

TEST REPORT

Applicant Name: Anker Japan Co., Ltd.
Address: 8F, Akasaka Trust Tower, 2-17-22 Akasaka, Minato-ku, Tokyo
Report Number: 2601P37306E-RF-07B

Test Standard (s)

Item 19 of Article 2 Paragraph 1

Sample Description

Product Type: soundcore SpaceFlow
Model No.: D2090
Multiple Model(s) No.: N/A
Trade Mark: soundcore
Date Received: 2026-01-08
Issue Date: 2026-03-26

Test Result:	Pass▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Ekko Wu

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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Bay Area Compliance Laboratories Corp. (Shenzhen)

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2601P37306E-RF-07B	Original Report	2026-03-26

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Radio Type		Bluetooth
Technical Parameters	Modulation Type	GFSK, $\pi/4$ -DQPSK, 8DPSK
	Frequency Range	2402-2480MHz
	Rated Output Power	0.05mW/MHz for BDR/EDR Mode
	Antenna Gain[#]	3.96dBi (It is provided by the applicant)
Nominal Power Supply		15V _{DC} from USB Port
Sample serial number		3FUD-2 (Assigned by BACL, Shenzhen)
Sample/EUT Status		Good condition
Adapter Information		Model: NSA45EU-20022500 Input: 100-240V~50/60Hz, 1.2A Output: 5.0V=3.0A/9.0V=3.0A/12.0V=3.0A/ 15.0V=3.0A/20.0V=2.25A, 45.0W Max

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
- Transmitter Spurious Emission and Unwanted Emission Intensity
- Antenna Output Power And Output Power Tolerance
- Receiver Spurious Emission Strength
- Frequency Hopping Dwell Time
- Interference Prevention Function
- Construction Protection Confirmation

Test Method

MIC Notice No.88 of Jan. 26, 2004, Appendix No.43 (Latest version: MIC Notice No.373 of Nov. 8, 2023)

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)
Duty Cycle	±1%
Temperature	±0.4°C
Supply voltages	DC±0.4%;AC±1%
Humidity	±2%

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 manufacturer.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	40	2442
1	2403	41	2443
2	2404	42	2444
...	...	...	...
...	...	...	...
36	2438	75	2477
37	2439	76	2478
38	2440	77	2479
39	2441	78	2480

EUT was tested with Channel 0, 39 and 78.

Normal/Extreme Voltage Condition [#]		
NV	Normal Voltage	15.0
LV	Low Voltage	13.5
HV	High Voltage	16.5
<i>Note: extreme voltage test conditions were declared by manufacturer.</i>		
The EUT powered by USB port, power deviation of the RF circuit is less than 1% when extreme voltage supplied, therefore the test only performed at normal condition. Details as following:		
Voltage Condition	Input (V _{DC})	RF System Voltage (V _{DC})
NV	15.0	3.3
LV	13.5	3.3
HV	16.5	3.3

EUT Exercise Software

Exercise Software [#]	WQ emu
Power Level [#]	2

Equipment Modifications

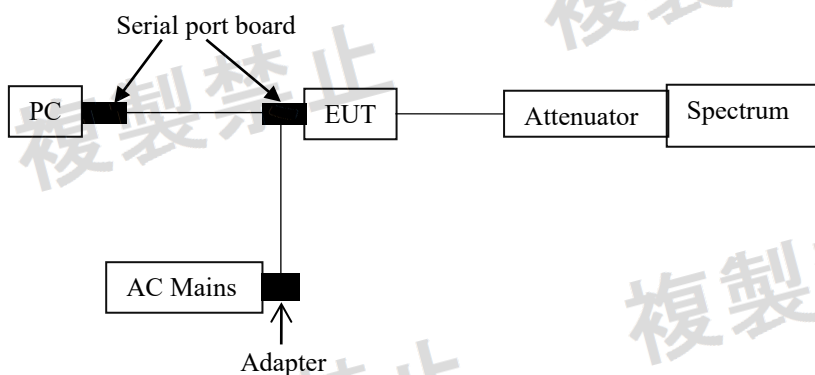
No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	PC	DESKTOP-1630AQ3	Unknown
Unknown	Serial port board*2	Unknown	Unknown

External I/O Cable

Cable Description	Length(m)	From/Port	To
Unshielded detachable Dupont cable	0.8	Serial port board	Serial port board
Unshielded detachable DC cable	1.5	Adapter	Serial port board

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	Compliant
6	Transmission Antenna Gain	Not Applicable
7	Transmission Radiation Angle Width	Not Applicable
8	Frequency Hopping Dwell Time	Compliant
9	Interference Prevention Function	Compliant
10	Construction Protection Confirmation	Compliant

Not Applicable - This test item was not required for the output power less than 6.91 dBm/MHz (E.I.R.P)

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)
Rohde & Schwarz	Wideband Radio Communication Tester	CMW500	146520	2025/09/18	2026/09/17	CCIC	c)
ANRITSU	Microwave peak power sensor	MA24418A	12622	2025/09/01	2026/08/31	CCIC	c)
instek	DC Power Supply	GPS-3030DD	EM832096	NCR	NCR	/	/
Fluke	Digital Multimeter	287	19000011	2025/04/29	2026/04/28	BACL Cal	c)
Unknown	RF Cable	Cable RF1	Cable RF1	2025/09/17	2026/09/16	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).

REQUIREMENTS AND TEST PROCEDURES

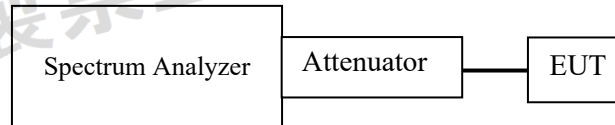
Frequency Error

Limit

50 ppm or below

Test Procedure

Measurement System Diagram



Conditions of Application Equipment (EUT)

- Set the application equipment (EUT) to the measurement frequency.
- The modulation state shall be “continuous carrier wave without modulation” by stopping frequency-hopping mode.

Spectrum Analyzer Conditions

- Center Frequency: Frequency to measure (2402 MHz, 2441MHz, and 2480MHz)
- RBW: 10 kHz, VBW: 10 kHz
- Span: 2MHz
- 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: Single Sweep
- Marker: Spot

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

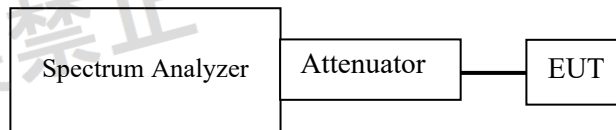
Occupied Bandwidth and Spreading Bandwidth

Limit

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

Test Procedure

Measurement System Diagram



Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous frequency-hopping mode” by spread spectrum.

Spectrum Analyzer Conditions

- RBW: 300 kHz
- VBW: 300 kHz
- Sweep time: Auto(Minimum time to ensure measurement accuracy.)
- Log scale: 10dB/Div
- Data points : 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak, Sweep mode: Continuous

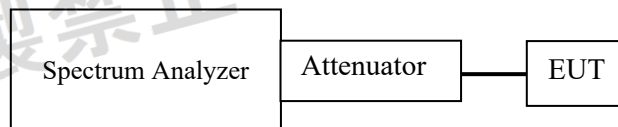
Transmitter Spurious Emission Strength and Unwanted Emission Intensity

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



Note : The worst cable loss among the test frequency range was added into plots.

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.

Note: $2.5 \mu\text{W/MHz} = 0.25 \mu\text{W}/100\text{kHz}$

Antenna Output Power and Antenna Power Tolerance

Limit

- $\leq 3 \text{ mW /MHz}$ (FHSS from 2402-2480 MHz)
- $\leq 10 \text{ mW/MHz}$ (OFDM, DSSS from 2400-2483.5 MHz)
- $\leq 10 \text{ mW}$ (other from 2400-2483.5 MHz)
- EIRP: $\leq 6.91 \text{ dBm/MHz}$

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

Test Procedure

For FHSS UUT:

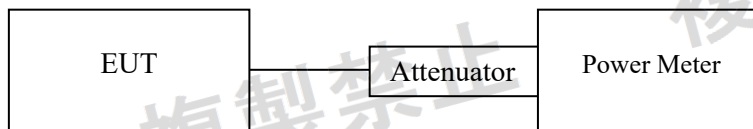
Step 1: Measure the total power by Power Meter in a state of hopping mode

Step 2: Set the power meter to trace average across the pulse on period, record the reading level on power meter.

Step 3: Calculate the mean power per 1MHz by dividing the reading level by spread bandwidth.

Output Power Density (mW/MHz) = Reading (mW) / Spread Bandwidth (MHz)

Test Setup Block diagram



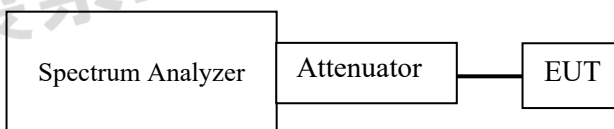
Receiver Spurious Emission and Unwanted Emission Intensity

Limit

- $\leq 4 \text{ nW}$ ($30 \text{ MHz} \leq f \leq 1000 \text{ MHz}$)
- $\leq 20 \text{ nW}$ ($1 \text{ GHz} \leq f \leq 12.5 \text{ GHz}$)

Test Procedure

Measurement System Diagram



Note : The worst cable loss among the test frequency range was added into plots.

Conditions of Application Equipment (EUT)

- The modulation state shall be “continuous receiving mode”.

Spectrum Analyzer Conditions

- Start Frequency: Start Frequency of frequency range to measure (30MHz or 1GHz)
- Stop Frequency: Stop Frequency of frequency range to measure (1GHz or 12.5GHz)
- Span: AUTO (Measurement Range)
- RBW: 100 kHz, VBW: 100 kHz for Frequency < 1 GHz
- RBW: 1MHz, VBW: 1MHz for Frequency > 1 GHz
- Sweep time: AUTO or more
- Sweep mode: Auto Sweep
- Detection: Positive Peak
- Reference Level: Enough level for maximum dynamic range

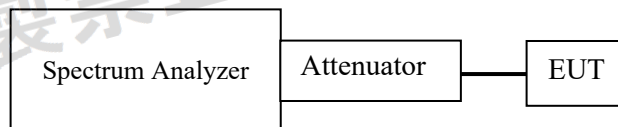
Frequency Hopping Dwell Time

Applicable Standard

According to Radio Law Radio Equipment Regulations Article 49-20, frequency dwell time is 0.4 seconds or below.

Test Procedure

Measurement System Diagram



Conditions of Application Equipment (EUT)

- Set the application equipment (EUT) to the measurement frequency.
- The modulation state shall be “continuous (burst) transmission mode”. If impossible, it shall be “continuous frequency-hopping mode”.

Spectrum Analyzer Conditions

- Step 1:
 - Center Frequency: 2441.0 MHz
 - Span: ZERO SPAN
 - RBW: 10MHz, VBW: 10MHz
 - Log scale: 10dB/Div, Data points: 601points (400 points or more)
 - Reference level: Enough level for maximum dynamic range
 - Detection: Positive Peak,
 - Sweep mode: Single
 - Duty cycle= Ton/(Ton+Toff)
- Step 2:
 - Center Frequency: 2441.0 MHz
 - RBW: 1MHz, VBW: 1MHz
 - Span: ZERO SPAN
 - Reference level: Enough level for maximum dynamic range
 - Detection: Positive Peak,
 - Sweep mode: Single
 - Sweep time: $0.4 \times \text{SBW}[\text{second}]$

Dwell time = Time per one hopping (On time) * hopping numbers

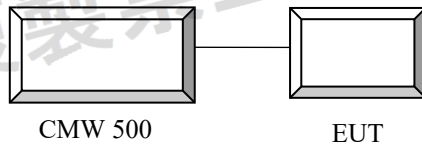
Interference Prevention Function

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 AND RESULTS

Frequency Error

Test Information:

Serial No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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Test Condition: NV

Mode	Channel	F _c (MHz)	F _L (MHz)	F _H (MHz)	F ₀ (MHz)	Result (ppm)	Limit (ppm)	Verdict
GFSK	Low	2402	2401.80480	2402.20521	2402.00501	2.09	± 50	Pass
	Middle	2441	2440.80481	2441.20521	2441.00501	2.05		Pass
	High	2480	2479.80280	2480.20320	2480.00300	1.21		Pass
π/4-DQPSK	Low	2402	2401.80480	2402.35736	2402.08108	33.76		Pass
	Middle	2441	2440.80481	2441.35736	2441.08109	33.22		Pass
	High	2480	2479.80481	2480.35536	2480.08009	32.29		Pass
8DPSK	Low	2402	2401.49449	2402.50150	2401.99800	-0.83		Pass
	Middle	2441	2440.49449	2441.50150	2440.99800	-0.82		Pass
	High	2480	2479.49249	2480.49950	2479.99600	-1.61		Pass

Note:

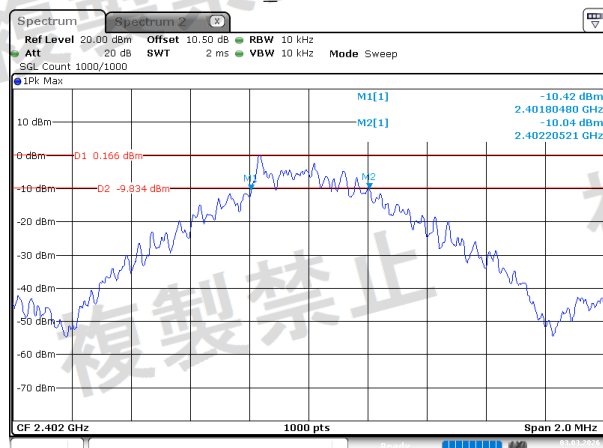
Result = $(F_0 - F_c)/F_c \times 10^6$, where $F_0 = (F_L + F_H)/2$

F_L is the lower edge of the 10dBc center frequency

F_H is the upper edge of the 10dBc center frequency.

