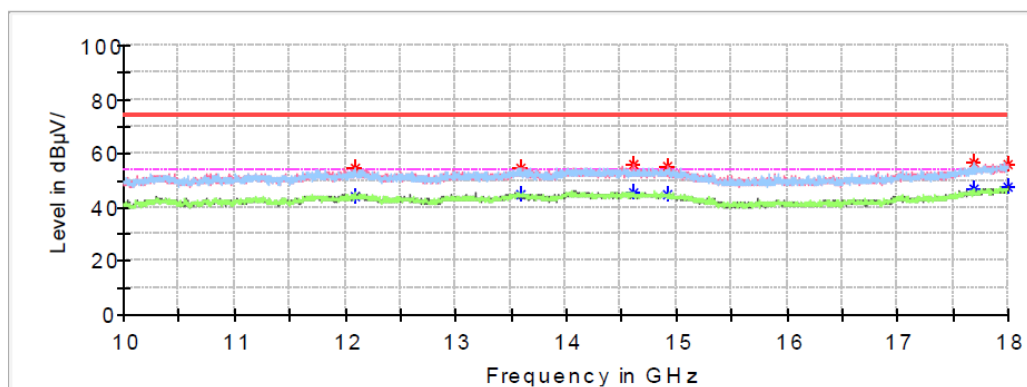
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11752.000000	---	43.86	54.00	10.14	V	8.6
11752.000000	55.15	---	74.00	18.85	V	8.6
13043.200000	---	43.45	54.00	10.55	V	8.8
13043.200000	54.64	---	74.00	19.36	V	8.8
14054.400000	---	44.50	54.00	9.50	V	10.7
14054.400000	54.44	---	74.00	19.56	V	10.7
14825.600000	---	44.68	54.00	9.32	V	10.0
14825.600000	55.41	---	74.00	18.59	V	10.0
17769.600000	56.57	---	74.00	17.43	H	12.4
17769.600000	---	46.24	54.00	7.76	H	12.4
17998.400000	55.45	---	74.00	18.55	H	13.8
17998.400000	---	47.87	54.00	6.13	H	13.8

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11b mode Middle Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 23.8℃
 Humidity: 50%
 Atmospheric Pressure: 102.3kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/5/10

Full Spectrum

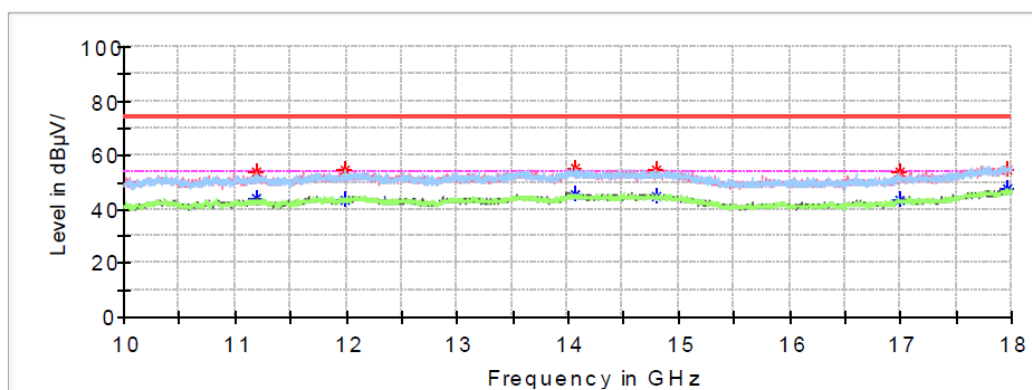
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12092.800000	---	44.03	54.00	9.97	H	9.0
12092.800000	54.63	---	74.00	19.37	H	9.0
13584.000000	---	44.73	54.00	9.27	H	9.8
13584.000000	54.62	---	74.00	19.38	H	9.8
14609.600000	55.61	---	74.00	18.39	H	10.7
14609.600000	---	45.32	54.00	8.68	H	10.7
14918.400000	---	45.07	54.00	8.93	V	9.7
14918.400000	55.35	---	74.00	18.65	V	9.7
17686.400000	---	47.03	54.00	6.97	H	11.9
17686.400000	56.55	---	74.00	17.45	H	11.9
17996.800000	---	47.71	54.00	6.29	V	13.8
17996.800000	56.08	---	74.00	17.92	V	13.8

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11b mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8°C
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

