

Japan Test Report

Equipment : marine product
Model No. : A04913
Brand Name : GARMIN
Applicant : Garmin Corp.
Address : No.68, Zhangshu 2nd Rd., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C)
Standard : Article 2 Paragraph 1 Item 19
Received Date : Dec. 23, 2025
Tested Date : Apr. 09, 2026

Measurement was conducted by the following test method:
the test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communications notification in Annex "43" of Article 88, Paragraph 1.

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:


Alex Huang / Supervisor


Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
JR5D2303AE	Rev. 01	Initial issue	Apr. 29, 2026

Summary of Test Results

Ref. Std. Clause	Description	Result
3.2(2)(3)	Antenna Power	Pass
3.2(4)	Frequency Tolerance	Pass
3.2(6)	Transmitter Spurious Emission	Pass
3.2(7)	Occupied Bandwidth	Pass
3.3(1)	Receiver Emission	Pass
3.4.1	Interference prevention function	Pass

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

The EUT is available in two versions, 42" and 49" in lengths.

1.1.1 Specification of the Equipment under Test (EUT)

Power Type	12 / 24 / 36 Vdc
Type(s) of Modulation / Technology	GFSK = 1Mbps
Frequency Range (MHz)	2402 ~ 2480 MHz
Total Channel Number	40
HW Version	105-04913-00
SW Version	2.0

1.1.2 Accessories

No.	Equipment	Description
1	Power cable	Brand: GARMIN Model: 320-01723-00 2m non-shielded without core.

1.1.3 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
1	Garmin	A04913-A2	Inverted-F	U.FL	3.78

Note: Please refer to antenna report for more details about antenna pattern and other information.

1.1.4 Antenna Power

Operating Mode	Rated Power (mW)	Measured Conducted Power (mW)	Radiated Power (mW)
BT-LE(1Mbps)	5	4.831	11.535

1.1.5 Channel List

Frequency band (MHz)				2400~2483.5			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
37	2402	9	2422	18	2442	28	2462
0	2404	10	2424	19	2444	29	2464
1	2406	38	2426	20	2446	30	2466
2	2408	11	2428	21	2448	31	2468
3	2410	12	2430	22	2450	32	2470
4	2412	13	2432	23	2452	33	2472
5	2414	14	2434	24	2454	34	2474
6	2416	15	2436	25	2456	35	2476
7	2418	16	2438	26	2458	36	2478
8	2420	17	2440	27	2460	39	2480

1.1.6 Test Tool and Power Index

Test Tool
BLE - ble_test_tool_main.exe v2.0, Version: 2.01

Power Index			
Modulation Mode	Test Frequency (MHz)		
	2402	2440	2480
BT-LE(1Mbps)	8	8	8

1.1.7 Test Voltage

Test Voltage	☒ Vnom (24 Vdc)	☒ Vmax (45 Vdc)	☒ Vmin (10 Vdc)
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1.1.8 Protection Method for High Frequency and Modulation Section

Protected Method	Description
Special Screw	The high-frequency and modulation components are well covered within EUT' housing which uses special screws to protect itself from being opened unless with the dedicated tools.

1.2 Test Equipment and Calibration Data

Test Item	RF Conducted						
Test Site	(TH01-WS)						
Tested Date	Apr. 09, 2026						
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until	Calibration Authority	Calibration Method
Spectrum Analyzer	R&S	FSV40	101486	Mar. 11, 2026	Mar. 10, 2027	ETC	(C)
DC POWER SOURCE	GW INSTEK	GPE-6030	GEZ824073	Oct. 27, 2025	Oct. 26, 2026	ETC	(C)
Power Sensor	Anritsu	MA2411B	1207367	Feb. 04, 2026	Feb. 03, 2027	ETC	(C)
Power Meter	Anritsu	ML2495A	1218007	Feb. 04, 2026	Feb. 03, 2027	ETC	(C)
Measurement Software	Sporton	SENSE	5.11.9	NA	NA	N/A	N/A

Note 1: Calibration Interval of instruments listed above is one year.
Note 2: Calibration Method
a. Calibration conducted by the National Institute of Information and Communications Technology(NICT) or a designated calibration agency under Article 102-18 paragraph (1) of the Radio Law.
b. Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
c. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
d. Calibration conducted by using other equipment that listed above from a) to c).

1.3 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Article 2 Paragraph 1 Item 19

1.4 Deviation from Test Standard and Measurement Procedure

None

1.5 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.139 Hz
Conducted power	± 0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
TX Conducted emission	± 2.680 dB
RX Conducted emission	± 3.034 dB

2 Test Configuration

2.1 Testing Location and Conditions

Test Site	Site Category	Ambient Condition	Tested By
TH01-WS	OVEN Room	21°C / 65%	Alan Tang

2.2 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

2.3 Supporting Units

Support Unit	Brand	Model	FCC ID
Laptop	DELL	Latitude 5400	DoC

2.4 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)
Antenna Power Frequency Tolerance Occupied Bandwidth Transmitter Spurious Emission Interference prevention function Receiver Spurious Emissions	BT-LE(1Mbps)	2402 / 2440 / 2480

3 Transmitter Test Results

3.1 Antenna Power

3.1.1 Limit of Antenna Power

Spread Spectrum Method	Frequency Range	Limit	Tolerance
1) FHSS (compound method with DSSS or OFDM)	2427 ~ 2470.75 MHz	3 mW / MHz	+20 %
	2400 ~ 2483.5 MHz (except 2427 ~2470.75MHz)	10 mW/MHz	
2) DSSS	2400 ~ 2483.5 MHz	10 mW / MHz	
3) OFDM (OBW with 26 MHz)	2400 ~ 2483.5 MHz	10 mW / MHz	
4) OFDM (OWB with 26 ~ 40MHz)	2400 ~ 2483.5 MHz	5 mW / MHz	
5) Other method (Except SS & OFDM)	2400 ~ 2483.5 MHz	10mW	

3.1.2 Test Procedures

Measure the total power by Power Meter

3.1.3 Test Setup



3.1.4 Test Result

Refer to Appendix A.

3.2 Frequency Tolerance

3.2.1 Limit of Frequency Tolerance

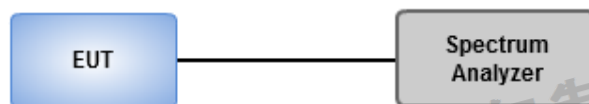
Frequency tolerance shall be +/- 50ppm.

3.2.2 Test Procedures

1. Set Span = 500kHz, RBW = 1kHz, VBW = 3kHz, Sweep time = Auto, detector = Peak.
2. Use Peak search function to find the max peak value and record this value (RF).
3. Calculate frequency tolerance by below formula
$$FT(ppm) = \{ (RF) - (MF) / (MF) \} \times 1000000$$

(FT: Frequency Tolerance, RF: Reading Frequency, MF: Measurement Frequency.)

3.2.3 Test Setup



3.2.4 Test Result

Refer to Appendix B.

3.3 Occupied Bandwidth

3.3.1 Limit of Occupied Bandwidth

Spread Spectrum Method	Limit (MHz)
FHSS (compound method with DSSS or OFDM)	83.5
DSSS	26
OFDM(Narrow bandwidth)	26
OFDM(Wide bandwidth)	26 ~ 40
Other method (Except SS & OFDM)	26

3.3.2 Test Procedures

1. Set Span = 40MHz, RBW = VBW = 300kHz, detector = Peak, Sweep time = Auto.
2. Enable OBW function of spectrum analyzer to measure OBW and capture test plot.

3.3.3 Test Setup



3.3.4 Test Result

Refer to Appendix C.

3.4 Transmitter Spurious Emissions

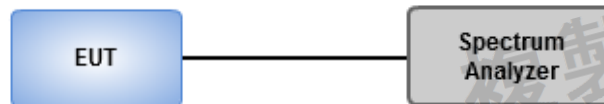
3.4.1 Limit of Transmitter Spurious Emissions

Item	Limits
Tx Spurious Emission	$\leq 2.5 \mu\text{W} / \text{MHz}$ ($2387\text{MHz} > f$; $2496.5\text{MHz} < f$).
	$\leq 25 \mu\text{W} / \text{MHz}$ ($2387\text{MHz} \leq f < 2400\text{MHz}$) and ($2483.5\text{MHz} < f \leq 2496.5\text{MHz}$).

3.4.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = VBW = 1MHz, Detector type = Peak, Sweep time = Auto.
3. Following above setting of spectrum analyzer to measure spurious emission of 30~12500 MHz.

3.4.3 Test Setup



3.4.4 Test Result

Refer to Appendix D.

3.5 Interference Prevention Function

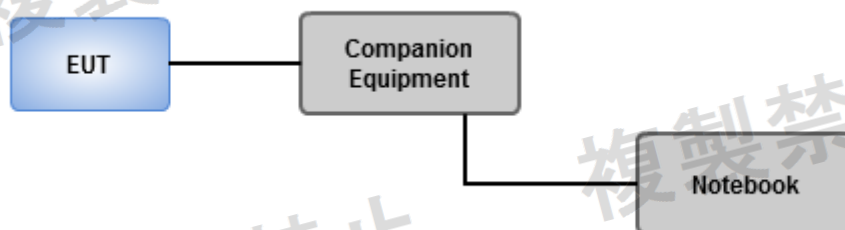
3.5.1 Limit of Interference Prevention Function

Limits
The identification code shall be 48 bits long

3.5.2 Test Procedures

1. Set EUT under operating mode and link up with companion equipment
2. Check communication status between EUT and companion equipment is normal
3. Confirm the MAC address of EUT

3.5.3 Test Setup



3.5.4 Test Result

Refer to Appendix E.

4 Receiver Test Results

4.1 Receiver Spurious Emissions

4.1.1 Limit of Receiver Spurious Emissions

Item	Limits
Rx Spurious Emission	$\leq 4\text{nW}$ ($f < 1\text{GHz}$).
	$\leq 20\text{nW}$ ($1\text{GHz} \leq f$).

4.1.2 Test Procedures

1. Set EUT under receiving condition to perform test
2. Set RBW = VBW = 100kHz, detector = Peak, Sweep time = Auto for emission measurement below 1GHz.
3. Set RBW = VBW=1MHz, detector = Peak, Sweep time = Auto for emission measurement above 1GHz.