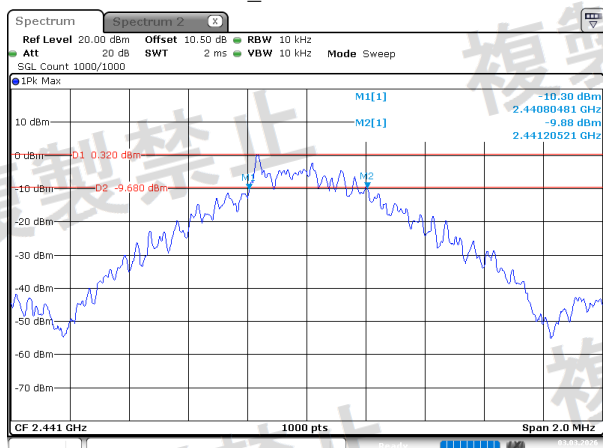
Test Condition: NV

GFSK_Low Channel



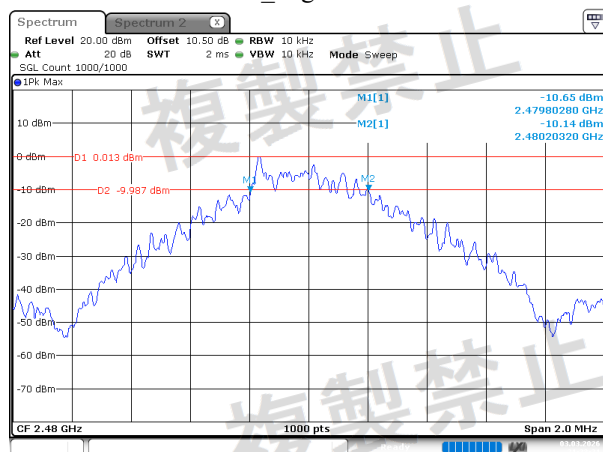
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:21:22

GFSK_Middle Channel



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:22:19

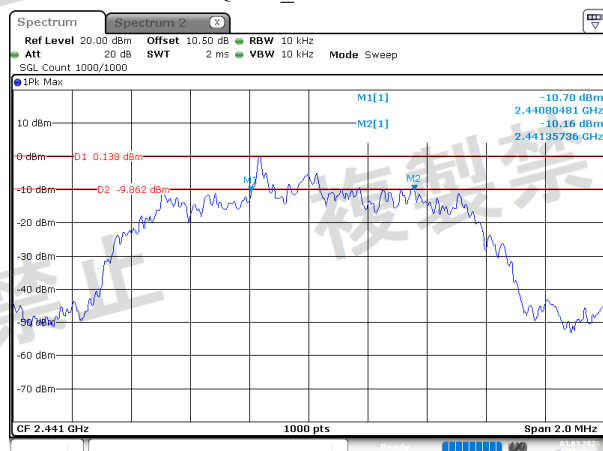
GFSK_High Channel



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:23:21

 $\pi/4$ -DQPSK_Low Channel

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:24:24

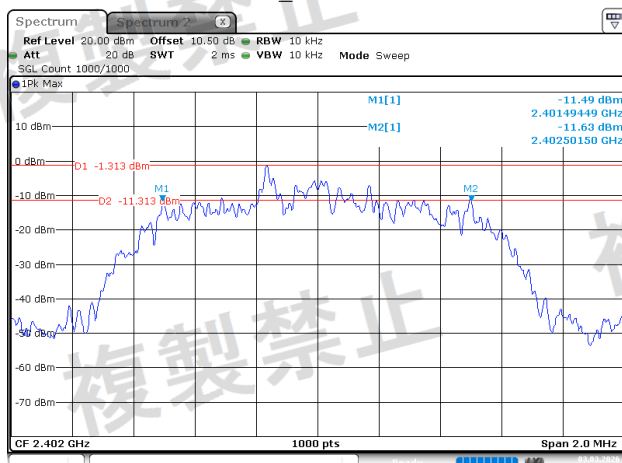
 $\pi/4$ -DQPSK_Middle Channel

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:25:13

 $\pi/4$ -DQPSK_High Channel

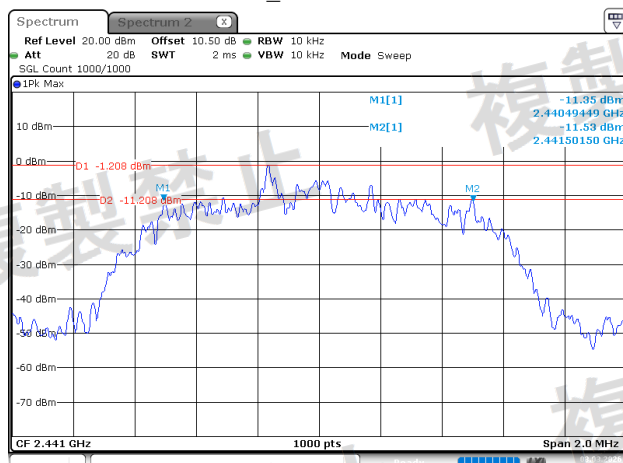
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:27:35

8DPSK_Low Channel



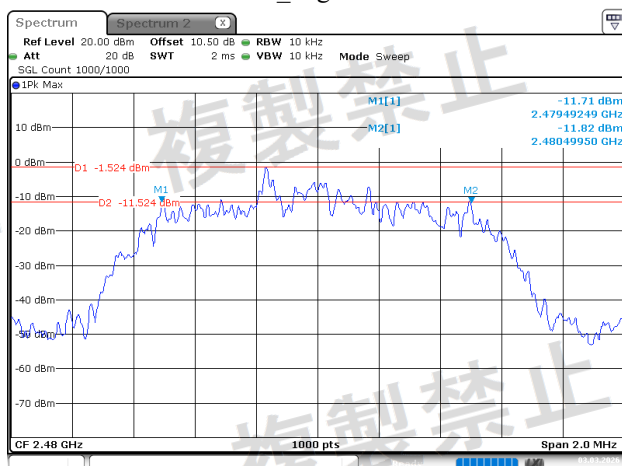
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:29:27

8DPSK_Middle Channel



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:30:16

8DPSK_High Channel



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:31:18

Occupied Bandwidth and Spreading Bandwidth**Test Information:**

Serial No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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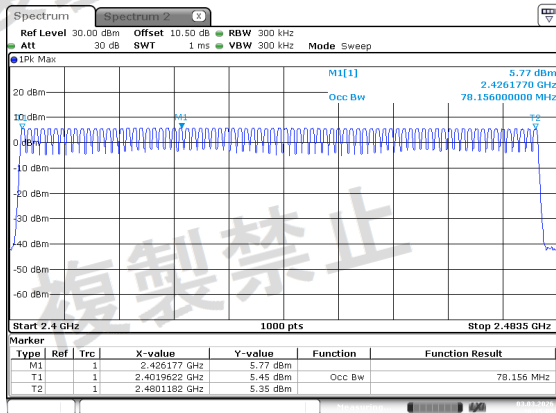
Test Condition: NV

Mode	Packet Type	Occupied bandwidth (MHz)		Spreading bandwidth (MHz)		Result
		Measured	Limit	Measured	Limit	Verdict
GFSK	DH1	78.156	≤ 83.5	70.892	/	Pass
	DH3	78.156	≤ 83.5	70.808	/	Pass
	DH5	78.156	≤ 83.5	70.892	/	Pass
$\pi/4$ -DQPSK	2DH1	78.323	≤ 83.5	71.059	/	Pass
	2DH3	78.323	≤ 83.5	70.975	/	Pass
	2DH5	78.323	≤ 83.5	71.142	/	Pass
8DPSK	3DH1	78.323	≤ 83.5	70.975	/	Pass
	3DH3	78.323	≤ 83.5	71.142	/	Pass
	3DH5	78.323	≤ 83.5	70.975	/	Pass

Test Condition: NV

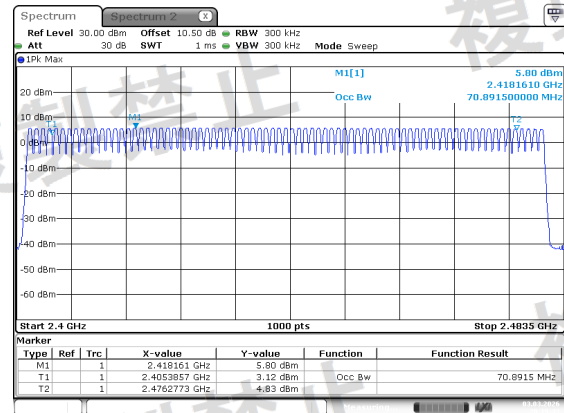
GFSK_Hopping_DH1

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:15:09

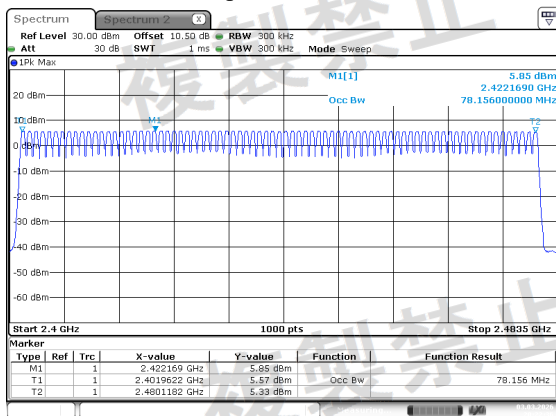
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:19:44

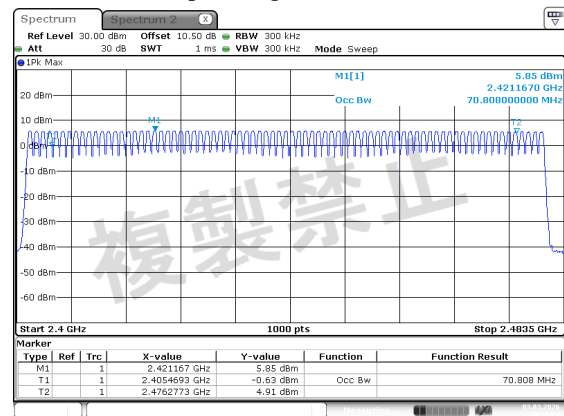
GFSK_Hopping_DH3

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:22:37

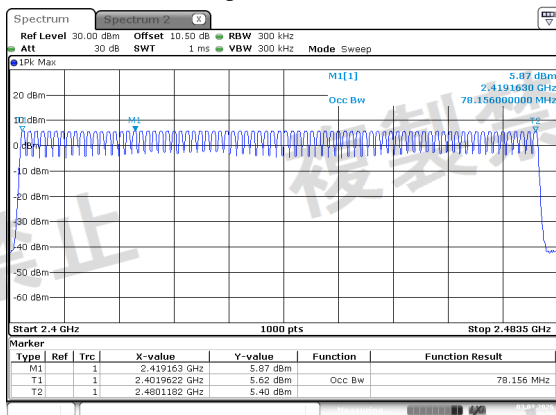
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:25:11

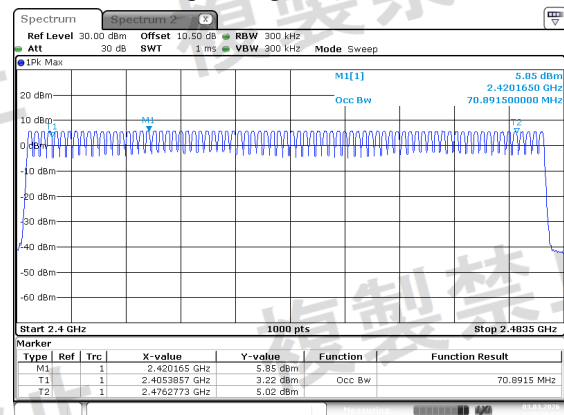
GFSK_Hopping_DH5

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:28:10

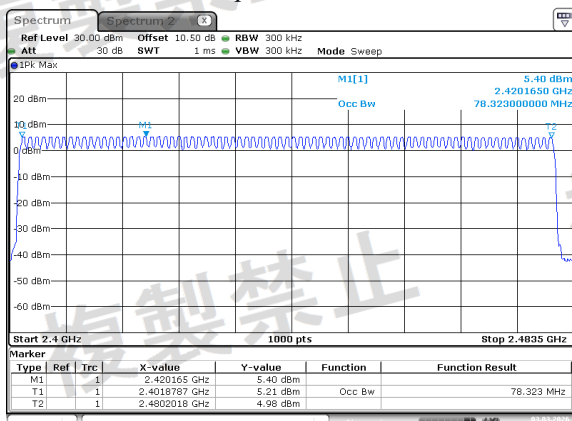
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:30:58

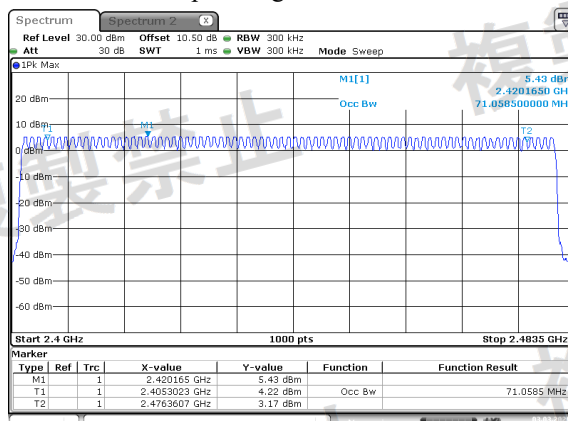
$\pi/4$ -DQPSK_Hopping_2DH1

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:34:23

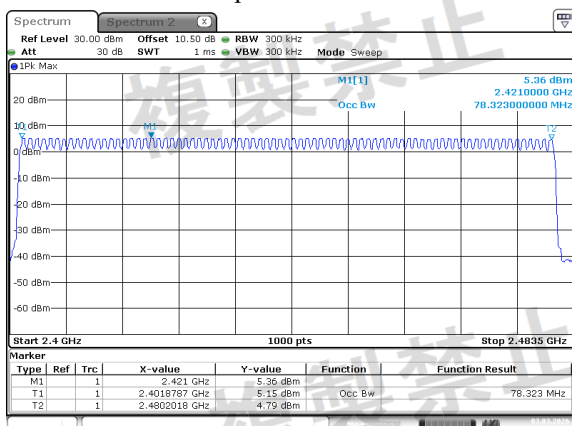
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:36:29

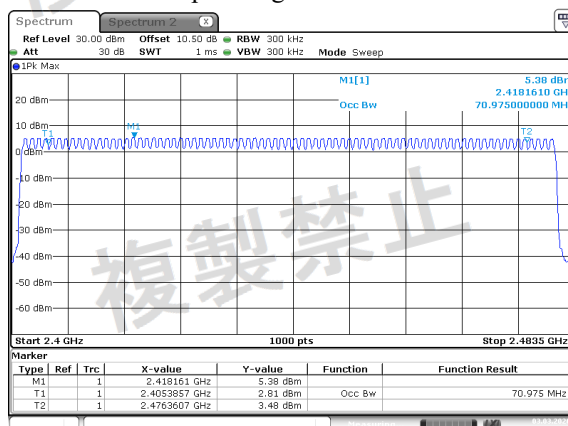
 $\pi/4$ -DQPSK_Hopping_2DH3

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:39:43

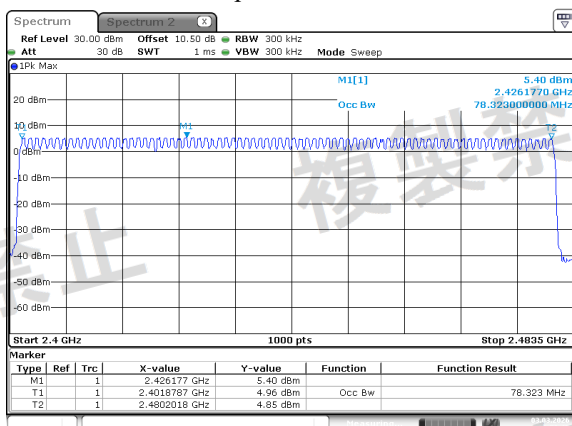
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:44:12

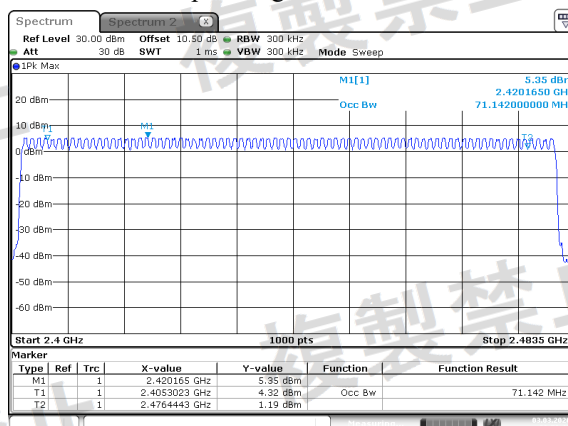
 $\pi/4$ -DQPSK_Hopping_2DH5

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:56:15

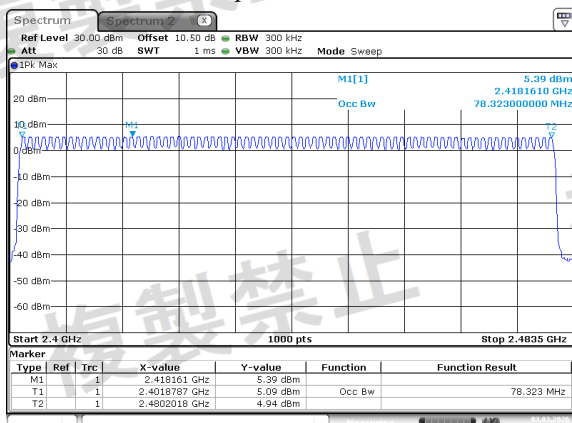
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:59:19