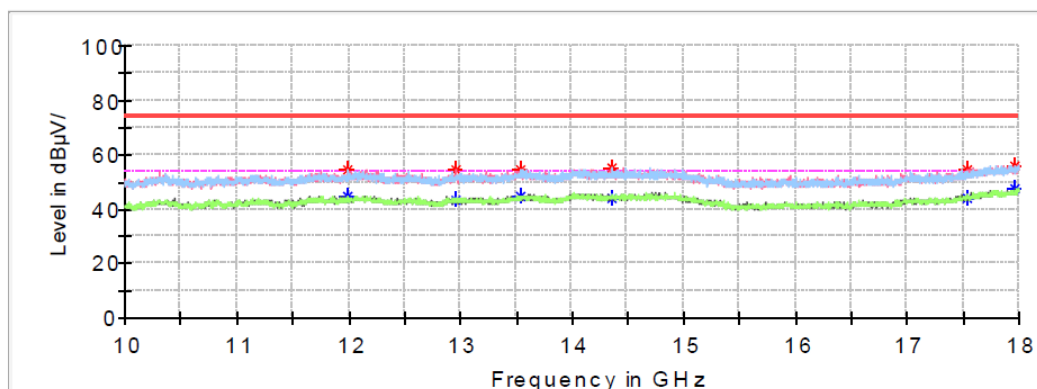
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11184.000000	54.18	---	74.00	19.82	V	7.3
11184.000000	---	43.82	54.00	10.18	V	7.3
11992.000000	54.42	---	74.00	19.58	H	9.0
11992.000000	---	43.60	54.00	10.40	H	9.0
14062.400000	55.19	---	74.00	18.81	V	10.7
14062.400000	---	45.60	54.00	8.40	V	10.7
14796.800000	54.84	---	74.00	19.16	V	10.1
14796.800000	---	44.49	54.00	9.51	V	10.1
16990.400000	53.91	---	74.00	20.09	V	9.5
16990.400000	---	43.38	54.00	10.62	V	9.5
17968.000000	54.68	---	74.00	19.32	H	13.6
17968.000000	---	47.67	54.00	6.33	H	13.6

802.11g Mode:**Low Channel: 2412MHz****Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8°C
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

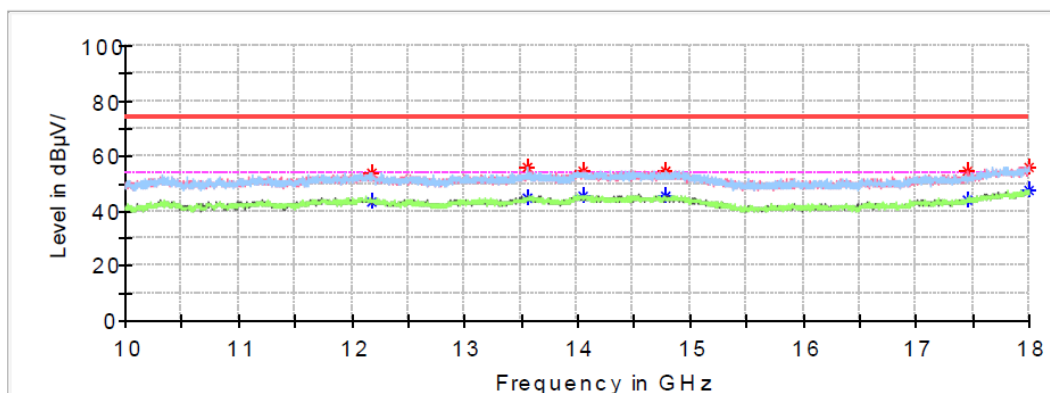
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11993.600000	54.59	---	74.00	19.41	V	9.0
11993.600000	---	44.42	54.00	9.58	V	9.0
12966.400000	---	43.08	54.00	10.92	V	8.7
12966.400000	54.24	---	74.00	19.76	V	8.7
13545.600000	---	44.54	54.00	9.46	V	9.7
13545.600000	54.86	---	74.00	19.14	V	9.7
14350.400000	---	44.05	54.00	9.95	V	11.0
14350.400000	55.42	---	74.00	18.58	V	11.0
17532.800000	---	44.33	54.00	9.67	H	11.0
17532.800000	54.60	---	74.00	19.40	H	11.0
17974.400000	55.60	---	74.00	18.40	H	13.7
17974.400000	---	47.79	54.00	6.21	H	13.7

