

TEST REPORT

Applicant Name: SHENZHEN EMEET TECHNOLOGY CO., LTD.
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Report Number: 2601Q16390E-RF-07

Test Standard (s)

Item 19 of Article 2 Paragraph 1

Sample Description

Product Type: EMEET Remote Control R7, EMEET Remote Control R7 E, EMEET Remote Control R7 X
Model No.: E5002
Multiple Model(s) No.: E5003, E5004
Trade Name: N/A
Date Received: 2026/03/02
Issue Date: 2026/04/07

Test Result:

Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

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Ekko Wu
RF Engineer

Approved By:

Nancy Wang

Nancy Wang
RF Supervisor

Note: The information marked * is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.
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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2601Q16390E-RF-07	Original Report	2026/04/07

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product		EMEET Remote Control R7, EMEET Remote Control R7 E, EMEET Remote Control R7 X
Tested Model		E5002
Multiple Model(s)		E5003, E5004
Technical Parameters	Modulation Type	GFSK
	Frequency Range	2402-2480MHz
	Rated Output Power	0.25mW
	Antenna Gain [#]	-0.93dBi (It is provided by the applicant)
Normal Power Supply		DC 3V from battery
Sample serial number		3HTC-13 (Assigned by Applicant)
Sample/EUT Status		Good condition
Adapter Information		N/A
Note: The Multiple models are electrically identical with the test model except for product name, model name and different with the names of distribution chains. Please refer to the declaration letter [#] for more detail, which was provided by manufacturer.		

Objective

The objective of the manufacturer is to demonstrate compliance with Certification Ordinance Article 2-1-19, rules and limits for this device including:

- Frequency Error
- Occupied Bandwidth and Spreading Bandwidth
- Transmitter Spurious Emission and Unwanted Emission Intensity
- Antenna Output Power And Output Power Tolerance
- Interference Prevention Function
- Construction Protection Confirmation

Test Method

MIC Notice No.88 of Jan. 26, 2004, Appendix No.43

Measurement Uncertainty

Item	Expanded Measurement uncertainty
Frequency Error	81.235Hz(k=1.96, 95% level of confidence)
Occupied Channel Bandwidth	52.29kHz(k=1.96, 95% level of confidence)
RF output power, conducted	1.57dB(k=1.96, 95% level of confidence)
Unwanted Emission, conducted	2.48dB(k=1.96, 95% level of confidence)
Temperature	$\pm 0.4^{\circ}\text{C}$
Supply voltages	DC $\pm 0.4\%$; AC $\pm 1\%$
Time	$\pm 1\%$

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

Each test item follows test standards and with no deviation.

EUT TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in a testing mode which was selected by applicant.

Frequency List[#]

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

EUT was tested with Channel 0, 19 and 39.

Test voltage:

Low voltage: 2.7V_{DC}

Normal voltage: 3.0V_{DC}

High voltage: 3.3V_{DC}

EUT Exercise Software

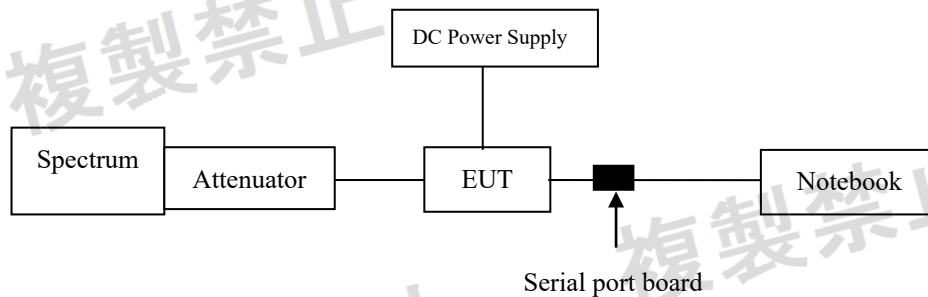
“BT-Tool-v1.1.4.exe”[#] exercise software was used and the power level is 5[#]. The software and power level was provided by the applicant.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Dell	Notebook	Latitude E6520	DL0ZCS1
instek	DC Power Supply	GPS-3030DD	EM832096

External I/O Cable

Cable Description	Length (m)	From/Port	To
Shielded Detachable USB cable	1.0	Serial port board	Notebook
Unshielded Detachable DC cable	0.5	DC Power Supply	EUT

Configuration of Test Setup

SUMMARY OF TEST RESULTS

MIC Notice No.88 Appendix No.43 Article 2, Paragraph 1, Item 19	Description of Test	Result
1	Frequency Error	Compliant
2	Occupied Bandwidth	Compliant
3	Transmitter Spurious Emission and Unwanted Emission Intensity	Compliant
4	Antenna Output Power and Output Power Tolerance	Compliant
5	Receiver Spurious Emission and Unwanted Emission Intensity	Not Applicable***
6	Transmission Antenna Gain	Not Applicable
7	Carrier sense capability	Not Applicable**
8	Transmission Radiation Angle Width	Not Applicable
9	Frequency Hopping Dwell Time	Not Applicable*
10	Interference Prevention Function	Compliant
11	Construction Protection Confirmation	Compliant

Not Applicable* -Testing is only required for FHSS system devices.

Not Applicable**-The OBW of EUT is less than 26MHz.

Not Applicable - This test item was not required for the output power less than 12.14 dBm (E.I.R.P).

Not Applicable*** - The EUT only support the transmit function.

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	Calibration Authority	Calibration Method
Rohde & Schwarz	Spectrum Analyzer	FSV40-N	102259	2025/09/01	2026/08/31	CCIC	c)
ANRITSU	Microwave peak power sensor	MA24418A	12622	2025/09/01	2026/08/31	CCIC	c)
Keysight	MXG Vector Signal Generator	N5182B	MY53051503	2025/09/18	2026/09/17	CCIC	c)
JD	JD Auto Test software	NA	1.0.0.3769	NCR	NCR	/	/
instek	DC Power Supply	GPS-3030DD	EM832096	NCR	NCR	/	/
Fluke	Digital Multimeter	287	19000011	2025/04/29	2026/04/28	BACL Cal	c)
Unknown	10dB Attenuator	Unknown	F-03-EM190	2025/06/26	2026/06/25	BACL SZ	d)

Note: 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)

b) Correction 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)

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

FREQUENCY ERROR

Limit

50 ppm or below

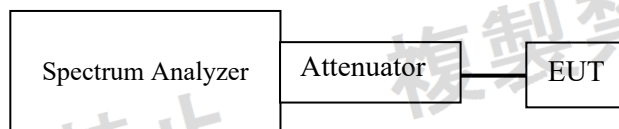
Test Procedure

Set the EUT to the measurement frequency without modulation.

Setting of SA is following as: RB: 1 kHz / VB: 3 kHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.

Record the peak spot frequency.

If the EUT can't set at un-modulation mode, measure the 10dBc center frequency.



Test Data

Environmental Conditions

Temperature:	24.2~25 °C
Relative Humidity:	52~53 %
ATM Pressure:	100.9 kPa

The testing was performed by Ciel Jiang on 2026-03-11 and 2026-04-01.

Test Mode: Transmitting

Test Result: Compliant

Normal Voltage

Frequency (MHz)	Measure frequency (MHz)	Frequency tolerance (ppm)	Limit (ppm)
2402	2401.99175	-3.43	± 50
2440	2439.99175	-3.38	
2480	2479.99145	-3.45	

Low Voltage

Frequency (MHz)	Measure frequency (MHz)	Frequency tolerance (ppm)	Limit (ppm)
2402	2401.99265	-3.06	± 50
2440	2439.99265	-3.01	
2480	2479.99265	-2.96	

High Voltage

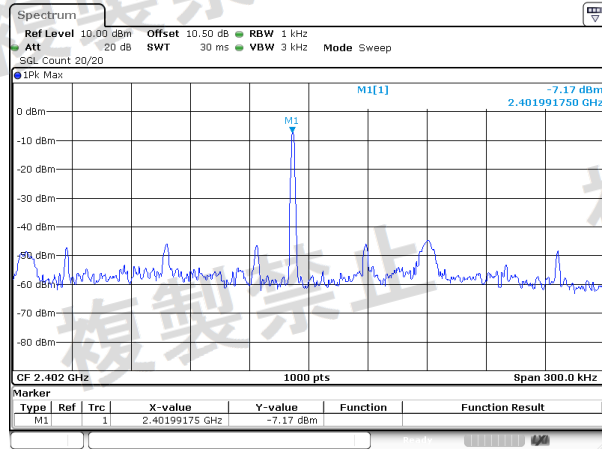
Frequency (MHz)	Measure frequency (MHz)	Frequency tolerance (ppm)	Limit (ppm)
2402	2401.99265	-3.06	± 50
2440	2439.99265	-3.01	
2480	2479.99265	-2.96	

Note: Frequency tolerance = (Measure Frequency-Center Frequency)*10%/Center Frequency

Please refer to the following plots:

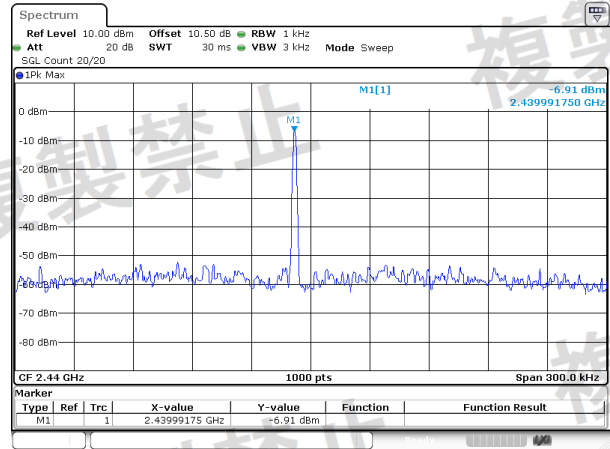
Test Condition: NV

2402MHz



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 13:05:18

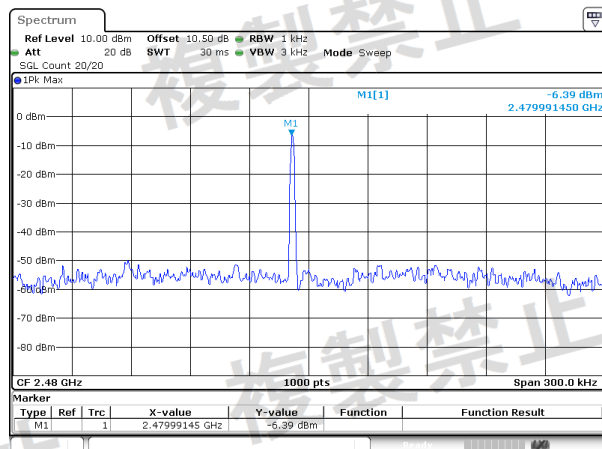
2440MHz



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Date: 11.MAR.2026 13:05:14

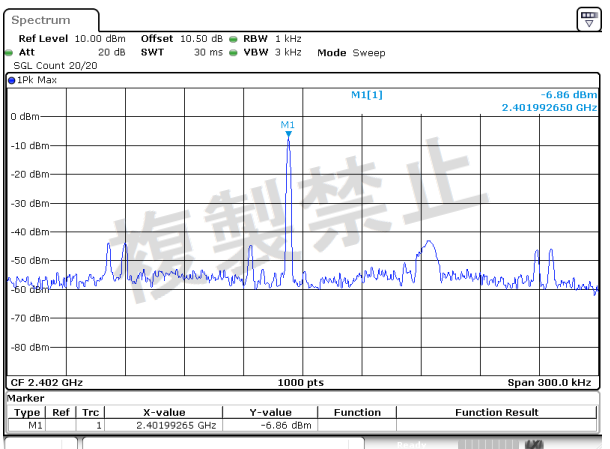
Test Condition: LV

2480MHz



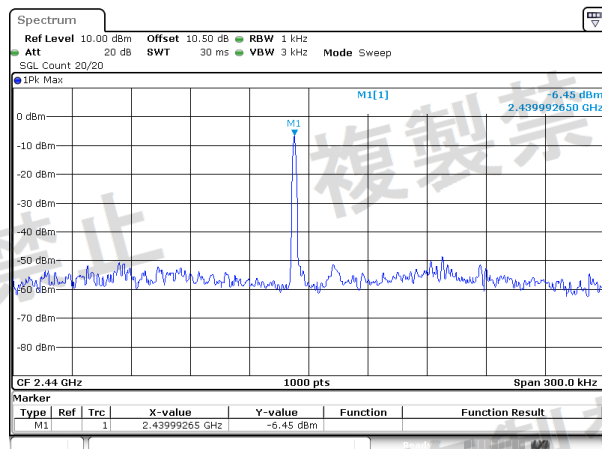
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Date: 11.MAR.2026 13:06:12

2402MHz



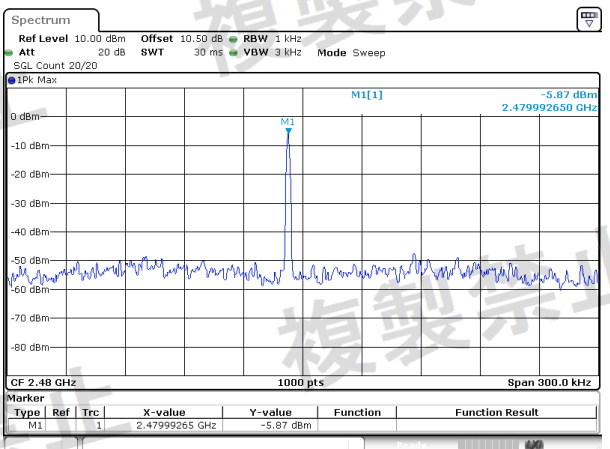
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:14:43

2440MHz



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:15:10

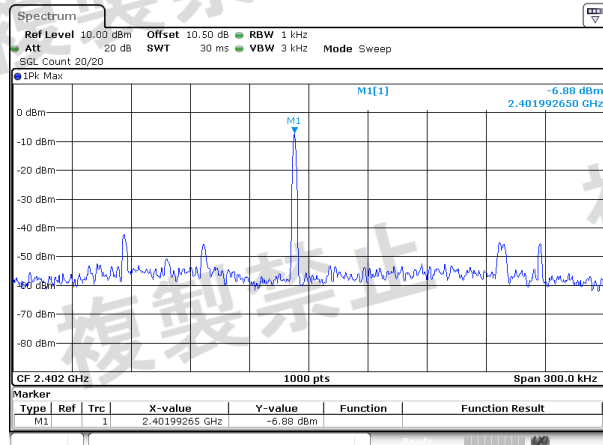
2480MHz



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:15:30

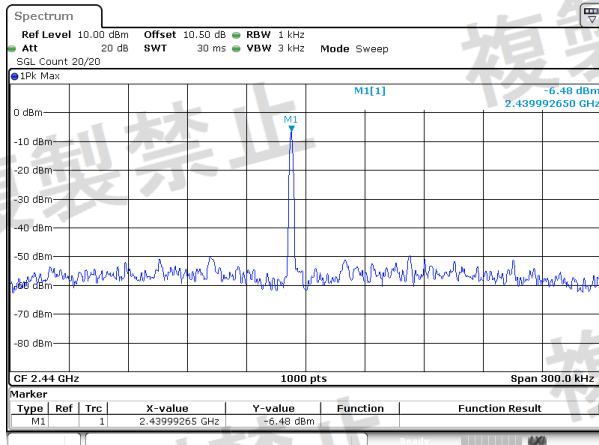
Test Condition: HV

2402MHz



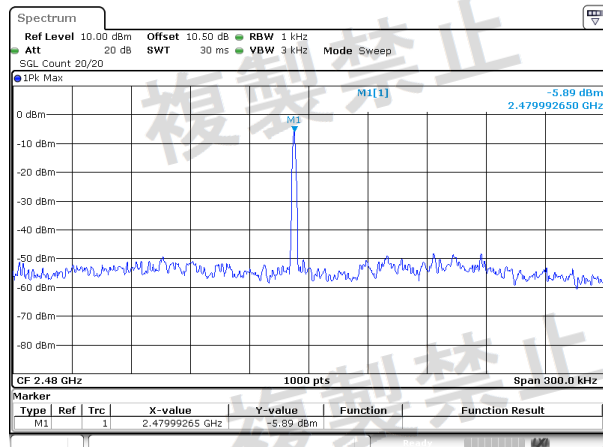
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:38:27

2440MHz



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:38:43

2480MHz



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:38:59

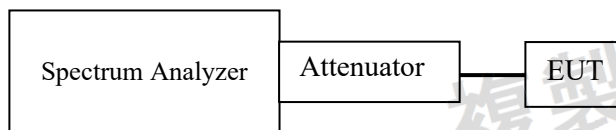
OCCUPIED BANDWIDTH

Limit

- Occupied bandwidth: FH $\leq$ 83.5 MHz; OFDM, DS $\leq$ 26 MHz; Others $\leq$ 26 MHz

Test Procedure

- Setting of SA is following as:
 - Center Frequency: Frequency to measure
 - RBW: 30 kHz, VBW: 30 kHz
 - Span: (OBW limit * 3) MHz (example; 10MHz)
 - Sweep time: Auto
 - Log scale: 10dB/Div, Data points: 400 points or more
 - Reference level: Enough level for maximum dynamic range
 - Detection: Positive Peak
 - Sweep mode: Continuous Sweep
 - Marker: Spot
- EUT have transmitted the maximum modulation signal and fixed channelize. SA set to 99% of occupied bandwidth to measure occupied bandwidth.



Test Data

Environmental Conditions

Temperature:	24.2~25 °C
Relative Humidity:	52~53 %
ATM Pressure:	100.9 kPa

The testing was performed by Ciel Jiang on 2026-03-11 and 2026-04-01.

Test Mode: Transmitting

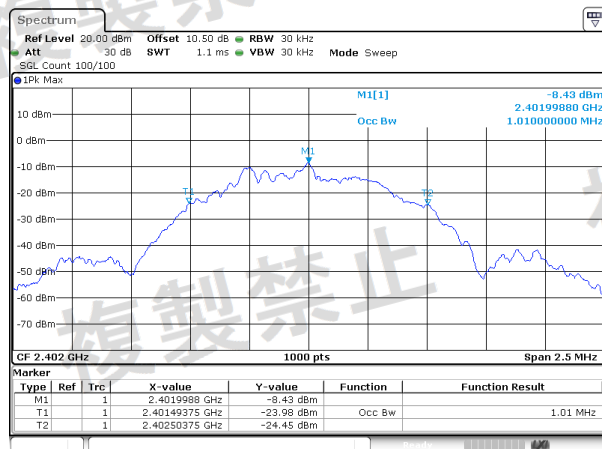
Test Result: Compliant

Mode	Voltage	Low Channel	Middle Channel	High Channel	Limit (MHz)
GFSK	Normal Voltage	1.010	1.008	1.013	≤ 26
	Low Voltage	1.005	1.013	1.01	≤ 26
	High Voltage	1.020	1.013	1.01	≤ 26

Please refer to the following plots:

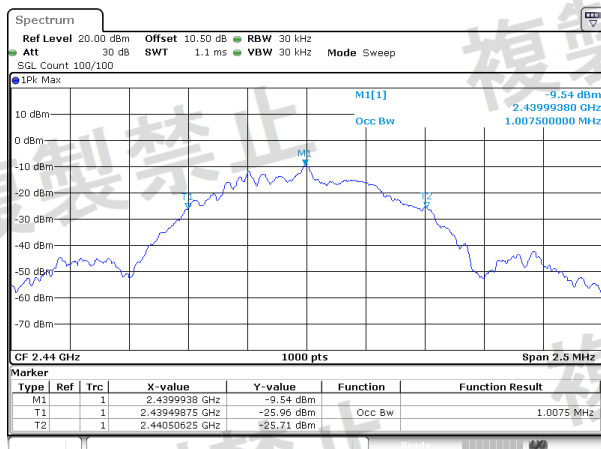
Test Condition: NV

GFSK_Low Channel



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 11:45:23

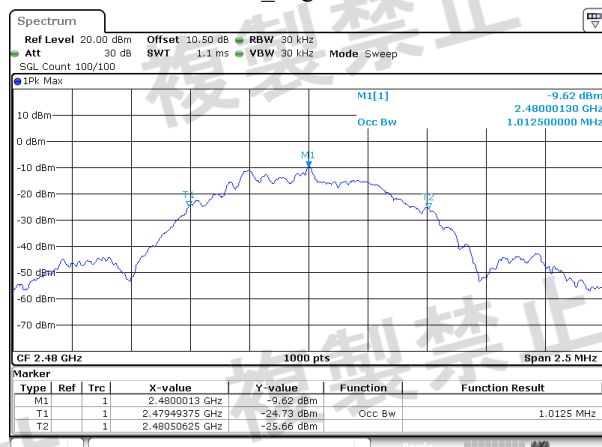
GFSK_Middle Channel



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 11:53:35

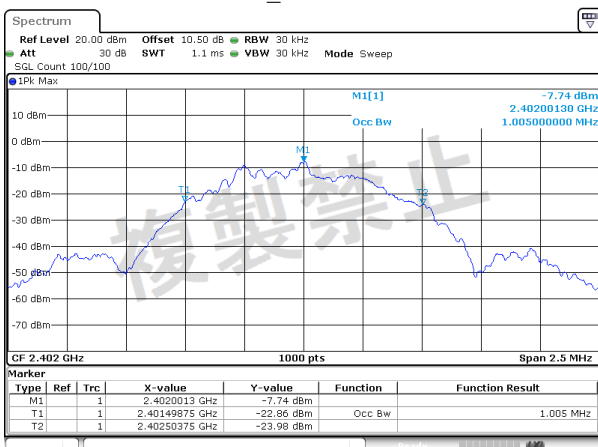
Test Condition: LV

GFSK_High Channel



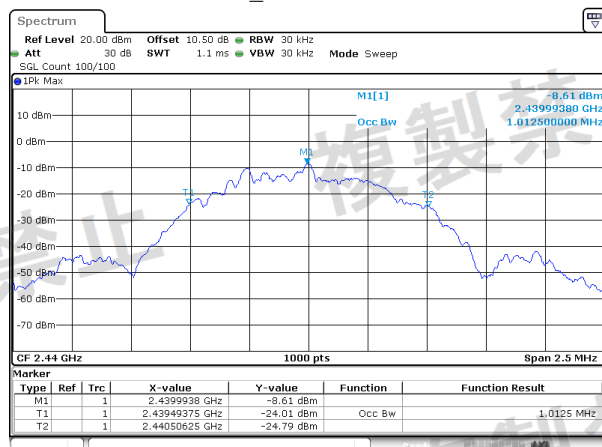
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 11:54:52

GFSK_Low Channel



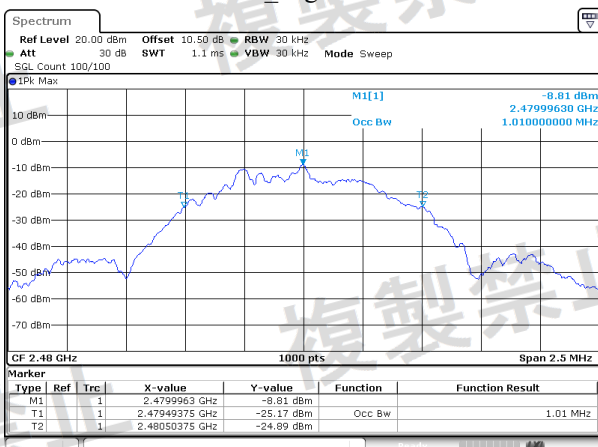
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:06:46

GFSK_Middle Channel



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:07:07

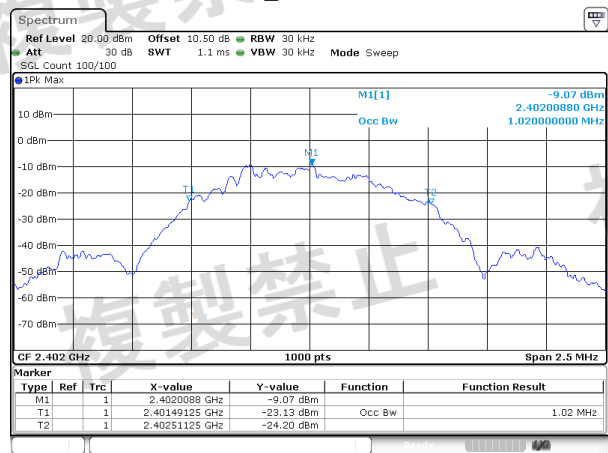
GFSK_High Channel



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:07:51

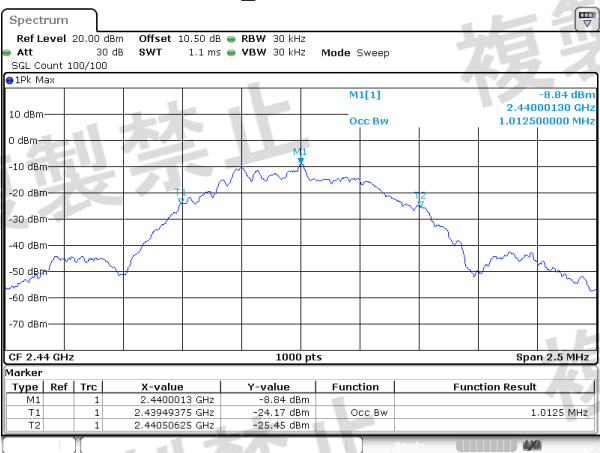
Test Condition: HV

GFSK_Low Channel



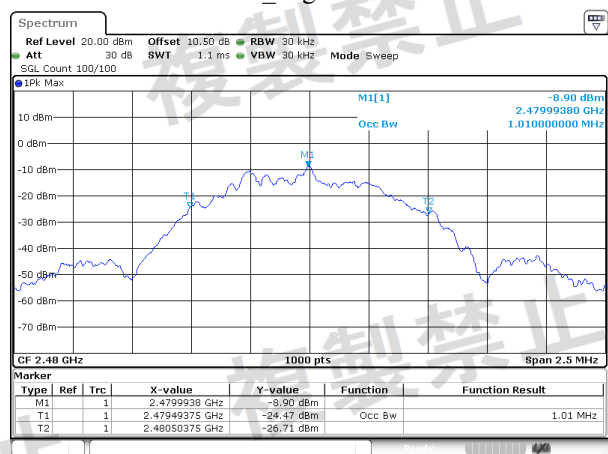
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:35:50

GFSK_Middle Channel



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:37:03

GFSK_High Channel



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:37:19

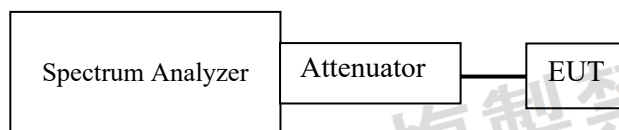
TRANSMITTER SPURIOUS EMISSION STRENGTH AND UNWANTED EMISSION INTENSITY

Limit

- $f < 2387 \text{ MHz}, f > 2496.5 \text{ MHz}: \leq 2.5 \mu\text{W/MHz}$
- $2387 \text{ MHz} \leq f \leq 2400 \text{ MHz}; 2483.5 \text{ MHz} < f \leq 2496.5 \text{ MHz}: \leq 25 \mu\text{W/MHz}$

Test Procedure

Measurement System Diagram



Conditions of Application Equipment (EUT)

- The modulation state shall be in continuously transmitting mode.

Spectrum Analyzer Conditions

- Span: Measuring Frequency Range
- RBW: 1MHz (frequency range; 1GHz over), 100kHz (frequency range; 30MHz to 1GHz)
- VBW: Same as RBW (1MHz or 100kHz)
- Sweep time: Auto (Minimum time to ensure measurement accuracy.)
- Data points : 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak

If the measured value is under the technical standard value, do not need to measure more detail.

Test Data

Environmental Conditions

Temperature:	24.2~25 °C
Relative Humidity:	52~53 %
ATM Pressure:	100.9 kPa

The testing was performed by Ciel Jiang on 2026-03-11 and 2026-04-01.

Test Result: Compliant

Test Mode: Transmitting

Normal Voltage

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start (MHz)	Stop (MHz)					
Low	Band I (100kHz)	30	1000	833.4	-40.82	0.083	0.25	Pass
	Band II (1MHz)	1000	2387	1747.25	-37.44	0.180	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9838	-37.56	0.175	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.5033	-38.11	0.155	25	Pass
	Band V (1MHz)	2496.5	12500	4804.8	-27.76	1.675	2.50	Pass
Middle	Band I (100kHz)	30	1000	781.51	-46.37	0.023	0.25	Pass
	Band II (1MHz)	1000	2387	1700.09	-37.37	0.183	2.50	Pass
	Band III (1MHz)	2387	2400	2395.3298	-37.47	0.179	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.5188	-37.13	0.194	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-31.45	0.716	2.50	Pass
High	Band I (100kHz)	30	1000	944.47	-46.33	0.023	0.25	Pass
	Band II (1MHz)	1000	2387	2241.71	-38.08	0.156	2.50	Pass
	Band III (1MHz)	2387	2400	2399.8343	-38.18	0.152	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2493.1233	-38.44	0.143	25	Pass
	Band V (1MHz)	2496.5	12500	6935.6	-31.50	0.708	2.50	Pass

Low Voltage

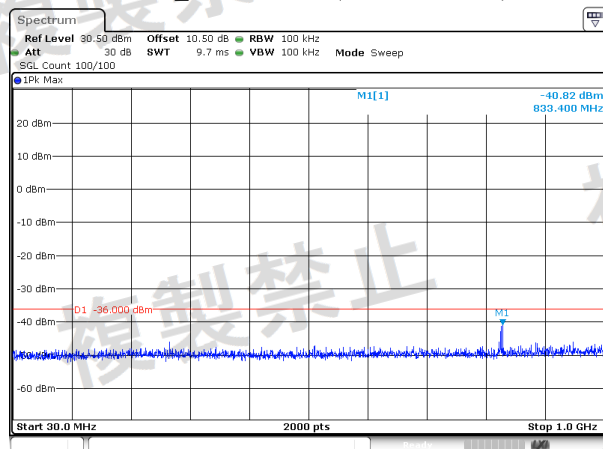
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	964.35	-45.59	0.028	0.25	Pass
	Band II (1MHz)	1000	2387	1700.78	-37.82	0.165	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9903	-36.22	0.239	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2493.0713	-37.76	0.167	25	Pass
	Band V (1MHz)	2496.5	12500	4804.8	-27.53	1.766	2.50	Pass
Middle	Band I (100kHz)	30	1000	833.4	-46.49	0.022	0.25	Pass
	Band II (1MHz)	1000	2387	1817.29	-36.83	0.207	2.50	Pass
	Band III (1MHz)	2387	2400	2396.0643	-37.41	0.182	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2496.3213	-37.89	0.163	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-29.64	1.086	2.50	Pass
High	Band I (100kHz)	30	1000	701.48	-46.86	0.021	0.25	Pass
	Band II (1MHz)	1000	2387	1698.01	-38.18	0.152	2.50	Pass
	Band III (1MHz)	2387	2400	2387.8093	-37.90	0.162	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2486.6753	-37.37	0.183	25	Pass
	Band V (1MHz)	2496.5	12500	4959.9	-30.17	0.962	2.50	Pass

