

Japan Test Report

Equipment : Meter/IVI
Model No. : HAWW
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 : Feb. 12, 2025
Tested Date : Nov. 04 ~ Nov. 13, 2025

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
JR521201AE	Rev. 01	Initial issue	Dec. 03, 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

1.1.1 Specification of the Equipment under Test (EUT)

Power Type	DC 12V
Type(s) of Modulation / Technology	GFSK = 1Mbps / 2Mbps
Frequency Range (MHz)	2402 ~ 2480 MHz
Total Channel Number	40
HW Version	A
SW Version	v2.00

1.1.2 Accessories

N/A

1.1.3 Antenna Details

Brand	Model	Type	Connector	Gain (dBi)	Remarks
INPAQ	700-00228-00	PCB	IPEX	4.8	Combo chip
INPAQ	717-00180-00	Chip	NA	4.95	Chip 1
INPAQ	717-00180-00	Chip	NA	1.29	Chip 2

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

1.1.4 Chip Information

Chip	Model name	Description
Combo chip	AW611	WIFI / BT EDR + BLE
Chip 1	AW300	BT EDR + BLE
Chip 2	AW300	BT EDR + BLE

1.1.5 Antenna Power

Configuration 1: Combo chip, model AW611

Operating Mode	Rated Power (mW)	Measured Conducted Power (mW)	Radiated Power (mW)
BT-LE-1Mbps	1.5	1.409	4.256

Configuration 2: Chip 1, model AW300

Operating Mode	Rated Power (mW)	Measured Conducted Power (mW)	Radiated Power (mW)
BT-LE-1Mbps	1.7	1.641	5.129
BT-LE-2Mbps	1.7	1.633	5.105

Configuration 3: Chip 2, model AW300

Operating Mode	Rated Power (mW)	Measured Conducted Power (mW)	Radiated Power (mW)
BT-LE-1Mbps	1.3	1.271	1.710
BT-LE-2Mbps	1.3	1.274	1.714

1.1.6 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

1.1.7 Test Tool and Power Index

Test Tool
By hardware, Version: [1.25], [1.23], [2.23]

Power Index		
Modulation Mode	Test Frequency (MHz)	
	BT-LE-1Mbps	BT-LE-2Mbps
2402	Default	Default
2440	Default	Default
2480	Default	Default

1.1.8 Test Voltage

Test Voltage	☒ Vnom (12 Vdc)	☒ Vmax (16 Vdc)	☒ Vmin (10 Vdc)
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1.1.9 Protection Method for High Frequency and Modulation Section

Protected Method	Description
Glue Case	RF and Modulation components are covered within case of EUT and this case used Glue to protect anybody to open this case. Then use the glue to compress tightly and protect the outer cover is not opened easily. The glue will be damaged and calibration function will be broken that causes measured value will be incorrect if the cover was opened.

1.2 Test Equipment and Calibration Data

Test Item	RF Conducted						
Test Site	(TH01-WS)						
Tested Date	Nov. 04 ~ Nov. 13, 2025						
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until	Calibration Authority	Calibration Method
Spectrum Analyzer	R&S	FSV40	101486	Mar. 03, 2025	Mar. 02, 2026	ETC	(C)
DC POWER SOURCE	GW INSTEK	GPE-6030	GEZ824073	Oct. 27, 2025	Oct. 26, 2026	ETC	(C)
Power Sensor	Anritsu	MA2411B	1207367	Feb. 18, 2025	Feb. 17, 2026	ETC	(C)
Power Meter	Anritsu	ML2495A	1218007	Feb. 18, 2025	Feb. 17, 2026	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

- 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.
- 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.
- 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).
- 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	20.6°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 BT-LE-2Mbps	2402 / 2440 / 2480
NOTE: 1. The EUT had been tested by following test configurations. 1) Configuration 1: Combo chip, model AW611 2) Configuration 2: Chip 1, model AW300 3) Configuration 3: Chip 2, model AW300		

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 Results

Refer to Appendix A.

3.2 Frequency Tolerance

3.2.1 Limit of Frequency Tolerance

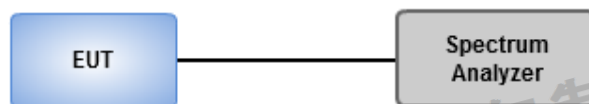
Frequency tolerance shall be +/- 50ppm.

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 Results

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 Results

Refer to Appendix C.

3.4 Transmitter Spurious Emissions

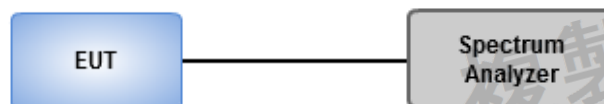
3.4.1 Limit of Transmitter Spurious Emissions

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 Results

Refer to Appendix D.

3.5 Interference Prevention Function

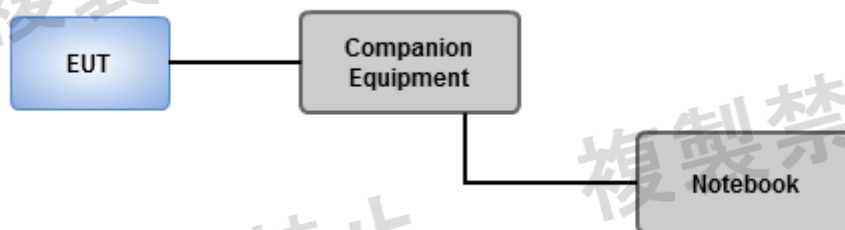
3.5.1 Limit of Interference Prevention Function

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 Results

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 Results

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==



Configuration 1: Combo chip, model AW611

Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	1.49	1.409	6.29	4.256

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	4.80	1.48	1.406	10	6.28	4.246	16.368
2402MHz_TnomVmin	Pass	4.80	1.48	1.406	10	6.28	4.246	16.368
2402MHz_TnomVmax	Pass	4.80	1.49	1.409	10	6.29	4.256	16.368
2440MHz_TnomVnom	Pass	4.80	1.46	1.400	10	6.26	4.227	16.368
2440MHz_TnomVmin	Pass	4.80	1.45	1.396	10	6.25	4.217	16.368
2440MHz_TnomVmax	Pass	4.80	1.45	1.396	10	6.25	4.217	16.368
2480MHz_TnomVnom	Pass	4.80	1.29	1.346	10	6.09	4.064	16.368
2480MHz_TnomVmin	Pass	4.80	1.30	1.349	10	6.10	4.074	16.368
2480MHz_TnomVmax	Pass	4.80	1.29	1.346	10	6.09	4.064	16.368



Configuration 1: Combo chip, model AW611

Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	1.49	1.409	1.5	-6.05	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	1.48	1.406	1.5	-6.26	20	-Inf
2402MHz_TnomVmin	Pass	1.48	1.406	1.5	-6.26	20	-Inf
2402MHz_TnomVmax	Pass	1.49	1.409	1.5	-6.05	20	-Inf
2440MHz_TnomVnom	Pass	1.46	1.400	1.5	-6.69	20	-Inf
2440MHz_TnomVmin	Pass	1.45	1.396	1.5	-6.91	20	-Inf
2440MHz_TnomVmax	Pass	1.45	1.396	1.5	-6.91	20	-Inf
2480MHz_TnomVnom	Pass	1.29	1.346	1.5	-10.28	20	-Inf
2480MHz_TnomVmin	Pass	1.30	1.349	1.5	-10.07	20	-Inf
2480MHz_TnomVmax	Pass	1.29	1.346	1.5	-10.28	20	-Inf

Inf = There's no restriction for the limit.



Configuration 2: Chip 1, model AW300

Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	2.15	1.641	7.10	5.129

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	4.95	1.97	1.574	10	6.92	4.920	16.368
2402MHz_TnomVmin	Pass	4.95	1.96	1.570	10	6.91	4.909	16.368
2402MHz_TnomVmax	Pass	4.95	1.96	1.570	10	6.91	4.909	16.368
2440MHz_TnomVnom	Pass	4.95	2.14	1.637	10	7.09	5.117	16.368
2440MHz_TnomVmin	Pass	4.95	2.14	1.637	10	7.09	5.117	16.368
2440MHz_TnomVmax	Pass	4.95	2.15	1.641	10	7.10	5.129	16.368
2480MHz_TnomVnom	Pass	4.95	1.97	1.574	10	6.92	4.920	16.368
2480MHz_TnomVmin	Pass	4.95	1.98	1.578	10	6.93	4.932	16.368
2480MHz_TnomVmax	Pass	4.95	1.97	1.574	10	6.92	4.920	16.368



Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(2Mbps)	2.13	1.633	7.08	5.105

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power (mW)	Power Lim. (mW)	EIRP (dBm)	EIRP (mW)	EIRP Lim. (mW)
BT-LE(2Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	4.95	1.96	1.570	10	6.91	4.909	16.368
2402MHz_TnomVmin	Pass	4.95	1.96	1.570	10	6.91	4.909	16.368
2402MHz_TnomVmax	Pass	4.95	1.97	1.574	10	6.92	4.920	16.368
2440MHz_TnomVnom	Pass	4.95	2.13	1.633	10	7.08	5.105	16.368
2440MHz_TnomVmin	Pass	4.95	2.12	1.629	10	7.07	5.093	16.368
2440MHz_TnomVmax	Pass	4.95	2.12	1.629	10	7.07	5.093	16.368
2480MHz_TnomVnom	Pass	4.95	1.97	1.574	10	6.92	4.920	16.368
2480MHz_TnomVmin	Pass	4.95	1.98	1.578	10	6.93	4.932	16.368
2480MHz_TnomVmax	Pass	4.95	1.97	1.574	10	6.92	4.920	16.368



Configuration 2: Chip 1, model AW300

Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.15	1.641	1.7	-3.49	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	1.97	1.574	1.7	-7.41	20	-Inf
2402MHz_TnomVmin	Pass	1.96	1.570	1.7	-7.63	20	-Inf
2402MHz_TnomVmax	Pass	1.96	1.570	1.7	-7.63	20	-Inf
2440MHz_TnomVnom	Pass	2.14	1.637	1.7	-3.72	20	-Inf
2440MHz_TnomVmin	Pass	2.14	1.637	1.7	-3.72	20	-Inf
2440MHz_TnomVmax	Pass	2.15	1.641	1.7	-3.49	20	-Inf
2480MHz_TnomVnom	Pass	1.97	1.574	1.7	-7.41	20	-Inf
2480MHz_TnomVmin	Pass	1.98	1.578	1.7	-7.20	20	-Inf
2480MHz_TnomVmax	Pass	1.97	1.574	1.7	-7.41	20	-Inf

Inf = There's no restriction for the limit.



Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	2.13	1.633	1.7	-3.94	20	-Inf

Inf = There's no restriction for the limit.

Result

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
BT-LE(2Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	1.96	1.570	1.7	-7.63	20	-Inf
2402MHz_TnomVmin	Pass	1.96	1.570	1.7	-7.63	20	-Inf
2402MHz_TnomVmax	Pass	1.97	1.574	1.7	-7.41	20	-Inf
2440MHz_TnomVnom	Pass	2.13	1.633	1.7	-3.94	20	-Inf
2440MHz_TnomVmin	Pass	2.12	1.629	1.7	-4.16	20	-Inf
2440MHz_TnomVmax	Pass	2.12	1.629	1.7	-4.16	20	-Inf
2480MHz_TnomVnom	Pass	1.97	1.574	1.7	-7.41	20	-Inf
2480MHz_TnomVmin	Pass	1.98	1.578	1.7	-7.20	20	-Inf
2480MHz_TnomVmax	Pass	1.97	1.574	1.7	-7.41	20	-Inf

Inf = There's no restriction for the limit.



Configuration 3: Chip 2, model AW300

Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	1.04	1.271	2.33	1.710

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	1.29	0.65	1.161	10	1.94	1.563	16.368
2402MHz_TnomVmin	Pass	1.29	0.66	1.164	10	1.95	1.567	16.368
2402MHz_TnomVmax	Pass	1.29	0.65	1.161	10	1.94	1.563	16.368
2440MHz_TnomVnom	Pass	1.29	0.95	1.245	10	2.24	1.675	16.368
2440MHz_TnomVmin	Pass	1.29	0.94	1.242	10	2.23	1.671	16.368
2440MHz_TnomVmax	Pass	1.29	0.94	1.242	10	2.23	1.671	16.368
2480MHz_TnomVnom	Pass	1.29	1.03	1.268	10	2.32	1.706	16.368
2480MHz_TnomVmin	Pass	1.29	1.03	1.268	10	2.32	1.706	16.368
2480MHz_TnomVmax	Pass	1.29	1.04	1.271	10	2.33	1.710	16.368

**Summary**

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
BT-LE(2Mbps)	1.05	1.274	2.34	1.714

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power (mW)	Power Lim. (mW)	EIRP (dBm)	EIRP (mW)	EIRP Lim. (mW)
BT-LE(2Mbps)	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	1.29	0.65	1.161	10	1.94	1.563	16.368
2402MHz_TnomVmin	Pass	1.29	0.66	1.164	10	1.95	1.567	16.368
2402MHz_TnomVmax	Pass	1.29	0.65	1.161	10	1.94	1.563	16.368
2440MHz_TnomVnom	Pass	1.29	0.94	1.242	10	2.23	1.671	16.368
2440MHz_TnomVmin	Pass	1.29	0.94	1.242	10	2.23	1.671	16.368
2440MHz_TnomVmax	Pass	1.29	0.95	1.245	10	2.24	1.675	16.368
2480MHz_TnomVnom	Pass	1.29	1.05	1.274	10	2.34	1.714	16.368
2480MHz_TnomVmin	Pass	1.29	1.04	1.271	10	2.33	1.710	16.368
2480MHz_TnomVmax	Pass	1.29	1.04	1.271	10	2.33	1.710	16.368



Configuration 3: Chip 2, model AW300

Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	1.04	1.271	1.3	-2.26	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	0.65	1.161	1.3	-10.66	20	-Inf
2402MHz_TnomVmin	Pass	0.66	1.164	1.3	-10.45	20	-Inf
2402MHz_TnomVmax	Pass	0.65	1.161	1.3	-10.66	20	-Inf
2440MHz_TnomVnom	Pass	0.95	1.245	1.3	-4.27	20	-Inf
2440MHz_TnomVmin	Pass	0.94	1.242	1.3	-4.49	20	-Inf
2440MHz_TnomVmax	Pass	0.94	1.242	1.3	-4.49	20	-Inf
2480MHz_TnomVnom	Pass	1.03	1.268	1.3	-2.49	20	-Inf
2480MHz_TnomVmin	Pass	1.03	1.268	1.3	-2.49	20	-Inf
2480MHz_TnomVmax	Pass	1.04	1.271	1.3	-2.26	20	-Inf

Inf = There's no restriction for the limit.



Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	1.05	1.274	1.3	-2.04	20	-Inf

Inf = There's no restriction for the limit.

Result

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
BT-LE(2Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	0.65	1.161	1.3	-10.66	20	-Inf
2402MHz_TnomVmin	Pass	0.66	1.164	1.3	-10.45	20	-Inf
2402MHz_TnomVmax	Pass	0.65	1.161	1.3	-10.66	20	-Inf
2440MHz_TnomVnom	Pass	0.94	1.242	1.3	-4.49	20	-Inf
2440MHz_TnomVmin	Pass	0.94	1.242	1.3	-4.49	20	-Inf
2440MHz_TnomVmax	Pass	0.95	1.245	1.3	-4.27	20	-Inf
2480MHz_TnomVnom	Pass	1.05	1.274	1.3	-2.04	20	-Inf
2480MHz_TnomVmin	Pass	1.04	1.271	1.3	-2.26	20	-Inf
2480MHz_TnomVmax	Pass	1.04	1.271	1.3	-2.26	20	-Inf

Inf = There's no restriction for the limit.



Configuration 1: Combo chip, model AW611

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.402G	2.402000316G	0.1316	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-LE(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402000316G	0.1316	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402000315G	0.1311	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402000316G	0.1316	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440000194G	0.0795	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.440000195G	0.0799	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440000194G	0.0795	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480000193G	0.0778	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480000191G	0.077	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480000192G	0.0774	±50	1	-

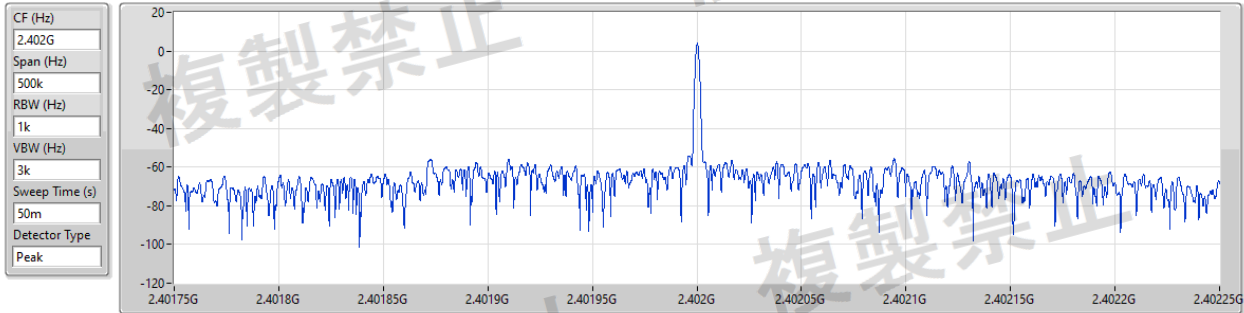


2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVnom

13/11/2025



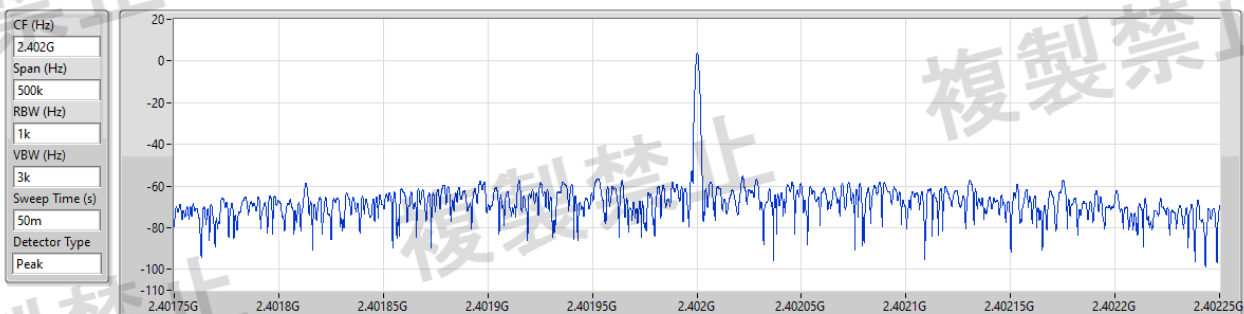
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402000316G	-	-	0.1316	±50	1	-

2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmin

13/11/2025



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402000315G	-	-	0.1311	±50	1	-



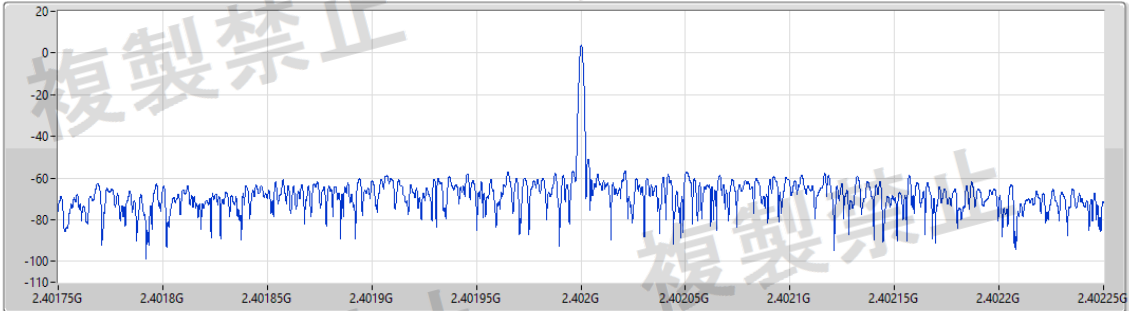
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmax

13/11/2025

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



Ch(Hz)	Center(Hz)	F1(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402000316G	-	-	0.1316	±50	1	-

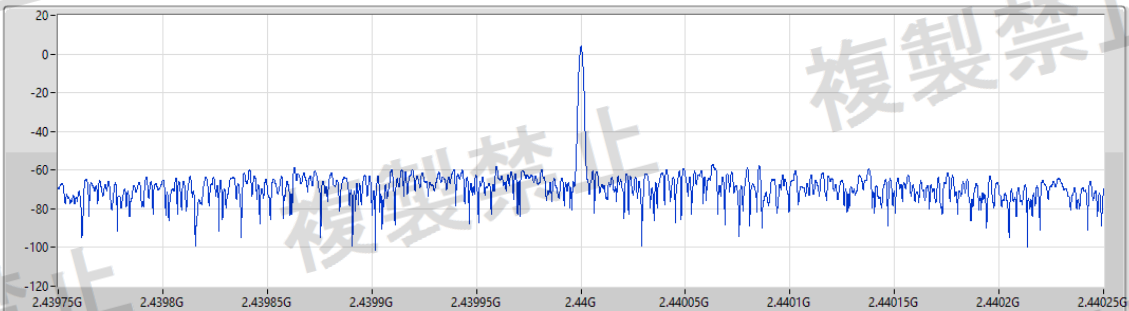
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVnom

13/11/2025

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



Ch(Hz)	Center(Hz)	F1(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.44G	2.440000194G	-	-	0.0795	±50	1	-



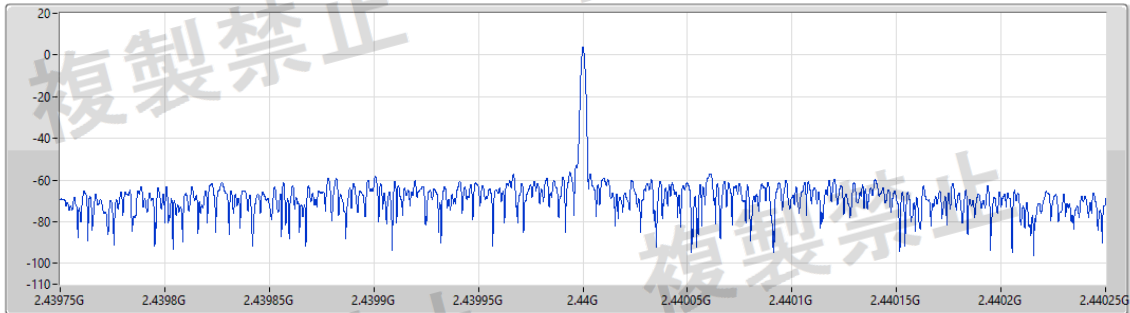
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmin

13/11/2025

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	2.440000195G	-	-	0.0799	±50	1	-

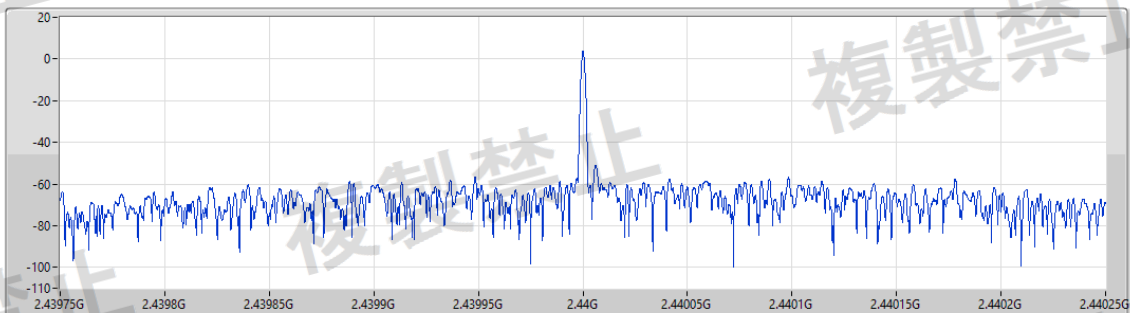
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmax

13/11/2025

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	2.440000194G	-	-	0.0795	±50	1	-

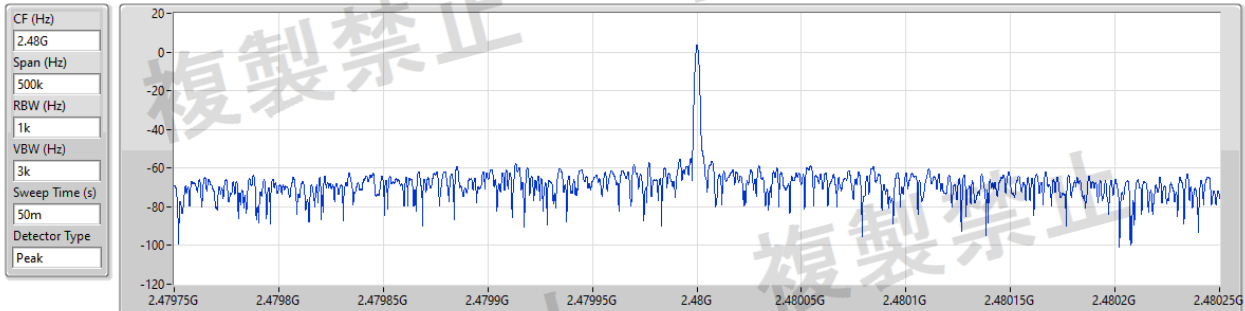


2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2480MHz_TnomVnom

13/11/2025



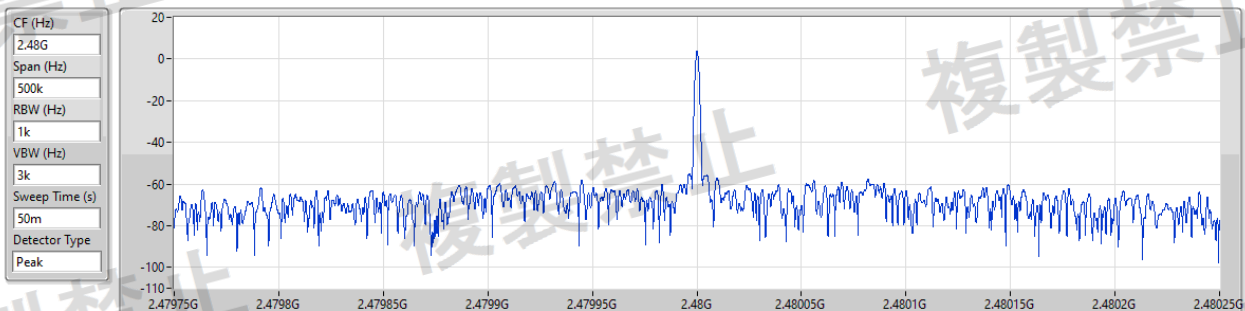
Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.48G	2.480000193G	-	-	0.0778	±50	1	-

2.4-2.4835GHz_BT-LE(1Mbps)

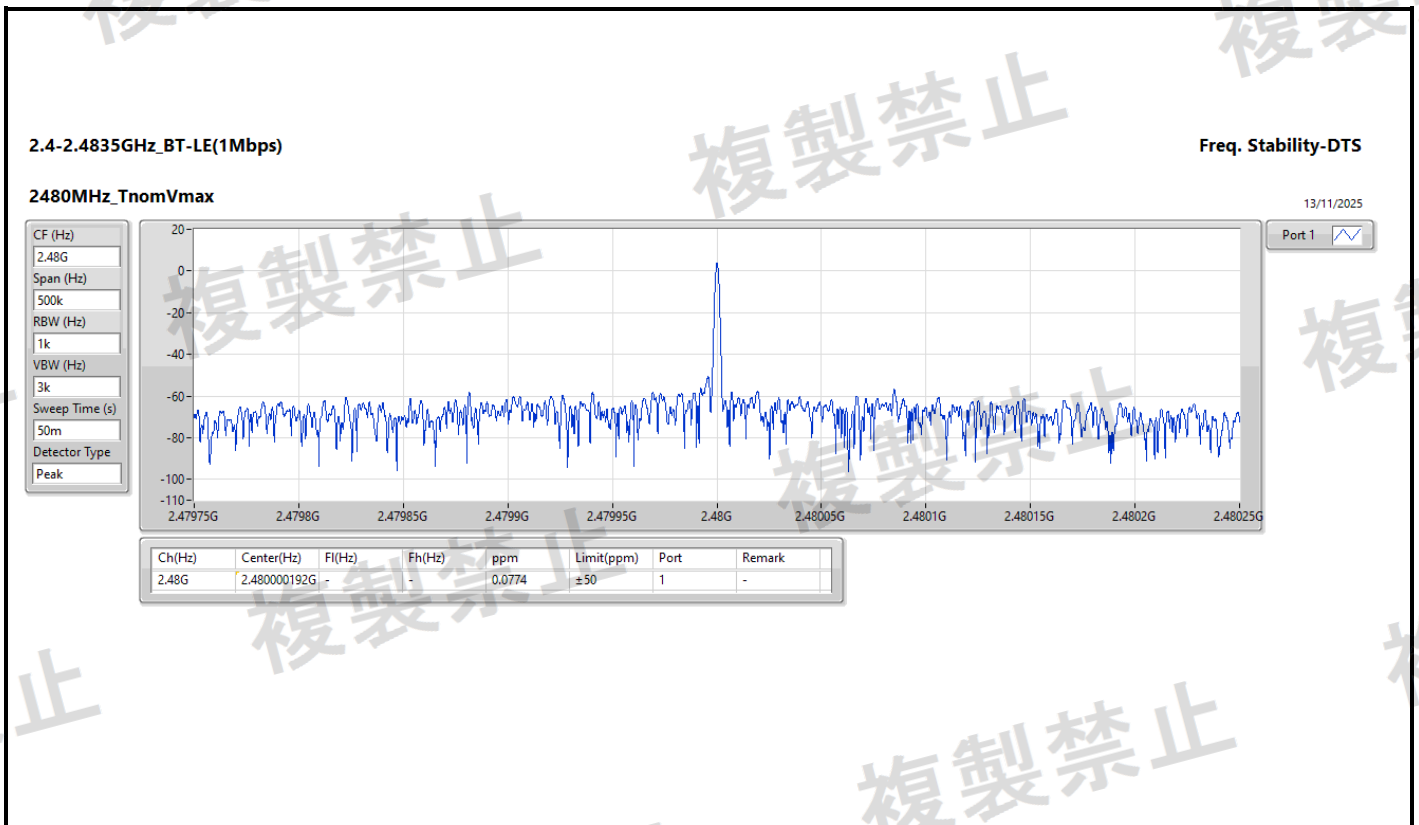
Freq. Stability-DTS

2480MHz_TnomVmin

13/11/2025



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.48G	2.480000191G	-	-	0.077	±50	1	-





Configuration 2: Chip 1, model AW300

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.402G	2.402013755G	5.7265	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-LE(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402013755G	5.7265	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402013751G	5.7248	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402013754G	5.7261	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440013841G	5.6725	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.440013844G	5.6738	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440013842G	5.673	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480014066G	5.6718	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480014065G	5.6714	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480014065G	5.6714	±50	1	-

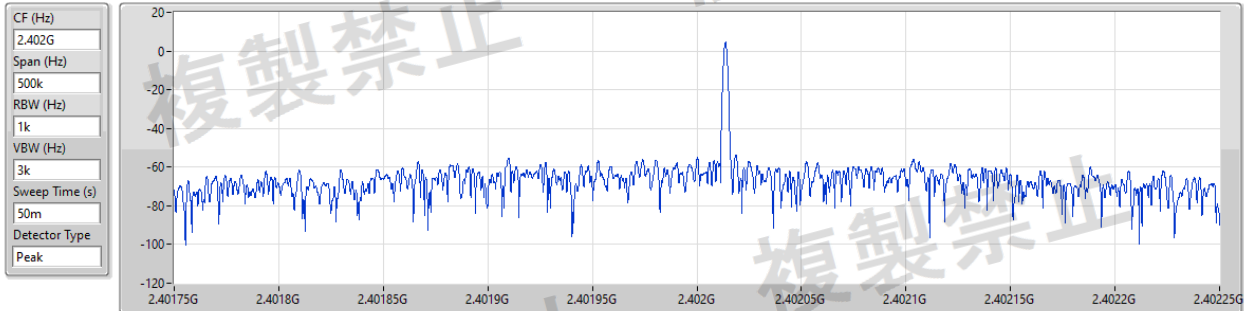


2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVnom

04/11/2025



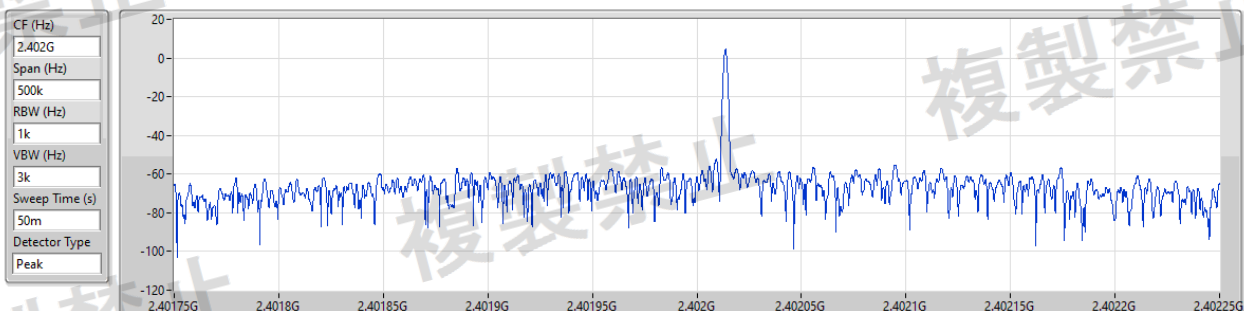
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402013755G	-	-	5.7265	±50	1	-

2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmin

04/11/2025



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402013751G	-	-	5.7248	±50	1	-

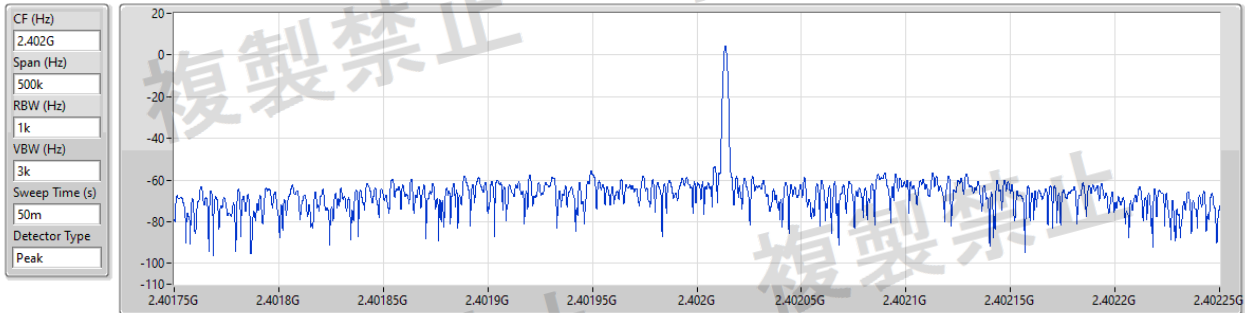


2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmax

04/11/2025

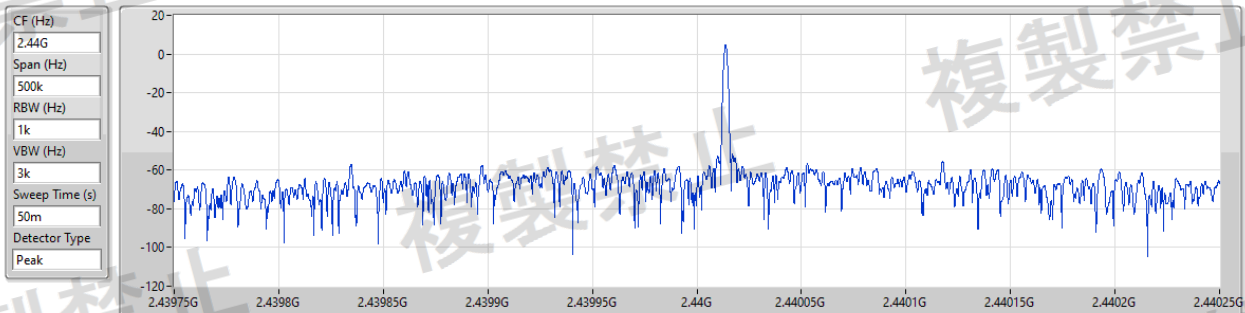


2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVnom

04/11/2025





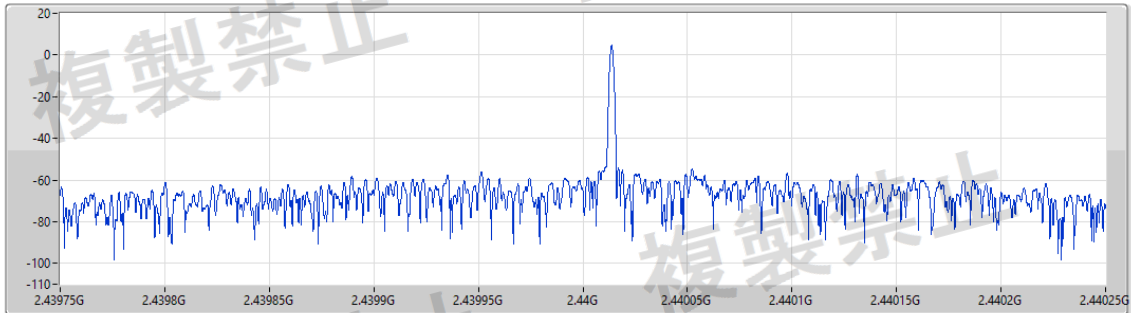
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmin

04/11/2025

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



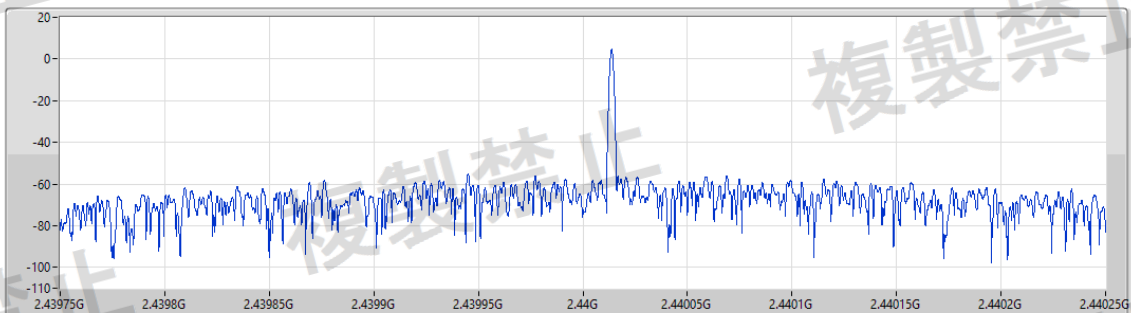
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmax

04/11/2025

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





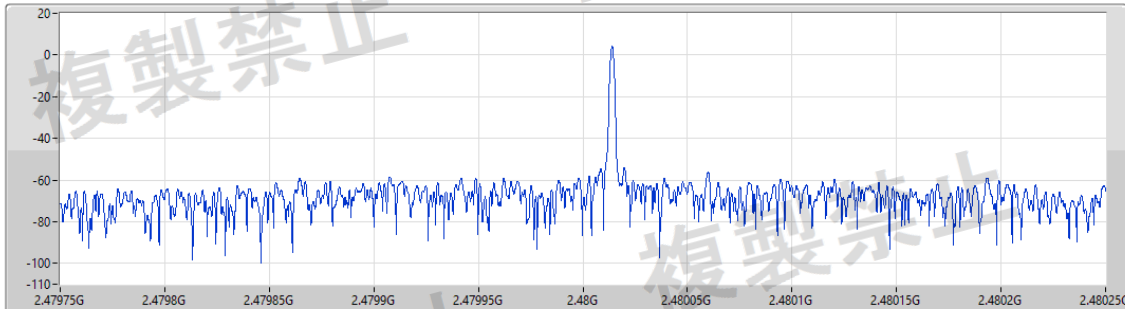
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2480MHz_TnomVnom

04/11/2025

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	2.480014066G	-	-	5.6718	±50	1	-

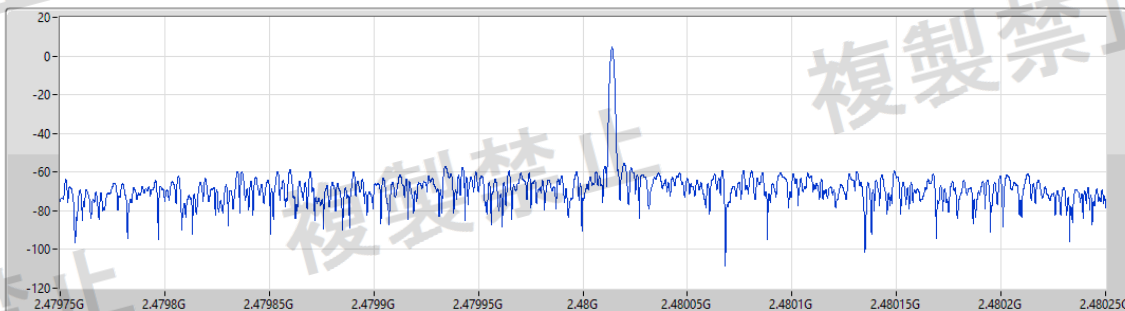
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

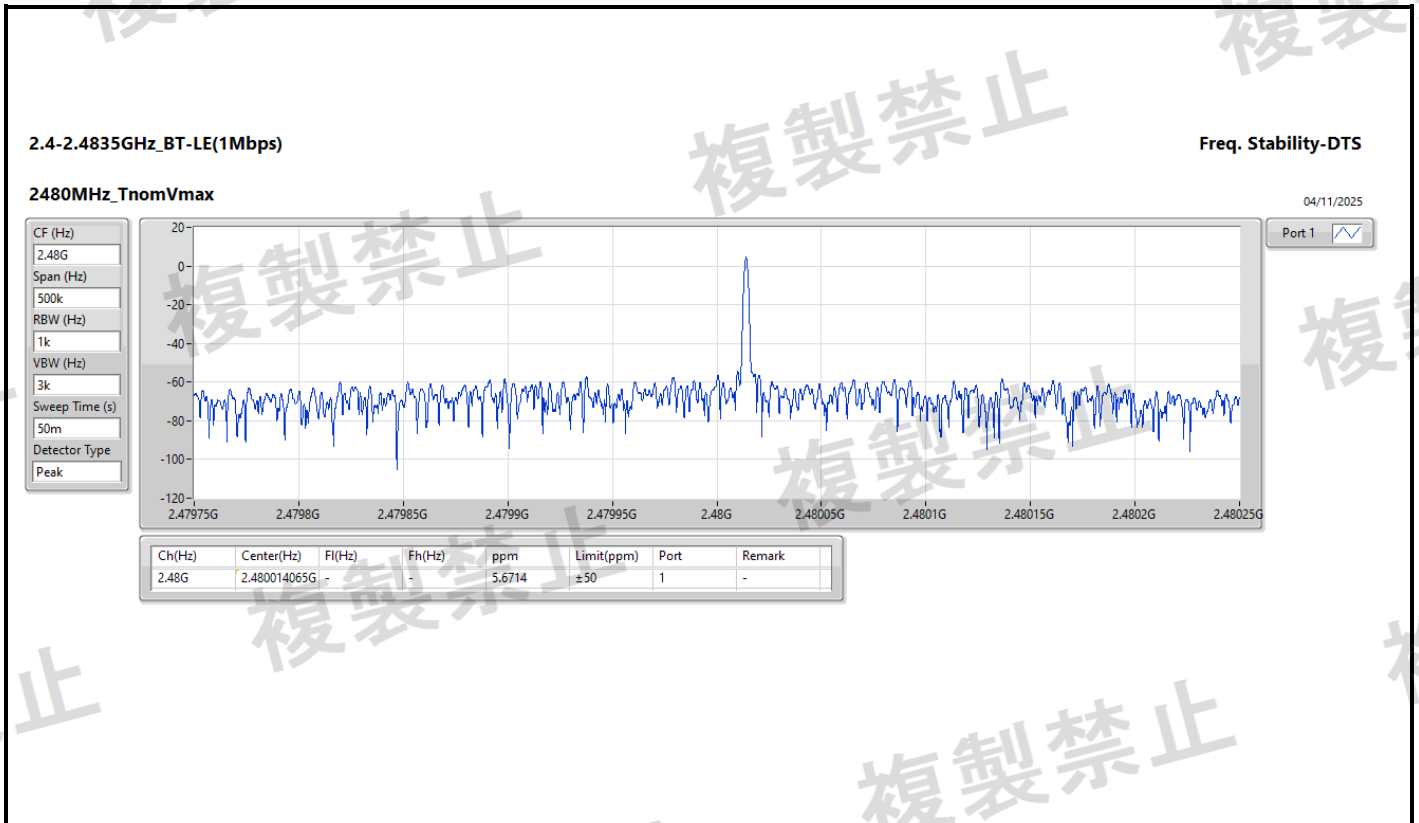
2480MHz_TnomVmin

04/11/2025

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	2.480014065G	-	-	5.6714	±50	1	-





Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	2.402G	2.402013755G	5.7265	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-LE(2Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402013753G	5.7256	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402013754G	5.7261	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402013755G	5.7265	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440013841G	5.6725	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.440013842G	5.673	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440013844G	5.6738	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480014056G	5.6677	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480014056G	5.6677	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480014061G	5.6698	±50	1	-



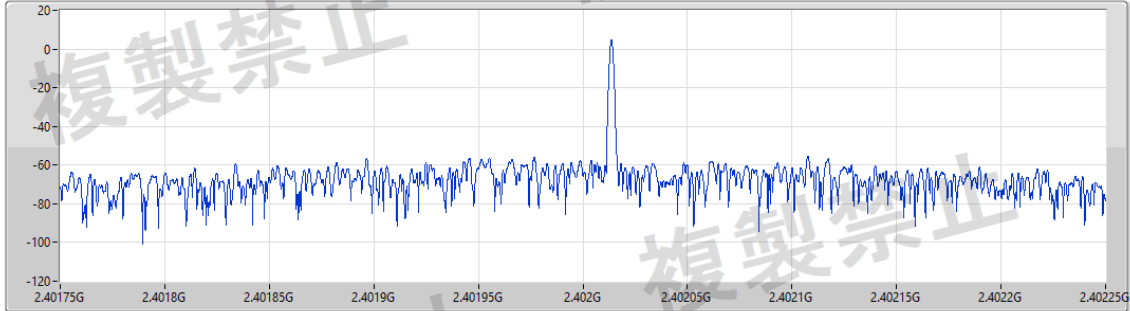
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2402MHz_TnomVnom