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

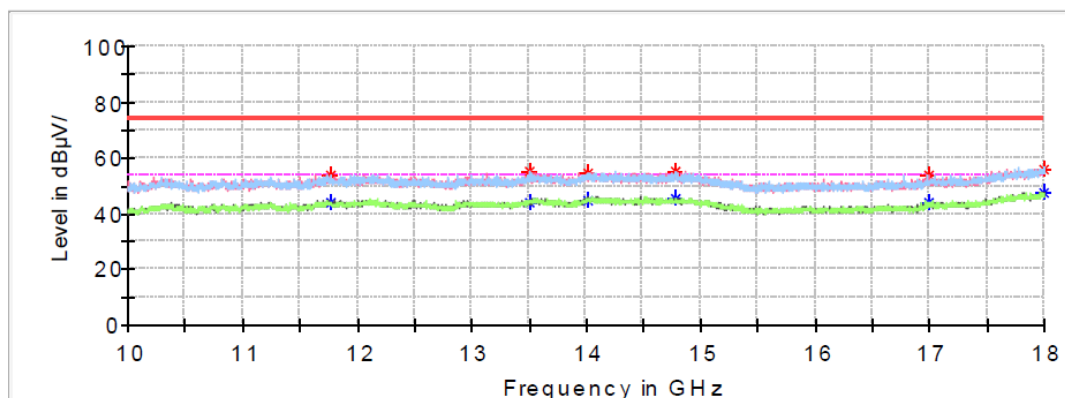
**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12180.800000	---	43.58	54.00	10.42	H	8.9
12180.800000	54.18	---	74.00	19.82	H	8.9
13561.600000	---	44.62	54.00	9.38	V	9.8
13561.600000	55.66	---	74.00	18.34	V	9.8
14043.200000	---	45.57	54.00	8.43	V	10.7
14043.200000	54.76	---	74.00	19.24	V	10.7
14777.600000	---	45.47	54.00	8.53	V	10.1
14777.600000	54.45	---	74.00	19.55	V	10.1
17462.400000	---	44.05	54.00	9.95	V	10.7
17462.400000	54.43	---	74.00	19.57	V	10.7
17996.800000	55.74	---	74.00	18.26	V	13.8
17996.800000	---	47.86	54.00	6.14	V	13.8

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

**Critical_Freqs**

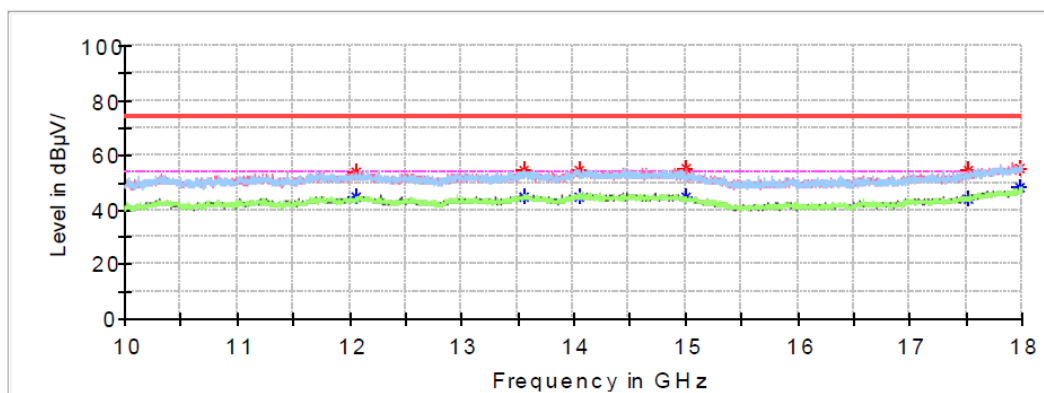
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11772.800000	---	44.03	54.00	9.97	H	8.6
11772.800000	54.00	---	74.00	20.00	H	8.6
13507.200000	---	44.34	54.00	9.66	H	9.7
13507.200000	55.00	---	74.00	19.00	H	9.7
14009.600000	---	45.10	54.00	8.90	H	10.6
14009.600000	54.77	---	74.00	19.23	H	10.6
14776.000000	---	45.18	54.00	8.82	H	10.1
14776.000000	55.27	---	74.00	18.73	H	10.1
17000.000000	---	44.29	54.00	9.71	V	9.5
17000.000000	53.80	---	74.00	20.20	V	9.5
17996.800000	55.62	---	74.00	18.38	V	13.8
17996.800000	---	47.75	54.00	6.25	V	13.8

Chain 1

802.11b Mode:**Low Channel: 2412MHz****Common Information**

Project No.:	RBJ260304001
EUT Model:	ZYCXD125M
Test Mode:	2.4G WIFI 802.11b mode Low Channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	23.8℃
Humidity:	50%
Atmospheric Pressure:	102.3kPa
Test Engineer:	Destine Hu
Check by:	Bard Liu
Test Date:	2026/5/10