High Voltage

Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μW/RBW)	Limit (μW/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	917.31	-45.63	0.027	0.25	Pass
	Band II (1MHz)	1000	2387	2132.83	-37.50	0.178	2.50	Pass
	Band III (1MHz)	2387	2400	2388.9013	-37.29	0.187	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2486.7858	-38.03	0.157	25	Pass
	Band V (1MHz)	2496.5	12500	4804.8	-27.86	1.637	2.50	Pass
Middle	Band I (100kHz)	30	1000	829.04	-41.04	0.079	0.25	Pass
	Band II (1MHz)	1000	2387	1647.38	-38.11	0.155	2.50	Pass
	Band III (1MHz)	2387	2400	2392.2553	-38.05	0.157	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2493.1103	-37.46	0.179	25	Pass
	Band V (1MHz)	2496.5	12500	4879.8	-29.59	1.099	2.50	Pass
High	Band I (100kHz)	30	1000	894.51	-46.41	0.023	0.25	Pass
	Band II (1MHz)	1000	2387	1837.4	-37.36	0.184	2.50	Pass
	Band III (1MHz)	2387	2400	2390.8708	-38.29	0.148	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.3843	-37.52	0.177	25	Pass
	Band V (1MHz)	2496.5	12500	4959.9	-30.35	0.923	2.50	Pass

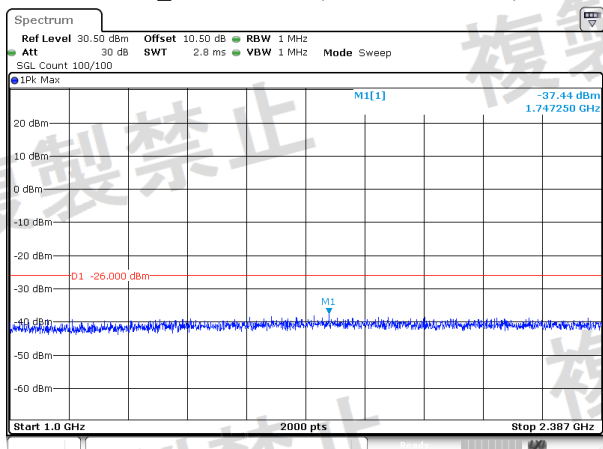
Test Condition: NV

GFSK_Low Channel(30MHz~1GHz)



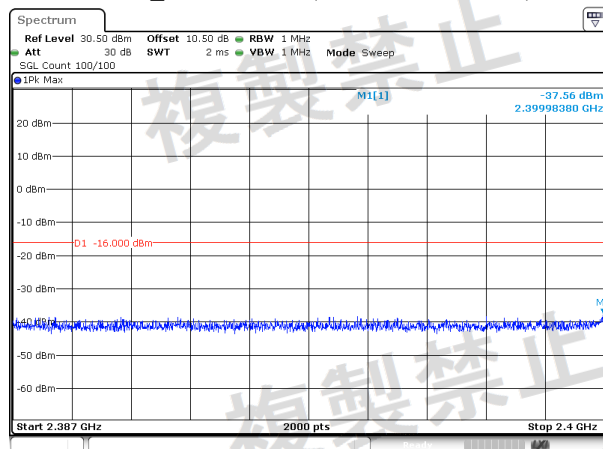
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 11:45:37

GFSK_Low Channel(1GHz~2.387GHz)



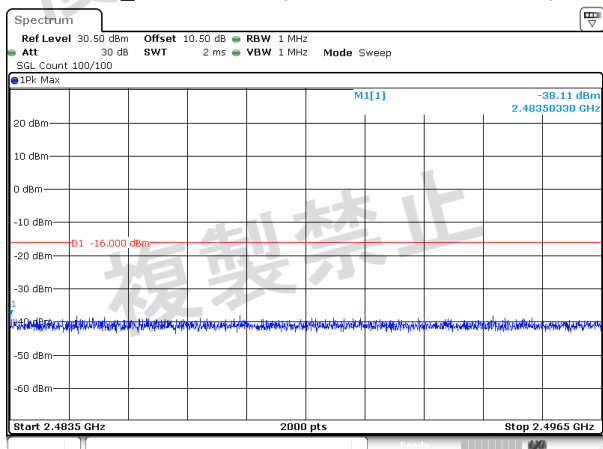
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Date: 11.MAR.2026 11:45:45

GFSK_Low Channel(2.387GHz~2.4GHz)



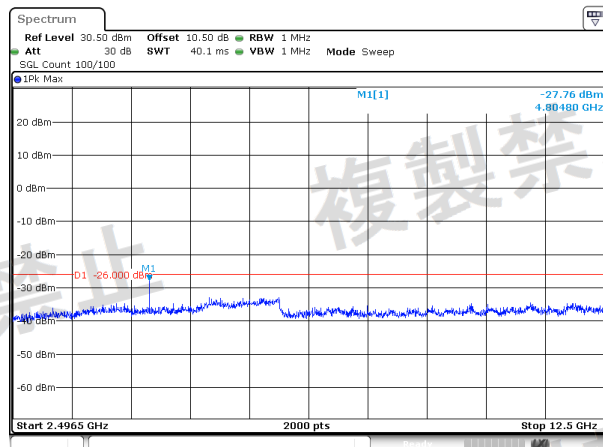
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Date: 11.MAR.2026 11:45:53

GFSK_Low Channel(2.4835GHz~2.4965GHz)



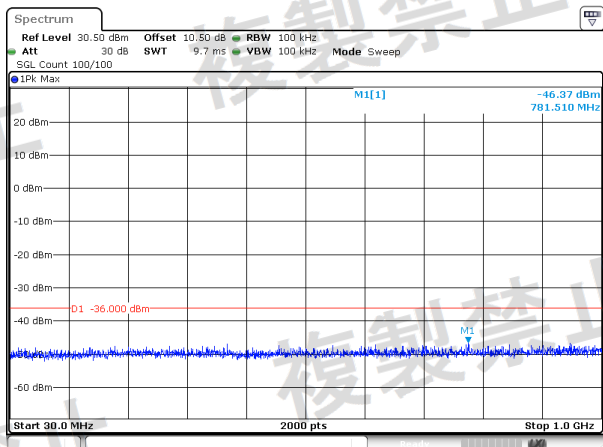
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GFSK_Low Channel(2.4965GHz~12.5GHz)



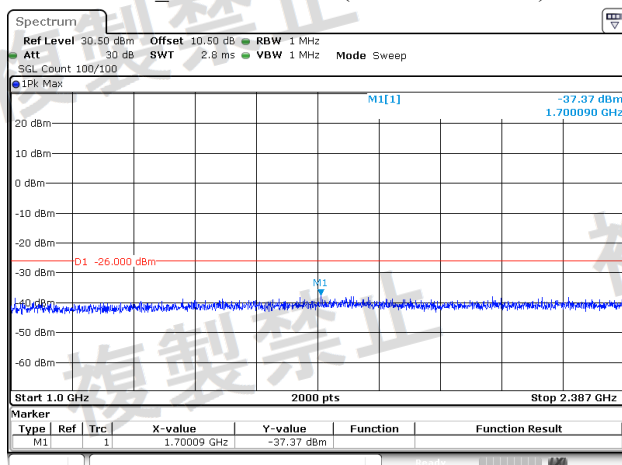
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GFSK_Middle Channel(30MHz~1GHz)



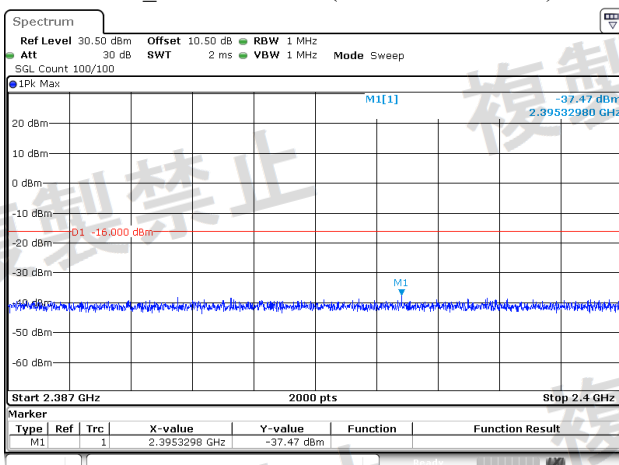
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Date: 11.MAR.2026 11:53:49

GFSK_Middle Channel(1GHz~2.387GHz)



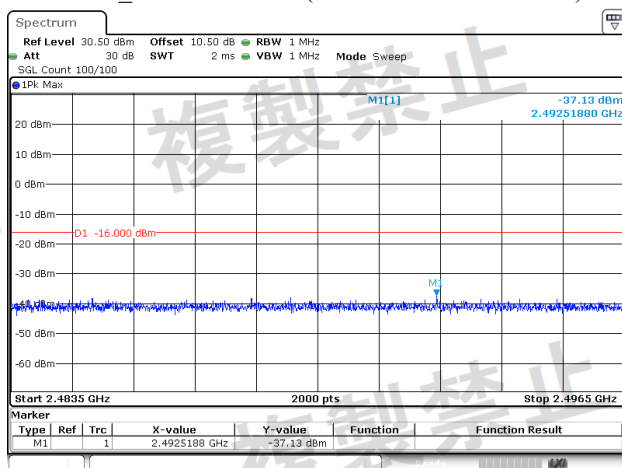
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GFSK_Middle Channel(2.387GHz~2.4GHz)



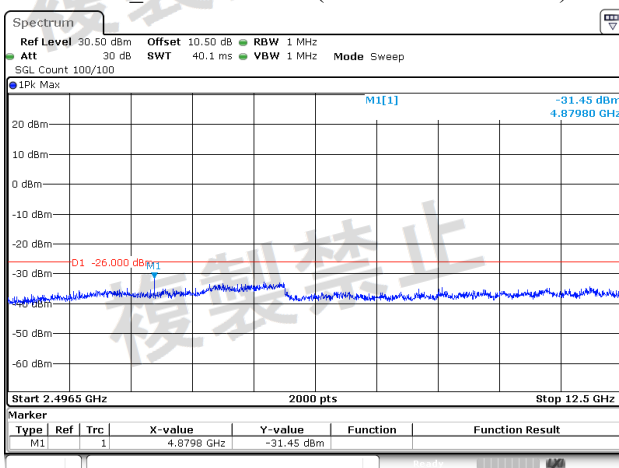
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GFSK_Middle Channel(2.4835GHz~2.4965GHz)