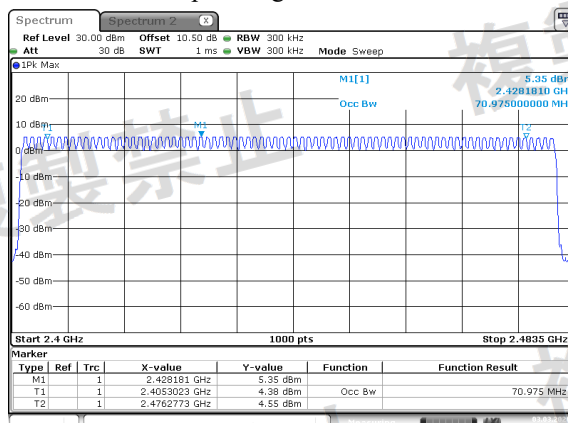
8DPSK_Hopping_3DH1

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:01:33

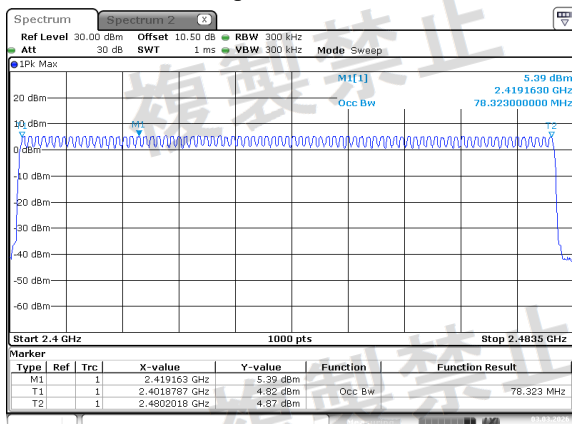
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:04:12

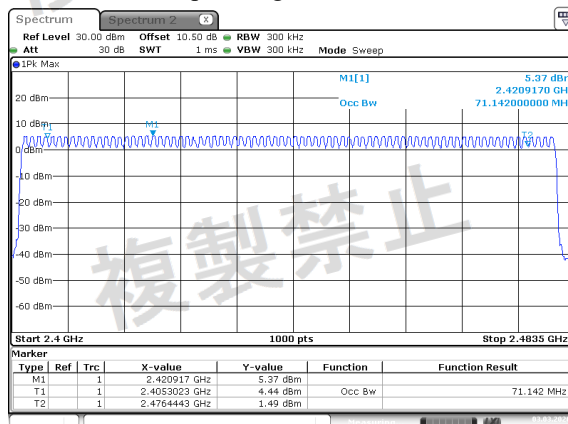
8DPSK_Hopping_3DH3

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:07:56

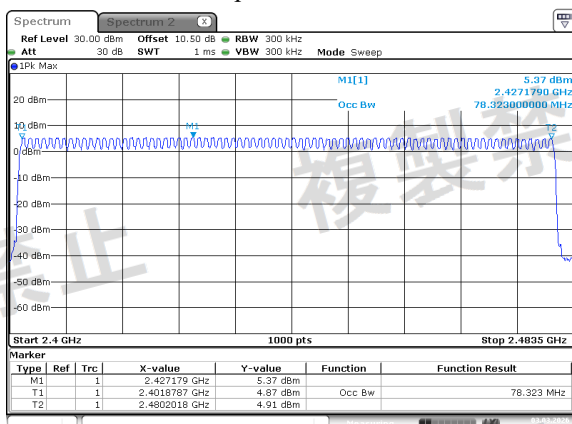
Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:10:48

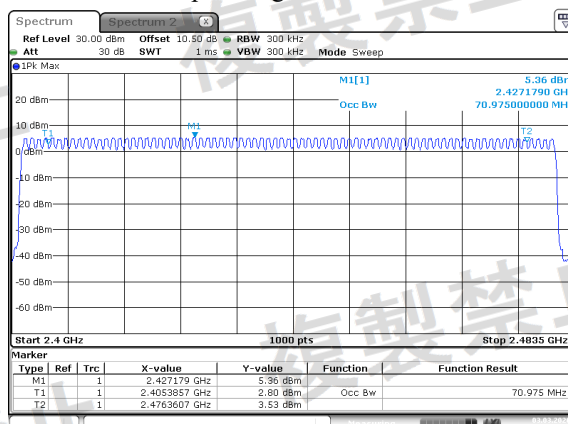
8DPSK_Hopping_3DH5

Occupied Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:14:21

Spreading Bandwidth



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 21:17:38

Transmitter Spurious Emission and Unwanted Emission Intensity**Test Information:**

Serial No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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Test Condition: NV, GFSK

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	320.27	-51.25	0.007	0.25	Pass
	Band II (1MHz)	1000	2387	2211.89	-44.73	0.034	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-30.13	0.971	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2491.0303	-44.32	0.037	25	Pass
	Band V (1MHz)	2496.5	12500	3509.4	-38.29	0.148	2.50	Pass
Middle	Band I (100kHz)	30	1000	320.27	-50.64	0.009	0.25	Pass
	Band II (1MHz)	1000	2387	2216.75	-43.92	0.041	2.50	Pass
	Band III (1MHz)	2387	2400	2393.2823	-44.38	0.036	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2495.3788	-44.68	0.034	25	Pass
	Band V (1MHz)	2496.5	12500	5810.2	-40.24	0.095	2.50	Pass
High	Band I (100kHz)	30	1000	320.27	-51.30	0.007	0.25	Pass
	Band II (1MHz)	1000	2387	2206.34	-45.46	0.028	2.50	Pass
	Band III (1MHz)	2387	2400	2392.5998	-44.82	0.033	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.6593	-42.80	0.052	25	Pass
	Band V (1MHz)	2496.5	12500	6920.5	-40.17	0.096	2.50	Pass

Test Condition: NV, $\pi/4$ -DQPSK

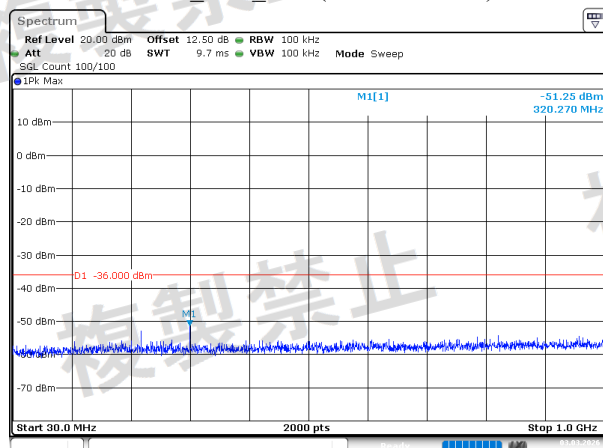
Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm/RBW)	Result (μ W/RBW)	Limit (μ W/RBW)	Verdict
		Start(MHz)	Stop(MHz)					
Low	Band I (100kHz)	30	1000	320.27	-51.34	0.007	0.25	Pass
	Band II (1MHz)	1000	2387	2261.13	-45.53	0.028	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-23.89	4.083	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2492.6163	-45.12	0.031	25	Pass
	Band V (1MHz)	2496.5	12500	6415.4	-40.40	0.091	2.50	Pass
Middle	Band I (100kHz)	30	1000	320.27	-51.39	0.007	0.25	Pass
	Band II (1MHz)	1000	2387	2311.76	-45.50	0.028	2.50	Pass
	Band III (1MHz)	2387	2400	2391.2738	-44.88	0.033	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2490.7508	-44.77	0.033	25	Pass
	Band V (1MHz)	2496.5	12500	6130.3	-39.86	0.103	2.50	Pass
High	Band I (100kHz)	30	1000	320.27	-52.19	0.006	0.25	Pass
	Band II (1MHz)	1000	2387	1507.99	-45.23	0.030	2.50	Pass
	Band III (1MHz)	2387	2400	2395.1023	-45.11	0.031	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.5228	-43.81	0.042	25	Pass
	Band V (1MHz)	2496.5	12500	6810.5	-40.07	0.098	2.50	Pass

Test Condition: NV, 8DPSK

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	320.27	-51.97	0.006	0.25	Pass
	Band II (1MHz)	1000	2387	2370.7	-45.61	0.027	2.50	Pass
	Band III (1MHz)	2387	2400	2399.9968	-24.79	3.319	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2494.2088	-45.07	0.031	25	Pass
	Band V (1MHz)	2496.5	12500	3404.3	-39.08	0.124	2.50	Pass
Middle	Band I (100kHz)	30	1000	320.27	-51.96	0.006	0.25	Pass
	Band II (1MHz)	1000	2387	2108.56	-45.57	0.028	2.50	Pass
	Band III (1MHz)	2387	2400	2397.3578	-44.63	0.034	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2495.6908	-44.63	0.034	25	Pass
	Band V (1MHz)	2496.5	12500	6965.6	-39.95	0.101	2.50	Pass
High	Band I (100kHz)	30	1000	320.27	-51.01	0.008	0.25	Pass
	Band II (1MHz)	1000	2387	1694.54	-44.69	0.034	2.50	Pass
	Band III (1MHz)	2387	2400	2394.7058	-45.07	0.031	25	Pass
	Band IV (1MHz)	2483.5	2496.5	2483.6398	-43.10	0.049	25	Pass
	Band V (1MHz)	2496.5	12500	3404.3	-34.53	0.352	2.50	Pass

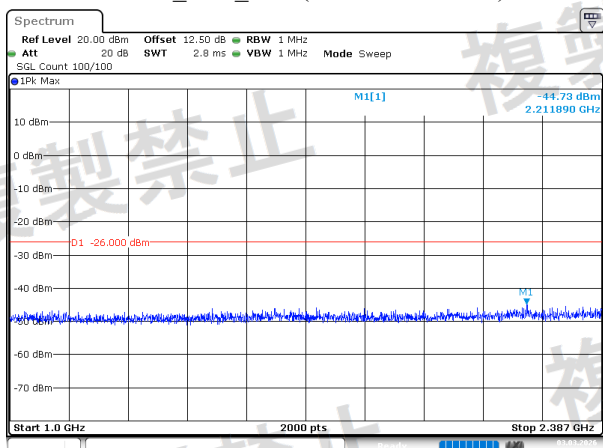
Test Condition: NV

GFSK_Low_DH1(30MHz~1GHz)



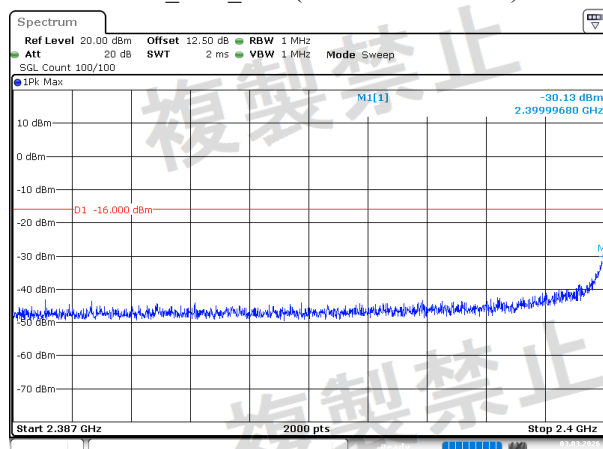
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:34:46

GFSK_Low_DH1(1GHz~2.387GHz)



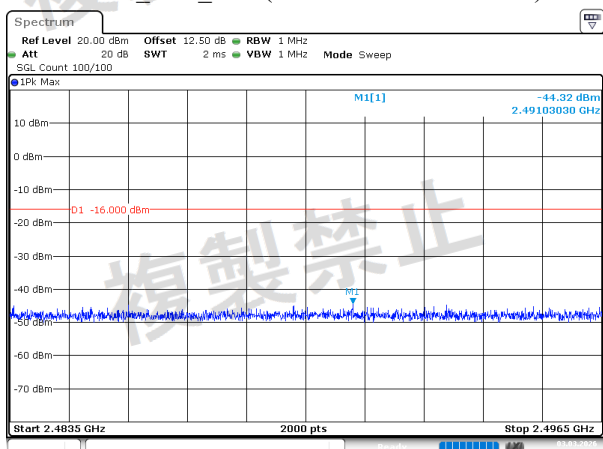
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:34:58

GFSK_Low_DH1(2.387GHz~2.4GHz)



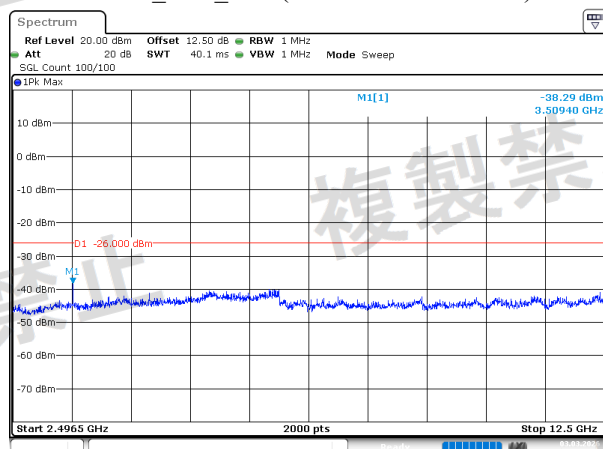
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:35:10

GFSK_Low_DH1(2.4835GHz~2.4965GHz)



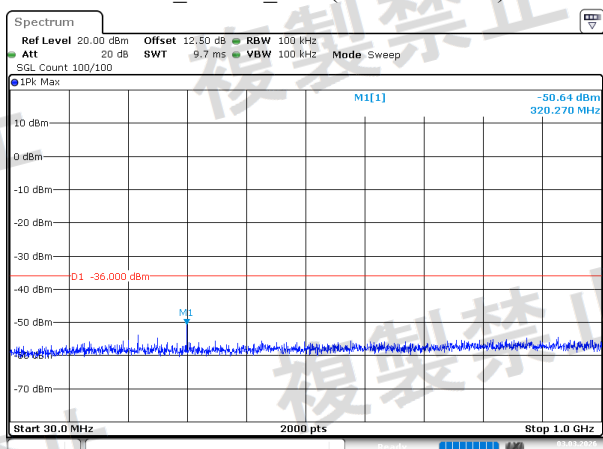
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:35:22

GFSK_Low_DH1(2.4965GHz~12.5GHz)



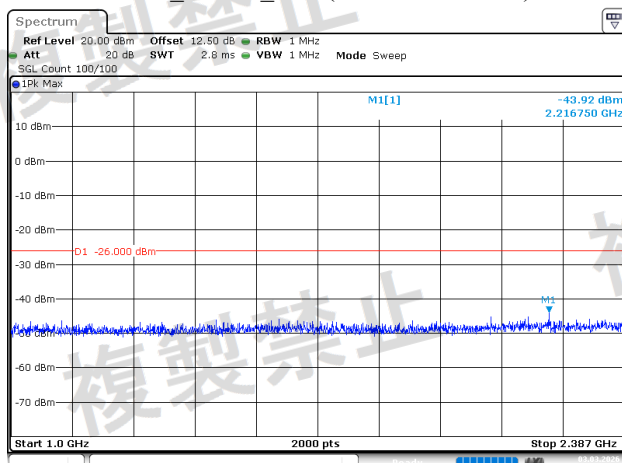
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:35:45

GFSK_Middle_DH1(30MHz~1GHz)



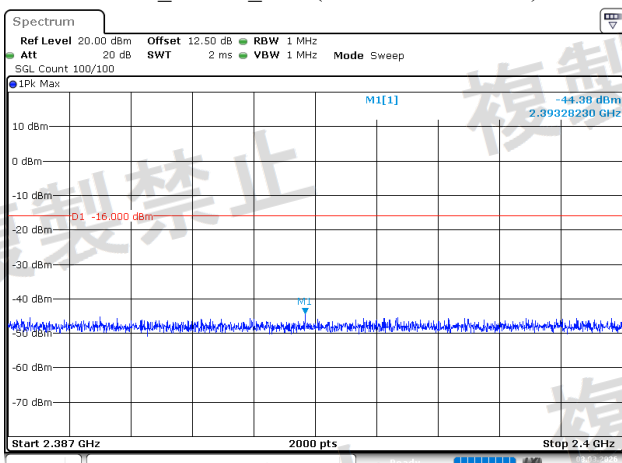
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:36:12

GFSK_Middle_DH1(1GHz~2.387GHz)



