

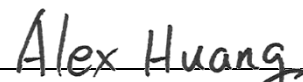
Japan Test Report

Equipment : InfoTag 3.7 COLOUR
Model No. : InfoTag 3.7
Brand Name : TERAOKA/DIGI
(For marketing different)
Applicant : DIGI SINGAPORE PTE. LTD.
Address : 4 Leng Kee Rd, #06-01 SIS Building,
Singapore 159088
Standard : Article 2 Paragraph 1 Item 19
Received Date : May 15, 2026
Tested Date : May 19, 2026

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

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

Reviewed by:


Alex Huang / Supervisor

Approved by:

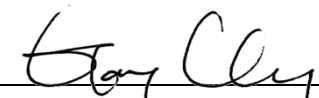

Gary Chang / Manager

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Appendix A. Antenna Power

Appendix B. Frequency Tolerance

Appendix C. Occupied Bandwidth

Appendix D. Transmitter Spurious Emissions

Appendix E. Interference Prevention Function

Appendix F. Receiver Spurious Emissions

Release Record

Report No.	Version	Description	Issued Date
JR651501	Rev. 01	Initial issue	Jun. 05, 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	3Vdc from battery (Coin Battery x3)
Type(s) of Modulation / Technology	GFSK = 250 Kbps
Frequency Range (MHz)	2402 ~ 2480 MHz
Total Channel Number	79
HW Version	TWB-15930-0 REV A
SW Version	F014

1.1.2 Accessories

N/A

1.1.3 Antenna Details

Brand	Model	Type	Connector	Gain (dBi)
DIGI SINGAPORE PTE. LTD.	DIGI2.4IFA	PCB ANTENNA	LAYOUT ON PCB BOARD	3.3

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

1.1.4 Antenna Power

Operating Mode	Rated Power (mW)	Measured Conducted Power (mW)	Radiated Power(mW)
GFSK	4	3.802	8.128

1.1.5 Channel List

Frequency band (MHz)				2400~2483.5			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2402	21	2422	41	2442	61	2462
2	2403	22	2423	42	2443	62	2463
3	2404	23	2424	43	2444	63	2464
4	2405	24	2425	44	2445	64	2465
5	2406	25	2426	45	2446	65	2466
6	2407	26	2427	46	2447	66	2467
7	2408	27	2428	47	2448	67	2468
8	2409	28	2429	48	2449	68	2469
9	2410	29	2430	49	2450	69	2470
10	2411	30	2431	50	2451	70	2471
11	2412	31	2432	51	2452	71	2472
12	2413	32	2433	52	2453	72	2473
13	2414	33	2434	53	2454	73	2474
14	2415	34	2435	54	2455	74	2475
15	2416	35	2436	55	2456	75	2476
16	2417	36	2437	56	2457	76	2477
17	2418	37	2438	57	2458	77	2478
18	2419	38	2439	58	2459	78	2479
19	2420	39	2440	59	2460	79	2480
20	2421	40	2441	60	2461	---	---

1.1.6 Test Tool and Power Index

Test Tool
SmartRF Studio 7, Version: 2.14.0

Power Index			
Modulation Mode	Test Frequency (MHz)		
	2402	2440	2480
GFSK	Default	Default	Default

1.1.7 Test Voltage

Test Voltage	☒ Vnom (3 Vdc)	☒ Vmax (3.3 Vdc)	☒ Vmin (2 Vdc)
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1.1.8 Protection Method for High Frequency and Modulation Section

Protected Method	Description
Ultrasound Welding	Against the illegal modification, the RF and modulation are protected by Ultrasonic welding method on the case.

1.2 Test Equipment and Calibration Data

Test Item	RF Conducted						
Test Site	(TH01-WS)						
Tested Date	May 19, 2026						
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until	Calibration Authority	Calibration Method
Spectrum Analyzer	R&S	FSV40	101486	Mar. 10, 2026	Mar. 09, 2027	ETC	(C)
DC POWER SOURCE	GW INSTEK	GPE-6030	GEZ824073	Oct. 27, 2025	Oct. 26, 2026	ETC	(C)
Power Sensor	Anritsu	MA2411B	1207367	Feb. 04, 2026	Feb. 03, 2027	ETC	(C)
Power Meter	Anritsu	ML2495A	1218007	Feb. 04, 2026	Feb. 03, 2027	ETC	(C)
Measurement Software	Sporton	SENSE	5.10.7	NA	NA	N/A	N/A
Note 1: Calibration Interval of instruments listed above is one year. Note 2: Calibration Method a. Calibration conducted by the National Institute of Information and Communications Technology(NICT) or a designated calibration agency under Article 102-18 paragraph (1) of the Radio Law. b. Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System. c. Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1). d. Calibration conducted by using other equipment that listed above from a) to c).							

1.3 Testing Applied Standards

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

Article 2 Paragraph 1 Item 19

1.4 Deviation from Test Standard and Measurement Procedure

None

1.5 Measurement Uncertainty

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

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

2 Test Configuration

2.1 Testing Location and Conditions

Test Site	Site Category	Ambient Condition	Tested By
TH01-WS	OVEN Room	20.3°C / 61%	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 5440	DoC

2.4 The Worst Test Modes and Channel Details

Test item	Mode	Test channel
Antenna Power Frequency Tolerance Occupied Bandwidth Transmitter Spurious Emission Interference prevention function Receiver Spurious Emissions	GFSK	2402 / 2440 / 2480

3 Transmitter Test Results

3.1 Antenna Power

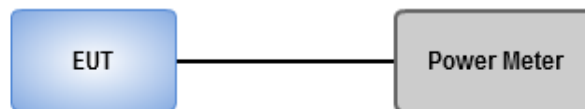
3.1.1 Limit of Antenna Power

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

3.1.2 Test Procedures

Measure the total power by Power Meter

3.1.3 Test Setup



3.1.4 Test Result

Refer to Appendix A.

3.2 Frequency Tolerance

3.2.1 Limit of Frequency Tolerance

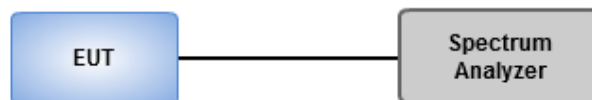
Frequency tolerance shall be +/- 50ppm.

3.2.2 Test Procedures

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

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

3.2.3 Test Setup



3.2.4 Test Result

Refer to Appendix B.

3.3 Occupied Bandwidth

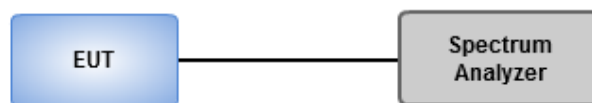
3.3.1 Limit of Occupied Bandwidth

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

3.3.2 Test Procedures

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

3.3.3 Test Setup



3.3.4 Test Result

Refer to Appendix C.

3.4 Transmitter Spurious Emissions

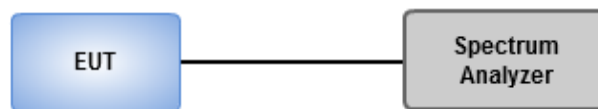
3.4.1 Limit of Transmitter Spurious Emissions

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

3.4.2 Test Procedures

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

3.4.3 Test Setup



3.4.4 Test Result

Refer to Appendix D.

3.5 Interference Prevention Function

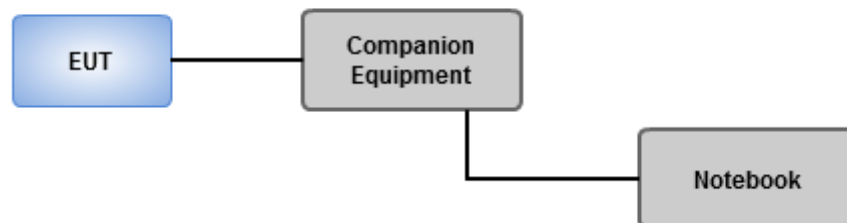
3.5.1 Limit of Interference Prevention Function

Limits
The identification code shall be 48 bits long

3.5.2 Test Procedures

1. Set EUT under operating mode and link up with companion equipment
2. Check communication status between EUT and companion equipment is normal

3.5.3 Test Setup



3.5.4 Test Result

Refer to Appendix E.

4 Receiver Test Results

4.1 Receiver Spurious Emissions

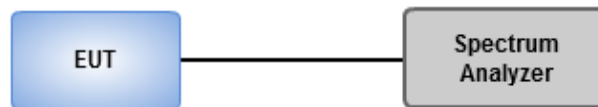
4.1.1 Limit of Receiver Spurious Emissions

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

4.1.2 Test Procedures

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

4.1.3 Test Setup



4.1.4 Test Result

Refer to Appendix F.

5 Test laboratory information

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

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

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

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

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

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
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1F, No. 6, Jiankang Road, Zhonghe
District, New Taipei City 235045,
Taiwan (R.O.C.)

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

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
GFSK	Pass	5.80	3.802	4	-4.95	20	-Inf

Inf = There's no restriction for the limit.

Result

Mode	Result	Power (dBm)	Power (mW)	Declare (mW)	Tolerance (%)	Limit+ (%)	Limit- (%)
GFSK	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	5.14	3.266	4	-18.35	20	-Inf
2402MHz_TnomVmin	Pass	5.14	3.266	4	-18.35	20	-Inf
2402MHz_TnomVmax	Pass	5.15	3.273	4	-18.16	20	-Inf
2440MHz_TnomVnom	Pass	5.46	3.516	4	-12.11	20	-Inf
2440MHz_TnomVmin	Pass	5.47	3.524	4	-11.91	20	-Inf
2440MHz_TnomVmax	Pass	5.46	3.516	4	-12.11	20	-Inf
2480MHz_TnomVnom	Pass	5.80	3.802	4	-4.95	20	-Inf
2480MHz_TnomVmin	Pass	5.79	3.793	4	-5.17	20	-Inf
2480MHz_TnomVmax	Pass	5.79	3.793	4	-5.17	20	-Inf

Inf = There's no restriction for the limit.

