

**FCC PART 15.247
TEST REPORT**

For

Zhishen Xinchuang (Suzhou) Intelligent Technology Co., Ltd.

Floor 5, Building 3, No. 58 Nanhu Road, Chengnan Street, Wuzhong District, Suzhou City,
Jiangsu Province, China

FCC ID: 2BVPE-ZSM1

Report Type: Original Report	Product Name: Bionic Quadruped Robot
Report Number: RBJ260414001-00C	
Report Date: 2026-07-08	
Reviewed By: Jenny Yang	<i>Jenny Yang</i>
Approved By: Kyle Xu	<i>Kyle Xu</i>
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	

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Kunshan). This report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, or any agency of the U.S. Government.

TABLE OF CONTENTS

REPORT REVISION HISTORY.....	4
GENERAL INFORMATION.....	5
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	5
OBJECTIVE	5
TEST METHODOLOGY	5
MEASUREMENT UNCERTAINTY	6
TEST FACILITY	6
SYSTEM TEST CONFIGURATION.....	7
DESCRIPTION OF TEST CONFIGURATION	7
EUT EXERCISE SOFTWARE	8
SPECIAL ACCESSORIES	8
EQUIPMENT MODIFICATIONS	8
SUPPORT EQUIPMENT LIST AND DETAILS	8
EXTERNAL I/O CABLE.....	8
BLOCK DIAGRAM OF TEST SETUP	9
SUMMARY OF TEST RESULTS.....	10
TEST EQUIPMENT LIST	11
FCC §1.1310 & §2.1091 - MAXIMUM PERMISSIBLE EXPOSURE (MPE).....	13
APPLICABLE STANDARD	13
FCC §15.203 – ANTENNA REQUIREMENT	15
APPLICABLE STANDARD	15
ANTENNA CONNECTOR CONSTRUCTION	15
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS.....	16
APPLICABLE STANDARD	16
TEST SYSTEM SETUP.....	16
EMI TEST RECEIVER SETUP.....	17
TEST PROCEDURE	17
TEST RESULTS SUMMARY	18
TEST DATA: SEE APPENDIX	18
FCC §15.247(a) (1)-CHANNEL SEPARATION TEST	19
APPLICABLE STANDARD	19
TEST PROCEDURE	19
TEST DATD: SEE APPENDIX	19
FCC §15.247(a) (1) – 20 dB EMISSION BANDWIDTH.....	20
APPLICABLE STANDARD	20
TEST PROCEDURE	20
TEST DATD: SEE APPENDIX	20
FCC §15.247(a) (1) (iii)-QUANTITY OF HOPPING CHANNEL TEST	21
APPLICABLE STANDARD	21
TEST PROCEDURE	21
TEST DATD: SEE APPENDIX	21
FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME).....	22
APPLICABLE STANDARD	22
TEST PROCEDURE	22
TEST DATD: SEE APPENDIX	22

FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT	23
APPLICABLE STANDARD	23
TEST PROCEDURE	23
TEST DATD: SEE APPENDIX	23
FCC §15.247(d) - BAND EDGES & CONDUCTED SPURIOUS EMISSION	24
APPLICABLE STANDARD	24
TEST PROCEDURE	24
TEST DATD: SEE APPENDIX	25
APPENDIX - TEST DATA.....	26
RADIATED EMISSIONS & RESTRICTED BANDS EMISSIONS	26
CHANNEL SEPARATION TEST	46
20 dB BANDWIDTH TEST	48
QUANTITY OF HOPPING CHANNEL TEST	51
TIME OF OCCUPANCY (DWELL TIME).....	53
PEAK OUTPUT POWER MEASUREMENT	58
BAND EDGES.....	61
CONDUCTED SPURIOUS EMISSION	64
EUT PHOTOGRAPHS	67
TEST SETUP PHOTOGRAPHS	68

REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	RBJ260414001-00C	R1V1	2026-07-08	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	Zhishen Xinchuang (Suzhou) Intelligent Technology Co., Ltd.
Tested Model:	ZSM-1
Product Name:	Bionic Quadruped Robot
Power Supply:	DC 54V from battery
Maximum Output Power:	GFSK: 4.86 dBm $\pi/4$ -DQPSK: 7.41 dBm 8DPSK: 7.62 dBm
RF Function:	Classic BT
Operating Band/Frequency:	2402-2480 MHz
Channel Number:	79
Channel Separation:	1 MHz
Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Antenna Type	FPC Antenna
★Maximum Antenna Gain:	4.4 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

All measurement and test data in this report was gathered from production sample serial number: RBJ260414001-1 (Assigned by the BACL (Kunshan). The EUT supplied by the applicant was received on 2026-04-14.)

Objective

This test report is prepared for *Zhishen Xinchuang (Suzhou) Intelligent 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 Compliance with FCC Part 15, Subpart C, 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, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices and 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)	Channel	Frequency (MHz)
0	2402	27	2429	54	2456
1	2403	28	2430	55	2457
2	2404	29	2431	56	2458
3	2405	30	2432	57	2459
4	2406	31	2433	58	2460
5	2407	32	2434	59	2461
6	2408	33	2435	60	2462
7	2409	34	2436	61	2463
8	2410	35	2437	62	2464
9	2411	36	2438	63	2465
10	2412	37	2439	64	2466
11	2413	38	2440	65	2467
12	2414	39	2441	66	2468
13	2415	40	2442	67	2469
14	2416	41	2443	68	2470
15	2417	42	2444	69	2471
16	2418	43	2445	70	2472
17	2419	44	2446	71	2473
18	2420	45	2447	72	2474
19	2421	46	2448	73	2475
20	2422	47	2449	74	2476
21	2423	48	2450	75	2477
22	2424	49	2451	76	2478
23	2425	50	2452	77	2479
24	2426	51	2453	78	2480
25	2427	52	2454	/	/
26	2428	53	2455	/	/

EUT was tested with Channel 0, 39 and 78.

EUT Exercise Software

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

RF Test Tool: adb

★Power level: Default

Note: The power level was declared by the applicant.

Special Accessories

No special accessory.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

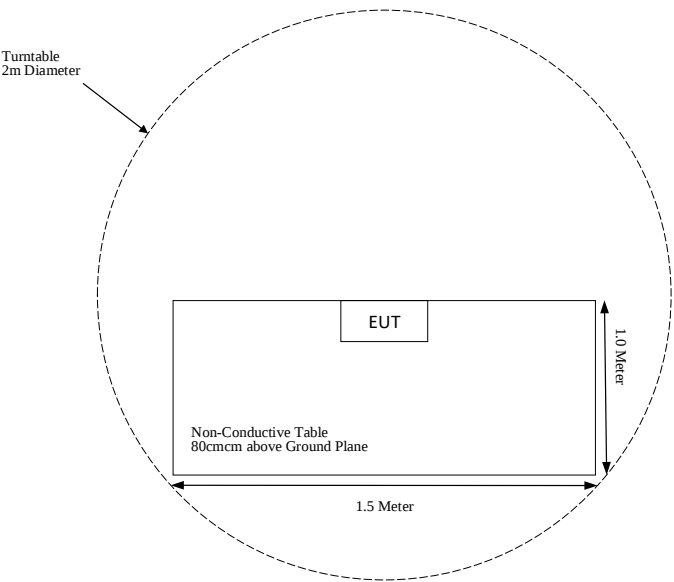
Manufacturer	Description	Model	Serial Number
/	/	/	/

External I/O Cable

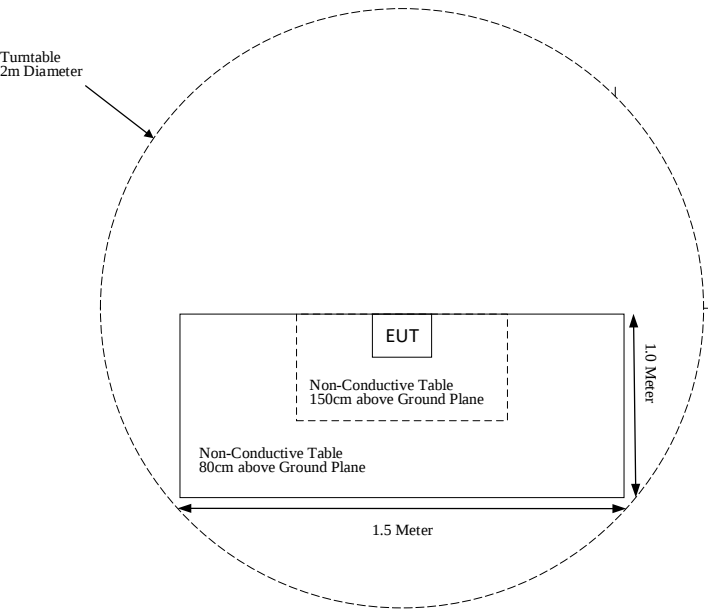
Cable Description	Length (m)	From Port	To Port
/	/	/	/

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
§1.1307(b)(1)& §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)	Radiated Emissions & Restricted Bands Emissions	Compliant
§15.247(a)(1)	20 dB Emission Bandwidth	Compliant
§15.247(a)(1)	Channel Separation Test	Compliant
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliant
§15.247(a)(1)(iii)	Quantity of hopping channel Test	Compliant
§15.247(b)(1)	Peak Output Power Measurement	Compliant
§15.247(d)	Band edges & Conducted Spurious Emission	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	2026-03-13	2027-03-12
Sunol Sciences	Broadband Antenna	JB3	A090314-2	2024-10-29	2027-10-28
Narda	6dB Attenuator	771-6	10690812-2-1	2024-10-29	2027-10-28
BACL	Active Loop Antenna	1313-1A	4041511	2025-08-10	2028-08-09
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	2026-03-13	2027-03-12
MICRO-COAX	Coaxial Cable	Cable-9	009	2026-03-13	2027-03-12
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	2026-03-16	2027-03-15
EMCO	Horn Antenna	3115	9207-3900	2024-11-03	2027-11-02
ETS-LINDGREN	Horn Antenna	3115	9311-4159	2023-12-02	2026-12-01
A.H.Systems, inc	Amplifier	PAM-0118P	512	2026-03-16	2027-03-15
SELECTOR	Amplifier	EM18G40G	060726	2026-03-16	2027-03-15
MICRO-TRONICS	Band Reject Filter	BRM50702	G024	2026-03-16	2027-03-15
Narda	Attenuator	10dB	010	2026-03-16	2027-03-15
Rohde & Schwarz	Auto test Software	EMC32	100361	N/A	N/A
MICRO-COAX	Coaxial Cable	Cable-25	025	2026-03-12	2027-03-11
MICRO-COAX	Coaxial Cable	Cable-11	011	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-12	012	2026-03-16	2027-03-15
MICRO-COAX	Coaxial Cable	Cable-13	013	2026-03-16	2027-03-15

RF Conducted Test					
Rohde & Schwarz	Signal Analyzer	FSU26	101116	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

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)	MPE ratio
		(dBi)	(numeric)	(dBm)	(mW)				
2.4G WiFi	2412-2462	4.4	2.75	24	251.19	20	0.1374	1.0	0.1374
5G WiFi	5150-5250	3.8	2.40	20	100.00	20	0.0477	1.0	0.0477
	5250-5350	4.0	2.51	18.5	70.79	20	0.0353	1.0	0.0353
	5470-5725	5.0	3.16	15	31.62	20	0.0199	1.0	0.0199
	5725-5850	5.5	3.55	21	125.89	20	0.0889	1.0	0.0889
2.4G SRD	2411-2466	3.6	2.29	22	158.49	20	0.0722	1.0	0.0722
5.8G SRD	5730-5840	5.2	3.31	8.5	7.08	20	0.0047	1.0	0.0047
Classic BT	2402-2480	4.4	2.75	8	6.31	20	0.0035	1.0	0.0035

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

$$\sum_i \frac{S_i}{S_{Limit,i}} = 0.1374 + 0.0722 + 0.0035 = 0.2131 < 1.0$$

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

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 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.

Antenna Connector Construction

The EUT have an FPC antenna which permanently attached to the unit. Fulfill the requirement of this section. Please refer to the EUT photos.

Result: Compliant.

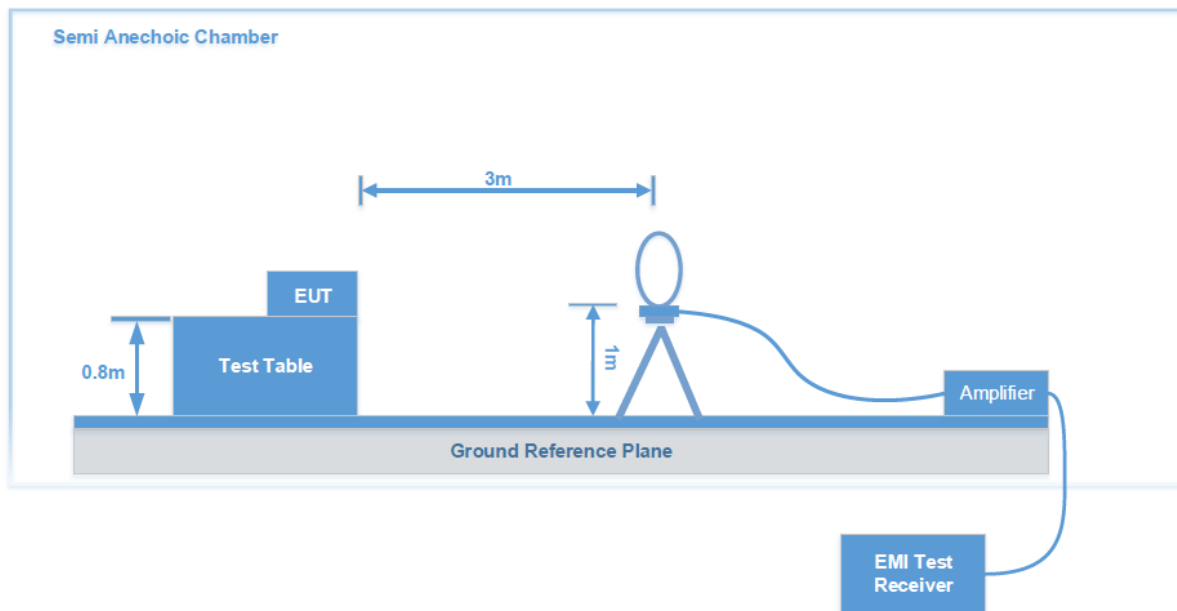
FCC §15.205, §15.209 & §15.247(d) – RADIATED EMISSIONS