Full Spectrum

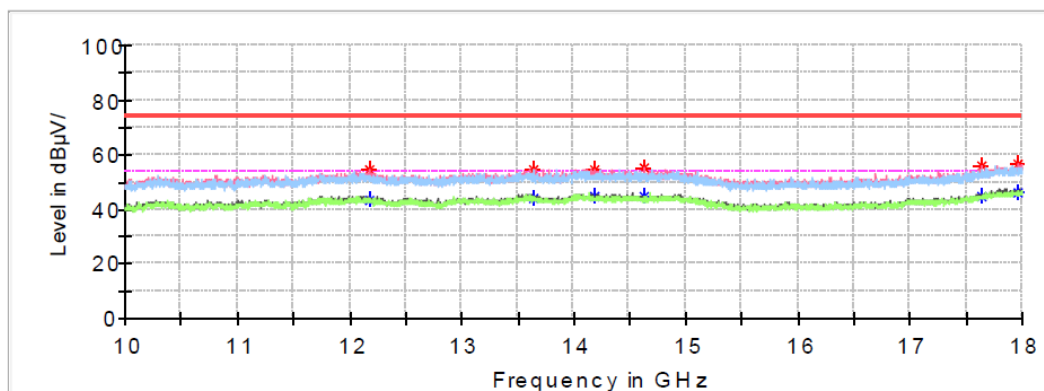
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12060.800000	---	44.89	54.00	9.11	V	9.0
12060.800000	54.03	---	74.00	19.97	V	9.0
13550.400000	---	44.85	54.00	9.15	H	9.7
13550.400000	54.82	---	74.00	19.18	H	9.7
14046.400000	---	44.89	54.00	9.11	H	10.7
14046.400000	54.84	---	74.00	19.16	H	10.7
15011.200000	55.59	---	74.00	18.41	V	9.3
15011.200000	---	44.58	54.00	9.42	V	9.3
17531.200000	---	44.40	54.00	9.60	V	11.0
17531.200000	54.86	---	74.00	19.14	V	11.0
17977.600000	55.13	---	74.00	18.87	V	13.7
17977.600000	---	48.08	54.00	5.92	V	13.7

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11b mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8°C
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

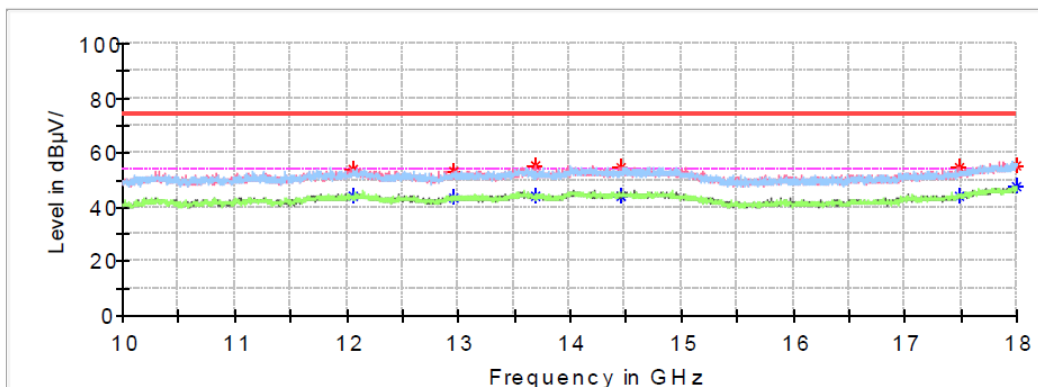
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12172.800000	---	43.56	54.00	10.44	V	8.9
12172.800000	54.46	---	74.00	19.54	V	8.9
13644.800000	---	43.99	54.00	10.01	H	9.9
13644.800000	54.42	---	74.00	19.58	H	9.9
14193.600000	---	44.75	54.00	9.25	V	10.8
14193.600000	54.85	---	74.00	19.15	V	10.8
14625.600000	---	44.54	54.00	9.46	V	10.7
14625.600000	55.27	---	74.00	18.73	V	10.7
17648.000000	---	44.96	54.00	9.04	V	11.7
17648.000000	55.79	---	74.00	18.21	V	11.7
17971.200000	---	45.86	54.00	8.14	V	13.7
17971.200000	56.82	---	74.00	17.18	V	13.7

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11b mode High Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 23.8℃
 Humidity: 50%
 Atmospheric Pressure: 102.3kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/5/10