Summary

Mode	Power (dBm)	Power (mW)	EIRP (dBm)	EIRP (mW)
2.4-2.4835GHz	-	-	-	-
GFSK	5.80	3.802	9.10	8.128

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power (mW)	Power Lim. (mW)	EIRP (dBm)	EIRP (mW)	EIRP Lim. (mW)
GFSK	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	3.30	5.14	3.266	10	8.44	6.982	16.368
2402MHz_TnomVmin	Pass	3.30	5.14	3.266	10	8.44	6.982	16.368
2402MHz_TnomVmax	Pass	3.30	5.15	3.273	10	8.45	6.998	16.368
2440MHz_TnomVnom	Pass	3.30	5.46	3.516	10	8.76	7.516	16.368
2440MHz_TnomVmin	Pass	3.30	5.47	3.524	10	8.77	7.534	16.368
2440MHz_TnomVmax	Pass	3.30	5.46	3.516	10	8.76	7.516	16.368
2480MHz_TnomVnom	Pass	3.30	5.80	3.802	10	9.10	8.128	16.368
2480MHz_TnomVmin	Pass	3.30	5.79	3.793	10	9.09	8.110	16.368
2480MHz_TnomVmax	Pass	3.30	5.79	3.793	10	9.09	8.110	16.368

**Summary**

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
GFSK	Pass	2.402G	2.402001604G	0.6678	±50	1	-

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
GFSK	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	2.402G	2.402001603G	0.6674	±50	1	-
2402MHz_TnomVmin	Pass	2.402G	2.402001596G	0.6644	±50	1	-
2402MHz_TnomVmax	Pass	2.402G	2.402001604G	0.6678	±50	1	-
2440MHz_TnomVnom	Pass	2.44G	2.440001408G	0.577	±50	1	-
2440MHz_TnomVmin	Pass	2.44G	2.440001411G	0.5783	±50	1	-
2440MHz_TnomVmax	Pass	2.44G	2.440001407G	0.5766	±50	1	-
2480MHz_TnomVnom	Pass	2.48G	2.480001225G	0.494	±50	1	-
2480MHz_TnomVmin	Pass	2.48G	2.480001235G	0.498	±50	1	-
2480MHz_TnomVmax	Pass	2.48G	2.480001221G	0.4923	±50	1	-