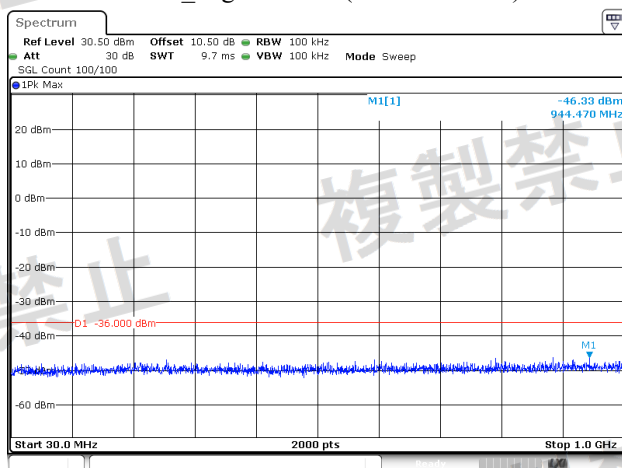
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GFSK_Middle Channel(2.4965GHz~12.5GHz)



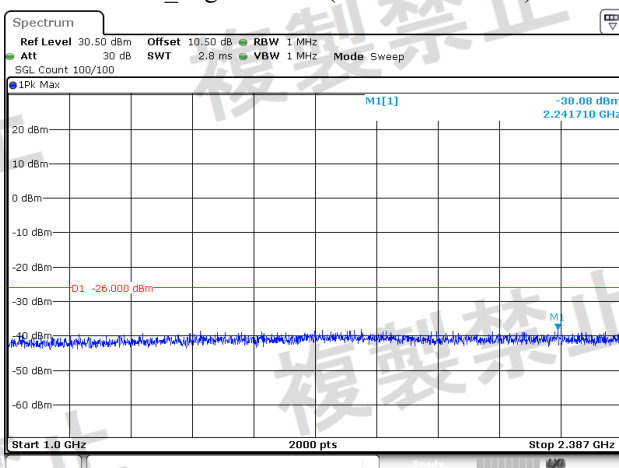
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GFSK_High Channel(30MHz~1GHz)



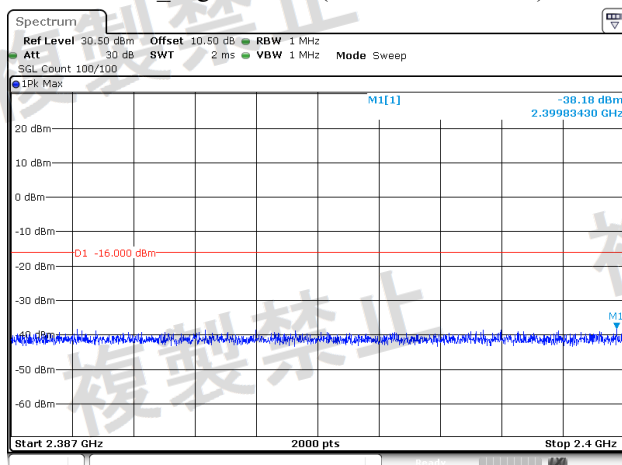
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 11:55:06

GFSK_High Channel(1GHz~2.387GHz)



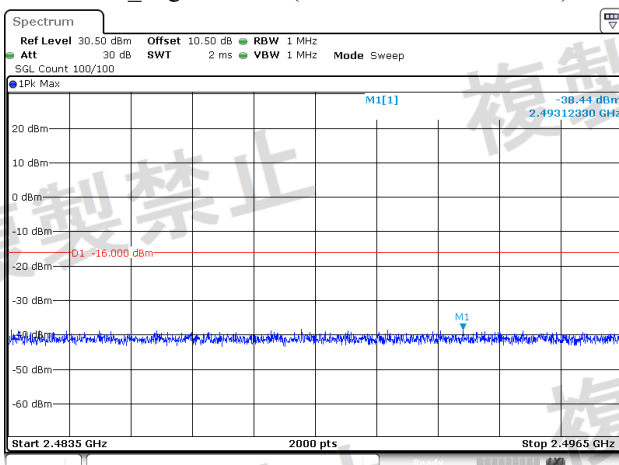
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GFSK_High Channel(2.387GHz~2.4GHz)



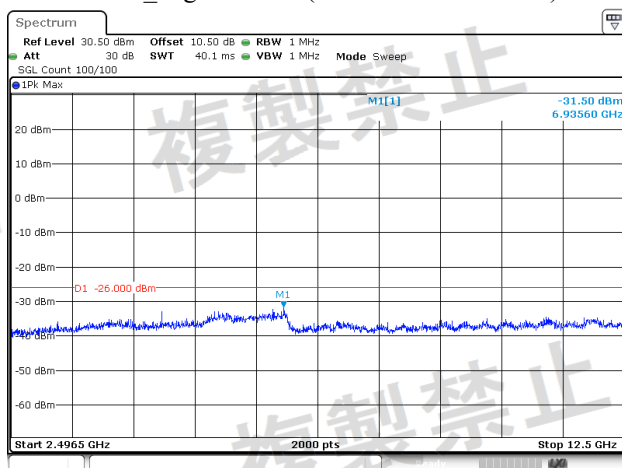
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Date: 11.MAR.2026 11:55:22

GFSK_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 11.MAR.2026 11:55:29

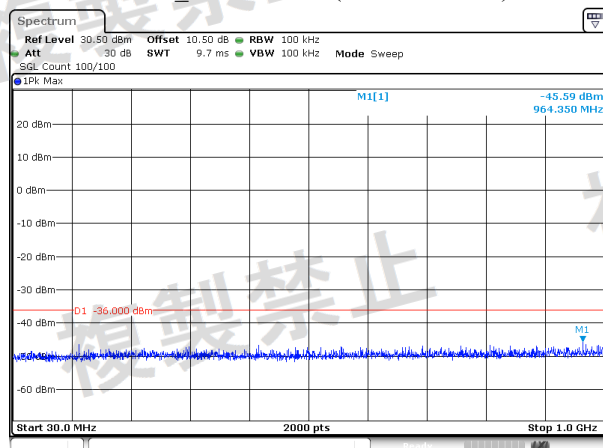
GFSK_High Channel(2.4965GHz~12.5GHz)



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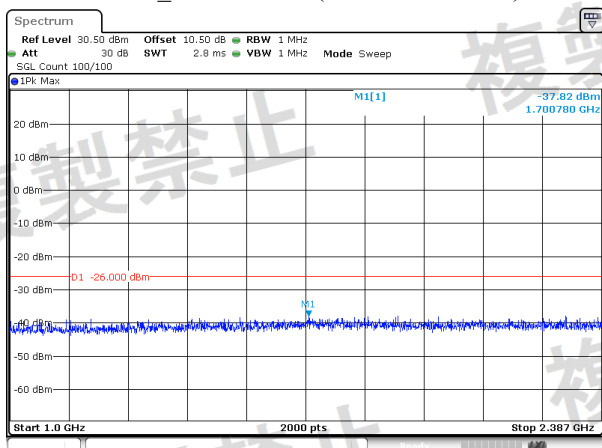
Test Condition: LV

GFSK_Low Channel(30MHz~1GHz)



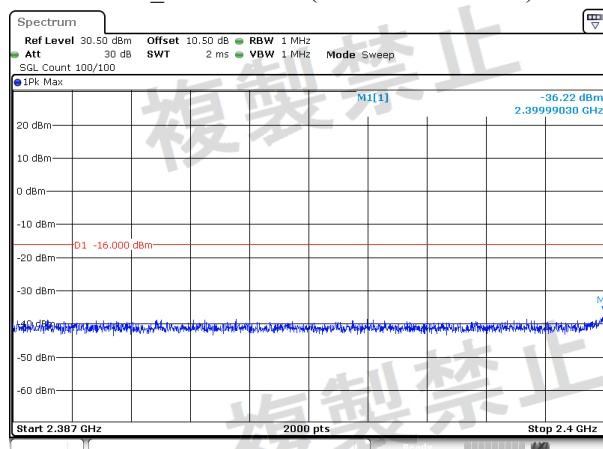
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:08:28

GFSK_Low Channel(1GHz~2.387GHz)



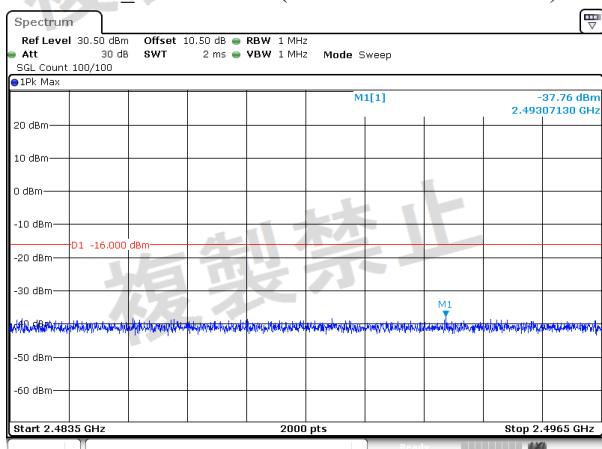
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Date: 1.APR.2026 13:08:35

GFSK_Low Channel(2.387GHz~2.4GHz)



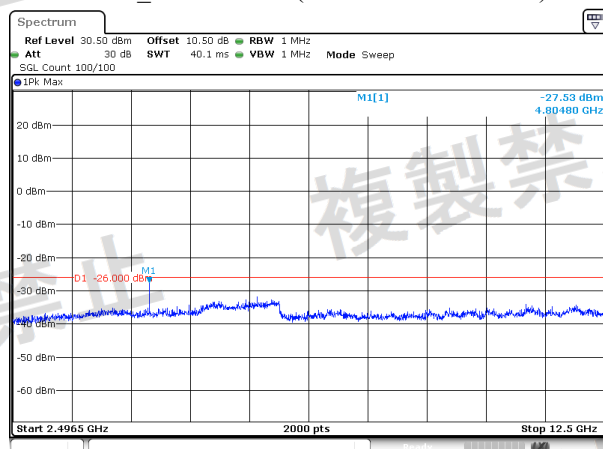
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Date: 1.APR.2026 13:08:42

GFSK_Low Channel(2.4835GHz~2.4965GHz)