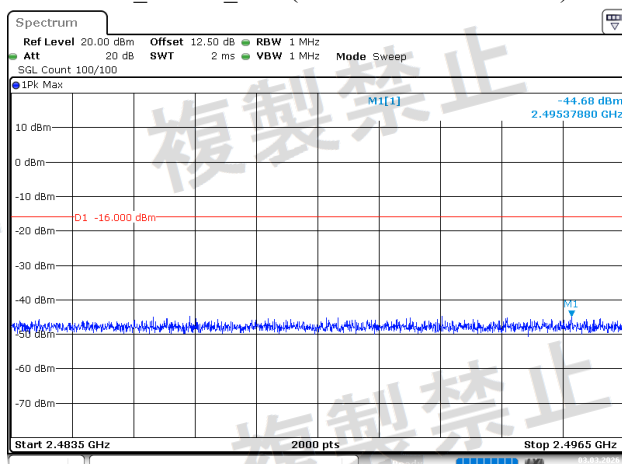
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:36:25

GFSK_Middle_DH1(2.387GHz~2.4GHz)



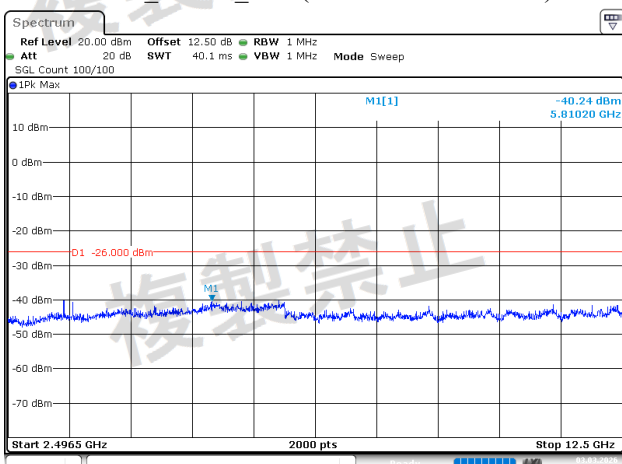
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:36:33

GFSK_Middle_DH1(2.4835GHz~2.4965GHz)



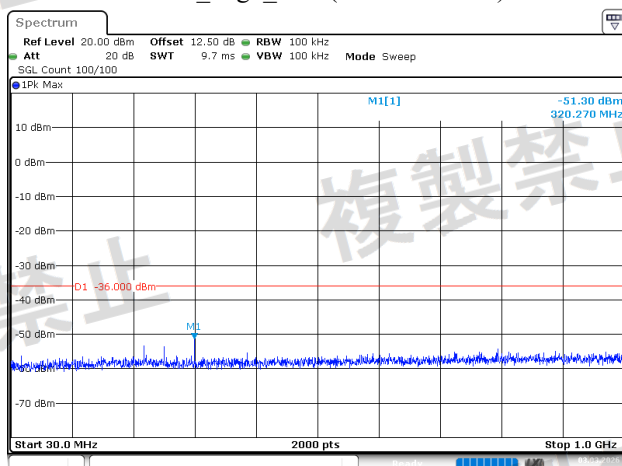
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:36:51

GFSK_Middle_DH1(2.4965GHz~12.5GHz)



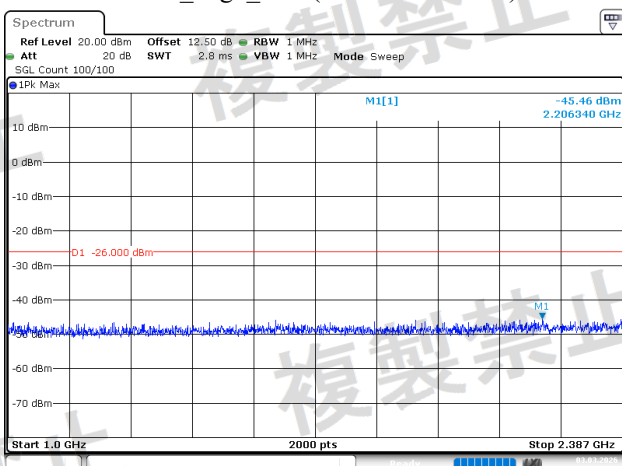
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:51:46

GFSK_High_DH1(30MHz~1GHz)



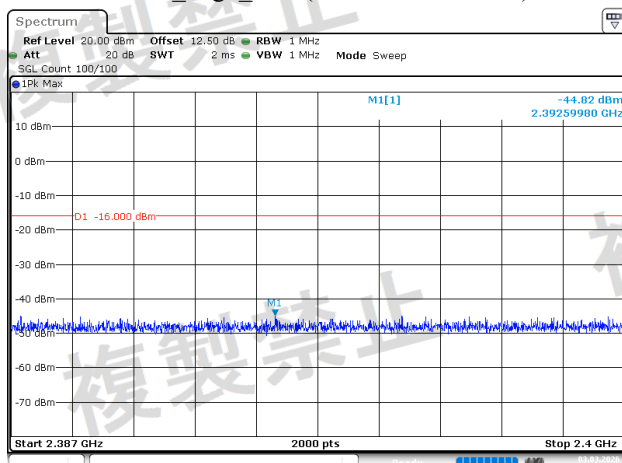
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:37:59

GFSK_High_DH1(1GHz~2.387GHz)



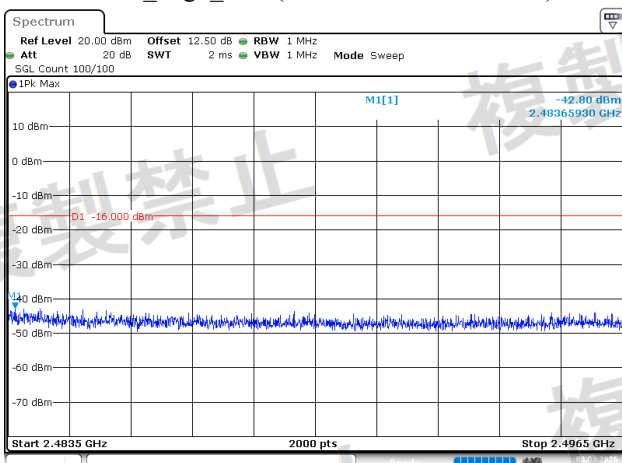
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:38:11

GFSK_High_DH1(2.387GHz~2.4GHz)



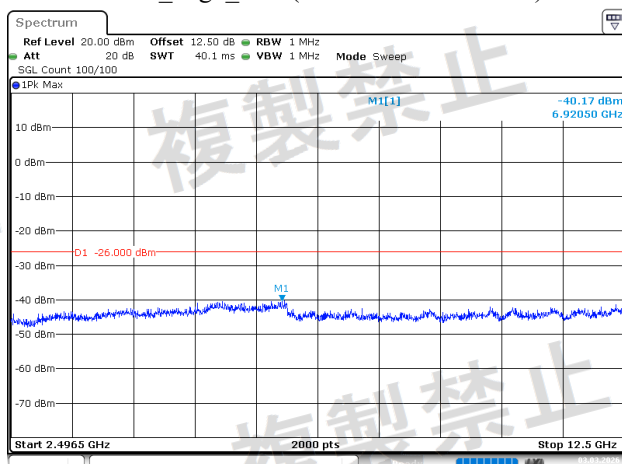
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:38:25

GFSK_High_DH1(2.4835GHz~2.4965GHz)

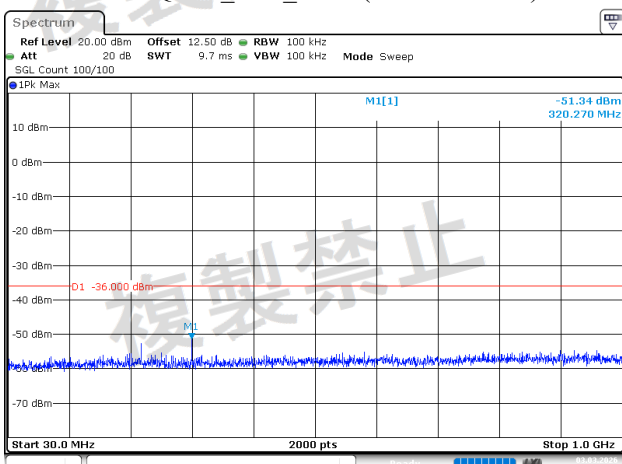


ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:38:33

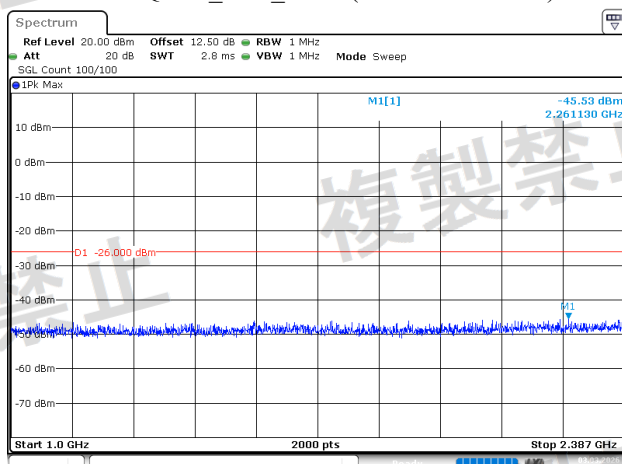
GFSK_High_DH1(2.4965GHz~12.5GHz)



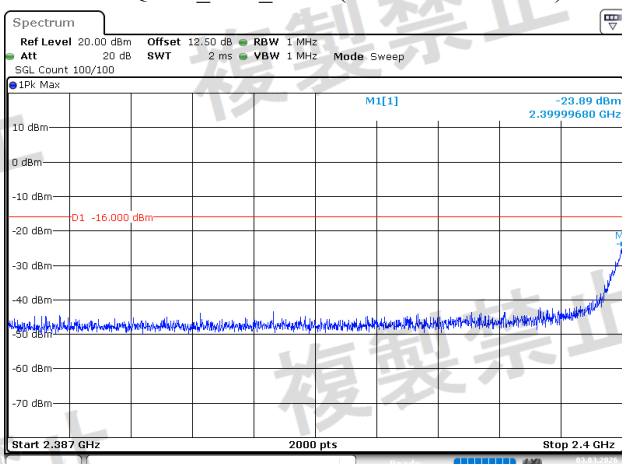
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:39:03

 $\pi/4$ -DQPSK_Low_2DH1(30MHz~1GHz)

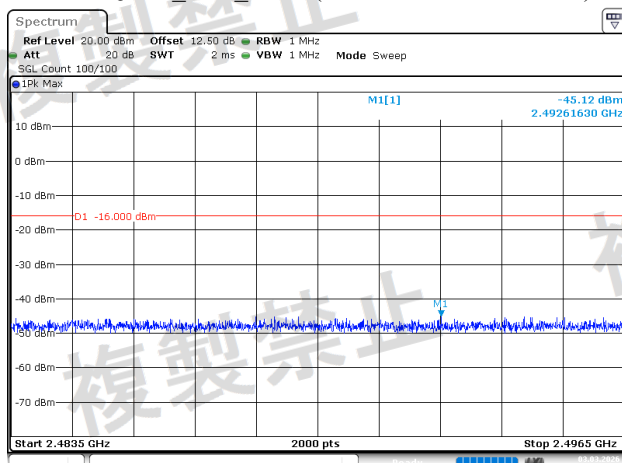
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:39:28

 $\pi/4$ -DQPSK_Low_2DH1(1GHz~2.387GHz)

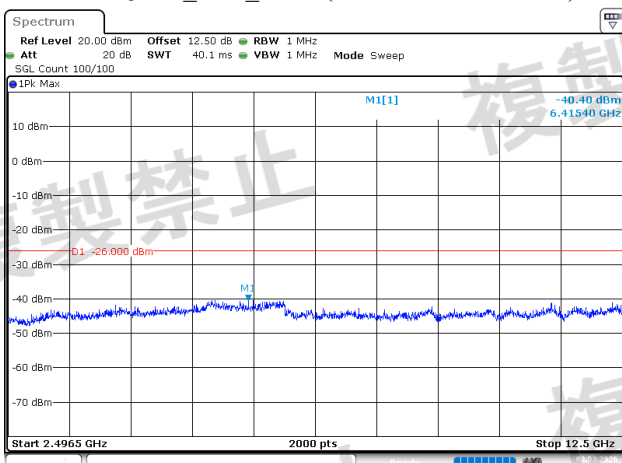
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:39:41

 $\pi/4$ -DQPSK_Low_2DH1(2.387GHz~2.4GHz)

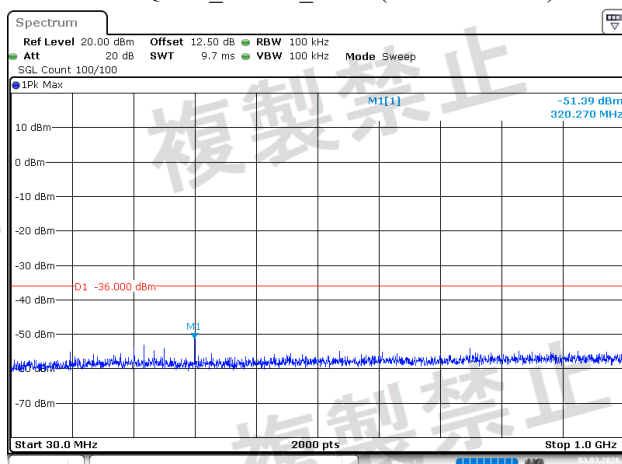
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:39:53

$\pi/4$ -DQPSK_Low_2DH1(2.4835GHz~2.4965GHz)

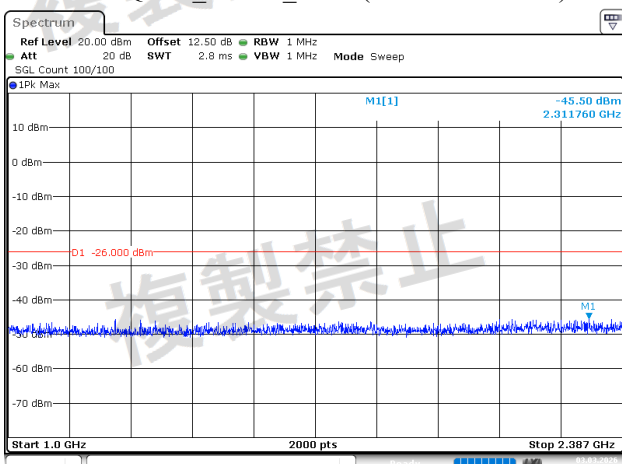
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:40:05

 $\pi/4$ -DQPSK_Low_2DH1(2.4965GHz~12.5GHz)

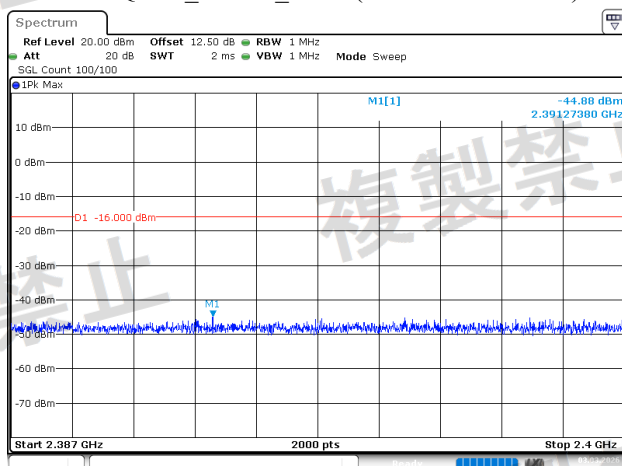
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:40:29

 $\pi/4$ -DQPSK_Middle_2DH1(30MHz~1GHz)

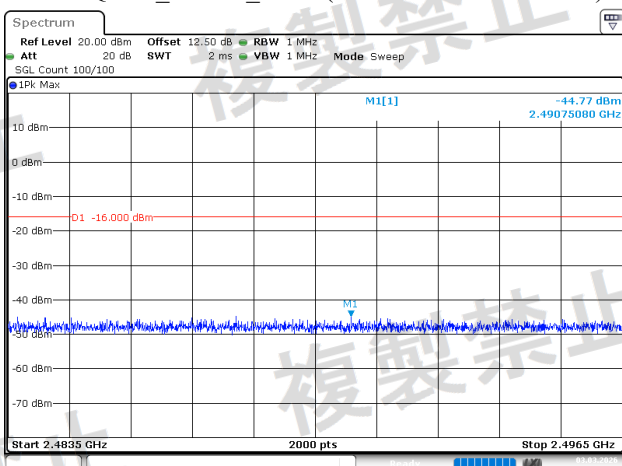
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:41:03