04/11/2025

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



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402013753G	-	-	5.7256	±50	1	-

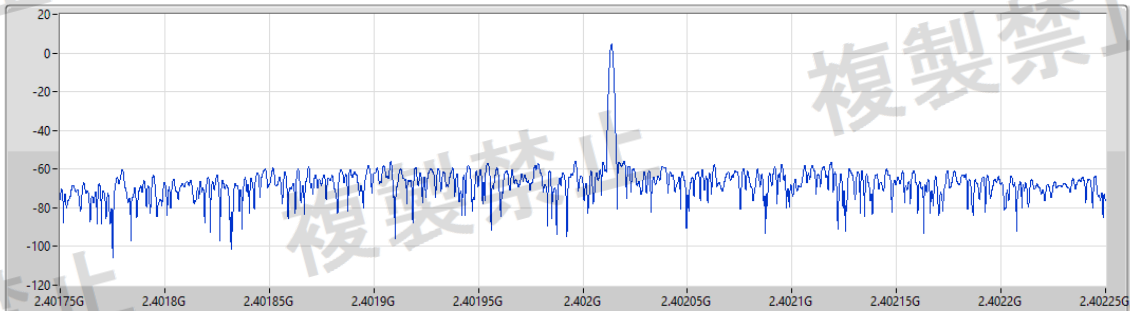
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2402MHz_TnomVmin

04/11/2025

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



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402013754G	-	-	5.7261	±50	1	-



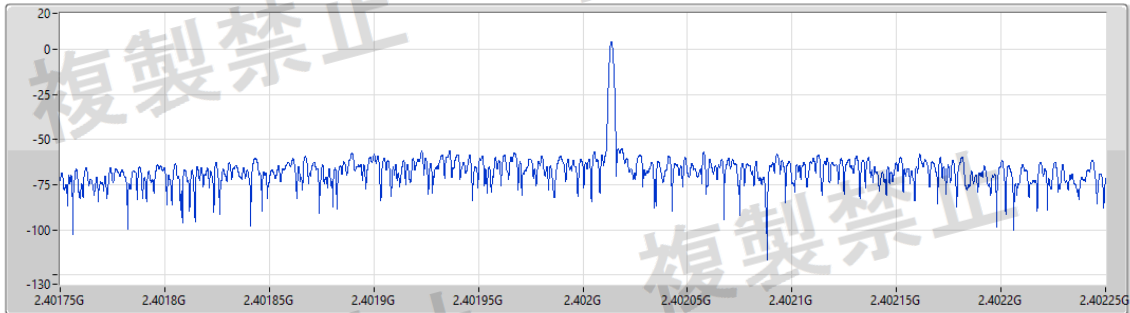
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2402MHz_TnomVmax

04/11/2025

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	2.402013755G	-	-	5.7265	±50	1	-

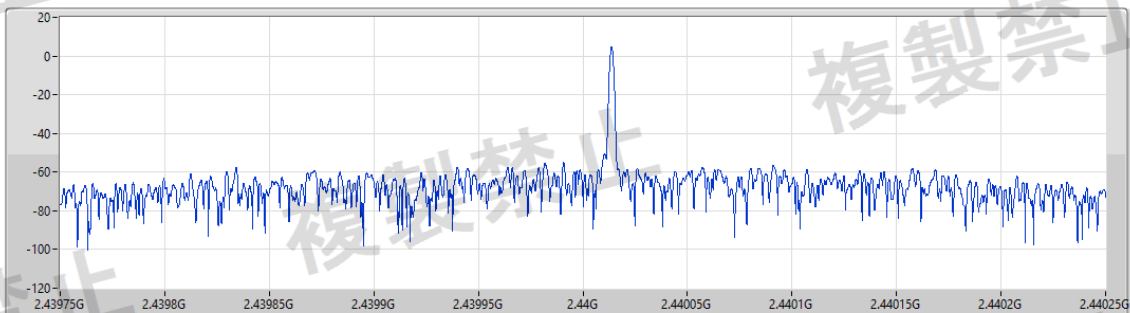
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2440MHz_TnomVnom

04/11/2025

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	2.440013841G	-	-	5.6725	±50	1	-



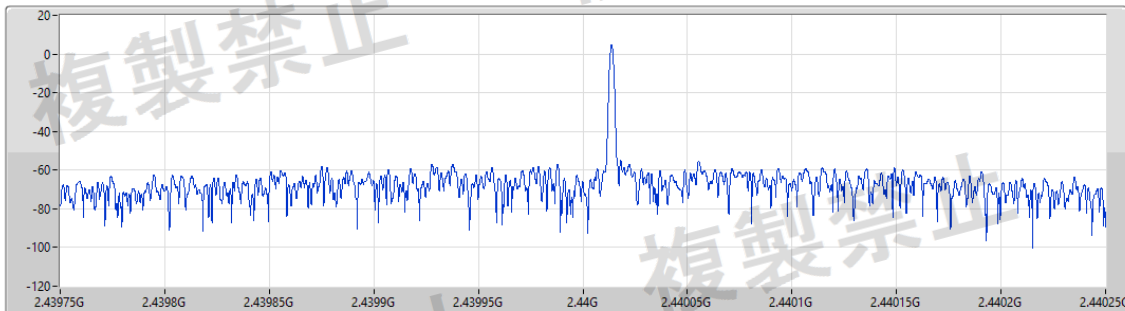
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2440MHz_TnomVmin

04/11/2025

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	2.440013842G	-	-	5.673	±50	1	-

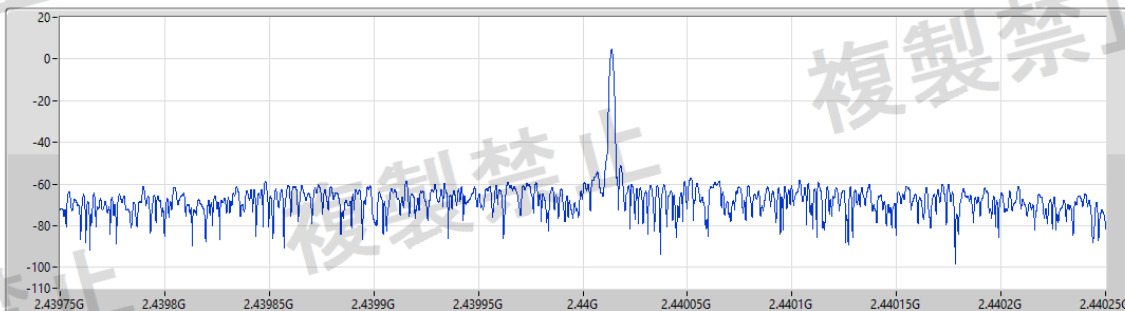
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2440MHz_TnomVmax

04/11/2025

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	2.440013844G	-	-	5.6738	±50	1	-



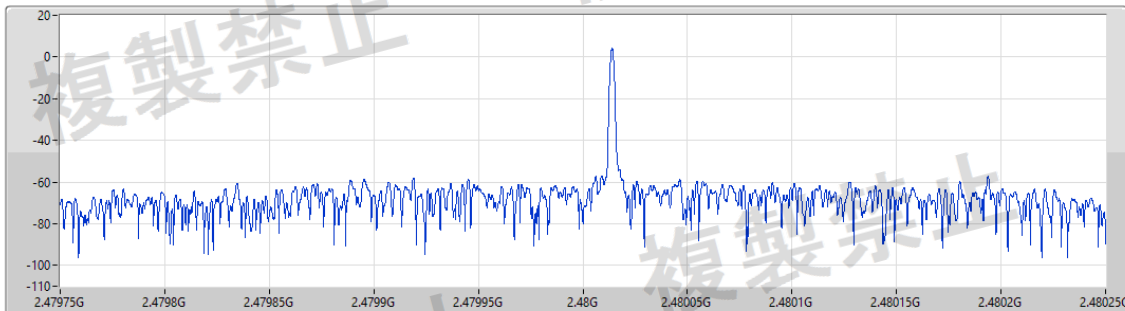
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2480MHz_TnomVnom

04/11/2025

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	2.480014056G	-	-	5.6677	±50	1	-

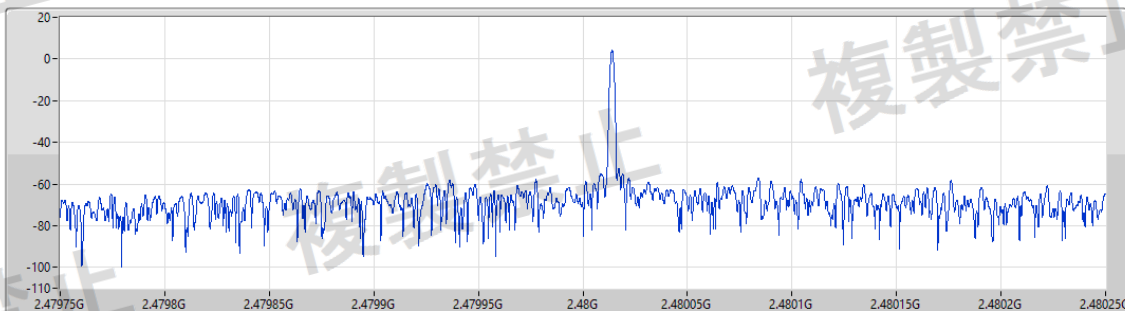
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

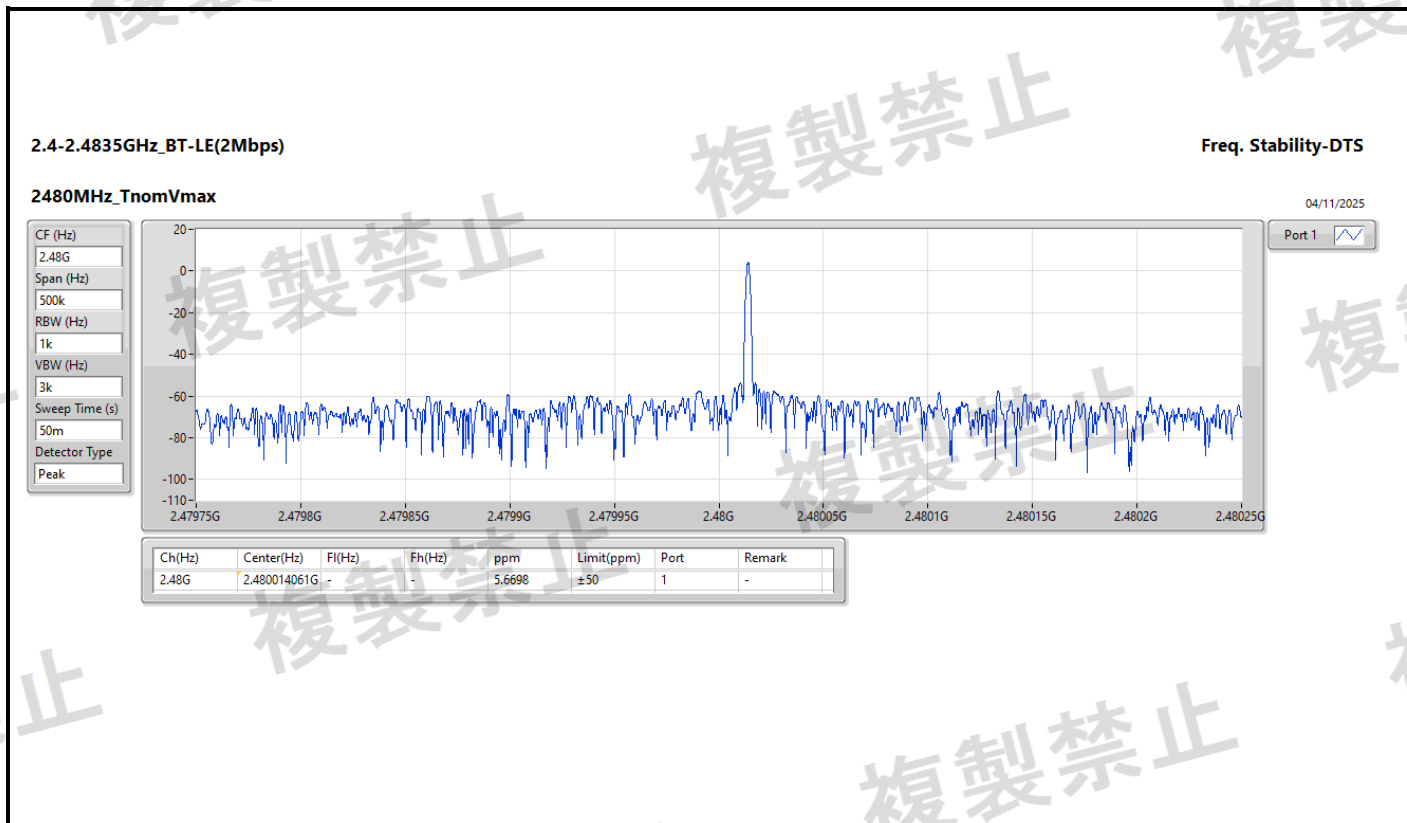
2480MHz_TnomVmin

04/11/2025

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	2.480014056G	-	-	5.6677	±50	1	-





Configuration 3: Chip 2, model AW300

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.402G	2.402017273G	7.1911	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-LE(1Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402017273G	7.1911	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402017273G	7.1911	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402017271G	7.1903	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440017263G	7.075	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.440017262G	7.0746	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440017261G	7.0742	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480017475G	7.0464	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480017476G	7.0468	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480017471G	7.0448	±50	1	-



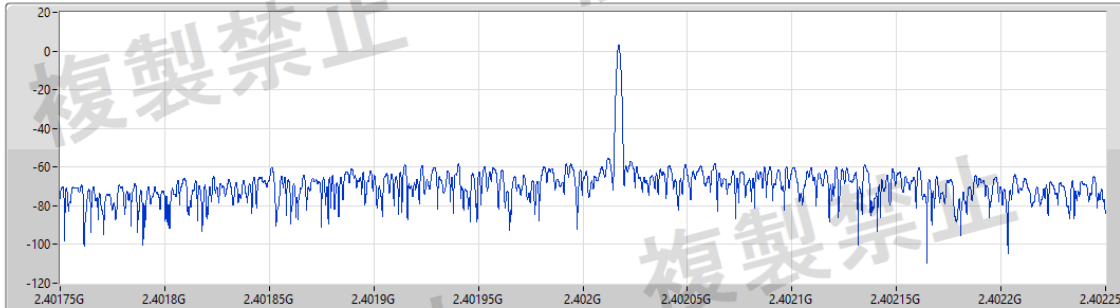
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVnom

05/11/2025

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



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402017273G	-	-	7.1911	±50	1	-

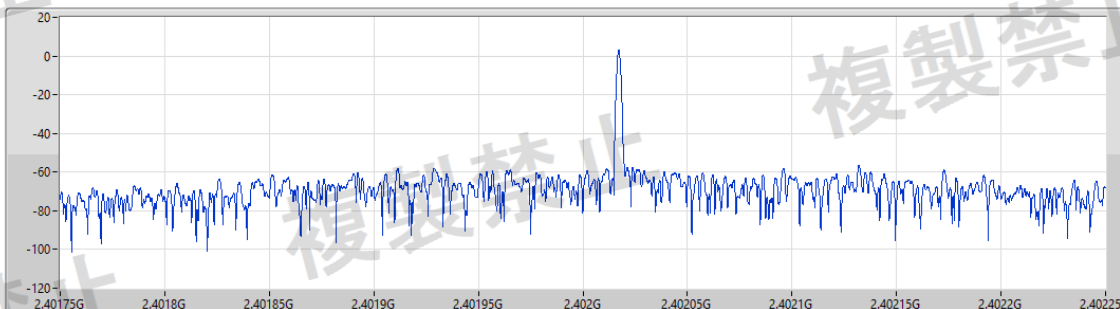
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmin

05/11/2025

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



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.402G	2.402017273G	-	-	7.1911	±50	1	-



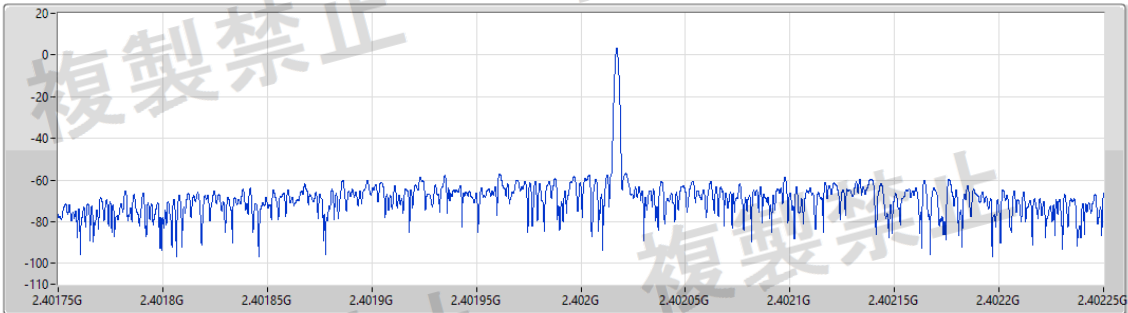
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2402MHz_TnomVmax

05/11/2025

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	2.402017271G	-	-	7.1903	±50	1	-

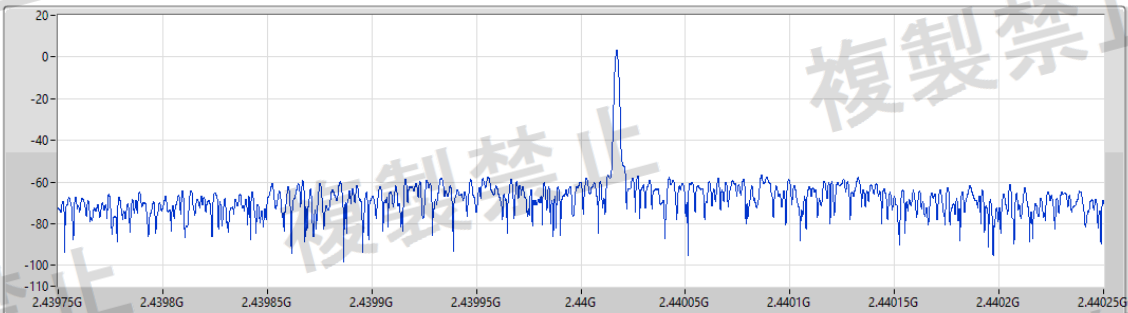
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVnom

05/11/2025

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	2.440017263G	-	-	7.075	±50	1	-



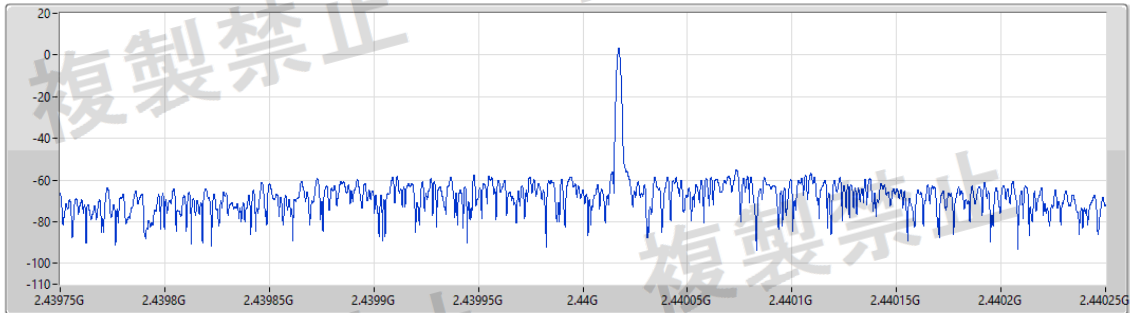
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmin

05/11/2025

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	2.440017262G	-	-	7.0746	±50	1	-

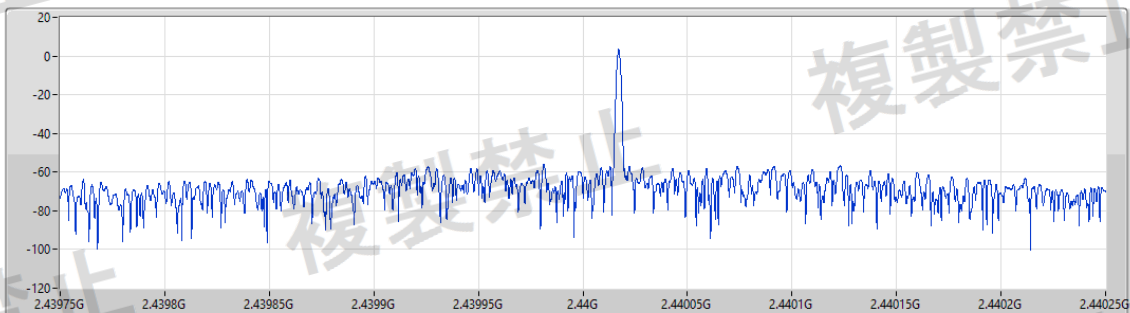
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2440MHz_TnomVmax

05/11/2025

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	2.440017261G	-	-	7.0742	±50	1	-



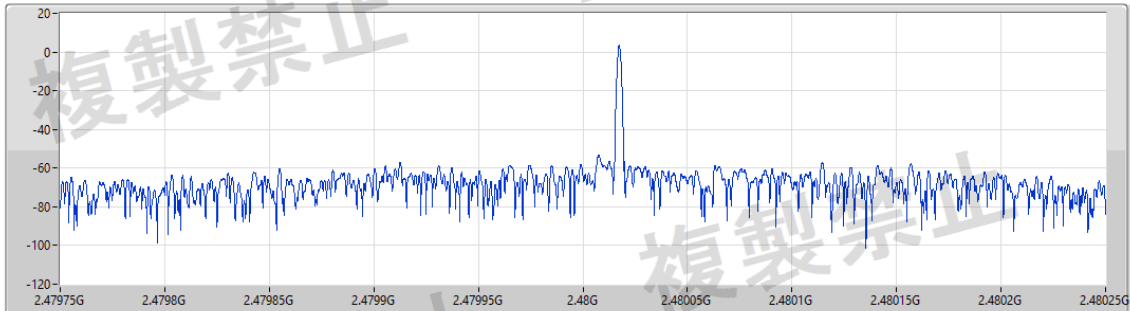
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

2480MHz_TnomVnom

05/11/2025

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	2.480017475G	-	-	7.0464	±50	1	-

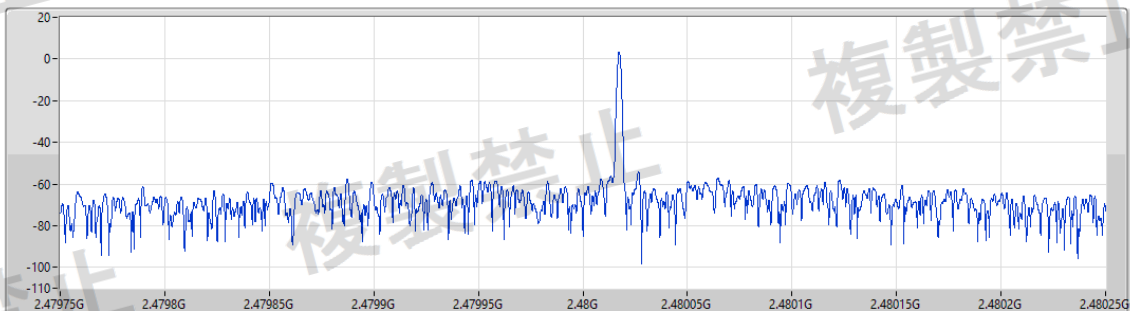
2.4-2.4835GHz_BT-LE(1Mbps)

Freq. Stability-DTS

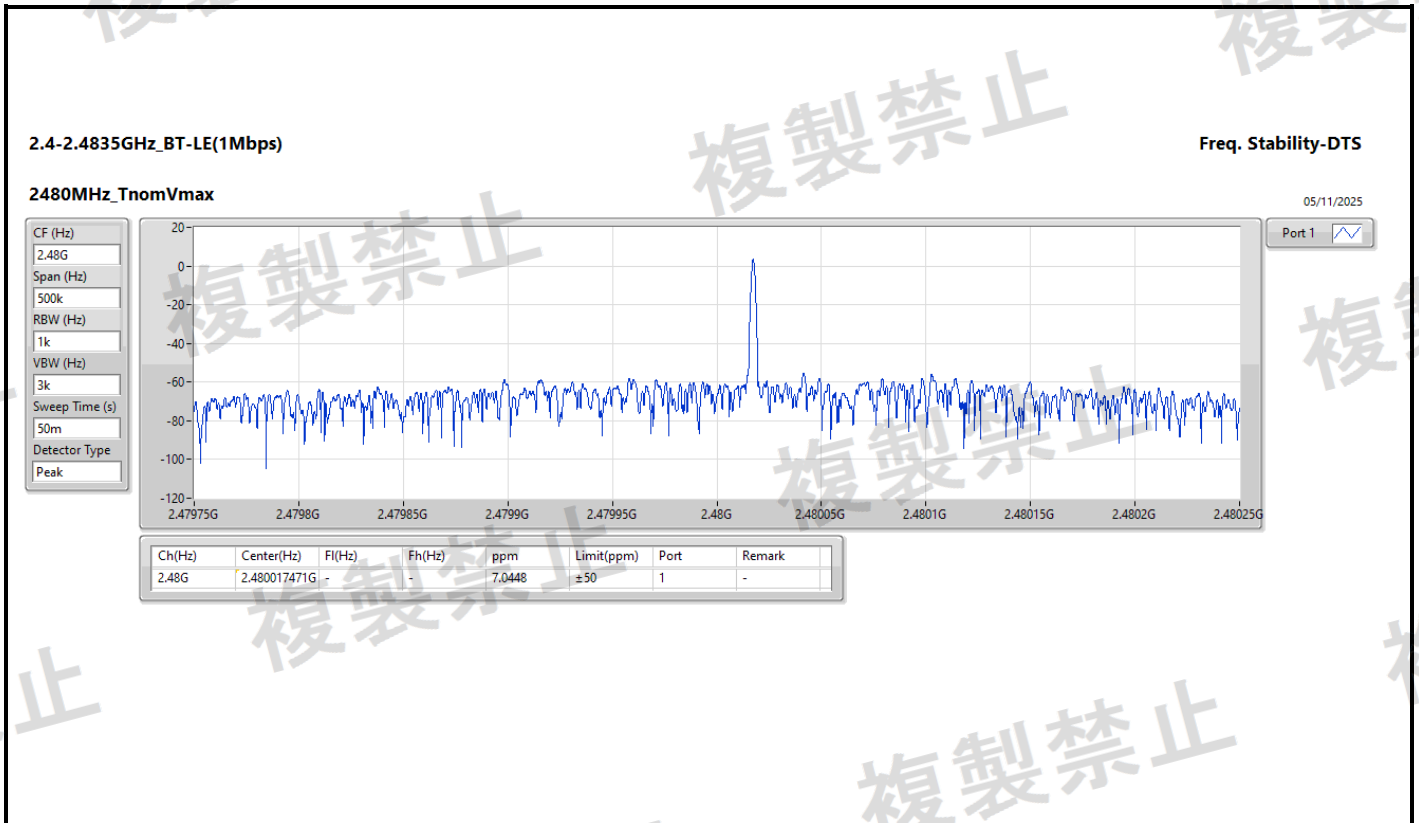
2480MHz_TnomVmin

05/11/2025

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	2.480017476G	-	-	7.0468	±50	1	-





Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	2.402G	2.402017244G	7.179	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
BT-LE(2Mbps)	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402017244G	7.179	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402017244G	7.179	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402017239G	7.1769	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440017287G	7.0848	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.44001729G	7.0861	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440017283G	7.0832	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480017505G	7.0585	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480017505G	7.0585	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480017504G	7.0581	±50	1	-

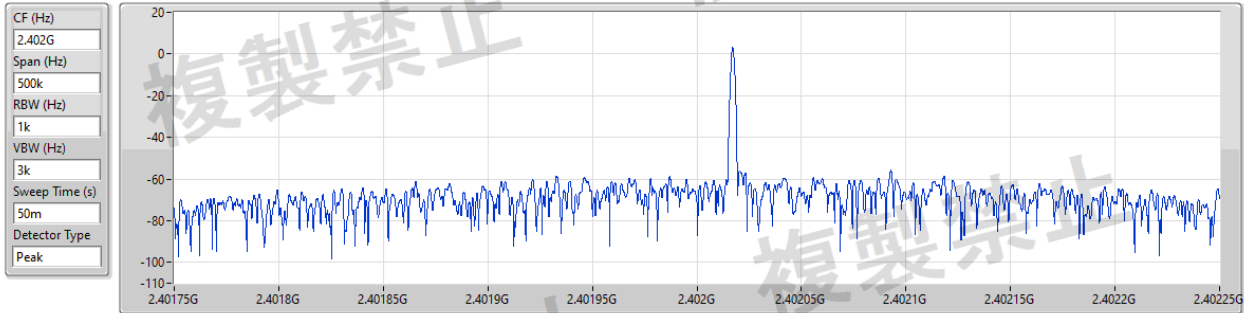


2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2402MHz_TnomVnom

05/11/2025

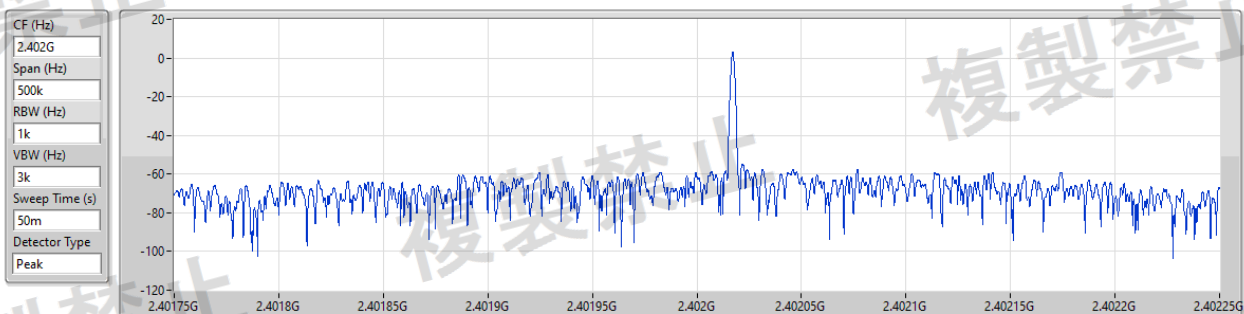


2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2402MHz_TnomVmin

05/11/2025





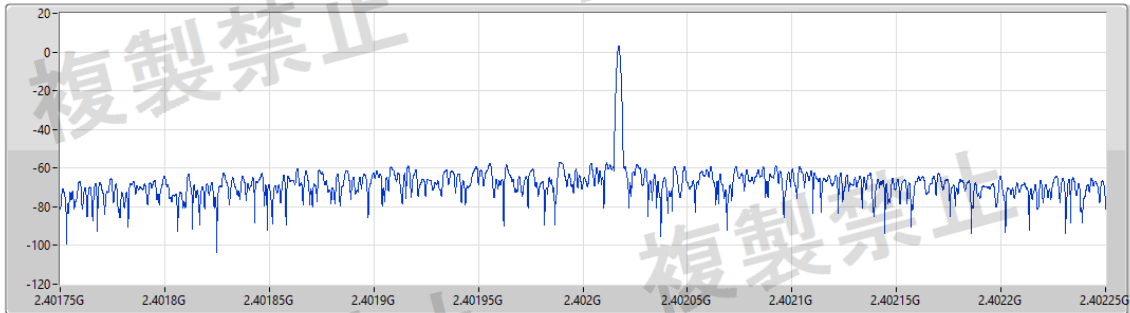
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2402MHz_TnomVmax

05/11/2025

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	2.402017239G	-	-	7.1769	±50	1	-

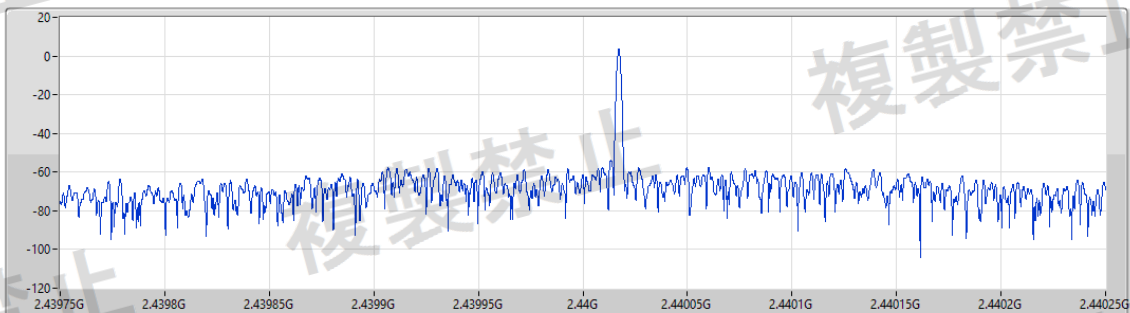
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2440MHz_TnomVnom

05/11/2025

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	2.440017287G	-	-	7.0848	±50	1	-

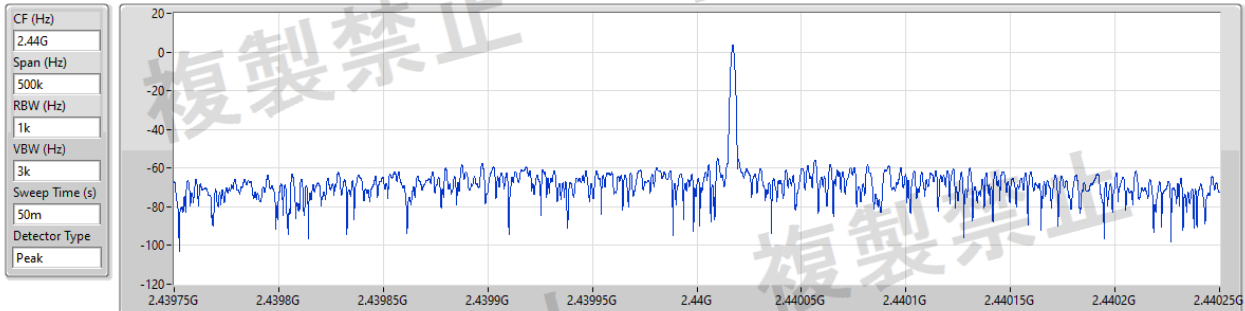


2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2440MHz_TnomVmin

05/11/2025

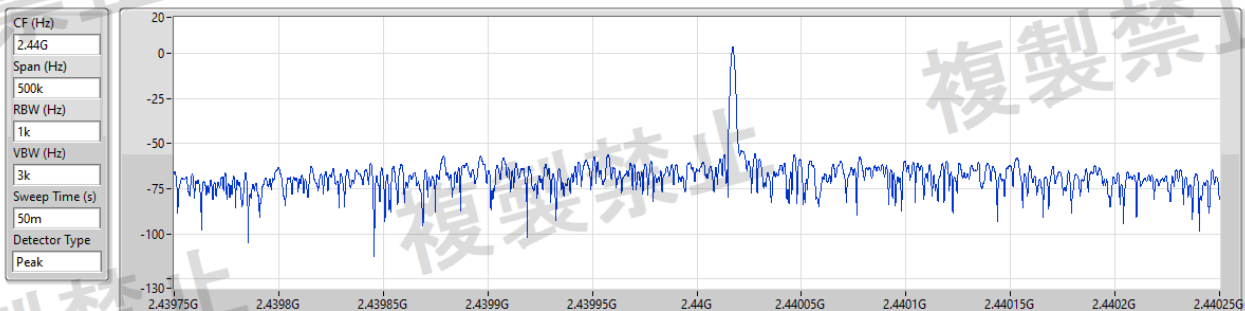


2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2440MHz_TnomVmax

05/11/2025





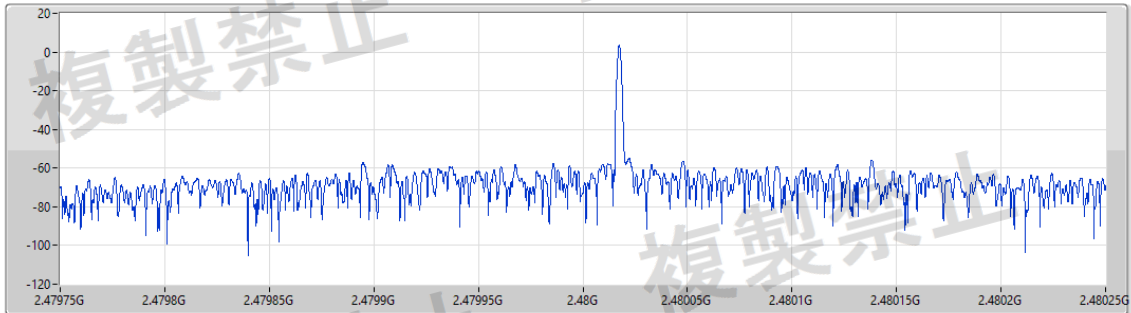
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

2480MHz_TnomVnom

05/11/2025

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	2.480017505G	-	-	7.0585	±50	1	-

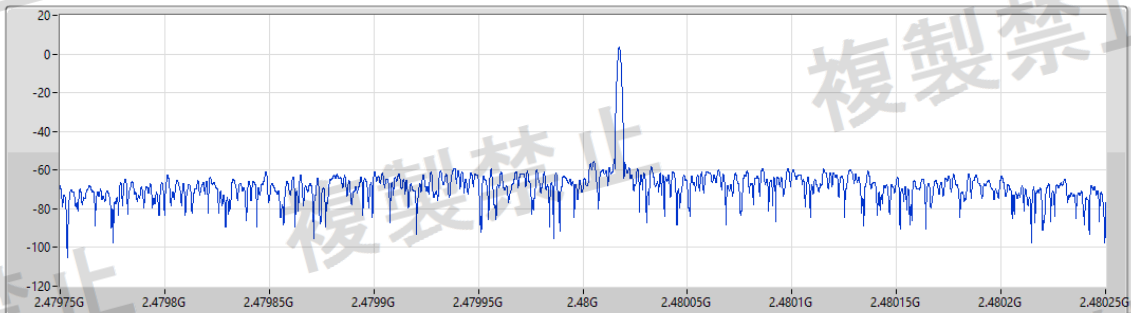
2.4-2.4835GHz_BT-LE(2Mbps)

Freq. Stability-DTS

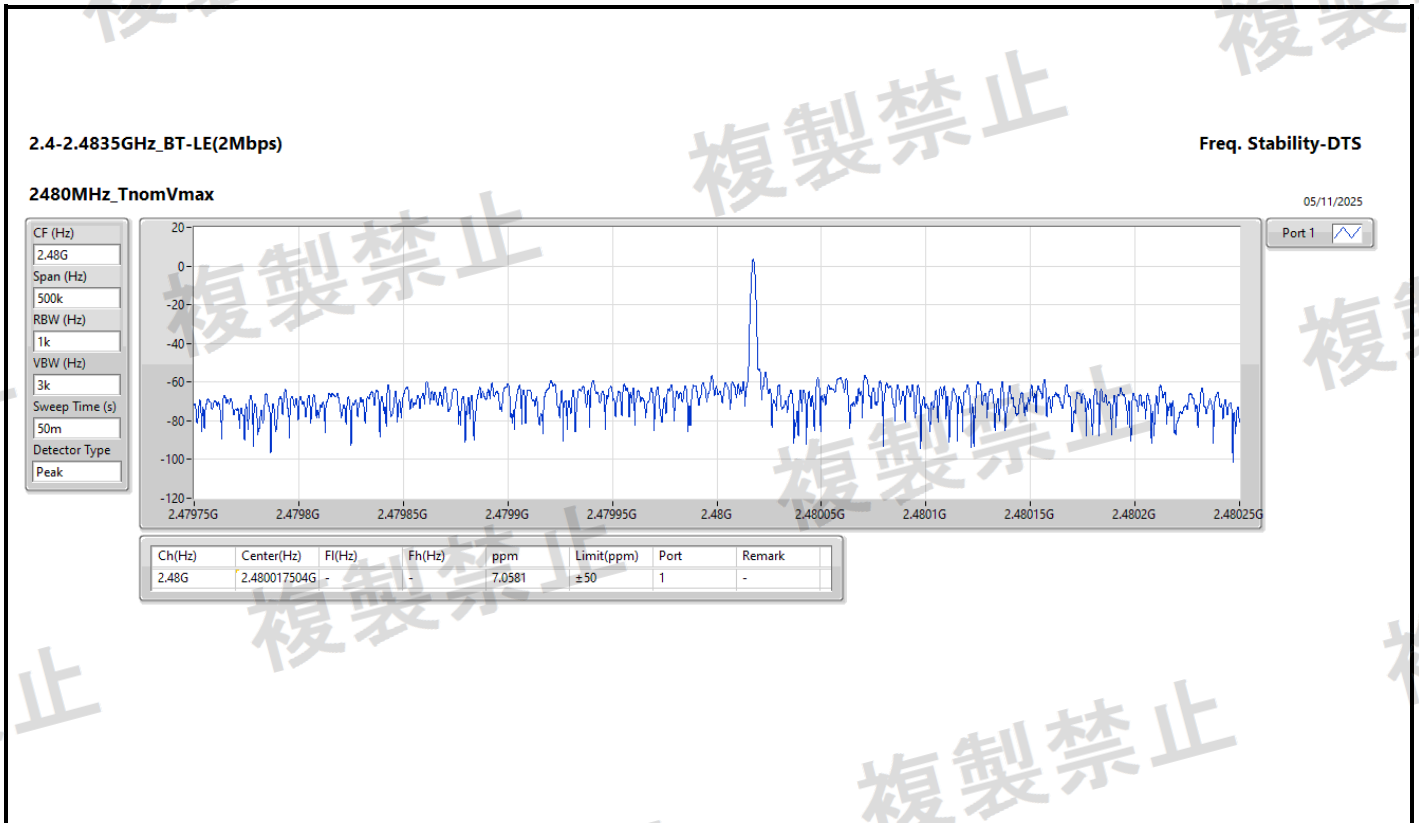
2480MHz_TnomVmin

05/11/2025

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	2.480017505G	-	-	7.0585	±50	1	-





Occupied Bandwidth

Appendix C.1

Configuration 1: Combo chip, model AW611

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(1Mbps)	1.231M	1M23F1D	1.229M

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	1.229M
2402MHz_TnomVmin	Pass	26M	1.23M
2402MHz_TnomVmax	Pass	26M	1.229M
2440MHz_TnomVnom	Pass	26M	1.23M
2440MHz_TnomVmin	Pass	26M	1.23M
2440MHz_TnomVmax	Pass	26M	1.231M
2480MHz_TnomVnom	Pass	26M	1.23M
2480MHz_TnomVmin	Pass	26M	1.231M
2480MHz_TnomVmax	Pass	26M	1.231M