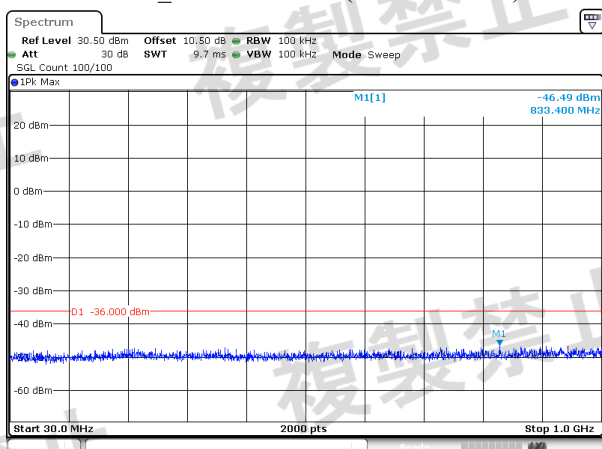
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GFSK_Low Channel(2.4965GHz~12.5GHz)



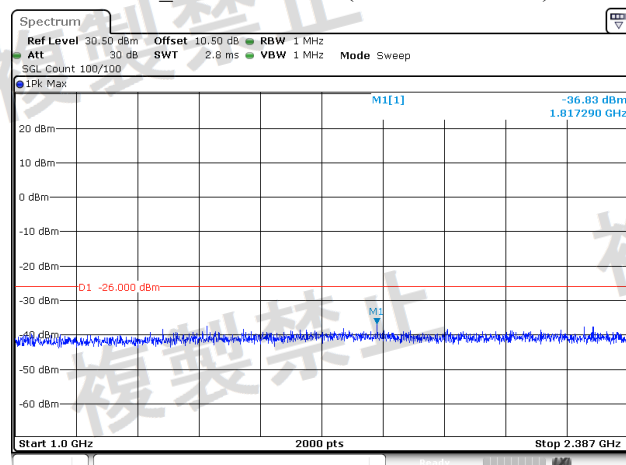
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Date: 1.APR.2026 13:09:11

GFSK_Middle Channel(30MHz~1GHz)



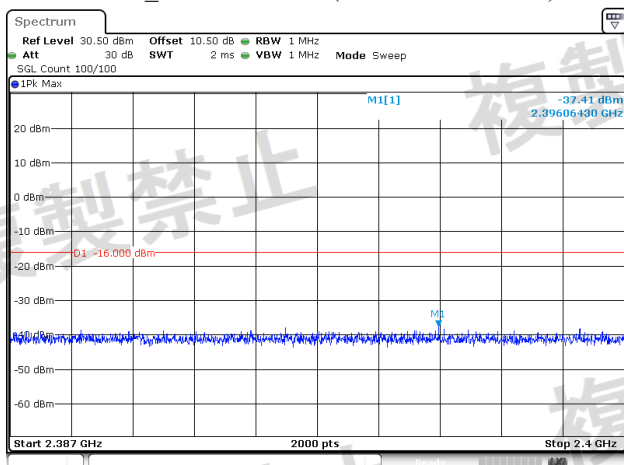
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GFSK_Middle Channel(1GHz~2.387GHz)



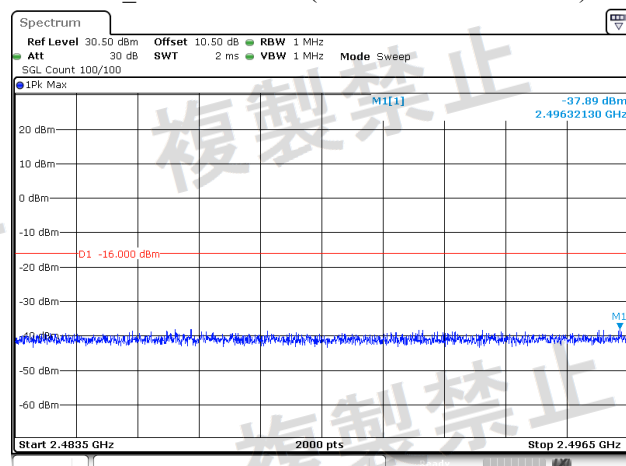
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GFSK_Middle Channel(2.387GHz~2.4GHz)



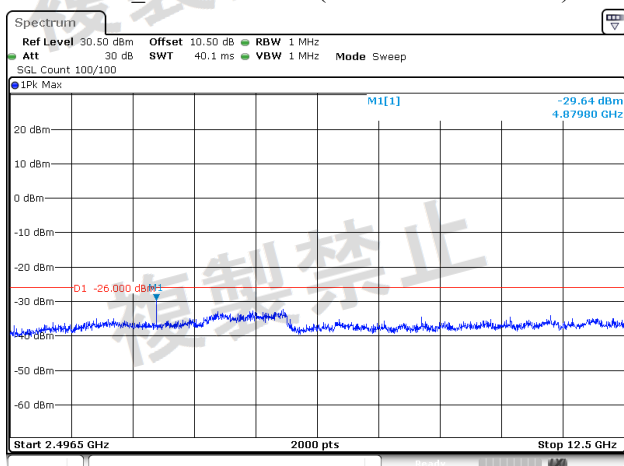
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Date: 1.APR.2026 13:09:53

GFSK_Middle Channel(2.4835GHz~2.4965GHz)



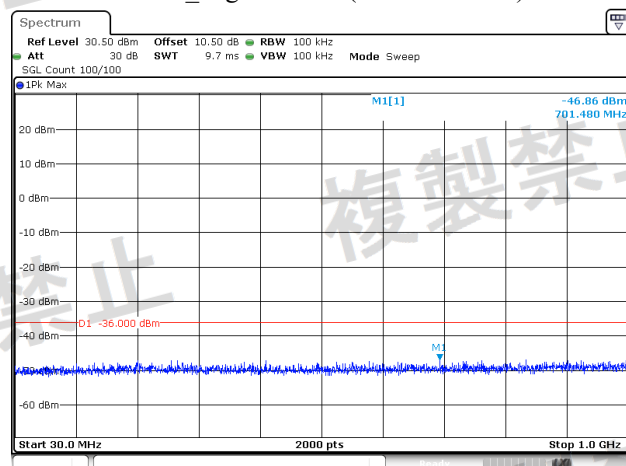
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GFSK_Middle Channel(2.4965GHz~12.5GHz)



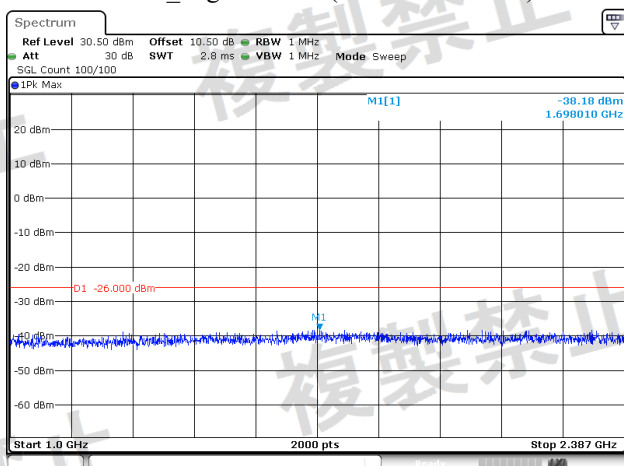
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Date: 1.APR.2026 13:10:23

GFSK_High Channel(30MHz~1GHz)



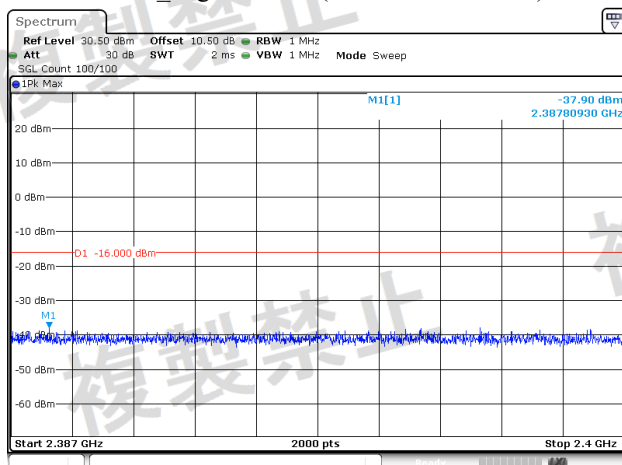
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Date: 1.APR.2026 13:10:55

GFSK_High Channel(1GHz~2.387GHz)



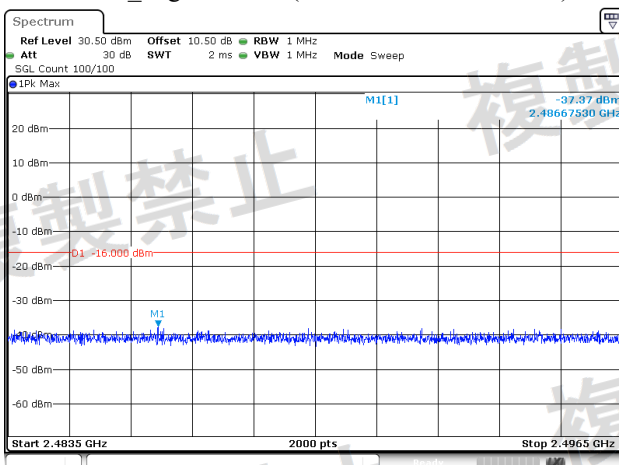
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Date: 1.APR.2026 13:11:04

GFSK_High Channel(2.387GHz~2.4GHz)



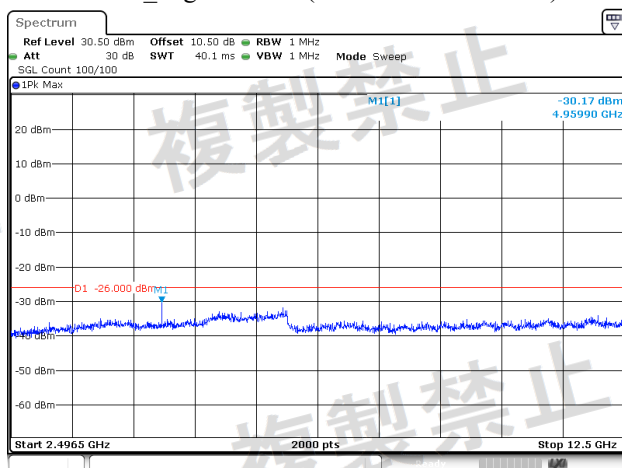
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:11:10