 $\pi/4$ -DQPSK_Middle_2DH1(1GHz~2.387GHz)

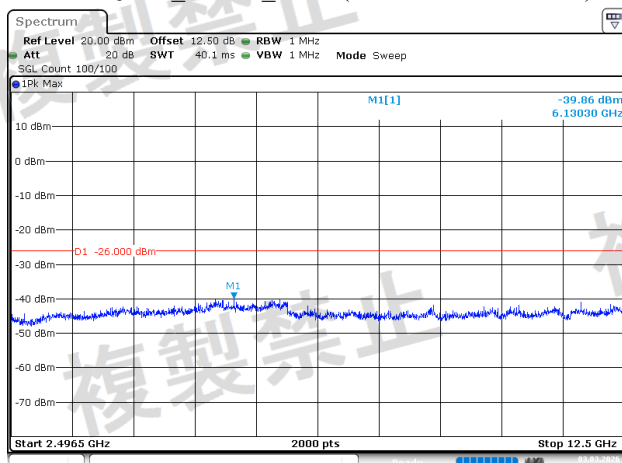
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:41:16

 $\pi/4$ -DQPSK_Middle_2DH1(2.387GHz~2.4GHz)

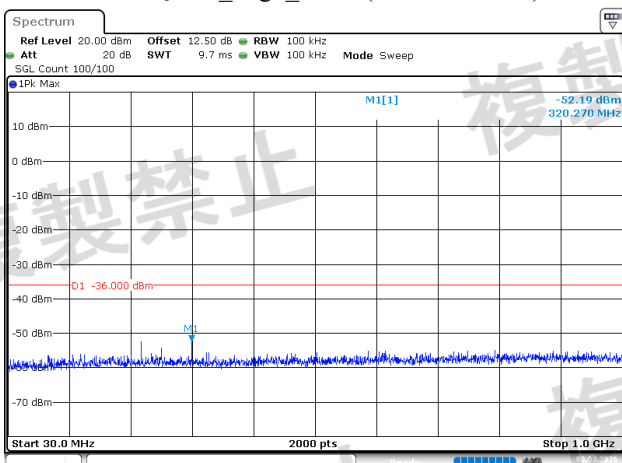
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:41:28

 $\pi/4$ -DQPSK_Middle_2DH1(2.4835GHz~2.4965GHz)

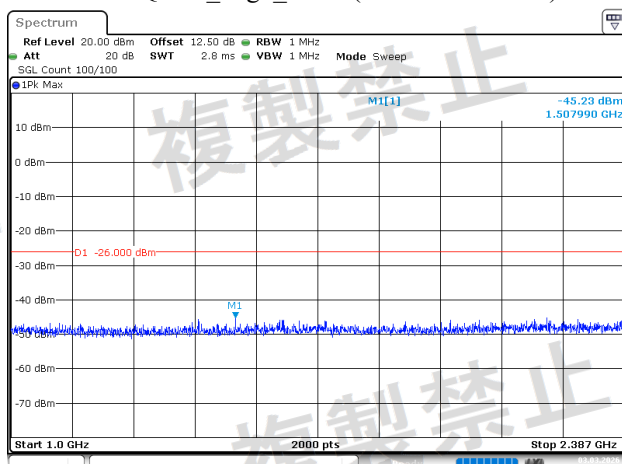
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:41:41

$\pi/4$ -DQPSK_Middle_2DH1(2.4965GHz~12.5GHz)

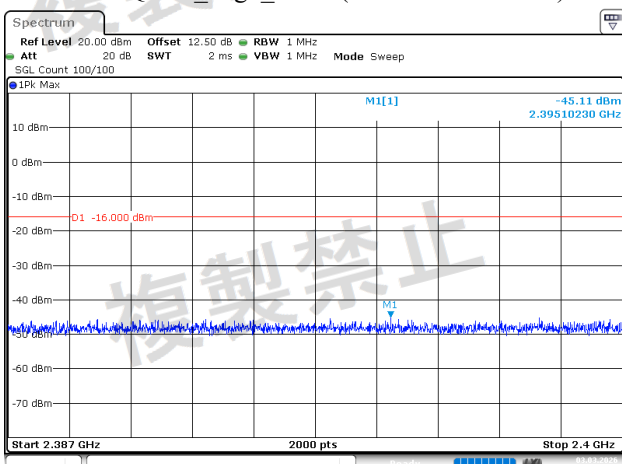
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:45:22

 $\pi/4$ -DQPSK_High_2DH1(30MHz~1GHz)

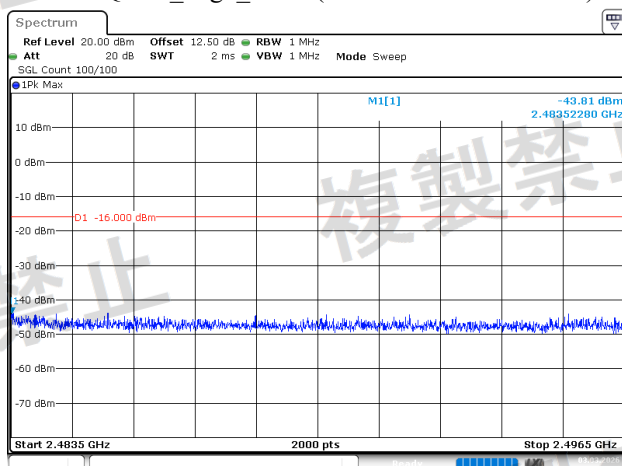
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:43:32

 $\pi/4$ -DQPSK_High_2DH1(1GHz~2.387GHz)

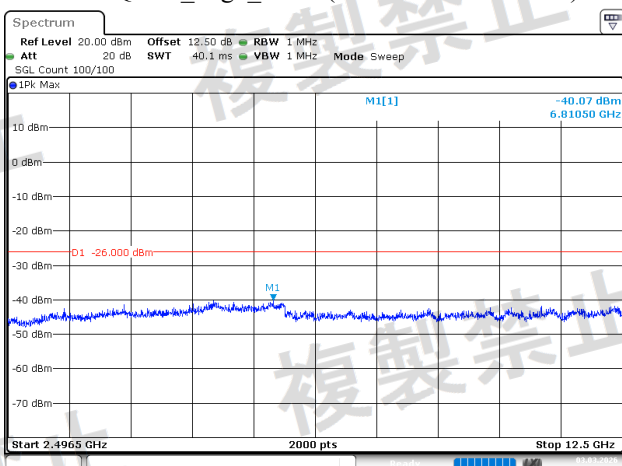
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:43:46

 $\pi/4$ -DQPSK_High_2DH1(2.387GHz~2.4GHz)

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:43:59

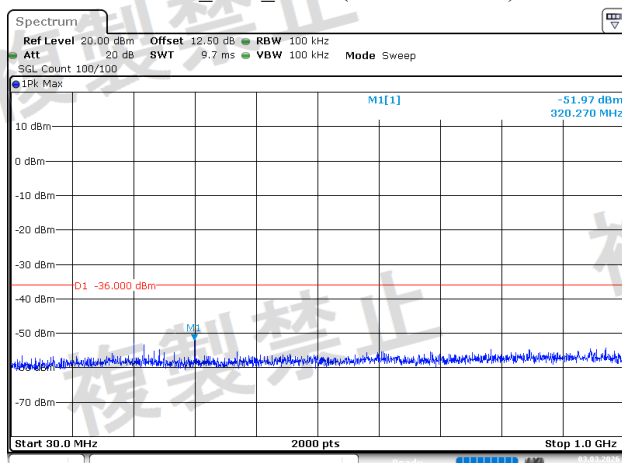
 $\pi/4$ -DQPSK_High_2DH1(2.4835GHz~2.4965GHz)

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:44:11

 $\pi/4$ -DQPSK_High_2DH1(2.4965GHz~12.5GHz)

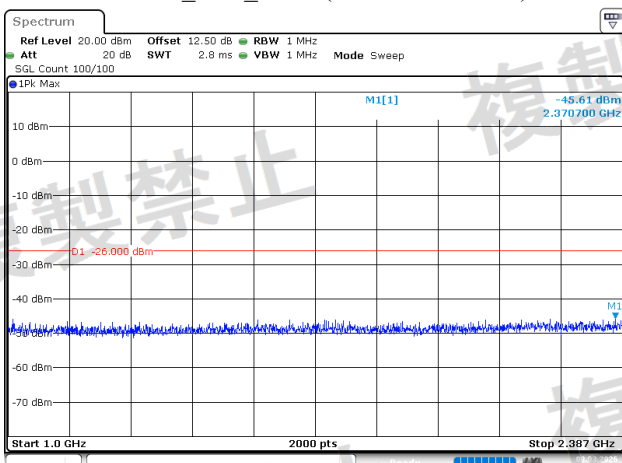
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:44:34

8DPSK_Low_3DH1(30MHz~1GHz)



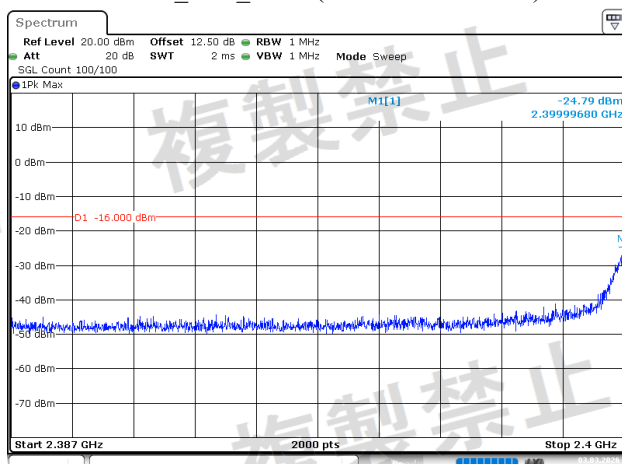
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Date: 3.MAR.2026 22:45:53

8DPSK_Low_3DH1(1GHz~2.387GHz)



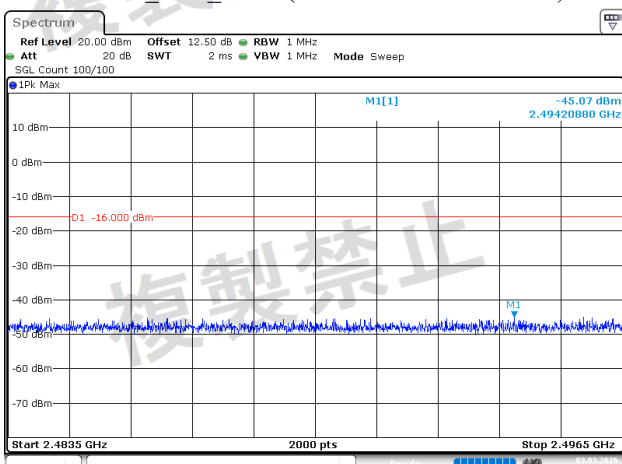
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:46:06

8DPSK_Low_3DH1(2.387GHz~2.4GHz)



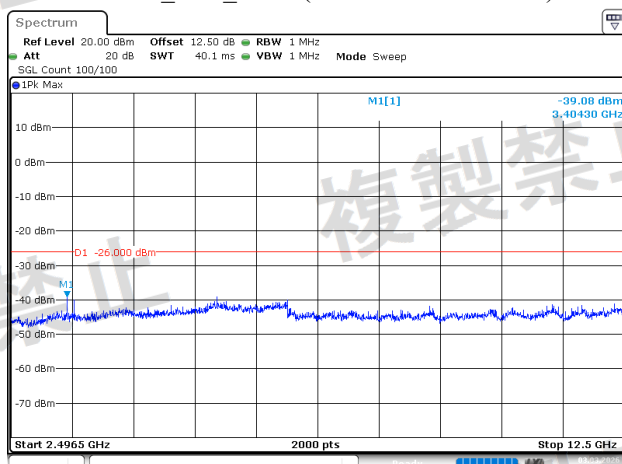
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:46:20

8DPSK_Low_3DH1(2.4835GHz~2.4965GHz)



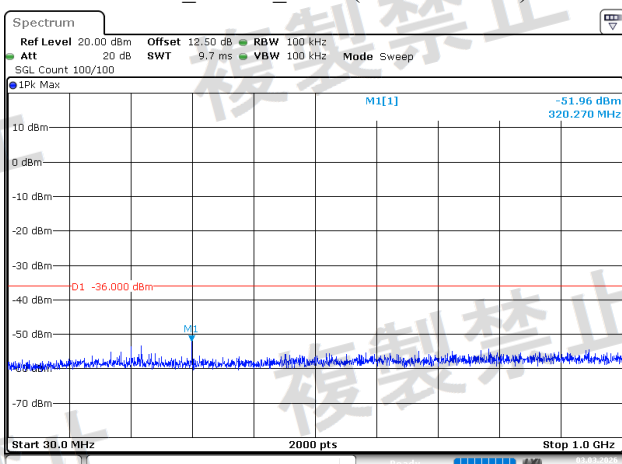
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:46:32

8DPSK_Low_3DH1(2.4965GHz~12.5GHz)



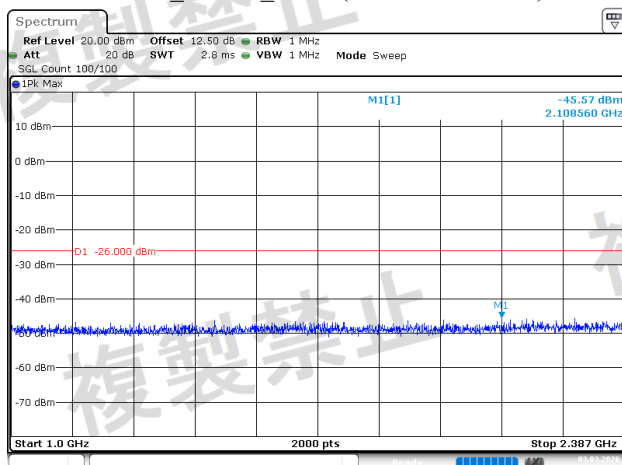
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:46:55

8DPSK_Middle_3DH1(30MHz~1GHz)



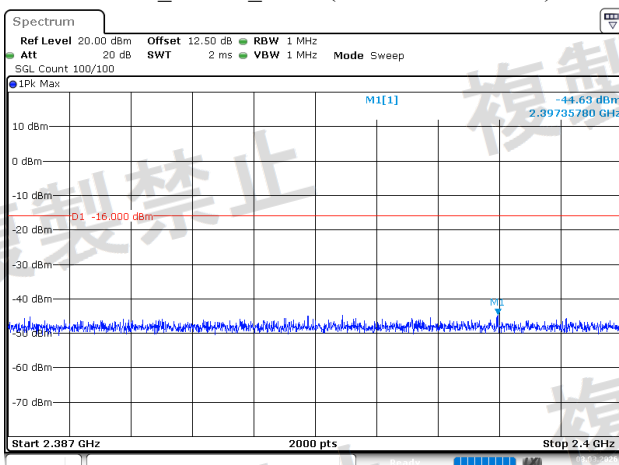
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:47:21

8DPSK_Middle_3DH1(1GHz~2.387GHz)



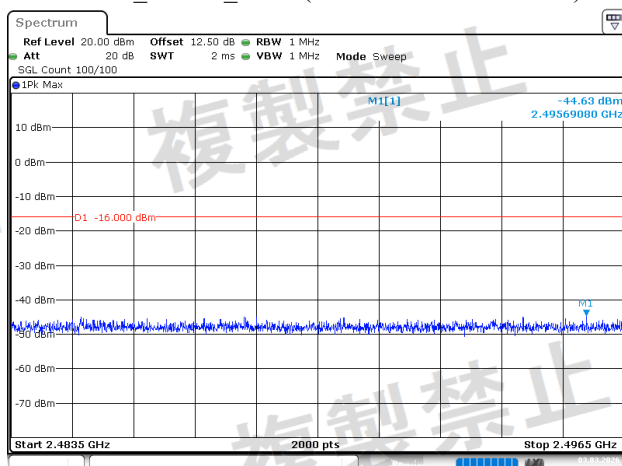
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:47:35