Applicable Standard

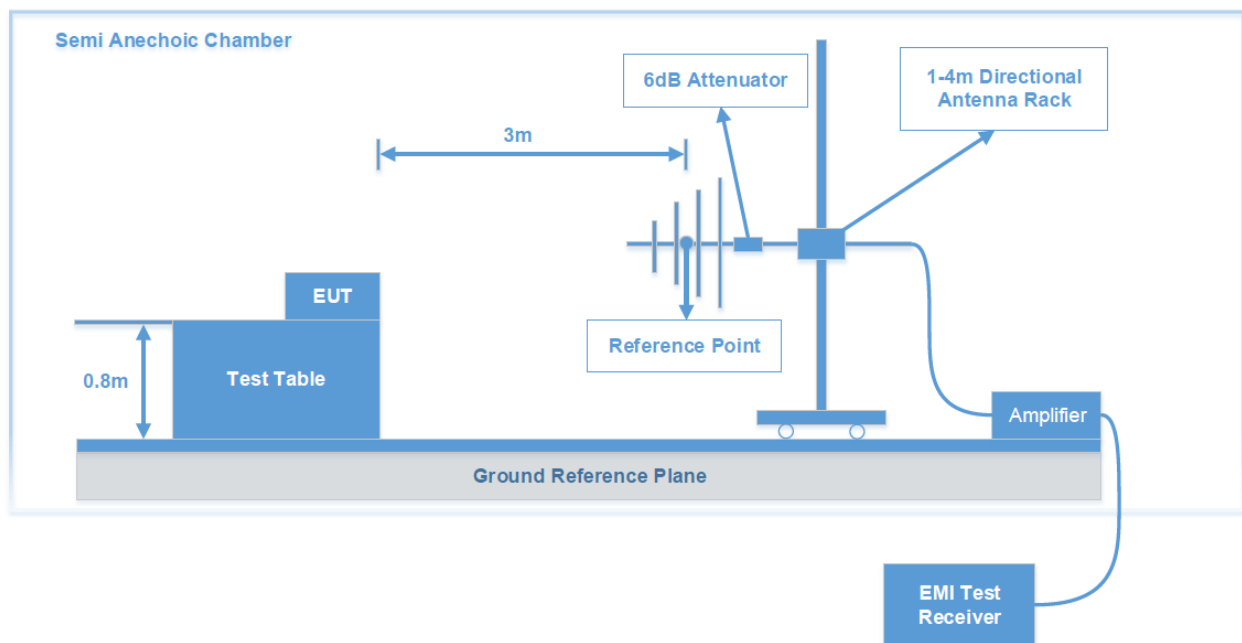
FCC §15.205; §15.209; §15.247(d)

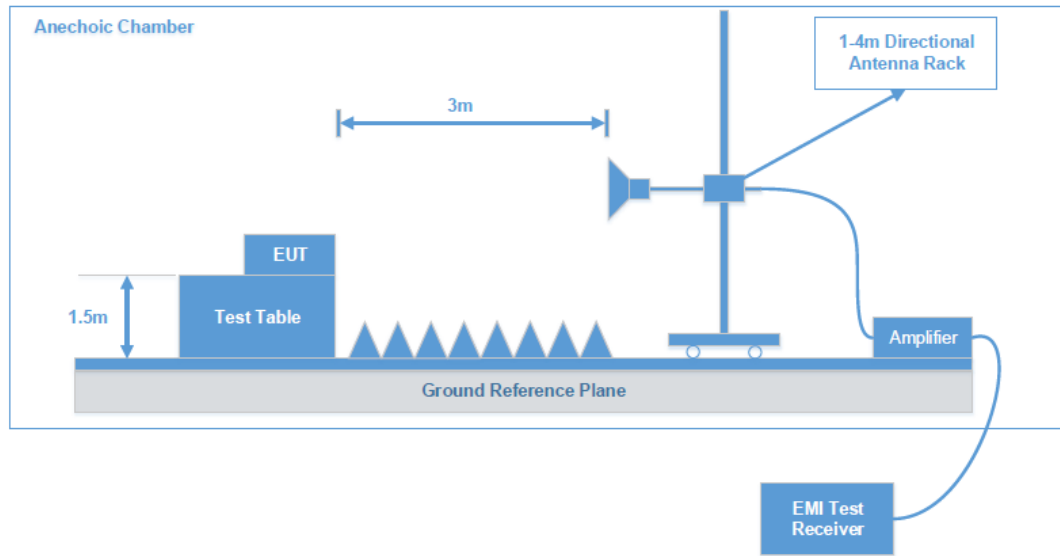
Test System Setup

9 kHz - 30 MHz:



30 MHz - 1 GHz:



Above 1 GHz:

The radiated emission tests were performed in the 3 meters, 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	Peak/QP
150 kHz - 30 MHz	9 kHz	30 kHz	9 kHz	Peak/QP	Peak/QP
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.

Data was recorded in Quasi-peak detection mode for frequency range of 9 kHz -1 GHz, except 9-90 kHz, 110-490 kHz, employing an average detector, peak and Average detection modes for frequencies above 1 GHz.

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 (dB μ V/m) = Meter Reading (dB μ V) + 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 (dB μ V/m) – Corrected Amplitude (dB μ V/m)

Note: The QuasiPeak (dB μ V/m), MaxPeak (dB μ V/m), Average (dB μ V/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, Subpart C, section 15.205, 15.209 and 15.247.

Test Data: See Appendix

FCC §15.247(a) (1)-CHANNEL SEPARATION TEST

Applicable Standard

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater provided the systems operate with an output power no greater than 125 mW.

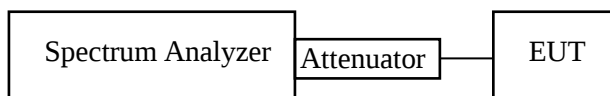
Test Procedure

According to ANSI C63.10a-2024 sub-clause 7.8.2

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- Span: Wide enough to capture the peaks of two adjacent channels.
- RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
- Video (or average) bandwidth (VBW) $\geq 1/10^{\text{th}}$ the RBW.
- Sweep: No faster than coupled (auto) time.
- Detector function: Peak.
- Trace: Max hold.
- Allow the trace to stabilize.

Use the marker-delta function to determine the separation between the peaks of the adjacent channels.



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

Test Datd: See Appendix

FCC §15.247(a) (1) – 20 dB EMISSION BANDWIDTH

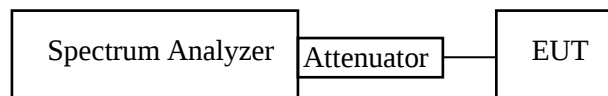
Applicable Standard

Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Test Procedure

According to ANSI C63.10-2020 sub-clause 6.9.2

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 it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.
4. Repeat above procedures until all frequencies measured were complete.



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

Test Datd: See Appendix

FCC §15.247(a) (1) (iii)-QUANTITY OF HOPPING CHANNEL TEST

Applicable Standard

Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

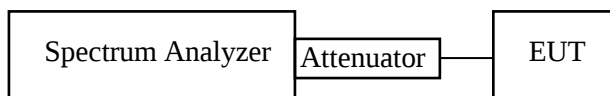
Test Procedure

According to ANSI C63.10a-2024 sub-clause 7.8.3

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- a. Span: The frequency band of operation. Depending on the number of channels the device supports, it may be necessary to divide the frequency range of operation across multiple spans, to allow the individual channels to be clearly seen.
- b. RBW: To identify clearly the individual channels, set the RBW to less than 30% of the channel spacing or the 20 dB bandwidth, whichever is smaller.
- c. VBW $\geq 1/10^{\text{th}}$ the RBW.
- d. Sweep: Auto.
- e. Detector function: Peak.
- f. Trace: Max hold.
- g. Allow the trace to stabilize.

It might prove necessary to break the span up into subranges to show clearly all of the hopping frequencies.



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

Test Datd: See Appendix

FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME)

Applicable Standard

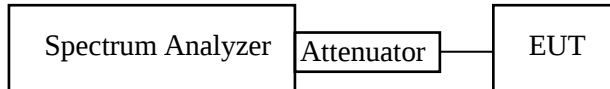
Frequency hopping systems in the 2400-2483.5 MHz shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Test Procedure

According to ANSI C63.10-2020 sub-clause 7.8.4

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

- a. Span: Zero span, centered on a hopping channel.
- b. RBW shall be $\leq$ channel spacing and where possible RBW should be set $\geq 1 / T$, where T is the expected dwell time per channel.
- c. Sweep: As necessary to capture the entire dwell time per hopping channel; where possible use a video trigger and trigger delay so that the transmitted signal starts a little to the right of the start of the plot. The trigger level might need slight adjustment to prevent triggering when the system hops on an adjacent channel; a second plot might be needed with a longer sweep time to show two successive hops on a channel.
- d. Detector function: Peak.
- e. Trace: Max hold.



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

Test Datd: See Appendix

FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT

Applicable Standard

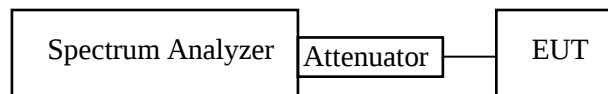
According to §15.247(b) (1), for frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725–5850 MHz band: 1 watt. And for all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125 watts.

Test Procedure

According to ANSI C63.10-2020 sub-clause 7.8.5

a. Use the following spectrum analyzer settings:

- 1) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.
 - 2) RBW > 20 dB bandwidth of the emission being measured.
 - 3) VBW $\geq$ RBW.
 - 4) Sweep: Auto.
 - 5) Detector function: Peak.
 - 6) Trace: Max hold.
- b. Allow trace to stabilize.
- c. Use the marker-to-peak function to set the marker to the peak of the emission.
- d. The indicated level is the peak output power, after any corrections for external attenuators and cables.
- e. A plot of the test results and setup description shall be included in the test report.



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

Test Datd: See Appendix

FCC §15.247(d) - BAND EDGES & CONDUCTED SPURIOUS EMISSION

Band Edges

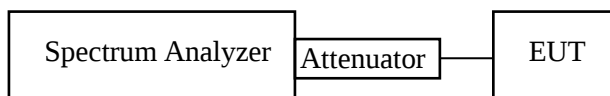
Applicable Standard

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 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 sub-clause 7.8.7

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Remove the antenna from the EUT and then connect to a low loss RF cable from the antenna port to a EMI test receiver, then turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW of spectrum analyzer to 100 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)).

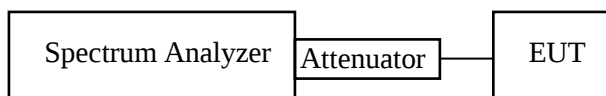
Test Procedure

Test Method: ANSI C63.10-2020 Clause 7.8.7.1

To demonstrate compliance with the relative out-of-band emissions requirements conducted spurious emissions shall be measured for the transmit frequencies, per 5.5 and 5.6, and at the maximum transmit powers. Frequency hopping shall be disabled for this test with the exception of measurements at the allocated band-edges which shall be repeated with hopping enabled.

Connect the primary antenna port through an attenuator to the spectrum analyzer input; in the results, account for all losses between the unlicensed wireless device output and the spectrum analyzer. The frequency range of testing shall span 30 MHz to 10 times the operating frequency and this may be done in a single sweep or, to aid resolution, across a number of sweeps. The resolution bandwidth shall be 100 kHz, video bandwidth 300 kHz, and a coupled sweep time with a peak detector.

The limit is based on the highest in-band level across all channels measured using the same instrument settings (resolution bandwidth of 100 kHz, video bandwidth of 300 kHz, and a coupled sweep time with a peak detector). To help clearly demonstrate compliance a display line may be set at the required offset (typically 20 dB) below the highest in-band level. Where the highest in-band level is not clearly identified in the out-of-band measurements a separate spectral plot showing the in-band level shall be provided.



Note: Offset (13dB) = Attenuator (10dB) + Cable Loss (3.0dB)

Test Datd: See Appendix

APPENDIX - TEST DATA

RADIATED EMISSIONS & RESTRICTED BANDS EMISSIONS

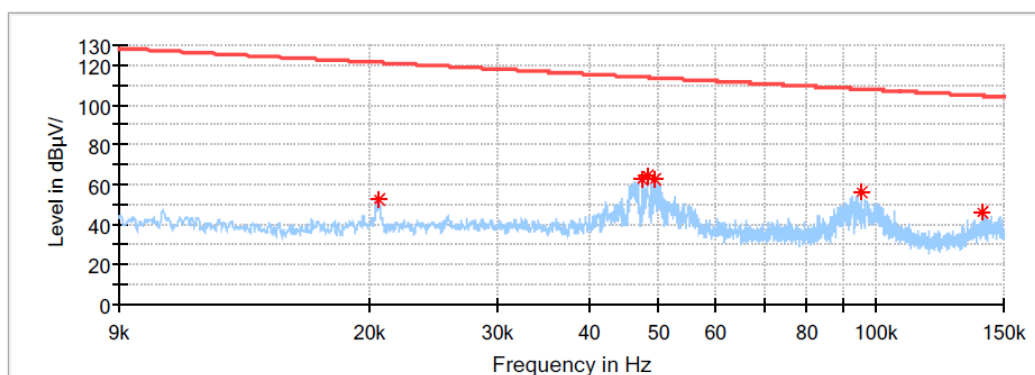
Environmental Conditions & Test Information

Test Item:	SPURIOUS EMISSIONS			
	9kHz – 30MHz	30MHz - 1GHz	1 GHz - 18 GHz	18 GHz - 25 GHz
Test Date:	2026-05-08	2026-04-29	2026-05-19	2026-05-21
Temperature:	24.3 °C	23.3 °C	24.3°C	21.5°C
Relative Humidity:	55 %	54 %	54 %	49%
ATM Pressure:	101.4 kPa	102.4 kPa	101.1 kPa	100.8kPa
Test Result:	Pass	Pass	Pass	Pass
Test Engineer:	Scarf Yang	Scarf Yang	Destine Hu	Hugh Wu

EUT operation mode: Transmitting

9kHz-150kHz Transmitting in 8DPSK Mode low channel (maximum output power mode):**Parallel(worst case)****Low Channel: 2402 MHz****Common Information**

Project No:	RBJ260414001
EUT Model:	ZSM-1
Test Mode:	Transmitting in 3DH1 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 Hz, VBW: 1 kHz, Sweep Time: Auto
Temperature:	24.3°C
Humidity:	55%
Barometric Pressure:	102.4kPa
Test Engineer:	Scarf Yang
Check by:	Jenny Yang
Test Date:	2026/5/8

**Critical_Freqs**

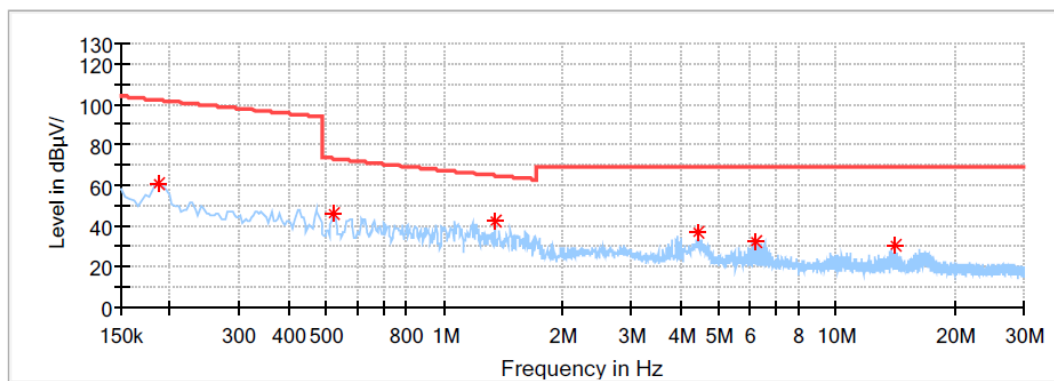
Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.020580	52.32	121.33	69.01	Parallel	-0.1
0.047581	63.10	114.05	50.96	Parallel	-2.9
0.048321	64.23	113.92	49.69	Parallel	-3.0
0.049396	62.82	113.73	50.91	Parallel	-3.2
0.095204	56.50	108.03	51.53	Parallel	-8.1
0.140183	45.68	104.67	58.98	Parallel	-10.2

150kHz-30MHz Transmitting in 8DPSK Mode low channel (maximum output power mode):
Parallel(worst case)

Low Channel: 2402 MHz

Common Information

Project No:	RBJ260414001
EUT Model:	ZSM-1
Test Mode:	Transmitting in 3DH1 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:	24.3°C
Humidity:	55%
Barometric Pressure:	102.4kPa
Test Engineer:	Scarf Yang
Check by:	Jenny Yang
Test Date:	2026/5/8