4.1.3 Test Setup



4.1.4 Test Result

Refer to Appendix F.

5 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou
District, New Taipei City, Taiwan
(R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==



Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	6.84	4.831	5	-3.39	20	-Inf

Inf = There's no restriction for the limit.

Result

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
BT-LE(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	6.84	4.831	5	-3.39	20	-Inf
2402MHz_TnomVmin	Pass	6.83	4.819	5	-3.61	20	-Inf
2402MHz_TnomVmax	Pass	6.83	4.819	5	-3.61	20	-Inf
2440MHz_TnomVnom	Pass	6.28	4.246	5	-15.08	20	-Inf
2440MHz_TnomVmin	Pass	6.28	4.246	5	-15.08	20	-Inf
2440MHz_TnomVmax	Pass	6.29	4.256	5	-14.88	20	-Inf
2480MHz_TnomVnom	Pass	5.58	3.614	5	-27.72	20	-Inf
2480MHz_TnomVmin	Pass	5.59	3.622	5	-27.55	20	-Inf
2480MHz_TnomVmax	Pass	5.58	3.614	5	-27.72	20	-Inf

Inf = There's no restriction for the limit.



Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	6.84	4.831	10.62	11.535

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power (mW)	Power Lim. (mW)	EIRP (dBm)	EIRP (mW)	EIRP Lim. (mW)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	3.78	6.84	4.831	10	10.62	11.535	16.368
2402MHz_TnomVmin	Pass	3.78	6.83	4.819	10	10.61	11.508	16.368
2402MHz_TnomVmax	Pass	3.78	6.83	4.819	10	10.61	11.508	16.368
2440MHz_TnomVnom	Pass	3.78	6.28	4.246	10	10.06	10.139	16.368
2440MHz_TnomVmin	Pass	3.78	6.28	4.246	10	10.06	10.139	16.368
2440MHz_TnomVmax	Pass	3.78	6.29	4.256	10	10.07	10.162	16.368
2480MHz_TnomVnom	Pass	3.78	5.58	3.614	10	9.36	8.630	16.368
2480MHz_TnomVmin	Pass	3.78	5.59	3.622	10	9.37	8.650	16.368
2480MHz_TnomVmax	Pass	3.78	5.58	3.614	10	9.36	8.630	16.368

P1 = Port 1 output power;



Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.402G	2.402003084G	1.2839	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-LE(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402003083G	1.2835	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402003084G	1.2839	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402003083G	1.2835	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440003121G	1.2791	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.44000312G	1.2787	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440003119G	1.2783	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480003146G	1.2685	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480003146G	1.2685	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480003146G	1.2685	±50	1	-

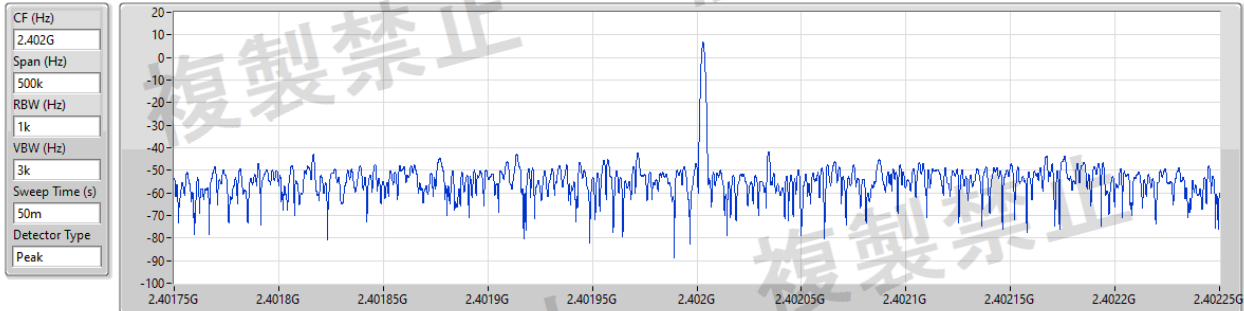


2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVnom

09/04/2026



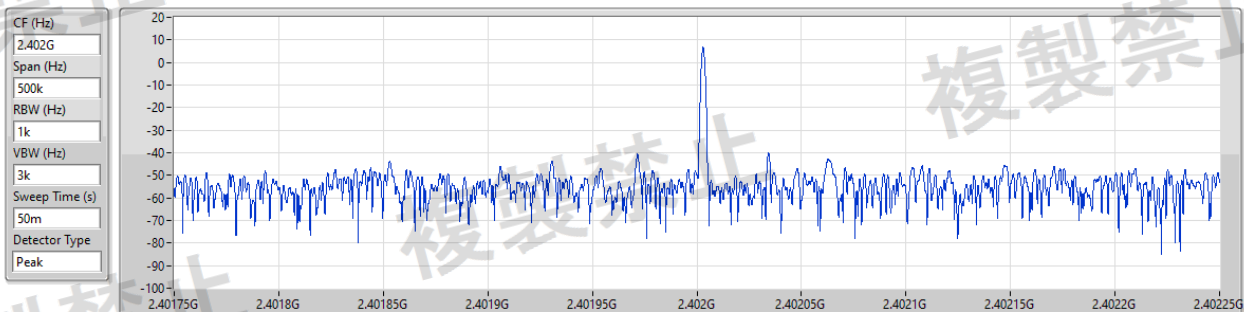
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402003083G	-	-	1.2835	±50	1	-

2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmin

09/04/2026



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402003084G	-	-	1.2839	±50	1	-



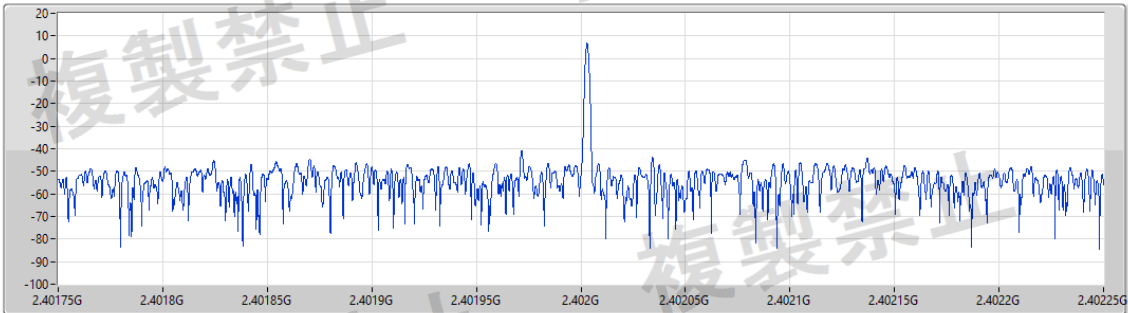
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmax

09/04/2026

CF (Hz)
2.402G
Span (Hz)
500k
RBW (Hz)
1k
VBW (Hz)
3k
Sweep Time (s)
50m
Detector Type
Peak



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402003083G	-	-	1.2835	±50	1	-

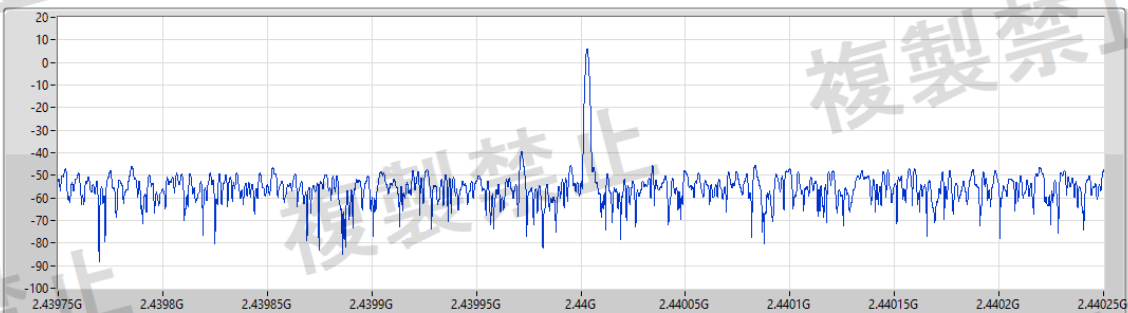
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVnom

09/04/2026

CF (Hz)
2.44G
Span (Hz)
500k
RBW (Hz)
1k
VBW (Hz)
3k
Sweep Time (s)
50m
Detector Type
Peak



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.44G	2.440003121G	-	-	1.2791	±50	1	-



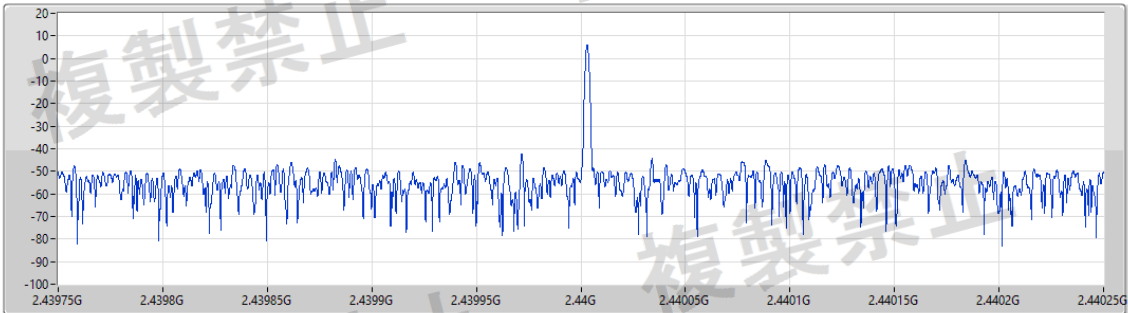
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmin

09/04/2026

CF (Hz)
2.44G
Span (Hz)
500k
RBW (Hz)
1k
VBW (Hz)
3k
Sweep Time (s)
50m
Detector Type
Peak