P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

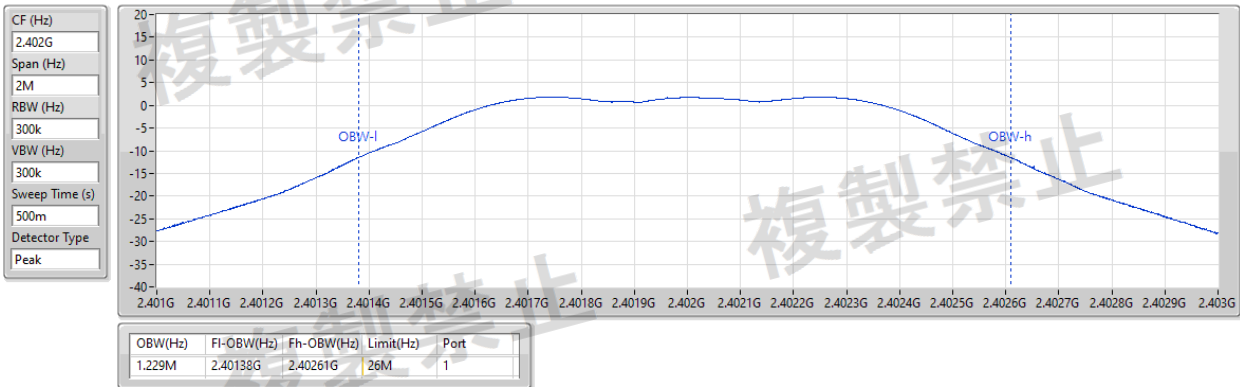


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVnom

13/11/2025

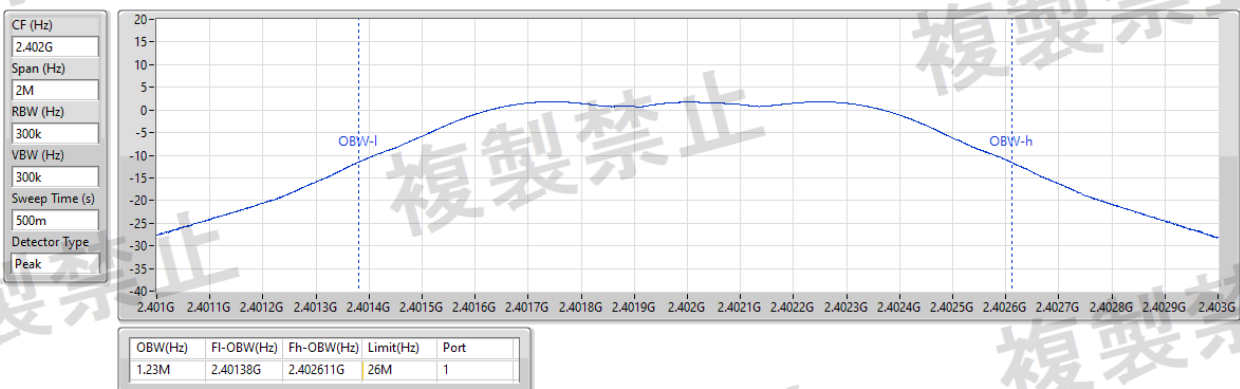


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmin

13/11/2025



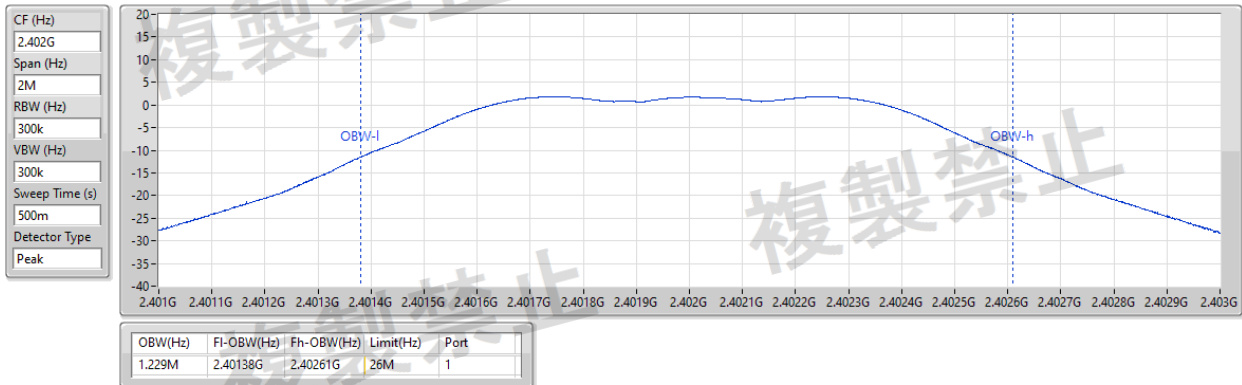


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmax

13/11/2025

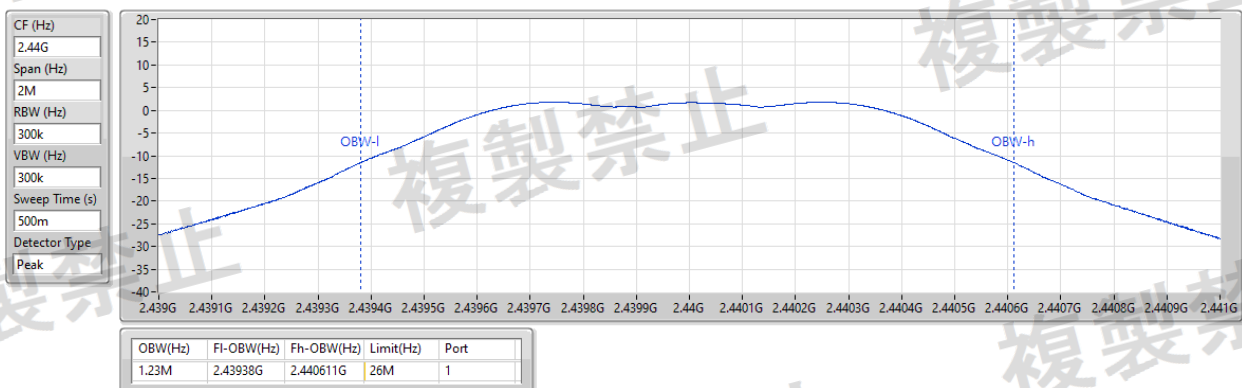


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVnom

13/11/2025



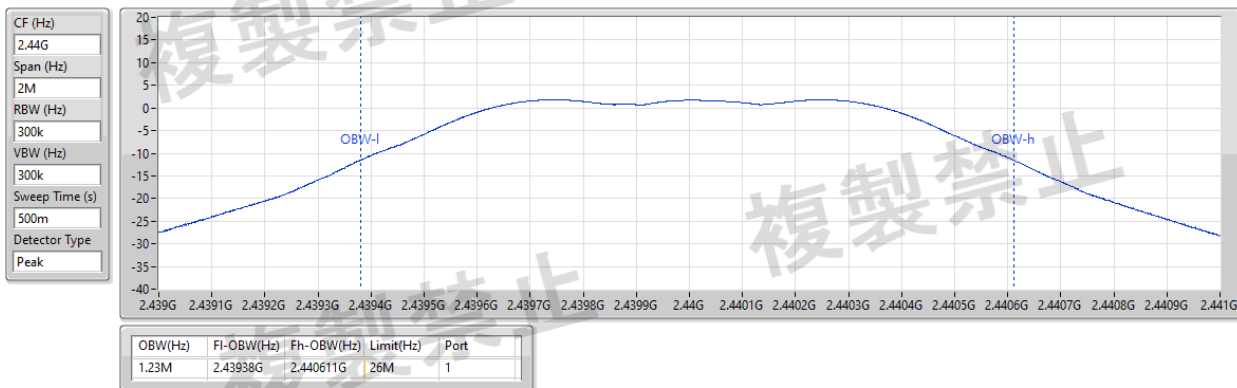


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmin

13/11/2025

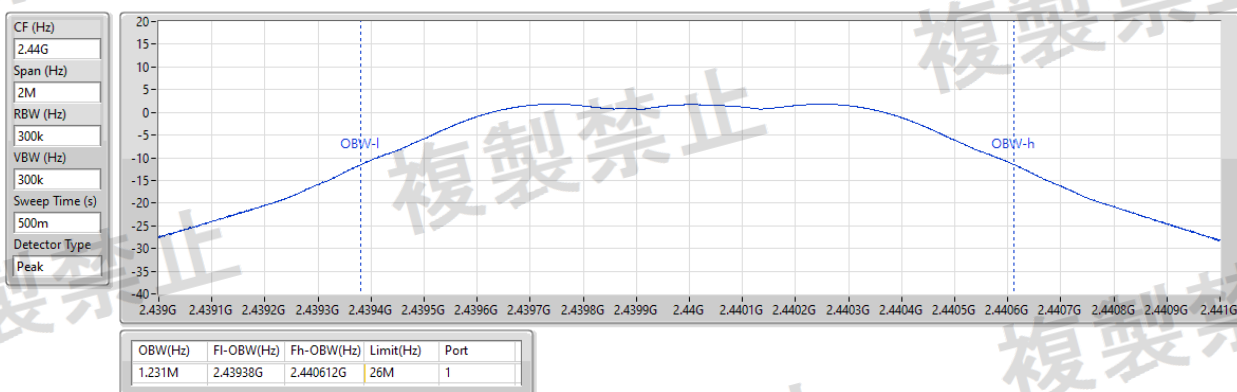


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmax

13/11/2025



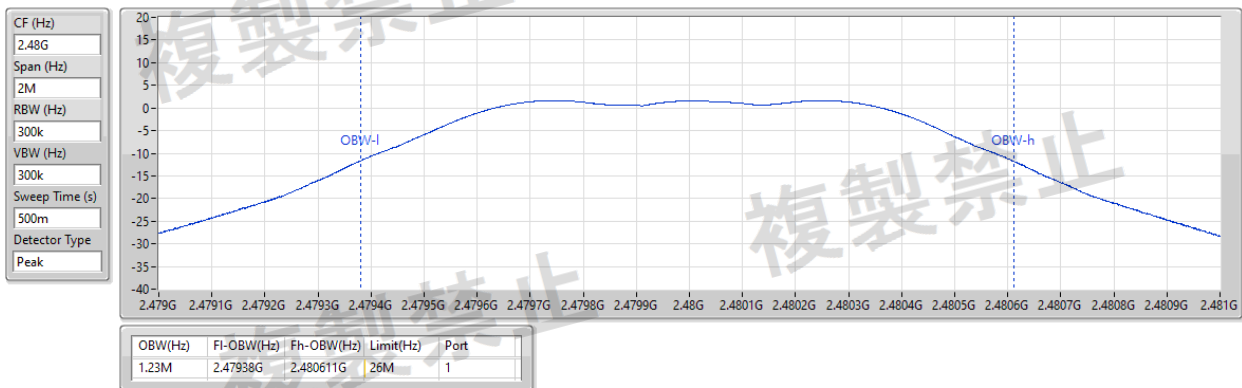


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVnom

13/11/2025

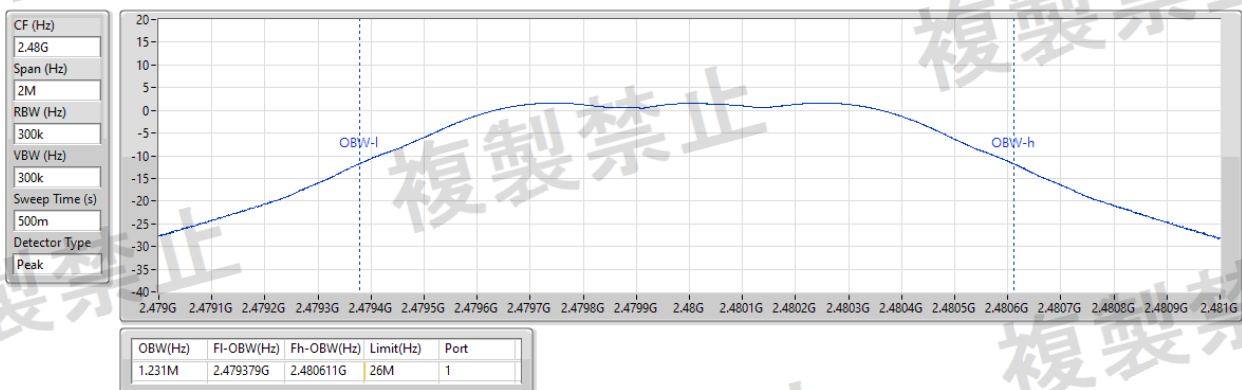


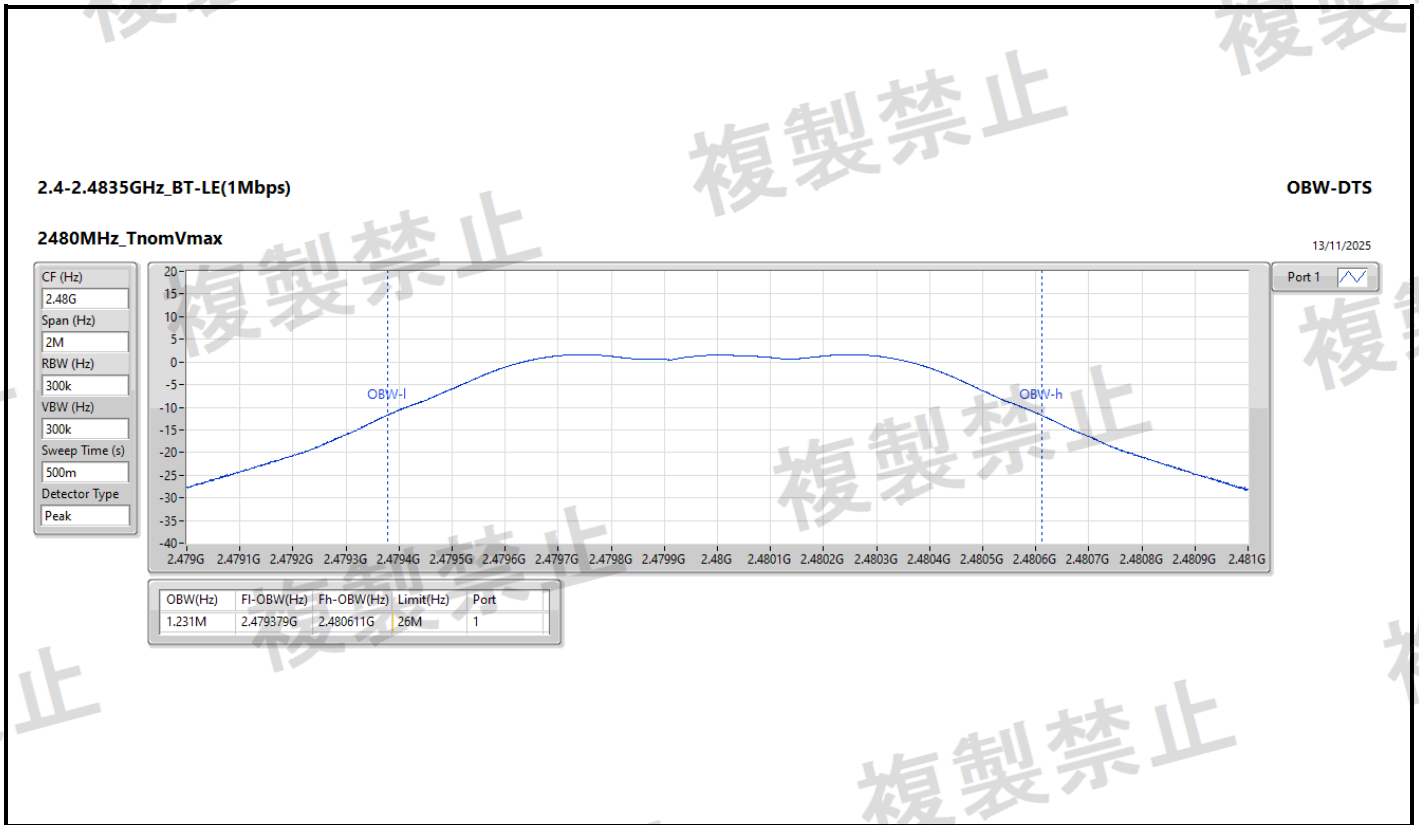
2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVmin

13/11/2025





**Configuration 2: Chip 1, model AW300****Summary**

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(1Mbps)	1.232M	1M23F1D	1.229M

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	1.23M
2402MHz_TnomVmin	Pass	26M	1.229M
2402MHz_TnomVmax	Pass	26M	1.229M
2440MHz_TnomVnom	Pass	26M	1.23M
2440MHz_TnomVmin	Pass	26M	1.23M
2440MHz_TnomVmax	Pass	26M	1.23M
2480MHz_TnomVnom	Pass	26M	1.232M
2480MHz_TnomVmin	Pass	26M	1.232M
2480MHz_TnomVmax	Pass	26M	1.232M

P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

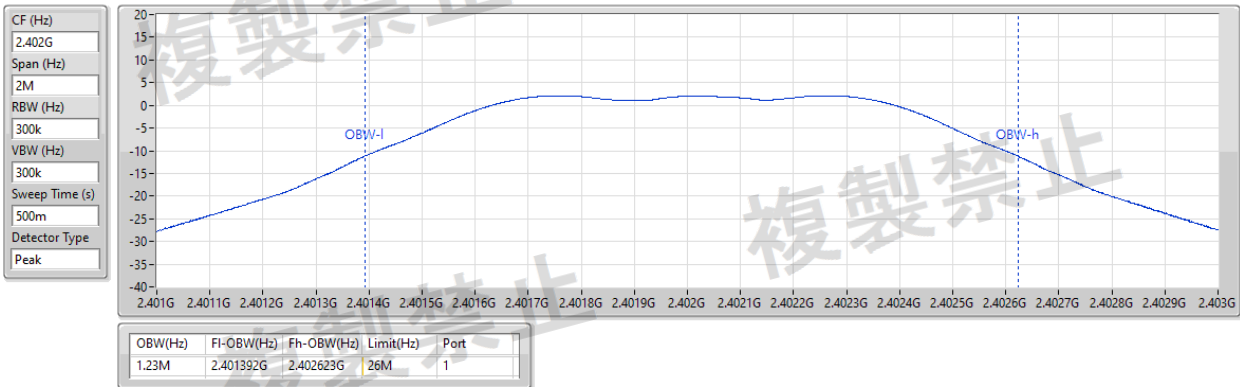


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVnom

04/11/2025

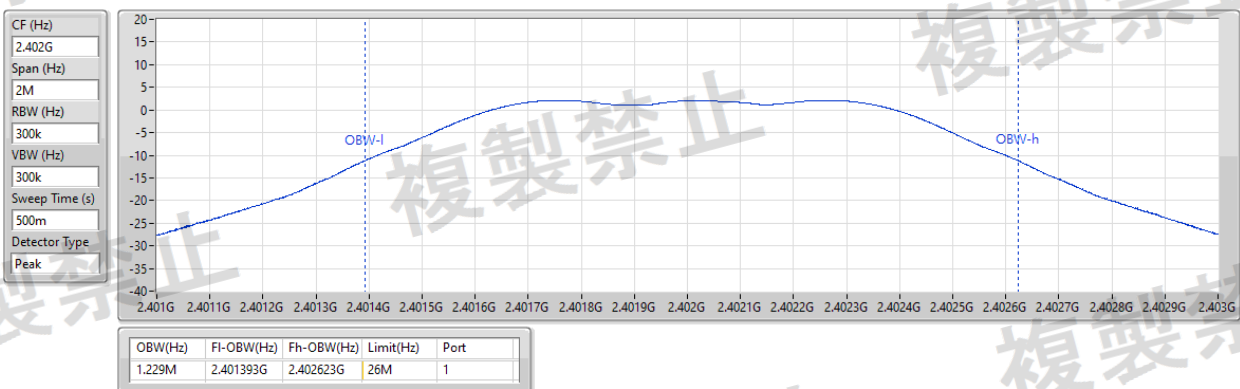


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmin

04/11/2025



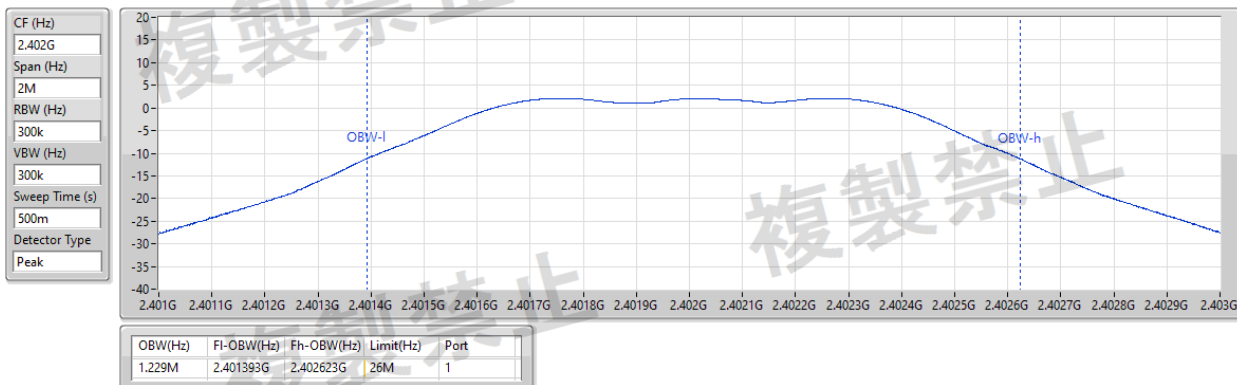


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmax

04/11/2025

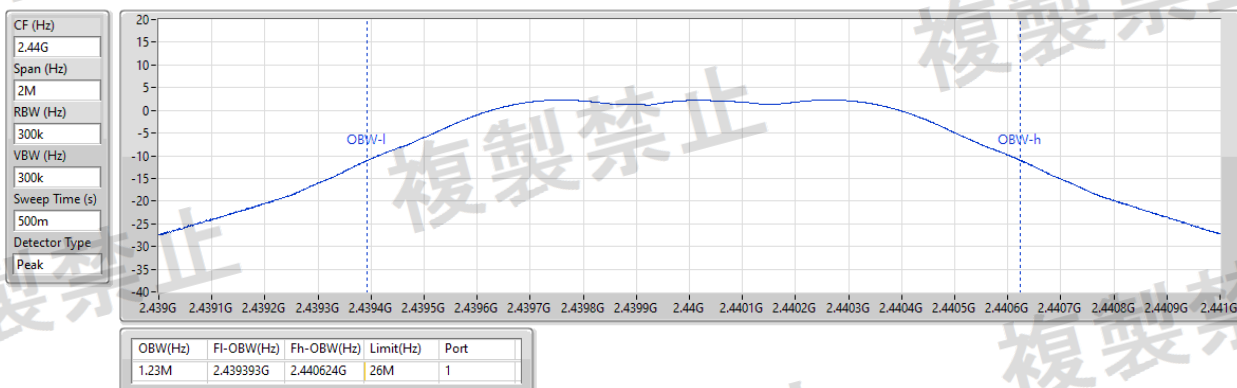


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVnom

04/11/2025

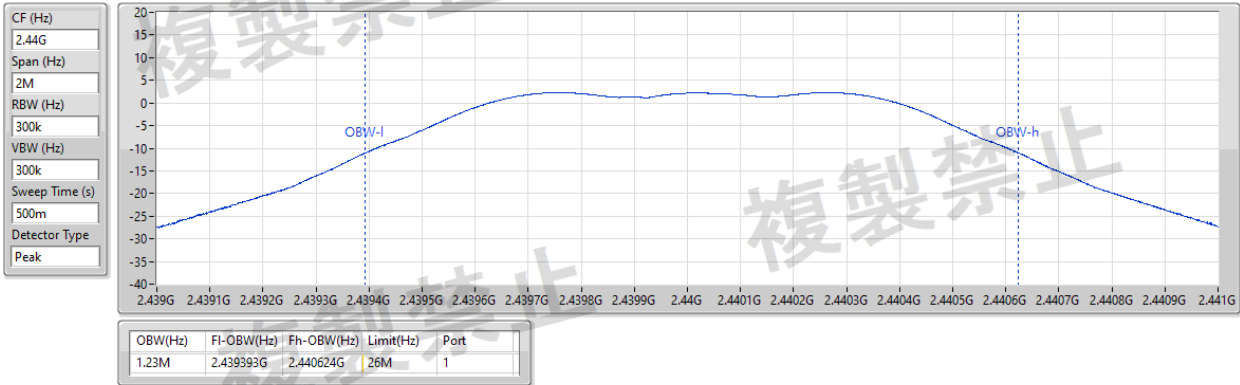


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmin

04/11/2025

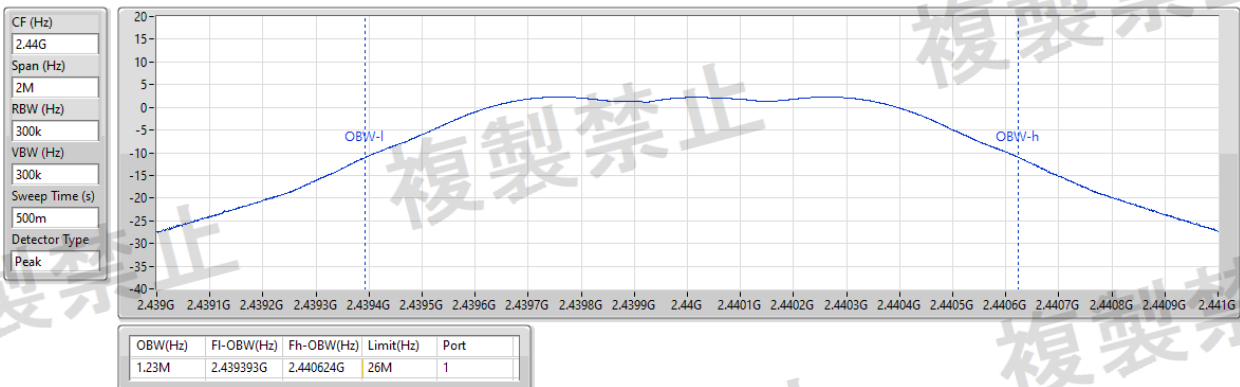


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmax

04/11/2025



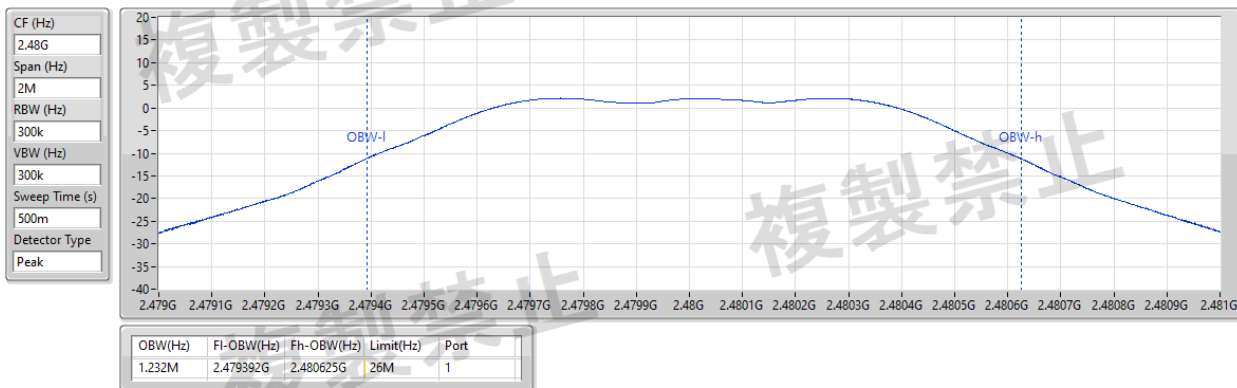


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVnom

04/11/2025

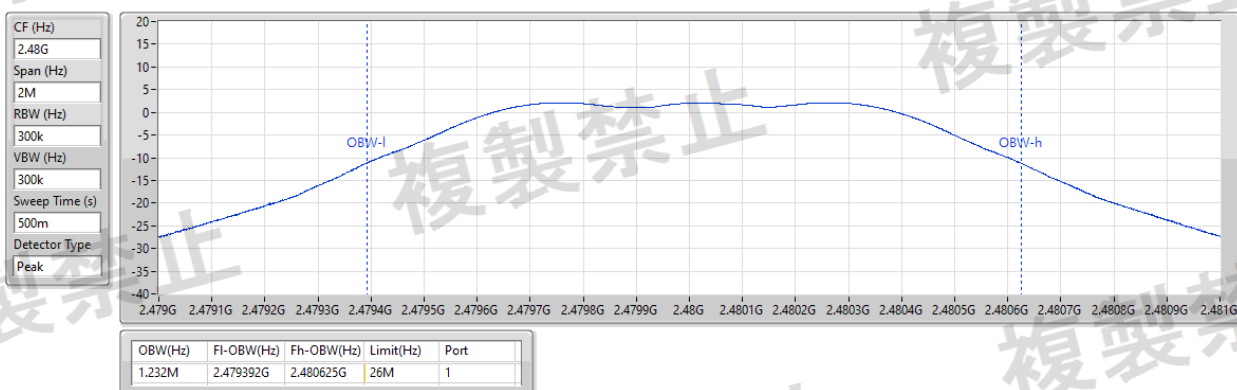


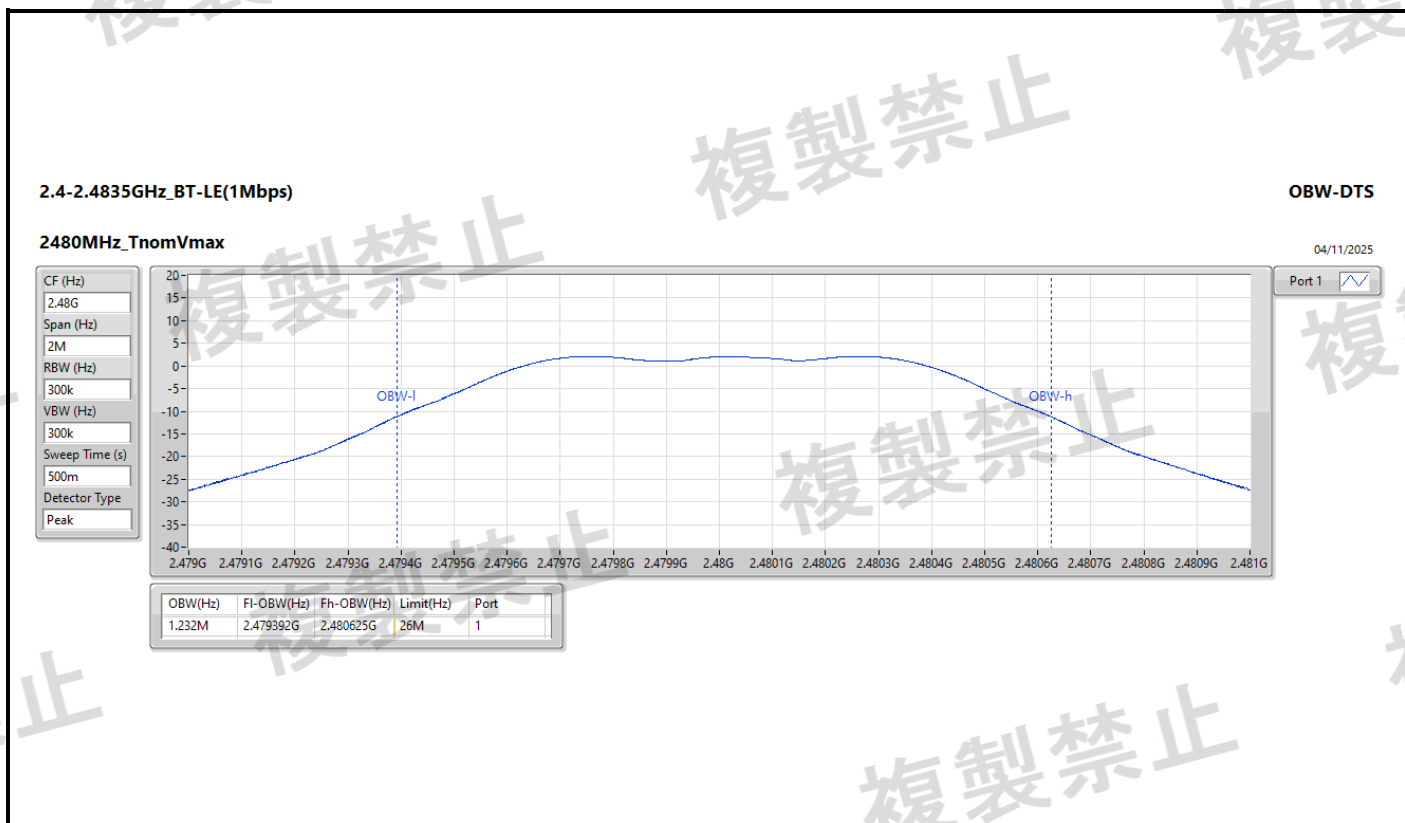
2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVmin

04/11/2025







Occupied Bandwidth

Appendix C.2

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(2Mbps)	2.161M	2M16F1D	2.153M

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

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
BT-LE(2Mbps)	-	-	-
2402MHz_TnomVnom	Pass	26M	2.153M
2402MHz_TnomVmin	Pass	26M	2.153M
2402MHz_TnomVmax	Pass	26M	2.155M
2440MHz_TnomVnom	Pass	26M	2.157M
2440MHz_TnomVmin	Pass	26M	2.157M
2440MHz_TnomVmax	Pass	26M	2.157M
2480MHz_TnomVnom	Pass	26M	2.161M
2480MHz_TnomVmin	Pass	26M	2.161M
2480MHz_TnomVmax	Pass	26M	2.161M

P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

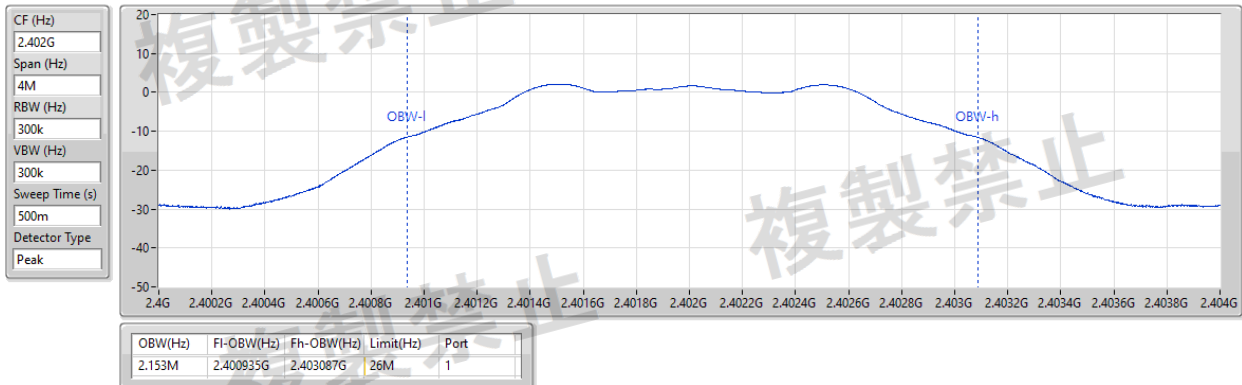


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVnom

04/11/2025

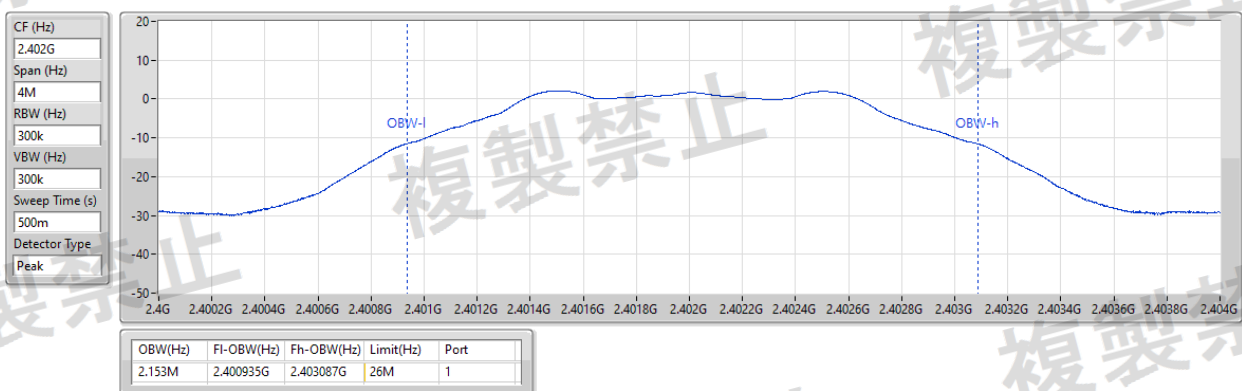


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVmin

04/11/2025



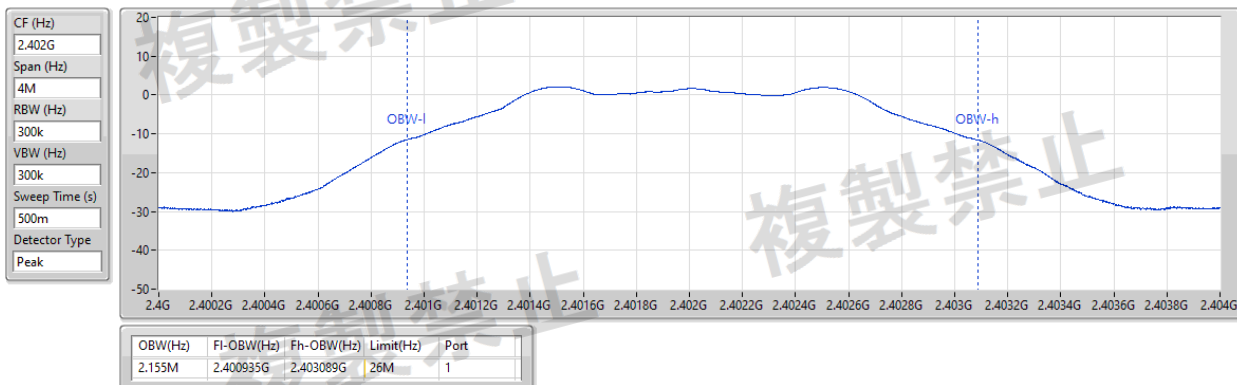


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVmax

04/11/2025

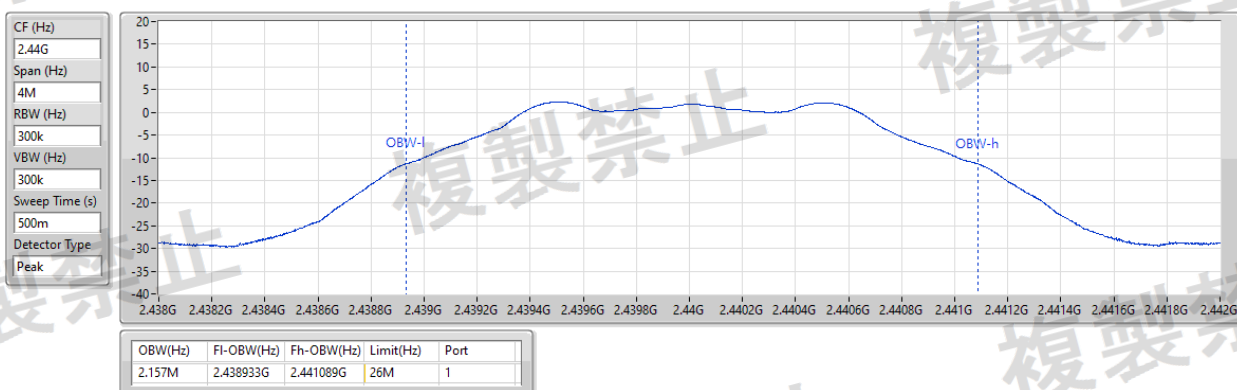


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVnom

04/11/2025



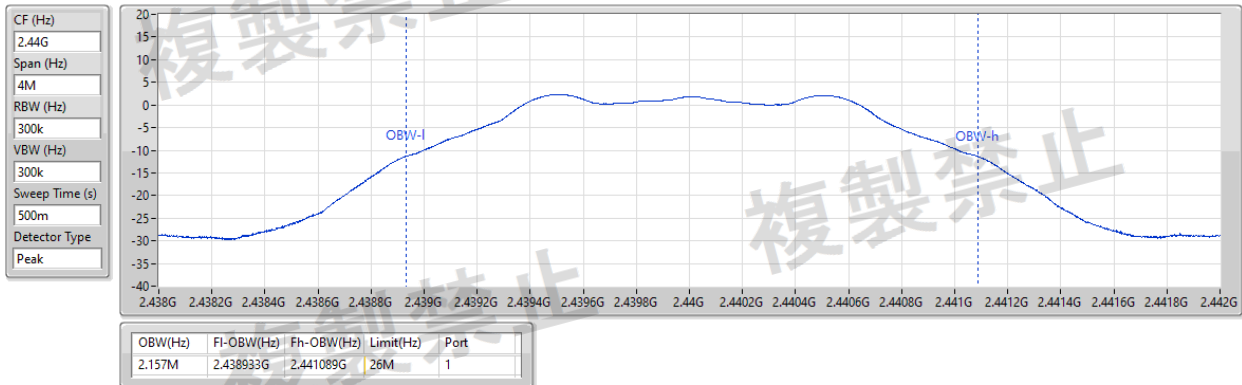


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVmin

04/11/2025

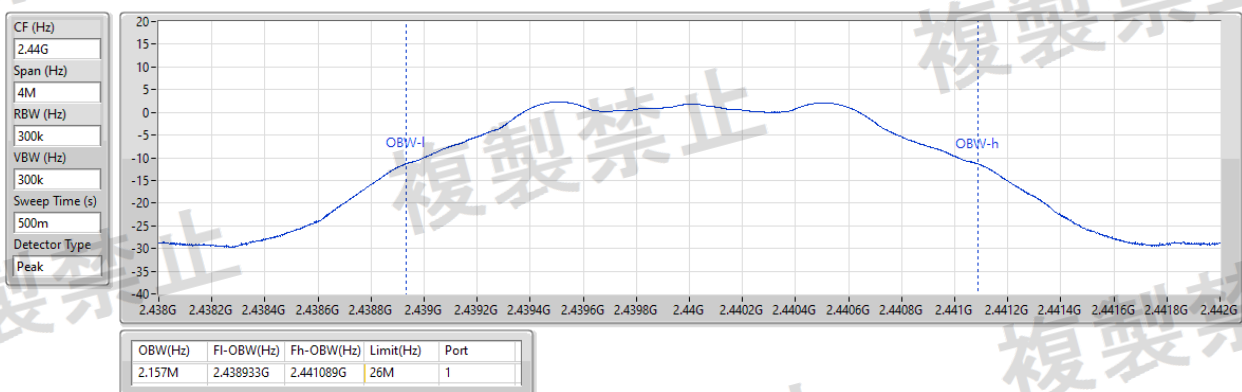


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVmax

04/11/2025



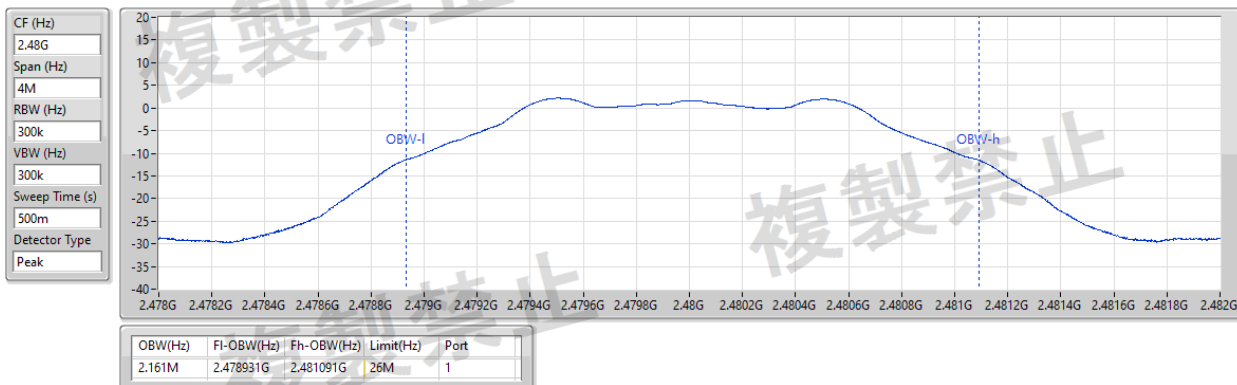


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2480MHz_TnomVnom

04/11/2025

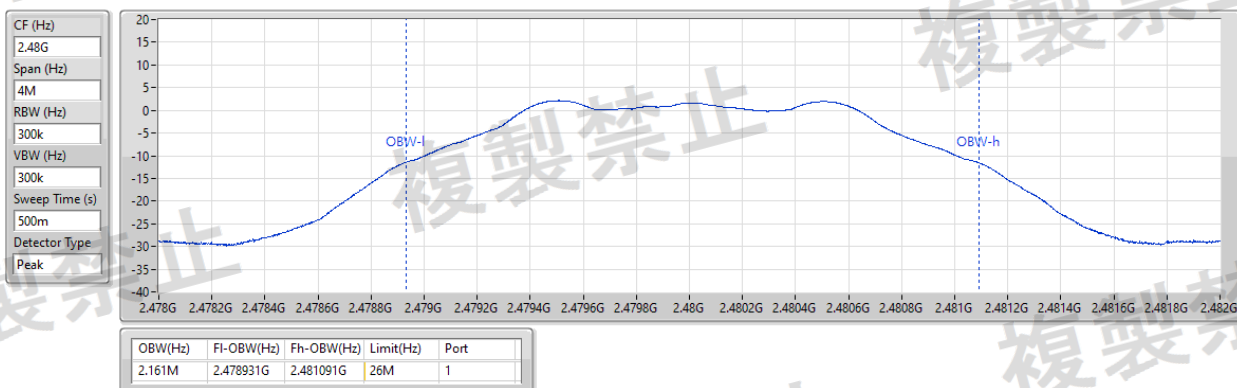


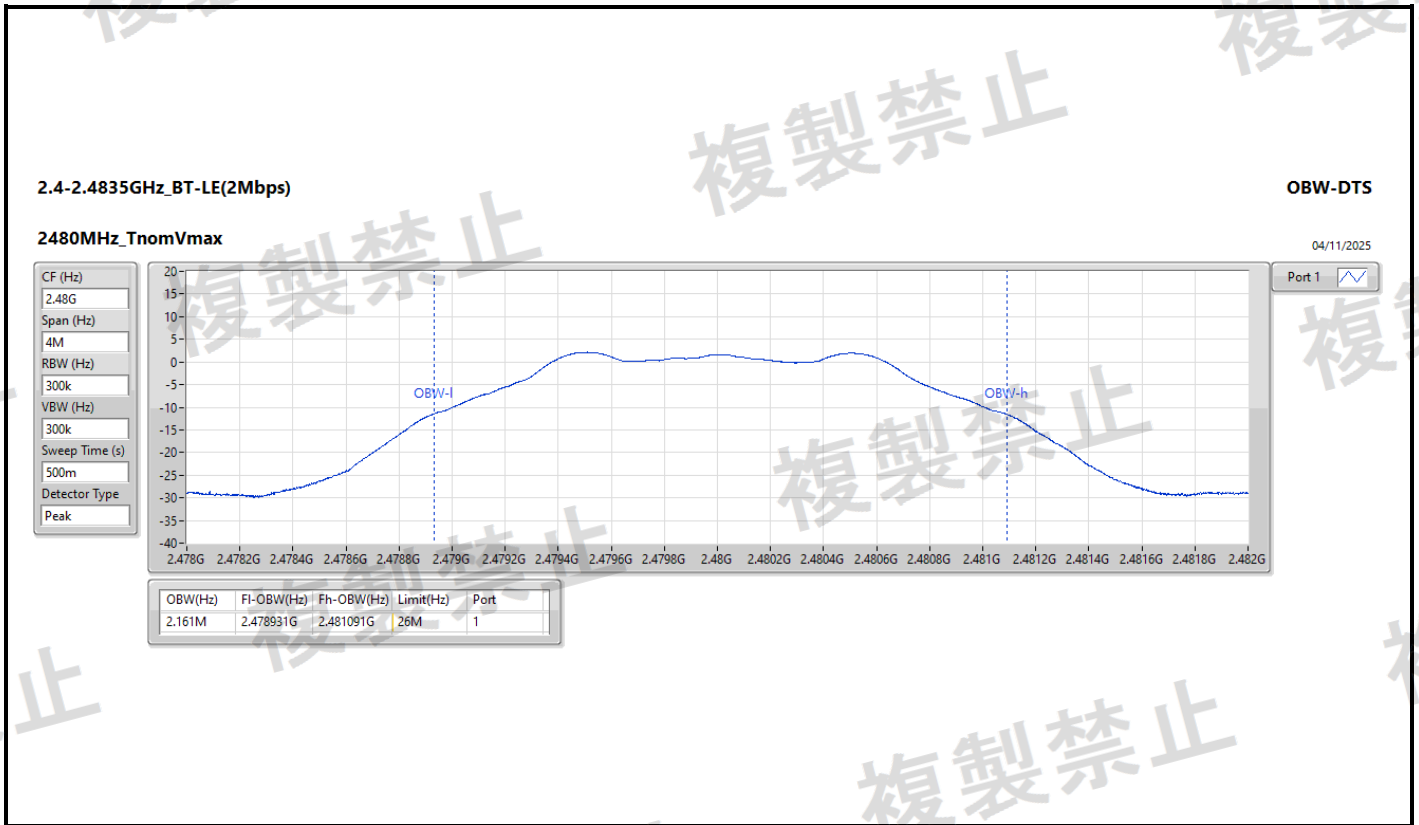
2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2480MHz_TnomVmin