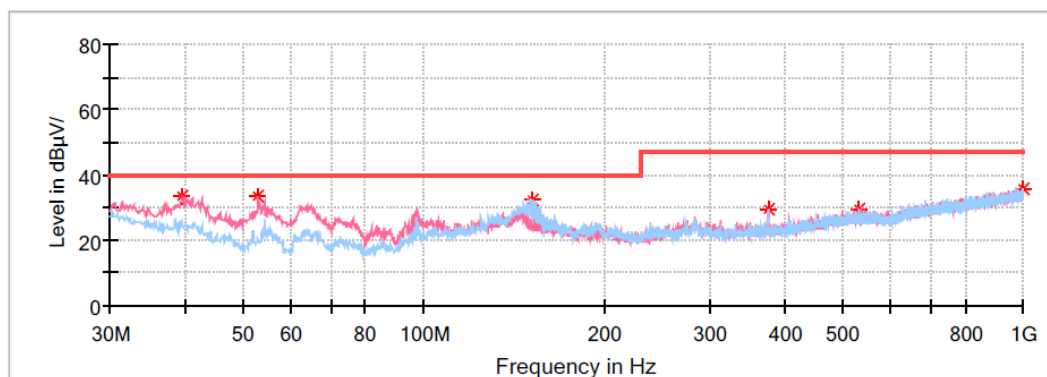


Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
0.187312	60.44	102.07	41.63	Parallel	-12.2
0.523125	46.01	73.19	27.18	Parallel	-22.0
1.347731	41.96	64.88	22.93	Parallel	-28.3
4.433475	37.15	69.54	32.39	Parallel	-31.3
6.228206	32.63	69.54	36.91	Parallel	-31.6
14.172038	30.20	69.54	39.34	Parallel	-32.2

30 MHz - 1 GHz Transmitting in 8DPSK Mode Low channel (maximum output power mode):**Low Channel: 2402 MHz****Common Information**

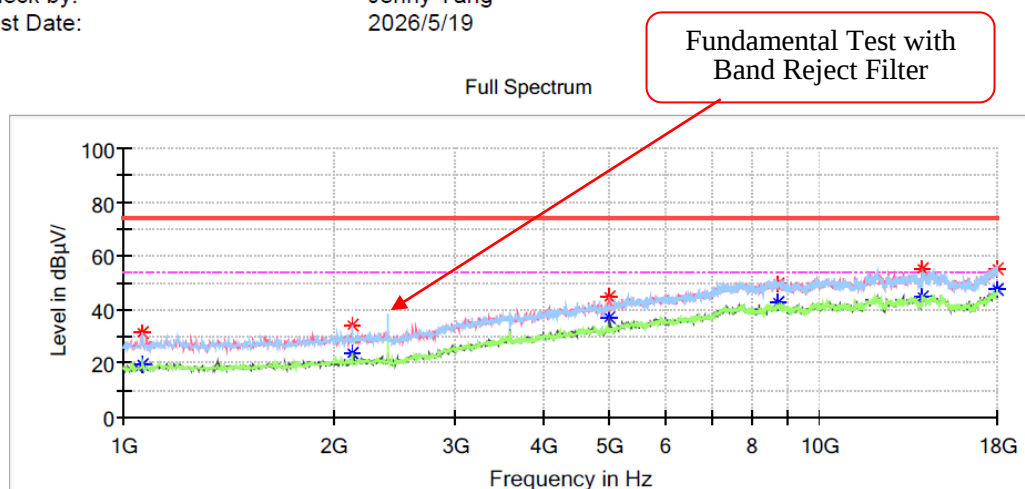
Project No:	RBJ260414001
EUT Model:	ZSM-1
Test Mode:	Transmitting in 3DH1 mode low channel
Standard:	FCC Part 15.205 & FCC Part 15.209 & FCC Part 15.247
Test Equipment:	ESCI, JB3, 310N
Receiver Setting:	RBW: 100 kHz, VBW: 300 kHz, Sweep Time: Auto
Temperature:	23.3°C
Humidity:	54%
Barometric Pressure:	102.4kPa
Test Engineer:	Scarf Yang
Check by:	Jenny Yang
Test Date:	2026/4/29

**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
39.578750	33.31	40.00	6.69	V	-10.9
53.037500	33.47	40.00	6.53	V	-16.9
152.341250	32.40	40.00	7.60	H	-11.6
374.956250	29.56	47.00	17.44	H	-8.5
531.490000	29.68	47.00	17.32	H	-4.6
999.515000	35.72	47.00	11.28	H	3.1

1 GHz - 18 GHz:**GFSK:****Low Channel: 2402 MHz****Common Information**

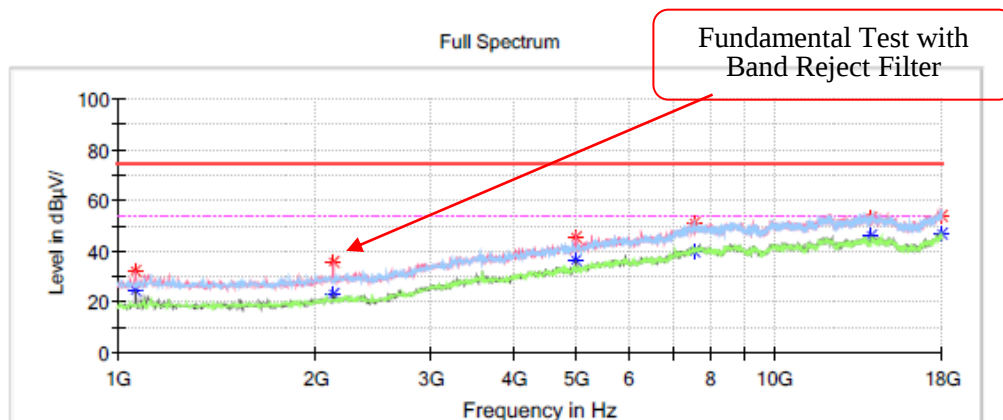
Project No.: RBJ260414001
 EUT Model: ZSM-1
 Test Mode: Transmitting in BT_1DH5 mode Low channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.3°C
 Humidity: 54%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/5/19

**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)
1061.200000	---	19.88	54.00	34.12	V	-15.9
1061.200000	31.76	---	74.00	42.24	V	-15.9
2128.800000	---	23.97	54.00	30.03	H	-11.3
2128.800000	34.56	---	74.00	39.44	H	-11.3
4998.400000	---	36.82	54.00	17.18	V	-2.8
4998.400000	44.74	---	74.00	29.26	V	-2.8
8728.200000	49.53	---	74.00	24.47	H	4.8
8728.200000	---	42.41	54.00	11.59	H	4.8
14022.000000	---	44.98	54.00	9.02	V	10.7
14022.000000	55.39	---	74.00	18.61	V	10.7
17996.600000	55.27	---	74.00	18.73	H	13.8
17996.600000	---	47.22	54.00	6.78	H	13.8

Middle Channel: 2441 MHz**Common Information**

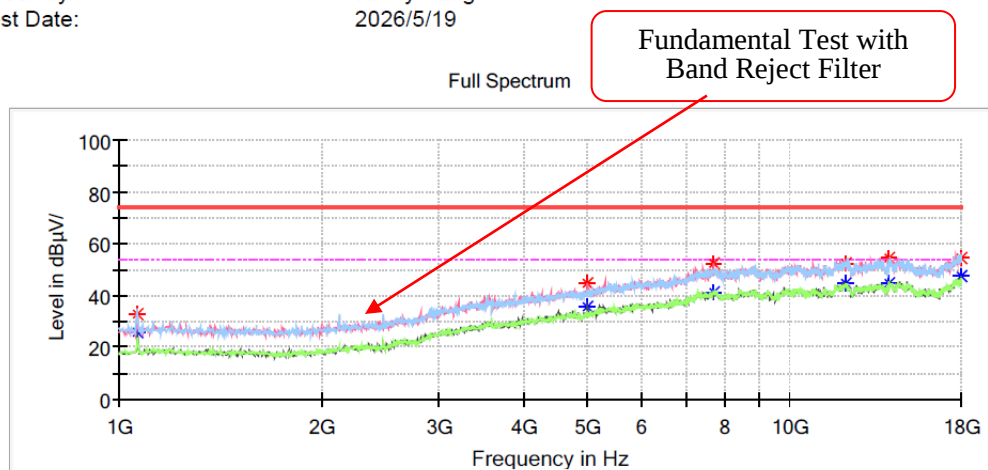
Project No.: RBJ260414001
 EUT Model: ZSM-1
 Test Mode: Transmitting in BT_1DH5 mode Middle channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.3℃
 Humidity: 54%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/5/19

**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)
1064.600000	---	24.13	54.00	29.87	V	-15.9
1064.600000	31.97	---	74.00	42.03	V	-15.9
2128.800000	---	23.28	54.00	30.72	V	-11.3
2128.800000	35.93	---	74.00	38.07	V	-11.3
4998.400000	---	36.41	54.00	17.59	V	-2.8
4998.400000	45.31	---	74.00	28.69	V	-2.8
7531.400000	---	40.01	54.00	13.99	H	3.3
7531.400000	51.03	---	74.00	22.97	H	3.3
14005.000000	52.98	---	74.00	21.02	V	10.6
14005.000000	---	46.47	54.00	7.53	V	10.6
17972.800000	---	47.11	54.00	6.89	H	13.7
17972.800000	54.08	---	74.00	19.92	H	13.7

High Channel: 2480 MHz**Common Information**

Project No.: RBJ260414001
 EUT Model: ZSM-1
 Test Mode: Transmitting in BT_1DH5 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: 24.3°C
 Humidity: 54%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/5/19

**Critical_Freqs**

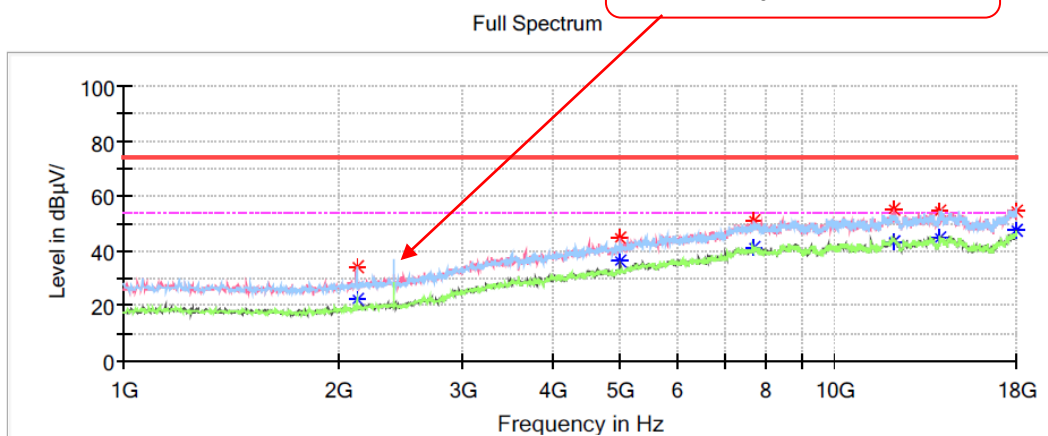
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1064.600000	33.21	---	74.00	40.79	V	-15.9
1064.600000	---	25.90	54.00	28.10	V	-15.9
4998.400000	44.79	---	74.00	29.21	V	-2.8
4998.400000	---	35.65	54.00	18.35	V	-2.8
7715.000000	52.28	---	74.00	21.72	V	3.4
7715.000000	---	41.12	54.00	12.88	V	3.4
12067.000000	52.50	---	74.00	21.50	H	9.0
12067.000000	---	44.96	54.00	9.04	H	9.0
14062.800000	---	44.66	54.00	9.34	V	10.7
14062.800000	54.70	---	74.00	19.30	V	10.7
17962.600000	54.82	---	74.00	19.18	V	13.6
17962.600000	---	47.56	54.00	6.44	V	13.6

$\pi/4$ -DQPSK:

Low Channel: 2402 MHz

Common Information

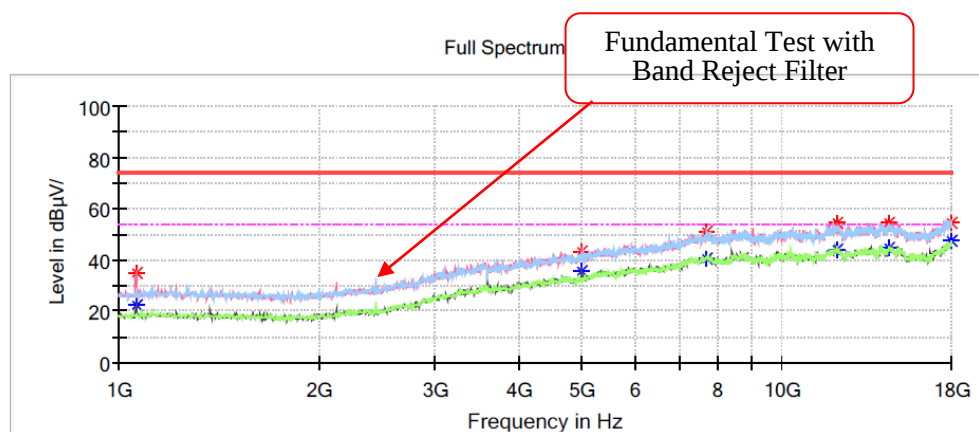
Project No.:	RBJ260414001
EUT Model:	ZSM-1
Test Mode:	Transmitting in BT_2DH5 mode Low channel
Standard:	FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment:	ESU40,3115,PAM-0118P
Receiver Setting:	RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature:	24.3℃
Humidity:	54%
Atmospheric Pressure:	101.1kPa
Test Engineer:	Destine Hu
Check by:	Jenny Yang
Test Date:	2026/5/19

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)
2125.400000	---	22.67	54.00	31.33	H	-11.3
2125.400000	34.03	---	74.00	39.97	H	-11.3
4998.400000	---	36.70	54.00	17.30	V	-2.8
4998.400000	44.68	---	74.00	29.32	V	-2.8
7691.200000	---	41.45	54.00	12.55	V	3.4
7691.200000	50.81	---	74.00	23.19	V	3.4
12101.000000	---	43.61	54.00	10.39	V	9.0
12101.000000	55.32	---	74.00	18.68	V	9.0
14045.800000	---	44.52	54.00	9.48	H	10.7
14045.800000	54.86	---	74.00	19.14	H	10.7
17966.000000	54.43	---	74.00	19.57	V	13.6
17966.000000	---	47.31	54.00	6.69	V	13.6

Middle Channel: 2441 MHz**Common Information**

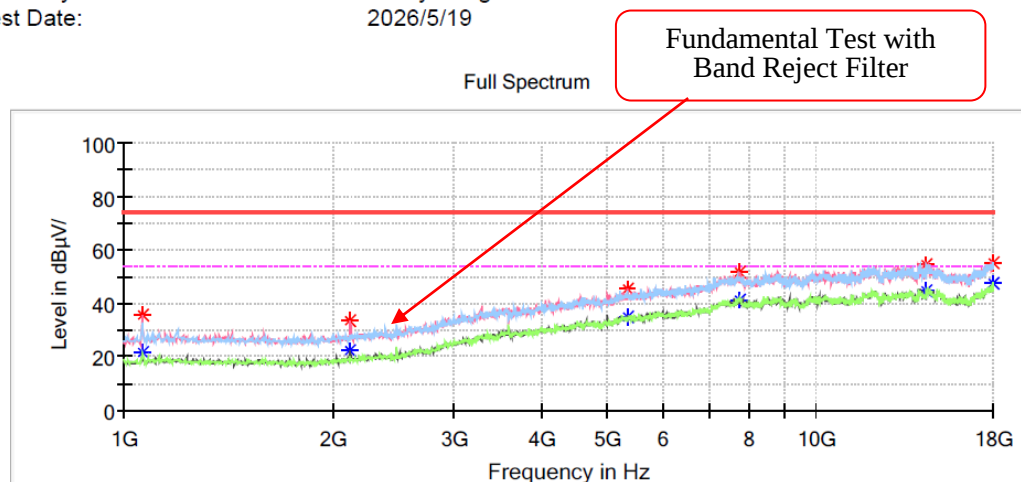
Project No.: RBJ260414001
 EUT Model: ZSM-1
 Test Mode: Transmitting in BT_2DH5 mode Middle channel
 Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
 Test Equipment: ESU40,3115,PAM-0118P
 Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
 Temperature: 24.3°C
 Humidity: 54%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/5/19