8DPSK_Middle_3DH1(2.387GHz~2.4GHz)



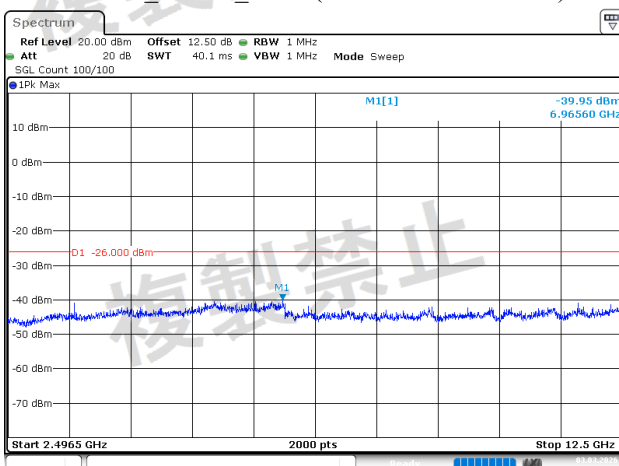
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:47:50

8DPSK_Middle_3DH1(2.4835GHz~2.4965GHz)



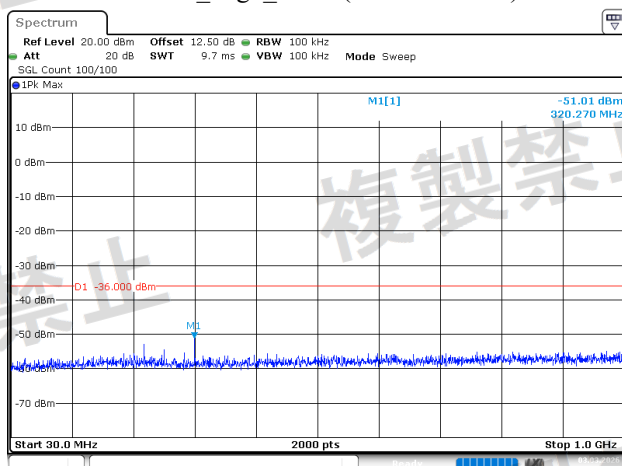
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:48:03

8DPSK_Middle_3DH1(2.4965GHz~12.5GHz)



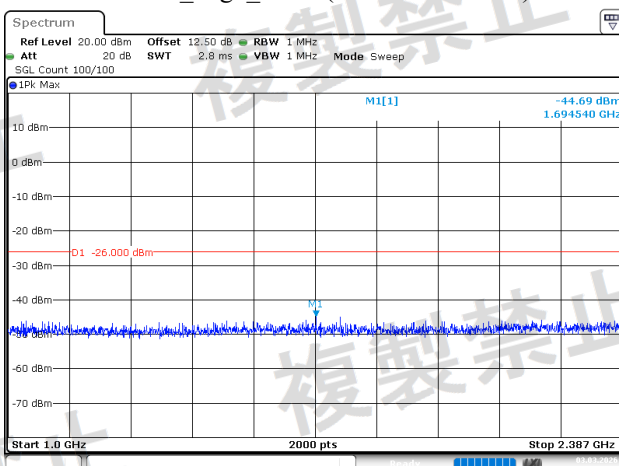
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:48:28

8DPSK_High_3DH1(30MHz~1GHz)



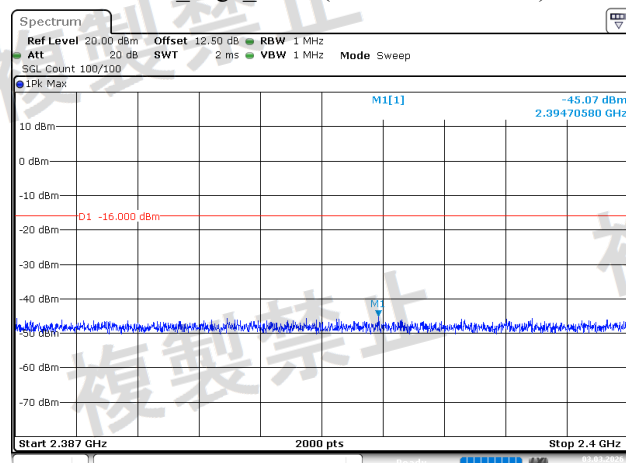
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:48:54

8DPSK_High_3DH1(1GHz~2.387GHz)



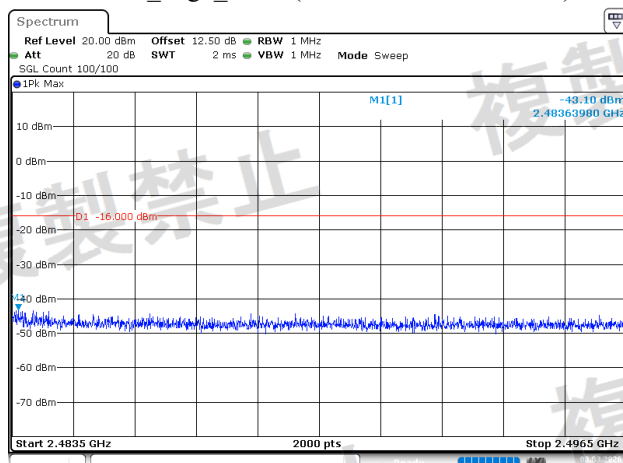
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:49:07

8DPSK_High_3DH1(2.387GHz~2.4GHz)



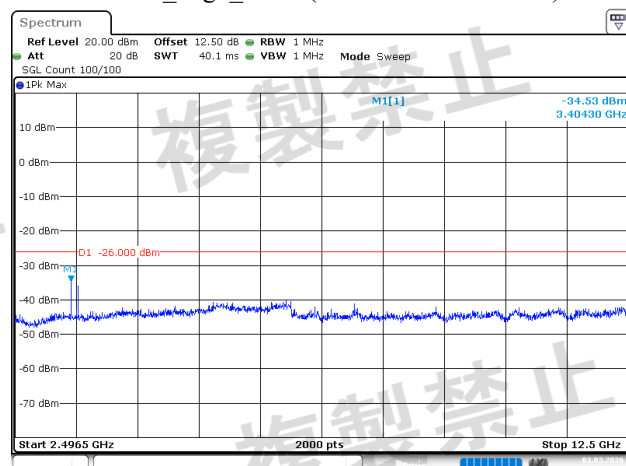
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:49:22

8DPSK_High_3DH1(2.4835GHz~2.4965GHz)



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:49:34

8DPSK_High_3DH1(2.4965GHz~12.5GHz)



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:49:59

Antenna Output Power and Output Power Tolerance**Test Information:**

Serial No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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Test Condition: NV

Mode	Antenna gain (dBi)	Declared power (mW/MHz)
GFSK	3.96	0.050
$\pi/4$ -DQPSK		0.050
8DPSK		0.050

Mode	Antenna output power (dBm)	Spread bandwidth (MHz)	Antenna output power (mW/MHz)		Antenna output power tolerance(%)		EIRP (dBm/MHz)		Verdict
			Result	Limit	Result	Limit	Result	Limit	
GFSK	5.05	70.892	0.045	≤ 3	-10.00	$\leq +20$	-9.51	≤ 6.91	Pass
$\pi/4$ -DQPSK	3.65	71.059	0.033	≤ 3	-34.00	$\leq +20$	-10.85	≤ 6.91	Pass
8DPSK	3.59	70.975	0.032	≤ 3	-36.00	$\leq +20$	-10.99	≤ 6.91	Pass

Note:

 $\text{Antenna output power(mW)} = 10^{\{\text{Antenna output power(dBm)} / 10\}}$ $\text{Antenna output power(mW/MHz)} = \text{Antenna output power(mW)} / \text{Spread bandwidth(MHz)}$ $\text{Antenna output power Tolerance(\%)} = (\text{Antenna output power(mW/MHz)} - \text{Declared power}) / \text{Declared power} * 100\%$ $\text{Antenna output power(dBm/MHz)} = 10 * \log_{10}\{\text{Antenna output power(mW/MHz)}\}$ $\text{EIRP(dBm/MHz)} = \text{Antenna output power(dBm/MHz)} + \text{Antenna gain.}$

Receiver Spurious Emission and Unwanted Emission Intensity**Test Information:**

Serial No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Receiving
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

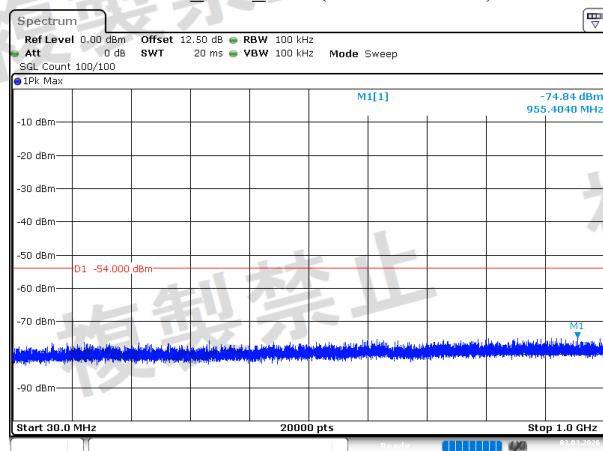
Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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Test Condition: NV

Mode	Channel	Test Band (RBW)	Frequency Range		Max.Emission Located(MHz)	Result (dBm)	Result (nW)	Limit (nW)	Verdict
			Start(MHz)	Stop(MHz)					
GFSK	Low	Band I (100kHz)	30	1000	955.404	-74.84	0.033	4	Pass
		Band II (1MHz)	1000	12500	6975.69	-59.26	1.186	20	Pass
	Middle	Band I (100kHz)	30	1000	798.07	-74.42	0.036	4	Pass
		Band II (1MHz)	1000	12500	6970.51	-60.27	0.940	20	Pass
	High	Band I (100kHz)	30	1000	939.884	-74.27	0.037	4	Pass
		Band II (1MHz)	1000	12500	6651.39	-60.00	1	20	Pass
$\pi/4$ - DQPSK	Low	Band I (100kHz)	30	1000	951.864	-74.66	0.034	4	Pass
		Band II (1MHz)	1000	12500	6969.94	-59.67	1.079	20	Pass
	Middle	Band I (100kHz)	30	1000	825.667	-74.45	0.036	4	Pass
		Band II (1MHz)	1000	12500	6840.56	-59.54	1.112	20	Pass
	High	Band I (100kHz)	30	1000	762.326	-74.98	0.032	4	Pass
		Band II (1MHz)	1000	12500	6997.54	-60.09	0.979	20	Pass
8DPSK	Low	Band I (100kHz)	30	1000	699.421	-74.93	0.032	4	Pass
		Band II (1MHz)	1000	12500	6968.21	-59.79	1.050	20	Pass
	Middle	Band I (100kHz)	30	1000	835.027	-74.71	0.034	4	Pass
		Band II (1MHz)	1000	12500	6962.46	-59.72	1.067	20	Pass
	High	Band I (100kHz)	30	1000	663.725	-74.84	0.033	4	Pass
		Band II (1MHz)	1000	12500	6999.84	-60.20	0.955	20	Pass

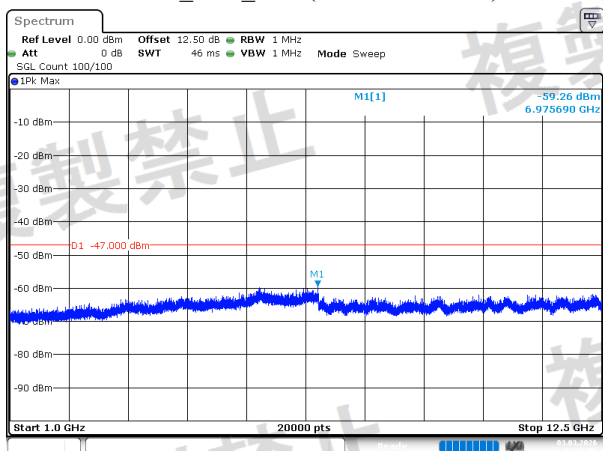
Test Condition: NV

GFSK_Low_DH1(30MHz~1GHz)



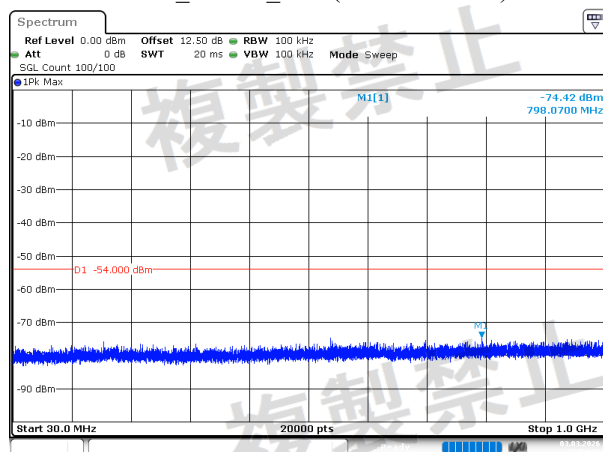
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:53:30

GFSK_Low_DH1(1GHz~12.5GHz)



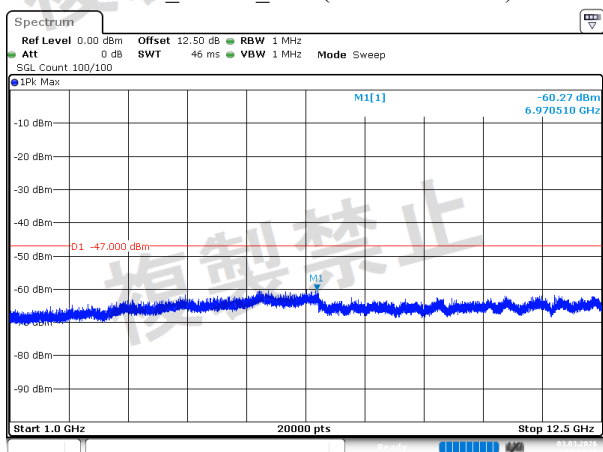
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:53:56

GFSK_Middle_DH1(30MHz~1GHz)



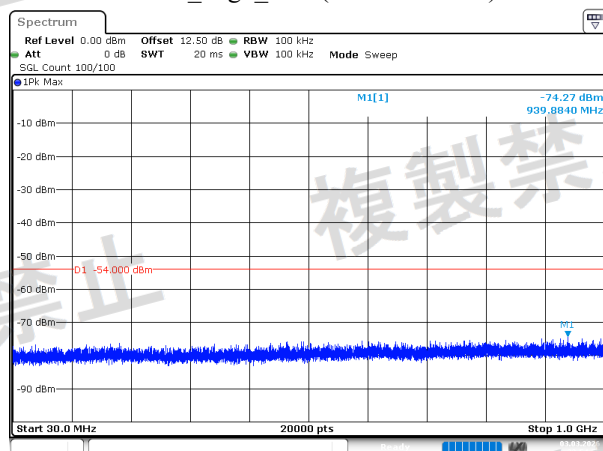
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:54:13

GFSK_Middle_DH1(1GHz~12.5GHz)



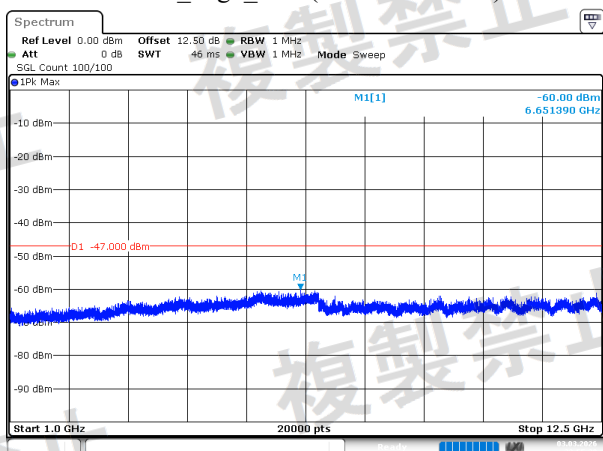
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:54:38