04/11/2025





**Configuration 3: Chip 2, model AW300****Summary**

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(1Mbps)	1.231M	1M23F1D	1.229M

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	1.229M
2402MHz_TnomVmin	Pass	26M	1.229M
2402MHz_TnomVmax	Pass	26M	1.229M
2440MHz_TnomVnom	Pass	26M	1.231M
2440MHz_TnomVmin	Pass	26M	1.231M
2440MHz_TnomVmax	Pass	26M	1.231M
2480MHz_TnomVnom	Pass	26M	1.23M
2480MHz_TnomVmin	Pass	26M	1.23M
2480MHz_TnomVmax	Pass	26M	1.23M

P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

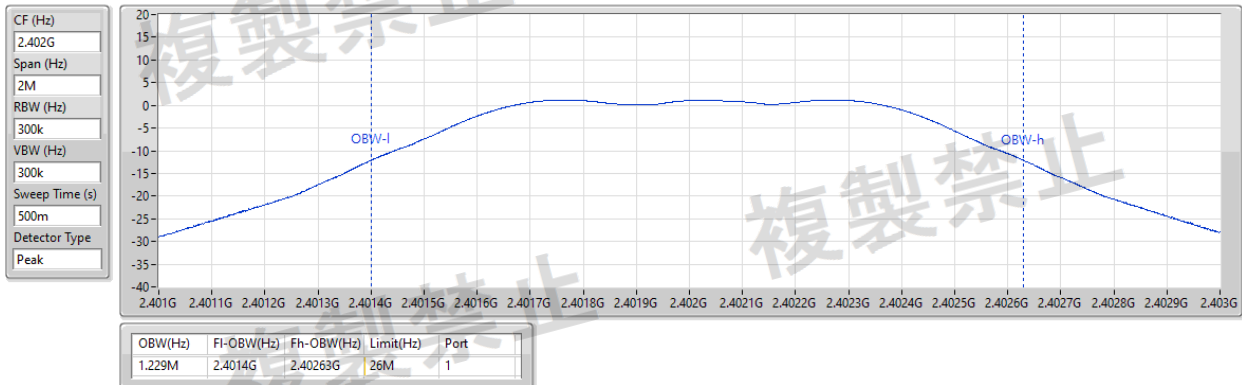


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVnom

05/11/2025

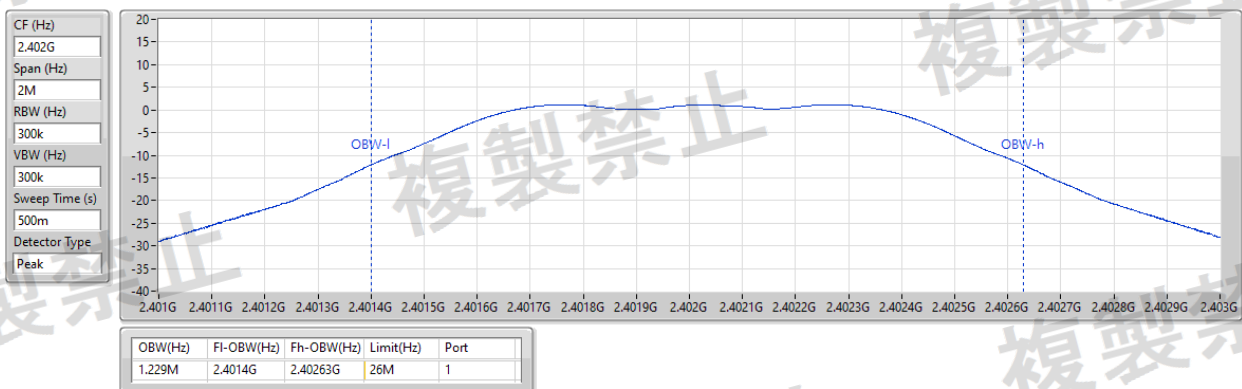


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmin

05/11/2025

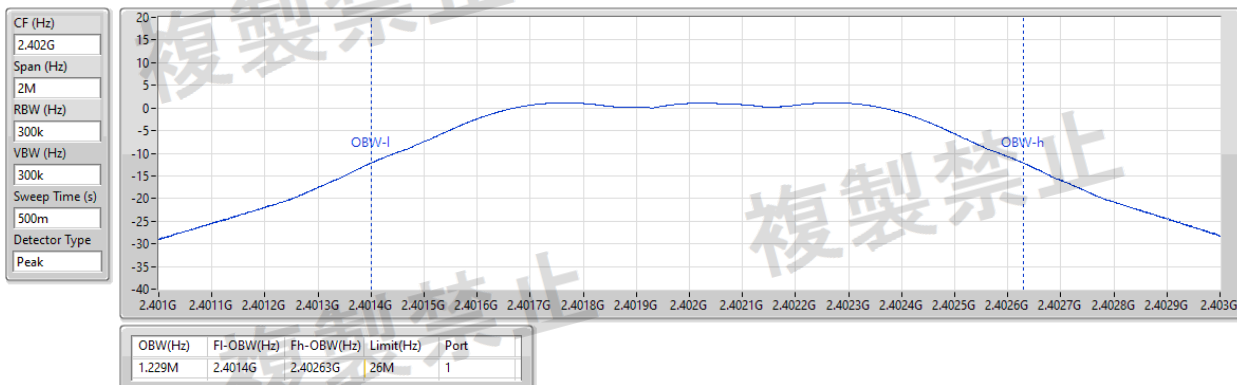


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2402MHz_TnomVmax

05/11/2025

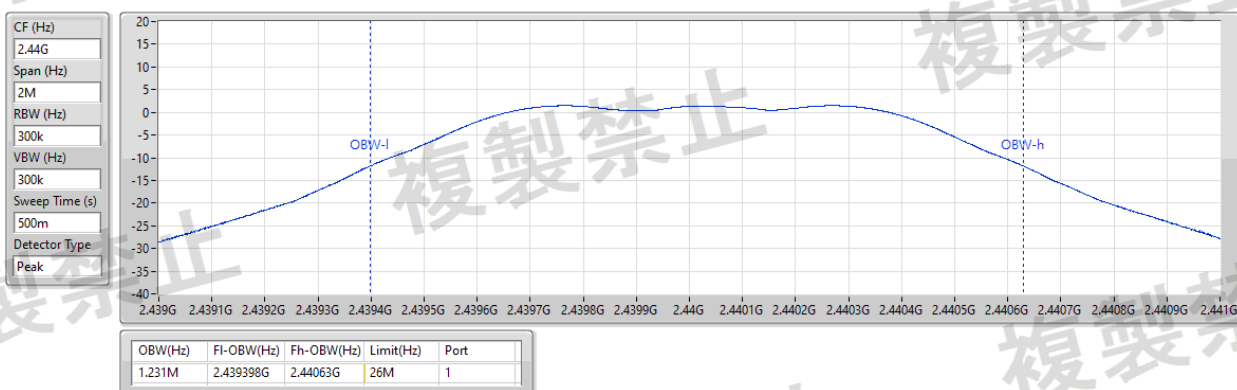


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVnom

05/11/2025



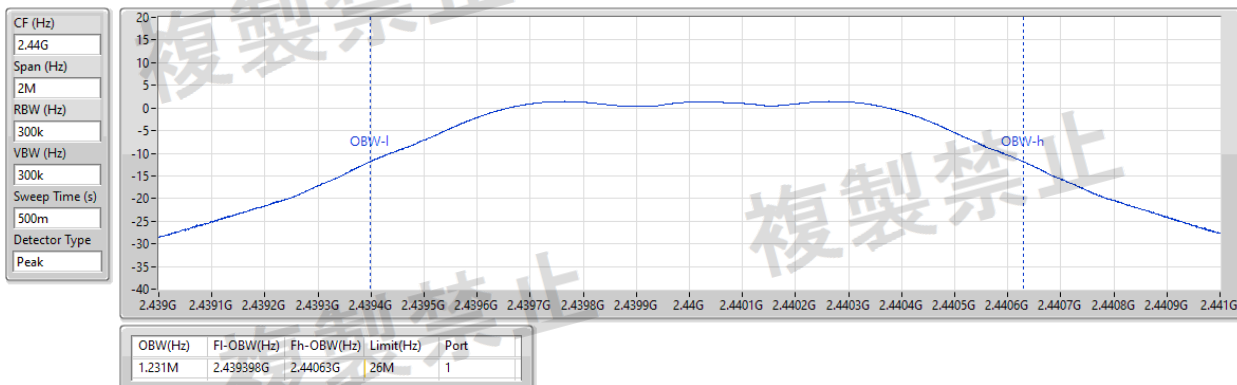


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmin

05/11/2025

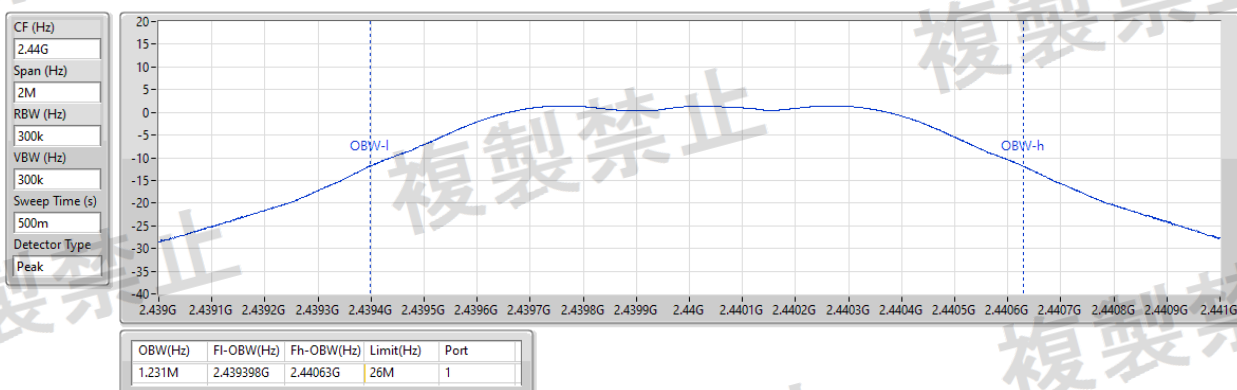


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2440MHz_TnomVmax

05/11/2025



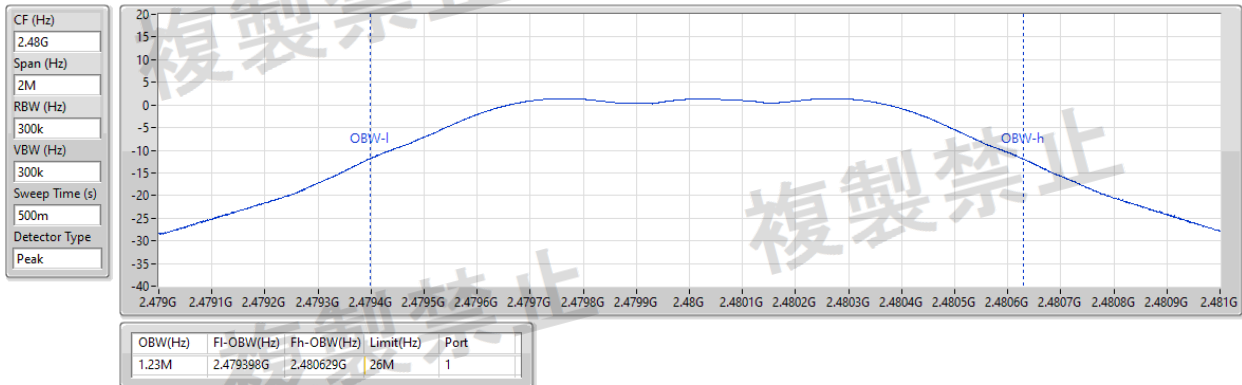


2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVnom

05/11/2025

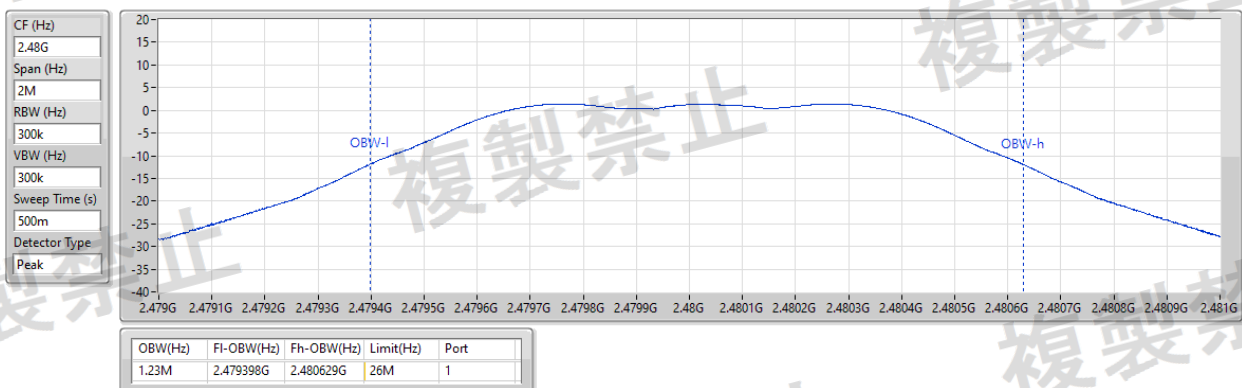


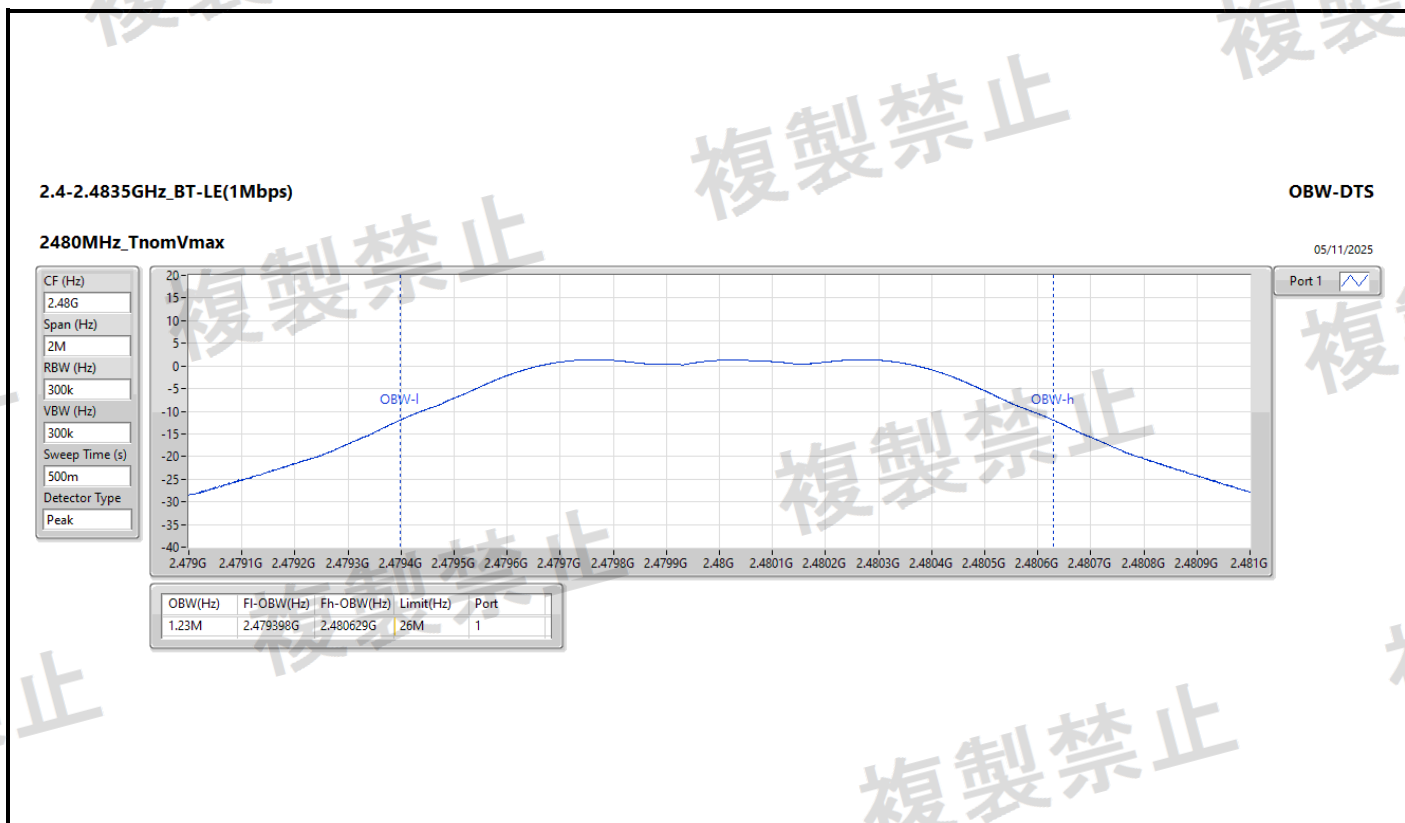
2.4-2.4835GHz_BT-LE(1Mbps)

OBW-DTS

2480MHz_TnomVmin

05/11/2025





**Summary**

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
BT-LE(2Mbps)	2.169M	2M17F1D	2.163M

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

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
BT-LE(2Mbps)	-	-	-
2402MHz_TnomVnom	Pass	26M	2.167M
2402MHz_TnomVmin	Pass	26M	2.167M
2402MHz_TnomVmax	Pass	26M	2.167M
2440MHz_TnomVnom	Pass	26M	2.163M
2440MHz_TnomVmin	Pass	26M	2.163M
2440MHz_TnomVmax	Pass	26M	2.163M
2480MHz_TnomVnom	Pass	26M	2.169M
2480MHz_TnomVmin	Pass	26M	2.169M
2480MHz_TnomVmax	Pass	26M	2.169M

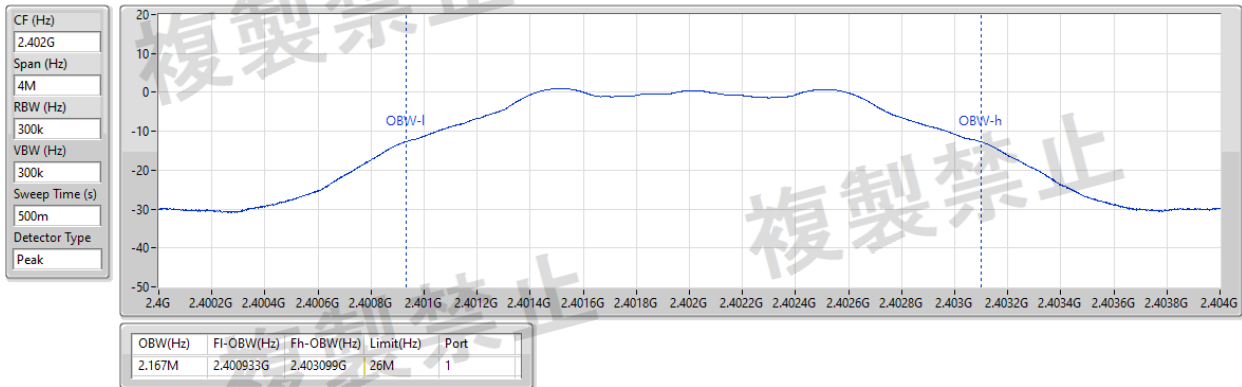
P1-OBW = Port 1 99% occupied bandwidth; P2-OBW = Port 2 99% occupied bandwidth; Pn-OBW = Port n 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVnom

05/11/2025

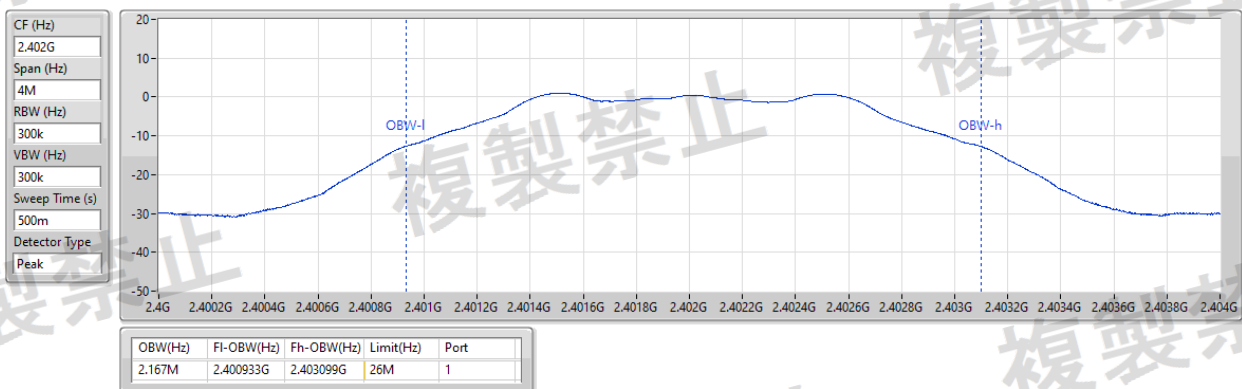


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVmin

05/11/2025

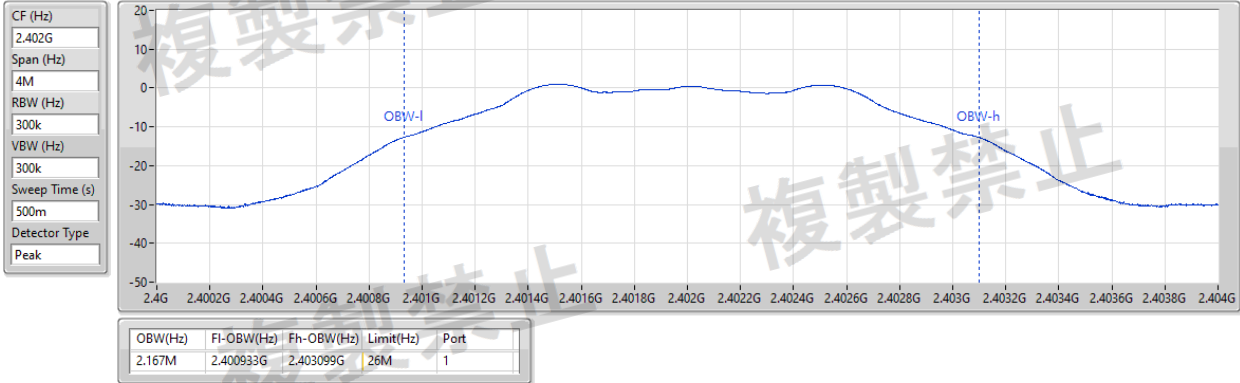


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2402MHz_TnomVmax

05/11/2025

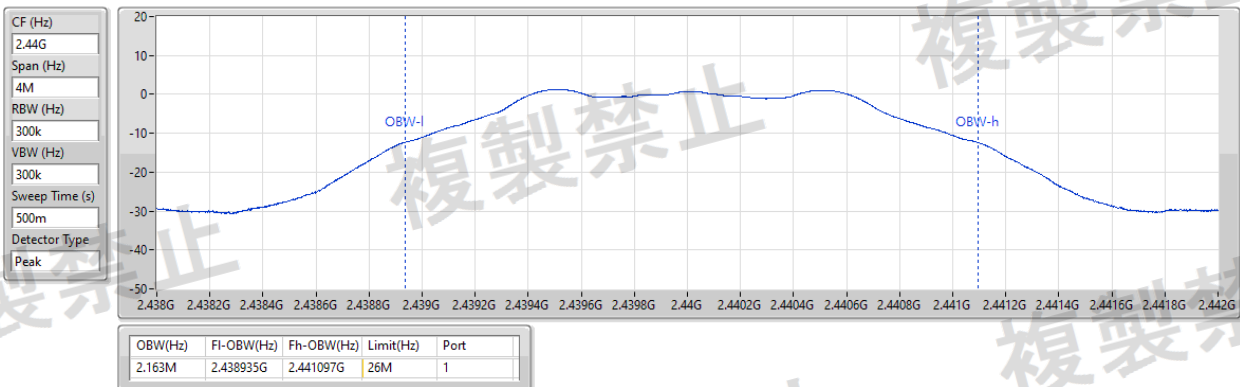


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVnom

05/11/2025

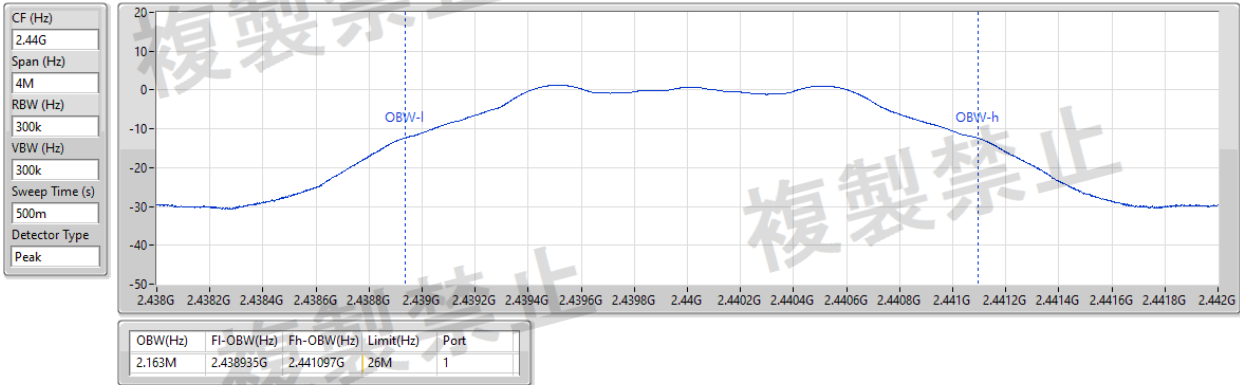


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVmin

05/11/2025

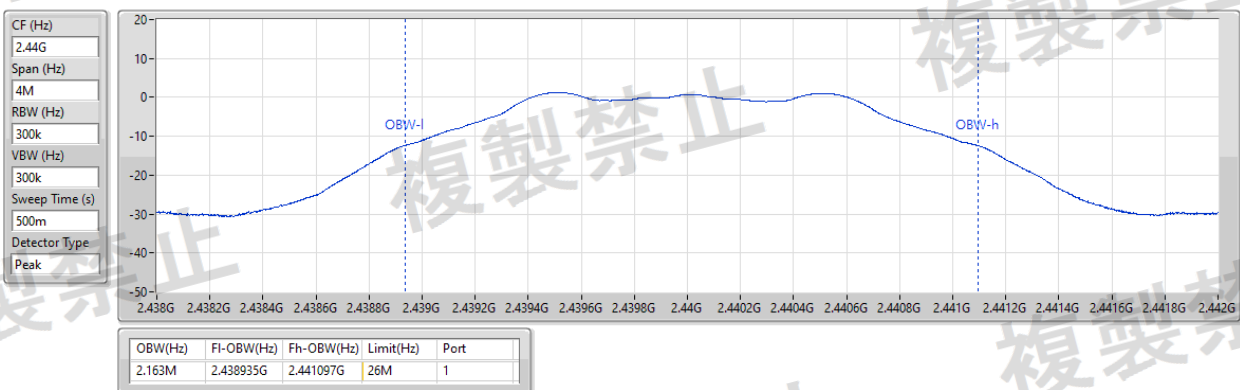


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2440MHz_TnomVmax

05/11/2025



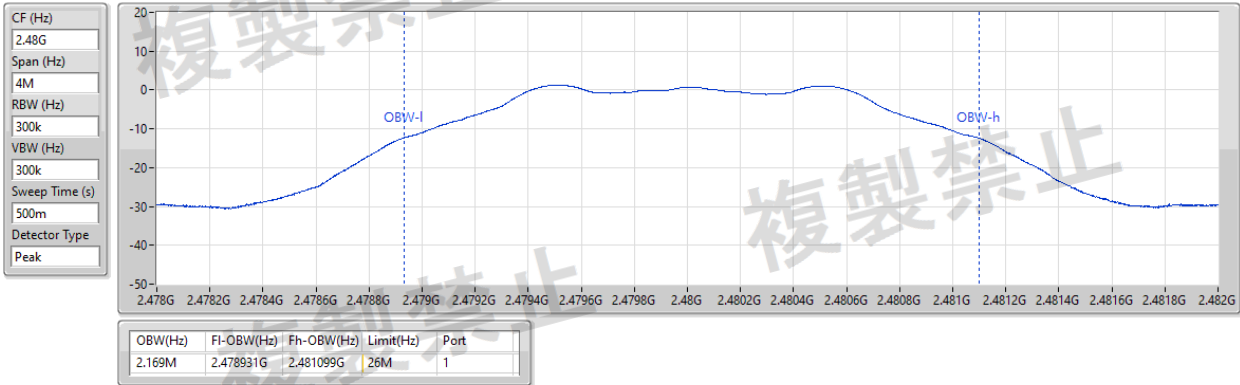


2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2480MHz_TnomVnom

05/11/2025

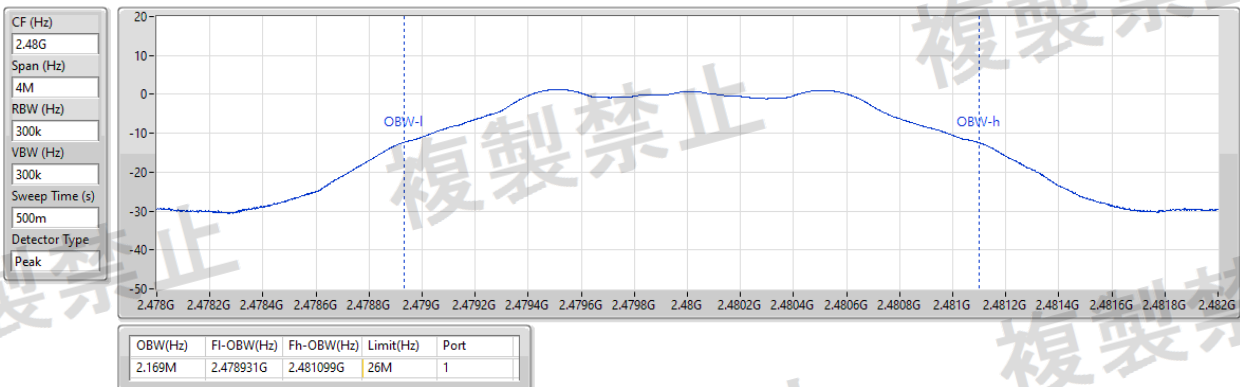


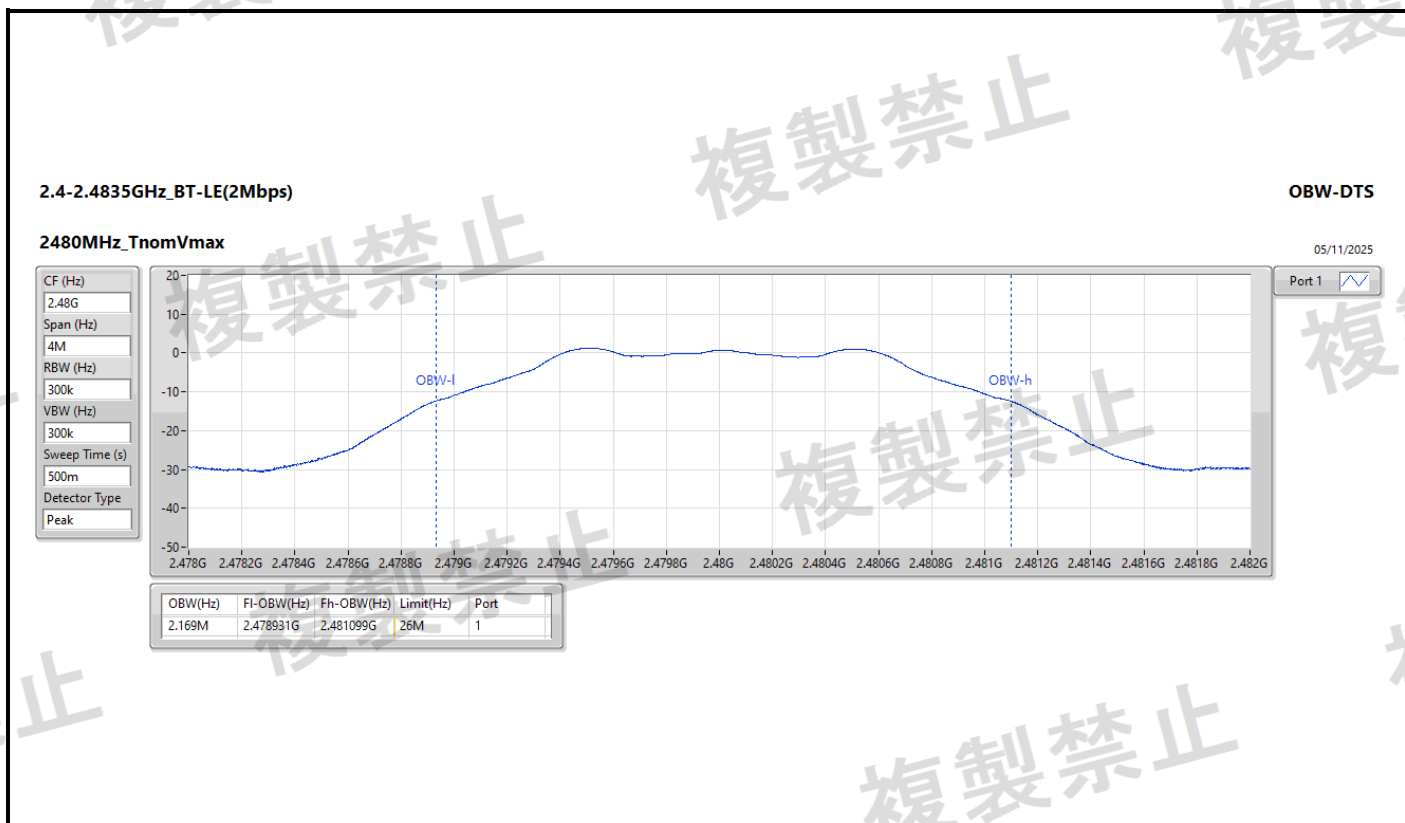
2.4-2.4835GHz_BT-LE(2Mbps)

OBW-DTS

2480MHz_TnomVmin

05/11/2025







Configuration 1: Combo chip, model AW611

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	2.4965G	12.5G	1M	11.22424G	-43.58	0.04385	-26.02	2.5



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	2.37676G	-53.24	0.00474	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-34.85	0.32734	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49069G	-52.38	0.00578	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.49156G	-44.21	0.03793	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	2.34649G	-53.52	0.00445	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.4G	-34.86	0.32659	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.4886G	-52.72	0.00535	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.48812G	-43.78	0.04188	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.387G	-53.09	0.00491	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.4G	-35.04	0.31333	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48488G	-52.63	0.00546	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.45717G	-43.60	0.04365	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.33802G	-53.68	0.00429	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39989G	-52.84	0.0052	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4942G	-52.63	0.00546	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.49344G	-44.15	0.03846	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	2.3666G	-53.60	0.00437	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39948G	-52.99	0.00502	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.49084G	-52.71	0.00536	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	11.22424G	-43.58	0.04385	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	2.34435G	-53.47	0.0045	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39525G	-53.03	0.00498	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48521G	-52.68	0.0054	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	11.20205G	-43.68	0.04285	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.27475G	-53.79	0.00418	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39963G	-53.33	0.00465	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4869G	-47.02	0.01986	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.22112G	-43.97	0.04009	-26.02	2.5
2480MHz_TnomVmin	Pass	30M	2.387G	1M	2.34531G	-53.55	0.00442	-26.02	2.5
2480MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39839G	-53.13	0.00486	-16.02	25
2480MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48711G	-47.27	0.01875	-16.02	25
2480MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.46342G	-43.71	0.04256	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	2.28123G	-53.61	0.00436	-26.02	2.5
2480MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.38767G	-53.19	0.0048	-16.02	25
2480MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48699G	-47.19	0.0191	-16.02	25
2480MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.47624G	-44.09	0.03899	-26.02	2.5

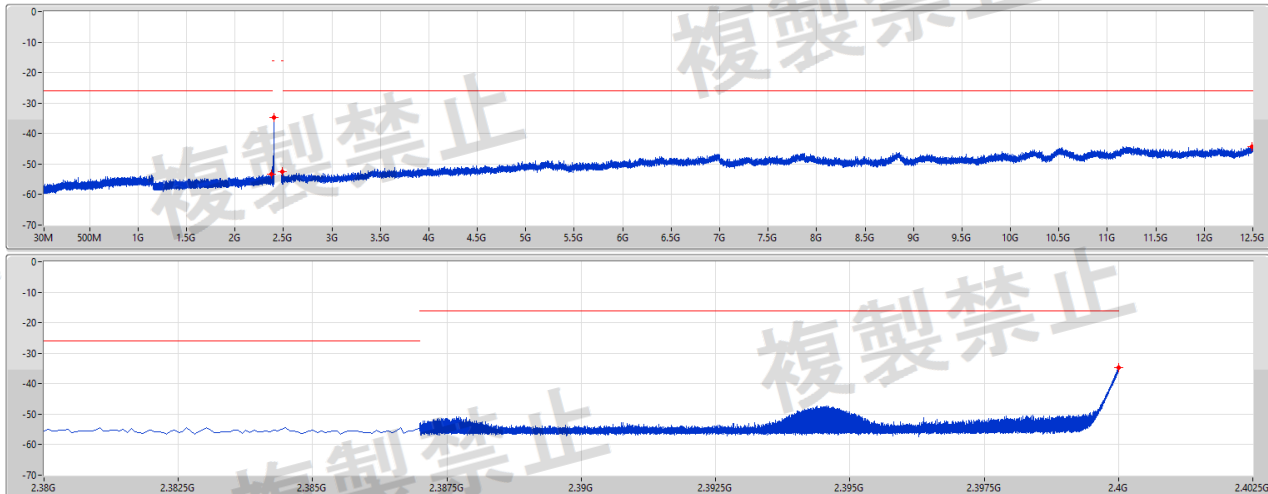


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

13/11/2025



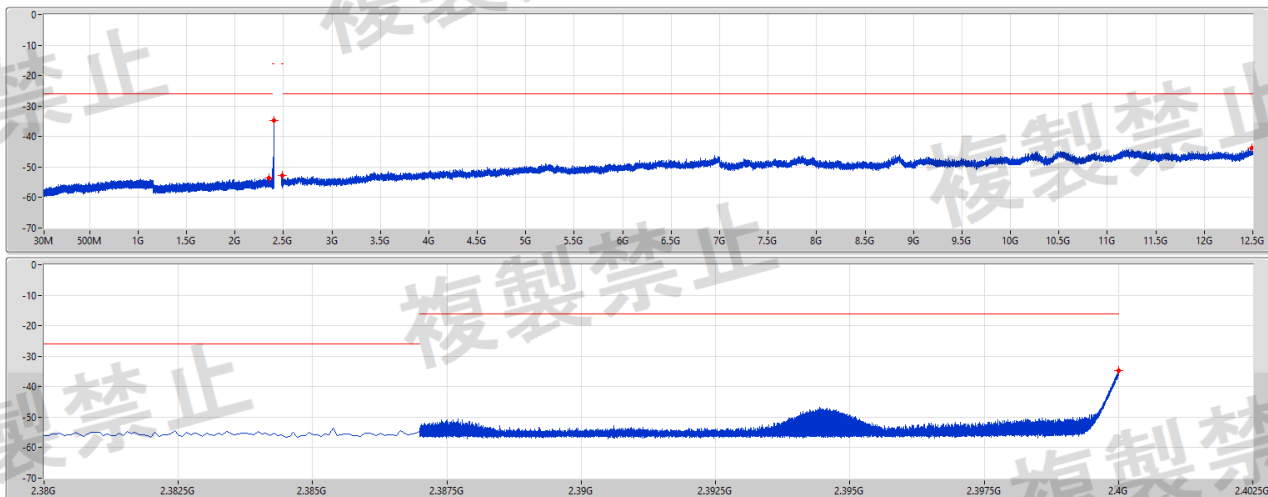
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.37676G	-53.24	-26.02	-27.22	-53.24
2.387G	2.4G	2.4G	-34.85	-16.02	-18.83	-34.85
2.4835G	2.4965G	2.49069G	-52.38	-16.02	-36.36	-52.38
2.4965G	12.5G	12.49136G	-44.21	-26.02	-18.19	-44.21

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmin

13/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.34649G	-53.52	-26.02	-27.50	-53.52
2.387G	2.4G	2.4G	-34.86	-16.02	-18.84	-34.86
2.4835G	2.4965G	2.4806G	-52.72	-16.02	-36.70	-52.72
2.4965G	12.5G	12.48812G	-43.78	-26.02	-17.76	-43.78