**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)
1061.200000	34.81	---	74.00	39.19	V	-15.9
1061.200000	---	22.38	54.00	31.62	V	-15.9
4998.400000	---	35.81	54.00	18.19	V	-2.8
4998.400000	43.23	---	74.00	30.77	V	-2.8
7718.400000	---	40.78	54.00	13.22	H	3.4
7718.400000	50.71	---	74.00	23.29	H	3.4
12084.000000	---	44.09	54.00	9.91	H	9.0
12084.000000	54.41	---	74.00	19.59	H	9.0
14498.000000	---	44.58	54.00	9.42	V	11.1
14498.000000	54.42	---	74.00	19.58	V	11.1
17966.000000	54.47	---	74.00	19.53	H	13.6
17966.000000	---	47.48	54.00	6.52	H	13.6

High Channel: 2480 MHz**Common Information**

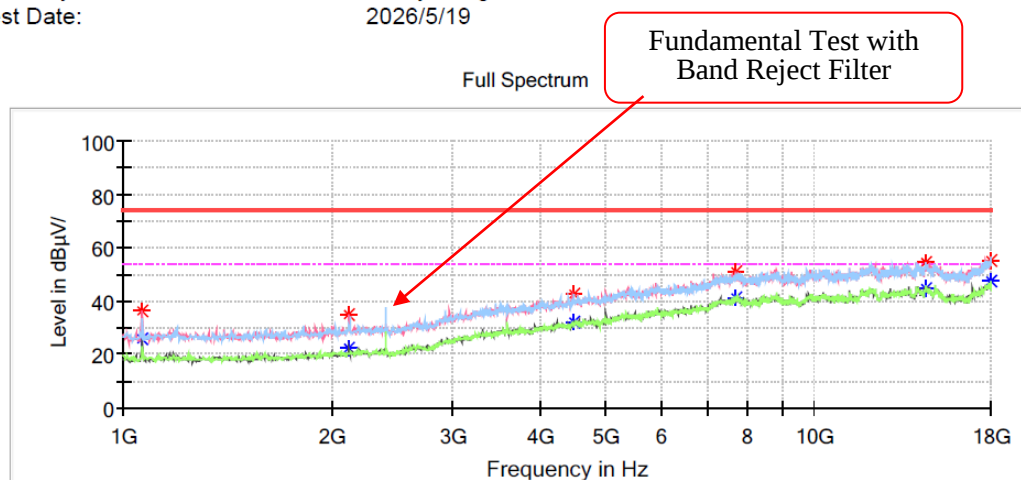
Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_2DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.3°C
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

**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)
1061.200000	35.66	---	74.00	38.34	V	-15.9
1061.200000	---	21.64	54.00	32.36	V	-15.9
2122.000000	33.90	---	74.00	40.10	V	-11.3
2122.000000	---	22.67	54.00	31.33	V	-11.3
5331.600000	---	34.66	54.00	19.34	H	-2.0
5331.600000	45.68	---	74.00	28.32	H	-2.0
7728.600000	---	41.19	54.00	12.81	V	3.4
7728.600000	51.41	---	74.00	22.59	V	3.4
14440.200000	---	44.69	54.00	9.31	H	11.0
14440.200000	54.67	---	74.00	19.33	H	11.0
17976.200000	55.47	---	74.00	18.53	V	13.7
17976.200000	---	47.32	54.00	6.68	V	13.7

8DPSK:**Low Channel: 2402 MHz****Common Information**

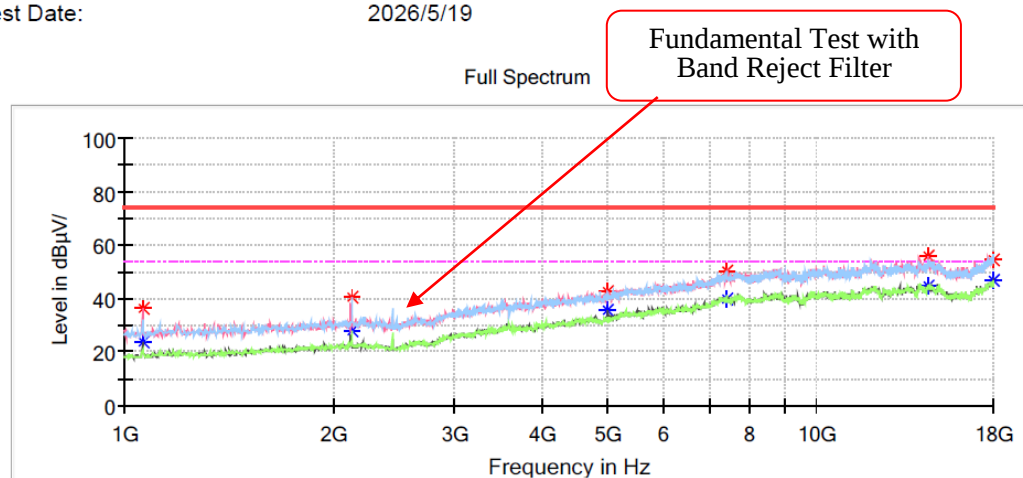
Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_3DH5 mode Low channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.3°C
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

**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)
1064.600000	---	25.67	54.00	28.33	V	-15.9
1064.600000	36.16	---	74.00	37.84	V	-15.9
2122.000000	35.09	---	74.00	38.91	V	-11.3
2122.000000	---	22.06	54.00	31.94	V	-11.3
4481.600000	42.37	---	74.00	31.63	H	-4.4
4481.600000	---	32.06	54.00	21.94	H	-4.4
7677.600000	---	41.32	54.00	12.68	V	3.4
7677.600000	51.14	---	74.00	22.86	V	3.4
14477.600000	---	44.88	54.00	9.12	V	11.1
14477.600000	54.88	---	74.00	19.12	V	11.1
17976.200000	---	47.35	54.00	6.65	H	13.7
17976.200000	54.97	---	74.00	19.03	H	13.7

Middle Channel: 2441 MHz**Common Information**

Project No.: RBJ260414001
 EUT Model: ZSM-1
 Test Mode: Transmitting in BT_3DH5 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: 24.3℃
 Humidity: 54%
 Atmospheric Pressure: 101.1kPa
 Test Engineer: Destine Hu
 Check by: Jenny Yang
 Test Date: 2026/5/19

**Critical_Freqs**

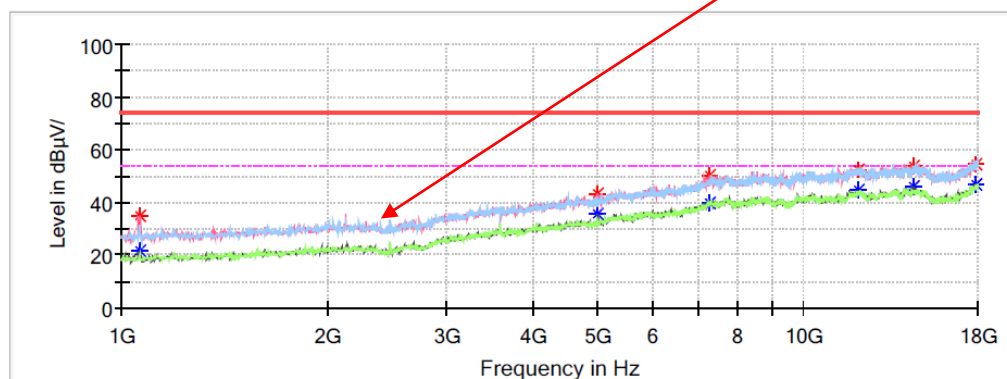
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
1061.200000	36.27	---	74.00	37.73	V	-15.9
1061.200000	---	24.06	54.00	29.94	V	-15.9
2132.200000	40.29	---	74.00	33.71	H	-11.3
2132.200000	---	28.13	54.00	25.87	H	-11.3
4998.400000	42.84	---	74.00	31.16	V	-2.8
4998.400000	---	35.54	54.00	18.46	V	-2.8
7415.800000	---	39.94	54.00	14.06	H	3.0
7415.800000	50.66	---	74.00	23.34	H	3.0
14525.200000	---	44.62	54.00	9.38	V	11.0
14525.200000	55.60	---	74.00	18.40	V	11.0
17966.000000	54.80	---	74.00	19.20	H	13.6
17966.000000	---	47.11	54.00	6.89	H	13.6

High Channel: 2480 MHz**Common Information**

Project No.:	RBJ260414001
EUT Model:	ZSM-1
Test Mode:	Transmitting in BT_3DH5 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:	24.3°C
Humidity:	54%
Atmospheric Pressure:	101.1kPa
Test Engineer:	Destine Hu
Check by:	Jenny Yang
Test Date:	2026/5/19

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)
1064.600000	35.29	---	74.00	38.71	V	-15.9
1064.600000	---	21.73	54.00	32.27	V	-15.9
4998.400000	---	35.72	54.00	18.28	V	-2.8
4998.400000	43.45	---	74.00	30.55	V	-2.8
7273.000000	---	40.13	54.00	13.87	V	2.5
7273.000000	50.25	---	74.00	23.75	V	2.5
12050.000000	52.36	---	74.00	21.64	V	9.0
12050.000000	---	44.70	54.00	9.30	V	9.0
14501.400000	53.67	---	74.00	20.33	H	11.1
14501.400000	---	45.98	54.00	8.02	H	11.1
17928.600000	54.21	---	74.00	19.79	V	13.4
17928.600000	---	47.17	54.00	6.83	V	13.4

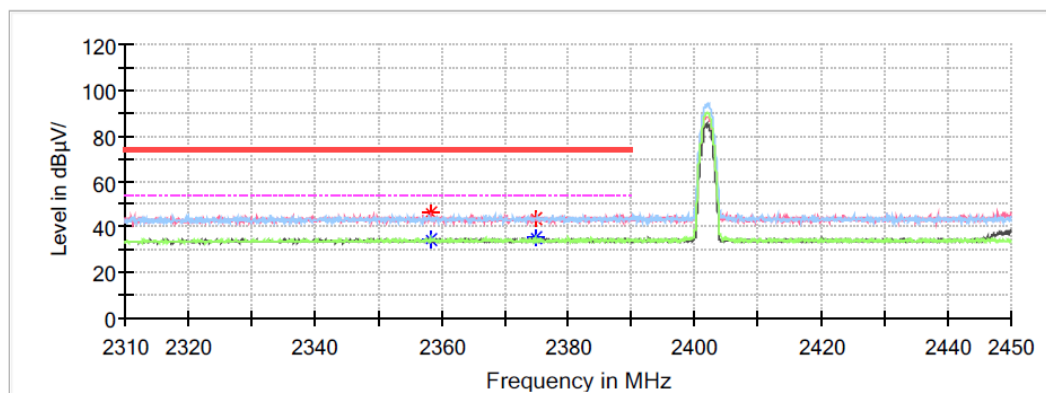
Band Edge:
GFSK:

Left Side

Common Information

Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_1DH5 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: 24.3°C
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

Full Spectrum



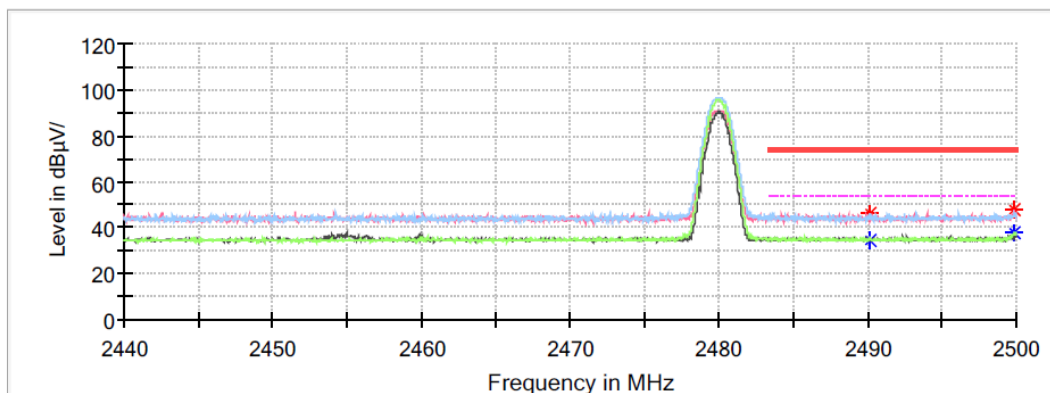
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2358.216000	---	34.08	54.00	19.92	V	-0.7
2358.216000	46.08	---	74.00	27.92	V	-0.7
2374.960000	---	35.42	54.00	18.58	H	-0.6
2374.960000	43.49	---	74.00	30.51	H	-0.6

Right Side**Common Information**

Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_1DH5 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: 24.3℃
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

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)
2490.136000	---	34.76	54.00	19.24	H	-0.3
2490.136000	46.43	---	74.00	27.57	H	-0.3
2499.880000	---	37.74	54.00	16.26	V	-0.3
2499.880000	47.60	---	74.00	26.40	V	-0.3

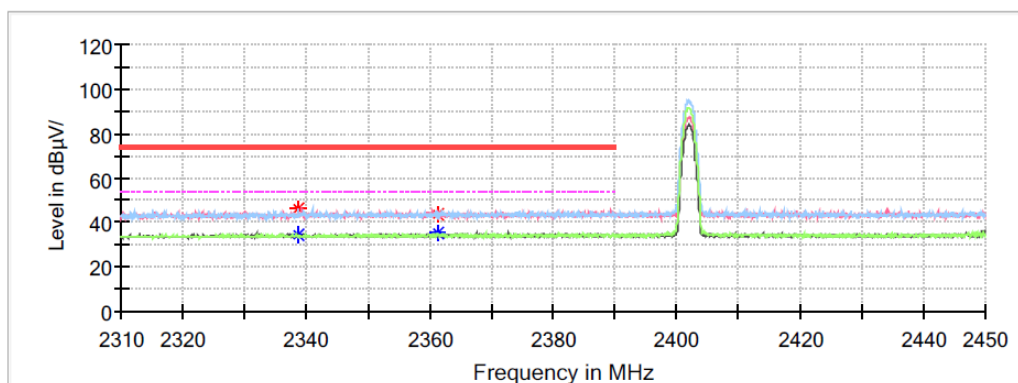
$\pi/4$ -DQPSK:

Left Side

Common Information

Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_2DH5 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: 24.3°C
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