GFSK_High_DH1(30MHz~1GHz)

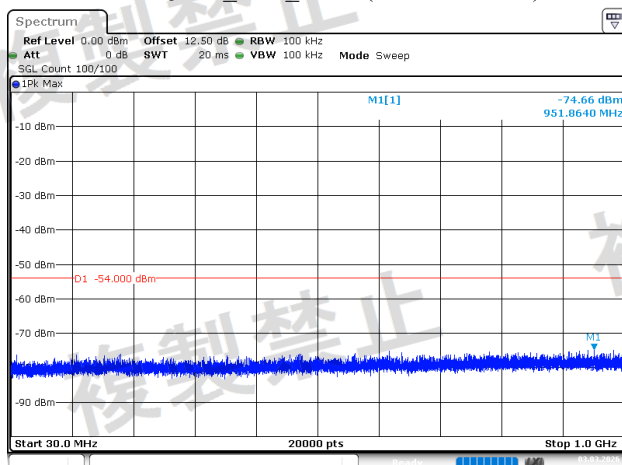


ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:54:56

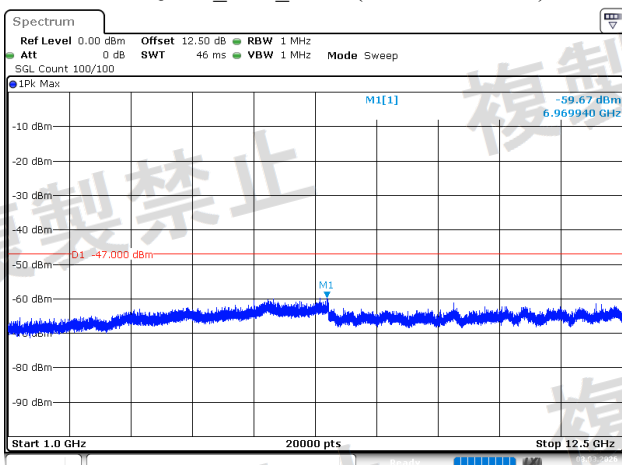
GFSK_High_DH1(1GHz~12.5GHz)



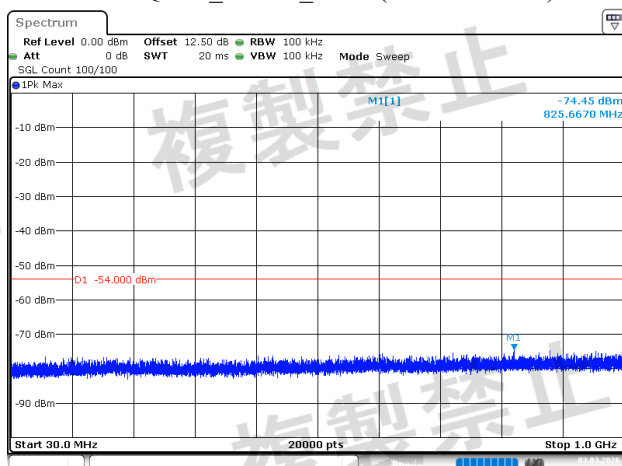
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:55:20

$\pi/4$ -DQPSK_Low_2DH1(30MHz~1GHz)

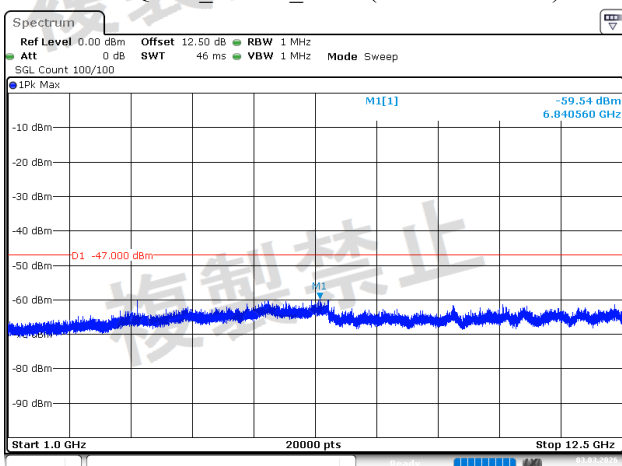
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:55:38

 $\pi/4$ -DQPSK_Low_2DH1(1GHz~12.5GHz)

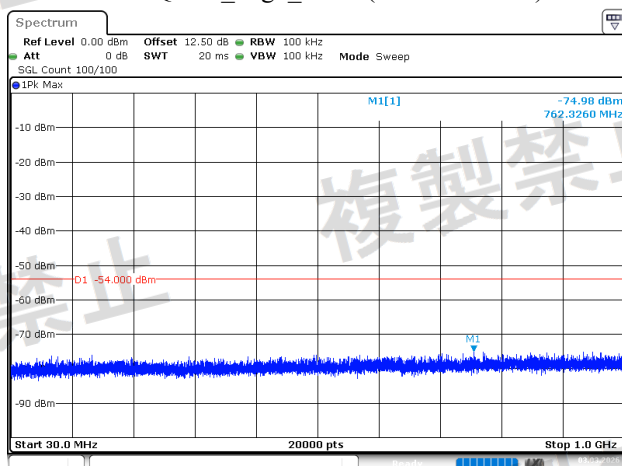
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:56:03

 $\pi/4$ -DQPSK_Middle_2DH1(30MHz~1GHz)

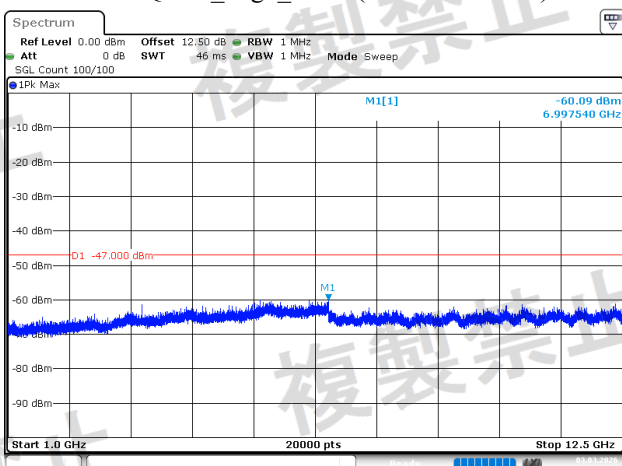
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:56:26

 $\pi/4$ -DQPSK_Middle_2DH1(1GHz~12.5GHz)

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:56:51

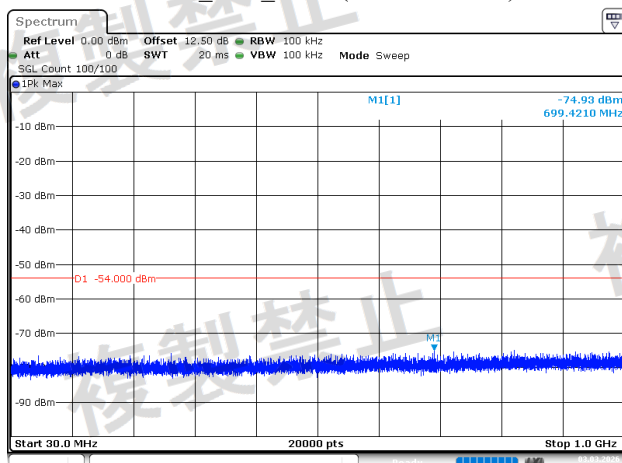
 $\pi/4$ -DQPSK_High_2DH1(30MHz~1GHz)

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:57:07

 $\pi/4$ -DQPSK_High_2DH1(1GHz~12.5GHz)

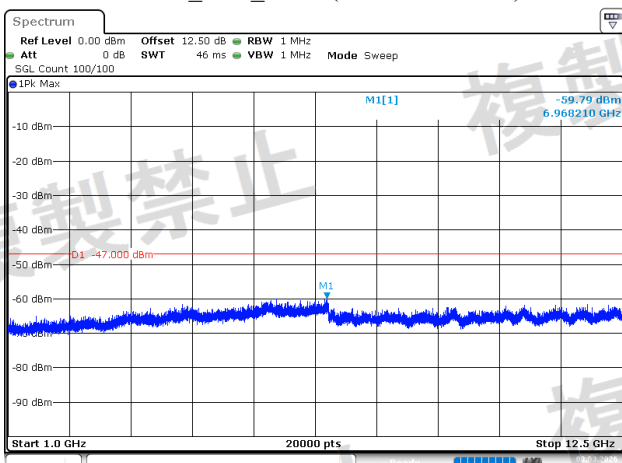
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:57:31

8DPSK_Low_3DH1(30MHz~1GHz)



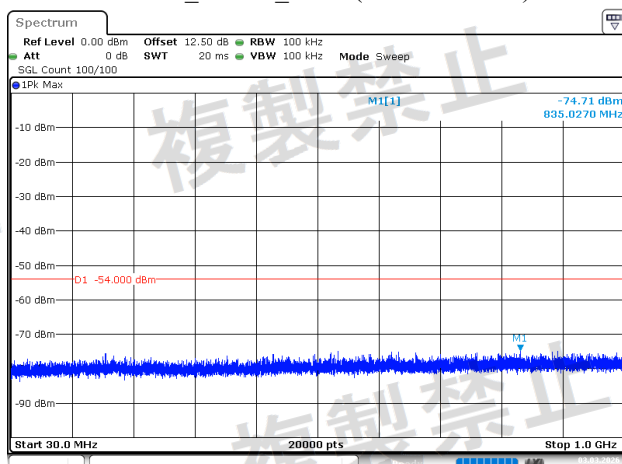
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:57:58

8DPSK_Low_3DH1(1GHz~12.5GHz)



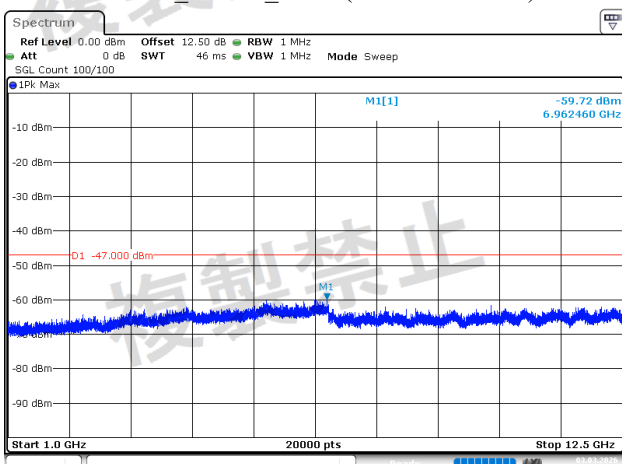
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:58:23

8DPSK_Middle_3DH1(30MHz~1GHz)



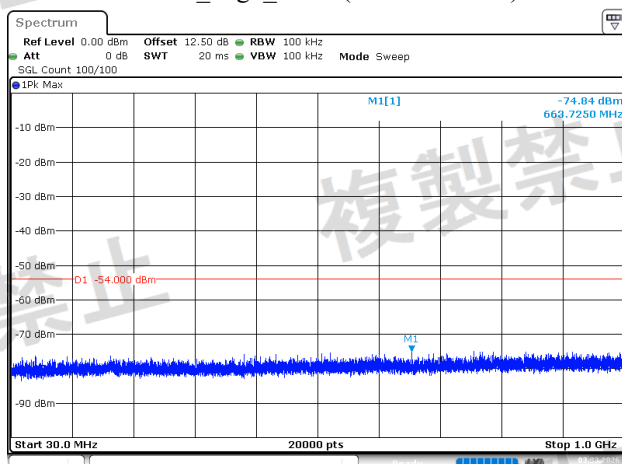
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:58:43

8DPSK_Middle_3DH1(1GHz~12.5GHz)



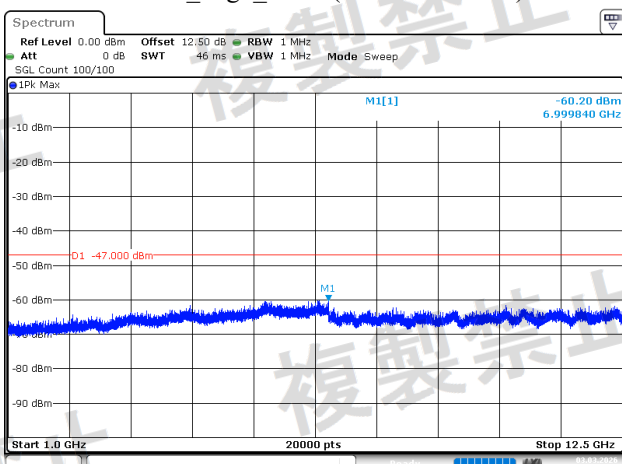
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:59:08

8DPSK_High_3DH1(30MHz~1GHz)



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:59:27

8DPSK_High_3DH1(1GHz~12.5GHz)



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 22:59:53

Frequency Hopping Dwell Time**Test Information:**

Serial No.:	3FUD-2	Test Date:	2026/03/04
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.6	Relative Humidity: (%)	53	ATM Pressure: (kPa)	101.2
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Test Condition: NV

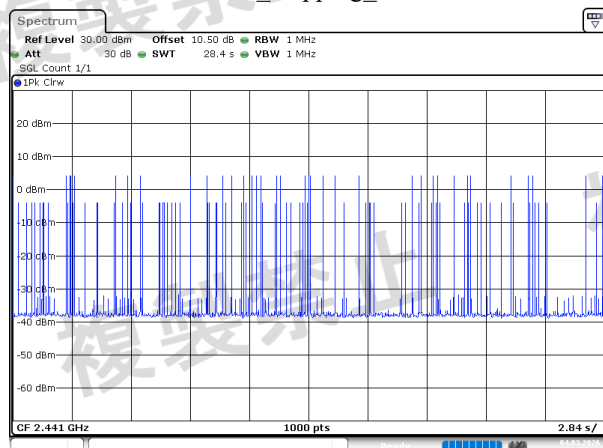
Mode	Packet Type	Spreading bandwidth	Ton (ms)	Observed Period(s)	Hopping Number In Observed Period	Result (s)	Limit(s)	Verdict
GFSK	DH1	70.8920	0.363	28.3568	35	0.013	≤ 0.4	Pass
	DH3	70.8080	1.612	28.3232	36	0.058	≤ 0.4	Pass
	DH5	70.8920	2.858	28.3568	49	0.140	≤ 0.4	Pass
$\pi/4$ -DQPSK	2DH1	71.0590	0.368	28.4236	36	0.013	≤ 0.4	Pass
	2DH3	70.9750	1.615	28.3900	48	0.078	≤ 0.4	Pass
	2DH5	71.1420	2.860	28.4568	40	0.114	≤ 0.4	Pass
8DPSK	3DH1	70.9750	0.367	28.3900	38	0.014	≤ 0.4	Pass
	3DH3	71.1420	1.611	28.4568	52	0.084	≤ 0.4	Pass
	3DH5	70.9750	2.860	28.3900	54	0.154	≤ 0.4	Pass

Note:

1. Result = Time per one hopping (Ton) * hopping number (within the time obtained by multiplying the spread rate by 0.4s).
2. The Spread Bandwidth please refer to Occupied Bandwidth and Spreading Bandwidth.
3. Ton refer to the Duty Cycle.