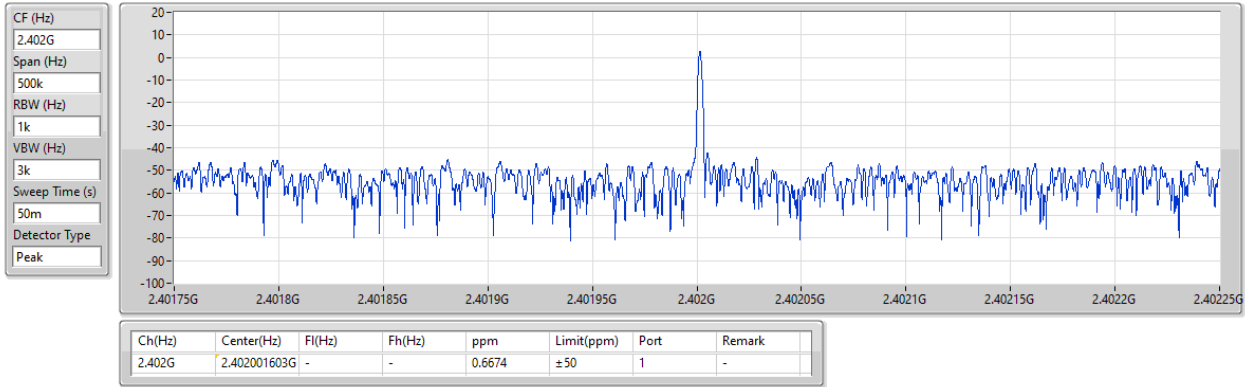


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2402MHz_TnomVnom

19/05/2026

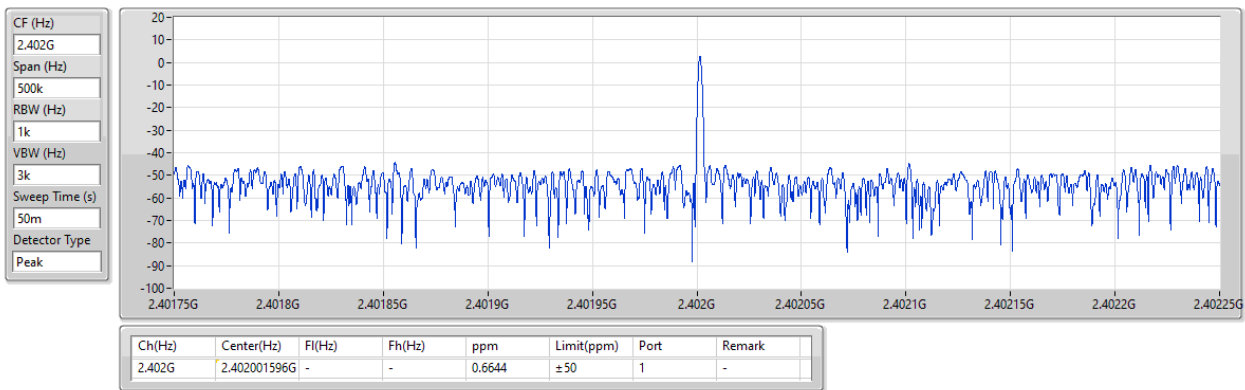


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2402MHz_TnomVmin

19/05/2026



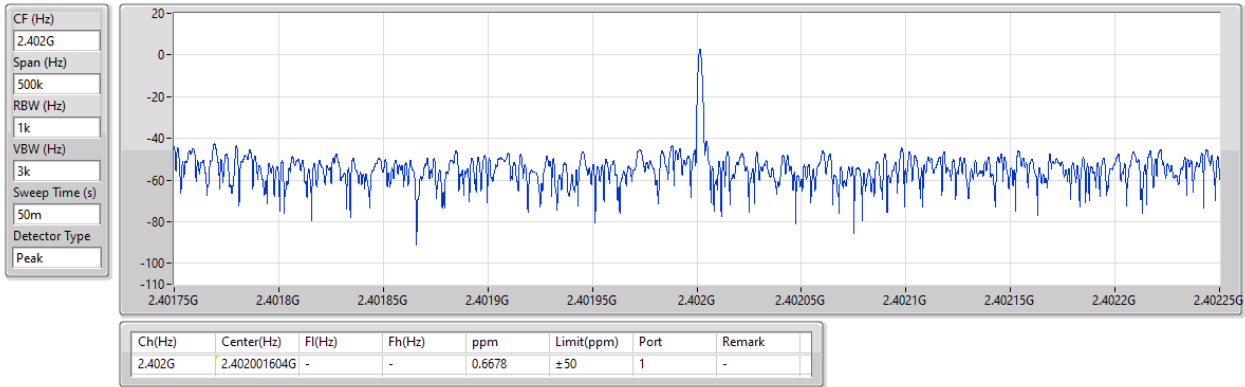


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2402MHz_TnomVmax

19/05/2026

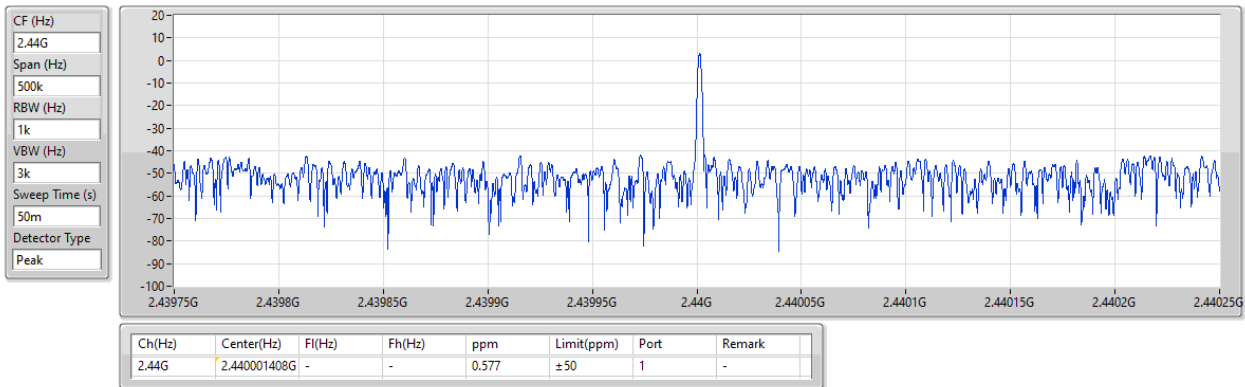


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2440MHz_TnomVnom

19/05/2026



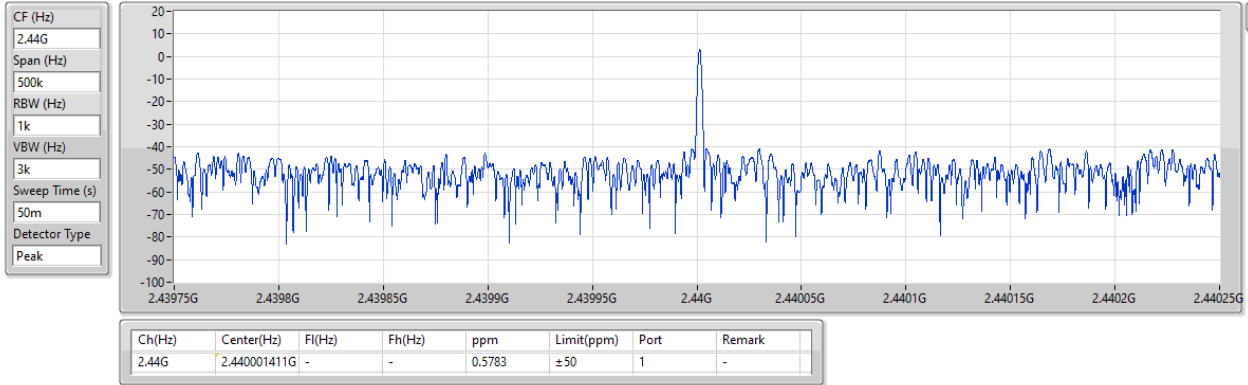


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2440MHz_TnomVmin

19/05/2026

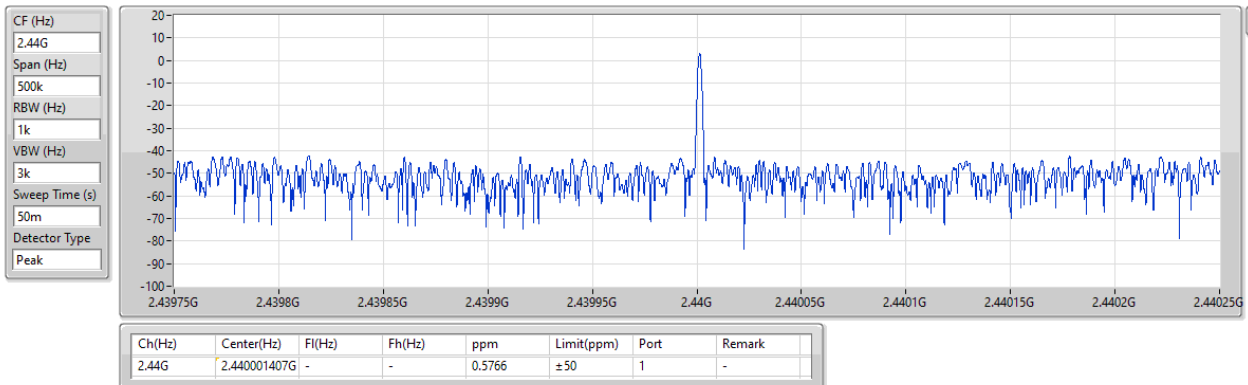


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2440MHz_TnomVmax

19/05/2026



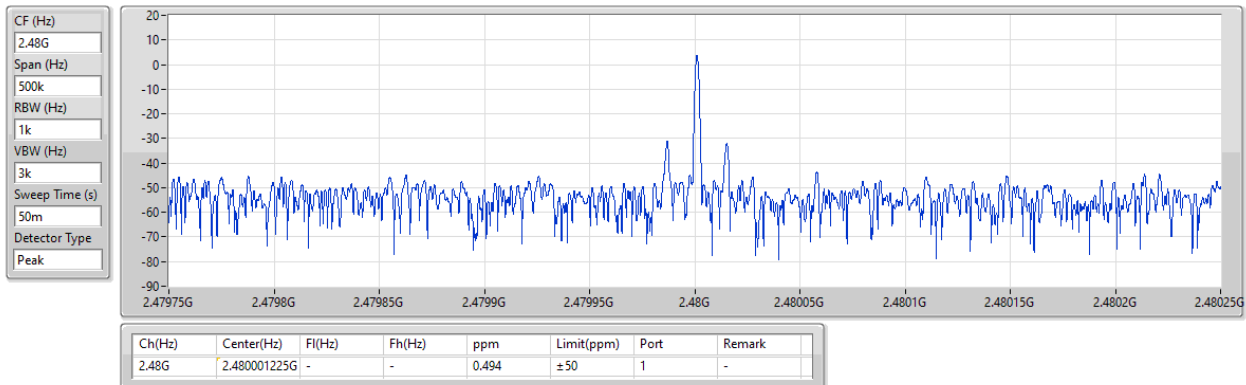


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2480MHz_TnomVnom

19/05/2026

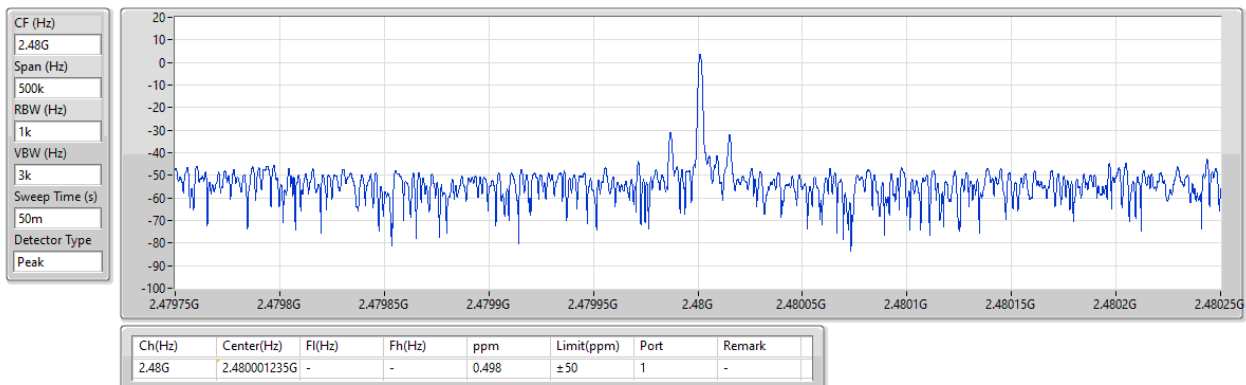


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2480MHz_TnomVmin

19/05/2026



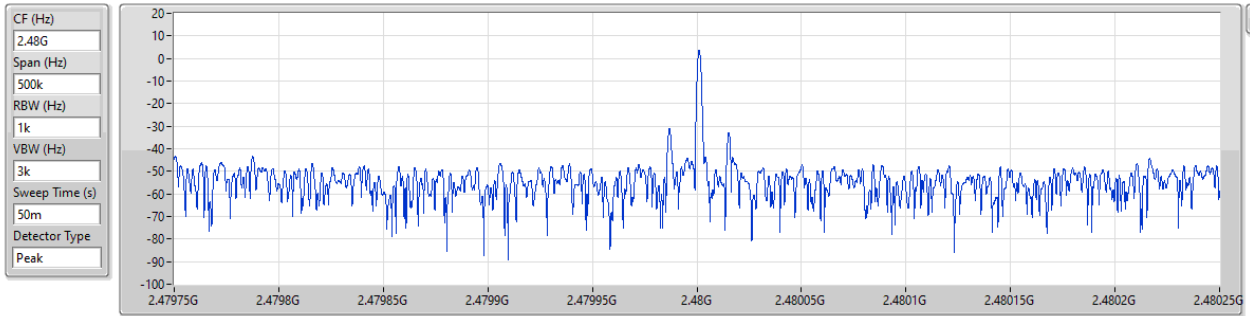


2.4-2.4835GHz_GFSK

Freq. Stability-DTS

2480MHz_TnomVmax

19/05/2026



Ch(Hz)	Center(Hz)	F(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
2.48G	2.480001221G	-	-	0.4923	±50	1	-

**Summary**

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
GFSK	1.411M	1M41F1D	1.348M

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

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
GFSK	-	-	-
2402MHz_TnomVnom	Pass	83.5M	1.348M
2402MHz_TnomVmin	Pass	83.5M	1.353M
2402MHz_TnomVmax	Pass	83.5M	1.35M
2440MHz_TnomVnom	Pass	83.5M	1.411M
2440MHz_TnomVmin	Pass	83.5M	1.404M
2440MHz_TnomVmax	Pass	83.5M	1.409M
2480MHz_TnomVnom	Pass	83.5M	1.351M
2480MHz_TnomVmin	Pass	83.5M	1.353M
2480MHz_TnomVmax	Pass	83.5M	1.355M

P1-OBW = Port 1 99% occupied bandwidth;