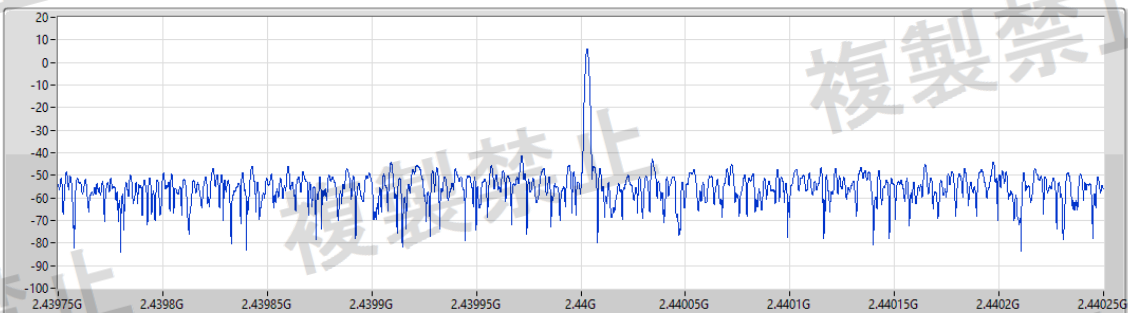
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmax

09/04/2026

CF (Hz)
2.44G
Span (Hz)
500k
RBW (Hz)
1k
VBW (Hz)
3k
Sweep Time (s)
50m
Detector Type
Peak





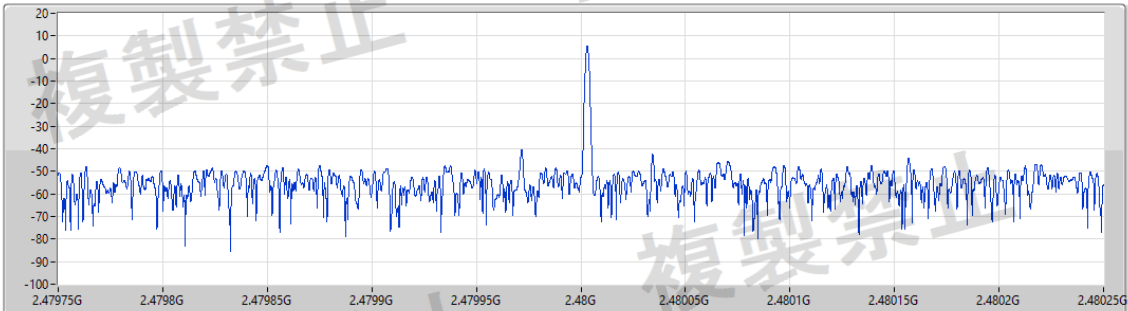
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2480MHz_TnomVnom

09/04/2026

CF (Hz)
2.48G
Span (Hz)
500k
RBW (Hz)
1k
VBW (Hz)
3k
Sweep Time (s)
50m
Detector Type
Peak



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.48G	2.480003146G	-	-	1.2685	±50	1	-

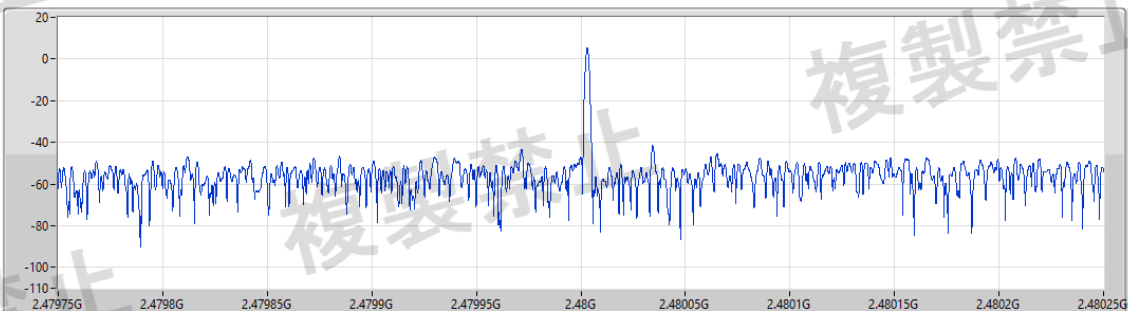
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

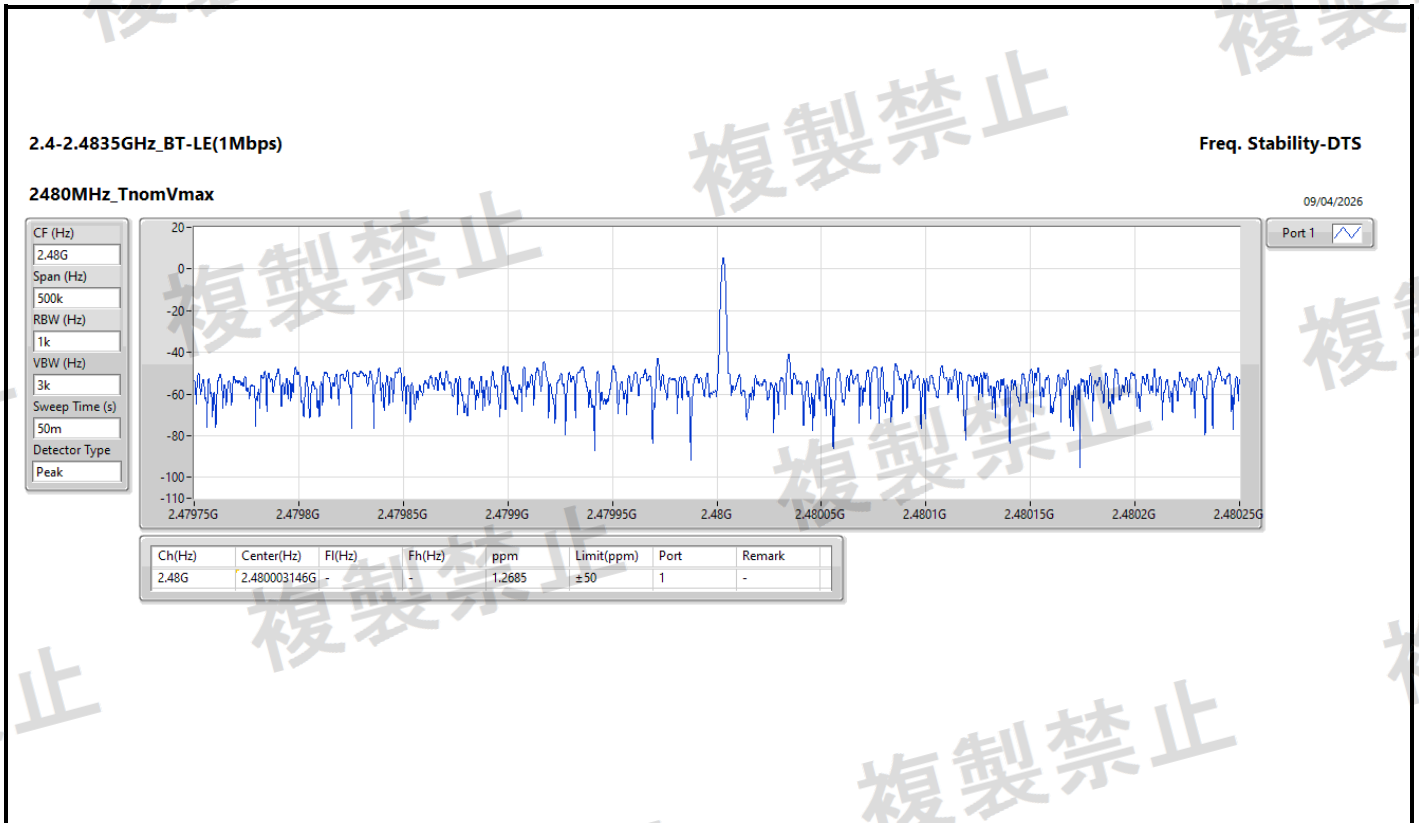
2480MHz_TnomVmin

09/04/2026

CF (Hz)
2.48G
Span (Hz)
500k
RBW (Hz)
1k
VBW (Hz)
3k
Sweep Time (s)
50m
Detector Type
Peak



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.48G	2.480003146G	-	-	1.2685	±50	1	-





Occupied Bandwidth

Appendix C

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(1Mbps)	1.276M	1M28F1D	1.266M

Max-OBW = Maximum 99% occupied bandwidth; Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
BT-LE(1Mbps)	-	-	-
2402MHz_TnomVnom	Pass	26M	1.266M
2402MHz_TnomVmin	Pass	26M	1.266M
2402MHz_TnomVmax	Pass	26M	1.266M
2440MHz_TnomVnom	Pass	26M	1.276M
2440MHz_TnomVmin	Pass	26M	1.274M
2440MHz_TnomVmax	Pass	26M	1.276M
2480MHz_TnomVnom	Pass	26M	1.275M
2480MHz_TnomVmin	Pass	26M	1.275M
2480MHz_TnomVmax	Pass	26M	1.275M

P1-OBW = Port 1 99% occupied bandwidth;