Full Spectrum

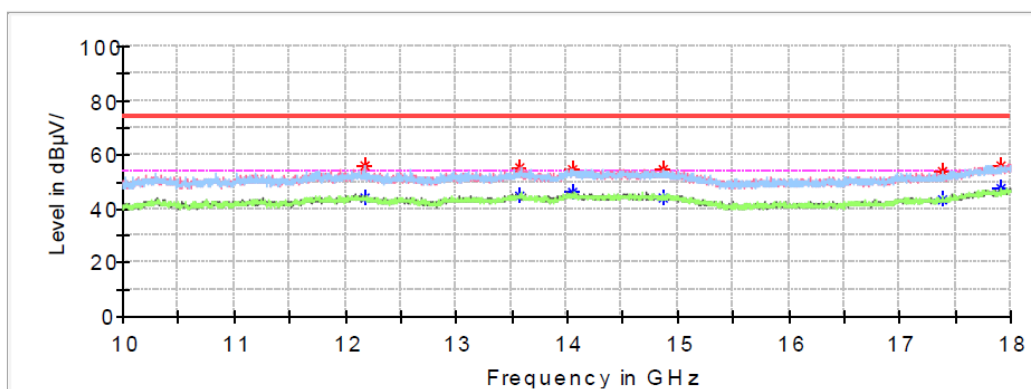
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12065.600000	54.03	---	74.00	19.97	V	9.0
12065.600000	---	44.04	54.00	9.96	V	9.0
12969.600000	---	43.30	54.00	10.70	V	8.7
12969.600000	53.44	---	74.00	20.56	V	8.7
13686.400000	55.01	---	74.00	18.99	V	10.0
13686.400000	---	43.97	54.00	10.03	V	10.0
14452.800000	54.69	---	74.00	19.31	V	11.1
14452.800000	---	44.38	54.00	9.62	V	11.1
17488.000000	---	44.35	54.00	9.65	H	10.7
17488.000000	54.20	---	74.00	19.80	H	10.7
17998.400000	54.93	---	74.00	19.07	H	13.8
17998.400000	---	47.56	54.00	6.44	H	13.8

802.11g Mode:**Low Channel: 2412MHz****Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

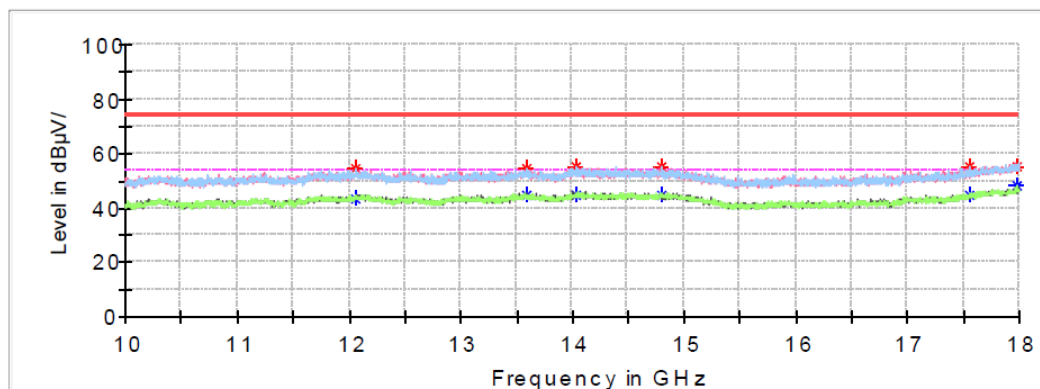
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12172.800000	---	44.08	54.00	9.92	H	8.9
12172.800000	55.88	---	74.00	18.12	H	8.9
13566.400000	55.34	---	74.00	18.66	H	9.8
13566.400000	---	45.05	54.00	8.95	H	9.8
14057.600000	---	45.81	54.00	8.19	V	10.7
14057.600000	54.73	---	74.00	19.27	V	10.7
14867.200000	54.89	---	74.00	19.11	V	9.8
14867.200000	---	44.35	54.00	9.65	V	9.8
17388.800000	---	43.28	54.00	10.72	H	10.5
17388.800000	54.09	---	74.00	19.91	H	10.5
17913.600000	55.73	---	74.00	18.27	H	13.3
17913.600000	---	47.72	54.00	6.28	H	13.3

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11g mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