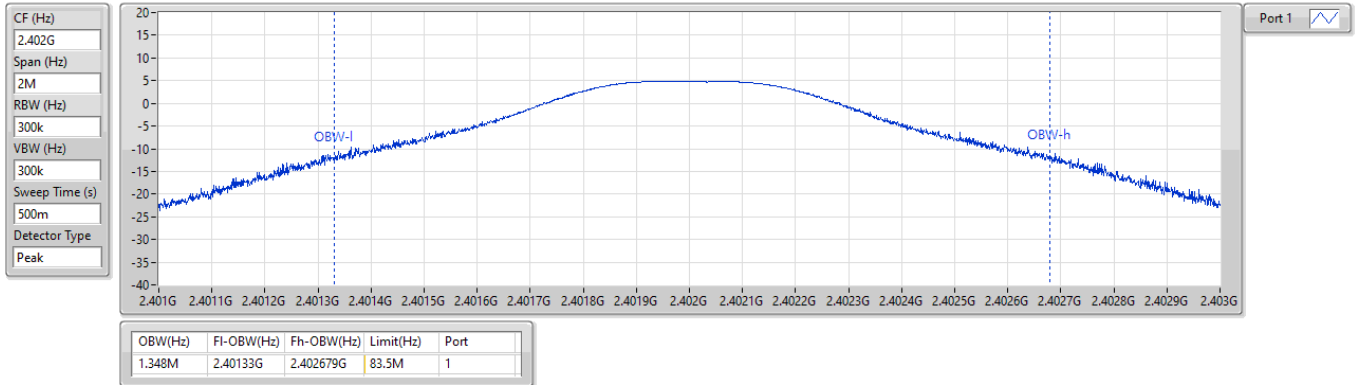


2.4-2.4835GHz_GFSK

OBW-DTS

2402MHz_TnomVnom

19/05/2026

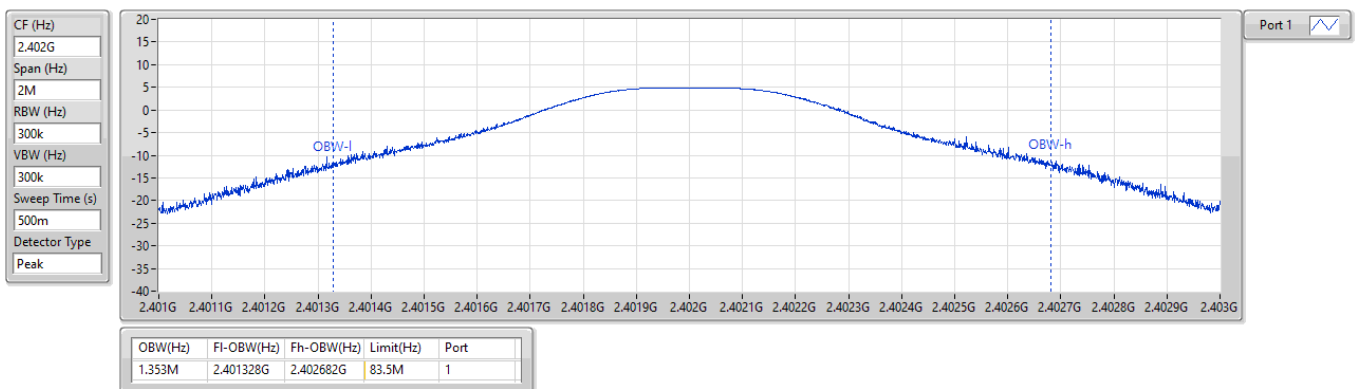


2.4-2.4835GHz_GFSK

OBW-DTS

2402MHz_TnomVmin

19/05/2026



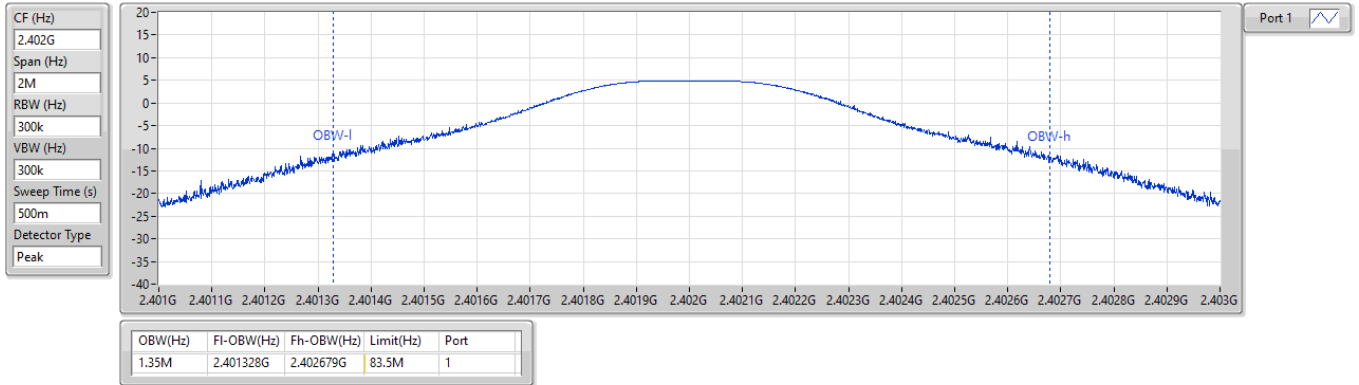


2.4-2.4835GHz_GFSK

OBW-DTS

2402MHz_TnomVmax

19/05/2026

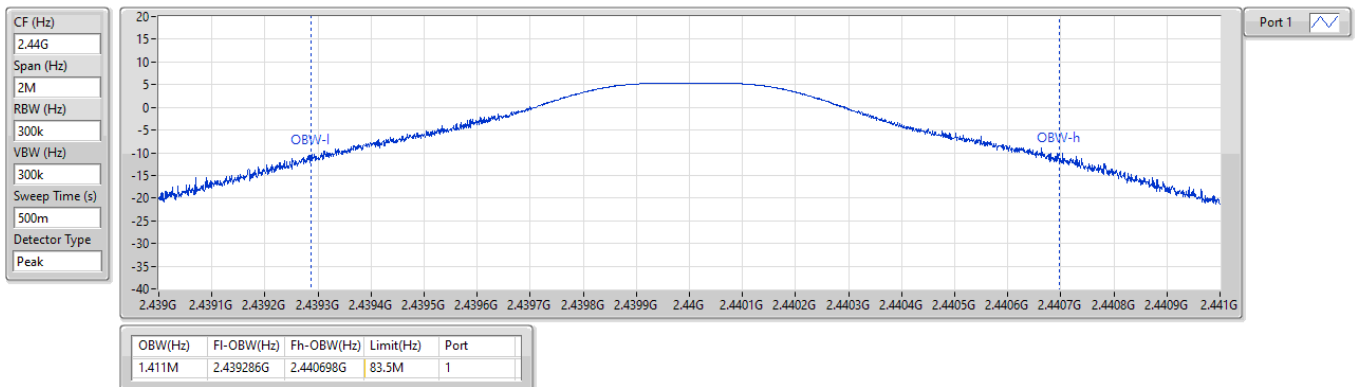


2.4-2.4835GHz_GFSK

OBW-DTS

2440MHz_TnomVnom

19/05/2026



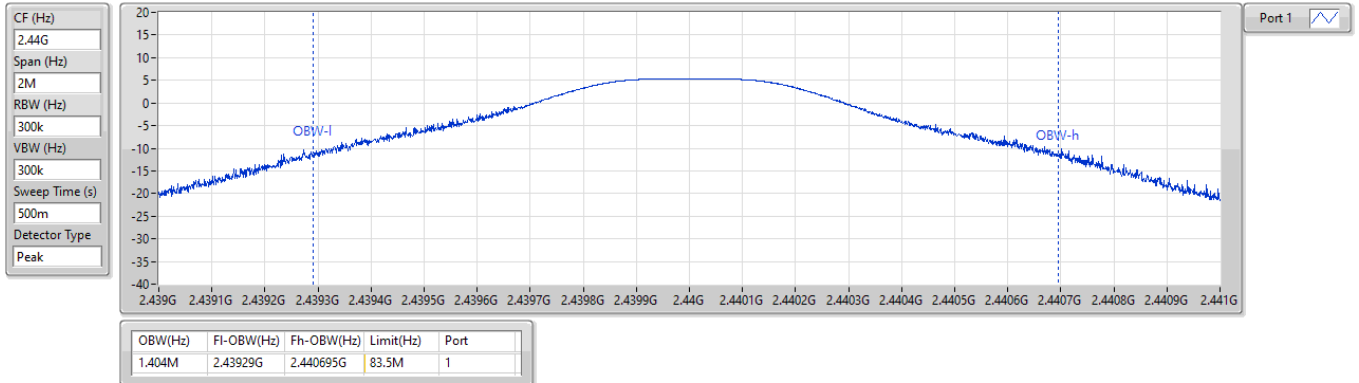


2.4-2.4835GHz_GFSK

OBW-DTS

2440MHz_TnomVmin

19/05/2026

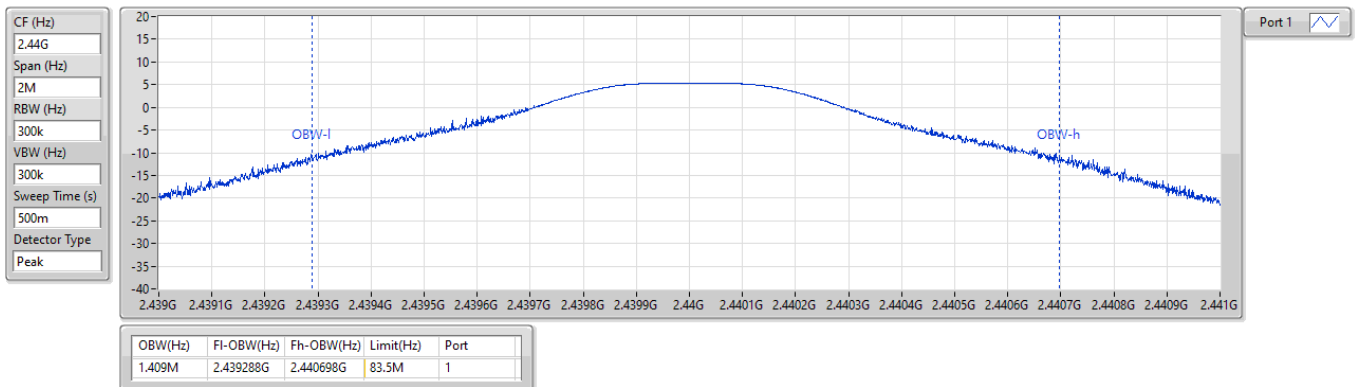


2.4-2.4835GHz_GFSK

OBW-DTS

2440MHz_TnomVmax

19/05/2026



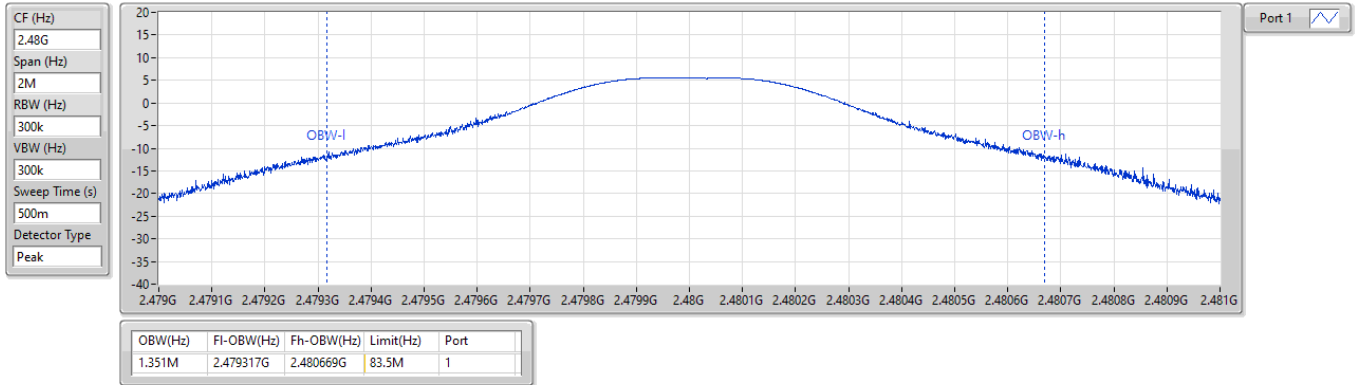


2.4-2.4835GHz_GFSK

OBW-DTS

2480MHz_TnomVnom

19/05/2026

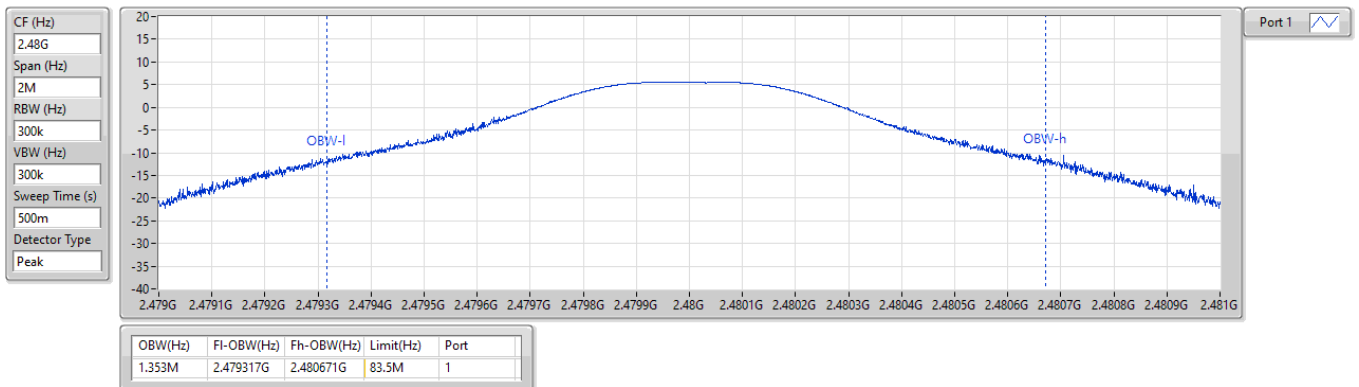


2.4-2.4835GHz_GFSK

OBW-DTS

2480MHz_TnomVmin

19/05/2026



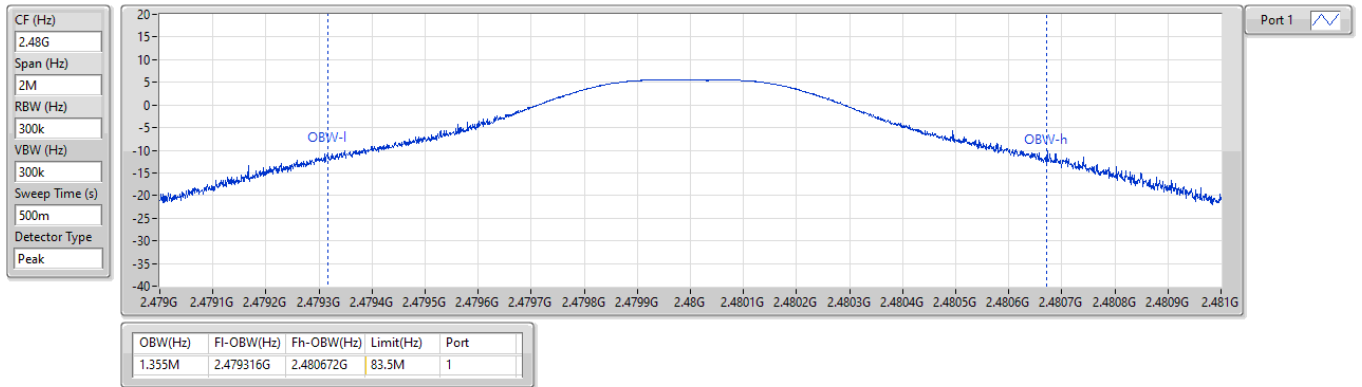


2.4-2.4835GHz_GFSK

OBW-DTS

2480MHz_TnomVmax

19/05/2026





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	-	-	-	-	-	-	-	-	-
GFSK	Pass	2.4965G	12.5G	1M	12.00983G	-31.04	0.78705	-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)
GFSK	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	2.387G	1M	2.14607G	-50.65	0.00861	-26.02	2.5
2402MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39999G	-29.44	1.13763	-16.02	25
2402MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49416G	-51.95	0.00638	-16.02	25
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4.80387G	-31.61	0.69024	-26.02	2.5
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	7.20659G	-47.75	0.01679	-26.02	2.5
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	9.60805G	-33.46	0.45082	-26.02	2.5
2402MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.01014G	-31.57	0.69663	-26.02	2.5
2402MHz_TnomVmin	Pass	30M	2.387G	1M	2.14607G	-50.80	0.00832	-26.02	2.5
2402MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39993G	-29.65	1.08393	-16.02	25
2402MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.49224G	-52.13	0.00612	-16.02	25
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	4.80387G	-31.76	0.66681	-26.02	2.5
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	7.20627G	-47.68	0.01706	-26.02	2.5
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	9.60774G	-33.33	0.46452	-26.02	2.5
2402MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.00983G	-31.04	0.78705	-26.02	2.5
2402MHz_TnomVmax	Pass	30M	2.387G	1M	2.14607G	-50.85	0.00822	-26.02	2.5
2402MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.4G	-29.38	1.15345	-16.02	25
2402MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48911G	-52.22	0.006	-16.02	25
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	4.80387G	-31.35	0.73282	-26.02	2.5
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	7.20502G	-48.63	0.01371	-26.02	2.5
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	9.60805G	-34.02	0.39628	-26.02	2.5
2402MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.00983G	-31.85	0.65313	-26.02	2.5
2440MHz_TnomVnom	Pass	30M	2.387G	1M	2.18415G	-50.00	0.01	-26.02	2.5
2440MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39353G	-52.59	0.00551	-16.02	25
2440MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.49249G	-52.08	0.00619	-16.02	25