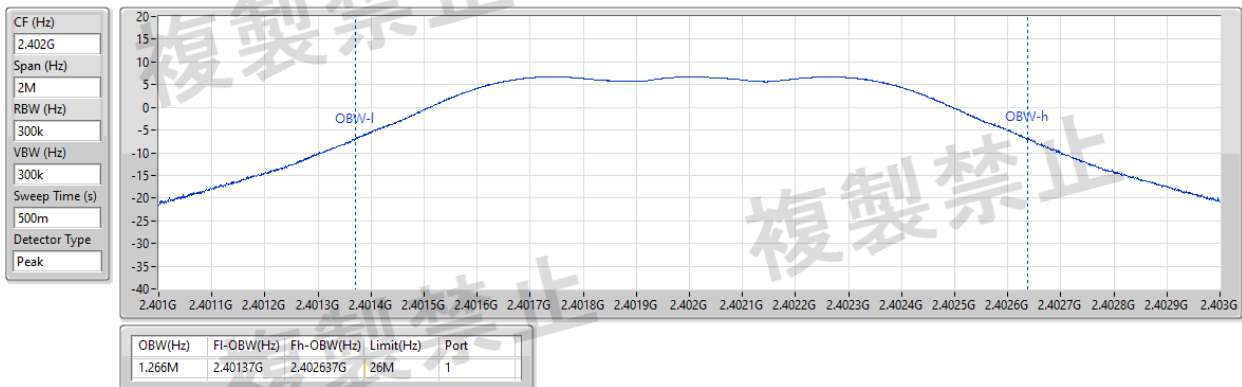


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVnom

09/04/2026

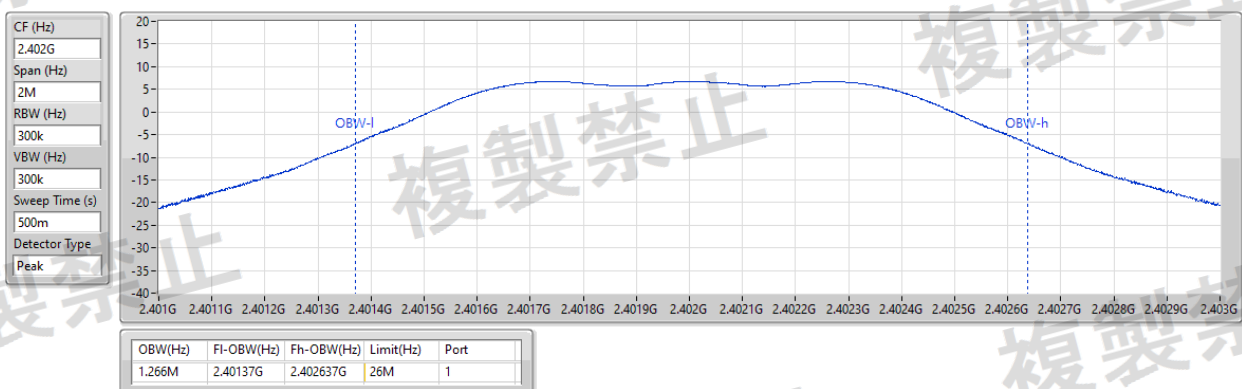


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmin

09/04/2026



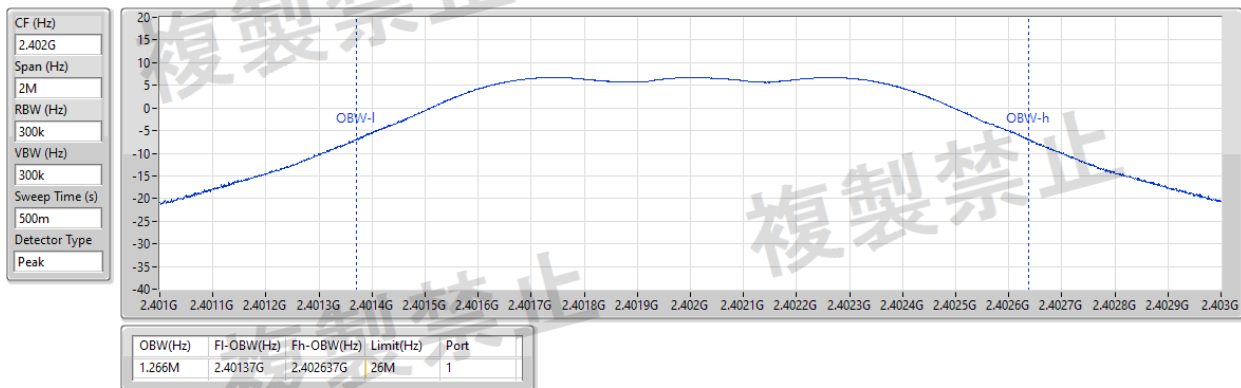


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmax

09/04/2026

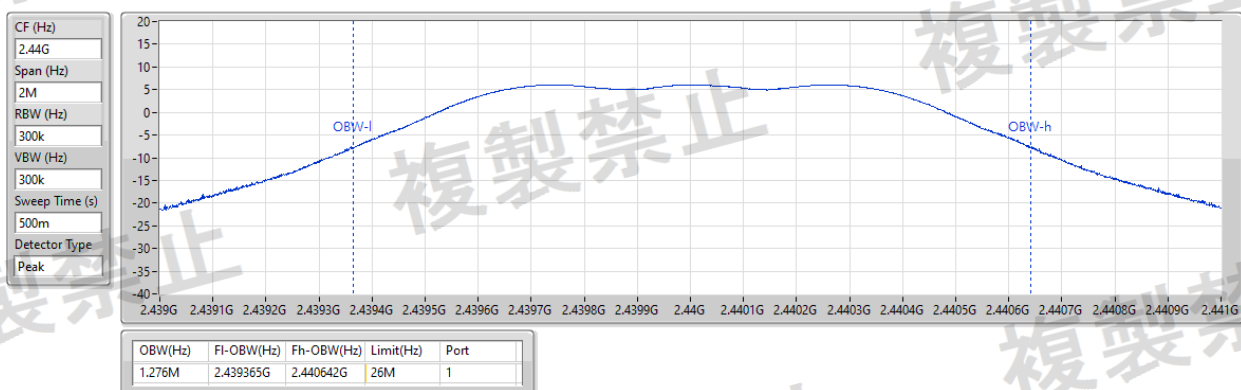


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVnom

09/04/2026



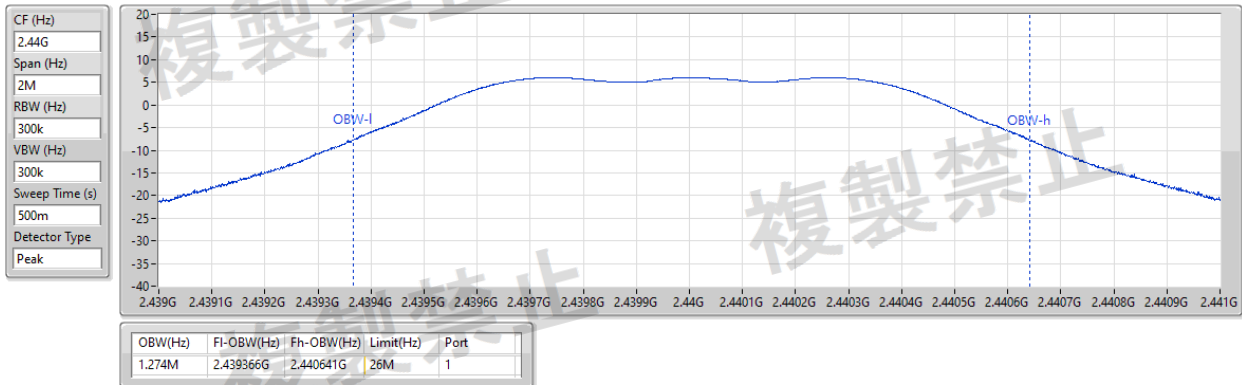


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmin

09/04/2026

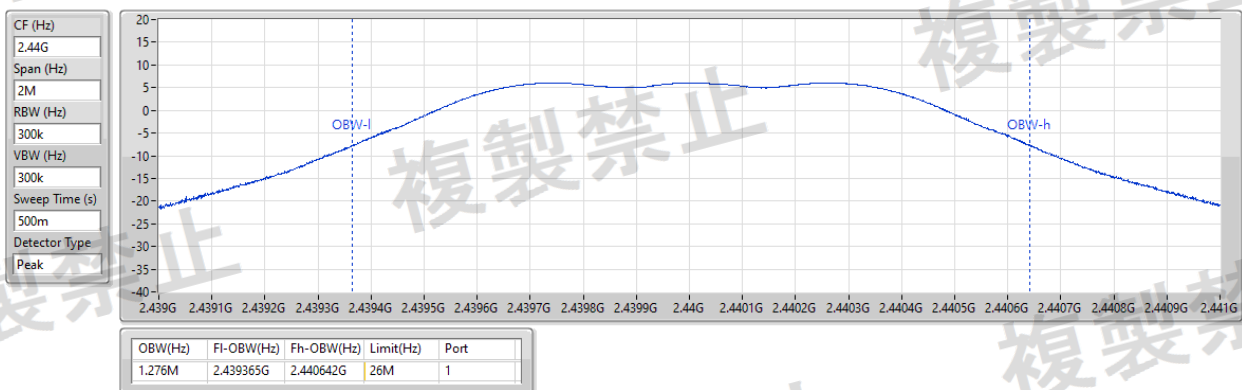


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmax

09/04/2026



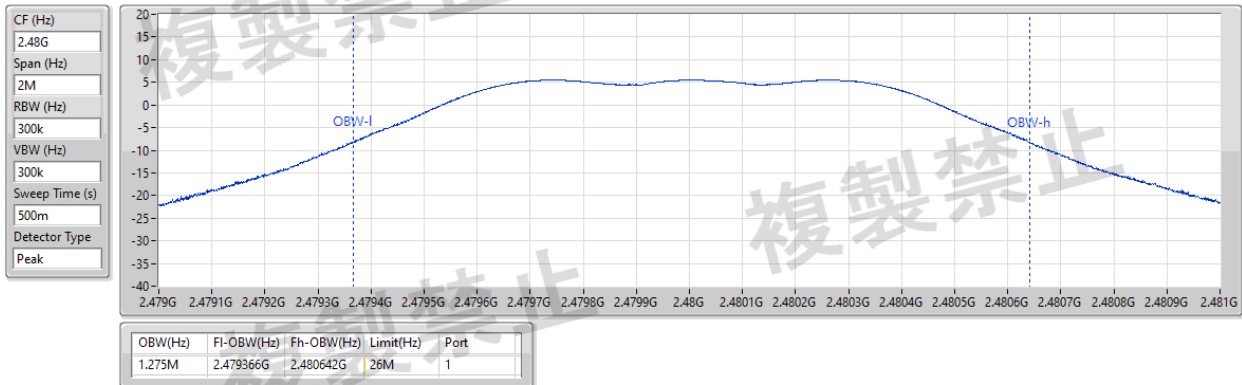


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVnom

09/04/2026

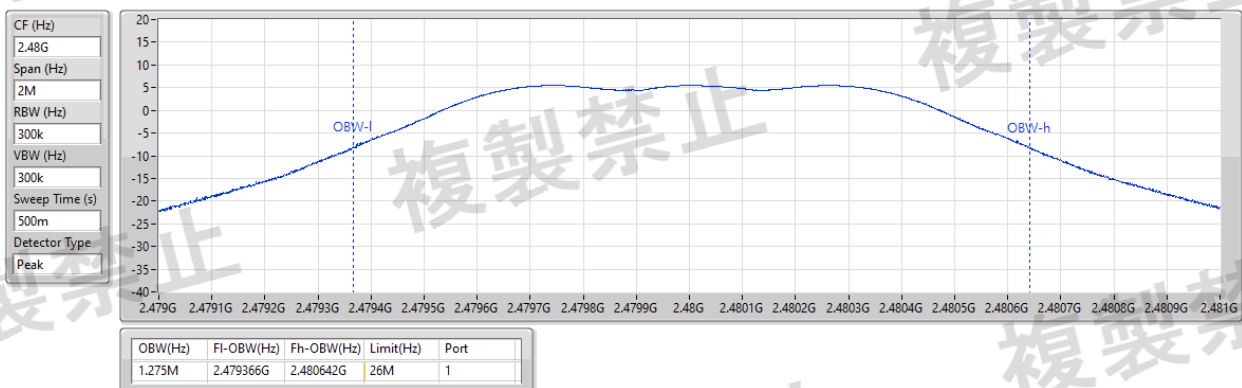


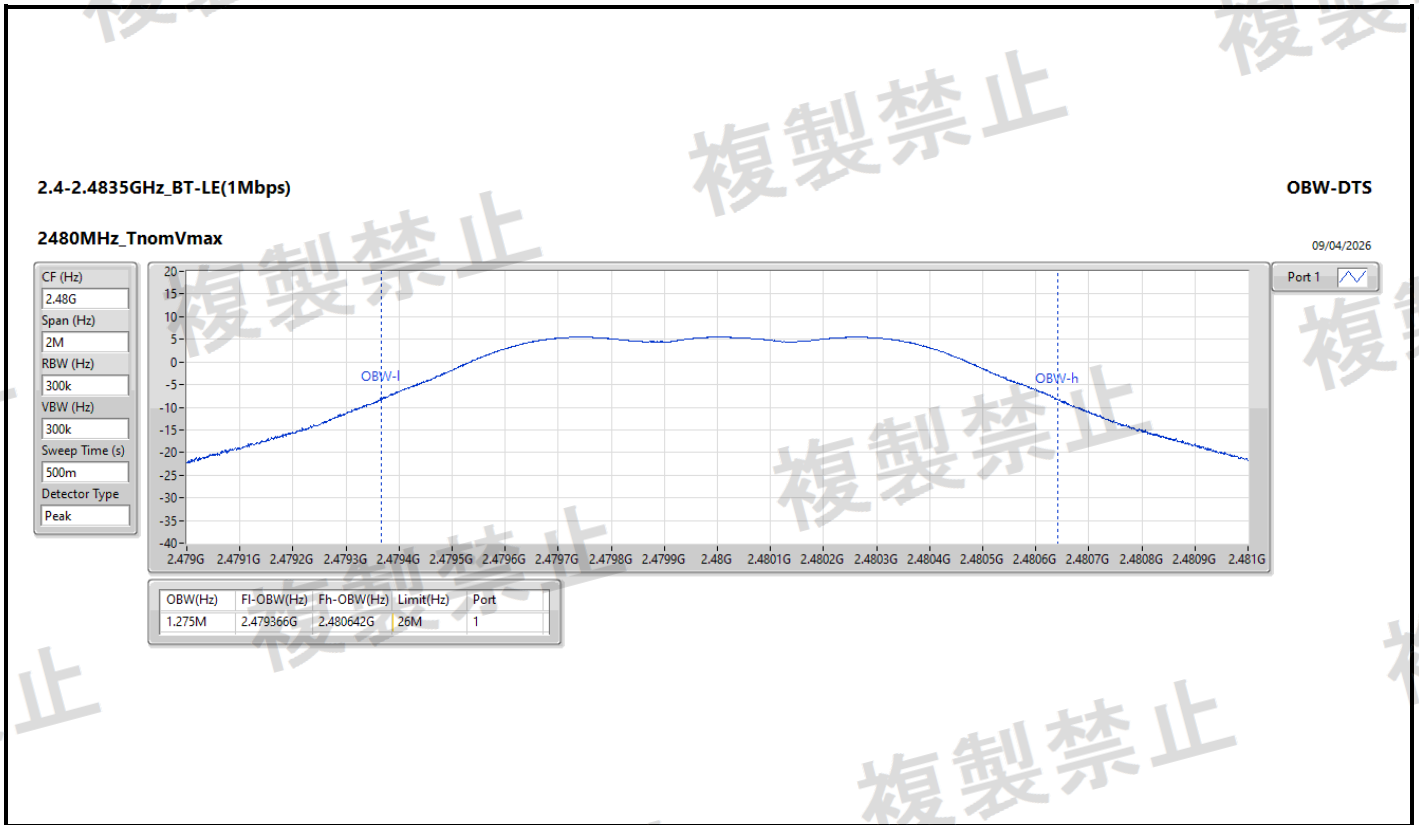
2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVmin

09/04/2026







Transmitter Spurious Emissions

Appendix D

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.387G	2.4G	1M	2.4G	-29.74	1.0617	-16.02	25

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2.27394G	-53.33	0.00465	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-29.75	1.05925	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.488G	-53.01	0.005	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	9.60711G	-40.95	0.08035	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	2.38317G	-53.64	0.00433	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.4G	-29.74	1.0617	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.49234G	-52.98	0.00504	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	9.60711G	-40.82	0.08279	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.31496G	-53.57	0.0044	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.4G	-29.79	1.04954	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.4944G	-52.97	0.00505	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	9.60836G	-40.91	0.0811	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.37558G	-51.15	0.00767	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39199G	