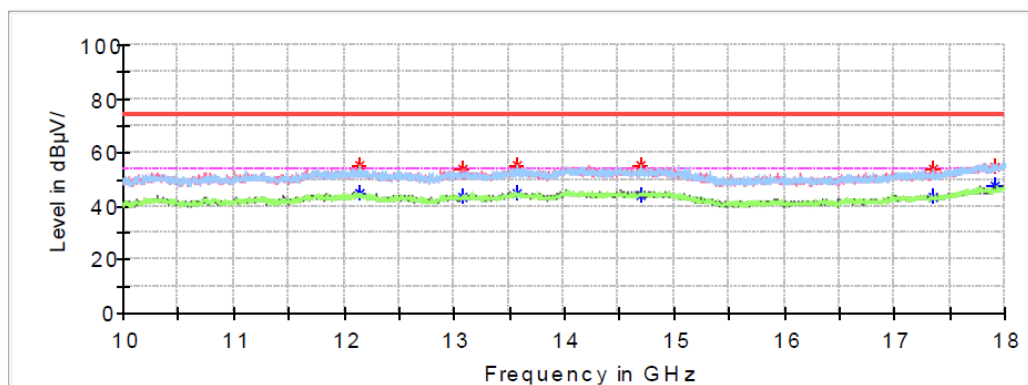
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12059.200000	---	43.70	54.00	10.30	V	9.0
12059.200000	54.39	---	74.00	19.61	V	9.0
13592.000000	---	44.58	54.00	9.42	V	9.8
13592.000000	54.59	---	74.00	19.41	V	9.8
14027.200000	---	45.00	54.00	9.00	H	10.7
14027.200000	55.00	---	74.00	19.00	H	10.7
14804.800000	---	44.83	54.00	9.17	H	10.0
14804.800000	55.18	---	74.00	18.82	H	10.0
17555.200000	---	44.59	54.00	9.41	H	11.1
17555.200000	55.46	---	74.00	18.54	H	11.1
17977.600000	55.15	---	74.00	18.85	H	13.7
17977.600000	---	48.07	54.00	5.93	H	13.7

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11g mode High Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 23.8℃
 Humidity: 50%
 Atmospheric Pressure: 102.3kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/5/10

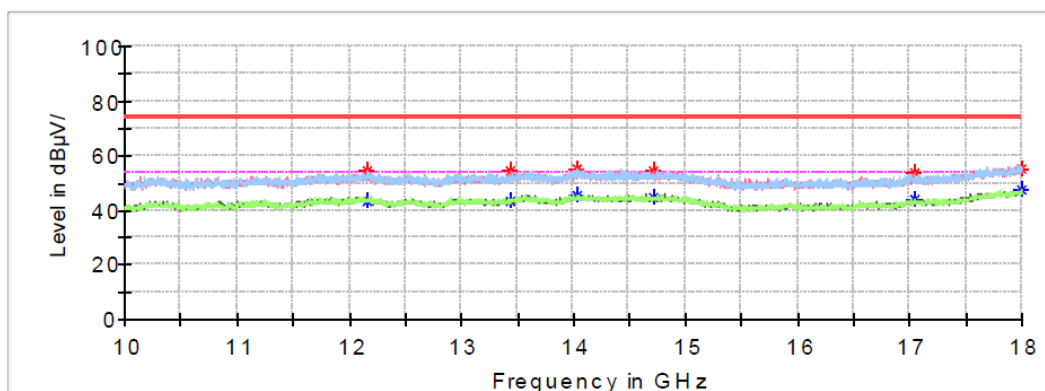
Full Spectrum

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12137.600000	---	44.92	54.00	9.08	H	9.0
12137.600000	54.91	---	74.00	19.09	H	9.0
13078.400000	---	43.18	54.00	10.82	V	8.9
13078.400000	53.86	---	74.00	20.14	V	8.9
13576.000000	---	44.73	54.00	9.27	V	9.8
13576.000000	55.10	---	74.00	18.90	V	9.8
14702.400000	---	44.39	54.00	9.61	H	10.4
14702.400000	55.02	---	74.00	18.98	H	10.4
17350.400000	---	43.53	54.00	10.47	H	10.4
17350.400000	53.87	---	74.00	20.13	H	10.4
17921.600000	54.49	---	74.00	19.51	H	13.4
17921.600000	---	47.56	54.00	6.44	H	13.4

MIMO (Chain 0+chain 1):**802.11n-HT20 Mode :****Low Channel: 2412MHz****Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n20 mode Low Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8°C
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