Full Spectrum



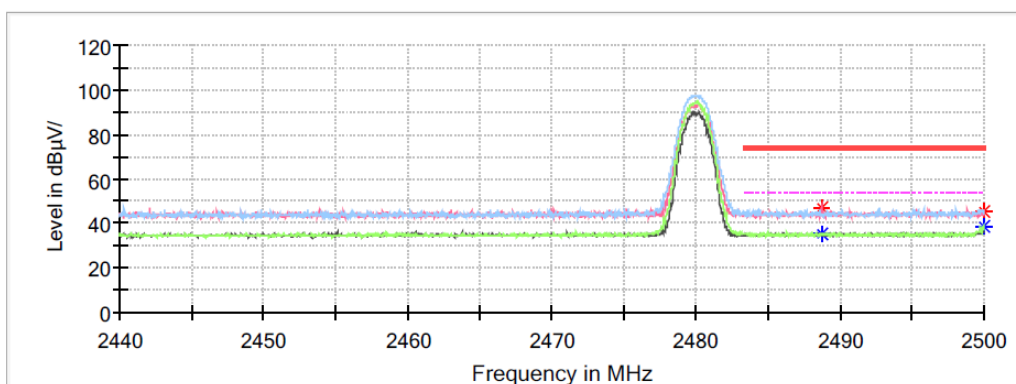
Critical_Freqs

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2338.672000	---	34.11	54.00	19.89	H	-0.7
2338.672000	45.98	---	74.00	28.02	H	-0.7
2361.352000	---	35.11	54.00	18.89	V	-0.6
2361.352000	43.76	---	74.00	30.24	V	-0.6

Right Side**Common Information**

Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_2DH5 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: 24.3°C
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

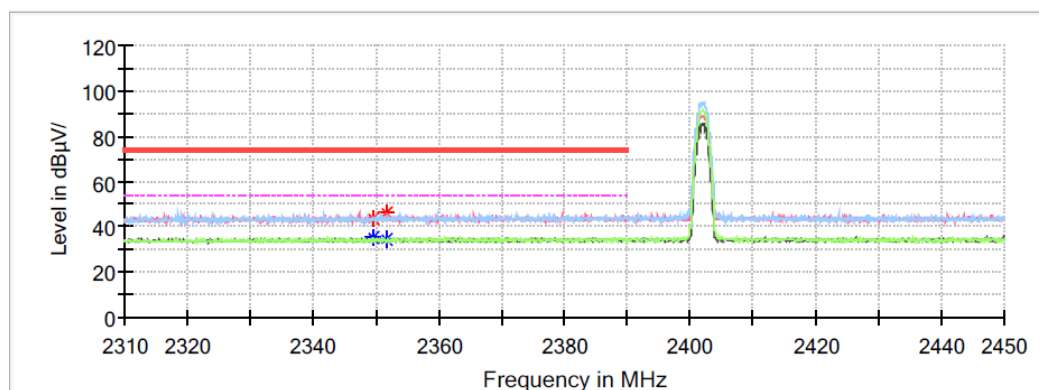
Full Spectrum

**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)
2488.696000	---	34.86	54.00	19.14	V	-0.3
2488.696000	47.37	---	74.00	26.63	V	-0.3
2499.952000	---	38.37	54.00	15.63	H	-0.3
2499.952000	45.17	---	74.00	28.83	H	-0.3

8DPSK:**Left Side****Common Information**

Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_3DH5 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: 24.3°C
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

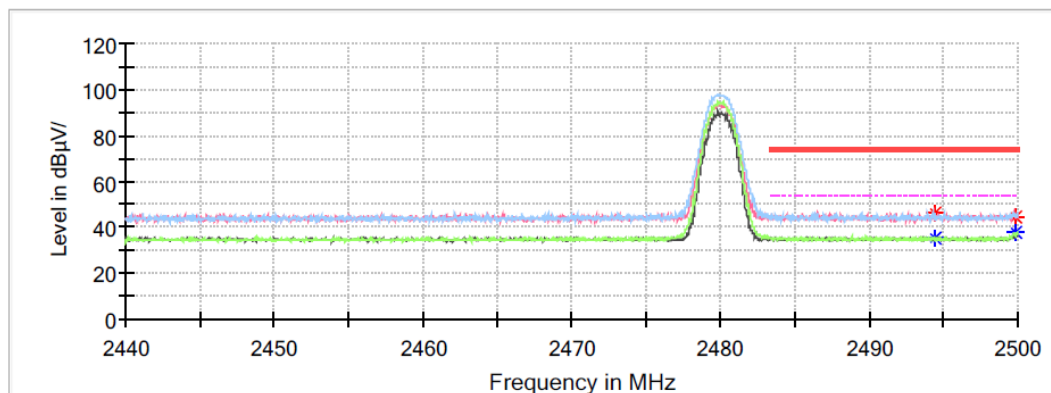
Full Spectrum**Critical_Freqs**

Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
2349.480000	43.89	---	74.00	30.11	V	-0.7
2349.480000	---	35.49	54.00	18.51	V	-0.7
2351.720000	46.39	---	74.00	27.61	H	-0.7
2351.720000	---	34.11	54.00	19.89	H	-0.7

Right Side**Common Information**

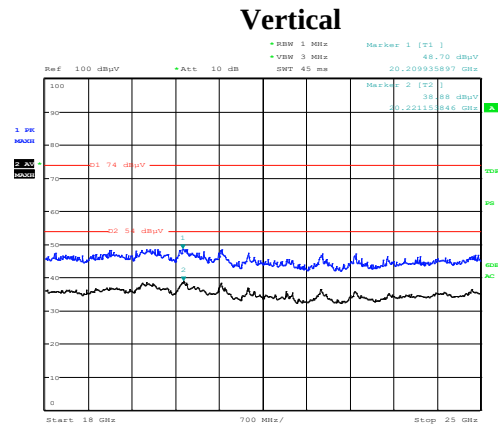
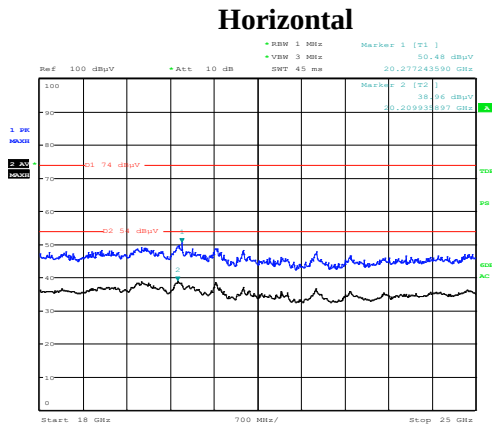
Project No.: RBJ260414001
EUT Model: ZSM-1
Test Mode: Transmitting in BT_3DH5 mode High channel
Standard: FCC Part 15.247& FCC Part 15.205& FCC Part 15.209
Test Equipment: ESU40,3115,PAM-0118P
Receiver Setting: RBW: 1MHz, VBW: 3MHz, Sweep Time: Auto
Temperature: 24.3℃
Humidity: 54%
Atmospheric Pressure: 101.1kPa
Test Engineer: Destine Hu
Check by: Jenny Yang
Test Date: 2026/5/19

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)
2494.480000	46.44	---	74.00	27.56	V	-0.3
2494.480000	---	34.99	54.00	19.01	V	-0.3
2499.904000	44.42	---	74.00	29.58	H	-0.3
2499.904000	---	37.63	54.00	16.37	H	-0.3

18 GHz - 25 GHz (Transmitting in 8DPSK Mode low channel (maximum output power mode)):



Project No.: RBJ260414001
Date: 21.MAY.2026 16:05:14

Tester: Hugh Wu

Project No.: RBJ260414001
Date: 21.MAY.2026 16:36:58

Tester: Hugh Wu

Frequency (GHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Pol	Corr. (dB/m)
20.22	---	38.88	54	15.12	V	12.48
20.21	48.7	---	74	25.3	V	12.47
20.21	---	38.96	54	15.04	H	12.47
20.28	50.48	---	74	23.52	H	12.53

Note: The test distance is 3m. The limit is 74dB μ V/m(Peak) and 54dB μ V/m(Average).

CHANNEL SEPARATION TEST**Environmental Conditions & Test Information**

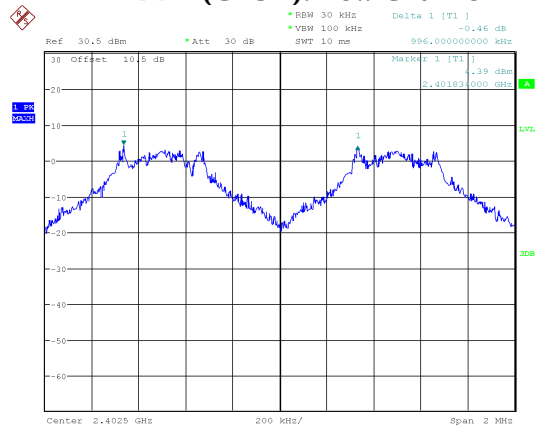
Test Date:	2026-05-26
Temperature:	21.6°C
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

Mode	Channel	Result (MHz)	Limit (MHz)	Result
GFSK	Low	0.996	0.904	Pass
	Middle	0.990	0.904	Pass
	High	0.998	0.904	Pass

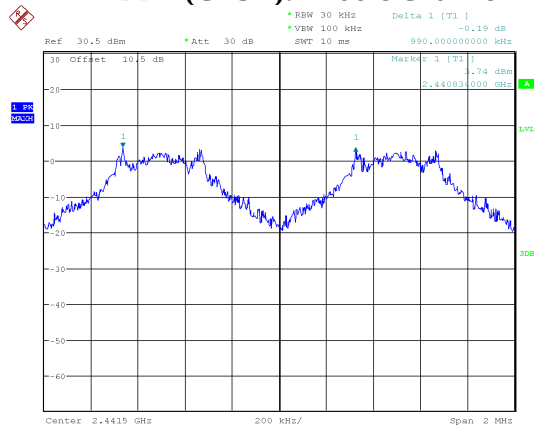
Note: Only GFSK mode result is reported since EDR($\pi/4$ -DQPSK, 8DPSK) has the exact same channel plan.
Limit = 20 dB bandwidth*2/3

BDR (GFSK): Low Channel



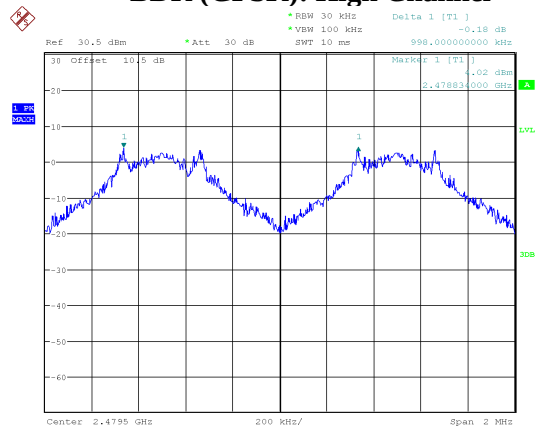
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 18:05:04

BDR (GFSK): Middle Channel



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 18:46:11

BDR (GFSK): High Channel



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 18:35:51

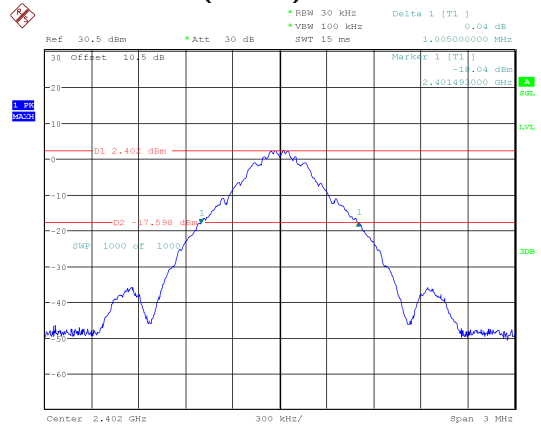
20 dB BANDWIDTH TEST**Environmental Conditions & Test Information**

Test Date:	2026-05-26
Temperature:	21.6℃
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

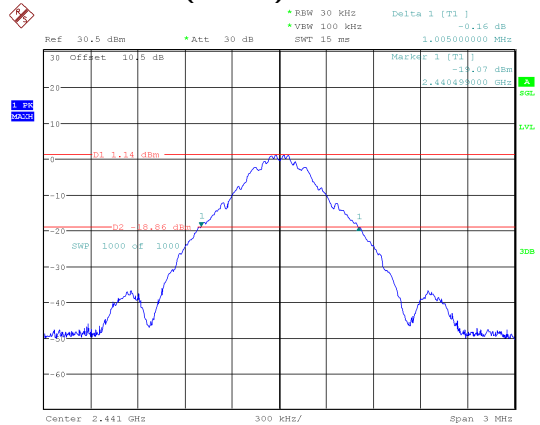
Mode	Channel	Frequency (MHz)	20 dB Emission Bandwidth (MHz)
BDR (GFSK)	Low	2402	1.005
	Middle	2441	1.005
	High	2480	1.005
EDR ($\pi/4$-DQPSK)	Low	2402	1.356
	Middle	2441	1.356
	High	2480	1.356
EDR (8DPSK)	Low	2402	1.353
	Middle	2441	1.356
	High	2480	1.353

BDR (GFSK): Low Channel



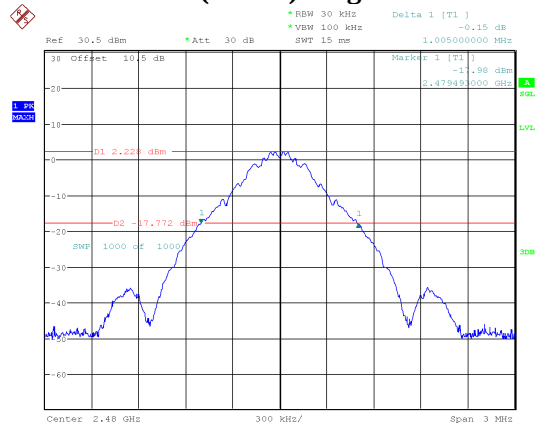
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 14:36:29

BDR (GFSK): Middle Channel



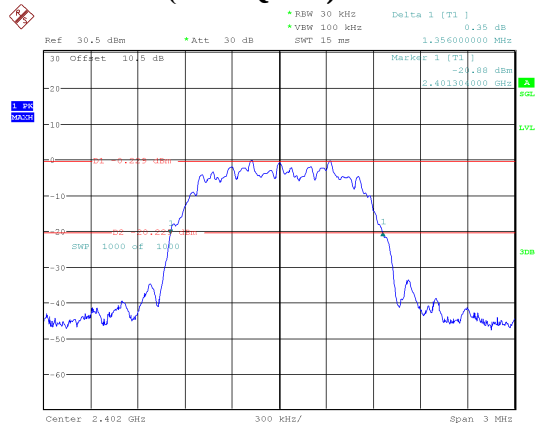
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:22:12

BDR (GFSK): High Channel



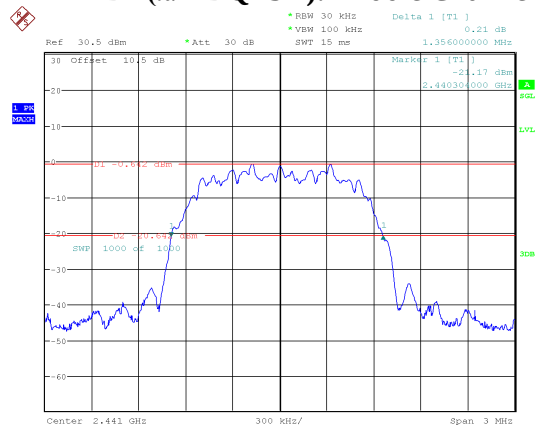
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:49:45

EDR ($\pi/4$ -DQPSK): Low Channel



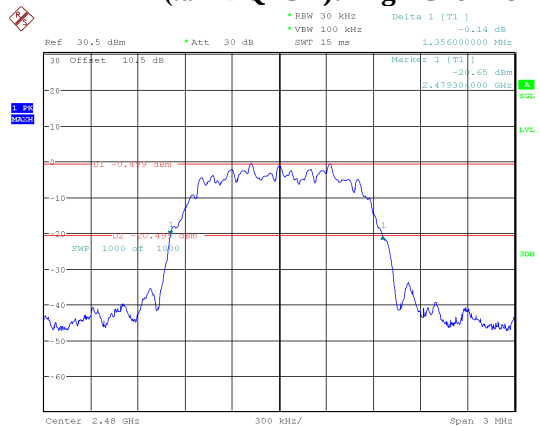
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:59:34