-52.84	0.0052	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48967G	-52.82	0.00522	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	9.76029G	-43.49	0.04477	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	2.33006G	-53.65	0.00432	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39194G	-52.42	0.00573	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48504G	-52.74	0.00532	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	9.76029G	-43.84	0.0413	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	2.2159G	-53.47	0.0045	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39251G	-53.31	0.00467	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48588G	-52.95	0.00507	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	9.75935G	-44.22	0.03784	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.35187G	-53.18	0.00481	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39878G	-53.29	0.00469	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4835G	-49.32	0.01169	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	9.92066G	-45.48	0.02831	-26.02	2.5
2480MHz_TnomVmin	Pass	30M	2.387G	1M	2.35201G	-52.72	0.00535	-26.02	2.5
2480MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39843G	-53.61	0.00436	-16.02	25
2480MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48359G	-49.21	0.01199	-16.02	25
2480MHz_TnomVmin	Pass	2.4965G	12.5G	1M	9.92097G	-45.82	0.02618	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	2.35209G	-52.66	0.00542	-26.02	2.5
2480MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39159G	-53.52	0.00445	-16.02	25
2480MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48372G	-49.51	0.01119	-16.02	25
2480MHz_TnomVmax	Pass	2.4965G	12.5G	1M	9.92097G	-44.89	0.03243	-26.02	2.5

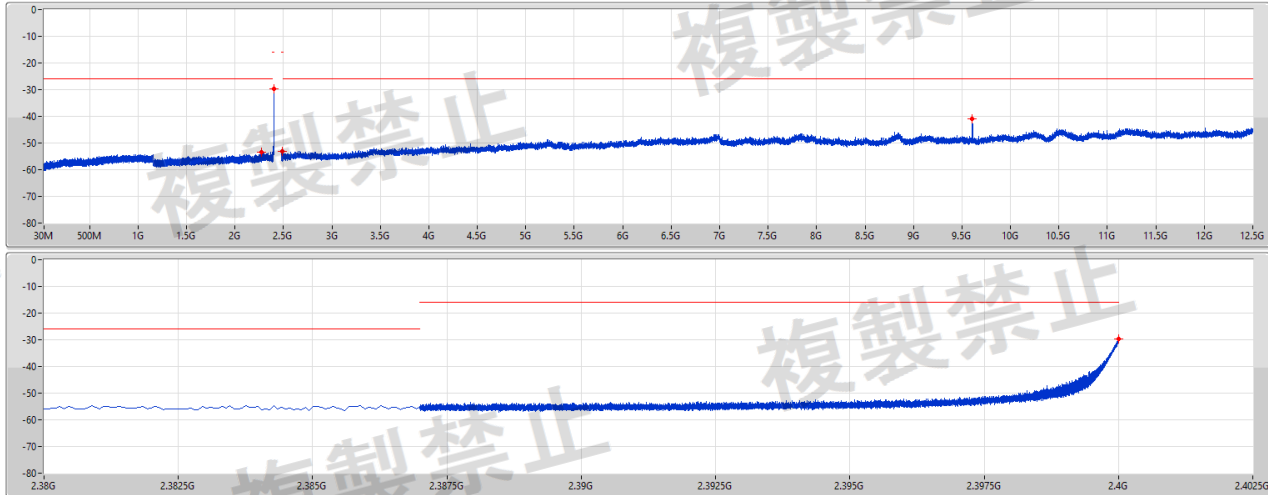


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

09/04/2026



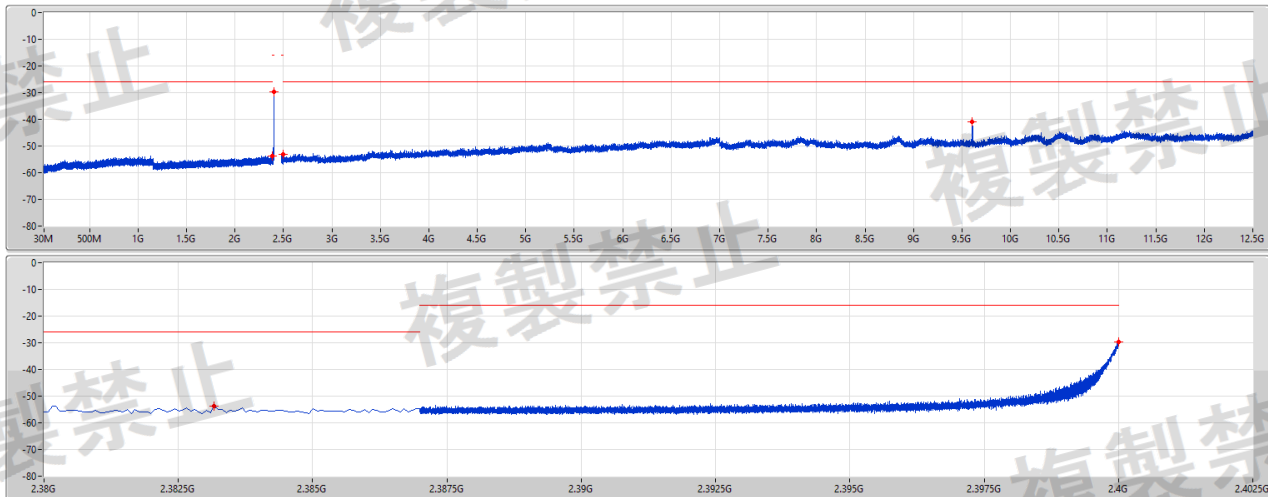
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.27394G	-53.33	-26.02	-27.31	-53.33
2.387G	2.4G	2.4G	-29.75	-16.02	-13.73	-29.75
2.4835G	2.4965G	2.488G	-53.01	-16.02	-36.99	-53.01
2.4965G	12.5G	9.60711G	-40.95	-26.02	-14.93	-40.95