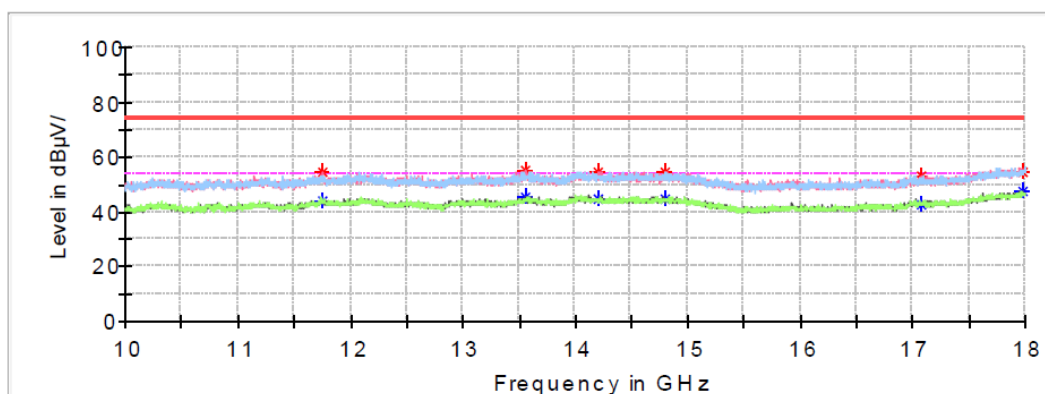
Full Spectrum**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB µ V/m)	Average (dB µ V/m)	Limit (dB µ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12155.200000	---	43.49	54.00	10.51	V	8.9
12155.200000	54.20	---	74.00	19.80	V	8.9
13443.200000	---	43.64	54.00	10.36	V	9.5
13443.200000	54.61	---	74.00	19.39	V	9.5
14040.000000	55.04	---	74.00	18.96	H	10.7
14040.000000	---	45.19	54.00	8.81	H	10.7
14707.200000	54.73	---	74.00	19.27	V	10.4
14707.200000	---	44.71	54.00	9.29	V	10.4
17041.600000	---	44.08	54.00	9.92	V	9.6
17041.600000	53.62	---	74.00	20.38	V	9.6
17996.800000	---	47.73	54.00	6.27	H	13.8
17996.800000	55.40	---	74.00	18.60	H	13.8

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n20 mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

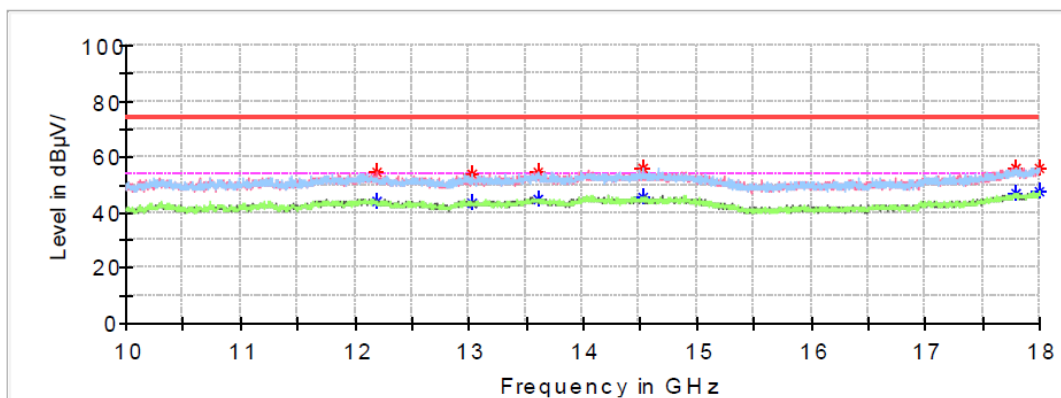
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
11745.600000	54.21	---	74.00	19.79	V	8.6
11745.600000	---	43.80	54.00	10.20	V	8.6
13564.800000	55.58	---	74.00	18.42	V	9.8
13564.800000	---	45.52	54.00	8.48	V	9.8
14201.600000	---	44.49	54.00	9.51	V	10.8
14201.600000	54.65	---	74.00	19.35	V	10.8
14808.000000	54.79	---	74.00	19.21	V	10.0
14808.000000	---	44.83	54.00	9.17	V	10.0
17073.600000	53.49	---	74.00	20.51	H	9.7
17073.600000	---	42.77	54.00	11.23	H	9.7
17988.800000	---	47.48	54.00	6.52	H	13.8
17988.800000	54.73	---	74.00	19.27	H	13.8

High Channel: 2462MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n20 mode High Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

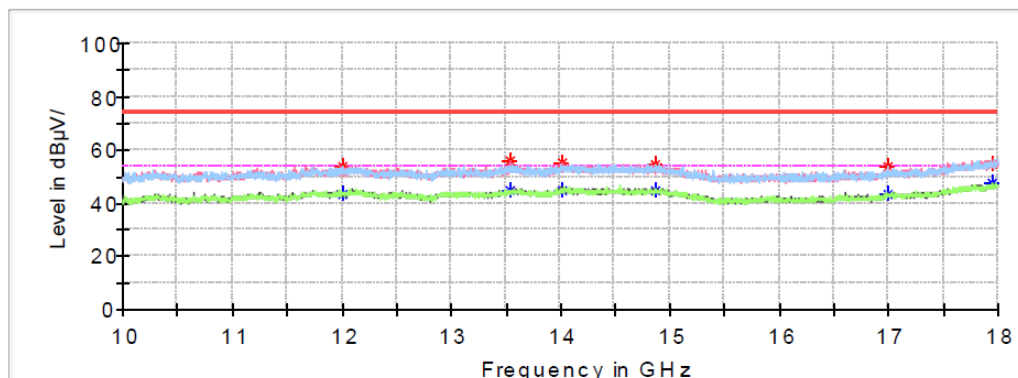
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12196.800000	---	43.76	54.00	10.24	V	8.9
12196.800000	54.43	---	74.00	19.57	V	8.9
13035.200000	---	43.37	54.00	10.63	V	8.8
13035.200000	53.84	---	74.00	20.16	V	8.8
13616.000000	---	44.43	54.00	9.57	H	9.9
13616.000000	54.49	---	74.00	19.51	H	9.9
14528.000000	---	45.25	54.00	8.75	H	11.0
14528.000000	56.25	---	74.00	17.75	H	11.0
17792.000000	---	46.52	54.00	7.48	H	12.6
17792.000000	56.26	---	74.00	17.74	H	12.6
17998.400000	---	47.38	54.00	6.62	V	13.8
17998.400000	55.61	---	74.00	18.39	V	13.8