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4.87983G	-33.82	0.41495	-26.02	2.5
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	7.321G	-48.06	0.01563	-26.02	2.5
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	9.75998G	-33.75	0.4217	-26.02	2.5
2440MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.20052G	-36.36	0.23121	-26.02	2.5
2440MHz_TnomVmin	Pass	30M	2.387G	1M	2.18415G	-50.16	0.00964	-26.02	2.5
2440MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39639G	-52.41	0.00574	-16.02	25
2440MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.4885G	-52.46	0.00568	-16.02	25
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	4.87983G	-33.66	0.43053	-26.02	2.5
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	7.31975G	-47.08	0.01959	-26.02	2.5
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	9.75998G	-33.78	0.41879	-26.02	2.5
2440MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.1999G	-35.67	0.27102	-26.02	2.5
2440MHz_TnomVmax	Pass	30M	2.387G	1M	2.18408G	-50.31	0.00931	-26.02	2.5
2440MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.38975G	-52.72	0.00535	-16.02	25
2440MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48409G	-52.06	0.00622	-16.02	25
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	4.87983G	-33.90	0.40738	-26.02	2.5
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	7.32006G	-47.97	0.01596	-26.02	2.5
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	9.75998G	-33.68	0.42855	-26.02	2.5
2440MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.20021G	-37.02	0.19861	-26.02	2.5
2480MHz_TnomVnom	Pass	30M	2.387G	1M	2.22415G	-49.80	0.01047	-26.02	2.5
2480MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39485G	-52.83	0.00521	-16.02	25
2480MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48351G	-32.93	0.50933	-16.02	25
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	4.95986G	-35.42	0.28708	-26.02	2.5
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	7.43948G	-48.47	0.01422	-26.02	2.5
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	9.92035G	-33.43	0.45394	-26.02	2.5
2480MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.40028G	-39.48	0.11272	-26.02	2.5



Transmitter Spurious Emissions

Appendix D.

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
2480MHz_TnomVmin	Pass	30M	2.387G	1M	2.224G	-50.07	0.00984	-26.02	2.5
2480MHz_TnomVmin	Pass		2.387G	1M	2.39024G	-52.79	0.00526	-16.02	25
2480MHz_TnomVmin	Pass		2.4835G	1M	2.48355G	-32.59	0.55081	-16.02	25
2480MHz_TnomVmin	Pass		2.4965G	1M	4.95986G	-35.47	0.28379	-26.02	2.5
2480MHz_TnomVmin	Pass		2.4965G	1M	7.4401G	-48.14	0.01535	-26.02	2.5
2480MHz_TnomVmin	Pass		2.4965G	1M	9.92035G	-32.99	0.50234	-26.02	2.5
2480MHz_TnomVmin	Pass		2.4965G	1M	12.39997G	-40.01	0.09977	-26.02	2.5
2480MHz_TnomVmax	Pass	30M	2.387G	1M	2.22415G	-49.98	0.01005	-26.02	2.5
2480MHz_TnomVmax	Pass		2.387G	1M	2.39285G	-52.65	0.00543	-16.02	25
2480MHz_TnomVmax	Pass		2.4835G	1M	2.48352G	-32.86	0.51761	-16.02	25
2480MHz_TnomVmax	Pass		2.4965G	1M	4.95986G	-35.79	0.26363	-26.02	2.5
2480MHz_TnomVmax	Pass		2.4965G	1M	7.4401G	-47.77	0.01671	-26.02	2.5
2480MHz_TnomVmax	Pass		2.4965G	1M	9.91972G	-32.70	0.53703	-26.02	2.5
2480MHz_TnomVmax	Pass		2.4965G	1M	12.39997G	-39.56	0.11066	-26.02	2.5