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmin

09/04/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38117G	-53.64	-26.02	-27.62	-53.64
2.387G	2.4G	2.4G	-29.74	-16.02	-13.72	-29.74
2.4835G	2.4965G	2.49224G	-52.98	-16.02	-36.96	-52.98
2.4965G	12.5G	9.60711G	-40.82	-26.02	-14.80	-40.82

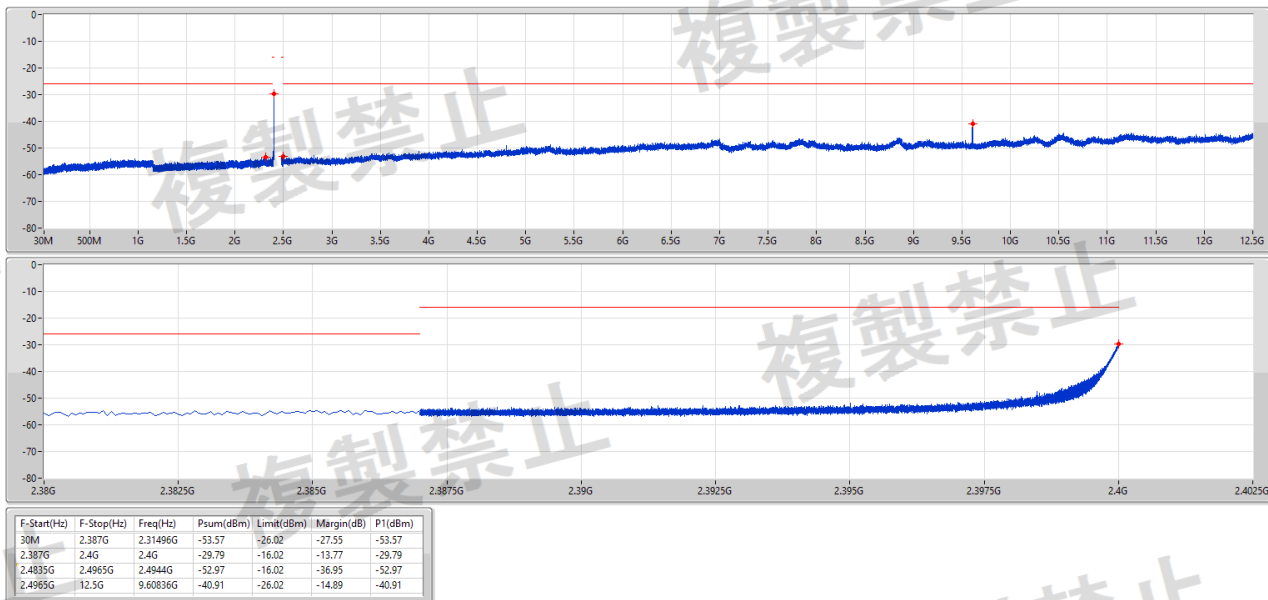


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmax

09/04/2026

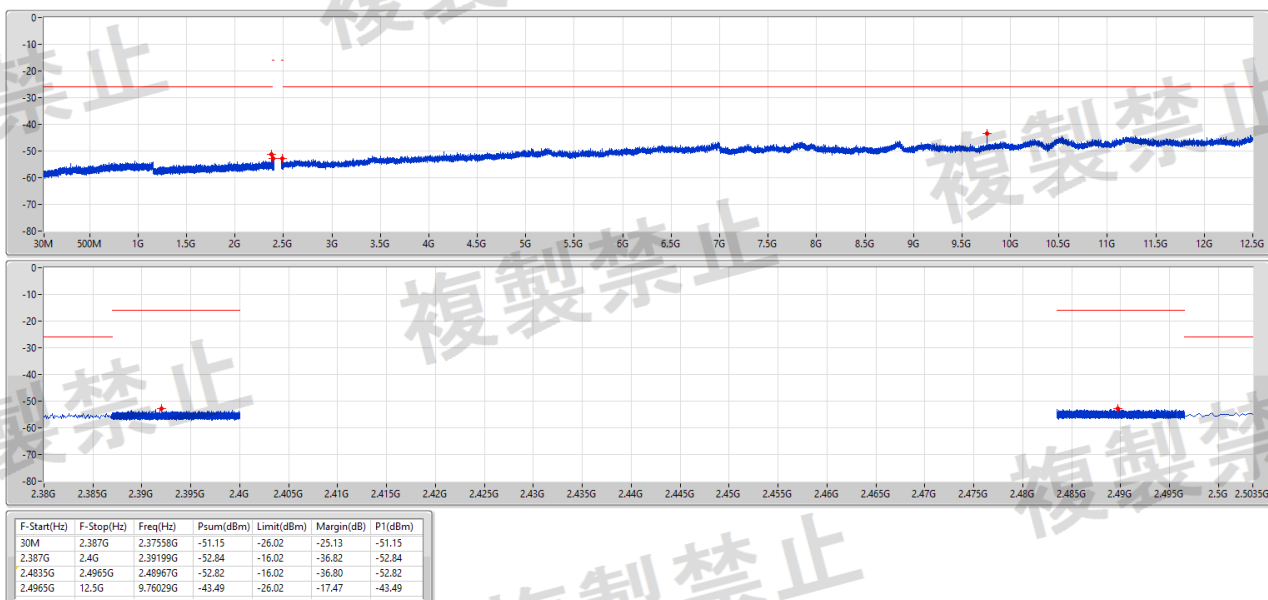


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

09/04/2026



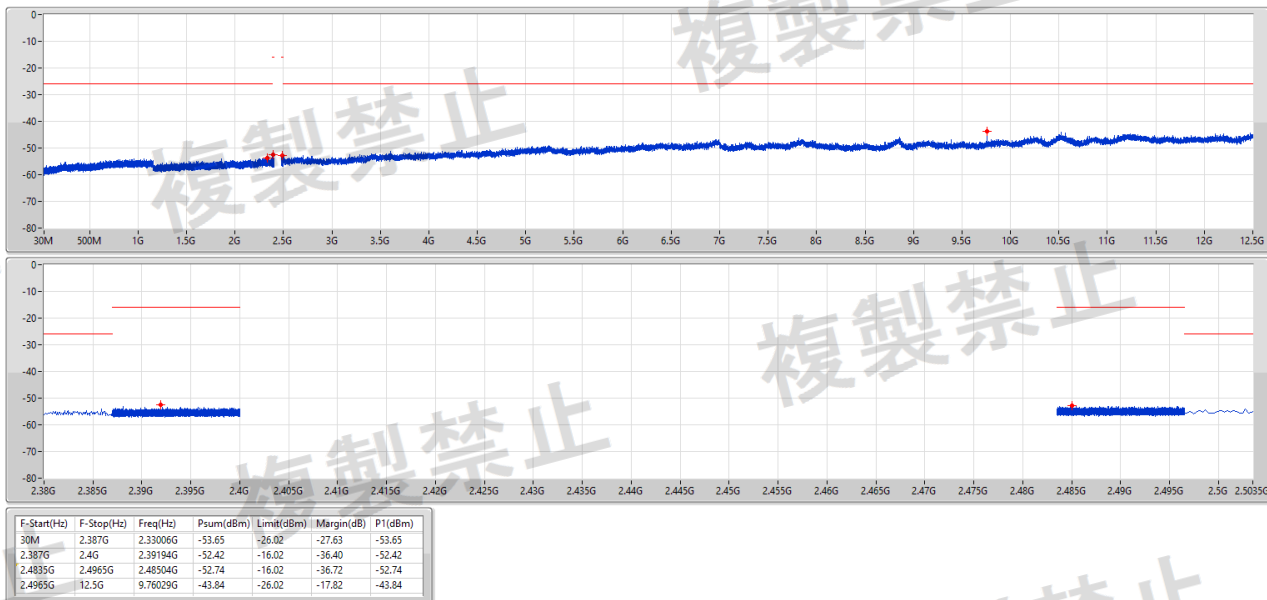


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmin

09/04/2026

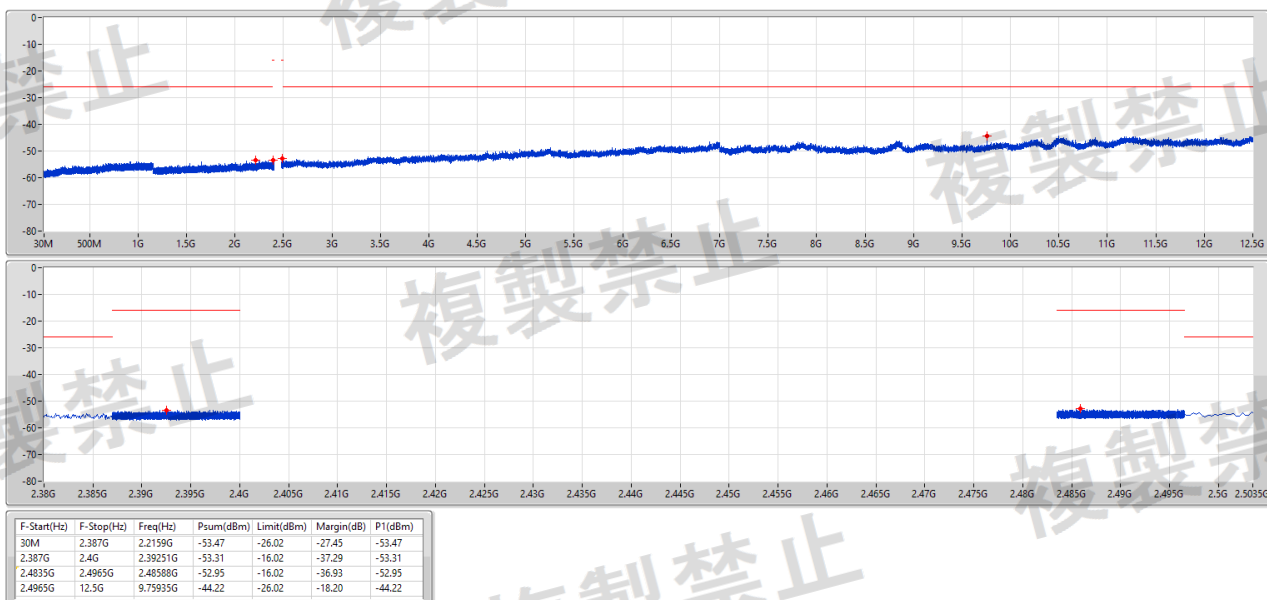


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmax

09/04/2026



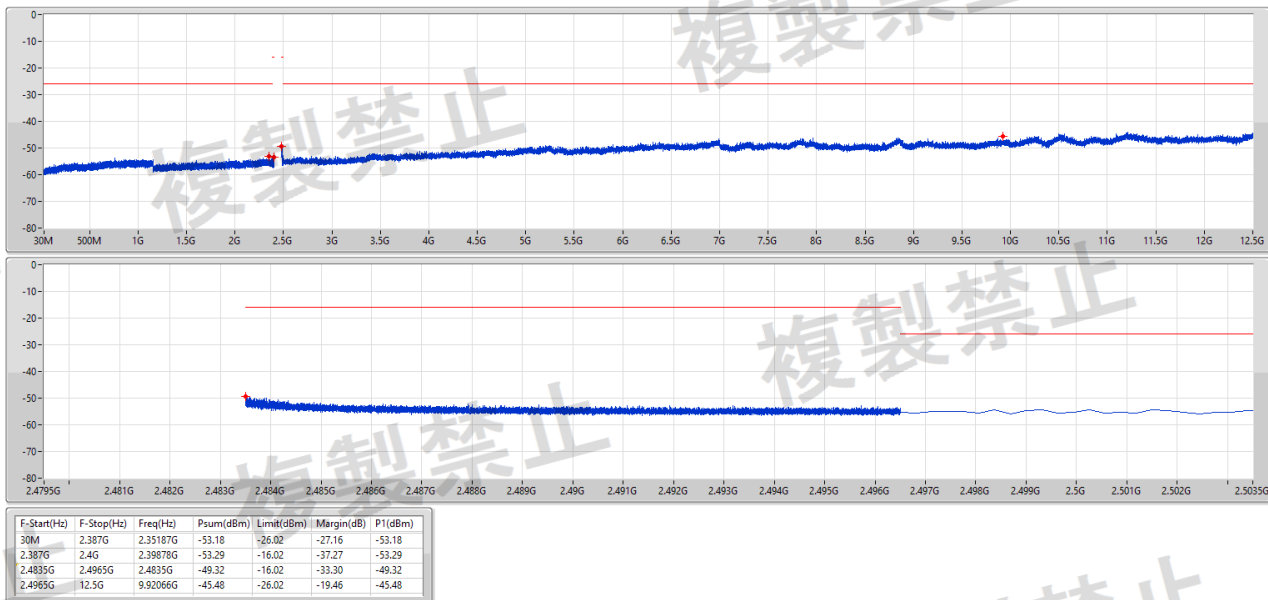


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVnom

09/04/2026

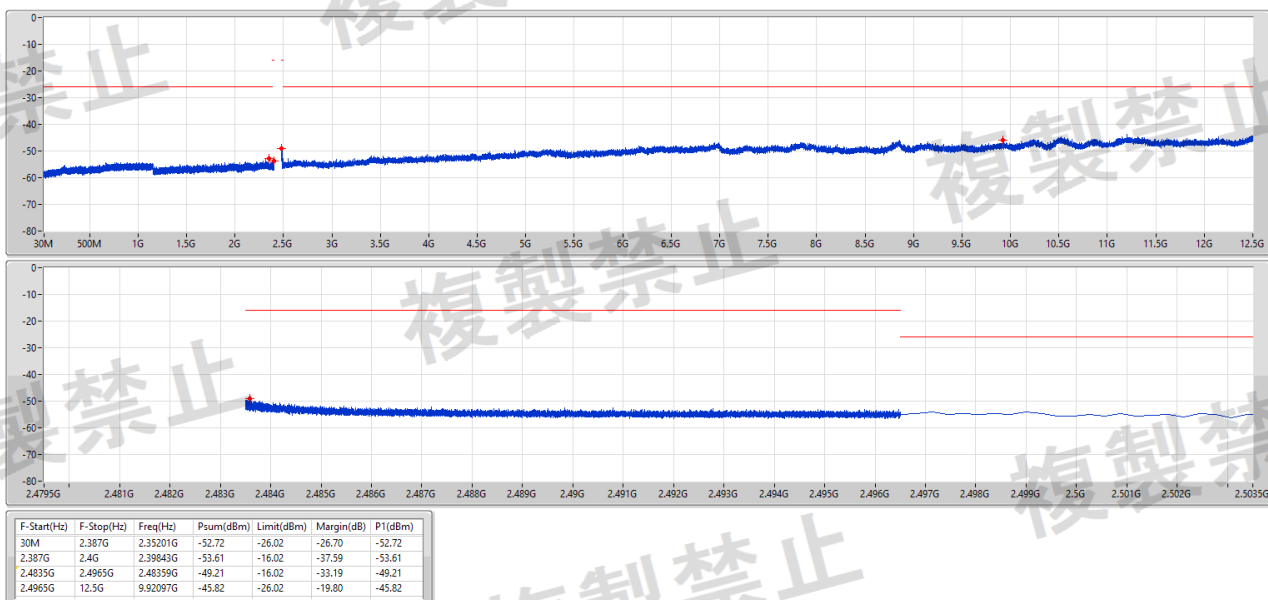