EDR($\pi/4$ -DQPSK): Middle Channel

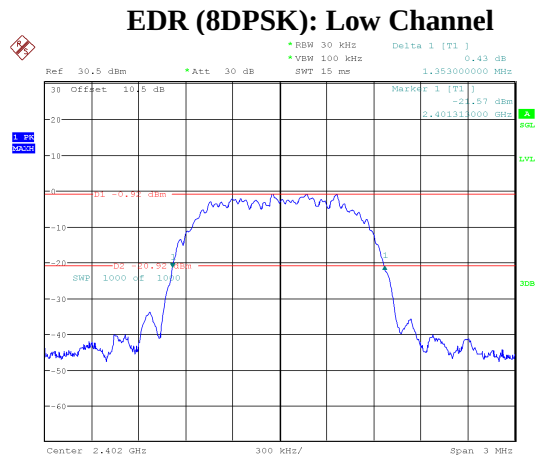


ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:08:05

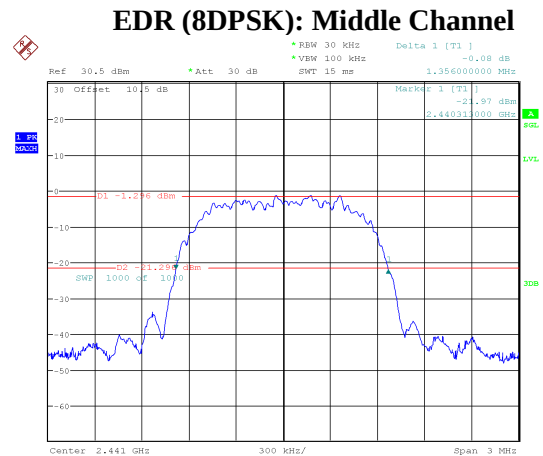
EDR ($\pi/4$ -DQPSK): High Channel



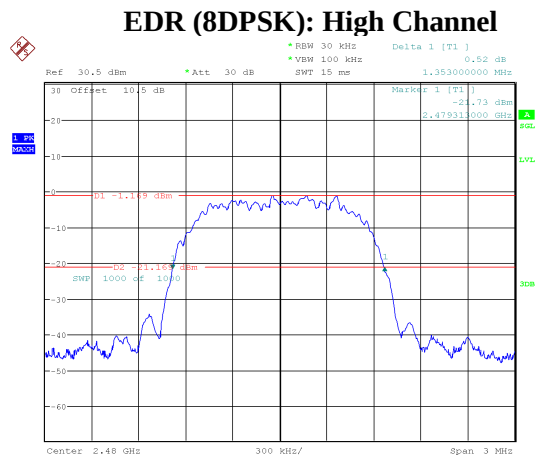
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:16:06



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:25:56



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:36:46



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:47:22

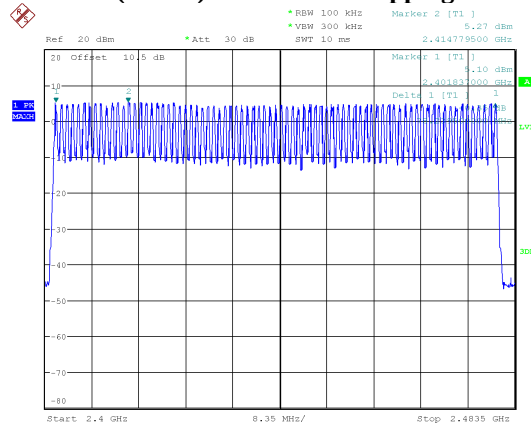
QUANTITY OF HOPPING CHANNEL TEST**Environmental Conditions & Test Information**

Test Date:	2026-05-26
Temperature:	21.6℃
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Hopping

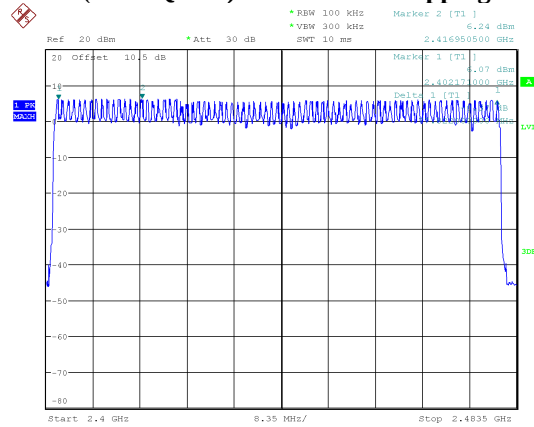
Mode	Frequency Range (MHz)	Number of Hopping Channel (CH)	Limit (CH)
BDR (GFSK)	2400-2483.5	79	≥15
EDR ($\pi/4$ -DQPSK)	2400-2483.5	79	≥15
EDR (8DPSK)	2400-2483.5	79	≥15

BDR (GFSK):Number of Hopping Channels



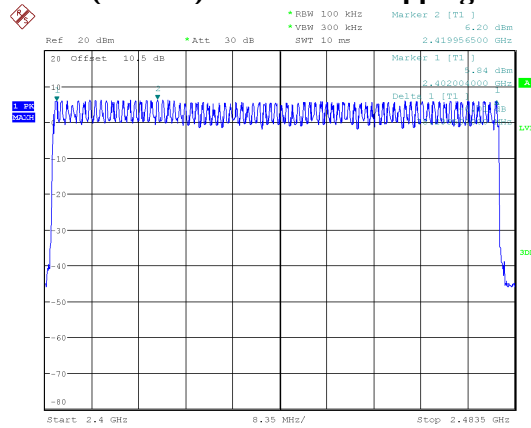
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 18:50:00

EDR ($\pi/4$ -DQPSK): Number of Hopping Channels



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 18:59:08

EDR (8DPSK): Number of Hopping Channels



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 19:06:41

TIME OF OCCUPANCY (DWELL TIME)**Environmental Conditions & Test Information**

Test Date:	2026-05-26
Temperature:	21.6°C
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

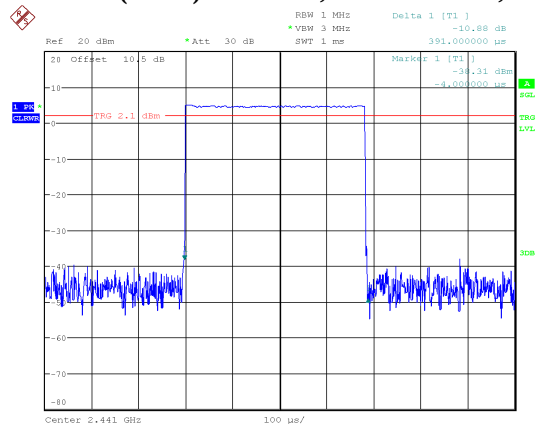
EUT operation mode: Hopping

Mode		Channel	BurstWidth (ms)	TotalHops (Num)	Dwell time (s)	Limit (s)	Result
BDR (GFSK)	DH1	Middle	0.391	310	0.121	≤ 0.4	Pass
	DH3		1.664	170	0.283	≤ 0.4	Pass
	DH5		2.925	120	0.351	≤ 0.4	Pass
EDR ($\pi/4$ - DQPSK)	2DH1		0.404	310	0.125	≤ 0.4	Pass
	2DH3		1.662	160	0.266	≤ 0.4	Pass
	2DH5		2.930	110	0.322	≤ 0.4	Pass
EDR (8DPSK)	3DH1		0.401	310	0.124	≤ 0.4	Pass
	3DH3		1.662	180	0.299	≤ 0.4	Pass
	3DH5		2.935	110	0.323	≤ 0.4	Pass

Note: Dwell time = BurstWidth (Pulse time) * TotalHops

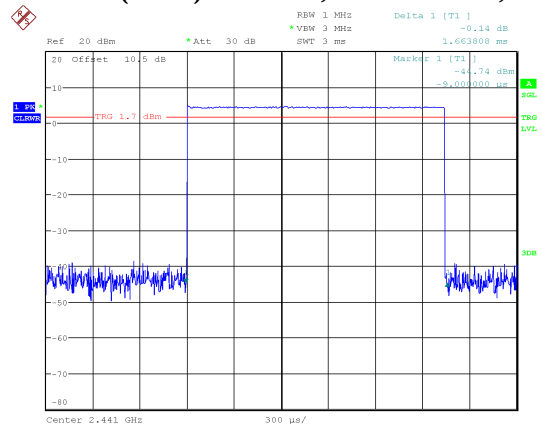
TotalHops (31.6s) = hopping numbers (3.16s)*10

BDR (GFSK): Pulse time, Middle Channel, DH1



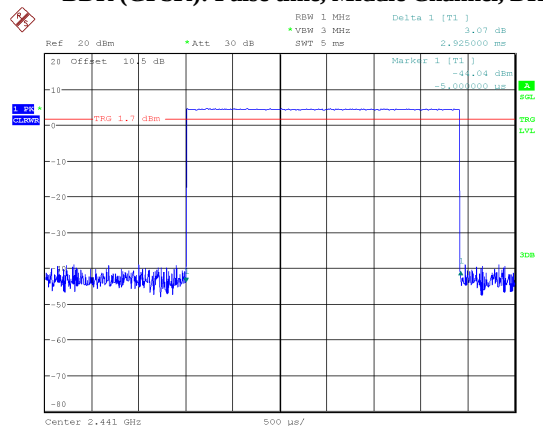
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:31:50

BDR (GFSK): Pulse time, Middle Channel, DH3



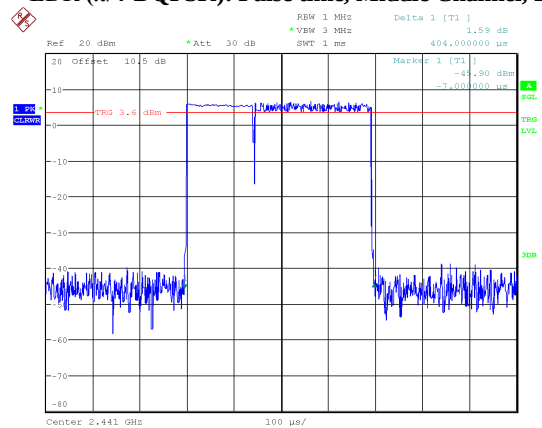
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:37:09

BDR (GFSK): Pulse time, Middle Channel, DH5



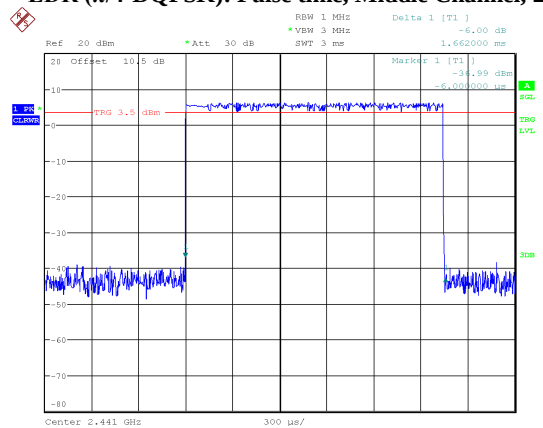
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:39:33

EDR ($\pi/4$ -DQPSK): Pulse time, Middle Channel, 2DH1



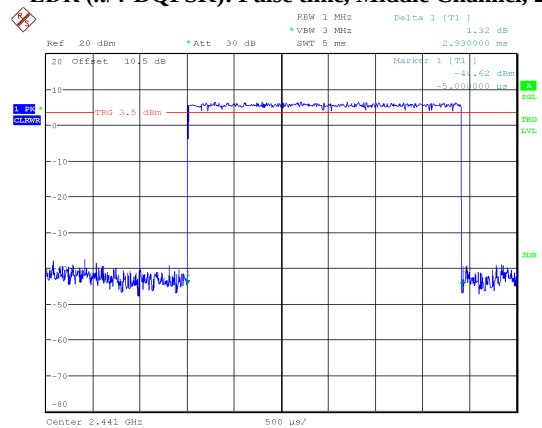
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:41:15

EDR ($\pi/4$ -DQPSK): Pulse time, Middle Channel, 2DH3



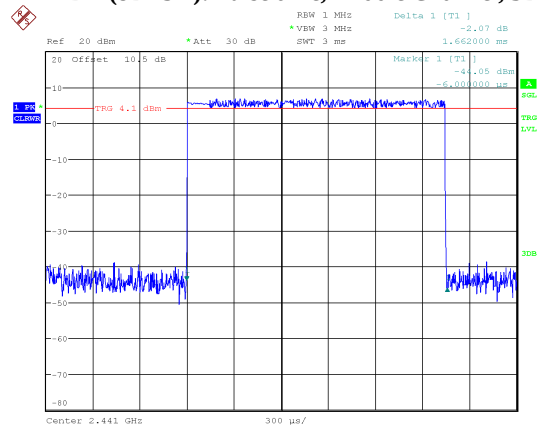
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:43:22

EDR ($\pi/4$ -DQPSK): Pulse time, Middle Channel, 2DH5



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:45:34

EDR (8DPSK): Pulse time, Middle Channel, 3DH3



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:52:13

RBW 1 MHz
 *VBW 3 MHz
 SWF 5 ms

Delta 1 [T1]
 1.23 dB
 2.935000 ms

Ref 20 dBm
 *Att 30 dB

28 Offset 10.5 dB
 -10
 -20
 -30
 -40
 -50
 -60
 -70
 -80

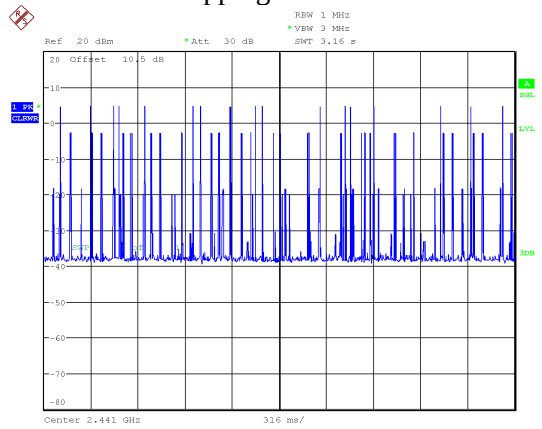
Marker 1 [T1]
 ~4.13 dBm
 ~5.000000 ms

TRG 4 dBm

Center 2.441 GHz
 500 μs

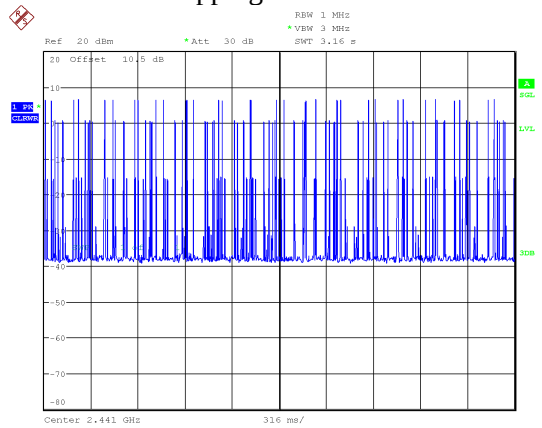
Page 55 of 69

Hopping Numbers-DH3



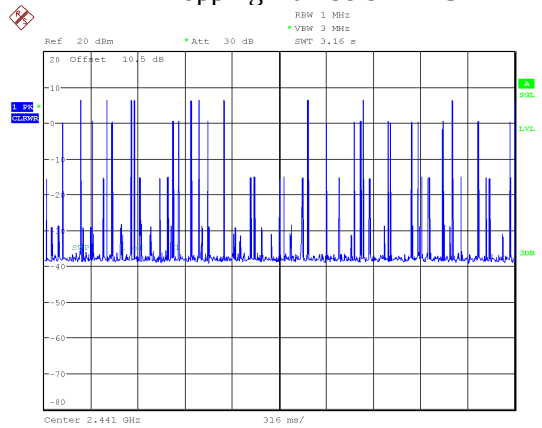
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:35:56