GFSK_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:11:17

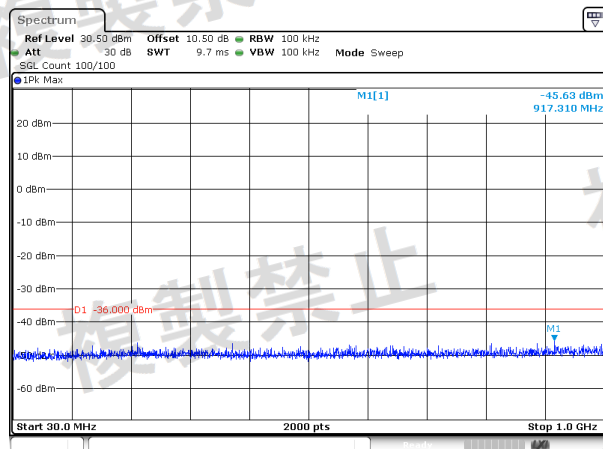
GFSK_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 13:11:40

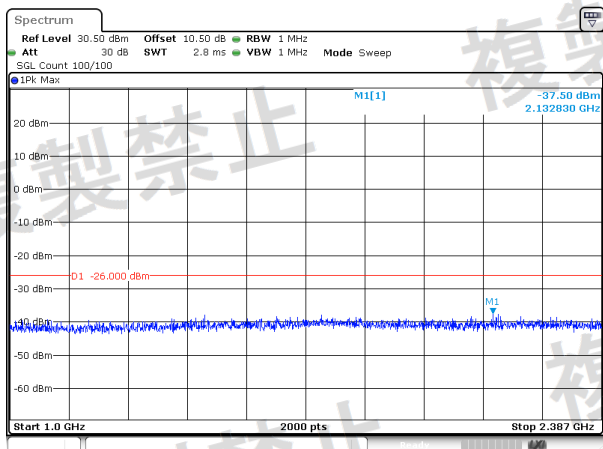
Test Condition: HV

GFSK_Low Channel(30MHz~1GHz)



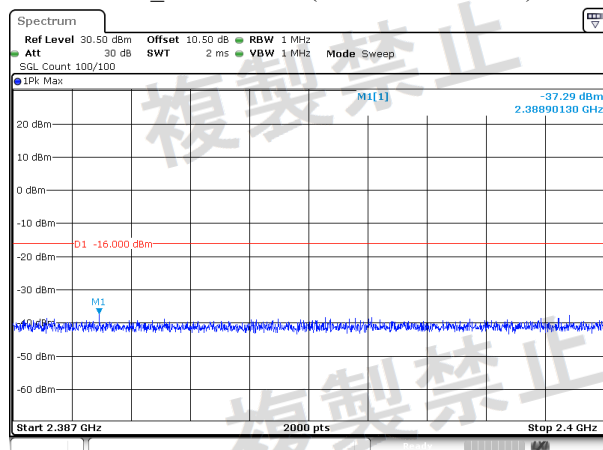
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Date: 1.APR.2026 11:22:08

GFSK_Low Channel(1GHz~2.387GHz)



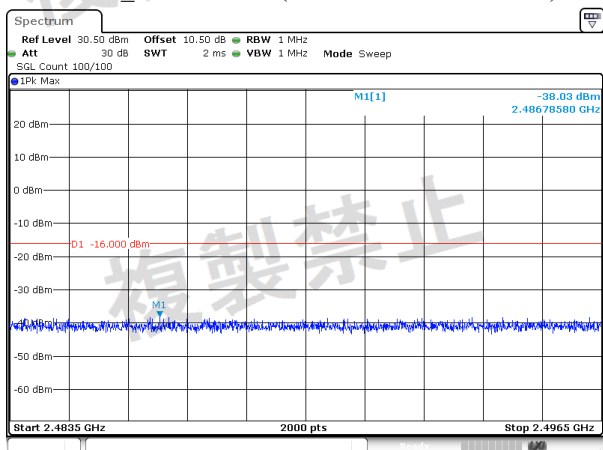
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Date: 1.APR.2026 11:22:16

GFSK_Low Channel(2.387GHz~2.4GHz)



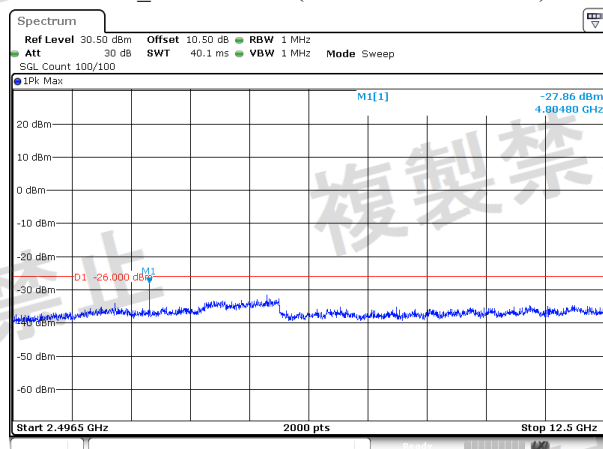
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:22:22

GFSK_Low Channel(2.4835GHz~2.4965GHz)



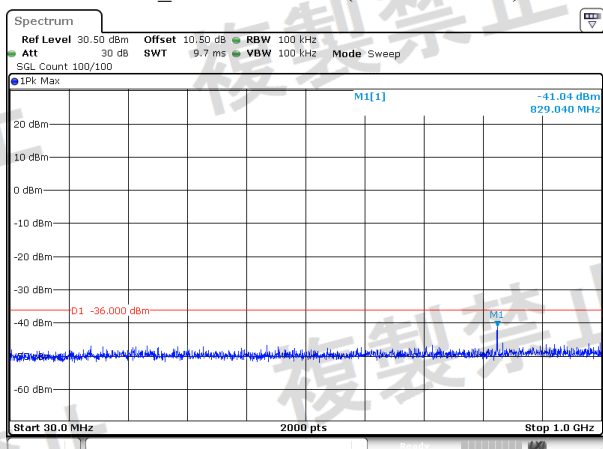
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Date: 1.APR.2026 11:22:28

GFSK_Low Channel(2.4965GHz~12.5GHz)



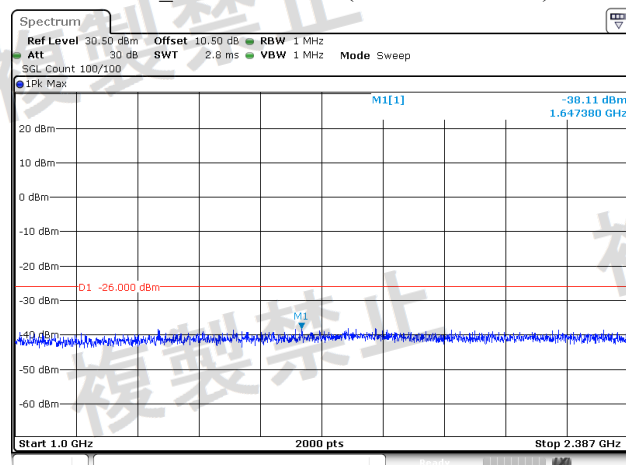
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:09:37

GFSK_Middle Channel(30MHz~1GHz)



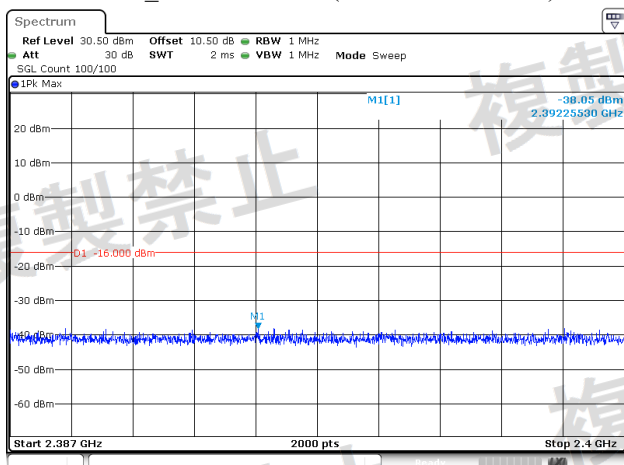
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GFSK_Middle Channel(1GHz~2.387GHz)



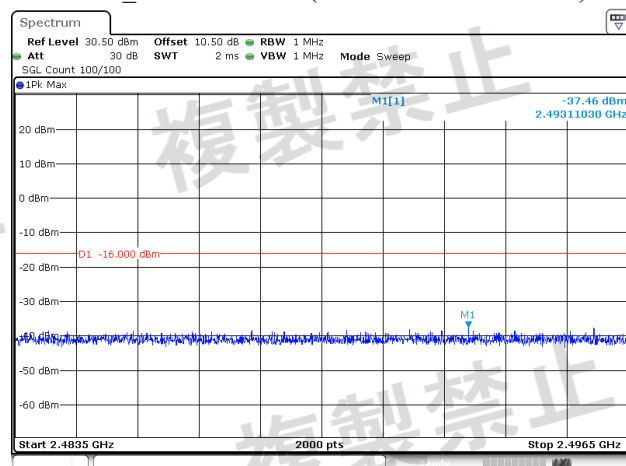
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GFSK_Middle Channel(2.387GHz~2.4GHz)



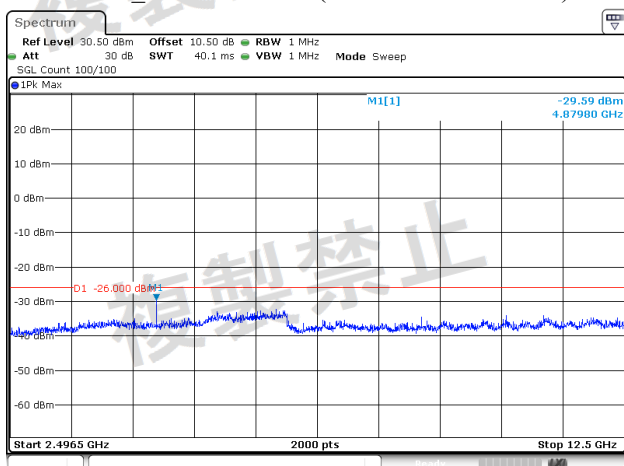
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GFSK_Middle Channel(2.4835GHz~2.4965GHz)