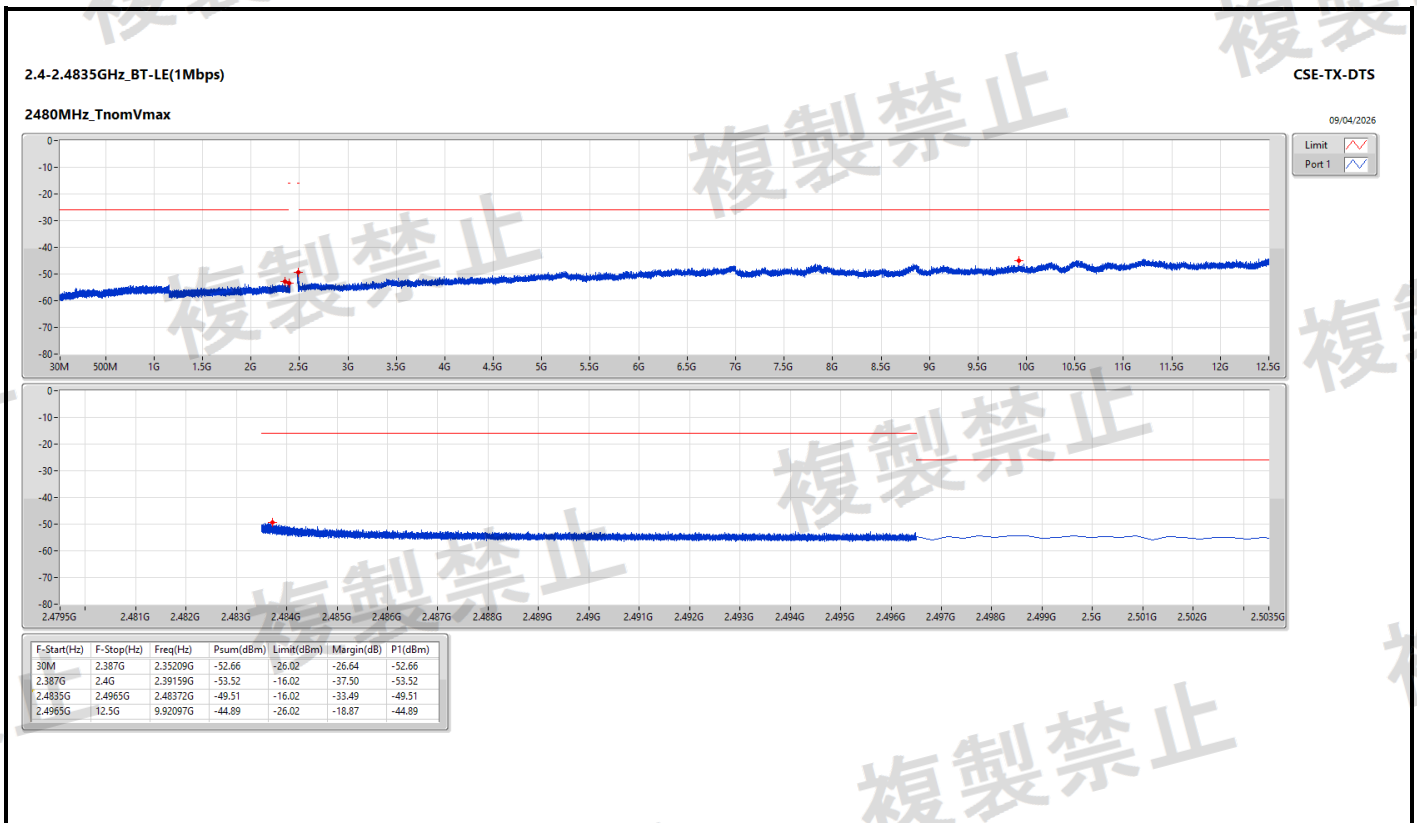
2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVmin

09/04/2026





**Summary**

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	Pass	A0:28:84:8E:4D:9B	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2402MHz_TnomVmin	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2402MHz_TnomVmax	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2440MHz_TnomVnom	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2440MHz_TnomVmin	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2440MHz_TnomVmax	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2480MHz_TnomVnom	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2480MHz_TnomVmin	Pass	A0:28:84:8E:4D:9B	48 bits	Good
2480MHz_TnomVmax	Pass	A0:28:84:8E:4D:9B	48 bits	Good



Receiver Spurious Emissions

Appendix F

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	30M	1G	100k	320M	-77.40	0.0182	-53.98	4