Hopping Numbers-2DH1



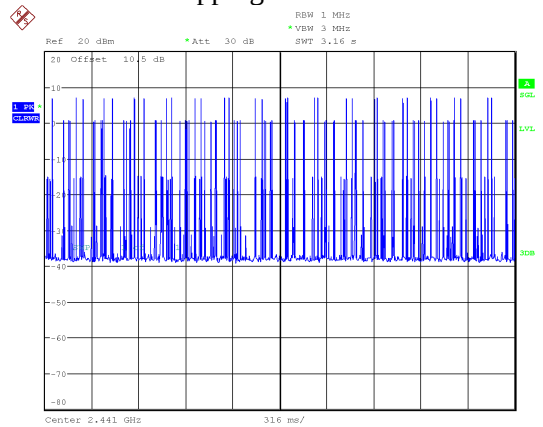
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:40:11

Hopping Numbers-2DH5



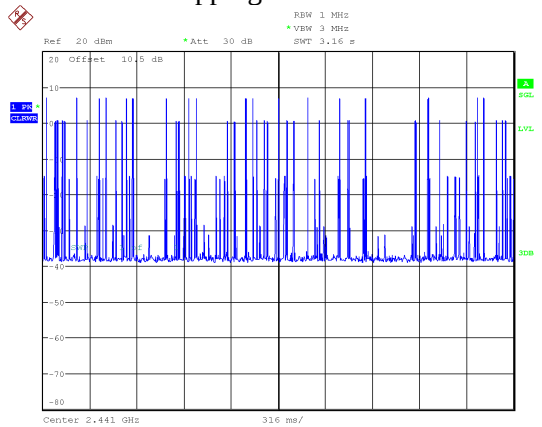
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:44:12

Hopping Numbers-3DH1



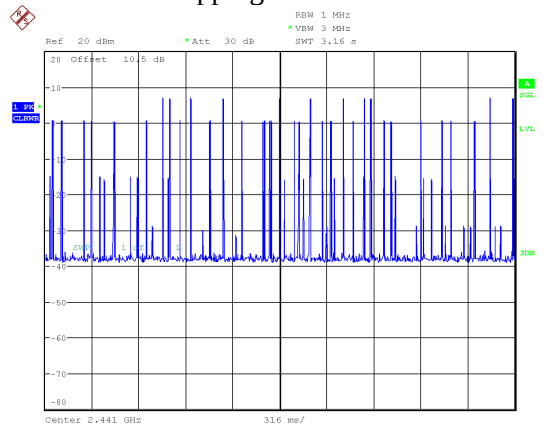
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:46:33

Hopping Numbers-3DH3



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:50:58

Hopping Numbers-3DH5



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:53:30

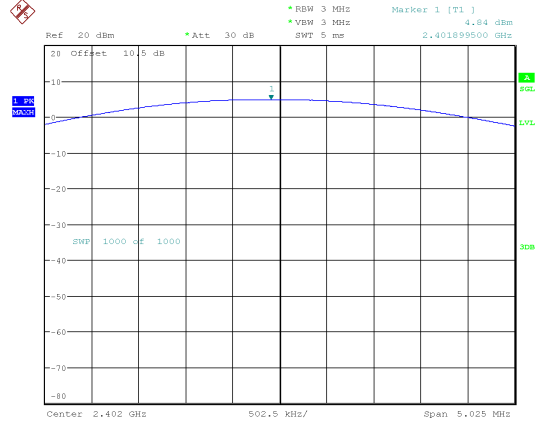
PEAK OUTPUT POWER MEASUREMENT**Environmental Conditions & Test Information**

Test Date:	2026-05-26
Temperature:	21.6°C
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

EUT operation mode: Transmitting

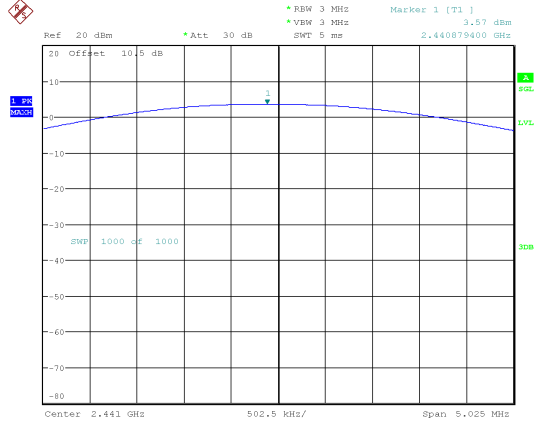
Mode	Channel	Frequency (MHz)	Result (dBm)	Limit (dBm)
GFSK	Low	2402	4.84	21
	Middle	2441	3.57	
	High	2480	4.86	
$\pi/4$ DQPSK	Low	2402	7.41	
	Middle	2441	6.95	
	High	2480	7.07	
8DPSK	Low	2402	7.62	
	Middle	2441	7.31	
	High	2480	7.40	

BDR (GFSK): 2402MHz



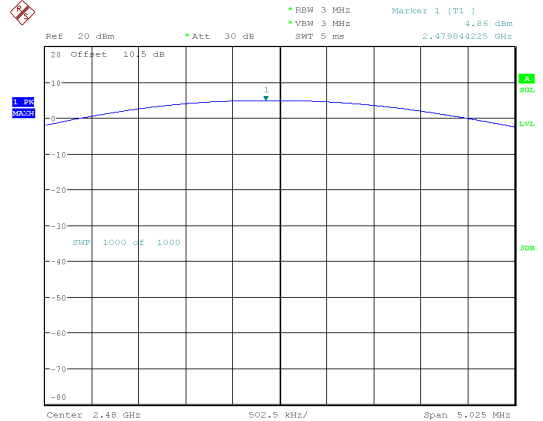
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 14:39:16

BDR (GFSK): 2441MHz



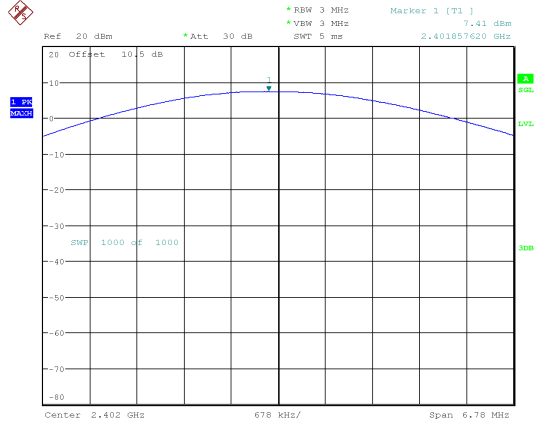
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:24:49

BDR (GFSK): 2480MHz



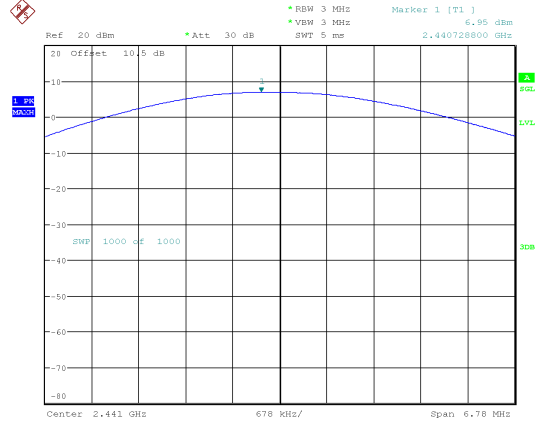
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:51:40

EDR($\pi/4$ -DQPSK): 2402MHz



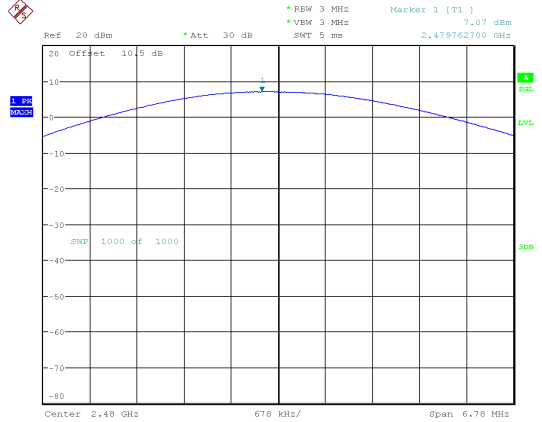
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:01:18

EDR($\pi/4$ -DQPSK): 2441MHz



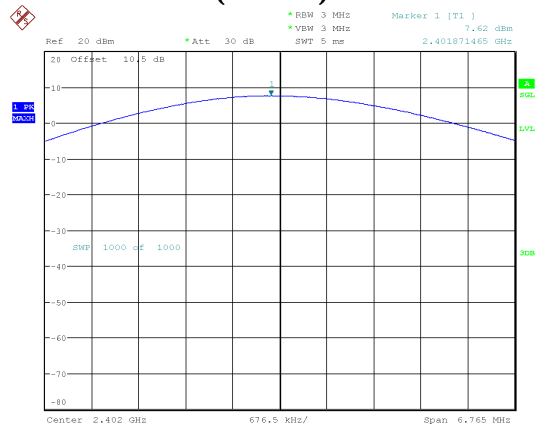
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:09:40

EDR($\pi/4$ -DQPSK): 2480MHz



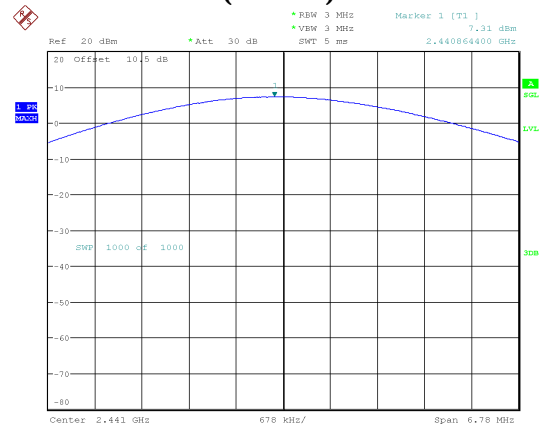
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:18:05

EDR(8DPSK): 2402MHz



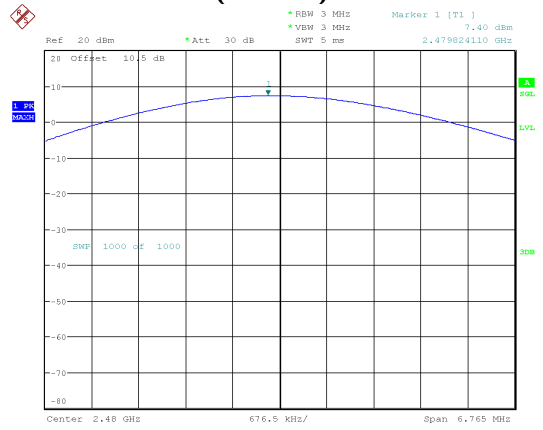
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:28:53

EDR(8DPSK):2441MHz



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:39:44

EDR(8DPSK): 2480MHz



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:50:54

BAND EDGES**Environmental Conditions & Test Information**

Test Date:	2026-05-26
Temperature:	21.6℃
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

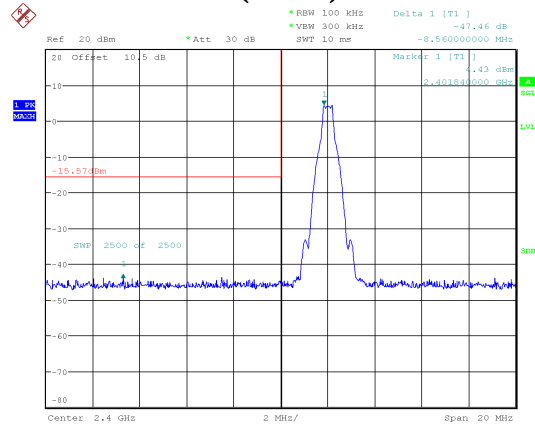
EUT operation mode: Transmitting & Hopping

Test Result: Compliant.

Mode	Channel	Frequency (MHz)	Result (dBc)	Limit (dBc)
GFSK	Low	2402	47.46	20
	High	2480	48.34	
$\pi/4$ DQPSK	Low	2402	46.78	
	High	2480	46.49	
8DPSK	Low	2402	45.68	
	High	2480	46.96	
GFSK (Hopping)	Low	2402	49.34	
	High	2480	48.93	
$\pi/4$ DQPSK (Hopping)	Low	2402	50.22	
	High	2480	49.44	
8DPSK (Hopping)	Low	2402	50.30	
	High	2480	49.92	

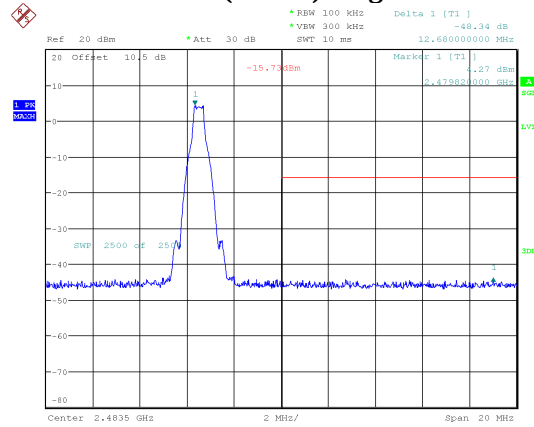
Band Edge

BDR (GFSK): Left Side

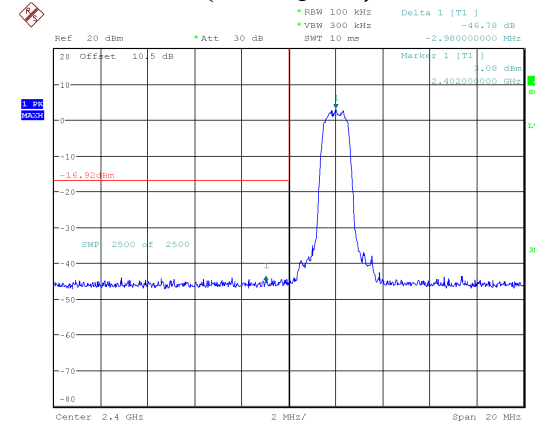


ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:59:33

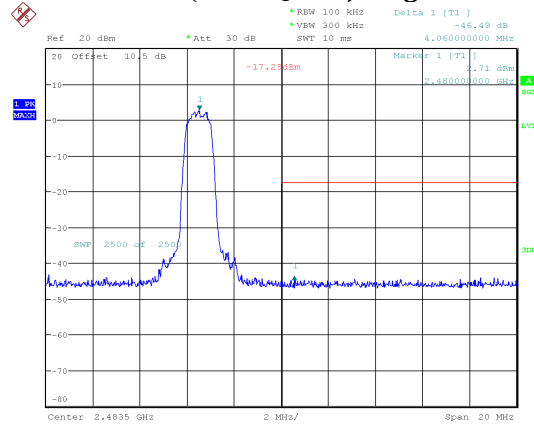
BDR (GFSK): Right Side



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:02:21

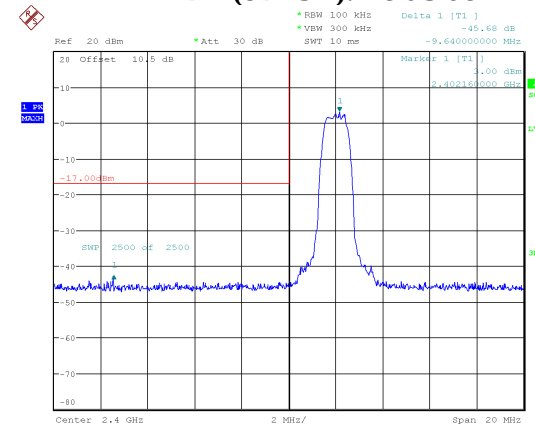
EDR ($\pi/4$ -DQPSK): Left Side

ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:11:13

EDR ($\pi/4$ -DQPSK): Right Side

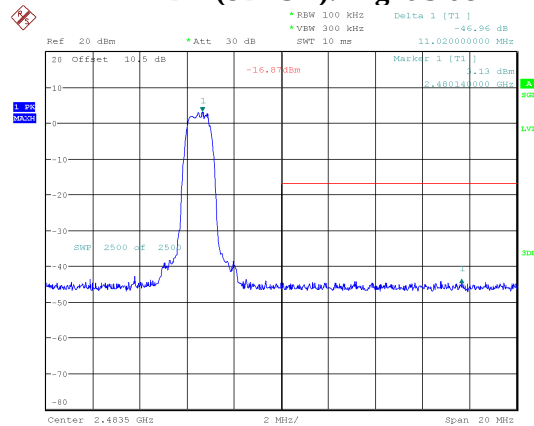
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:14:09