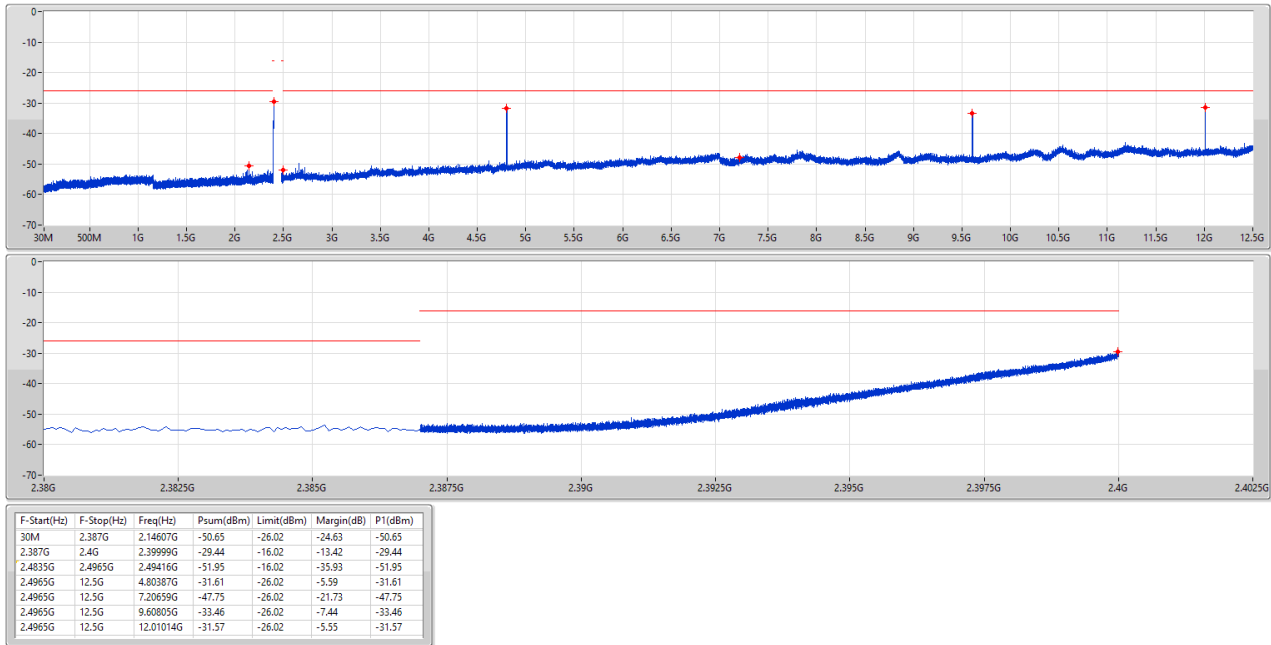


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2402MHz_TnomVnom

19/05/2026

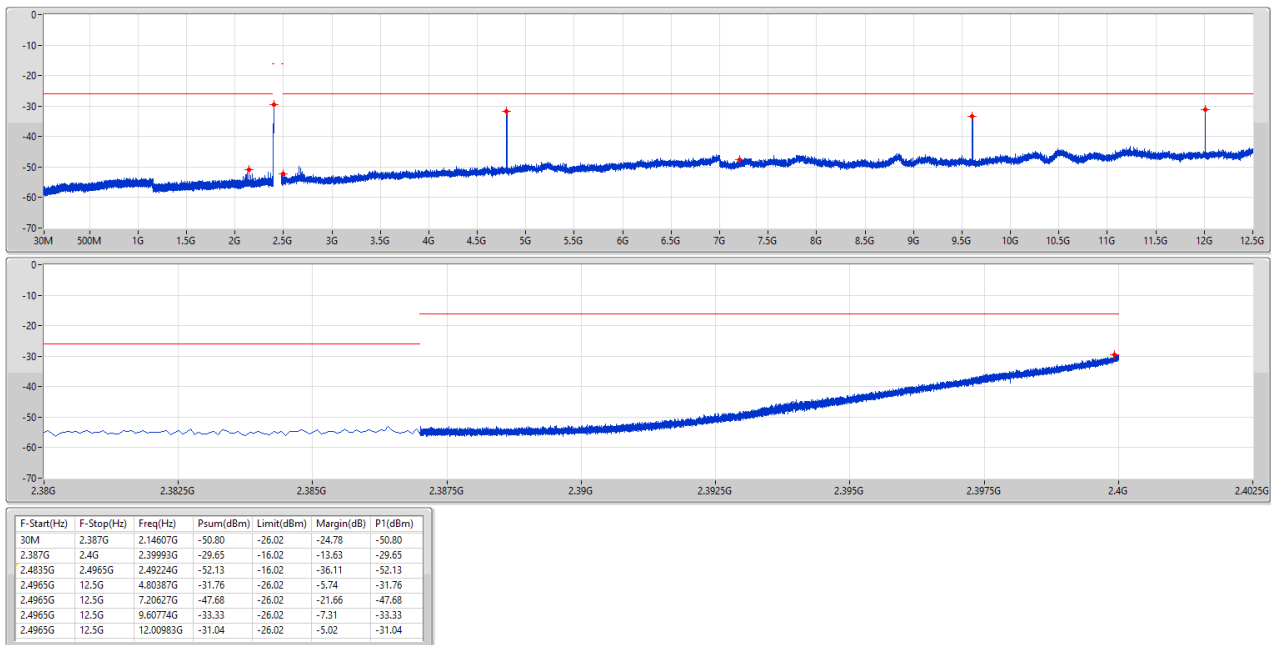


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2402MHz_TnomVmin

19/05/2026



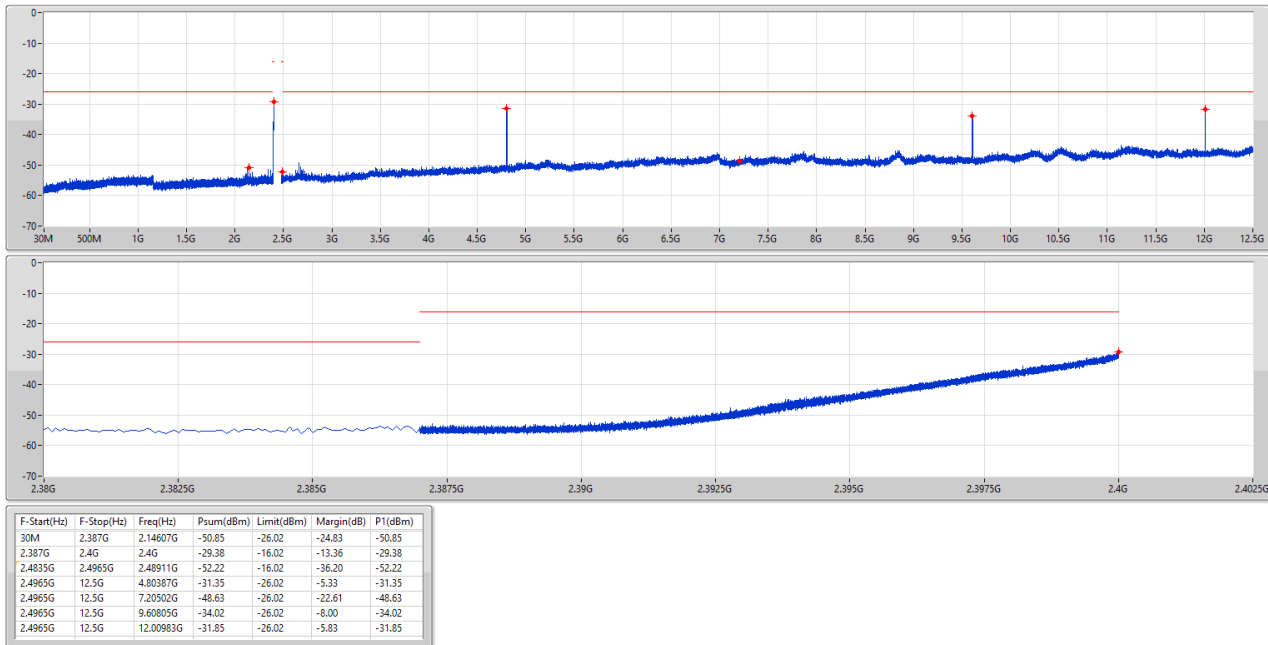


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2402MHz_TnomVmax

19/05/2026

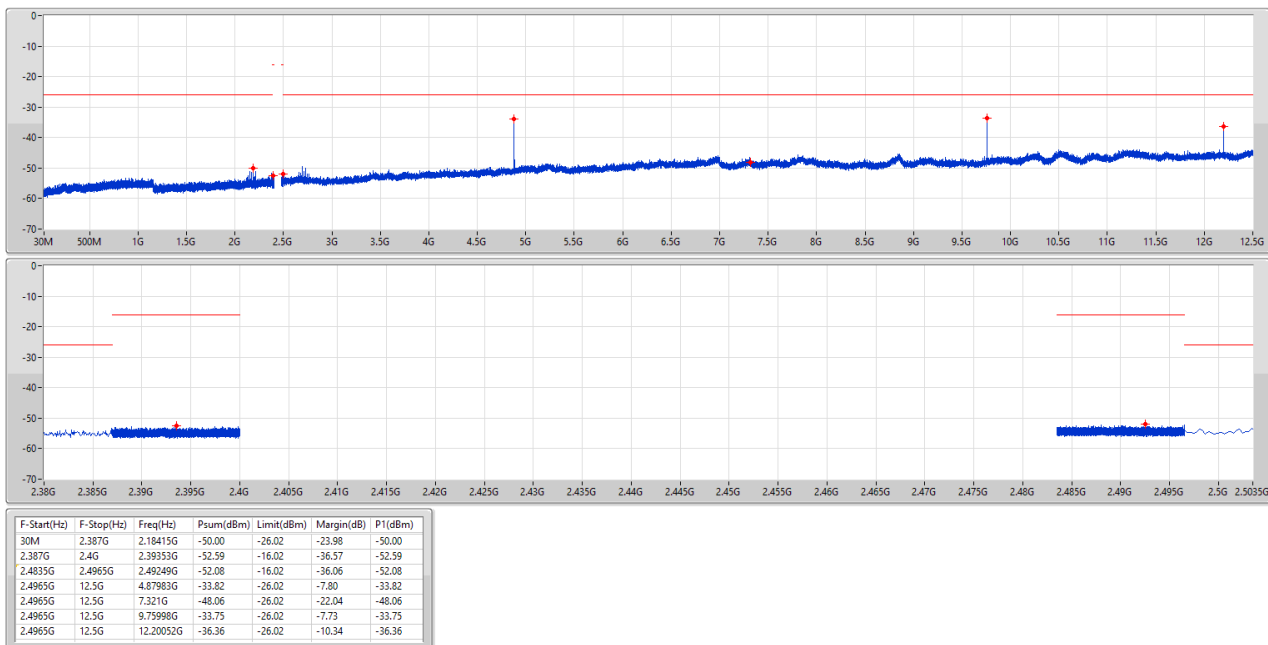


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2440MHz_TnomVnom

19/05/2026



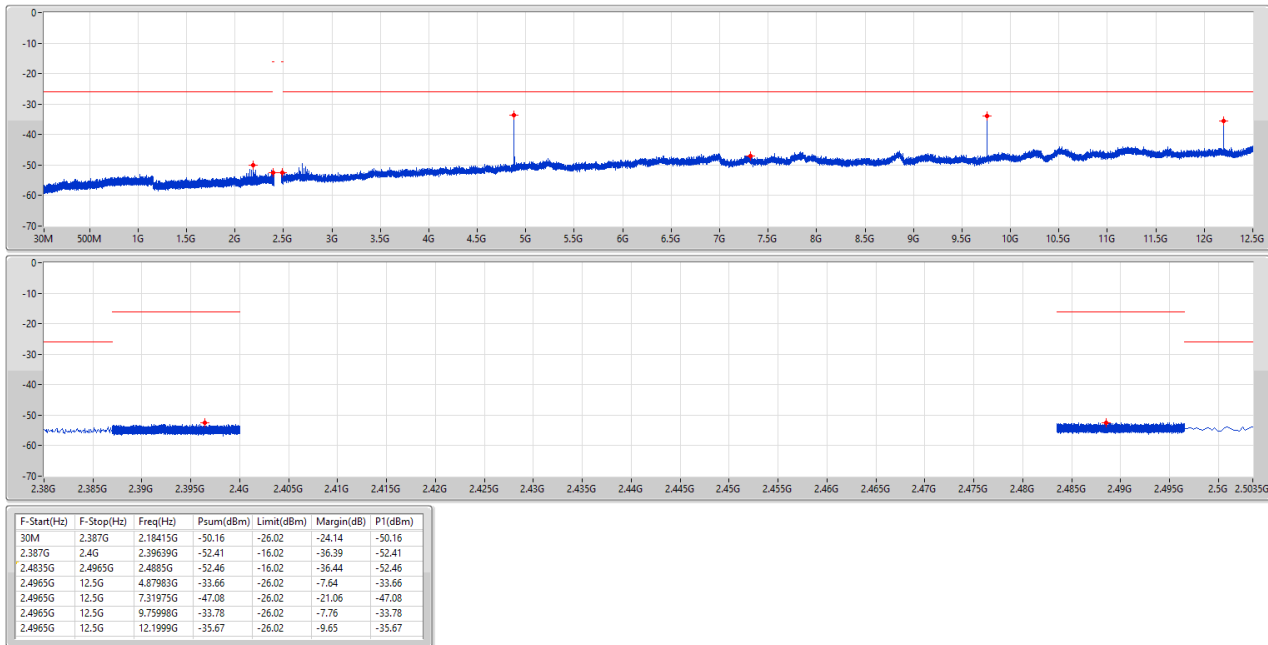


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2440MHz_TnomVmin

19/05/2026

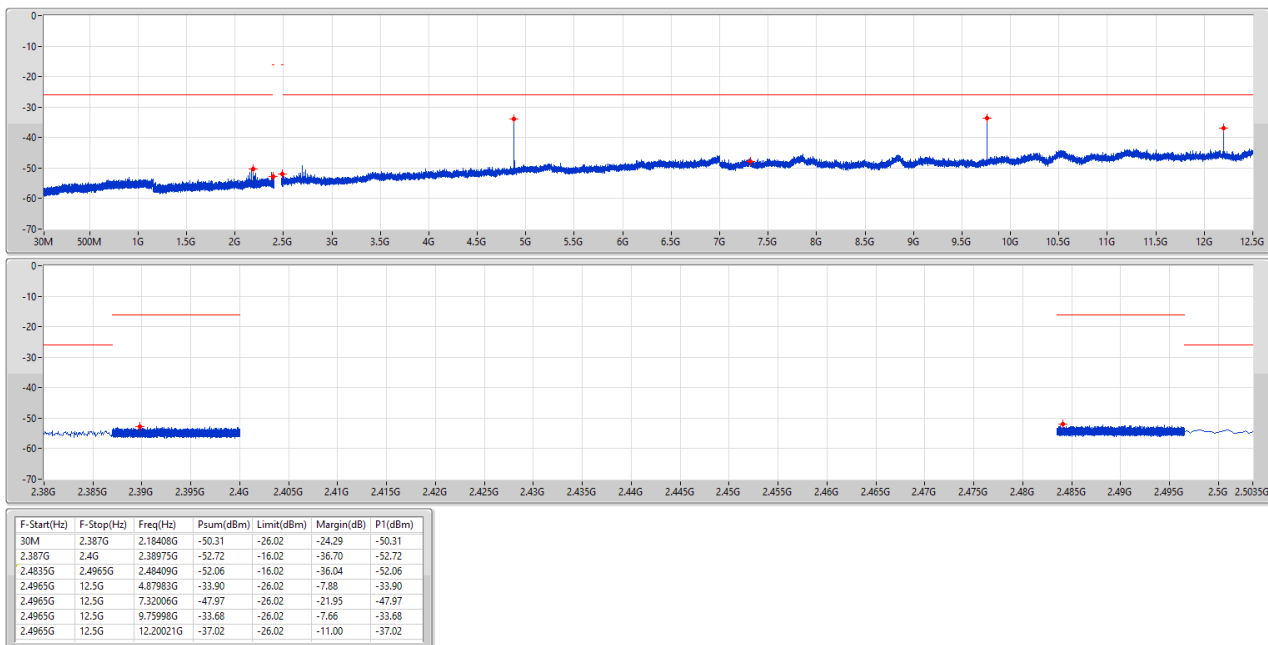


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2440MHz_TnomVmax

19/05/2026



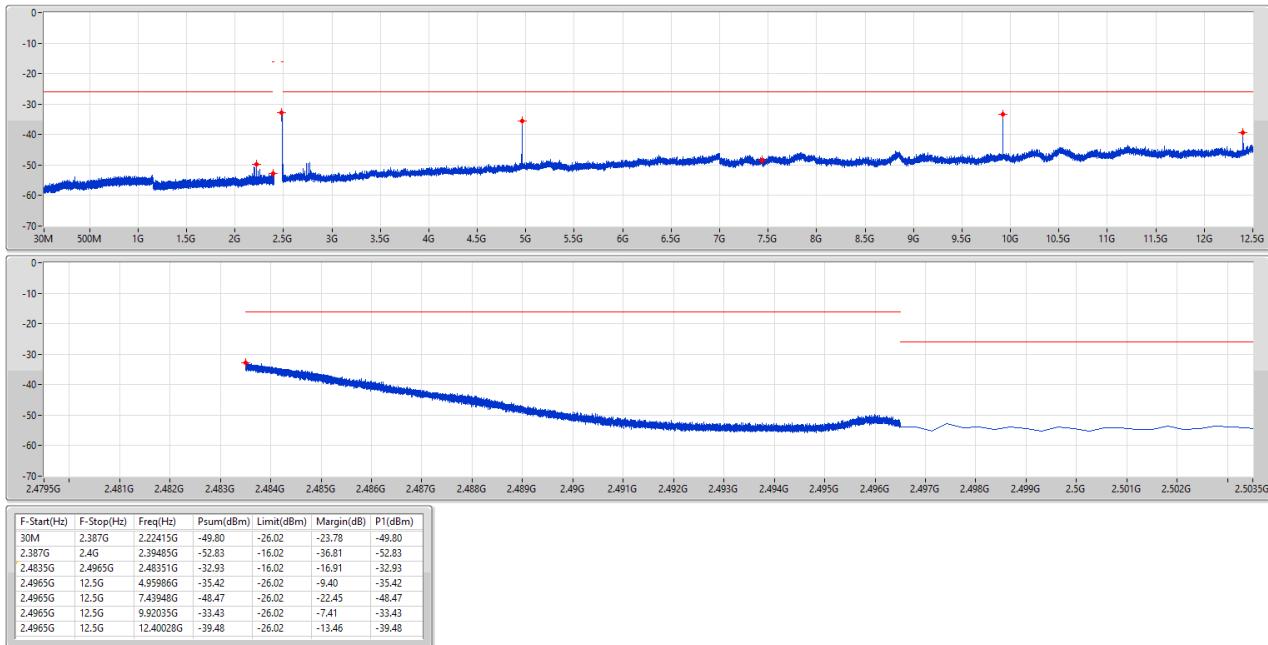


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2480MHz_TnomVnom

19/05/2026

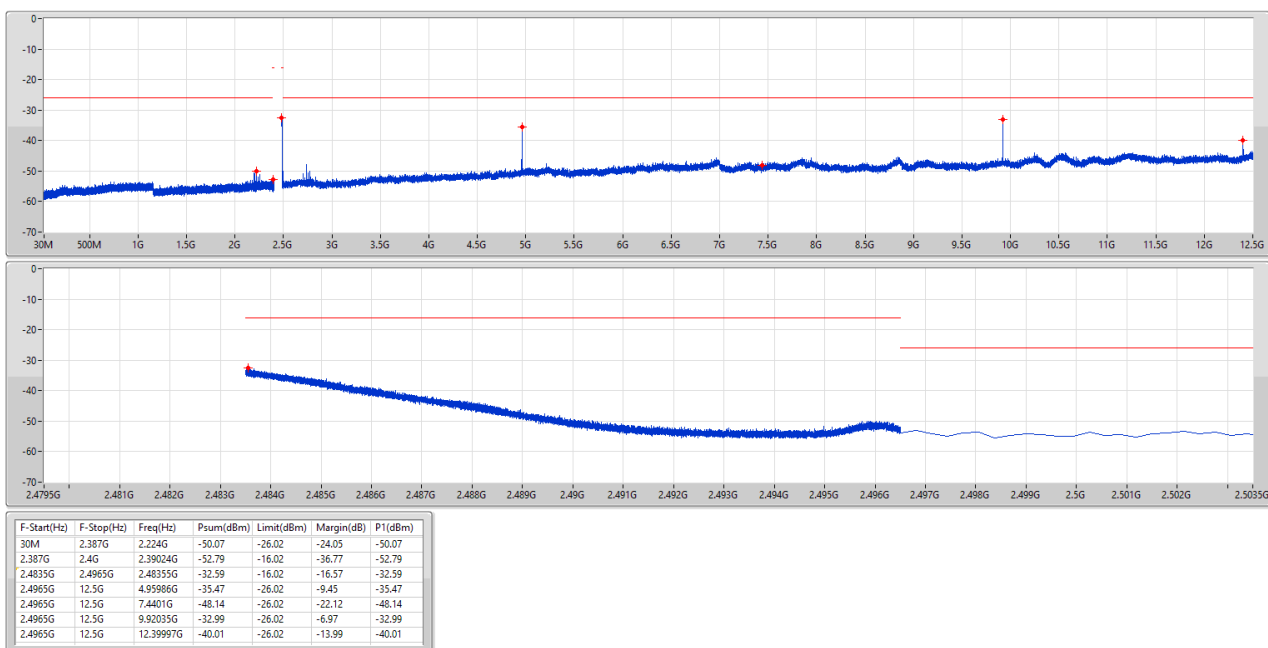


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2480MHz_TnomVmin

19/05/2026



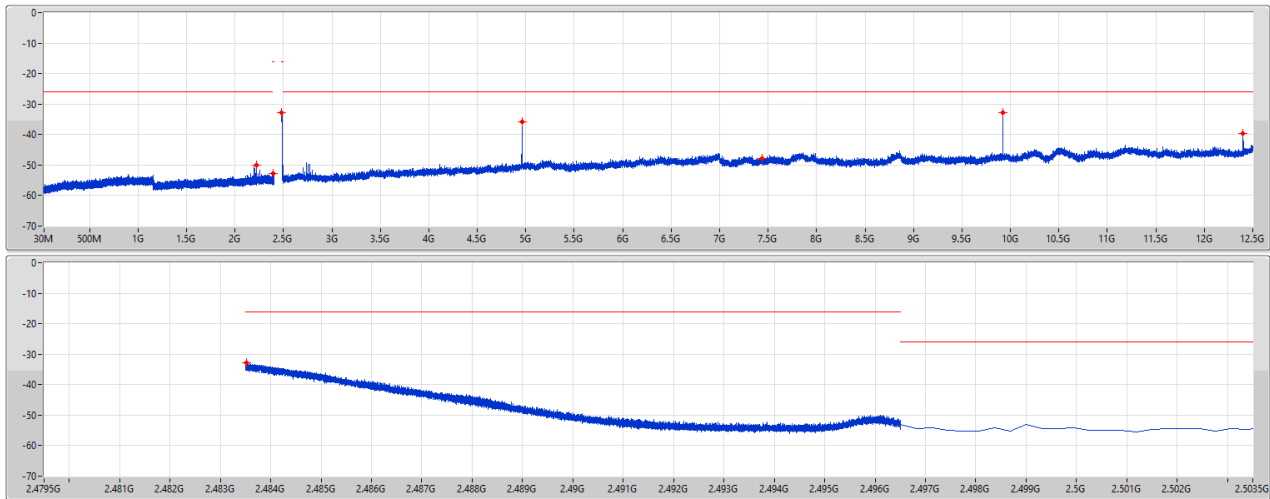


2.4-2.4835GHz_GFSK

CSE-TX-DTS

2480MHz_TnomVmax

19/05/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	2.387G	2.22415G	-49.98	-26.02	-23.96	-49.98
2.387G	2.4G	2.39285G	-52.65	-16.02	-36.63	-52.65
2.4835G	2.4965G	2.48352G	-32.86	-16.02	-16.84	-32.86
2.4965G	12.5G	4.95986G	-35.79	-26.02	-9.77	-35.79
2.4965G	12.5G	7.4401G	-47.77	-26.02	-21.75	-47.77
2.4965G	12.5G	9.91972G	-32.70	-26.02	-6.68	-32.70
2.4965G	12.5G	12.39997G	-39.56	-26.02	-13.54	-39.56

**Summary**

Mode	Result	MAC (ID Length)	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
GFSK	Pass	48 bits	48 bits	Good

Result

Mode	Result	MAC (ID Length)	ID Limit	Function
GFSK	-	-	-	-
2402MHz_TnomVnom	Pass	48 bits	48 bits	Good