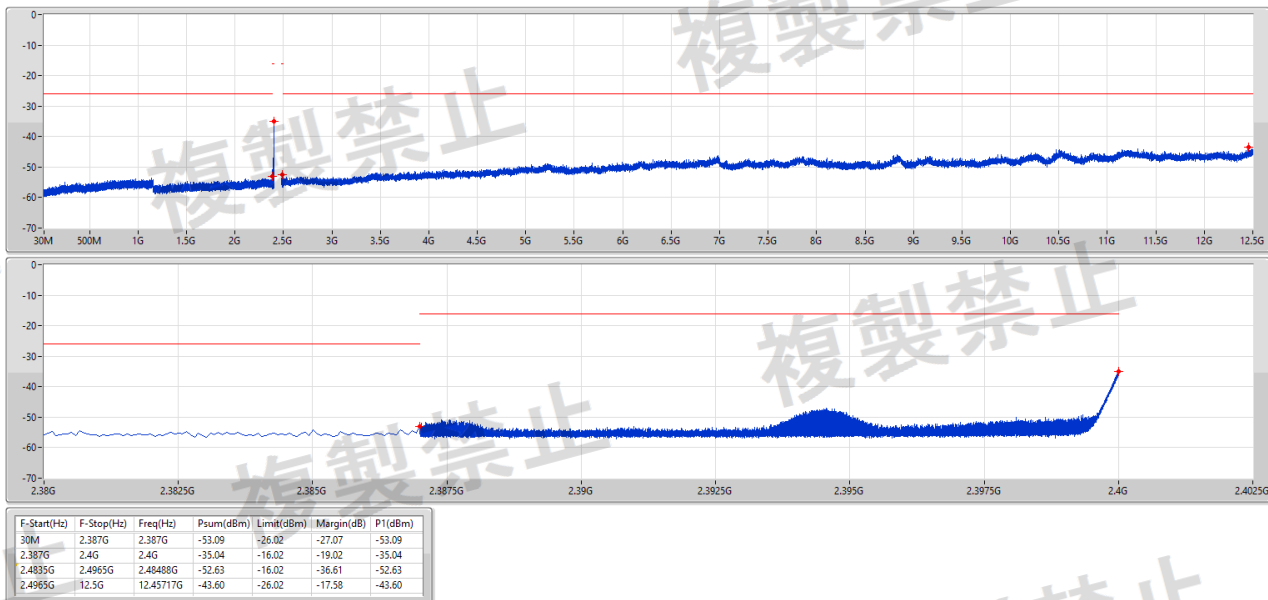


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmax

13/11/2025

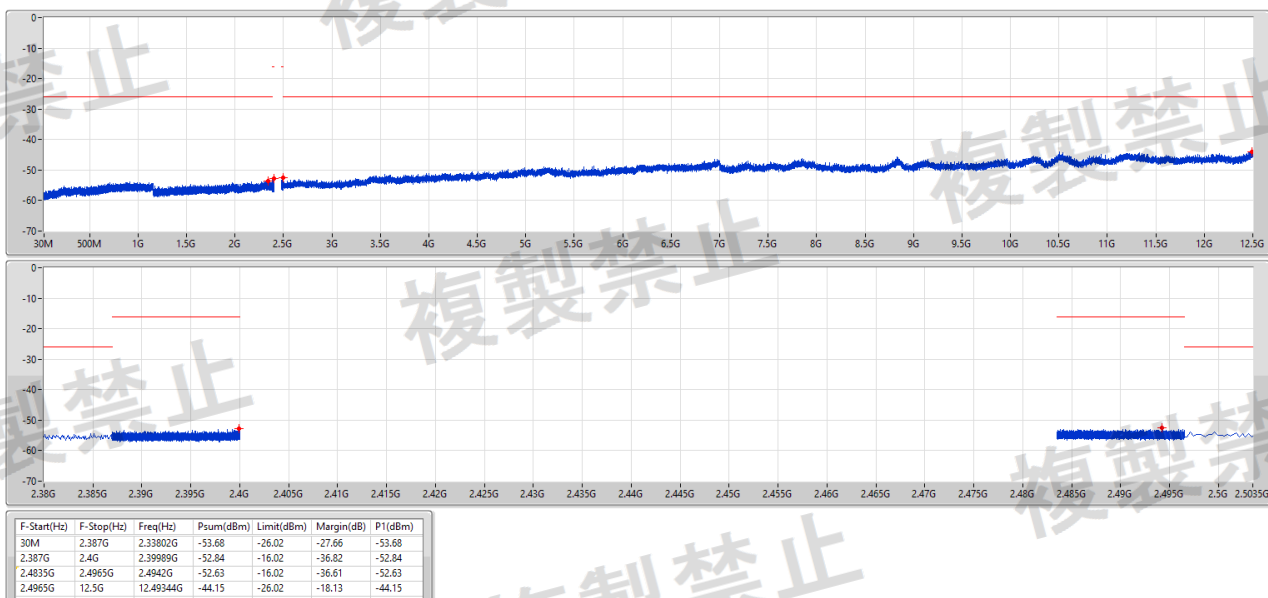


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

13/11/2025



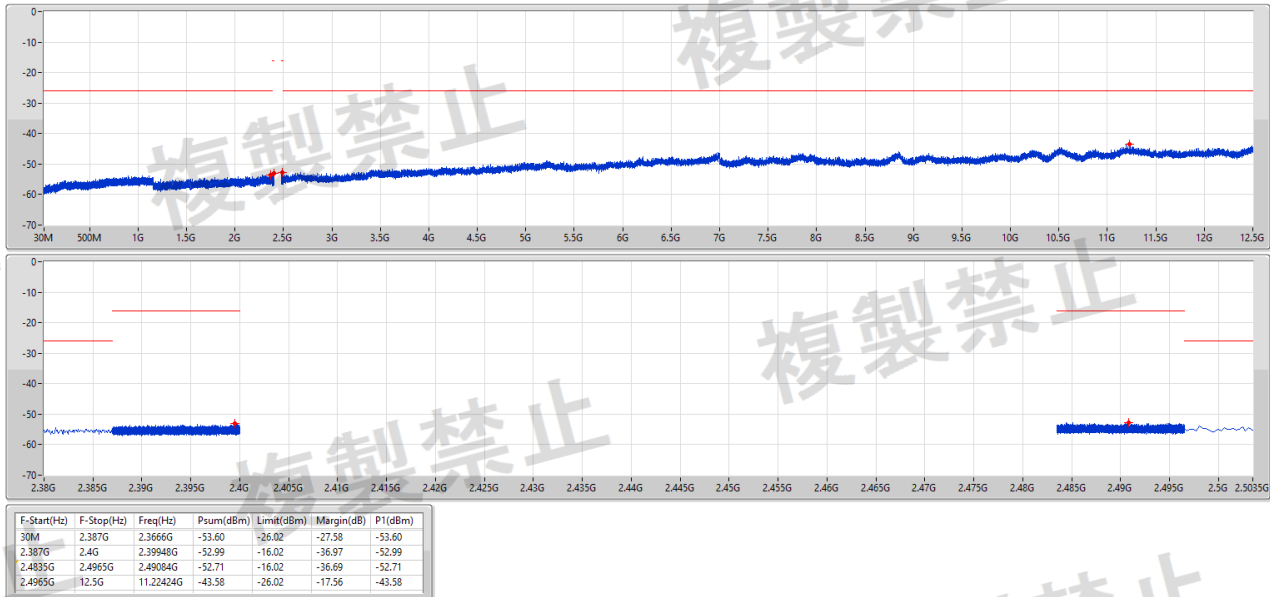


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmin

13/11/2025

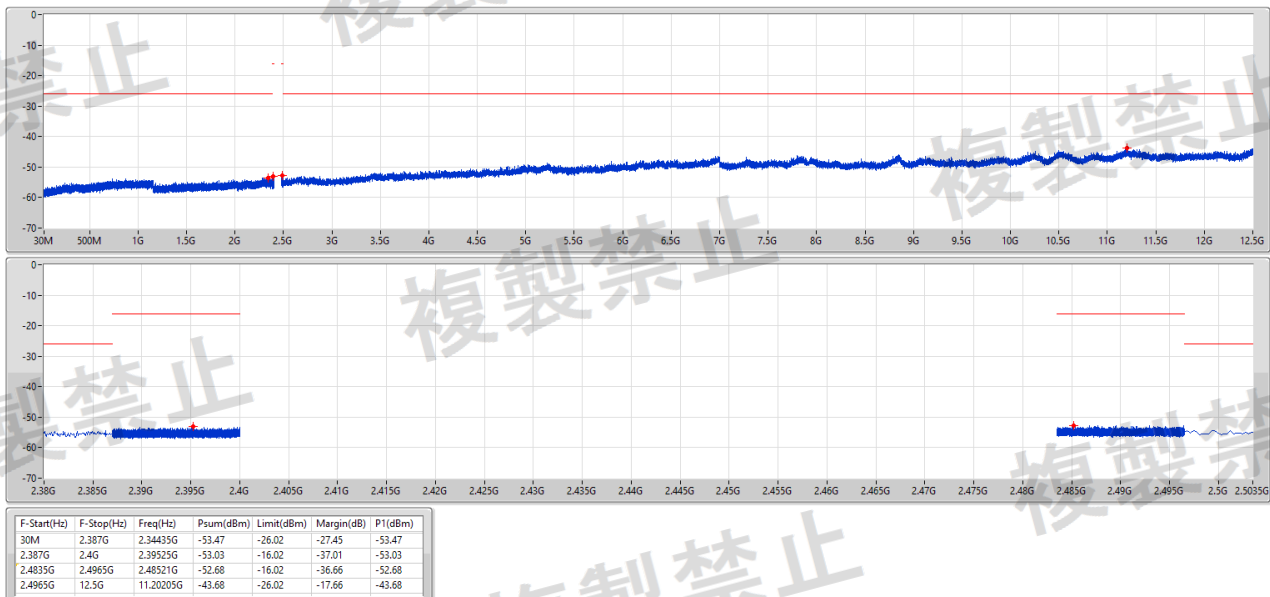


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmax

13/11/2025



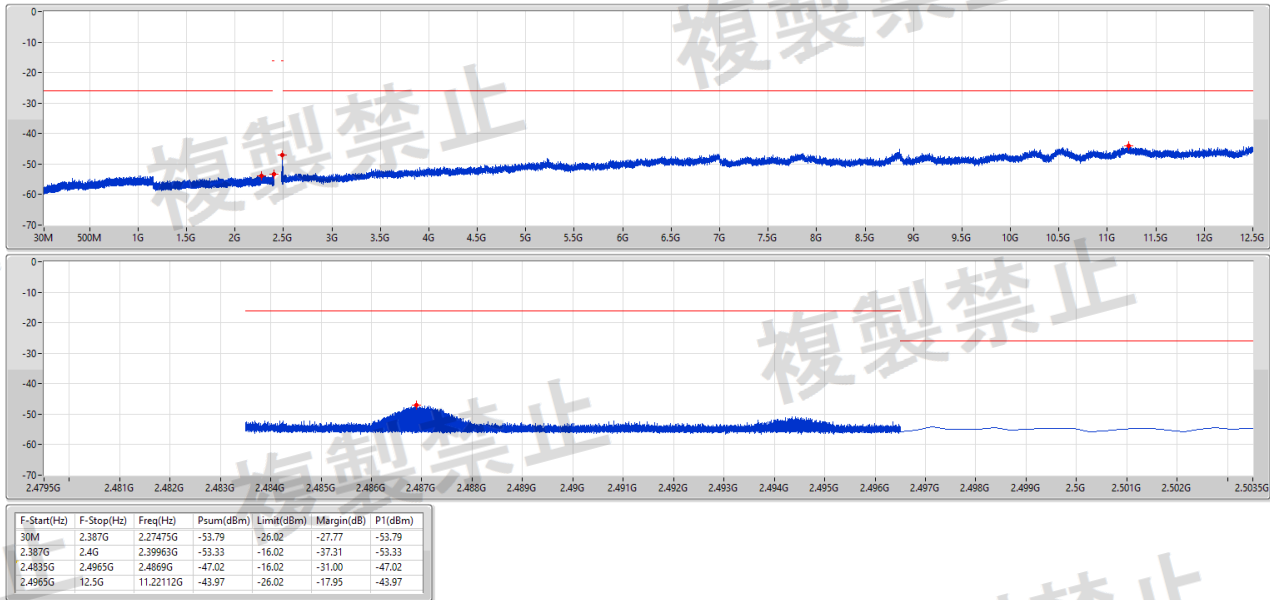


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVnom

13/11/2025

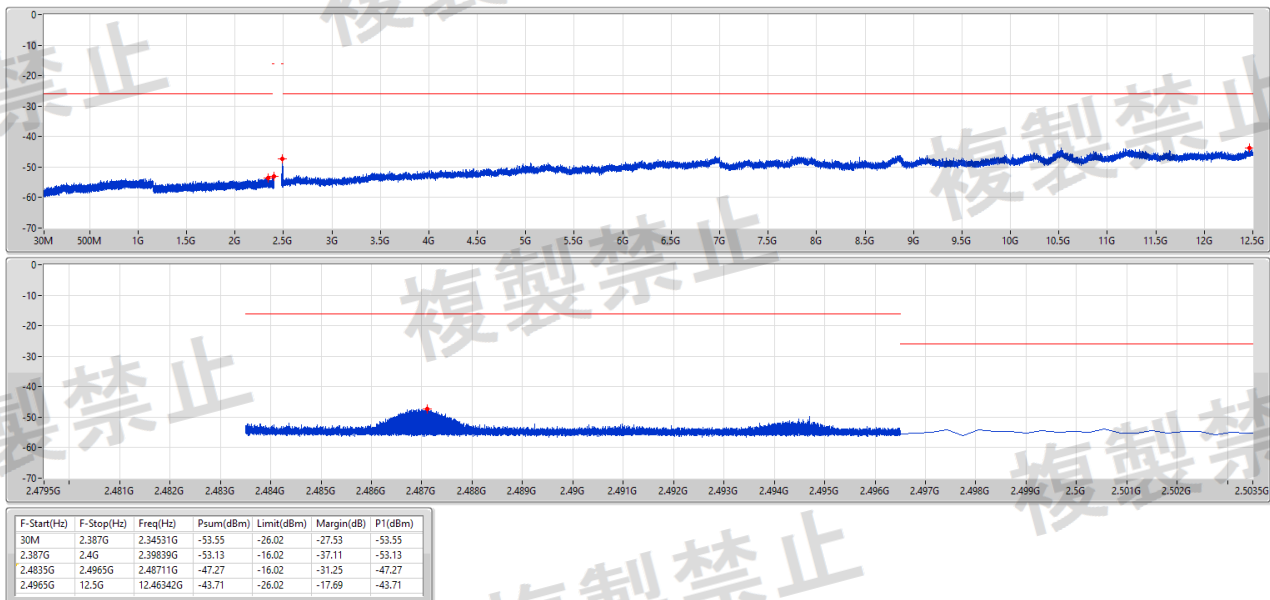


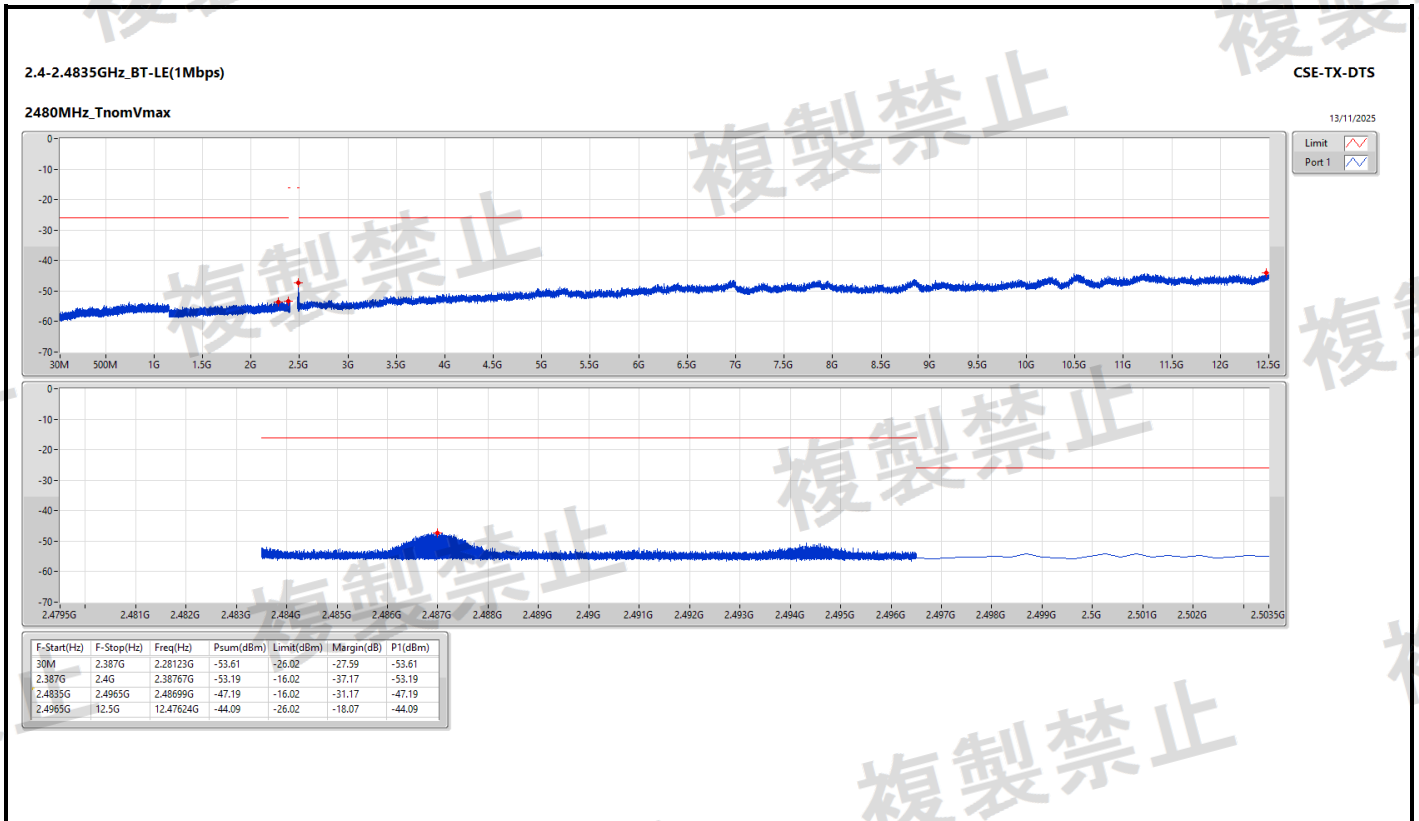
2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVmin

13/11/2025







Configuration 2: Chip 1, model AW300

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	2.4965G	12.5G	1M	12.49625G	-43.75	0.04217	-26.02	2.5



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	2.38678G	-52.92	0.00511	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-35.05	0.31261	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48934G	-53.04	0.00497	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.18048G	-44.21	0.03793	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	2.38693G	-53.22	0.00476	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39999G	-35.20	0.302	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48392G	-52.93	0.00509	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.47249G	-43.97	0.04009	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.38685G	-53.78	0.00419	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.4G	-35.13	0.3069	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.49279G	-52.90	0.00513	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	11.25175G	-44.35	0.03673	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	1.04808G	-53.97	0.00401	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.3998G	-53.18	0.00481	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49602G	-52.87	0.00516	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.48562G	-44.32	0.03698	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	2.28823G	-53.61	0.00436	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39844G	-53.14	0.00485	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.49541G	-52.81	0.00524	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.49625G	-43.75	0.04217	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	905.18M	-53.54	0.00443	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.38998G	-53.20	0.00479	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.4951G	-53.02	0.00499	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49406G	-43.98	0.03999	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.29869G	-53.93	0.00405	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39788G	-53.29	0.00469	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48732G	-47.03	0.01982	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.26269G	-43.99	0.0399	-26.02	2.5
2480MHz_TnomVmin	Pass	30M	2.387G	1M	1.13816G	-53.93	0.00405	-26.02	2.5
2480MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39412G	-53.46	0.00451	-16.02	25
2480MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48721G	-46.90	0.02042	-16.02	25
2480MHz_TnomVmin	Pass	2.4965G	12.5G	1M	11.26801G	-44.19	0.03811	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	1.08277G	-53.67	0.0043	-26.02	2.5
2480MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39805G	-53.29	0.00469	-16.02	25
2480MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48727G	-47.07	0.01963	-16.02	25
2480MHz_TnomVmax	Pass	2.4965G	12.5G	1M	10.53056G	-43.91	0.04064	-26.02	2.5

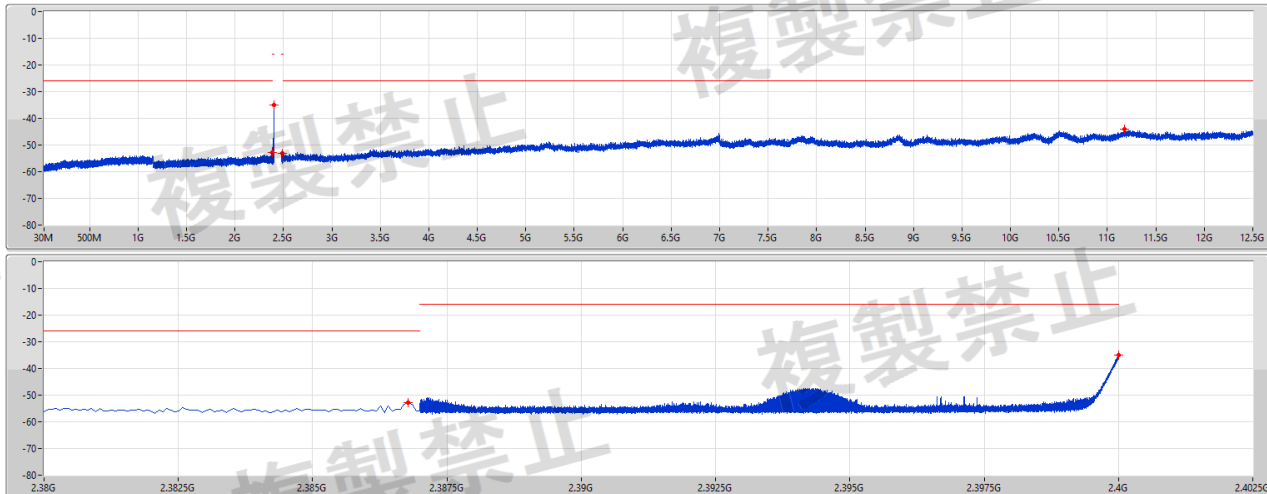


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

04/11/2025



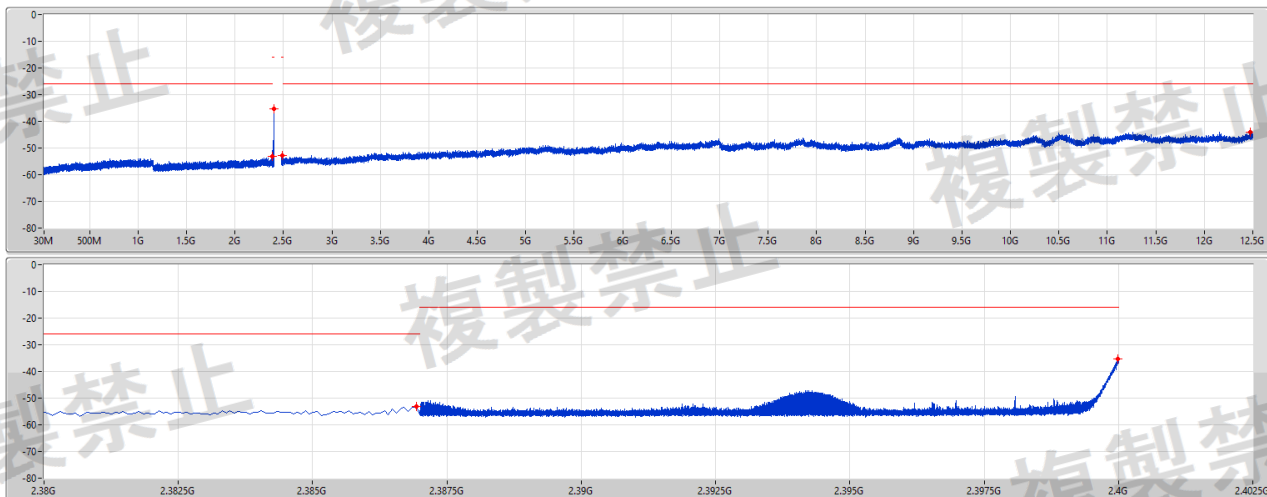
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38678G	-52.92	-26.02	-26.90	-52.92
2.387G	2.4G	2.4G	-35.05	-16.02	-19.03	-35.05
2.4835G	2.4965G	2.48934G	-53.04	-16.02	-37.02	-53.04
2.4965G	12.5G	11.18048G	-44.21	-26.02	-18.19	-44.21

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38693G	-53.22	-26.02	-27.20	-53.22
2.387G	2.4G	2.39999G	-35.20	-16.02	-19.18	-35.20
2.4835G	2.4965G	2.48390G	-52.93	-16.02	-36.91	-52.93
2.4965G	12.5G	12.47249G	-43.97	-26.02	-17.95	-43.97

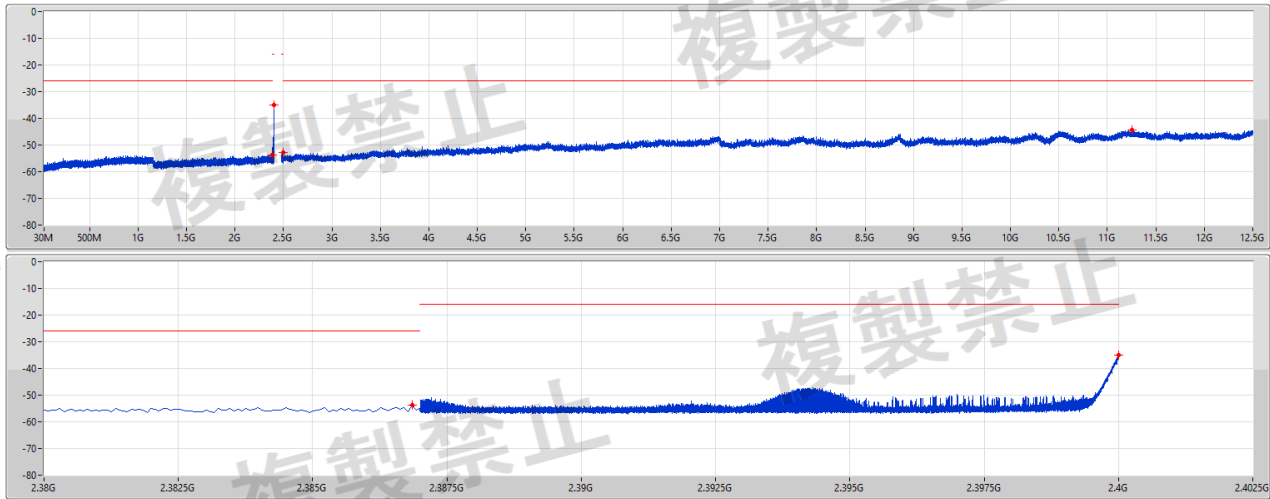


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmax

04/11/2025



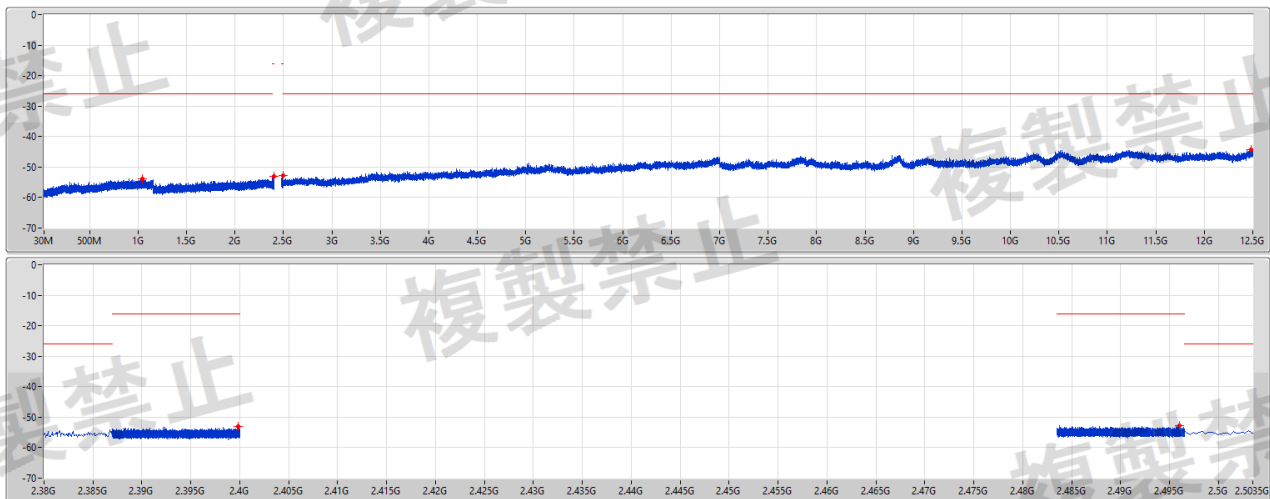
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38685G	-53.78	-26.02	-27.76	-53.78
2.387G	2.4G	2.4G	-35.13	-16.02	-19.11	-35.13
2.4835G	2.4965G	2.49279G	-52.90	-16.02	-36.88	-52.90
2.4965G	12.5G	11.25175G	-44.35	-26.02	-18.33	-44.35

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	1.04800G	-53.97	-26.02	-27.95	-53.97
2.387G	2.4G	2.3998G	-53.18	-16.02	-37.16	-53.18
2.4835G	2.4965G	2.49602G	-52.87	-16.02	-36.85	-52.87
2.4965G	12.5G	12.48562G	-44.32	-26.02	-18.30	-44.32

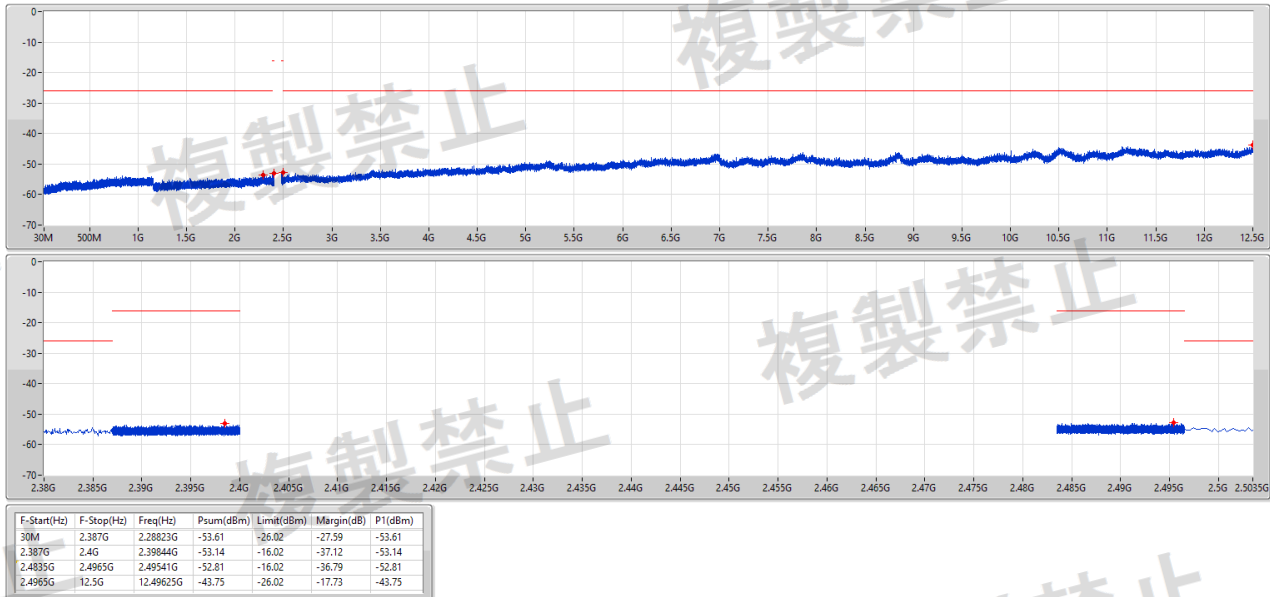


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmin

04/11/2025

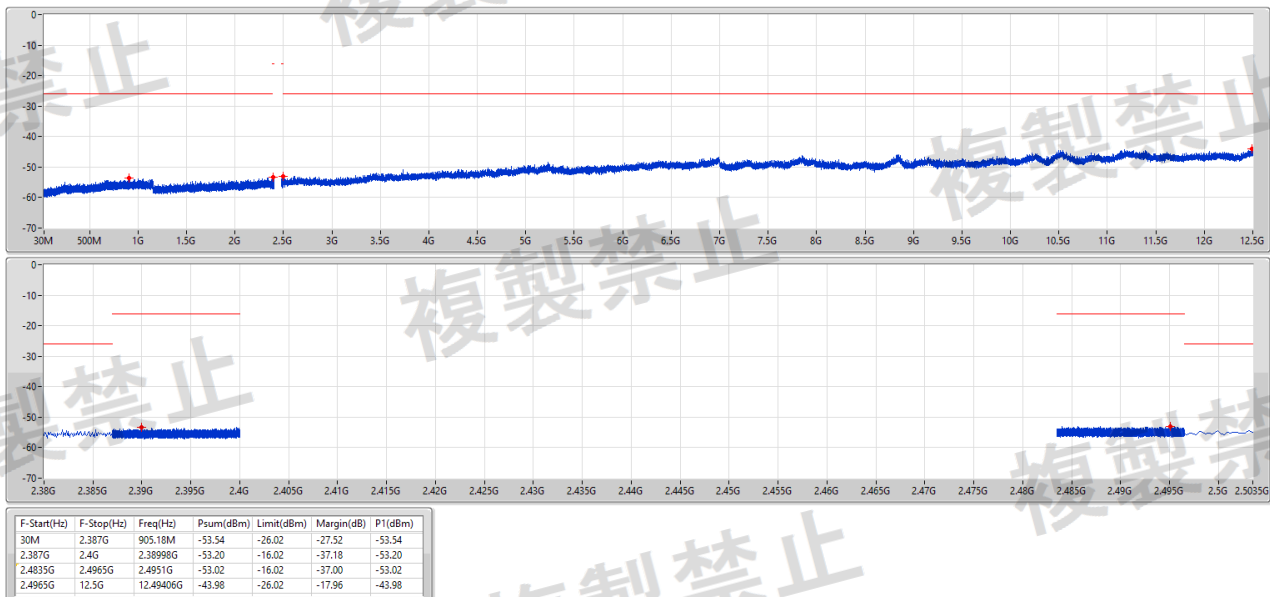


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmax

04/11/2025



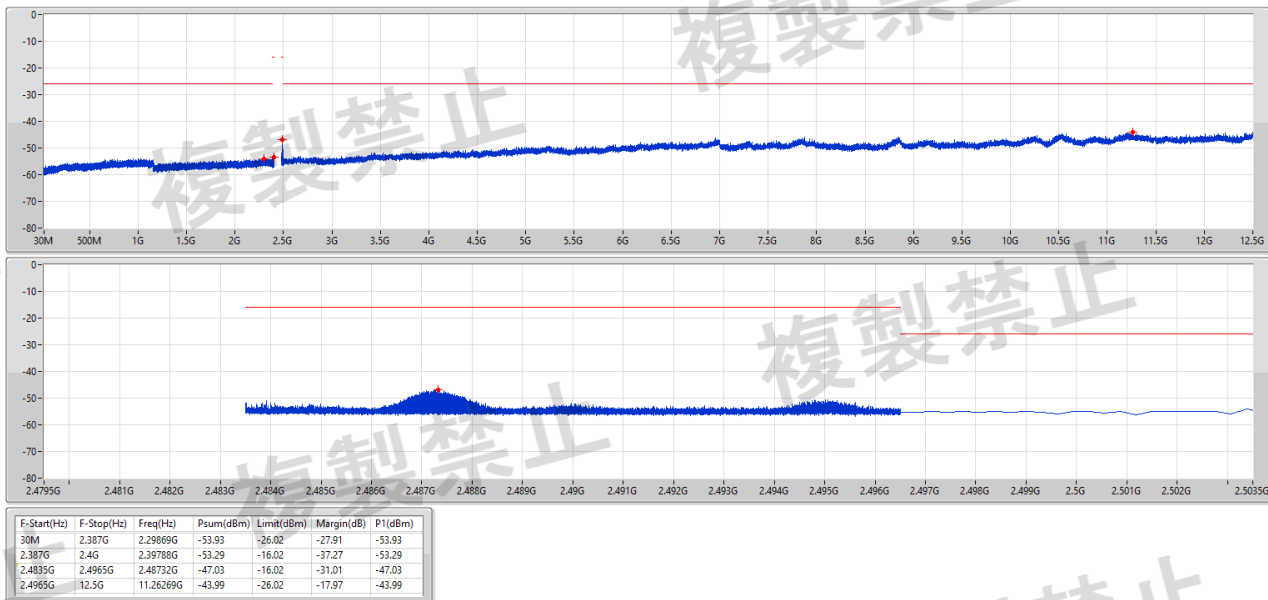


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVnom

04/11/2025

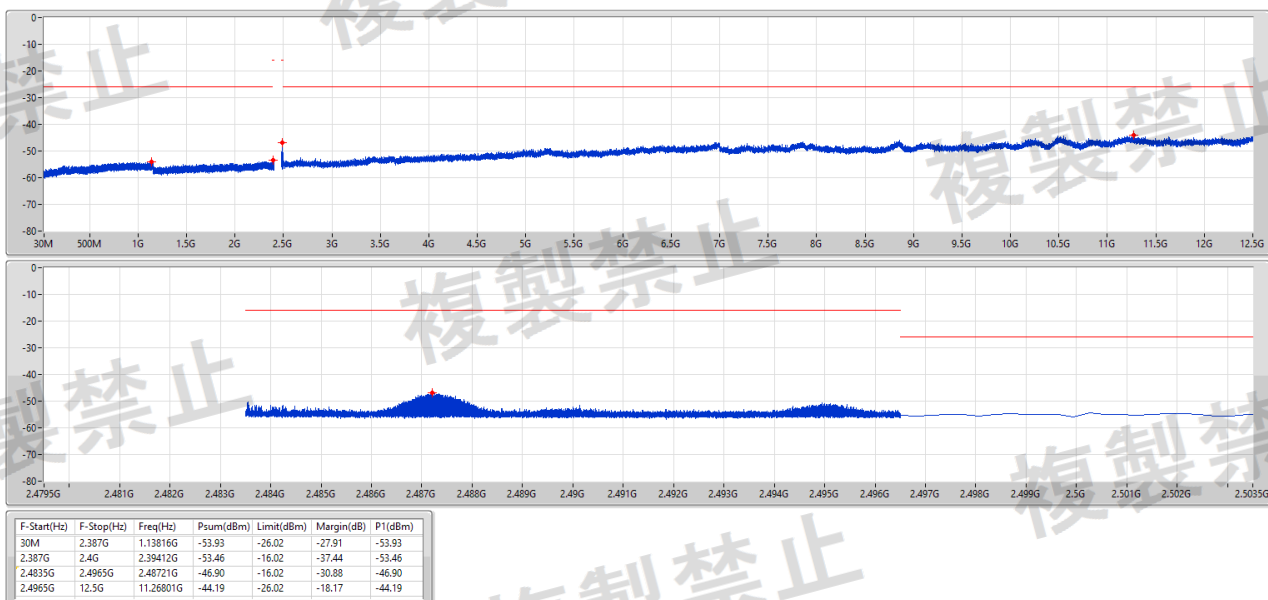


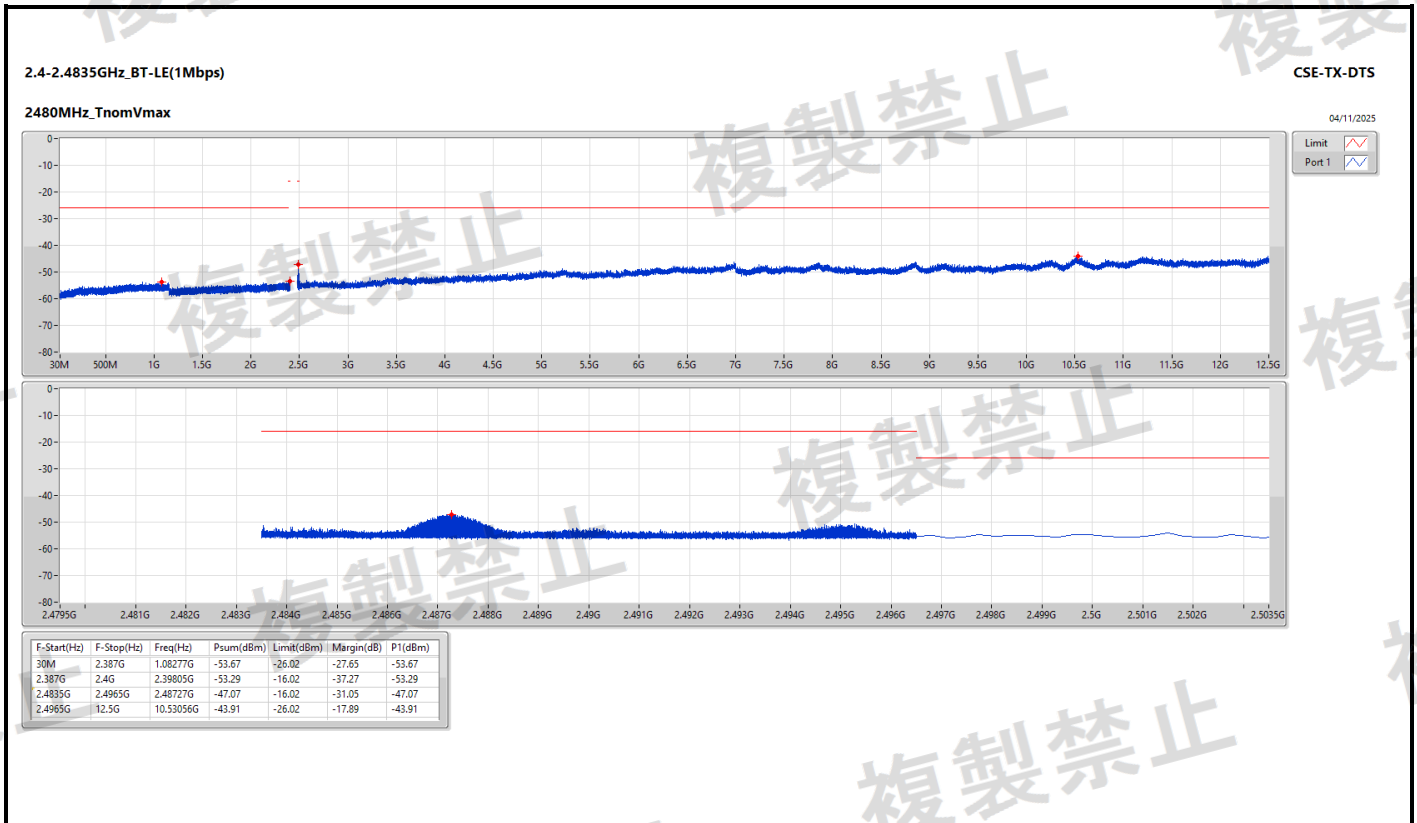
2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVmin

04/11/2025







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(2Mbps)	Pass	2.387G	2.4G	1M	2.4G	-22.64	5.44503	-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(2Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2.38693G	-52.91	0.00512	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.4G	-22.78	5.2723	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4903G	-52.98	0.00504	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.48281G	-44.29	0.03724	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	1.04366G	-53.55	0.00442	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39999G	-22.71	5.35797	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.4846G	-52.99	0.00502	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	11.19798G	-44.06	0.03926	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.38634G	-53.10	0.0049	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.4G	-22.64	5.44503	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.4929G	-52.79	0.00526	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.44342G	-44.19	0.03811	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	933.25M	-53.47	0.0045	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39993G	-53.43	0.00454	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48797G	-52.36	0.00581	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.20611G	-43.94	0.04036	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	1.06067G	-53.65	0.00432	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39172G	-53.43	0.00454	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48675G	-52.93	0.00509	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	11.17954G	-43.99	0.0399	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	2.30752G	-53.43	0.00454	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39057G	-53.29	0.00469	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.49041G	-52.71	0.00536	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49906G	-43.98	0.03999	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	995.93M	-53.81	0.00416	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39787G	-53.62	0.00435	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48694G	-46.82	0.0208	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.4778G	-44.10	0.0389	-26.02	2.5
2480MHz_TnomVmin	Pass	30M	2.387G	1M	2.29103G	-53.81	0.00416	-26.02	2.5
2480MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39888G	-53.27	0.00471	-16.02	25
2480MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48692G	-47.25	0.01884	-16.02	25
2480MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.44998G	-44.04	0.03945	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	986.72M	-53.85	0.00412	-26.02	2.5
2480MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.38739G	-53.04	0.00497	-16.02	25
2480MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48698G	-47.33	0.01849	-16.02	25
2480MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49187G	-43.90	0.04074	-26.02	2.5

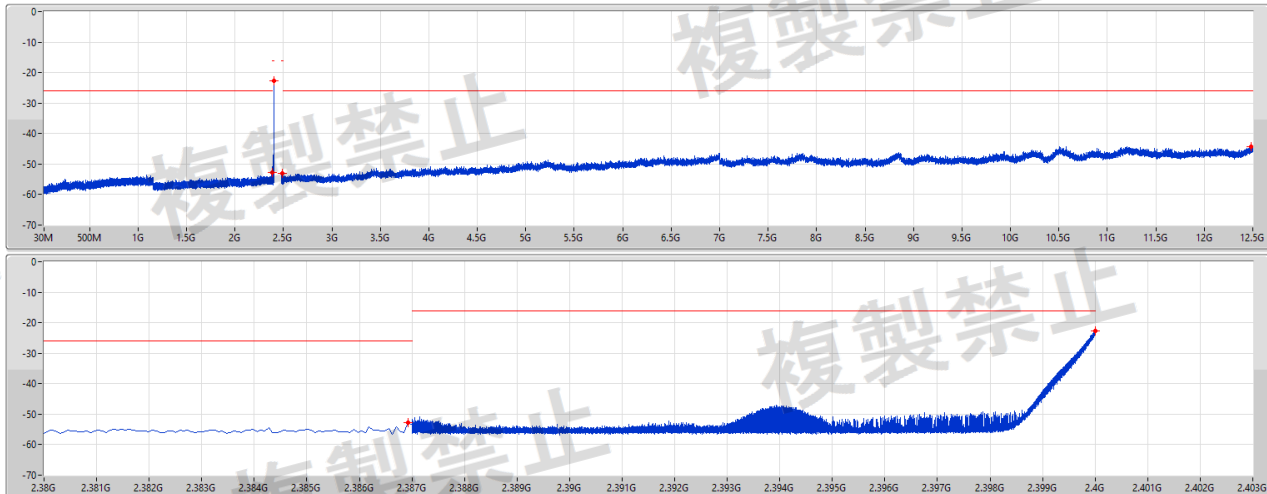


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

04/11/2025



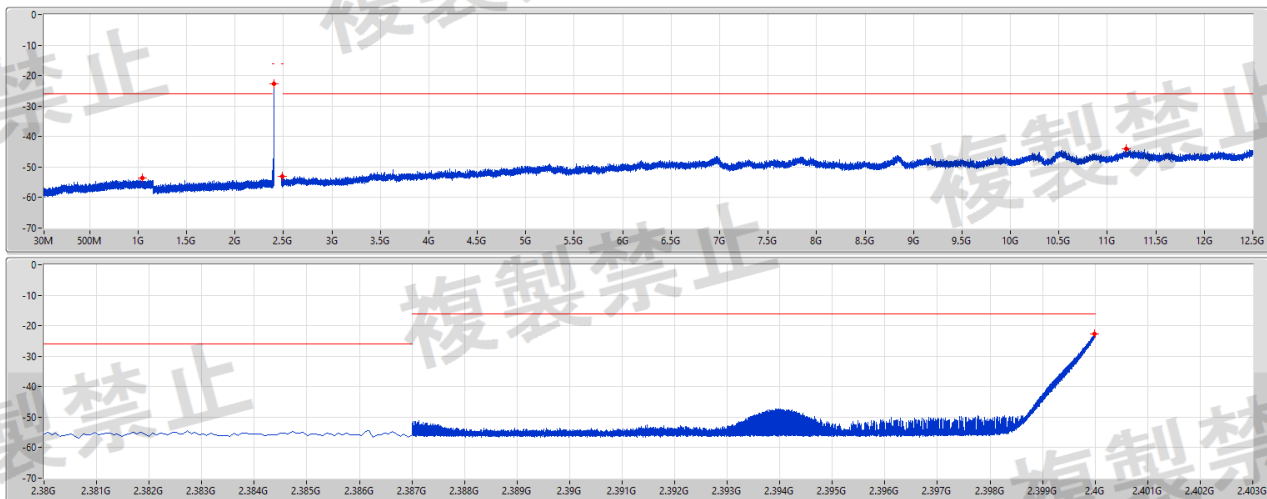
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.38693G	-52.91	-26.02	-26.89	-52.91
2.387G	2.4G	2.4G	-22.78	-16.02	-6.76	-22.78
2.4835G	2.4965G	2.4903G	-52.98	-16.02	-36.96	-52.98
2.4965G	12.5G	12.48281G	-44.29	-26.02	-18.27	-44.29

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	1.04366G	-53.55	-26.02	-27.53	-53.55
2.387G	2.4G	2.39999G	-22.71	-16.02	-6.69	-22.71
2.4835G	2.4965G	2.4846G	-52.99	-16.02	-36.97	-52.99
2.4965G	12.5G	11.19798G	-44.06	-26.02	-18.04	-44.06