EDR (8DPSK): Left Side



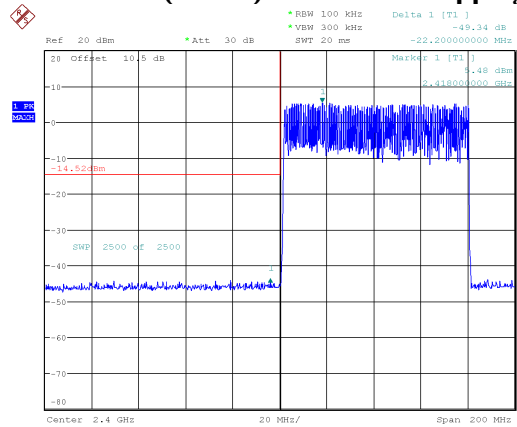
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:22:16

EDR (8DPSK): Right Side



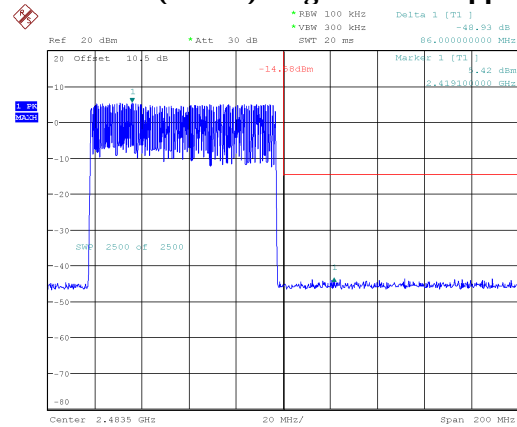
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:25:02

BDR (GFSK): Left Side - Hopping



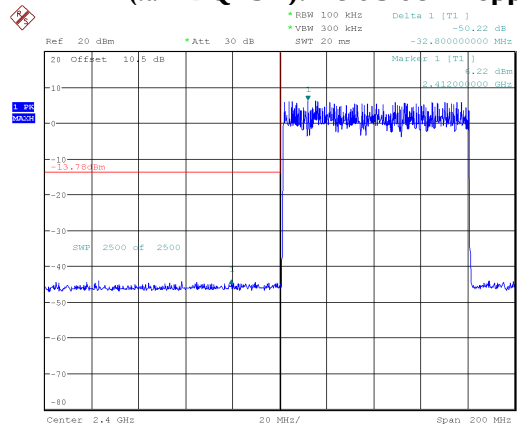
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:05:30

BDR (GFSK): Right Side - Hopping



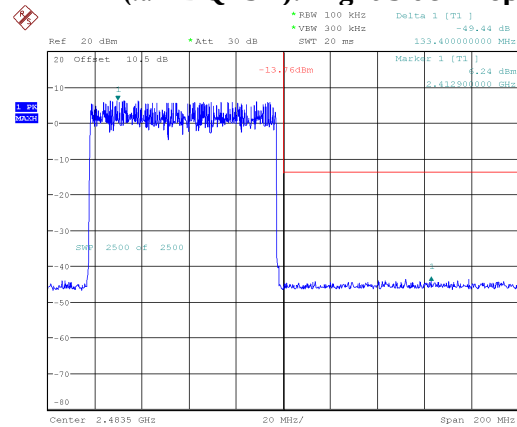
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:07:42

EDR ($\pi/4$ -DQPSK): Left Side - Hopping



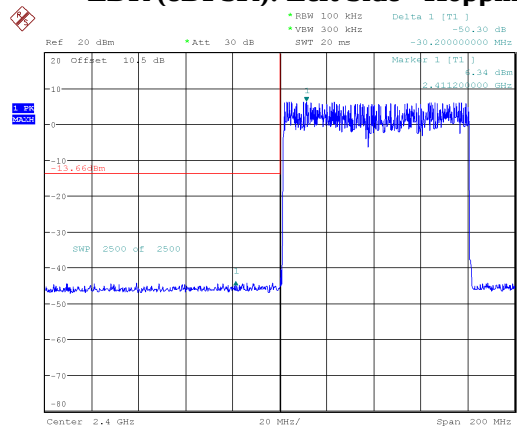
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:17:01

EDR ($\pi/4$ -DQPSK): Right Side - Hopping



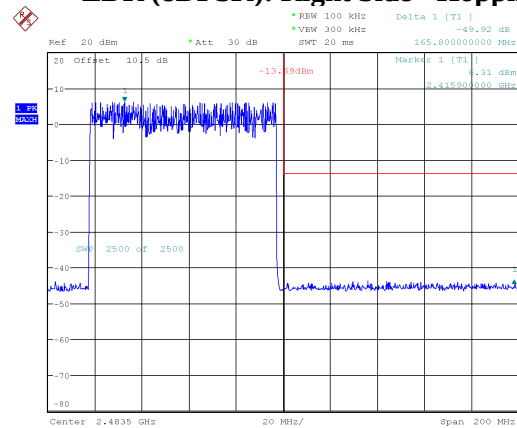
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:19:07

EDR (8DPSK): Left Side - Hopping



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:27:39

EDR (8DPSK): Right Side - Hopping



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 17:29:48

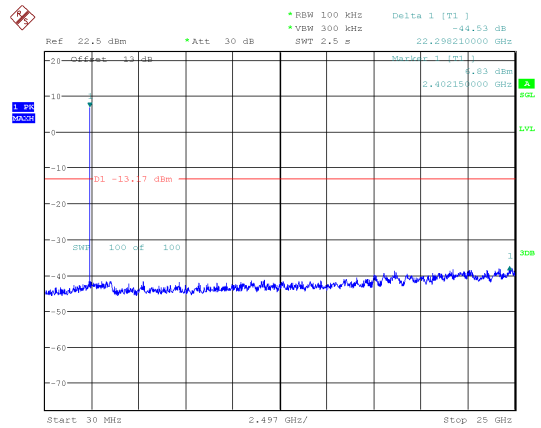
CONDUCTED SPURIOUS EMISSION**Environmental Conditions & Test Information**

Test Date:	2026-05-26
Temperature:	21.6°C
Relative Humidity:	50 %
ATM Pressure:	99.9 kPa
Test Result:	Pass
Test Engineer:	Neil Zhou

Mode	Channel	Result (dBc)	Limit (dBc)
GFSK	Low	44.53	20.00
	Middle	42.67	20.00
	High	44.91	20.00
$\pi/4$ DQPSK	Low	43.63	20.00
	Middle	41.64	20.00
	High	42.17	20.00
8DPSK	Low	42.52	20.00
	Middle	40.82	20.00
	High	42.67	20.00

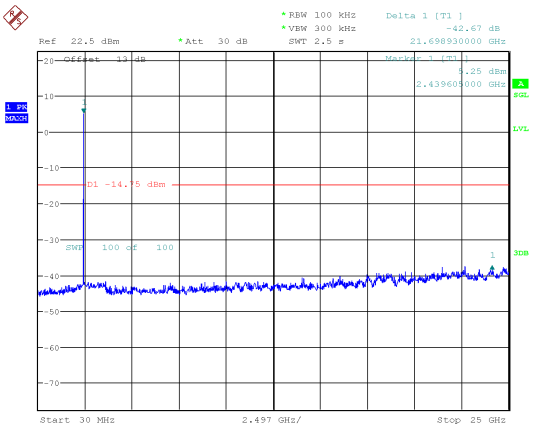
Note: the maximum path attenuation of 30MHz~25GHz was added into the offset

GFSK_Low



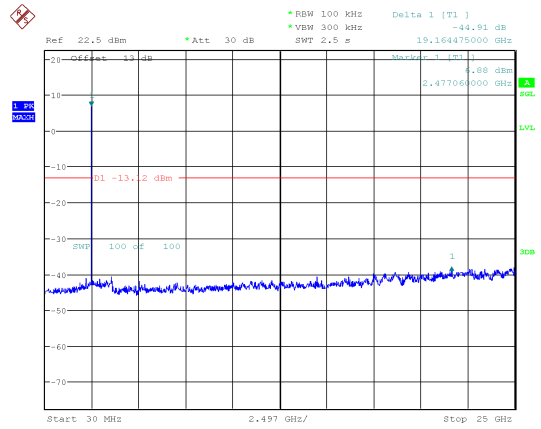
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 14:44:18

GFSK_Middle



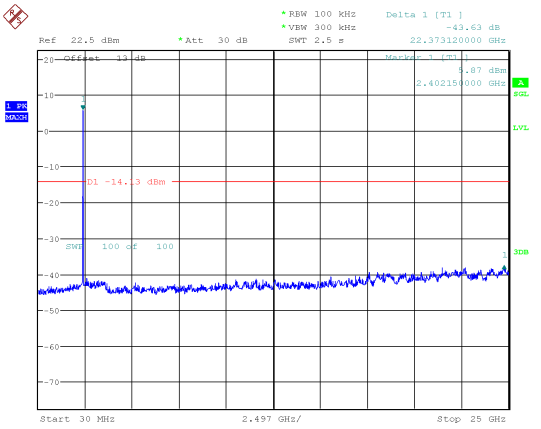
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:37:12

GFSK_High



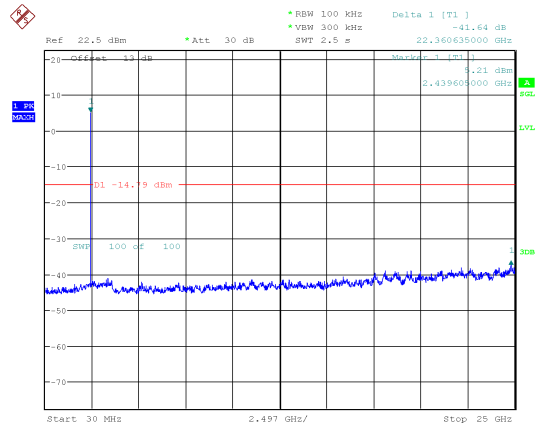
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 15:57:13

$\pi/4$ DQPSK_Low



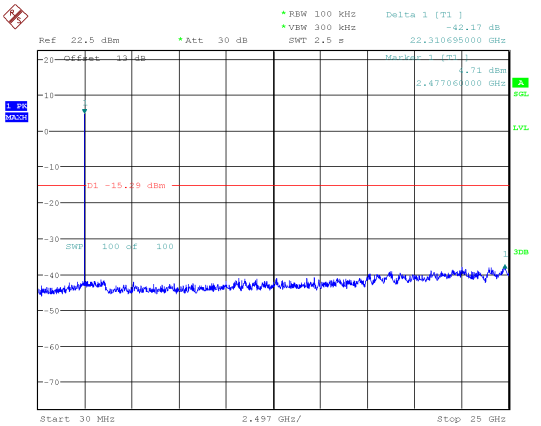
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:06:27

$\pi/4$ DQPSK_Middle

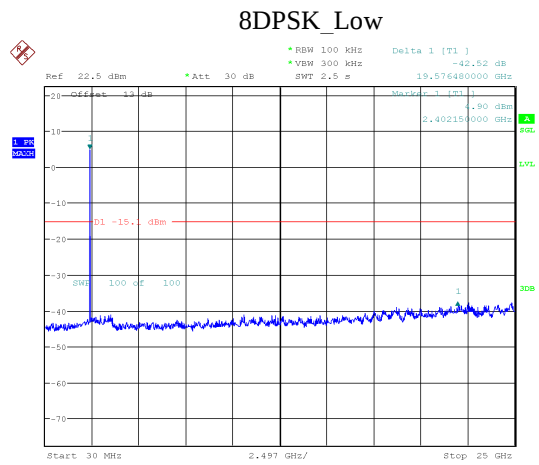


ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:14:36

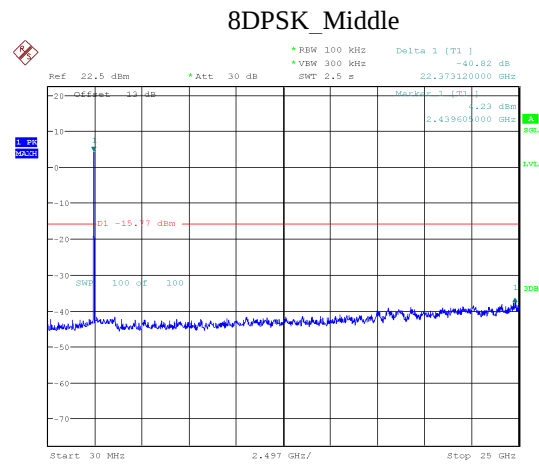
$\pi/4$ DQPSK_High



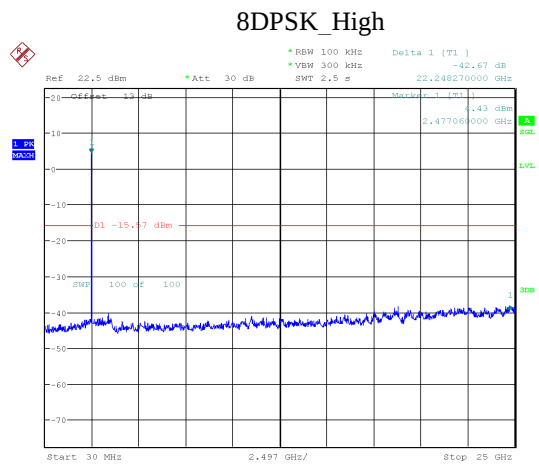
ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:24:07



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:35:22



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:45:58



ProjectNo.:RBJ260414001 Tester:Neil Zhou
Date: 26.MAY.2026 16:56:22

EUT PHOTOGRAPHS

Please refer to the attachment EXHIBIT A - EUT EXTERNAL PHOTOGRAPHS and EXHIBIT B - EUT INTERNAL PHOTOGRAPHS.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment EXHIBIT C - TEST SETUP PHOTOGRAPHS.

Declarations

1. The laboratory is not responsible for the authenticity of any information provided by the applicant. Information from the applicant that may affect test results is marked with “★”.
2. The test data was only valid for the test sample(s).
3. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
4. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
5. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor $k=2$ with the 95.45% confidence interval.

******* END OF REPORT *******