2402MHz_TnomVmin	Pass	48 bits	48 bits	Good
2402MHz_TnomVmax	Pass	48 bits	48 bits	Good
2440MHz_TnomVnom	Pass	48 bits	48 bits	Good
2440MHz_TnomVmin	Pass	48 bits	48 bits	Good
2440MHz_TnomVmax	Pass	48 bits	48 bits	Good
2480MHz_TnomVnom	Pass	48 bits	48 bits	Good
2480MHz_TnomVmin	Pass	48 bits	48 bits	Good
2480MHz_TnomVmax	Pass	48 bits	48 bits	Good

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	-	-	-	-	-	-	-	-	-
GFSK	Pass	1G	12.5G	1M	2.39905G	-63.20	0.47863	-46.99	20

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
GFSK	-	-	-	-	-	-	-	-	-
2402MHz_TnomVnom	Pass	30M	1G	100k	109.81M	-85.62	0.00274	-53.98	4
2402MHz_TnomVnom	Pass	1G	12.5G	1M	2.39869G	-63.32	0.46559	-46.99	20
2402MHz_TnomVmin	Pass	30M	1G	100k	113.81M	-84.99	0.00317	-53.98	4
2402MHz_TnomVmin	Pass	1G	12.5G	1M	2.39869G	-63.35	0.46238	-46.99	20
2402MHz_TnomVmax	Pass	30M	1G	100k	92.23M	-85.83	0.00261	-53.98	4
2402MHz_TnomVmax	Pass	1G	12.5G	1M	2.39869G	-63.33	0.46452	-46.99	20
2440MHz_TnomVnom	Pass	30M	1G	100k	113.87M	-85.20	0.00302	-53.98	4
2440MHz_TnomVnom	Pass	1G	12.5G	1M	2.39905G	-63.33	0.46452	-46.99	20
2440MHz_TnomVmin	Pass	30M	1G	100k	121.67M	-84.98	0.00318	-53.98	4
2440MHz_TnomVmin	Pass	1G	12.5G	1M	2.39905G	-63.25	0.47315	-46.99	20
2440MHz_TnomVmax	Pass	30M	1G	100k	92.23M	-84.78	0.00333	-53.98	4
2440MHz_TnomVmax	Pass	1G	12.5G	1M	2.39905G	-63.30	0.46774	-46.99	20
2480MHz_TnomVnom	Pass	30M	1G	100k	113.78M	-85.13	0.00307	-53.98	4
2480MHz_TnomVnom	Pass	1G	12.5G	1M	2.39905G	-63.20	0.47863	-46.99	20
2480MHz_TnomVmin	Pass	30M	1G	100k	92.23M	-85.02	0.00315	-53.98	4
2480MHz_TnomVmin	Pass	1G	12.5G	1M	2.39905G	-63.33	0.46452	-46.99	20
2480MHz_TnomVmax	Pass	30M	1G	100k	92.23M	-85.33	0.00293	-53.98	4
2480MHz_TnomVmax	Pass	1G	12.5G	1M	2.39905G	-63.38	0.4592	-46.99	20