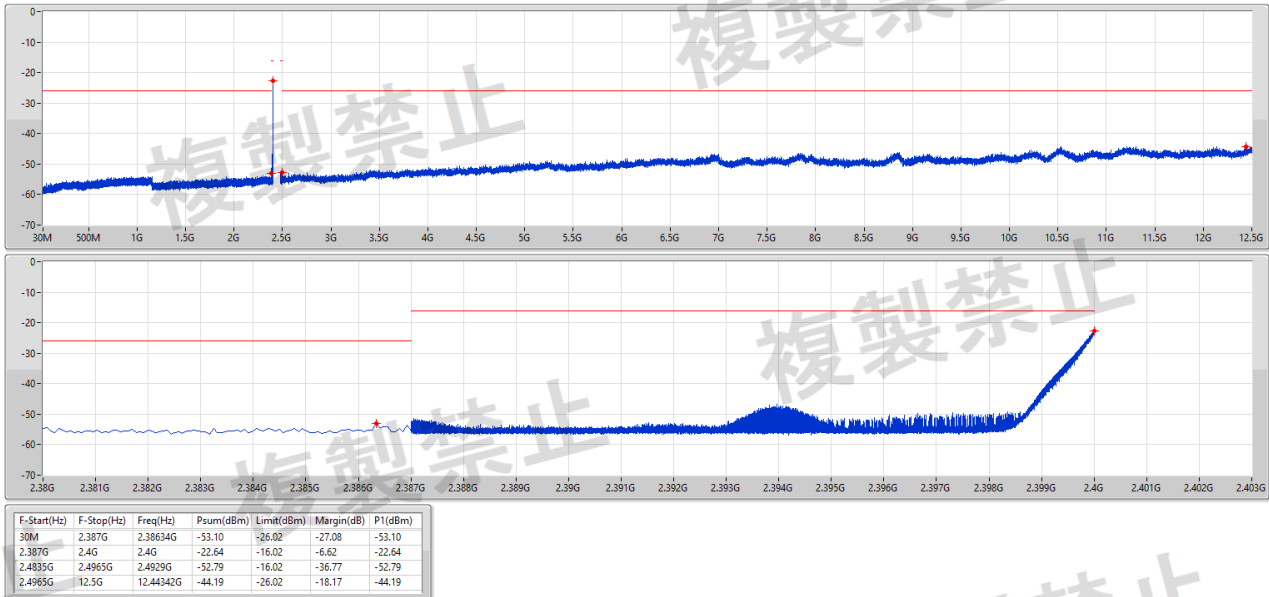


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVmax

04/11/2025

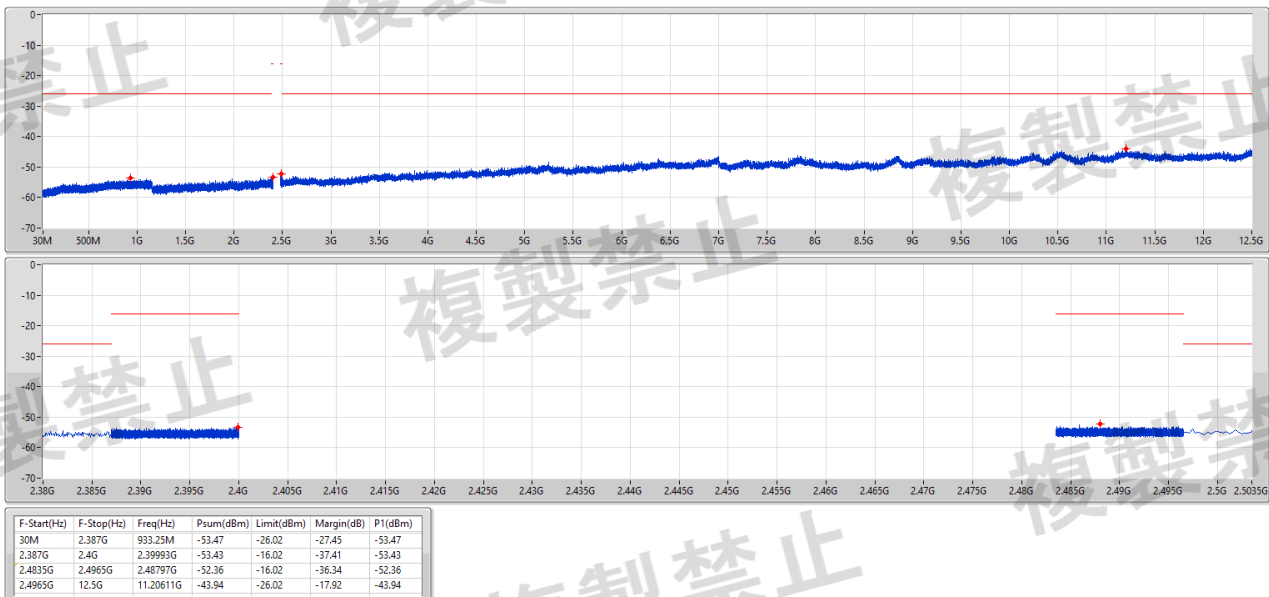


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

04/11/2025



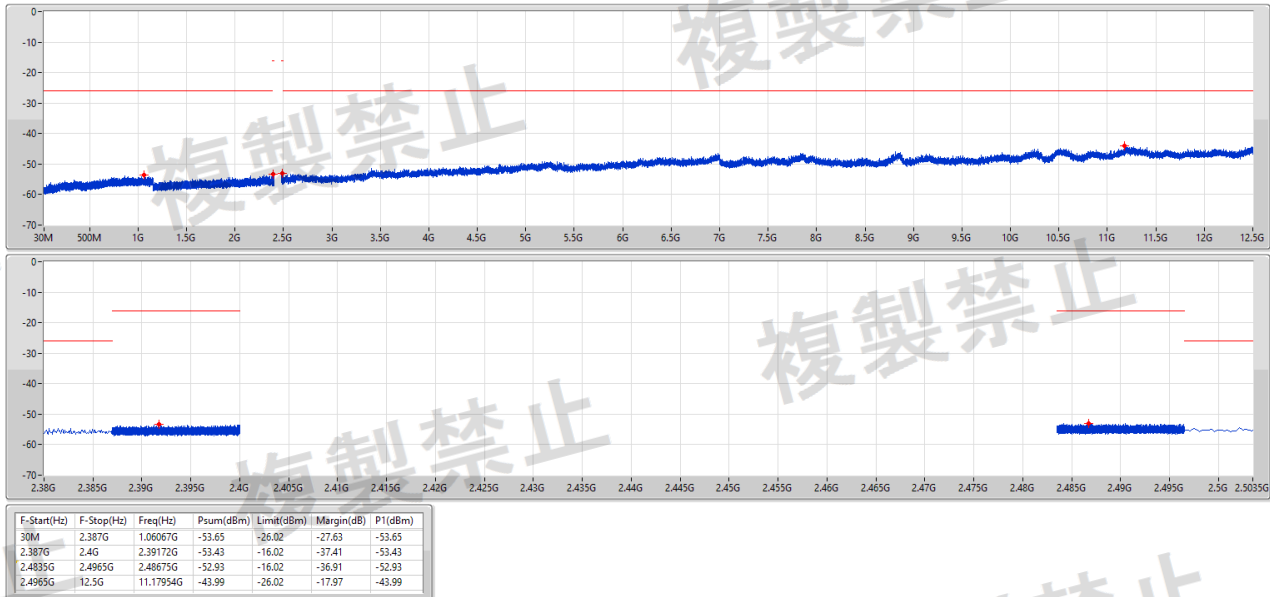


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVmin

04/11/2025

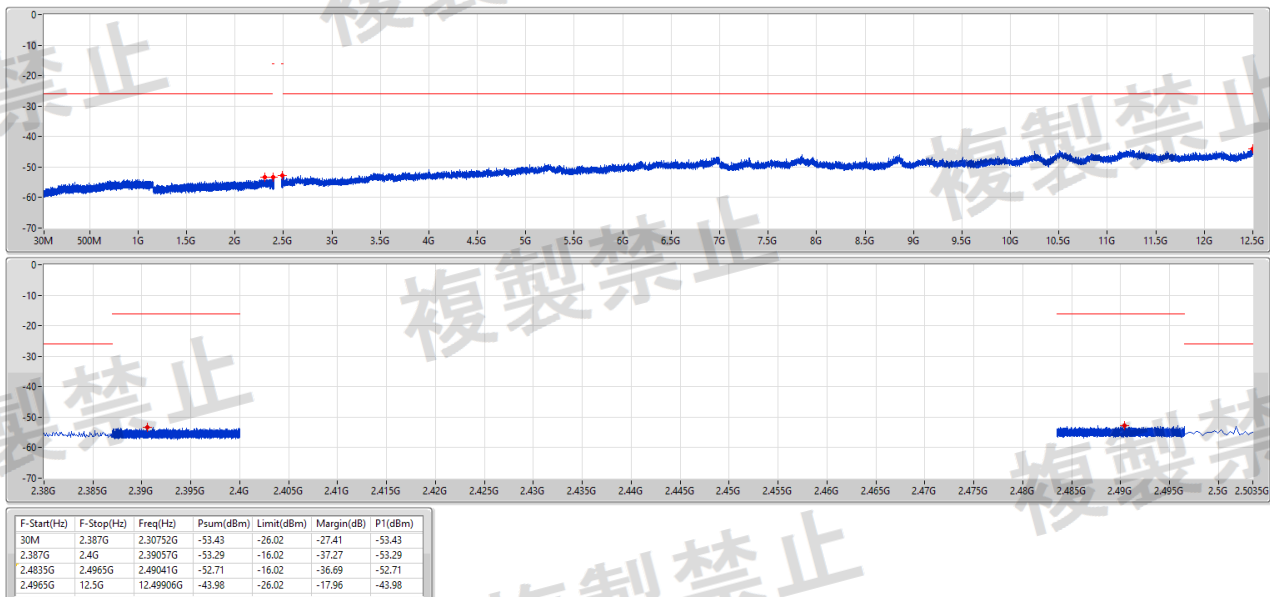


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVmax

04/11/2025



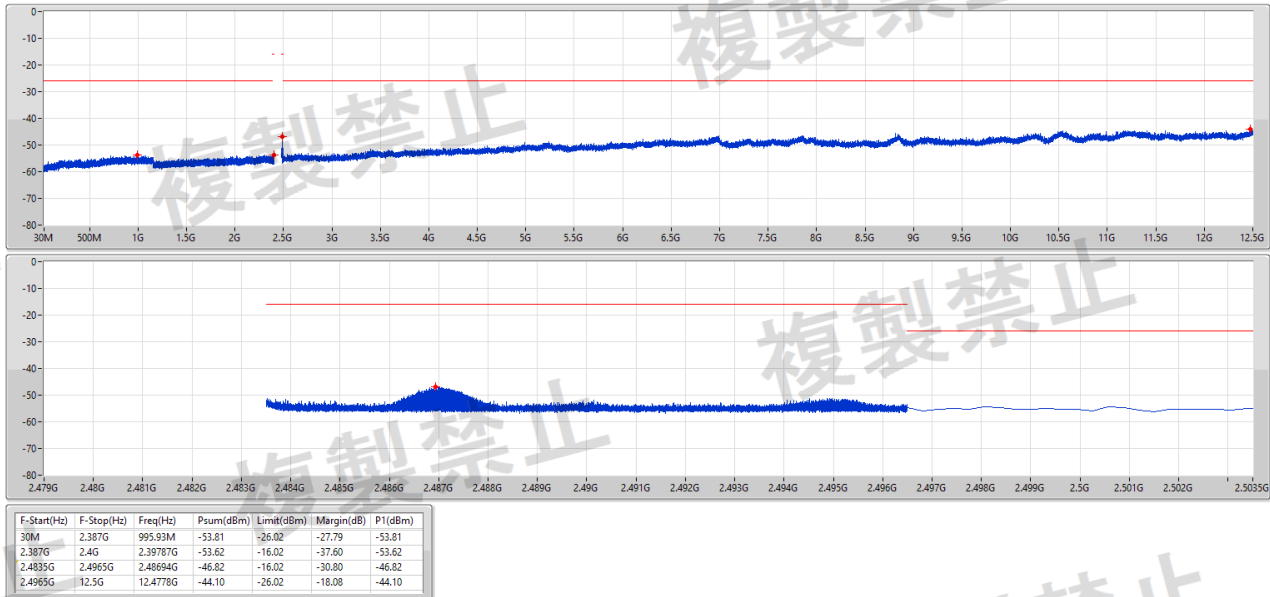


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2480MHz_TnomVnom

04/11/2025

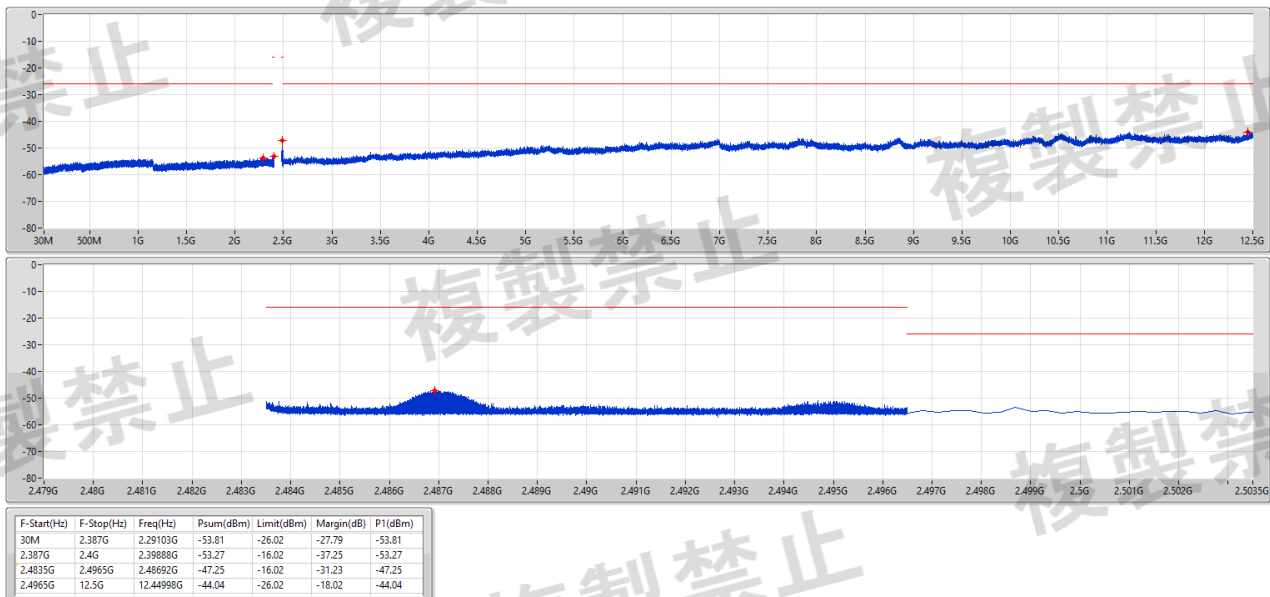


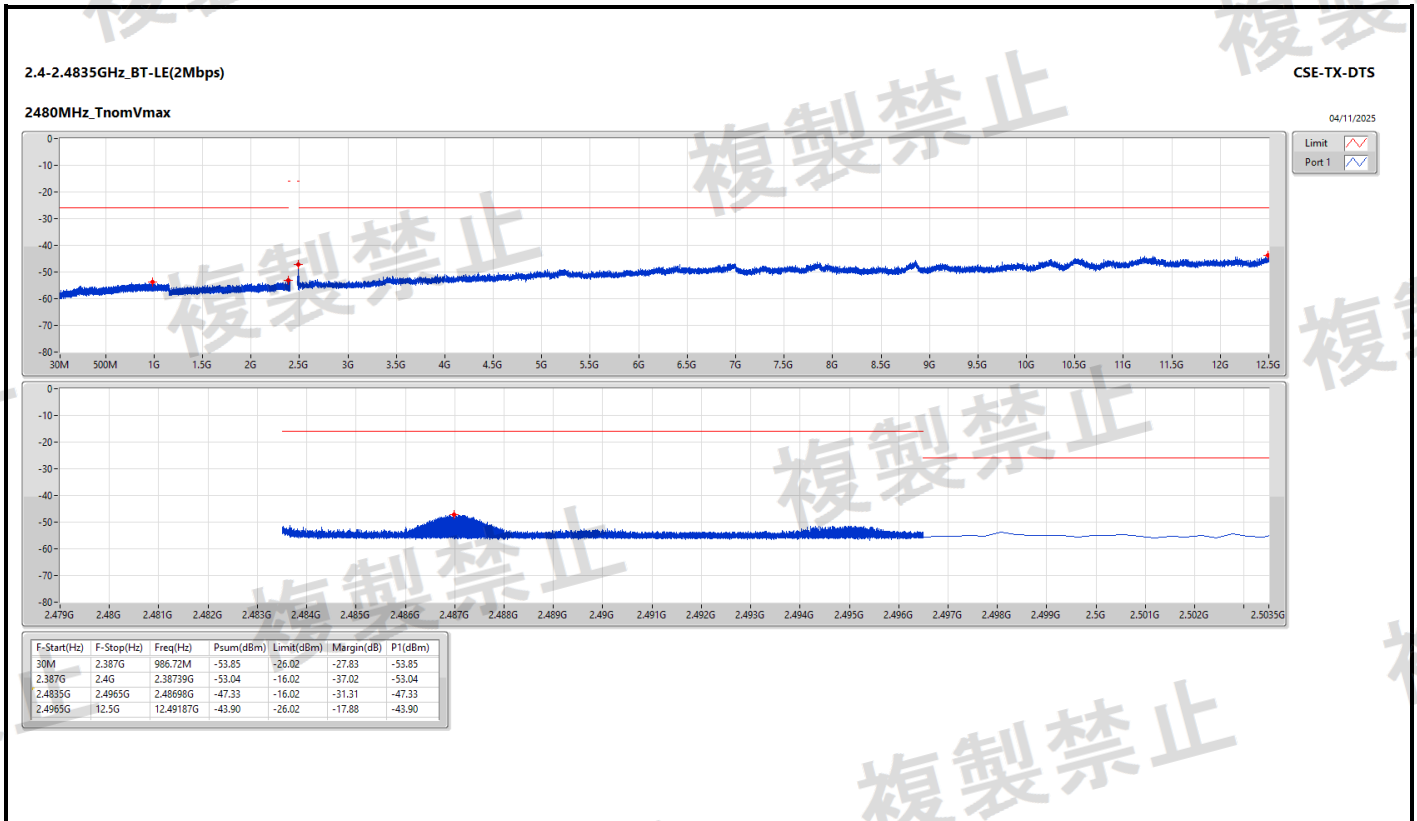
2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2480MHz_TnomVmin

04/11/2025







Configuration 3: Chip 2, model AW300

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	2.4965G	12.5G	1M	11.20861G	-43.80	0.04169	-26.02	2.5



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	2.27504G	-53.93	0.00405	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39999G	-36.42	0.22803	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48692G	-52.90	0.00513	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.20861G	-43.80	0.04169	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	2.37632G	-53.57	0.0044	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.4G	-36.33	0.23281	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.4905G	-52.86	0.00518	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	10.50399G	-44.37	0.03656	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.29206G	-53.63	0.00434	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.4G	-36.43	0.22751	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48549G	-53.22	0.00476	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	11.24456G	-44.55	0.03508	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.28712G	-54.05	0.00394	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39101G	-53.56	0.00441	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49249G	-53.11	0.00489	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.258G	-44.14	0.03855	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	888.17M	-53.90	0.00407	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39827G	-53.58	0.00439	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.49642G	-53.03	0.00498	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.45405G	-43.95	0.04027	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	2.30996G	-54.01	0.00397	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39991G	-53.33	0.00465	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.49439G	-52.69	0.00538	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49031G	-44.20	0.03802	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.31968G	-53.66	0.00431	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39845G	-53.47	0.0045	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48682G	-47.43	0.01807	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.5G	-43.92	0.04055	-26.02	2.5
2480MHz_TnomVmin	Pass	30M	2.387G	1M	2.31143G	-54.03	0.00395	-26.02	2.5
2480MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39579G	-53.00	0.00501	-16.02	25
2480MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48697G	-47.46	0.01795	-16.02	25
2480MHz_TnomVmin	Pass	2.4965G	12.5G	1M	11.19548G	-44.62	0.03451	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	2.31187G	-53.83	0.00414	-26.02	2.5
2480MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.38811G	-53.56	0.00441	-16.02	25
2480MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48711G	-47.37	0.01832	-16.02	25
2480MHz_TnomVmax	Pass	2.4965G	12.5G	1M	11.27332G	-44.43	0.03606	-26.02	2.5

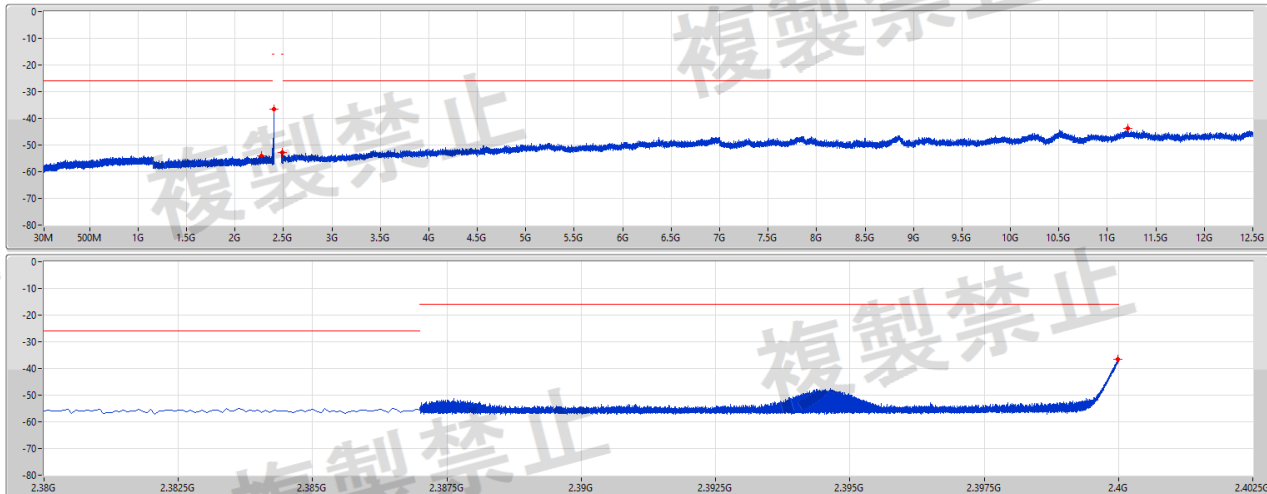


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

05/11/2025



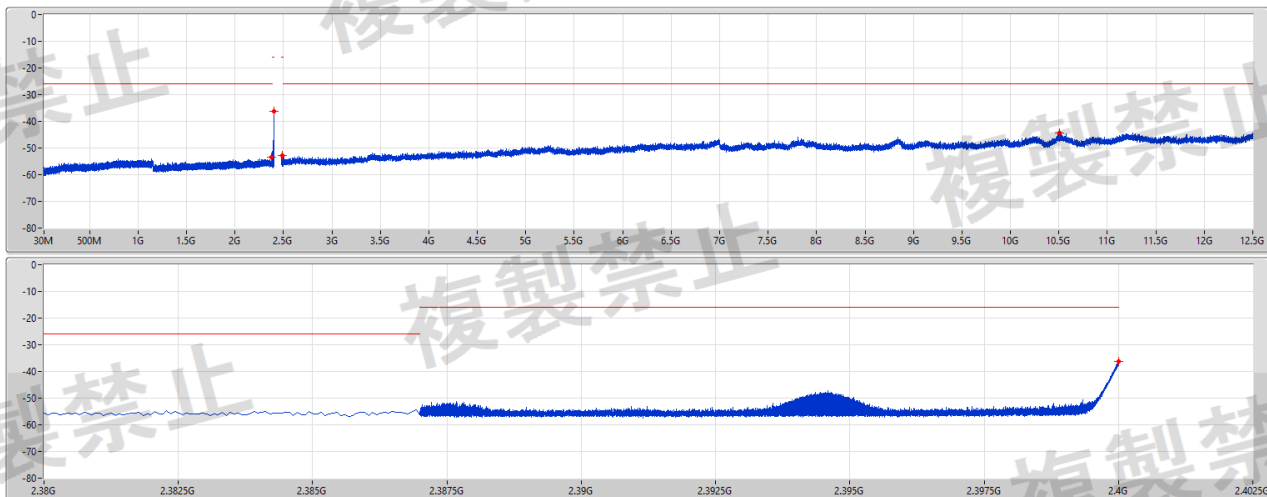
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.27504G	-53.93	-26.02	-27.91	-53.93
2.387G	2.4G	2.39999G	-36.42	-16.02	-20.40	-36.42
2.4835G	2.4965G	2.48692G	-52.90	-16.02	-36.88	-52.90
2.4965G	12.5G	11.20861G	-43.80	-26.02	-17.78	-43.80

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmin

05/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.37632G	-53.57	-26.02	-27.55	-53.57
2.387G	2.4G	2.4G	-36.33	-16.02	-20.31	-36.33
2.4835G	2.4965G	2.4905G	-52.86	-16.02	-36.84	-52.86
2.4965G	12.5G	10.30399G	-44.37	-26.02	-18.35	-44.37

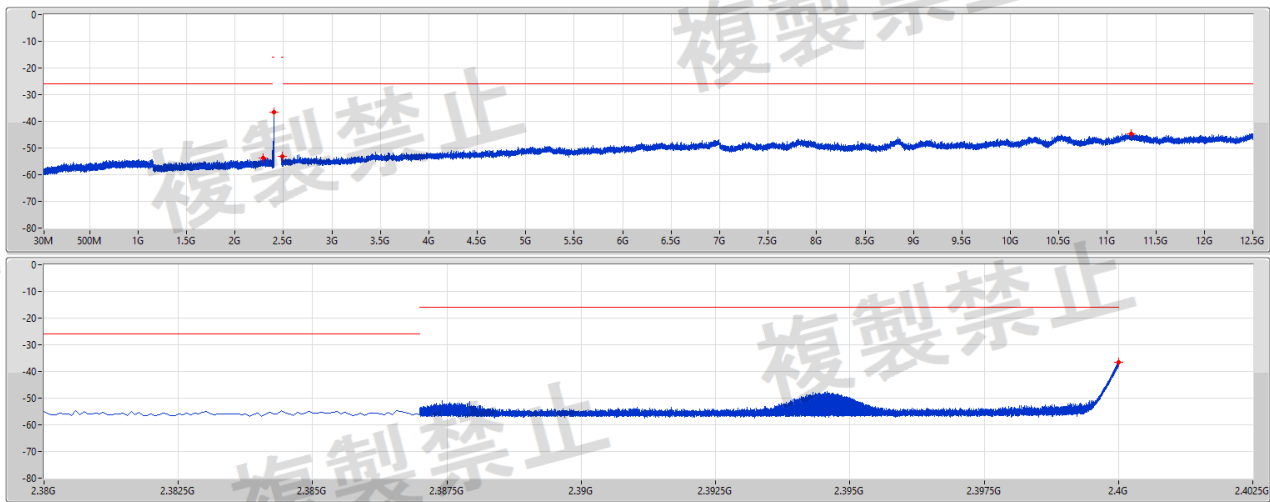


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2402MHz_TnomVmax

05/11/2025



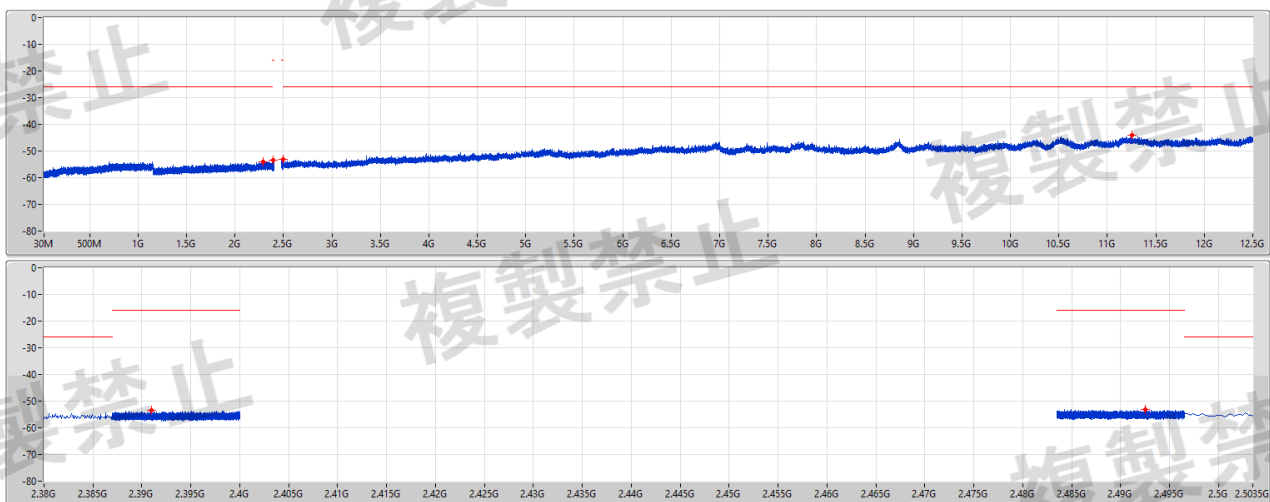
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.29206G	-53.63	-26.02	-27.61	-53.63
2.387G	2.4G	2.4G	-36.43	-16.02	-20.41	-36.43
2.4835G	2.4965G	2.48549G	-53.22	-16.02	-37.20	-53.22
2.4965G	12.5G	11.24456G	-44.55	-26.02	-18.53	-44.55

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

05/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.28712G	-54.05	-26.02	-28.03	-54.05
2.387G	2.4G	2.39101G	-53.56	-16.02	-37.54	-53.56
2.4835G	2.4965G	2.48249G	-53.11	-16.02	-37.09	-53.11
2.4965G	12.5G	11.258G	-44.14	-26.02	-18.12	-44.14

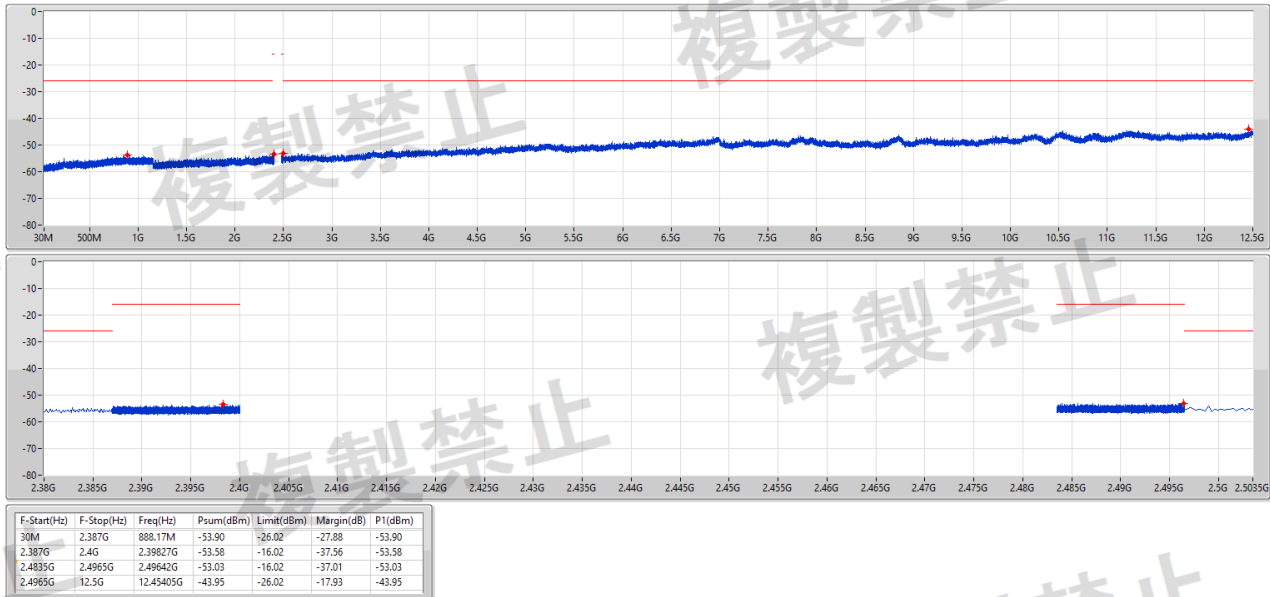


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmin

05/11/2025

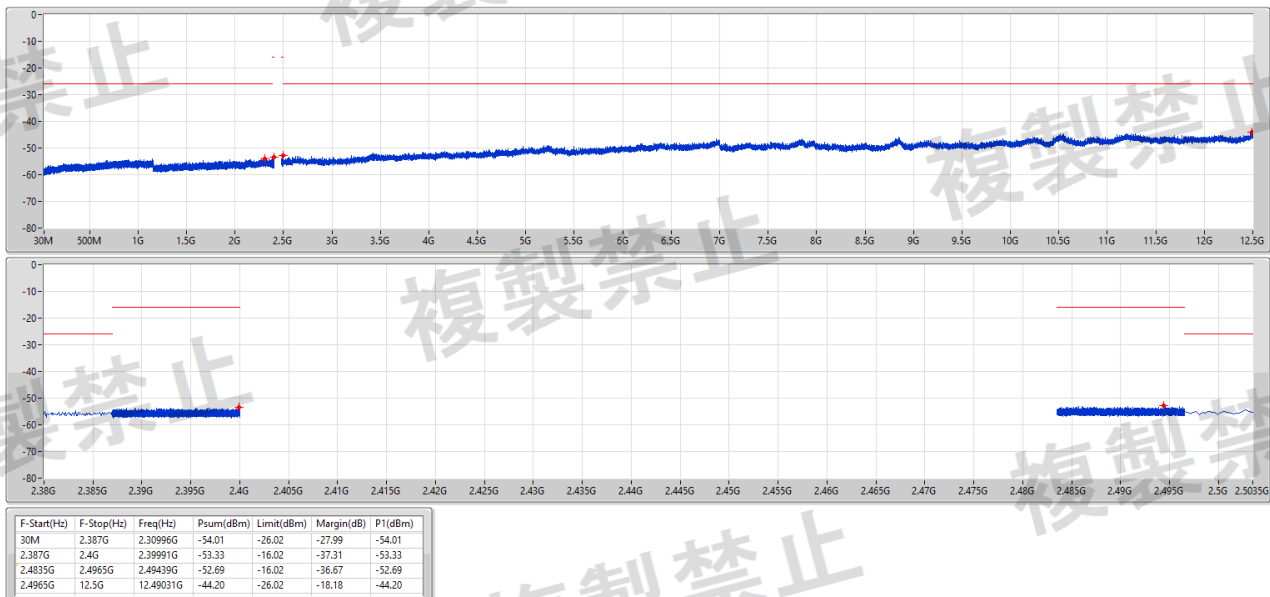


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2440MHz_TnomVmax

05/11/2025



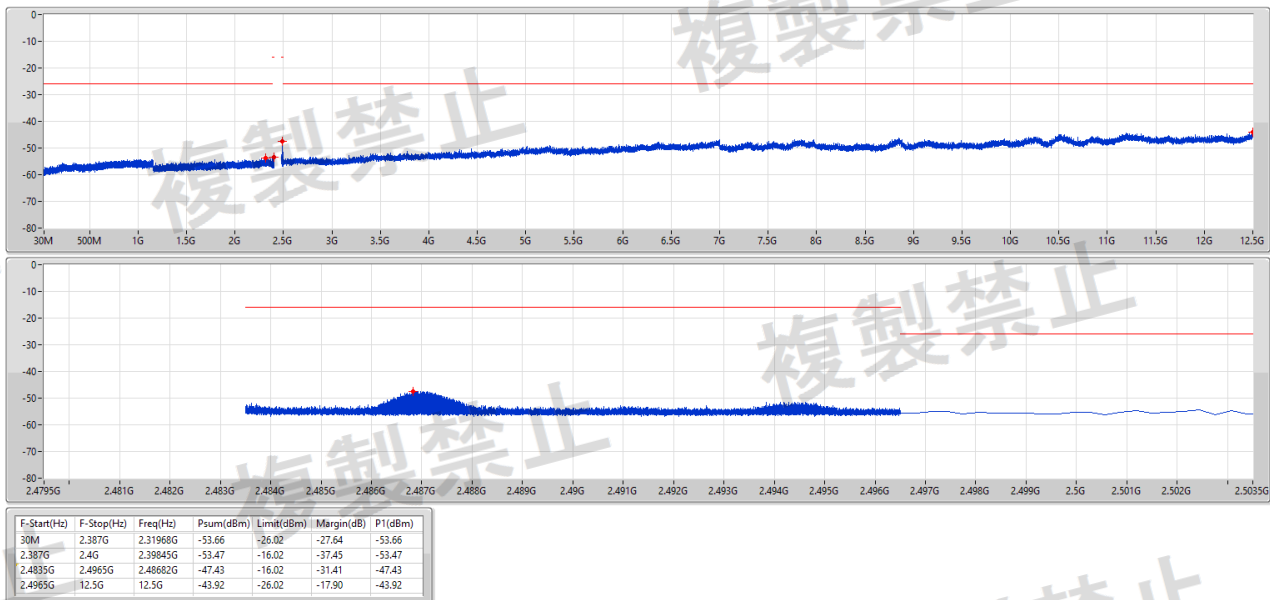


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVnom

05/11/2025

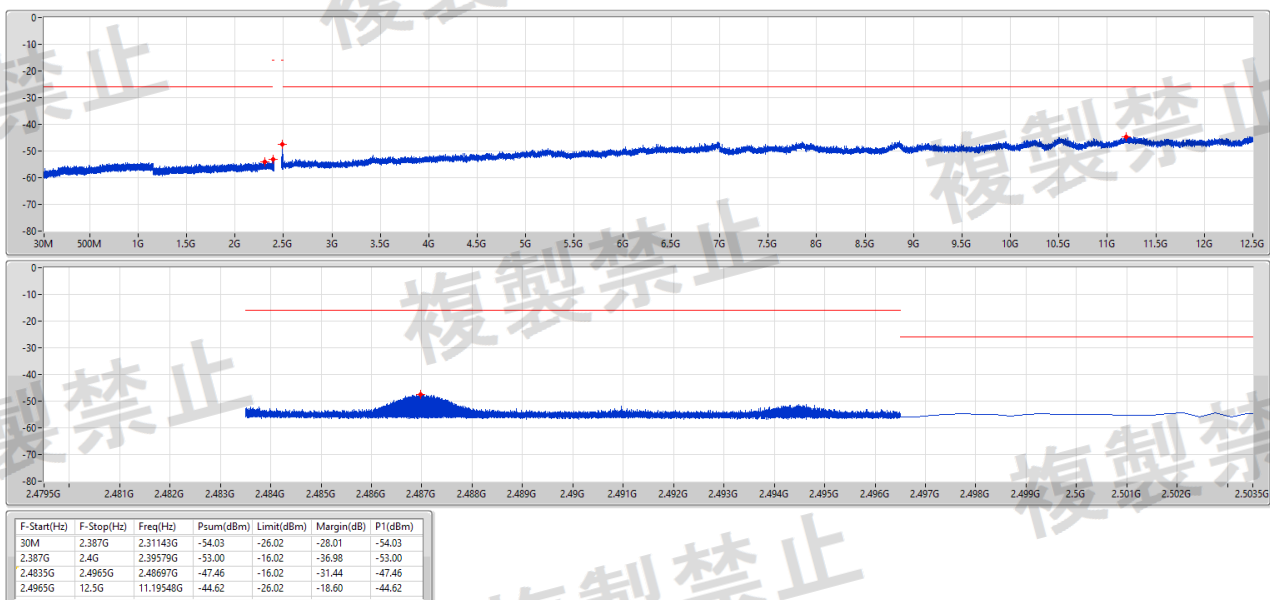


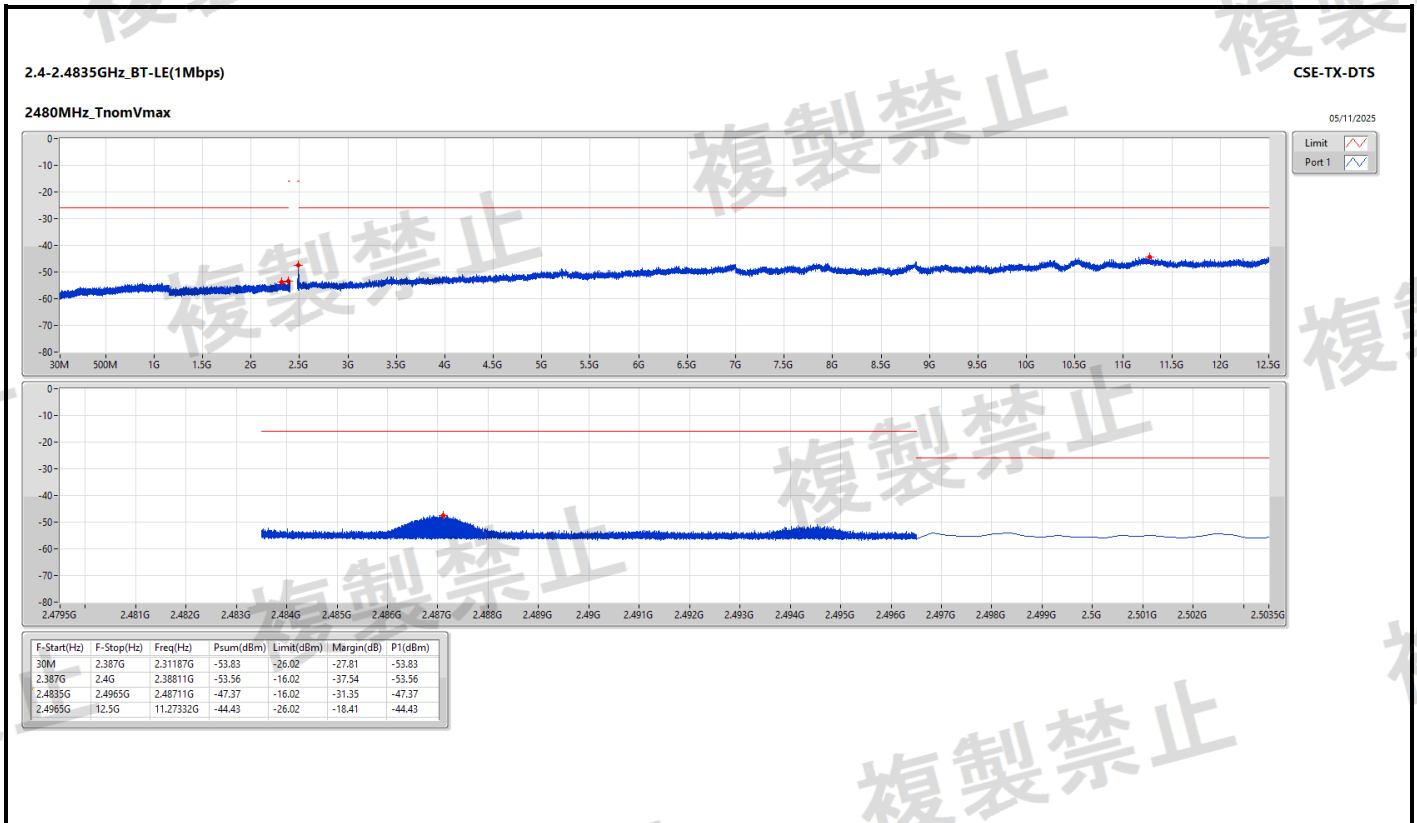
2.4-2.4835GHz_BT-LE(1Mbps)

CSE-TX-DTS

2480MHz_TnomVmin

05/11/2025







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(2Mbps)	Pass	2.387G	2.4G	1M	2.39999G	-23.93	4.04576	-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(2Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2.31828G	-53.83	0.00414	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39999G	-23.96	4.01791	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48954G	-52.88	0.00515	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.20986G	-44.43	0.03606	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	2.30613G	-53.42	0.00455	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39999G	-24.01	3.97192	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.49595G	-52.99	0.00502	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.5G	-44.22	0.03784	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.32277G	-53.90	0.00407	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39999G	-23.93	4.04576	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48533G	-52.95	0.00507	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	11.28989G	-44.57	0.03491	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.26915G	-54.08	0.00391	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39845G	-53.08	0.00492	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48932G	-53.08	0.00492	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	11.30927G	-43.88	0.04093	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	962.12M	-53.93	0.00405	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.399G	-53.72	0.00425	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48649G	-53.03	0.00498	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.48906G	-44.48	0.03565	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	2.33073G	-53.71	0.00426	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39997G	-53.22	0.00476	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.49405G	-53.05	0.00495	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	11.23456G	-44.57	0.03491	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	883.31M	-53.86	0.00411	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.38972G	-53.31	0.00467	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48673G	-47.57	0.0175	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.5G	-44.29	0.03724	-26.02	2.5
2480MHz_TnomVmin	Pass	30M	2.387G	1M	2.30738G	-53.99	0.00399	-26.02	2.5
2480MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39908G	-53.56	0.00441	-16.02	25
2480MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48671G	-47.42	0.01811	-16.02	25
2480MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.49781G	-44.16	0.03837	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	2.32653G	-53.84	0.00413	-26.02	2.5
2480MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39912G	-53.80	0.00417	-16.02	25
2480MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48677G	-47.43	0.01807	-16.02	25
2480MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.46905G	-44.22	0.03784	-26.02	2.5