802.11n-HT40 Mode :**Low Channel: 2422MHz****Common Information**

Project No.: RBJ260304001
 EUT Model: ZYCXD125M
 Test Mode: 2.4G WIFI 802.11n40 mode Low Channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 23.8℃
 Humidity: 50%
 Atmospheric Pressure: 102.3kPa
 Test Engineer: Destine Hu
 Check by: Bard Liu
 Test Date: 2026/5/10

Full Spectrum

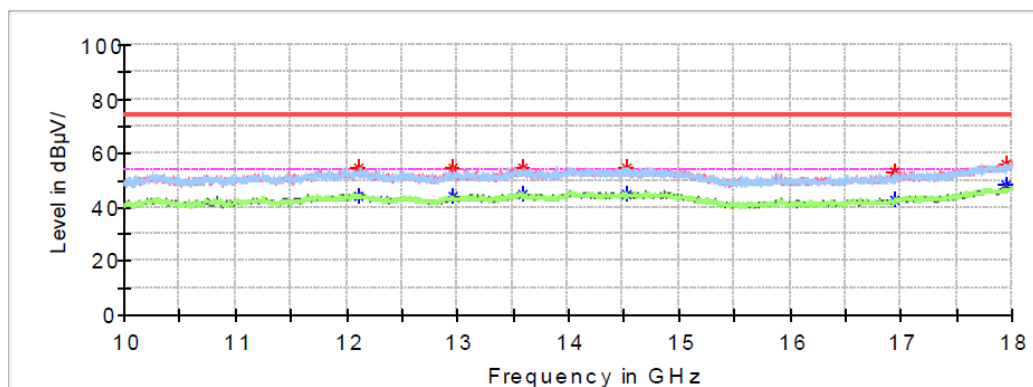
**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12012.800000	---	43.51	54.00	10.49	V	9.0
12012.800000	54.11	---	74.00	19.89	V	9.0
13545.600000	55.66	---	74.00	18.34	V	9.7
13545.600000	---	44.69	54.00	9.31	V	9.7
14011.200000	---	44.44	54.00	9.56	V	10.7
14011.200000	55.27	---	74.00	18.73	V	10.7
14862.400000	54.76	---	74.00	19.24	H	9.8
14862.400000	---	44.46	54.00	9.54	H	9.8
17001.600000	53.87	---	74.00	20.13	H	9.5
17001.600000	---	43.20	54.00	10.80	H	9.5
17950.400000	---	47.38	54.00	6.62	V	13.5
17950.400000	54.85	---	74.00	19.15	V	13.5

Middle Channel: 2437MHz**Common Information**

Project No.: RBJ260304001
EUT Model: ZYCXD125M
Test Mode: 2.4G WIFI 802.11n40 mode Middle Channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 23.8℃
Humidity: 50%
Atmospheric Pressure: 102.3kPa
Test Engineer: Destine Hu
Check by: Bard Liu
Test Date: 2026/5/10

Full Spectrum

**Critical Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
12118.400000	54.72	---	74.00	19.28	H	9.0
12118.400000	---	44.22	54.00	9.78	H	9.0
12960.000000	---	43.86	54.00	10.14	V	8.7
12960.000000	54.53	---	74.00	19.47	V	8.7
13584.000000	---	44.99	54.00	9.01	V	9.8
13584.000000	54.89	---	74.00	19.11	V	9.8
14528.000000	---	45.05	54.00	8.95	V	11.0
14528.000000	54.70	---	74.00	19.30	V	11.0
16942.400000	---	42.70	54.00	11.30	V	9.3
16942.400000	53.00	---	74.00	21.00	V	9.3
17952.000000	---	47.96	54.00	6.04	V	13.5
17952.000000	55.74	---	74.00	18.26	V	13.5