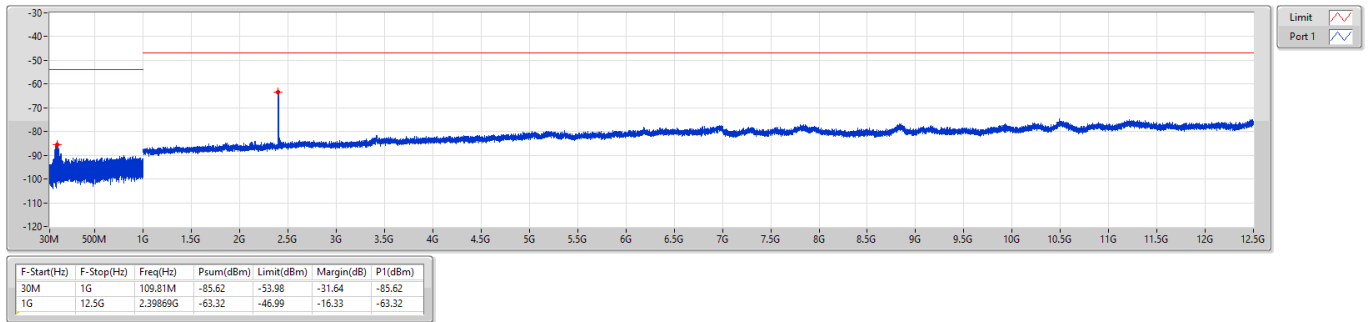


2.4-2.4835GHz_GFSK

CSE-RX-DTS

2402MHz_TnomVnom

19/05/2026

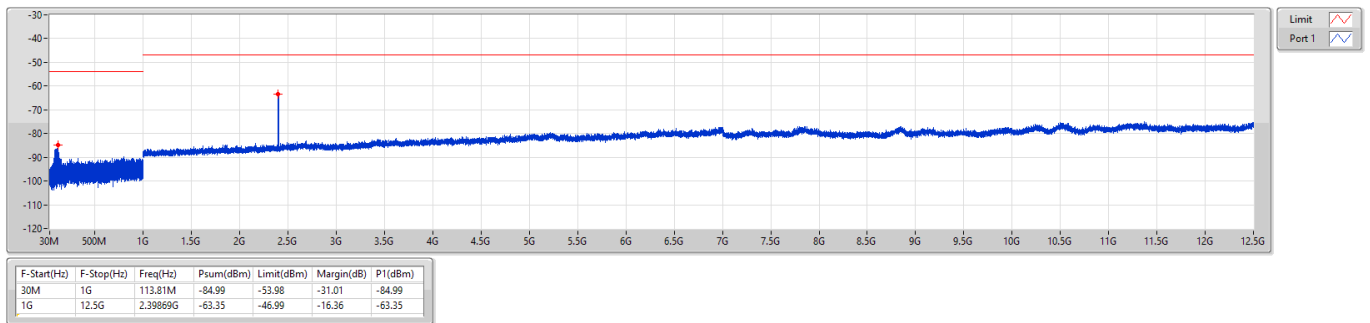


2.4-2.4835GHz_GFSK

CSE-RX-DTS

2402MHz_TnomVmin

19/05/2026



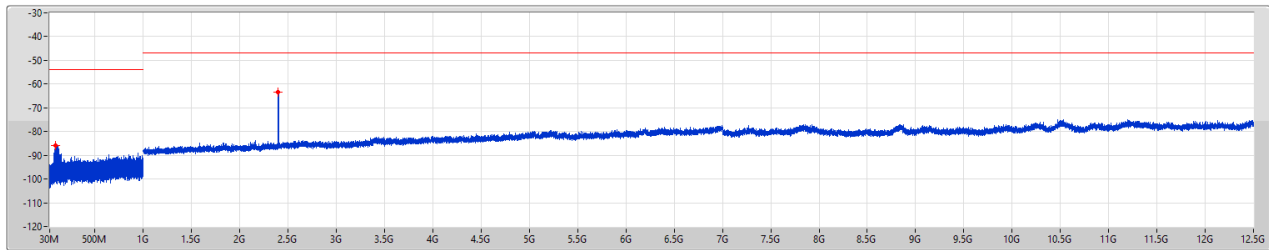


2.4-2.4835GHz_GFSK

CSE-RX-DTS

2402MHz_TnomVmax

19/05/2026



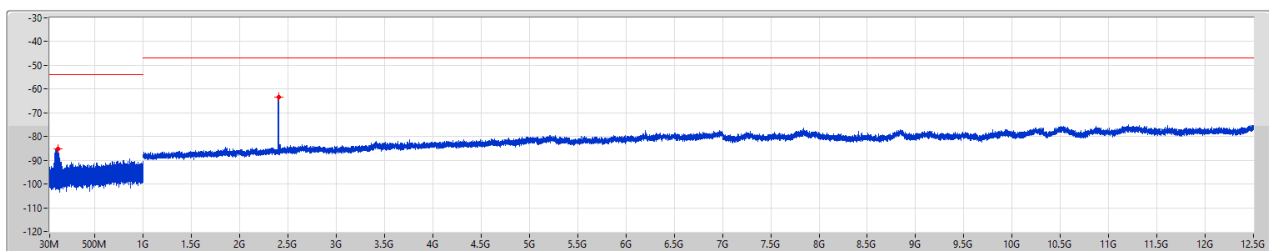
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	92.23M	-85.83	-53.98	-31.85	-85.83
1G	12.5G	2.39869G	-63.33	-46.99	-16.34	-63.33

2.4-2.4835GHz_GFSK

CSE-RX-DTS

2440MHz_TnomVnom

19/05/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	113.87M	-85.20	-53.98	-31.22	-85.20
1G	12.5G	2.39905G	-63.33	-46.99	-16.34	-63.33

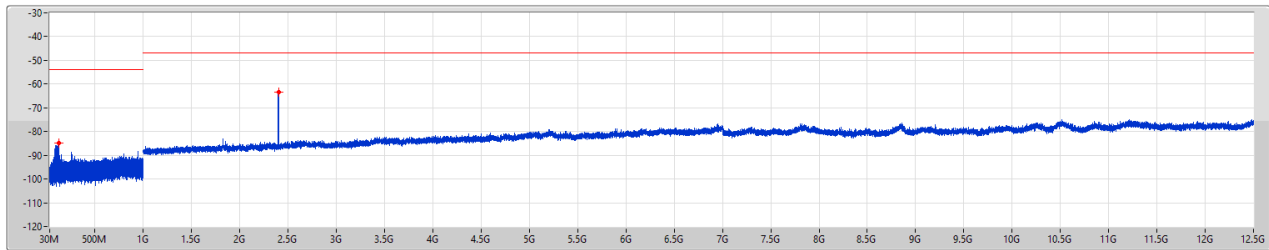


2.4-2.4835GHz_GFSK

CSE-RX-DTS

2440MHz_TnomVmin

19/05/2026



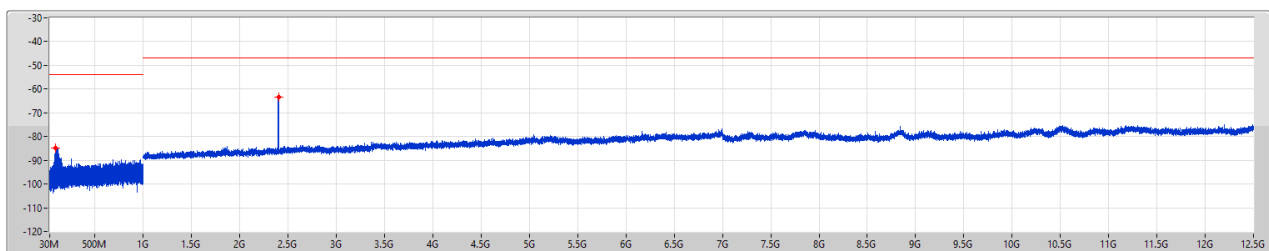
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	121.67M	-84.98	-53.98	-31.00	-84.98
1G	12.5G	2.39905G	-63.25	-46.99	-16.26	-63.25

2.4-2.4835GHz_GFSK

CSE-RX-DTS

2440MHz_TnomVmax

19/05/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	92.23M	-84.78	-53.98	-30.80	-84.78
1G	12.5G	2.39905G	-63.30	-46.99	-16.31	-63.30

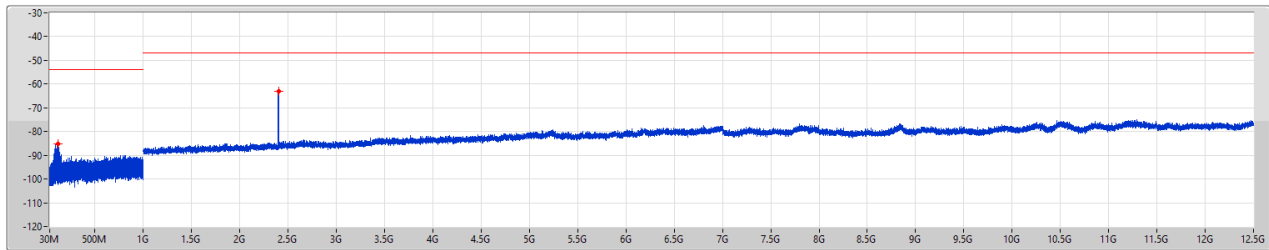


2.4-2.4835GHz_GFSK

CSE-RX-DTS

2480MHz_TnomVnom

19/05/2026



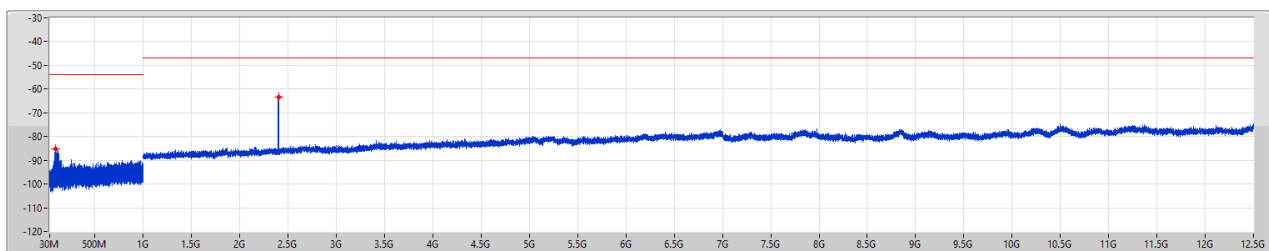
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	113.78M	-85.13	-53.98	-31.15	-85.13
1G	12.5G	2.39905G	-63.20	-46.99	-16.21	-63.20

2.4-2.4835GHz_GFSK

CSE-RX-DTS

2480MHz_TnomVmin

19/05/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	92.23M	-85.02	-53.98	-31.04	-85.02
1G	12.5G	2.39905G	-63.33	-46.99	-16.34	-63.33

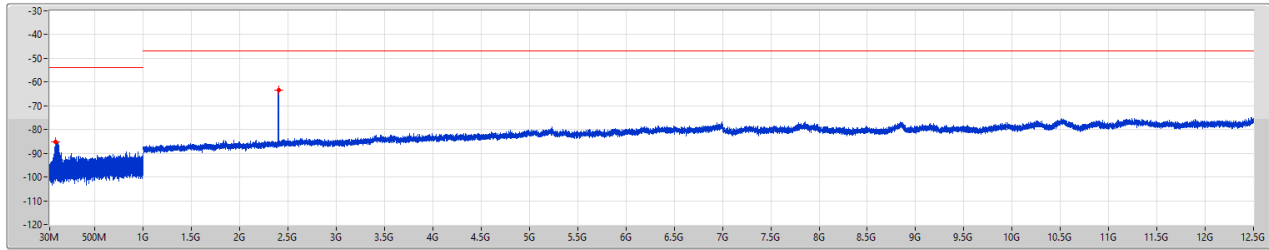


2.4-2.4835GHz_GFSK

CSE-RX-DTS

2480MHz_TnomVmax

19/05/2026



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	92.23M	-85.33	-53.98	-31.35	-85.33
1G	12.5G	2.39905G	-63.38	-46.99	-16.39	-63.38