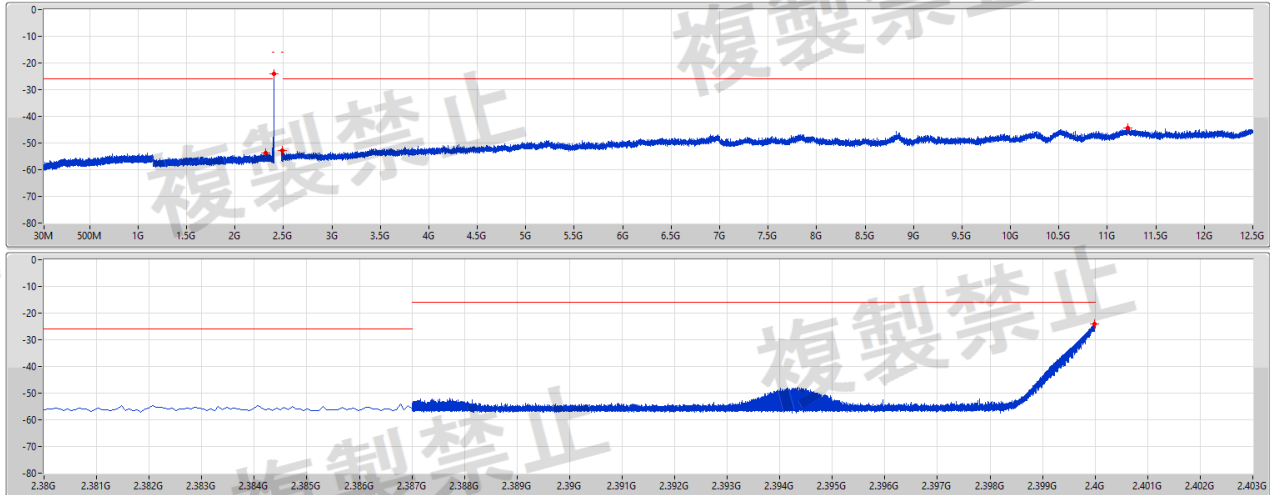


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVnom

05/11/2025



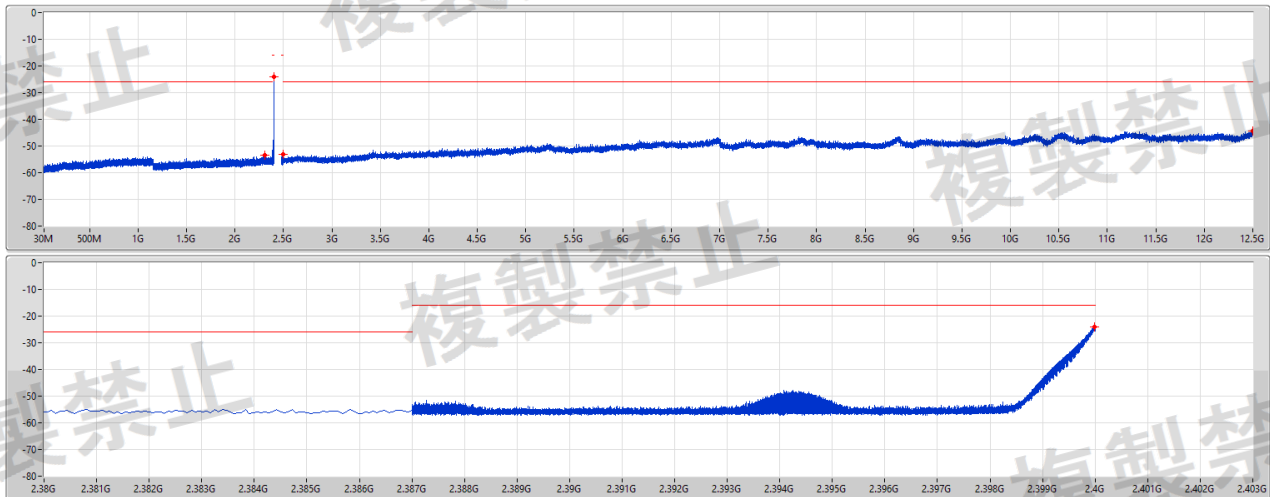
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.31828G	-53.83	-26.02	-27.81	-53.83
2.387G	2.4G	2.39999G	-23.96	-16.02	-7.94	-23.96
2.4835G	2.4965G	2.48954G	-52.88	-16.02	-36.86	-52.88
2.4965G	12.5G	11.20986G	-44.43	-26.02	-18.41	-44.43

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVmin

05/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.30613G	-53.42	-26.02	-27.40	-53.42
2.387G	2.4G	2.39999G	-24.01	-16.02	-7.99	-24.01
2.4835G	2.4965G	2.48959G	-52.99	-16.02	-36.97	-52.99
2.4965G	12.5G	12.5G	-44.22	-26.02	-18.20	-44.22

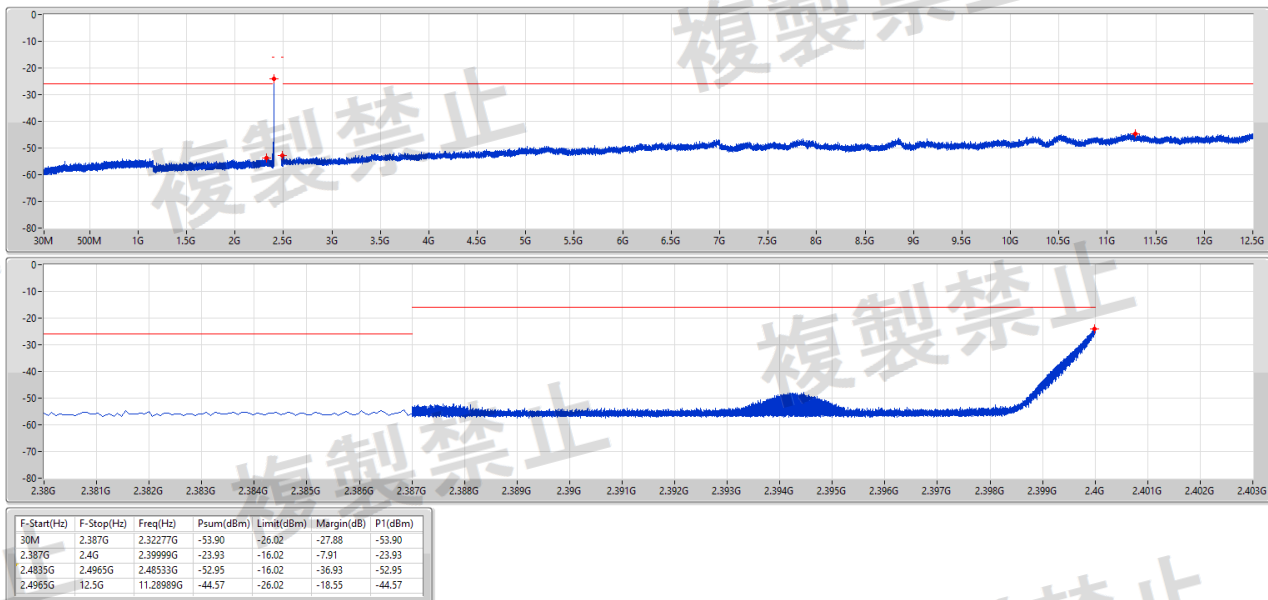


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2402MHz_TnomVmax

05/11/2025

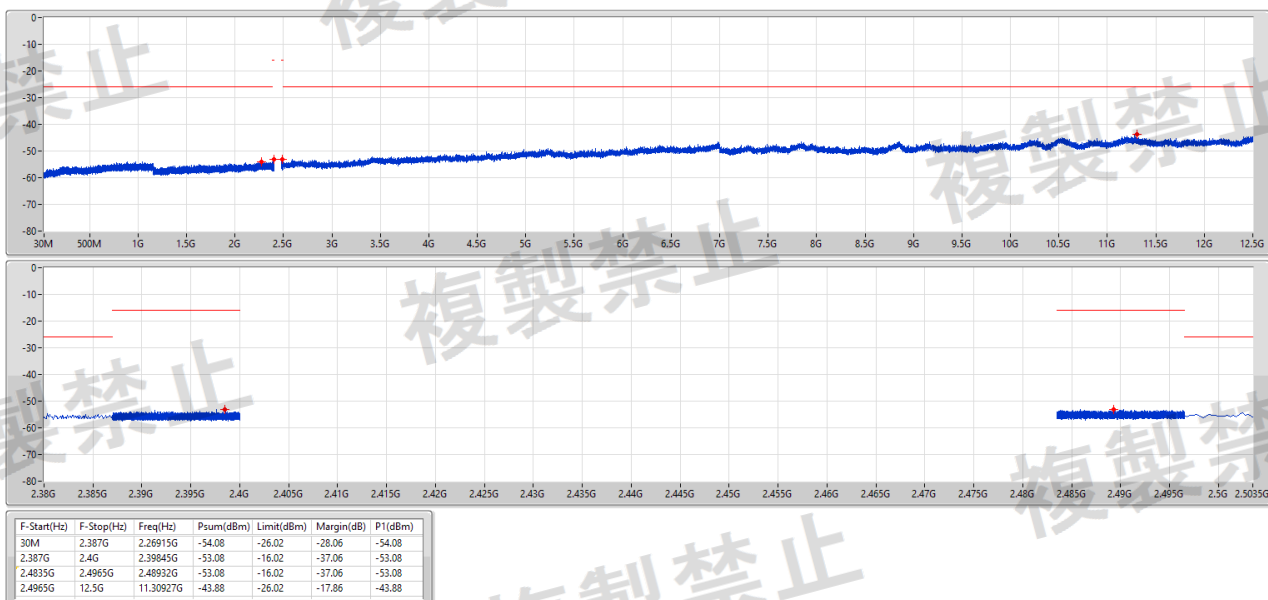


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVnom

05/11/2025



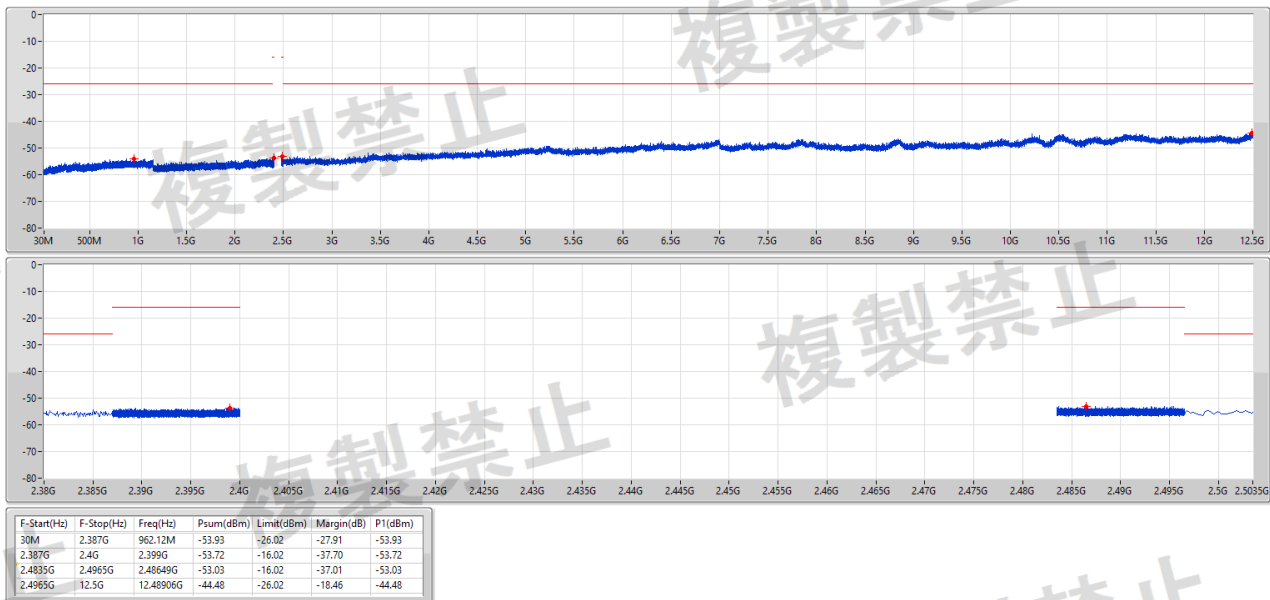


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVmin

05/11/2025

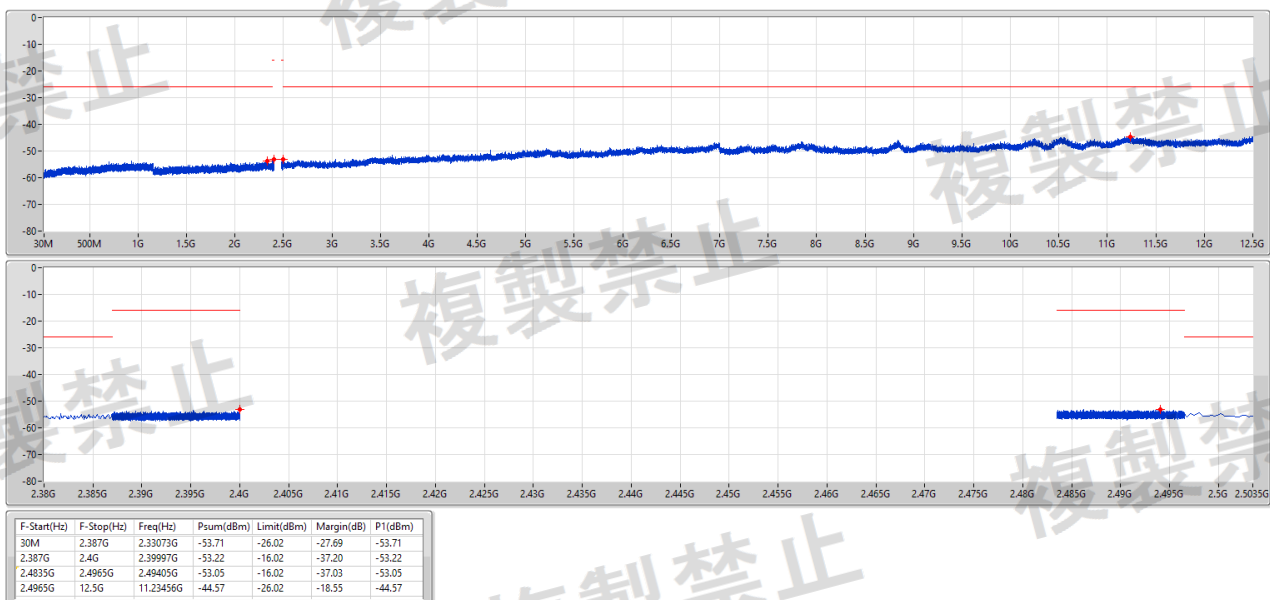


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2440MHz_TnomVmax

05/11/2025



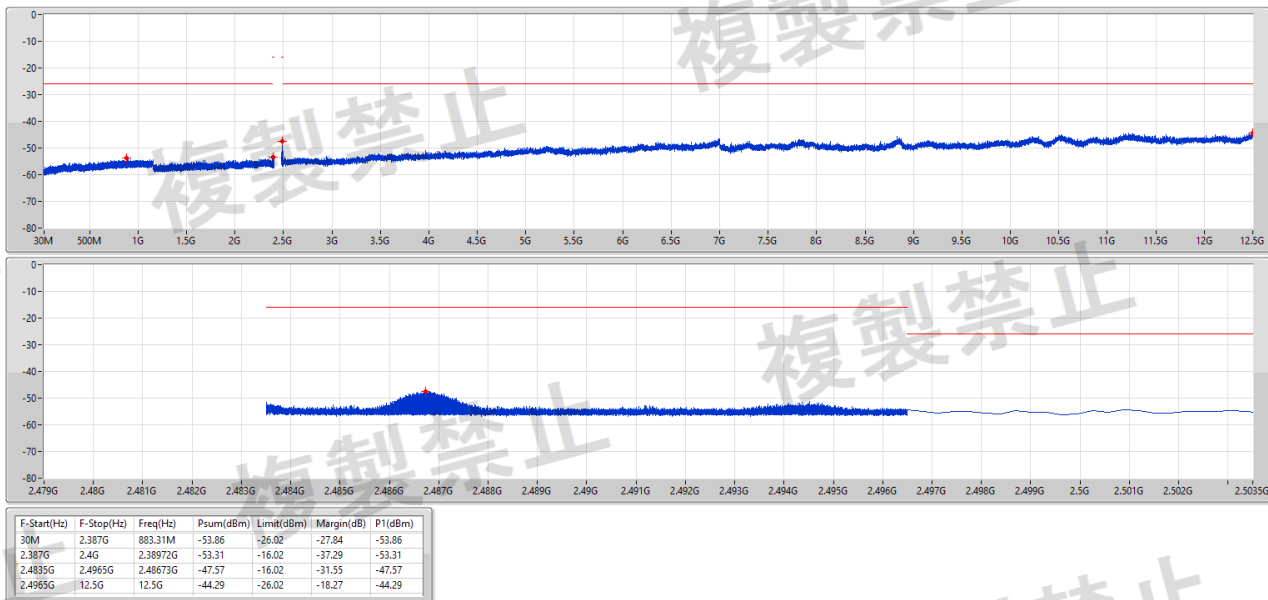


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2480MHz_TnomVnom

05/11/2025

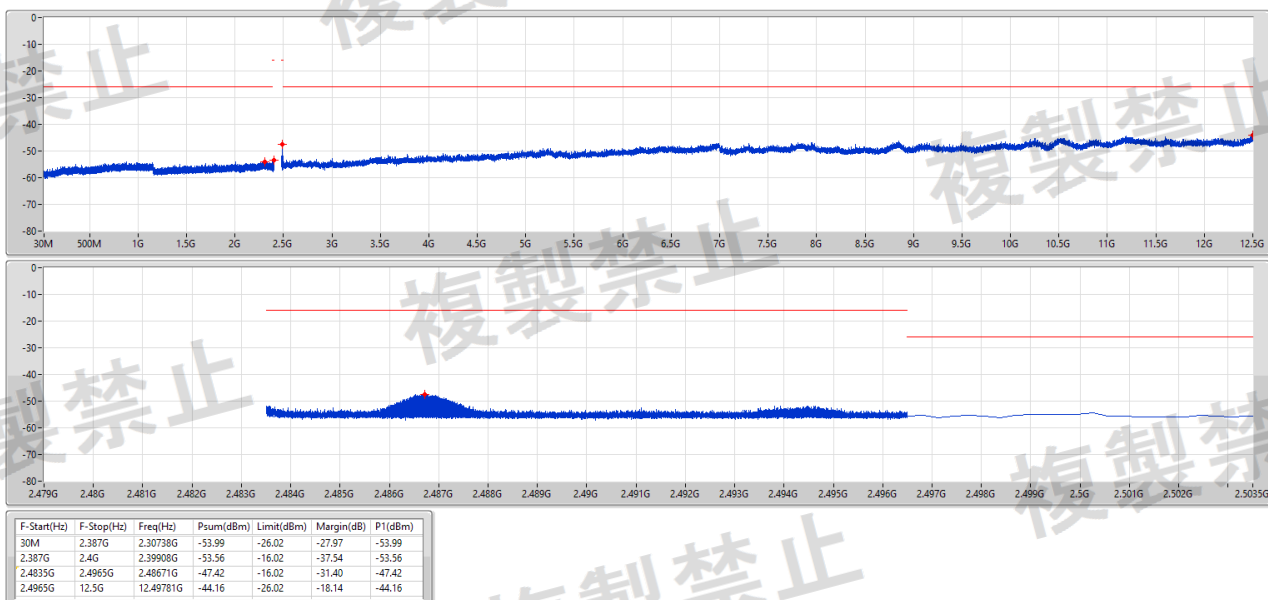


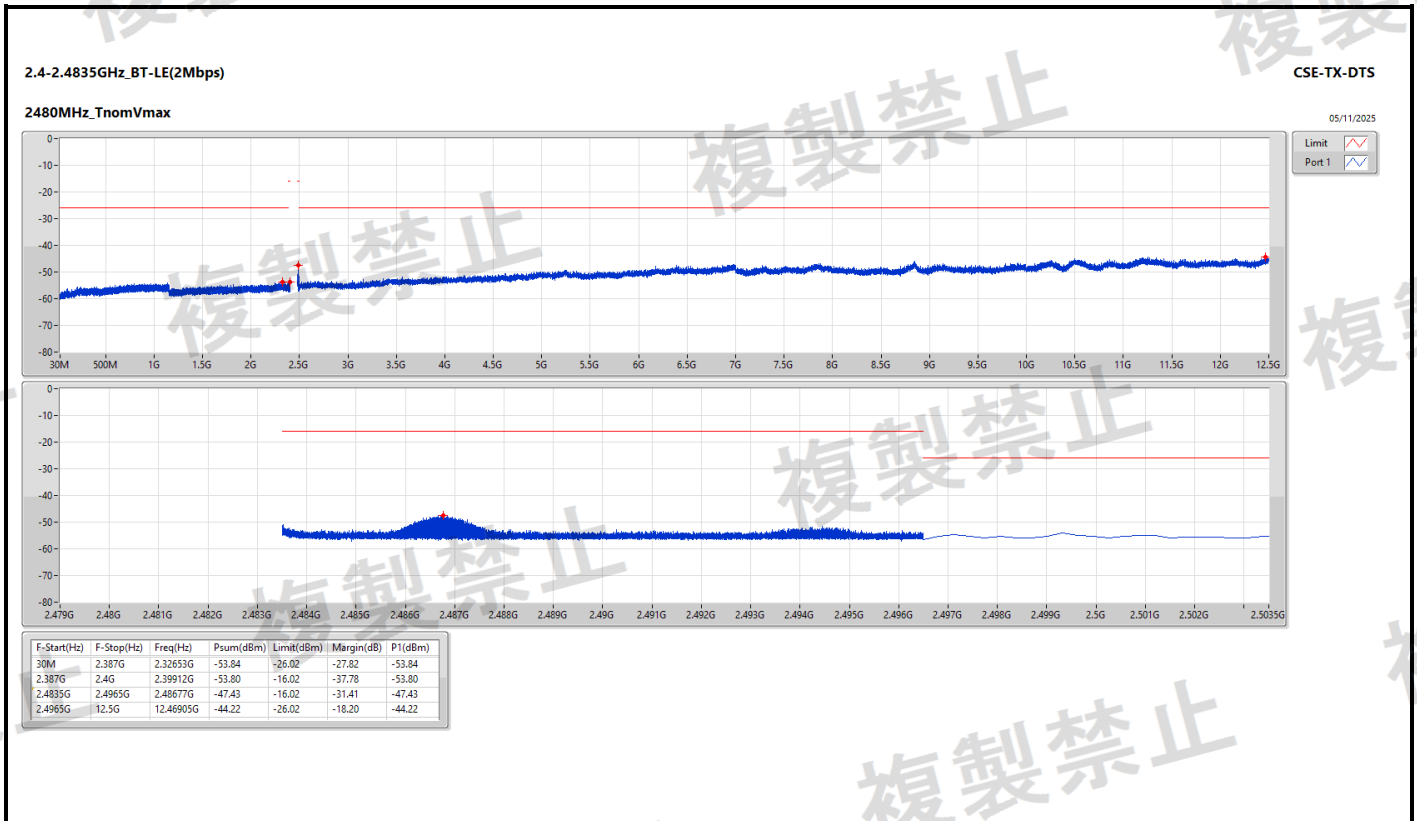
2.4-2.4835GHz_BT-LE(2Mbps)

CSE-TX-DTS

2480MHz_TnomVmin

05/11/2025







Configuration 1: Combo chip, model AW611

Summary

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	Pass	38:F9:F5:E8:99:F6	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2402MHz_TnomVmin	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2402MHz_TnomVmax	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2440MHz_TnomVnom	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2440MHz_TnomVmin	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2440MHz_TnomVmax	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2480MHz_TnomVnom	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2480MHz_TnomVmin	Pass	38:F9:F5:E8:99:F6	48 bits	Good
2480MHz_TnomVmax	Pass	38:F9:F5:E8:99:F6	48 bits	Good

**Configuration 2: Chip 1, model AW300****Summary**

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	Pass	38:F9:F5:E8:99:F7	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2402MHz_TnomVmin	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2402MHz_TnomVmax	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2440MHz_TnomVnom	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2440MHz_TnomVmin	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2440MHz_TnomVmax	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2480MHz_TnomVnom	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2480MHz_TnomVmin	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2480MHz_TnomVmax	Pass	38:F9:F5:E8:99:F7	48 bits	Good



Summary

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(2Mbps)	Pass	38:F9:F5:E8:99:F7	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2402MHz_TnomVmin	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2402MHz_TnomVmax	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2440MHz_TnomVnom	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2440MHz_TnomVmin	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2440MHz_TnomVmax	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2480MHz_TnomVnom	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2480MHz_TnomVmin	Pass	38:F9:F5:E8:99:F7	48 bits	Good
2480MHz_TnomVmax	Pass	38:F9:F5:E8:99:F7	48 bits	Good

**Configuration 3: Chip 2, model AW300****Summary**

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(1Mbps)	Pass	38:F9:F5:E8:99:F8	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(1Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2402MHz_TnomVmin	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2402MHz_TnomVmax	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2440MHz_TnomVnom	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2440MHz_TnomVmin	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2440MHz_TnomVmax	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2480MHz_TnomVnom	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2480MHz_TnomVmin	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2480MHz_TnomVmax	Pass	38:F9:F5:E8:99:F8	48 bits	Good



Summary

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
BT-LE(2Mbps)	Pass	38:F9:F5:E8:99:F8	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
BT-LE(2Mbps)	-	-	-	-
2402MHz_TnomVnom	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2402MHz_TnomVmin	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2402MHz_TnomVmax	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2440MHz_TnomVnom	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2440MHz_TnomVmin	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2440MHz_TnomVmax	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2480MHz_TnomVnom	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2480MHz_TnomVmin	Pass	38:F9:F5:E8:99:F8	48 bits	Good
2480MHz_TnomVmax	Pass	38:F9:F5:E8:99:F8	48 bits	Good



Configuration 1: Combo chip, model AW611

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	1G	12.5G	1M	12.48778G	-73.30	0.04677	-46.99	20

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	936.04M	-90.16	0.00096	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	12.49533G	-74.95	0.03199	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	839.74M	-89.24	0.00119	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	11.20769G	-74.71	0.03381	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	1G	-89.27	0.00118	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	12.48742G	-74.36	0.03664	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	807.73M	-89.70	0.00107	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	11.212G	-74.99	0.0317	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	973.02M	-89.30	0.00117	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	10.5317G	-74.81	0.03304	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	1G	-88.62	0.00137	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	11.21236G	-74.58	0.03483	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	767.96M	-89.62	0.00109	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	12.454G	-74.38	0.03648	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	764.05M	-88.94	0.00128	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	12.44789G	-74.50	0.03548	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	961.17M	-89.58	0.0011	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	12.48778G	-73.30	0.04677	-46.99	20

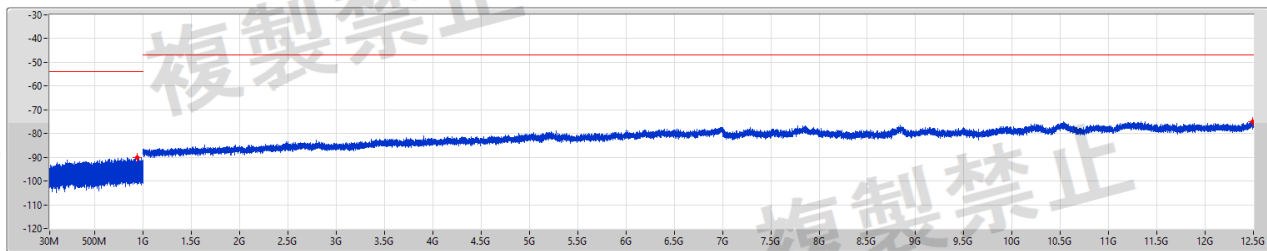


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVnom

13/11/2025



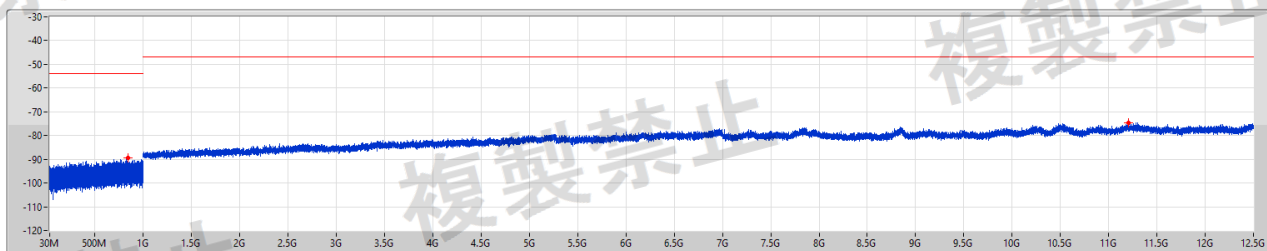
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	936.04M	-90.16	-53.98	-36.18	-90.16
1G	12.5G	12.49533G	-74.95	-46.99	-27.96	-74.95

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmin

13/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	839.74M	-89.24	-53.98	-35.26	-89.24
1G	12.5G	11.20769G	-74.71	-46.99	-27.72	-74.71

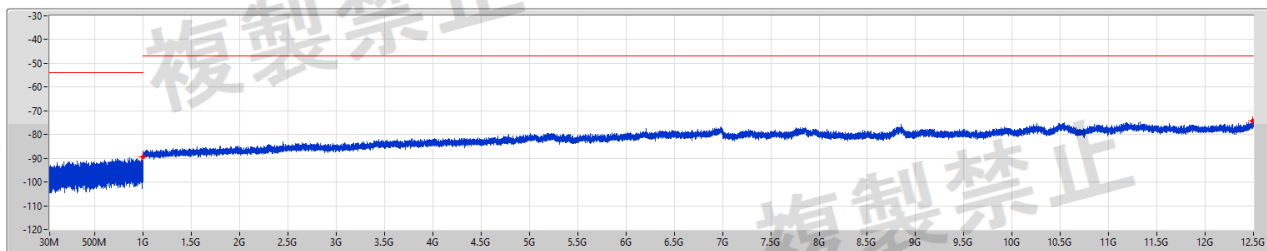


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmax

13/11/2025



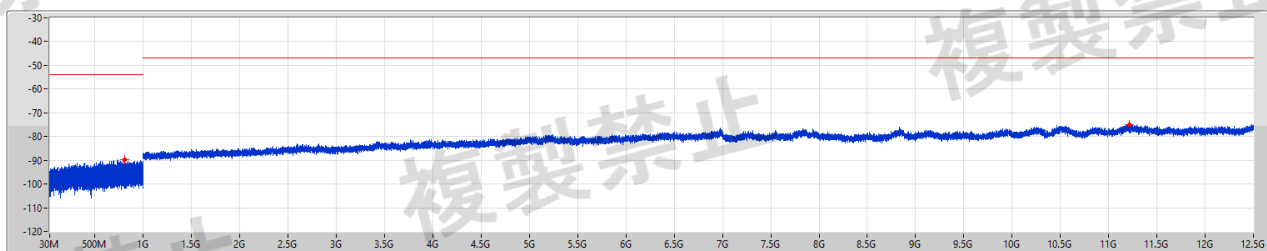
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	1G	-89.27	-53.98	-35.29	-89.27
1G	12.5G	12.48742G	-74.36	-46.99	-27.37	-74.36

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVnom

13/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	807.73M	-89.70	-53.98	-35.72	-89.70
1G	12.5G	11.212G	-74.99	-46.99	-28.00	-74.99

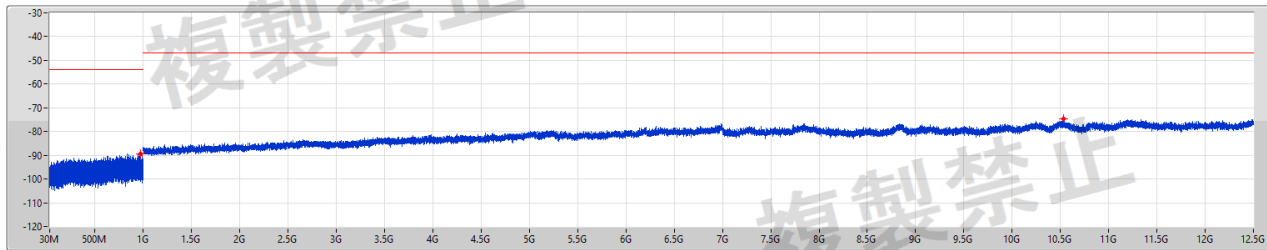


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmin

13/11/2025



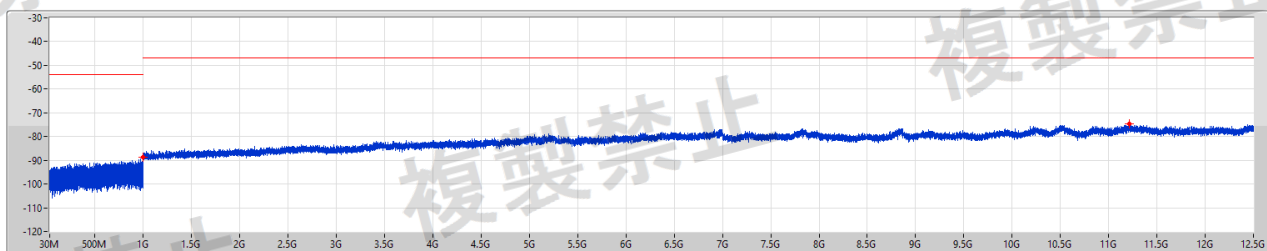
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	973.02M	-89.30	-53.98	-35.32	-89.30
1G	12.5G	10.5317G	-74.81	-46.99	-27.82	-74.81

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmax

13/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	1G	-88.62	-53.98	-34.64	-88.62
1G	12.5G	11.21236G	-74.58	-46.99	-27.59	-74.58

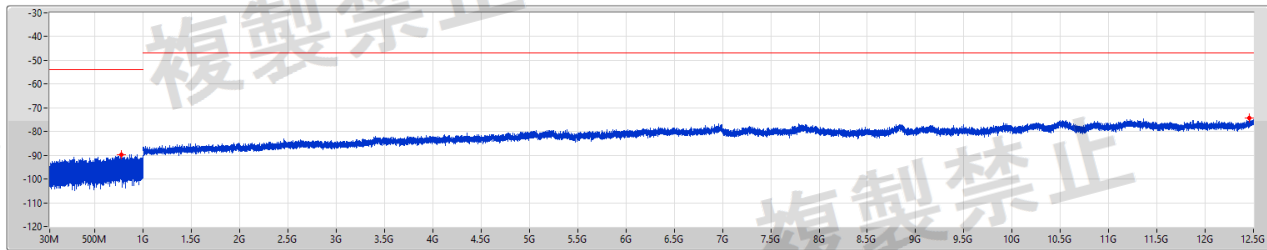


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2480MHz_TnomVnom

13/11/2025



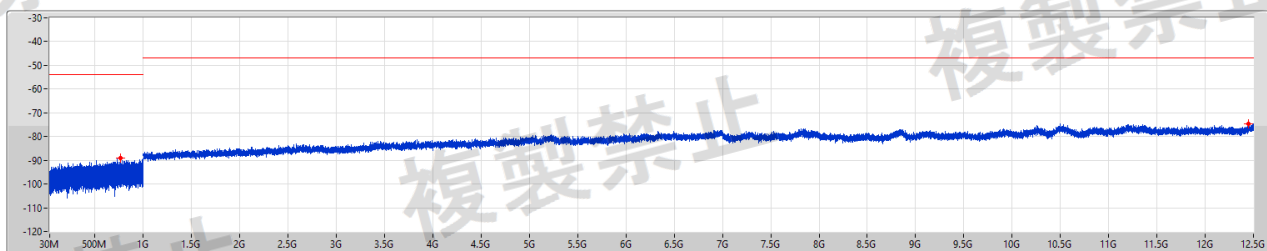
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	767.96M	-89.62	-53.98	-35.64	-89.62
1G	12.5G	12.454G	-74.38	-46.99	-27.39	-74.38

2.4-2.4835GHz_BT-LE(1Mbps)

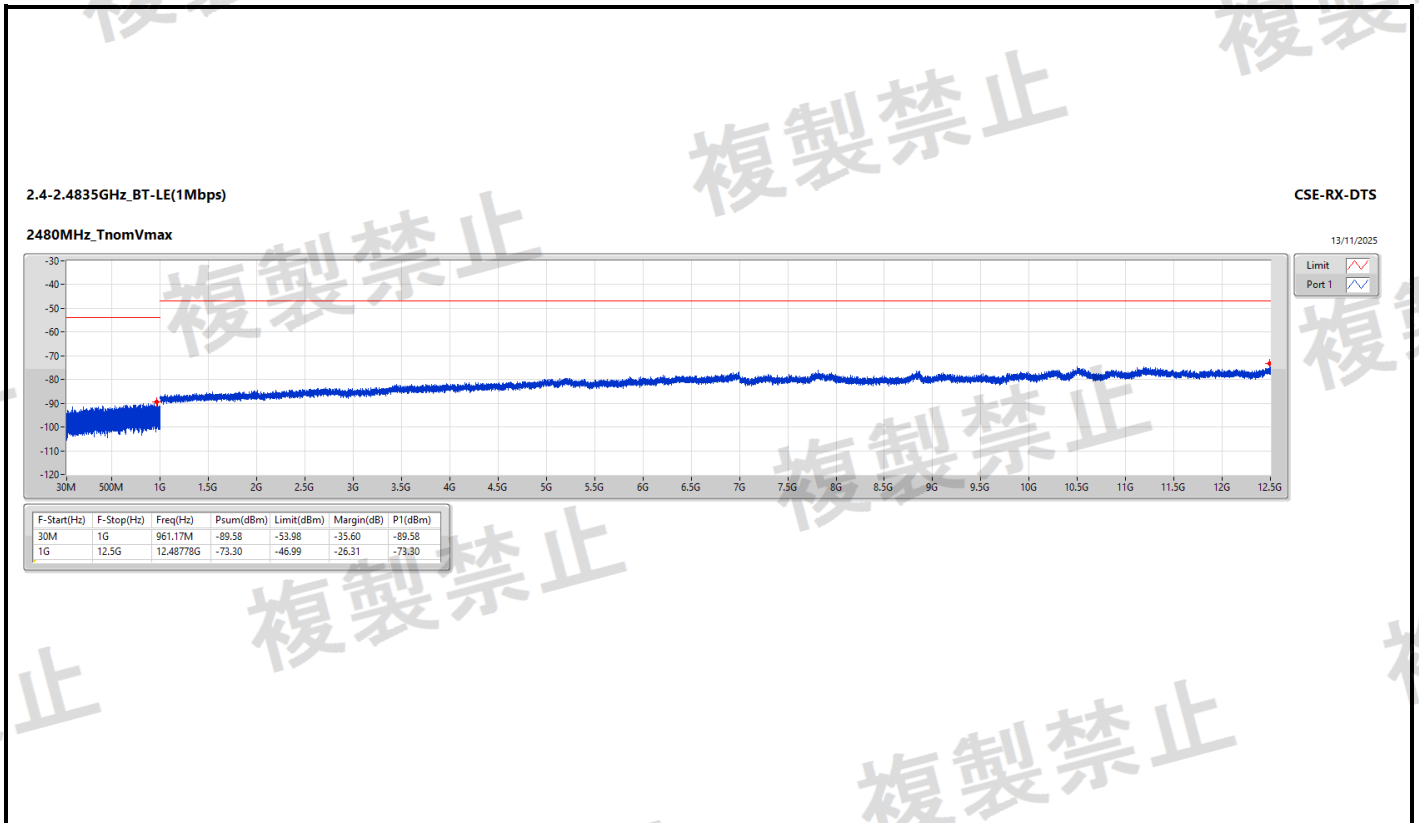
CSE-RX-DTS

2480MHz_TnomVmin

13/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	764.05M	-88.94	-53.98	-34.96	-88.94
1G	12.5G	12.44789G	-74.50	-46.99	-27.51	-74.50





Configuration 2: Chip 1, model AW300

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	1G	12.5G	1M	12.47053G	-74.43	0.03606	-46.99	20

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	972.99M	-89.94	0.00101	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	11.39348G	-74.99	0.0317	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	890.12M	-89.50	0.00112	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	12.47053G	-74.43	0.03606	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	590.63M	-90.27	0.00094	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	12.49641G	-75.06	0.03119	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	905.64M	-89.90	0.00102	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	11.19547G	-74.56	0.03499	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	963.14M	-89.79	0.00105	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	12.49353G	-74.69	0.03396	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	832.49M	-88.67	0.00136	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	12.47341G	-75.17	0.03041	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	744.65M	-89.06	0.00124	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	12.49461G	-74.98	0.03177	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	843.71M	-89.53	0.00111	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	11.20481G	-74.98	0.03177	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	814.21M	-90.26	0.00094	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	10.50798G	-75.11	0.03083	-46.99	20

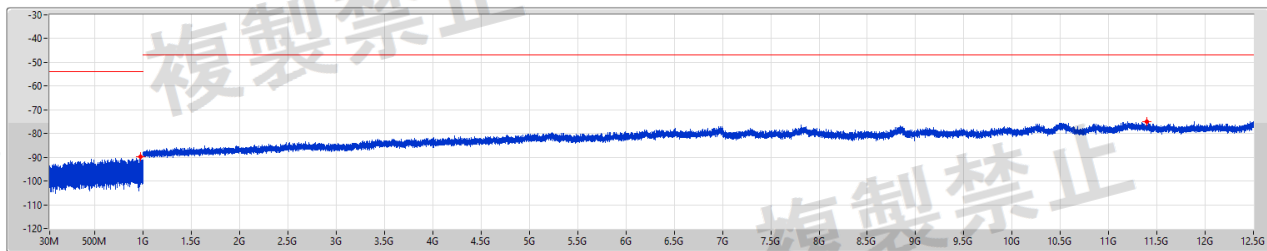


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVnom

04/11/2025



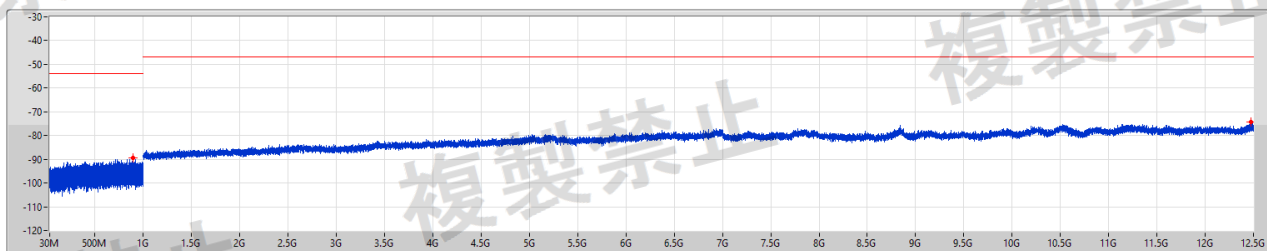
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	972.99M	-89.94	-53.98	-35.96	-89.94
1G	12.5G	11.39348G	-74.99	-46.99	-28.00	-74.99

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	890.12M	-89.50	-53.98	-35.52	-89.50
1G	12.5G	12.47033G	-74.43	-46.99	-27.44	-74.43

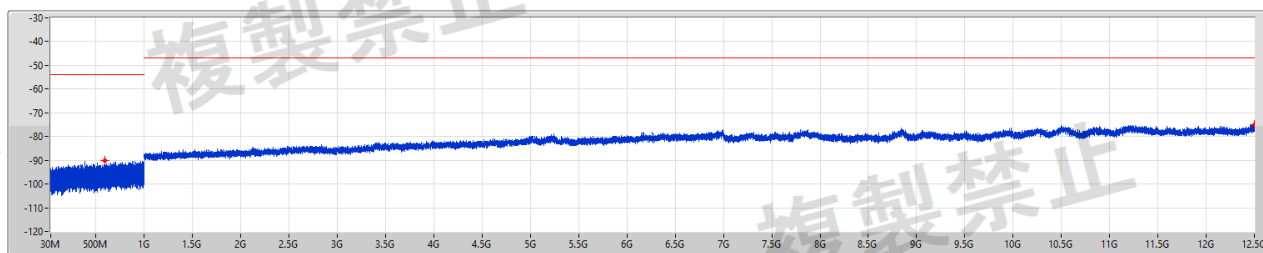


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmax

04/11/2025

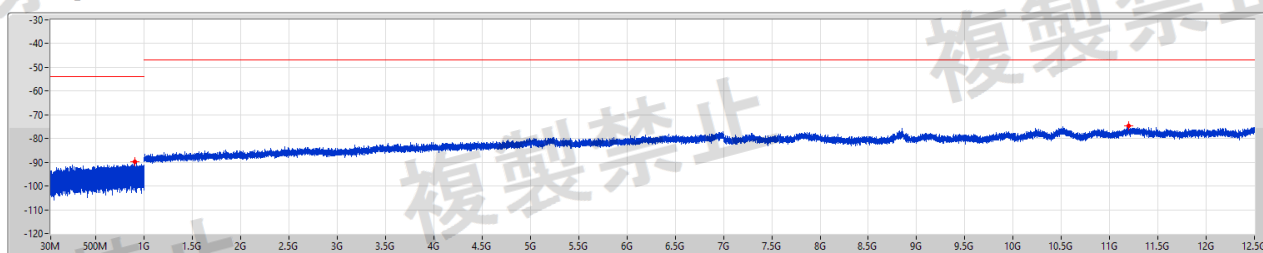


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVnom

04/11/2025



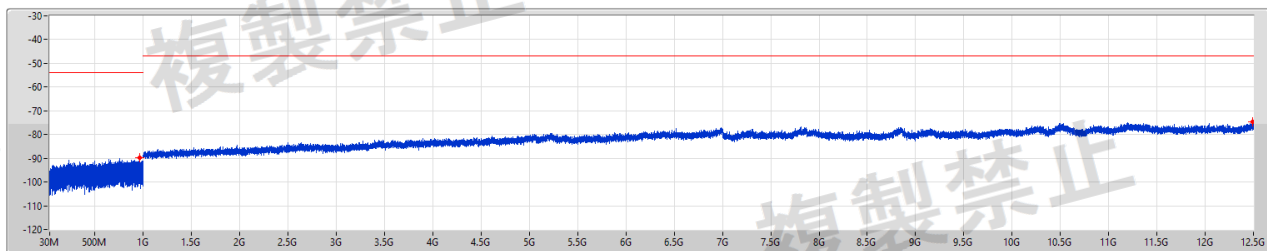


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmin

04/11/2025



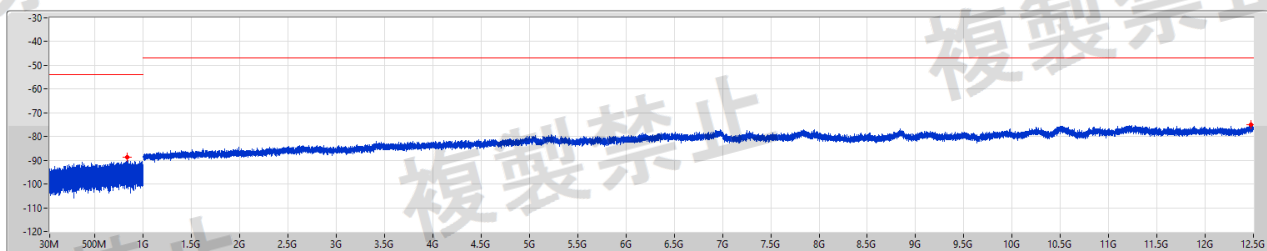
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	963.14M	-89.79	-53.98	-35.81	-89.79
1G	12.5G	12.49353G	-74.69	-46.99	-27.70	-74.69

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmax

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	832.49M	-88.67	-53.98	-34.69	-88.67
1G	12.5G	12.47341G	-75.17	-46.99	-28.18	-75.17