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	320M	-77.40	0.0182	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	12.5G	-74.46	0.03581	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	320.09M	-79.95	0.01012	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	11.21092G	-74.70	0.03388	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	320.03M	-78.61	0.01377	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	11.22458G	-74.55	0.03508	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	320.06M	-78.78	0.01324	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	10.499G	-74.85	0.03273	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	320.03M	-77.63	0.01726	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	12.49138G	-74.37	0.03656	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	320.03M	-78.18	0.01521	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	12.47484G	-74.69	0.03396	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	320.03M	-78.07	0.0156	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	12.45903G	-73.91	0.04064	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	320.09M	-80.09	0.00979	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	12.46478G	-74.41	0.03622	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	320.03M	-78.22	0.01507	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	11.20481G	-74.59	0.03475	-46.99	20

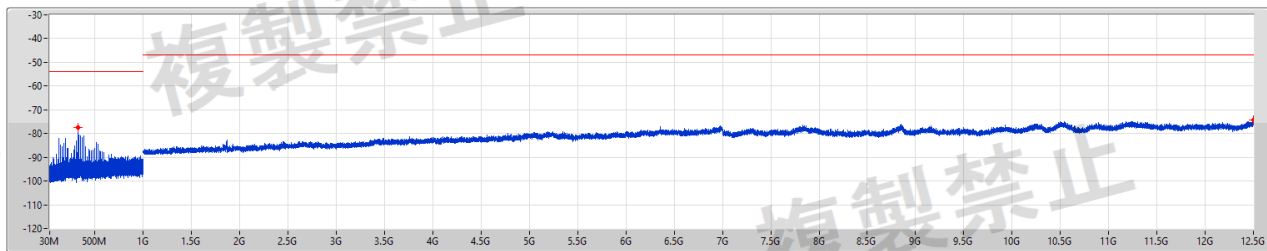


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVnom

09/04/2026



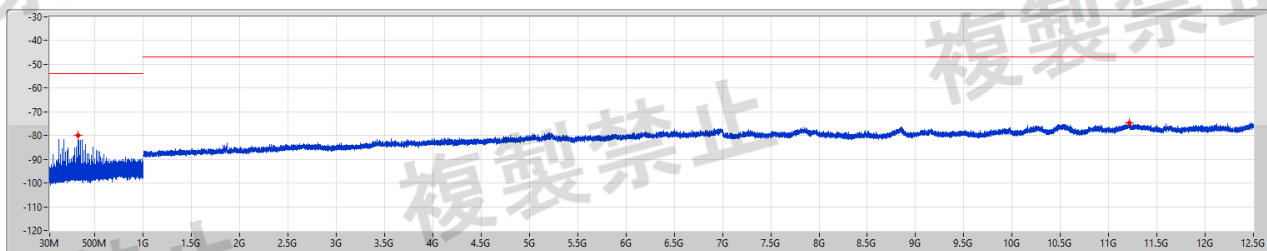
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	320M	-77.40	-53.98	-23.42	-77.40
1G	12.5G	12.5G	-74.46	-46.99	-27.47	-74.46

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmin

09/04/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	320.09M	-79.95	-53.98	-25.97	-79.95
1G	12.5G	11.21092G	-74.70	-46.99	-27.71	-74.70

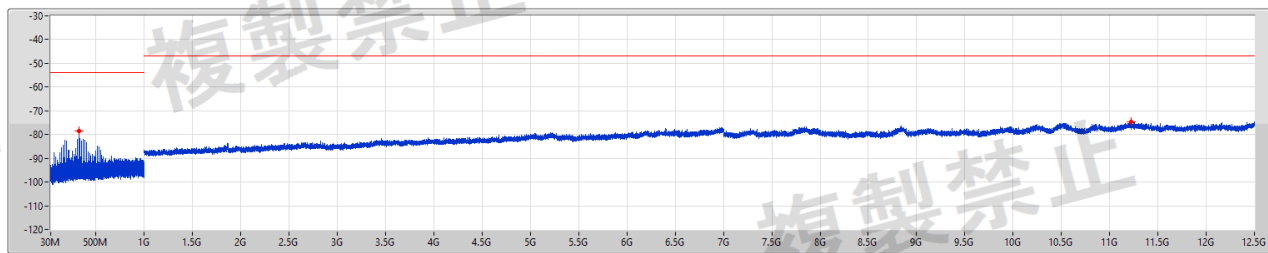


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmax

09/04/2026

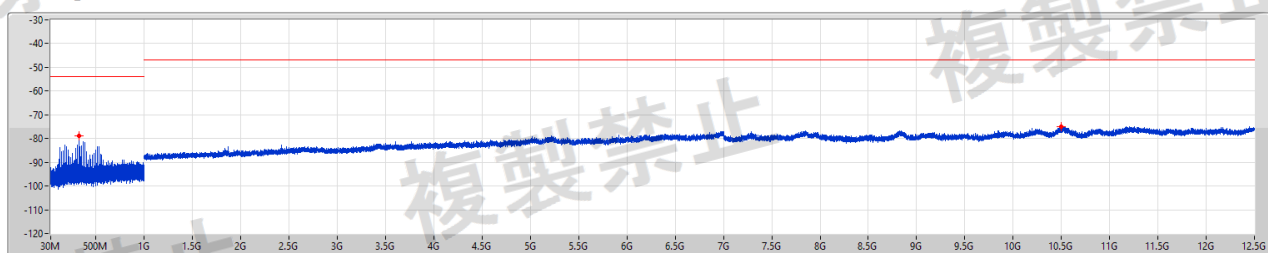


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVnom

09/04/2026



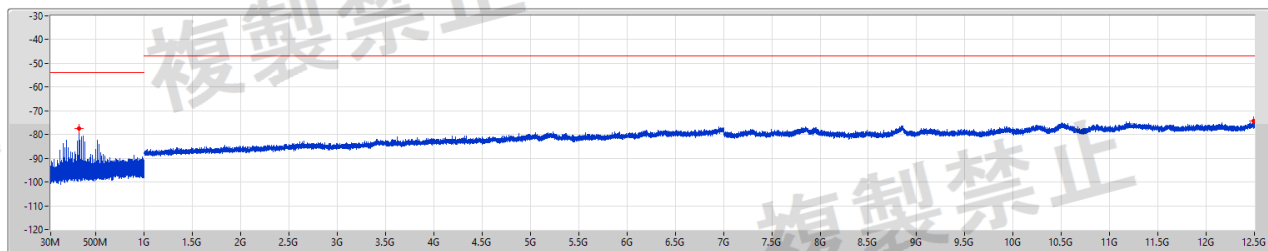


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmin

09/04/2026



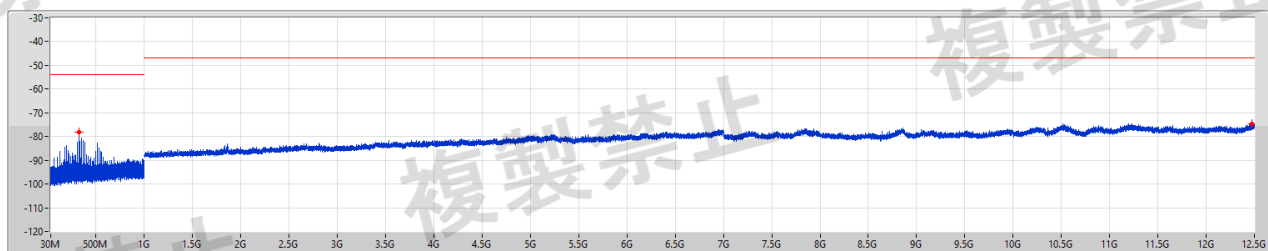
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	320.03M	-77.63	-53.98	-23.65	-77.63
1G	12.5G	12.49138G	-74.37	-46.99	-27.38	-74.37

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmax

09/04/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	320.03M	-78.18	-53.98	-24.20	-78.18
1G	12.5G	12.47484G	-74.69	-46.99	-27.70	-74.69

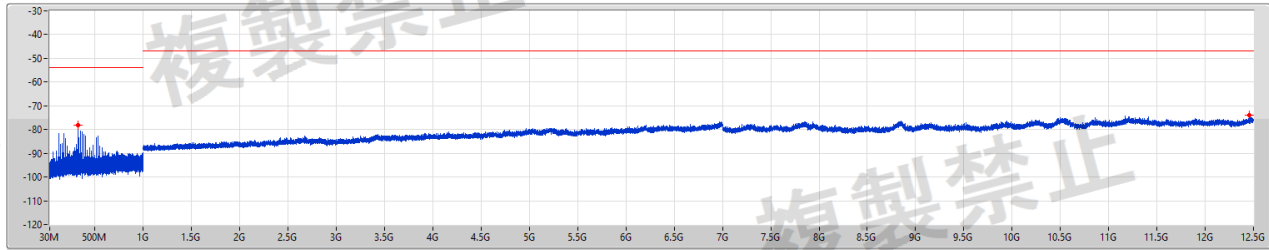


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2480MHz_TnomVnom

09/04/2026



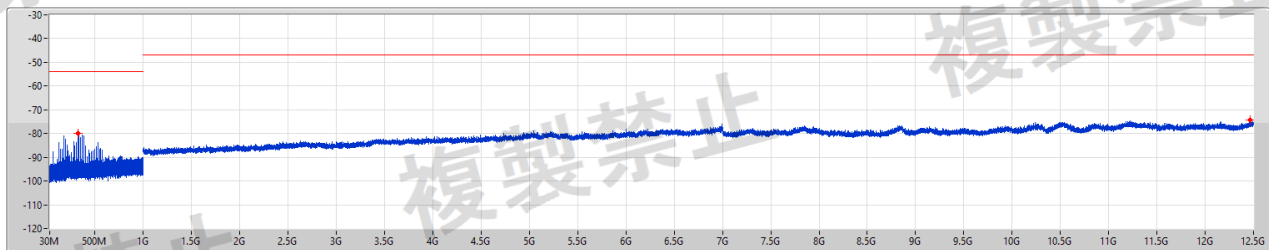
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	320.03M	-78.07	-53.98	-24.09	-78.07
1G	12.5G	12.45903G	-73.91	-46.99	-26.92	-73.91

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2480MHz_TnomVmin

09/04/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	320.09M	-80.09	-53.98	-26.11	-80.09
1G	12.5G	12.46478G	-74.41	-46.99	-27.42	-74.41