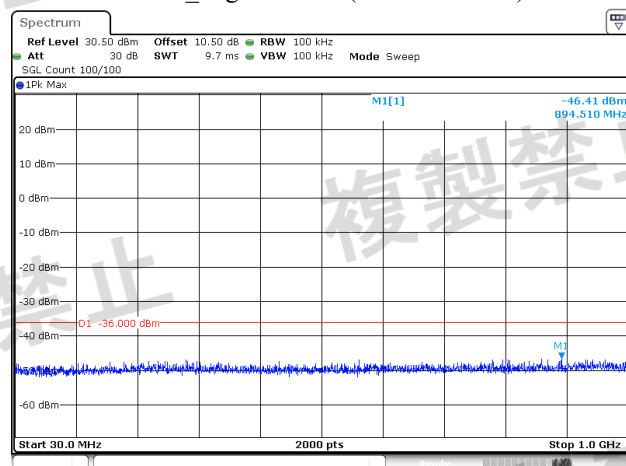
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GFSK_Middle Channel(2.4965GHz~12.5GHz)



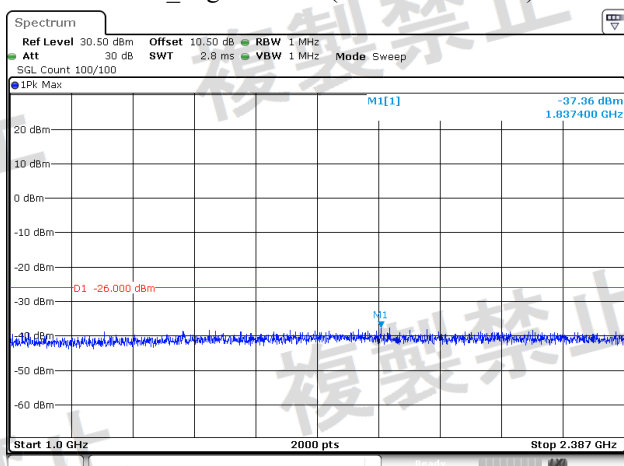
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Date: 1.APR.2026 11:11:12

GFSK_High Channel(30MHz~1GHz)



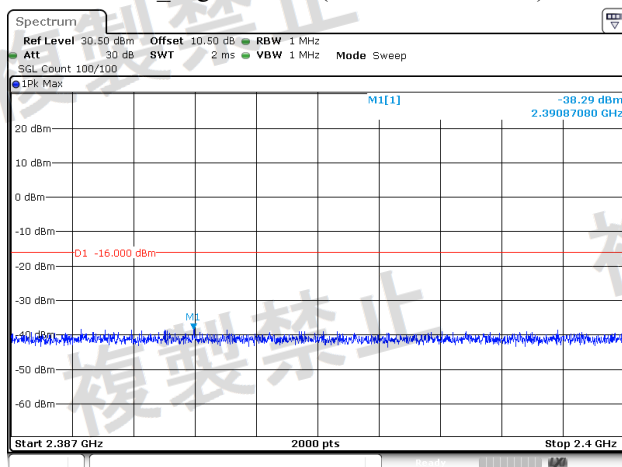
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Date: 1.APR.2026 11:11:49

GFSK_High Channel(1GHz~2.387GHz)



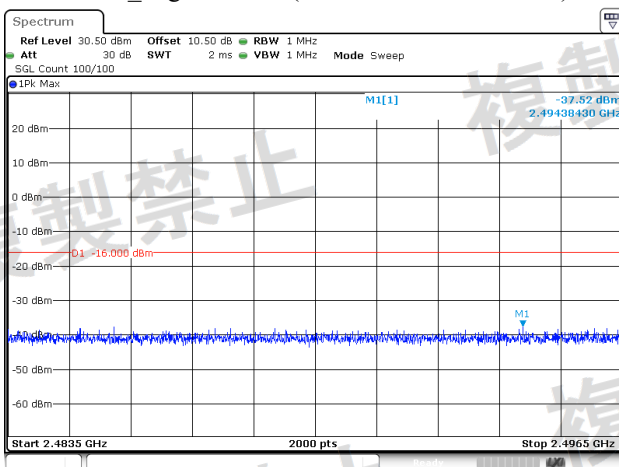
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GFSK_High Channel(2.387GHz~2.4GHz)



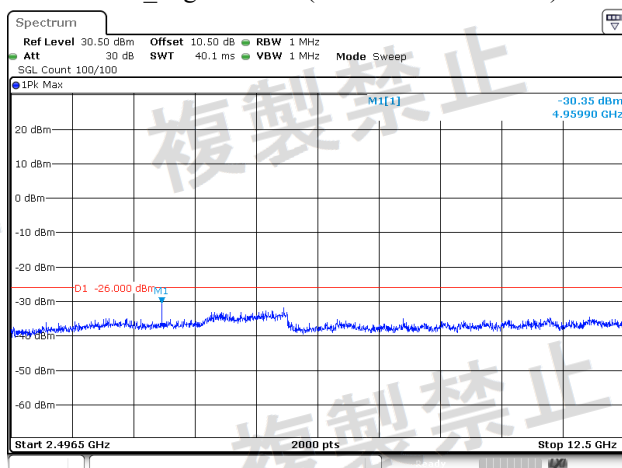
ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:12:03

GFSK_High Channel(2.4835GHz~2.4965GHz)



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:12:10

GFSK_High Channel(2.4965GHz~12.5GHz)



ProjectNo.:2601Q16390E-RF Tester:Ciel Jiang
Date: 1.APR.2026 11:12:34

ANTENNA OUTPUT POWER, ANTENNA POWER TOLERANCE

Limit

Antenna output power: $\leq 10 \text{ mW/MHz}$

Antenna power Tolerance: $\leq +20\%$

EIRP: $\leq 12.14 \text{ dBm/MHz}$

Antenna gain should be 12.14 or less (When an EIRP is less than a limit, the shortage shall be compensated for by the gain of the transmitting antenna.)

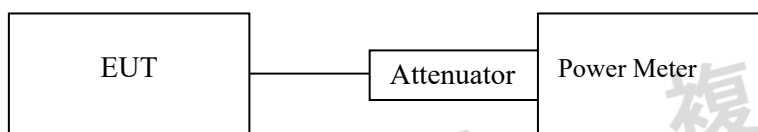
Test Procedure

Step 1: Measure the total power by Power Meter

Step 2: If it's the burst wave, set the power meter to measure averaging across the burst transmit on period.

Step 3: Record the reading on power meter as antenna output power.

Test Setup Block diagram



Test Data

Environmental Conditions

Temperature:	24.2~25 °C
Relative Humidity:	52~53 %
ATM Pressure:	100.9 kPa

The testing was performed by Ciel Jiang on 2026-03-11 and 2026-04-01.

Test Mode: Transmitting

Test Result: Compliant

Mode	Antenna gain (dBi)	Declared power (mW)
GFSK	-0.93	0.25

Normal voltage

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
GFSK	Low	-7.25	0.188	≤ 10	-24.80	≤ 20	-8.18	≤ 12.14	Pass
	Middle	-8.17	0.152		-39.20		-9.10		Pass
	High	-8.15	0.153		-38.80		-9.08		Pass

Low voltage

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
GFSK	Low	-6.31	0.234	≤ 10	-6.40	≤ 20	-7.24	≤ 12.14	Pass
	Middle	-7.15	0.193		-22.80		-8.08		Pass
	High	-7.50	0.178		-28.80		-8.43		Pass

High voltage

Mode	Channel	Conducted power(dBm)	Antenna output power(mW)		Antenna output tolerance(%)		EIRP (dBm)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
GFSK	Low	-6.25	0.237	≤ 10	-5.20	≤ 20	-7.18	≤ 12.14	Pass
	Middle	-7.28	0.187		-25.20		-8.21		Pass
	High	-7.57	0.175		-30.00		-8.50		Pass

Note:

Antenna output power(mW) = $10^{\{\text{Conducted power(dBm)} / 10\}}$

Antenna output power tolerance(%) = (Antenna output power - Declared power) / Declared power * 100%

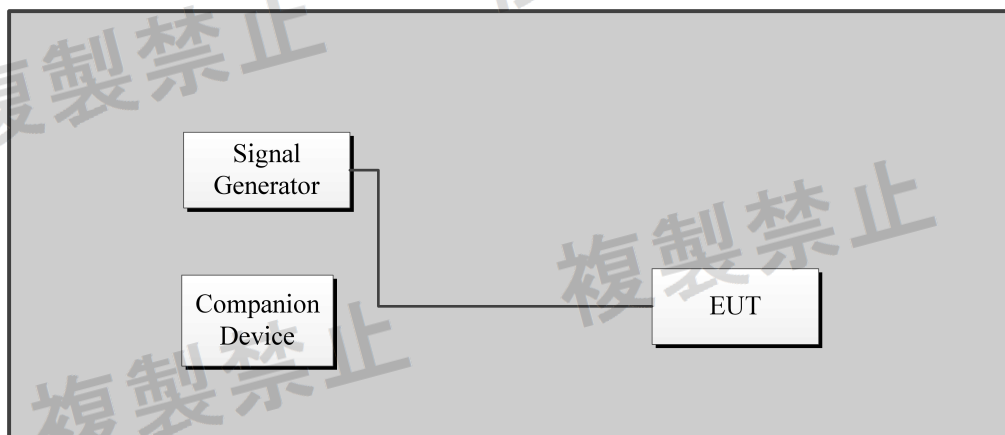
EIRP(dBm) = Conducted power(dBm) + Antenna gain.

INTERFERENCE PREVENTION FUNCTION

Requirement

The EUT shall have the interference prevention capability to transmit or to receive the identification automatically, so that sender and receiver shall exclude other equipment.

Test Procedure



Measurement System Diagram

In the case that the EUT has the function of automatically transmitting the identification code:

1. Transmit the predetermined identification codes from EUT
2. Check the transmitted identification codes with the demodulator.

In the case of receiving the identification codes:

1. Transmit the predetermined identification codes from the counterpart.
2. Check if communication is normal
3. Transmit the signal other than predetermined ID codes from the counterpart.
4. Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

Test Data

Environmental Conditions

Temperature:	24.2~25 °C
Relative Humidity:	52~53 %
ATM Pressure:	100.9 kPa

The testing was performed by Ciel Jiang on 2026-03-11 and 2026-04-01.

Test Result: Good

Companion Device:

Manufacturer	Description	Model	Serial Number
EMEET	EMEET Piko Dual	E3408	Unknown

CONSTRUCTION PROTECTION CONFIRMATION

Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

Result

The EUT case was locked by the special buckle which can't be opened easily, please see the EUT photos.

EUT PHOTOGRAPHS

Please refer to the attachment 2601Q16390E-RF-EXP External photo and 2601Q16390E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601Q16390E-RF-07-TSP Test Setup photo.

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