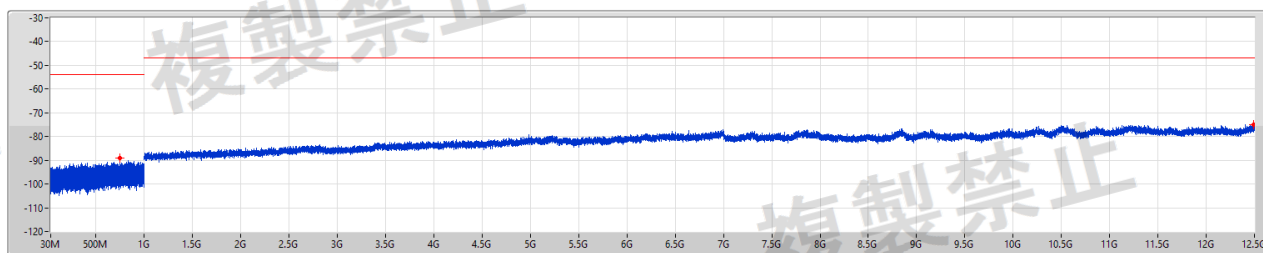


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2480MHz_TnomVnom

04/11/2025



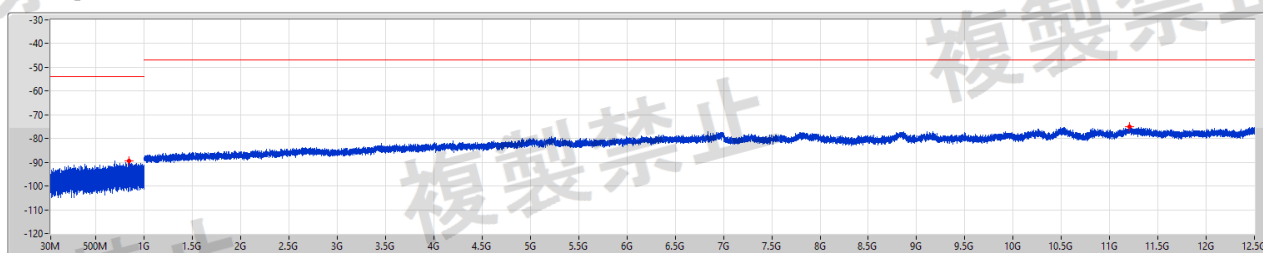
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	744.65M	-89.06	-53.98	-35.08	-89.06
1G	12.5G	12.49461G	-74.98	-46.99	-27.99	-74.98

2.4-2.4835GHz_BT-LE(1Mbps)

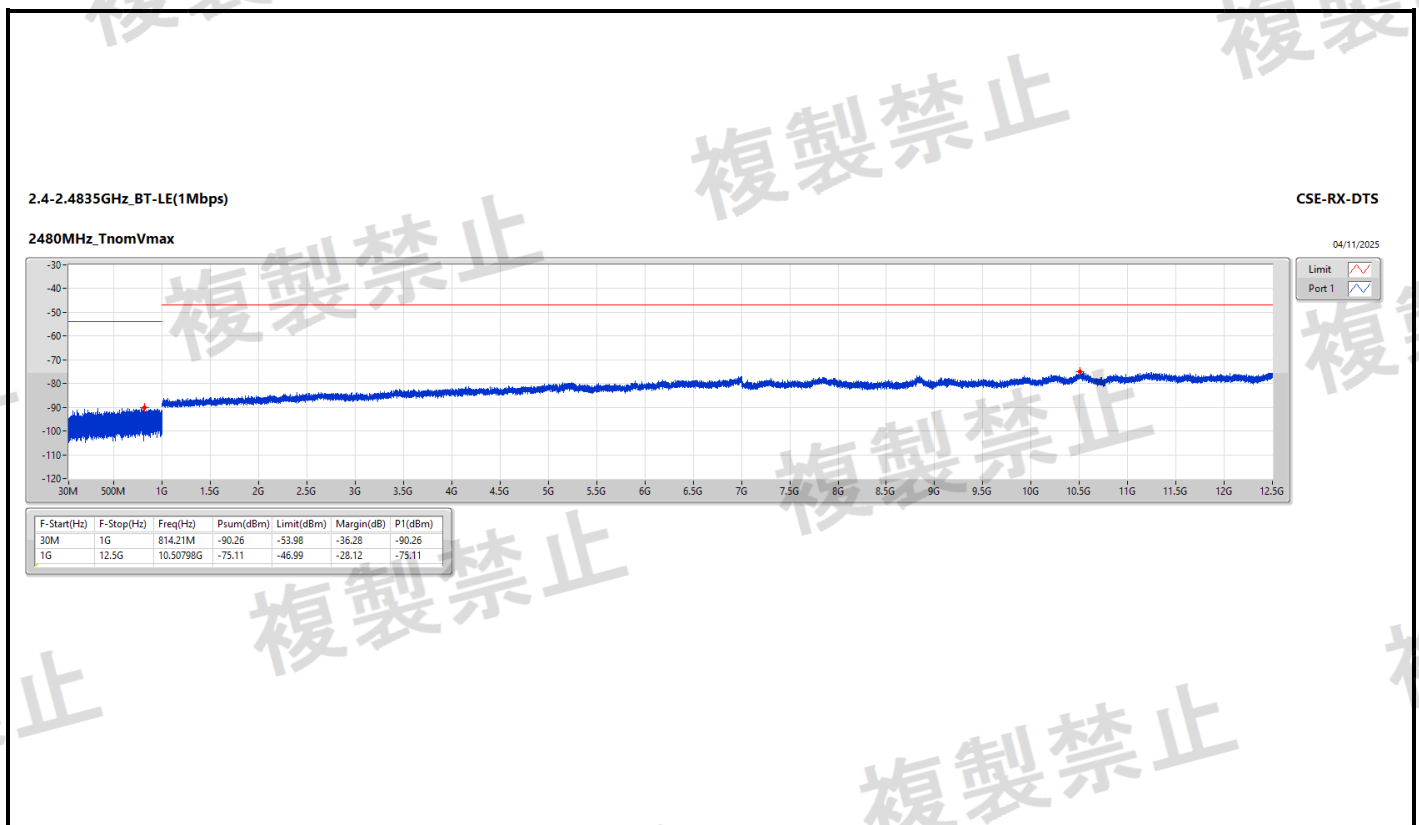
CSE-RX-DTS

2480MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	843.71M	-89.53	-53.98	-35.55	-89.53
1G	12.5G	11.20481G	-74.98	-46.99	-27.99	-74.98





Receiver Spurious Emissions

Appendix F.2

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(2Mbps)	Pass	1G	12.5G	1M	12.47736G	-74.41	0.03622	-46.99	20

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	998.12M	-89.08	0.00124	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	12.49389G	-74.80	0.03311	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	928.19M	-89.81	0.00104	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	11.19727G	-74.74	0.03357	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	756.53M	-89.52	0.00112	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	12.49569G	-74.91	0.03228	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	625.64M	-89.60	0.0011	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	12.47736G	-74.41	0.03622	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	973.69M	-89.87	0.00103	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	12.49641G	-74.59	0.03475	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	854.62M	-89.71	0.00107	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	12.49245G	-74.83	0.03289	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	912.82M	-88.92	0.00128	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	11.19978G	-74.94	0.03206	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	925.83M	-90.34	0.00092	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	12.49066G	-74.73	0.03365	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	991.03M	-89.23	0.00119	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	12.4867G	-74.96	0.03192	-46.99	20

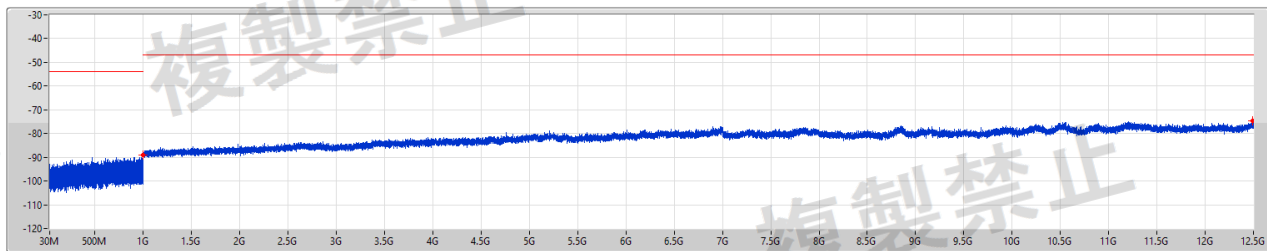


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2402MHz_TnomVnom

04/11/2025



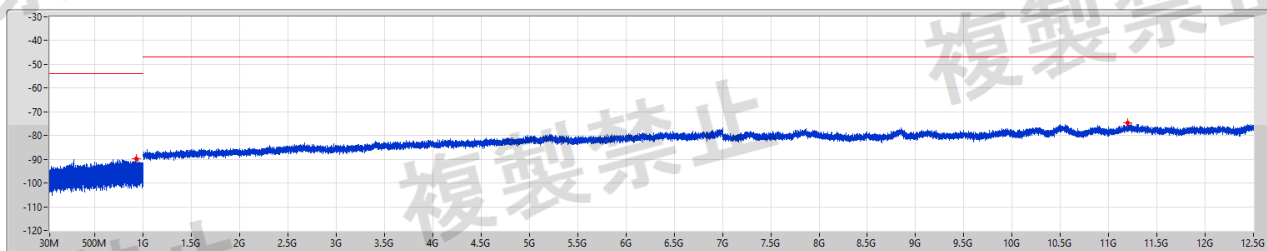
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	998.12M	-89.08	-53.98	-35.10	-89.08
1G	12.5G	12.49389G	-74.80	-46.99	-27.81	-74.80

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2402MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	928.19M	-89.81	-53.98	-35.83	-89.81
1G	12.5G	11.19727G	-74.74	-46.99	-27.75	-74.74

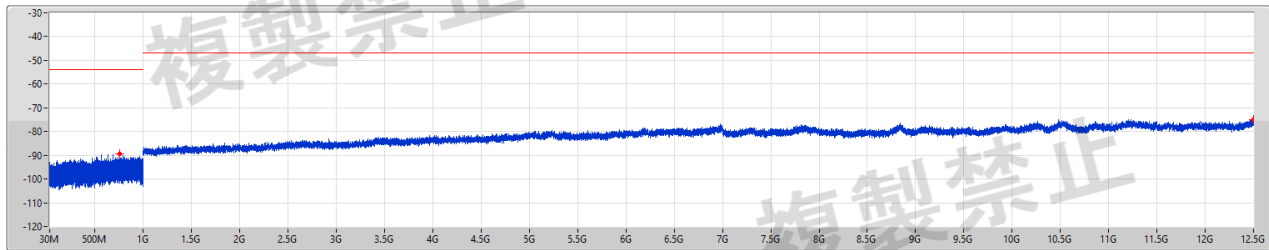


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2402MHz_TnomVmax

04/11/2025



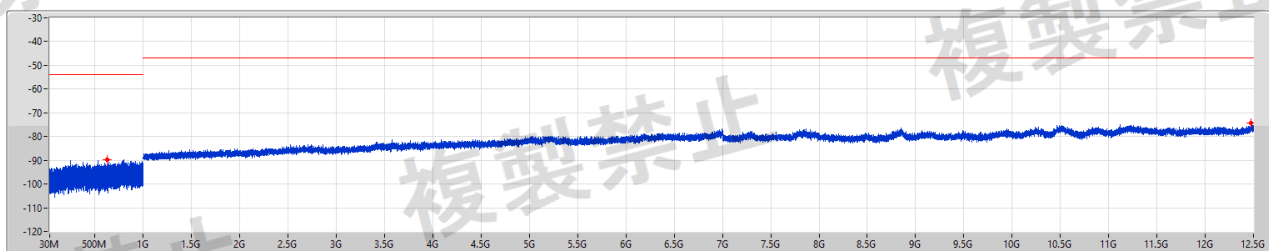
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	756.53M	-89.52	-53.98	-35.54	-89.52
1G	12.5G	12.49569G	-74.91	-46.99	-27.92	-74.91

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2440MHz_TnomVnom

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	625.64M	-89.60	-53.98	-35.62	-89.60
1G	12.5G	12.47736G	-74.41	-46.99	-27.42	-74.41

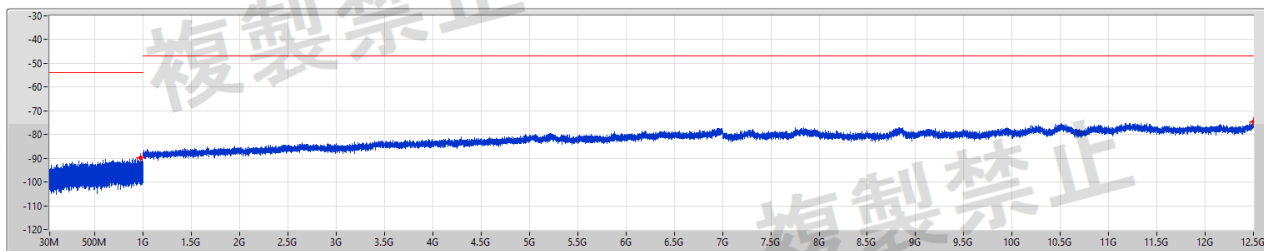


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2440MHz_TnomVmin

04/11/2025



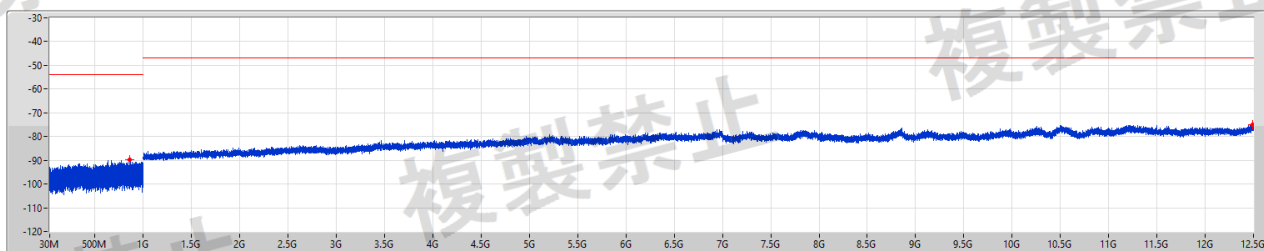
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	973.69M	-89.87	-53.98	-35.89	-89.87
1G	12.5G	12.49541G	-74.59	-46.99	-27.60	-74.59

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2440MHz_TnomVmax

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	854.62M	-89.71	-53.98	-35.73	-89.71
1G	12.5G	12.49245G	-74.83	-46.99	-27.84	-74.83

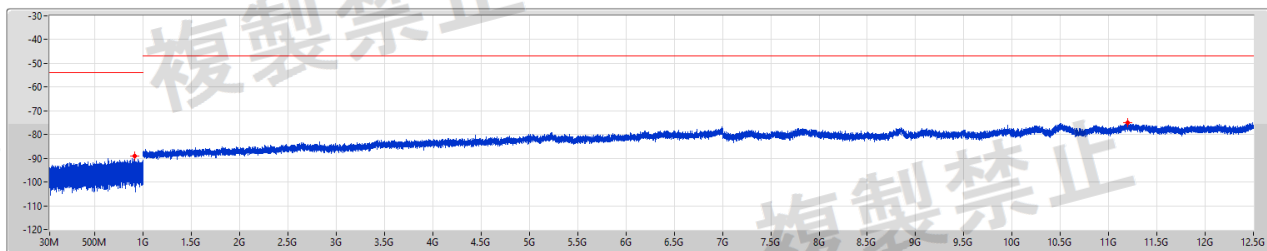


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2480MHz_TnomVnom

04/11/2025



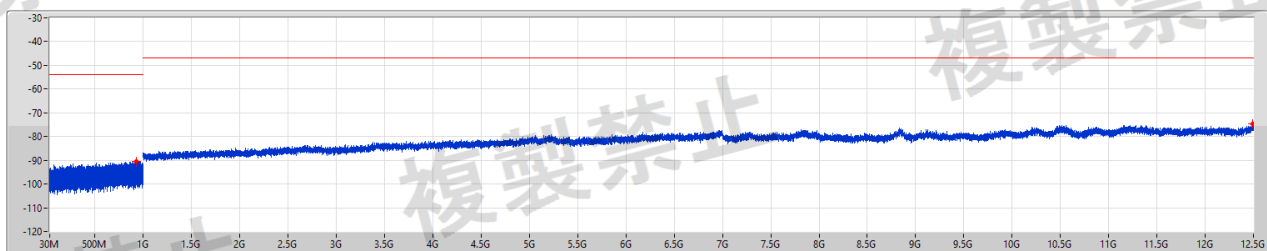
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	912.82M	-88.92	-53.98	-34.94	-88.92
1G	12.5G	11.19978G	-74.94	-46.99	-27.95	-74.94

2.4-2.4835GHz_BT-LE(2Mbps)

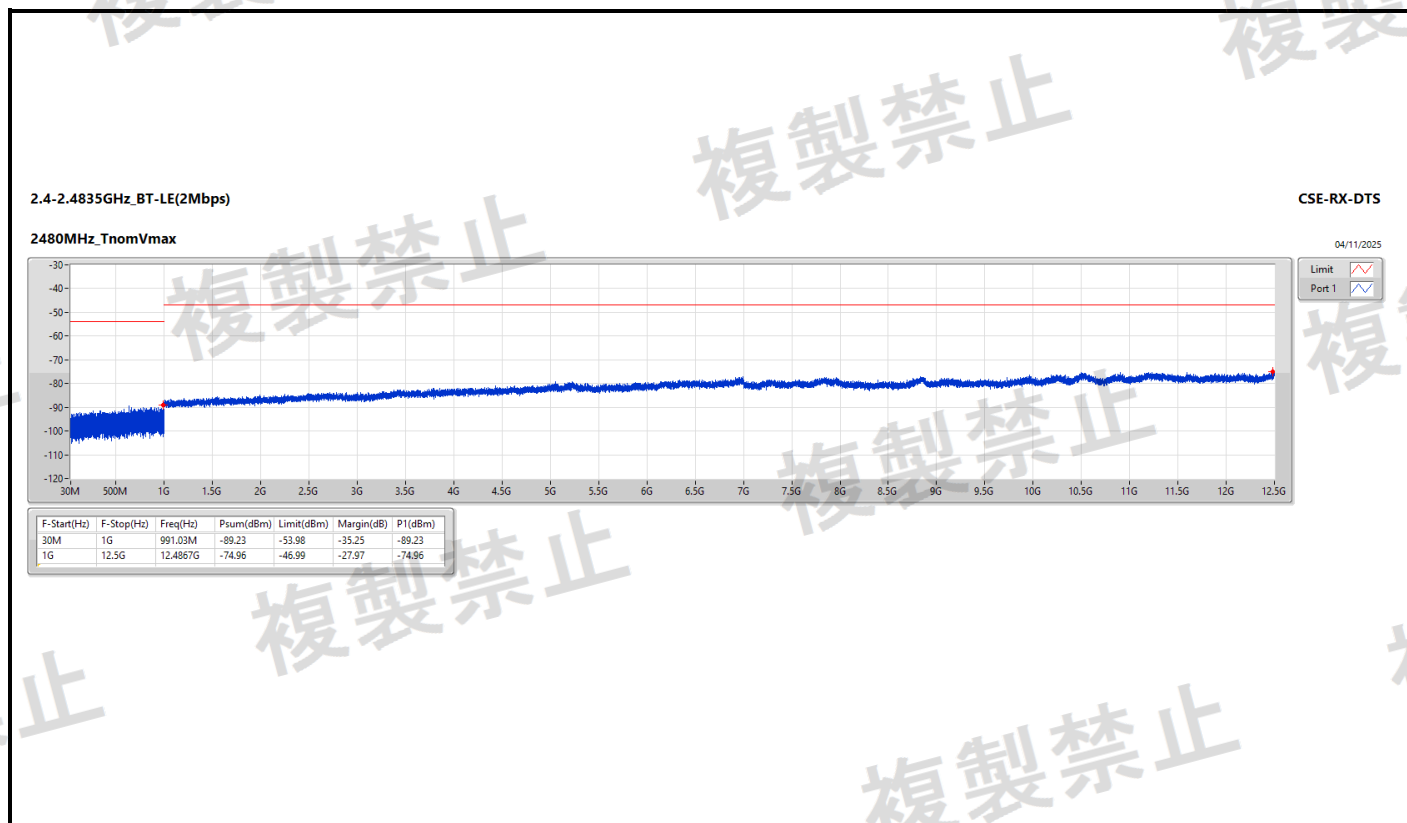
CSE-RX-DTS

2480MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	925.83M	-90.34	-53.98	-36.36	-90.34
1G	12.5G	12.49066G	-74.73	-46.99	-27.74	-74.73





Configuration 3: Chip 2, model AW300

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	1G	12.5G	1M	11.36797G	-74.34	0.03681	-46.99	20

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	667.93M	-89.87	0.00103	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	10.5105G	-75.25	0.02985	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	973.02M	-89.98	0.001	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	11.24183G	-75.12	0.03076	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	941.68M	-89.55	0.00111	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	11.20877G	-74.96	0.03192	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	831.89M	-89.73	0.00106	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	11.17355G	-74.79	0.03319	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	875.17M	-89.94	0.00101	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	12.45723G	-74.86	0.03266	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	830.28M	-89.00	0.00126	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	12.48778G	-74.98	0.03177	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	763.56M	-89.48	0.00113	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	12.48922G	-75.03	0.03141	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	962.56M	-90.16	0.00096	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	11.36797G	-74.34	0.03681	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	829.64M	-89.67	0.00108	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	12.48886G	-74.93	0.03214	-46.99	20

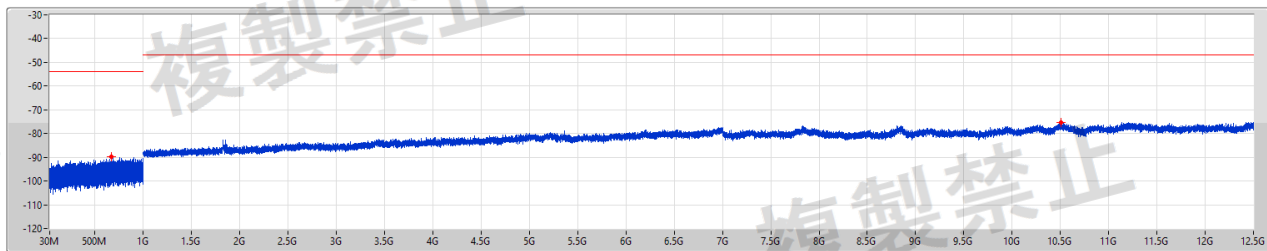


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVnom

04/11/2025



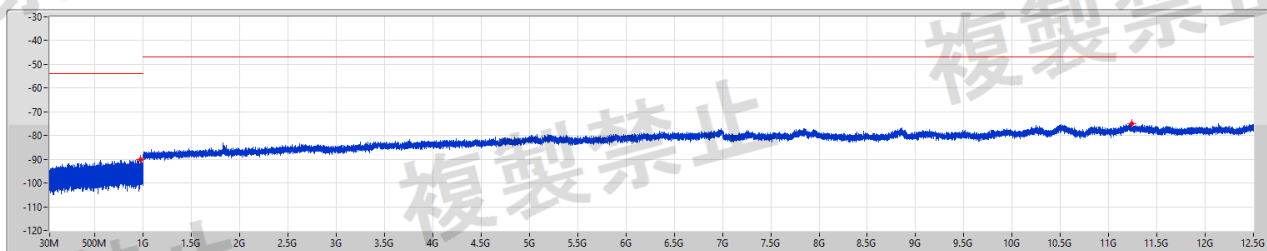
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	667.93M	-89.87	-53.98	-35.89	-89.87
1G	12.5G	10.5105G	-75.25	-46.99	-28.26	-75.25

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	973.02M	-89.98	-53.98	-36.00	-89.98
1G	12.5G	11.24183G	-75.12	-46.99	-28.13	-75.12

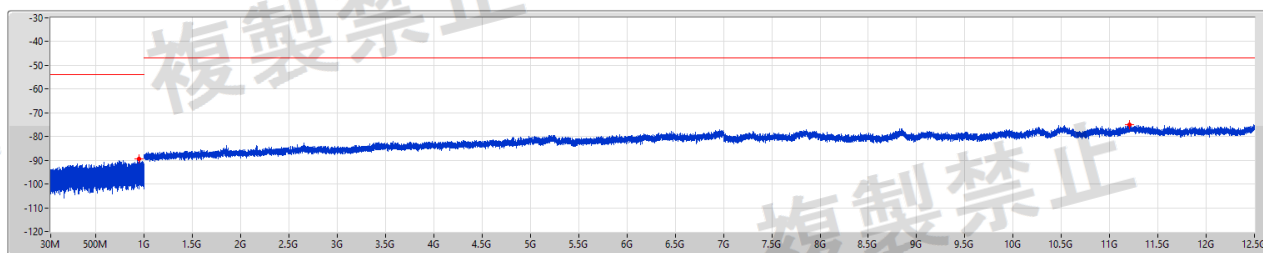


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2402MHz_TnomVmax

04/11/2025



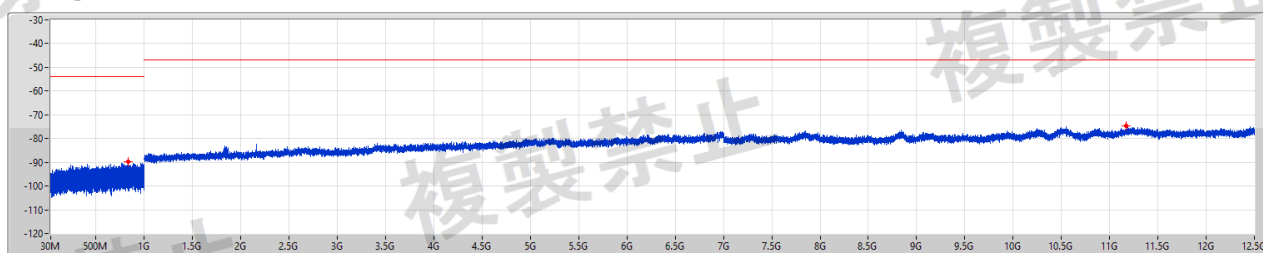
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	941.68M	-89.55	-53.98	-35.57	-89.55
1G	12.5G	11.20877G	-74.96	-46.99	-27.97	-74.96

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVnom

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	831.89M	-89.73	-53.98	-35.75	-89.73
1G	12.5G	11.17355G	-74.79	-46.99	-27.80	-74.79

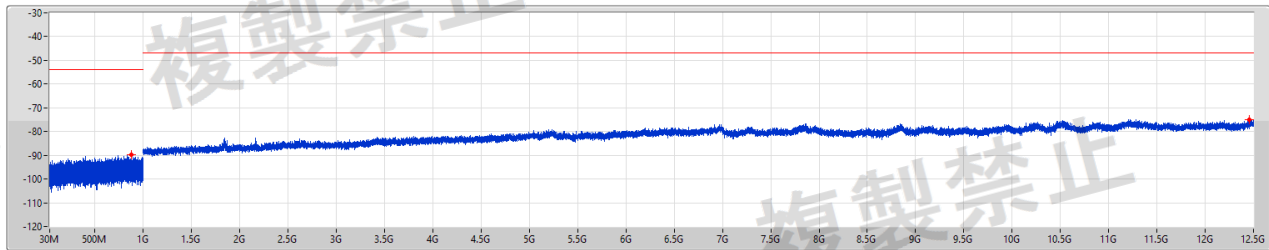


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmin

04/11/2025



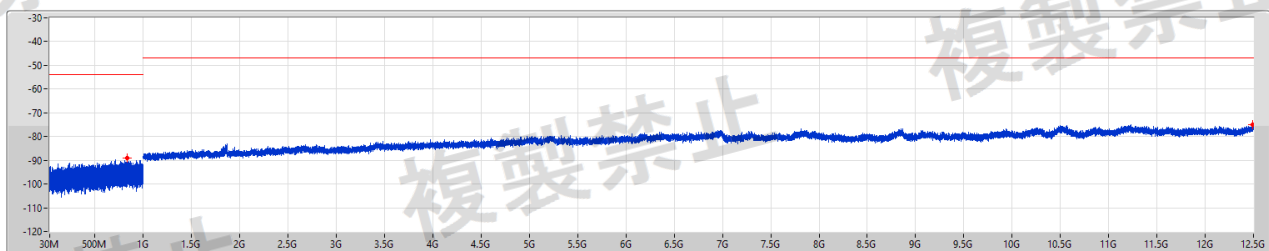
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	875.17M	-89.94	-53.98	-35.96	-89.94
1G	12.5G	12.45723G	-74.86	-46.99	-27.87	-74.86

2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2440MHz_TnomVmax

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	830.28M	-89.00	-53.98	-35.02	-89.00
1G	12.5G	12.48778G	-74.98	-46.99	-27.99	-74.98

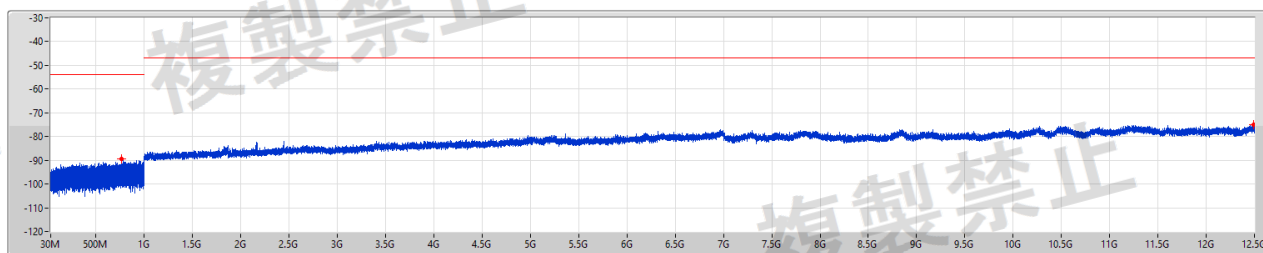


2.4-2.4835GHz_BT-LE(1Mbps)

CSE-RX-DTS

2480MHz_TnomVnom

04/11/2025



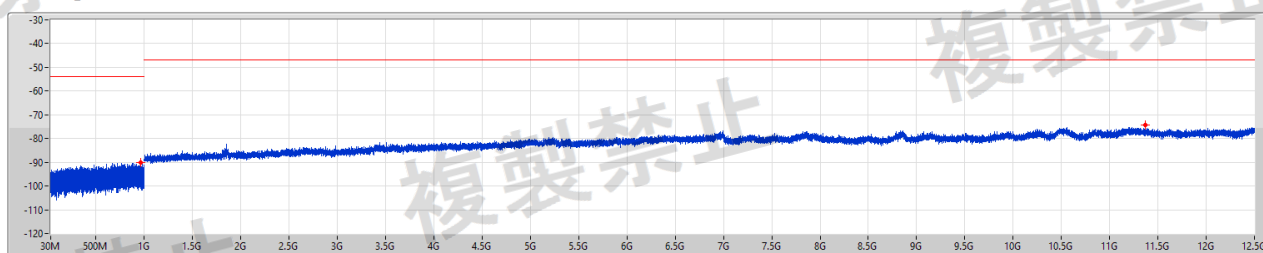
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	763.56M	-89.48	-53.98	-35.50	-89.48
1G	12.5G	12.48922G	-75.03	-46.99	-28.04	-75.03

2.4-2.4835GHz_BT-LE(1Mbps)

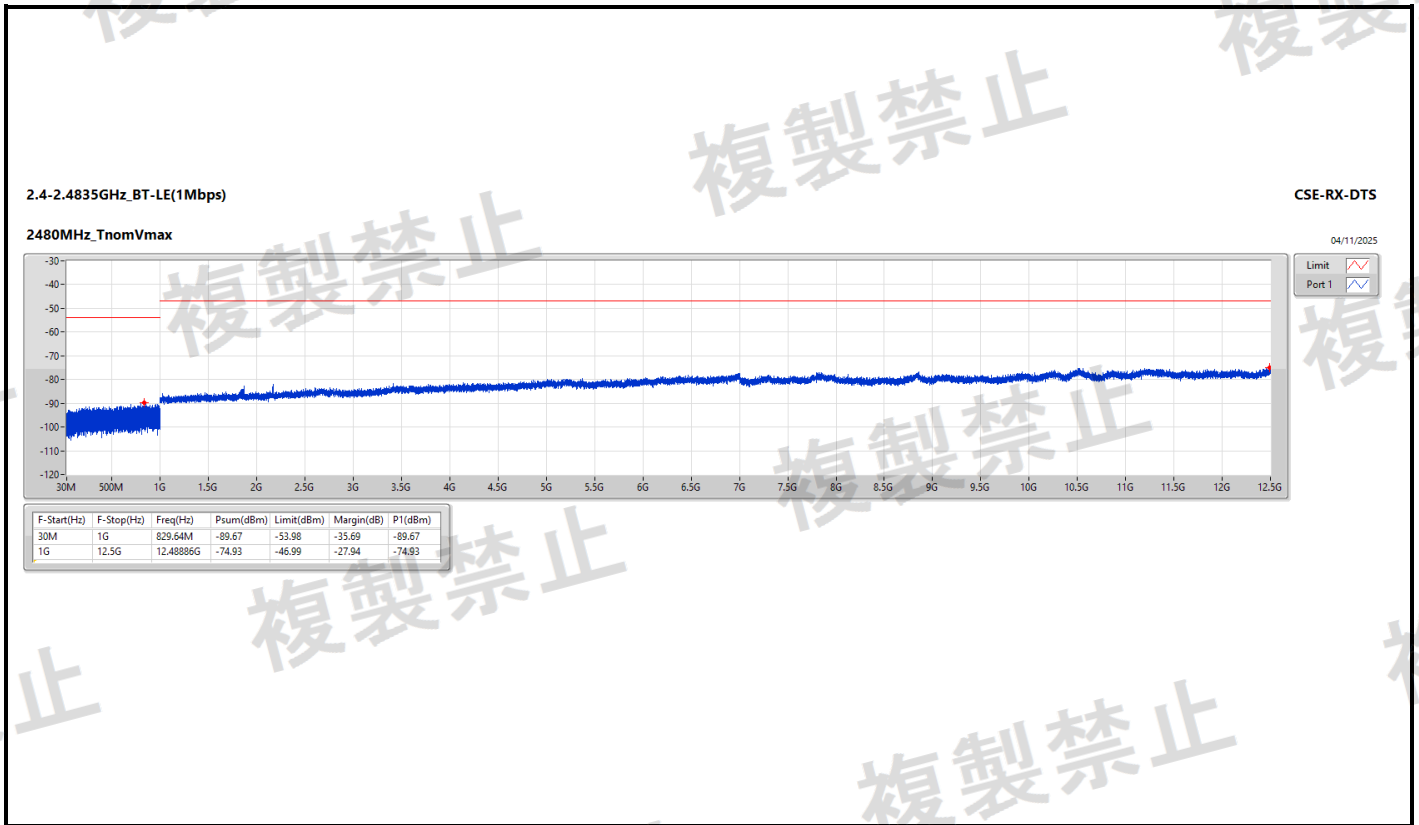
CSE-RX-DTS

2480MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	962.56M	-90.16	-53.98	-36.18	-90.16
1G	12.5G	11.36797G	-74.34	-46.99	-27.35	-74.34





Receiver Spurious Emissions

Appendix F.3

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(2Mbps)	Pass	1G	12.5G	1M	12.49964G	-74.21	0.03793	-46.99	20

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	750.74M	-90.12	0.00097	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	11.31622G	-74.98	0.03177	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	814.31M	-90.13	0.00097	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	12.49964G	-74.21	0.03793	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	635.83M	-90.19	0.00096	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	11.26806G	-74.71	0.03381	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	855.92M	-89.26	0.00119	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	12.4982G	-74.62	0.03451	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	689.39M	-89.45	0.00114	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	12.5G	-74.93	0.03214	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	771.87M	-89.05	0.00124	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	12.49533G	-74.70	0.03388	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	963.99M	-89.69	0.00107	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	12.44969G	-75.04	0.03133	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	789.93M	-89.67	0.00108	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	12.47233G	-74.60	0.03467	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	781.42M	-89.04	0.00125	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	12.46514G	-74.66	0.0342	-46.99	20

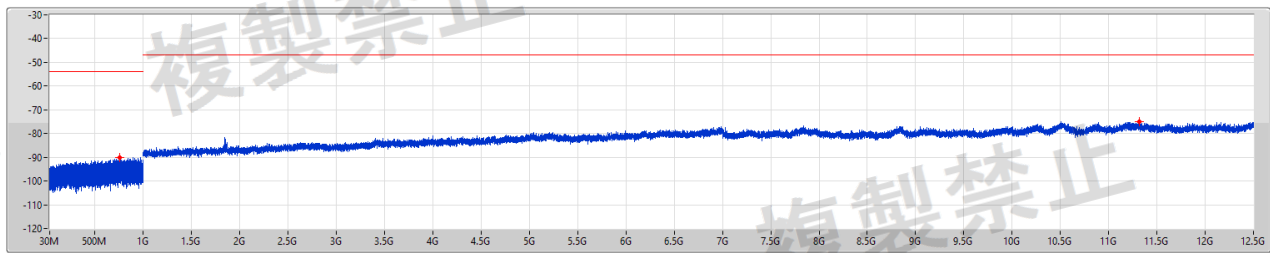


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2402MHz_TnomVnom

04/11/2025



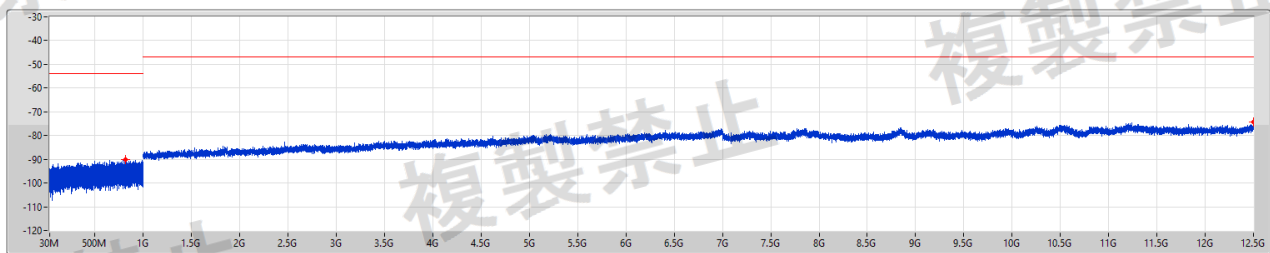
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	750.74M	-90.12	-53.98	-36.14	-90.12
1G	12.5G	11.31622G	-74.98	-46.99	-27.99	-74.98

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2402MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	814.31M	-90.13	-53.98	-36.15	-90.13
1G	12.5G	12.49964G	-74.21	-46.99	-27.22	-74.21

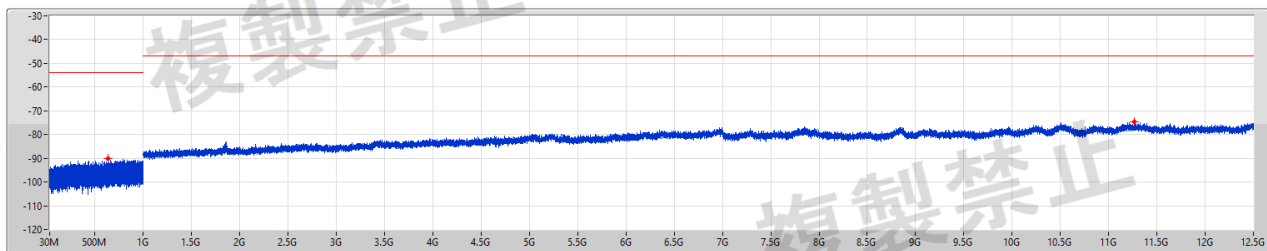


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2402MHz_TnomVmax

04/11/2025



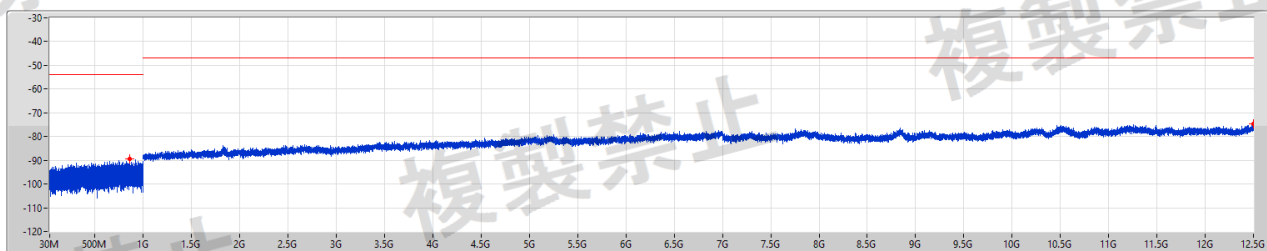
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	635.83M	-90.19	-53.98	-36.21	-90.19
1G	12.5G	11.26806G	-74.71	-46.99	-27.72	-74.71

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2440MHz_TnomVnom

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	855.92M	-89.26	-53.98	-35.28	-89.26
1G	12.5G	12.4982G	-74.62	-46.99	-27.63	-74.62

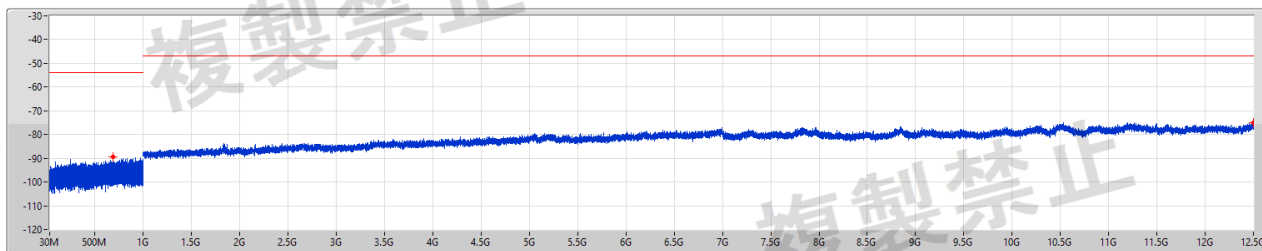


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2440MHz_TnomVmin

04/11/2025



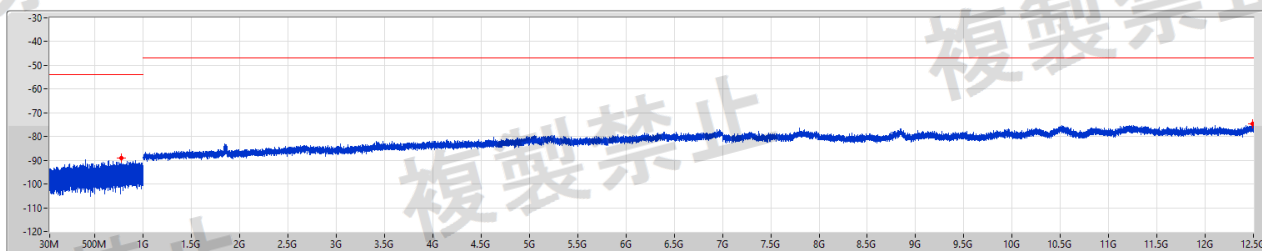
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	689.39M	-89.45	-53.98	-35.47	-89.45
1G	12.5G	12.5G	-74.93	-46.99	-27.94	-74.93

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2440MHz_TnomVmax

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	771.87M	-89.05	-53.98	-35.07	-89.05
1G	12.5G	12.49533G	-74.70	-46.99	-27.71	-74.70

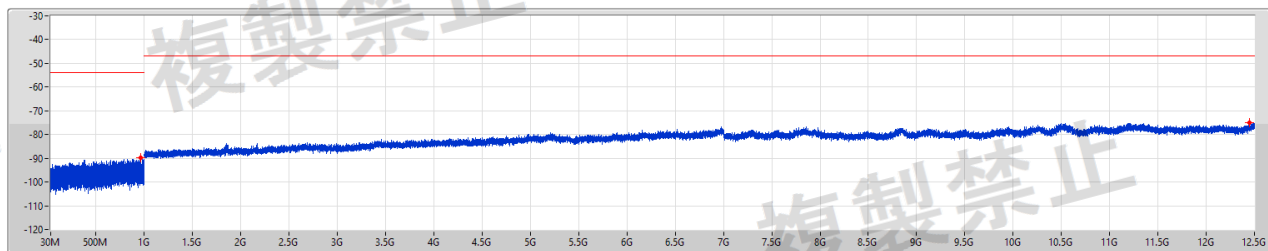


2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2480MHz_TnomVnom

04/11/2025



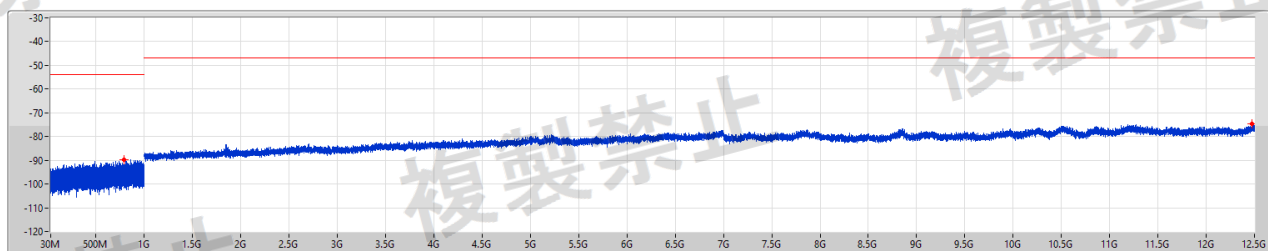
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	963.99M	-89.69	-53.98	-35.71	-89.69
1G	12.5G	12.44969G	-75.04	-46.99	-28.05	-75.04

2.4-2.4835GHz_BT-LE(2Mbps)

CSE-RX-DTS

2480MHz_TnomVmin

04/11/2025



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	789.93M	-89.67	-53.98	-35.69	-89.67
1G	12.5G	12.47233G	-74.60	-46.99	-27.61	-74.60