Test Condition: NV

GFSK_Hopping_DH1



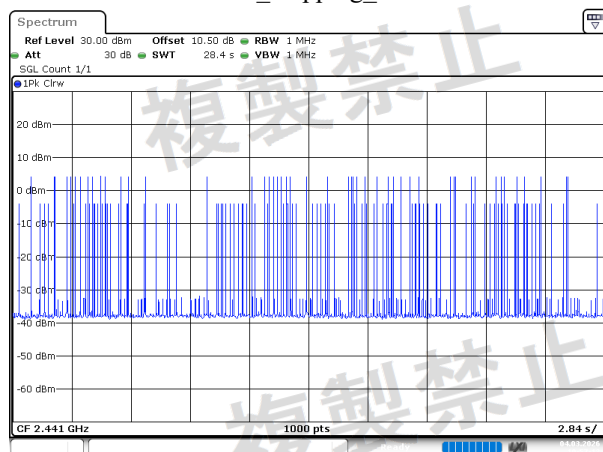
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 10:55:31

GFSK_Hopping_DH3

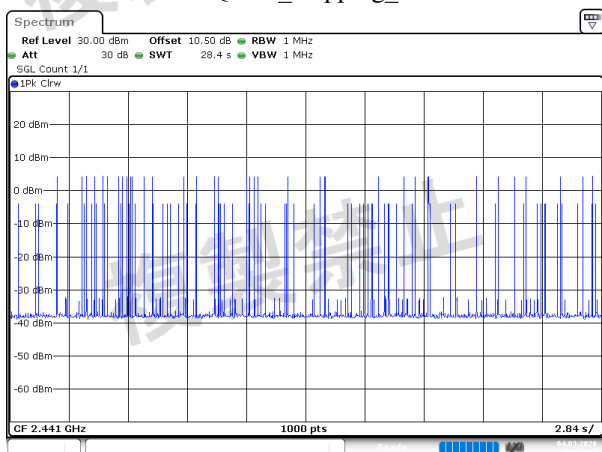


ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 10:56:24

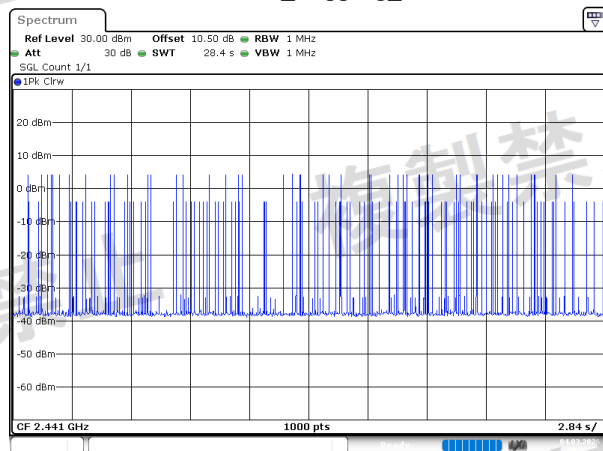
GFSK_Hopping_DH5



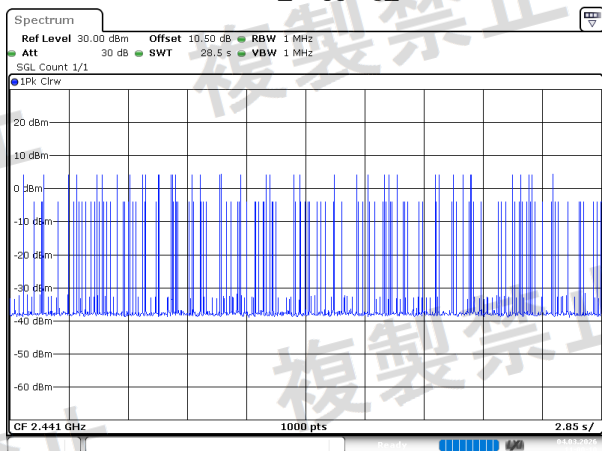
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 10:57:13

 $\pi/4$ -DQPSK_Hopping_2DH1

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 10:58:14

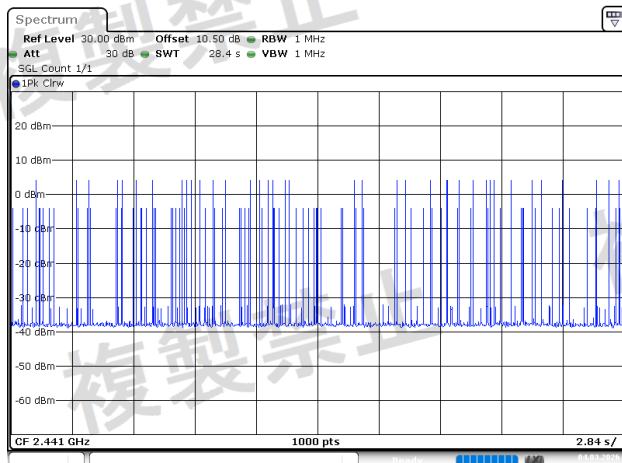
 $\pi/4$ -DQPSK_Hopping_2DH3

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 10:59:23

 $\pi/4$ -DQPSK_Hopping_2DH5

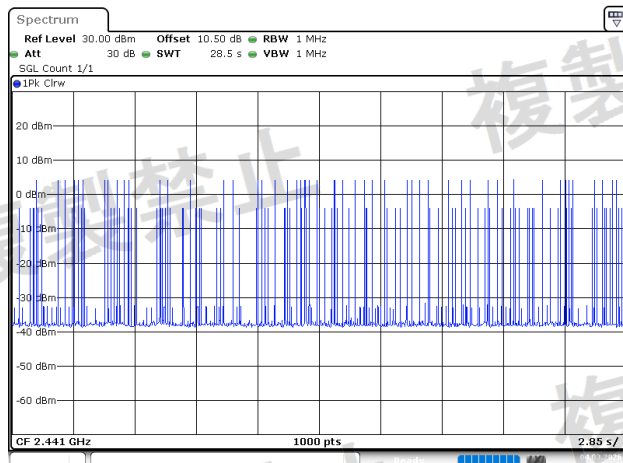
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 11:00:11

8DPSK_Hopping_3DH1



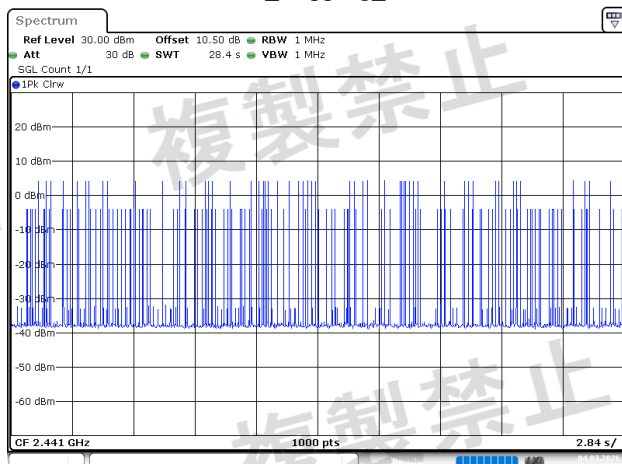
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 11:00:59

8DPSK_Hopping_3DH3



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 11:01:16

8DPSK_Hopping_3DH5



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 4.MAR.2026 11:02:33

Duty Cycle**Test Information:**

Serial No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Transmitting
Tester:	Cheeb Huang	Test Result:	N/A

Environmental Conditions:

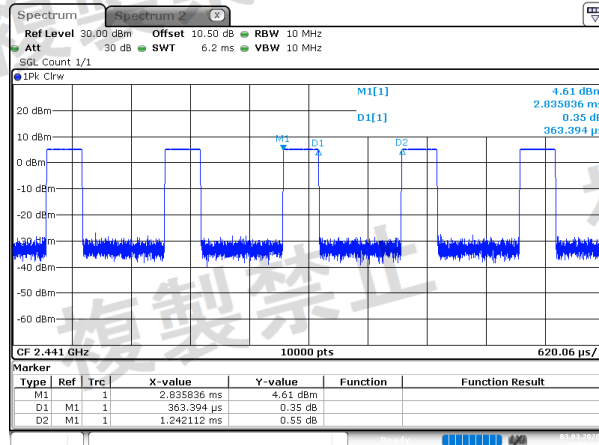
Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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Test Condition: NV

Mode	Packet Type	Ton (ms)	Ton+Toff (ms)	Duty cycle (%)
GFSK	DH1	0.363	1.242	29.23
	DH3	1.612	2.484	64.90
	DH5	2.858	3.736	76.50
$\pi/4$ -DQPSK	2DH1	0.368	1.236	29.77
	2DH3	1.615	2.492	64.81
	2DH5	2.860	3.740	76.47
8DPSK	3DH1	0.367	1.236	29.69
	3DH3	1.611	2.491	64.67
	3DH5	2.860	3.738	76.51

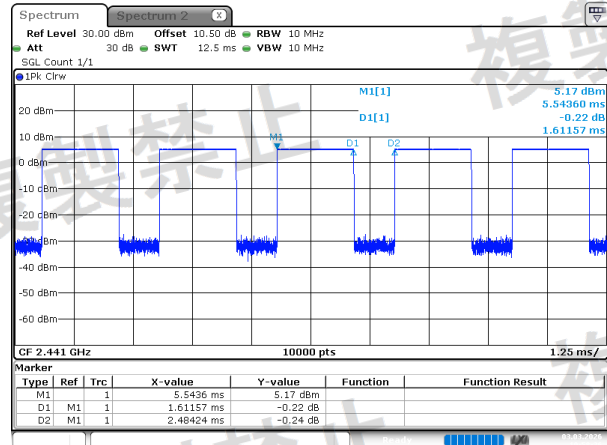
Test Condition: NV

GFSK_Middle_DH1



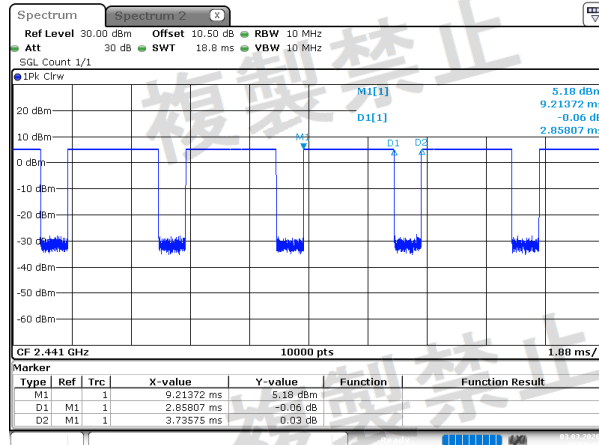
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 19:56:51

GFSK_Middle_DH3

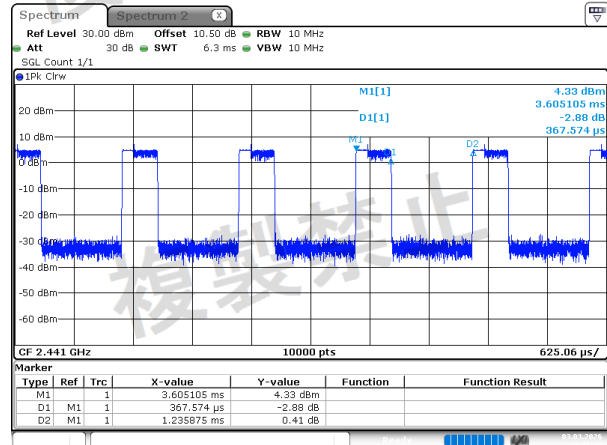


ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 19:58:16

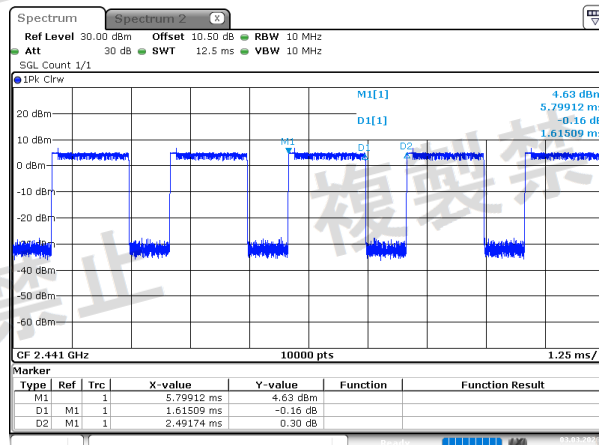
GFSK_Middle_DH5



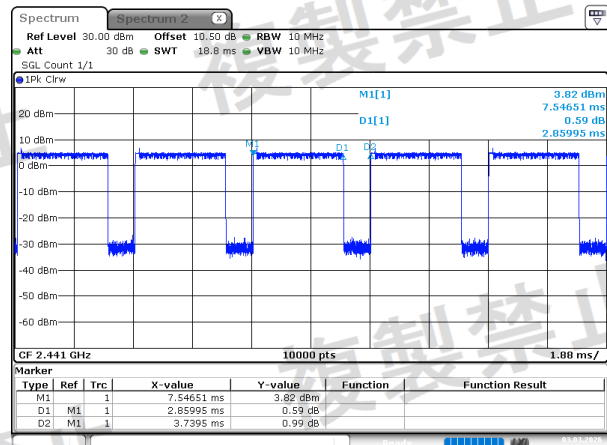
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 19:59:33

 $\pi/4$ -DQPSK_Middle_2DH1

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:01:29

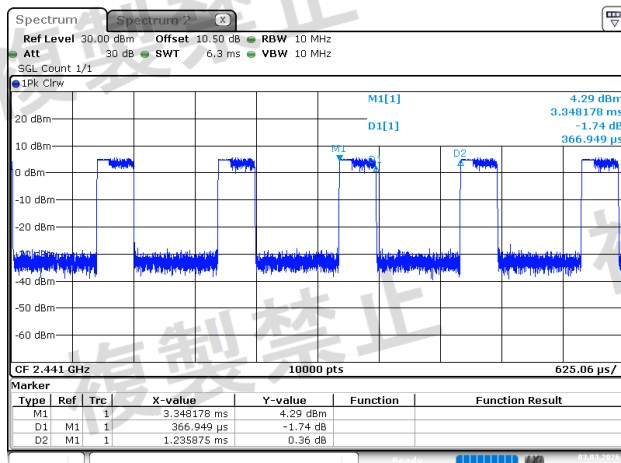
 $\pi/4$ -DQPSK_Middle_2DH3

ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:02:52

 $\pi/4$ -DQPSK_Middle_2DH5

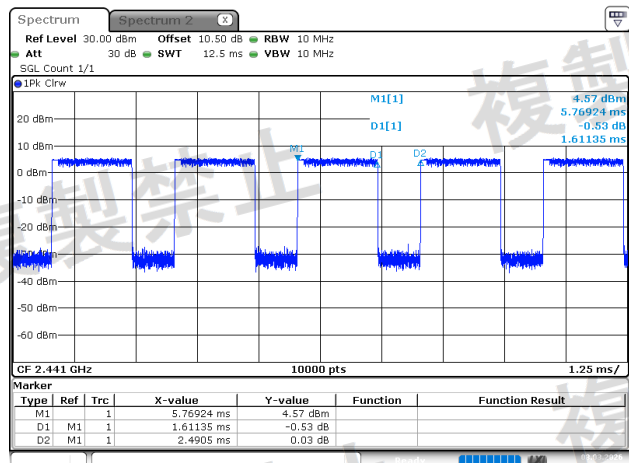
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:03:56

8DPSK_Middle_3DH1



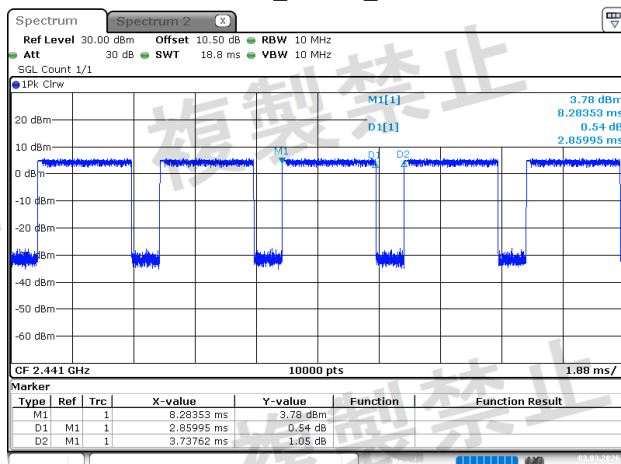
ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:04:50

8DPSK_Middle_3DH3



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:05:50

8DPSK_Middle_3DH5



ProjectNo.:2601P37306E-RF Tester:Cheeb Huang
Date: 3.MAR.2026 20:06:55

Interference Prevention Function**Test Information:**

Sample No.:	3FUD-2	Test Date:	2026/03/03
Test Site:	RF	Test Mode:	Communicating
Tester:	Cheeb Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	23.3	Relative Humidity: (%)	57	ATM Pressure: (kPa)	100.8
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Result:

Item	Result	Requirement	Verdict
Methodology to transmit ID Code:	Automatically	Automatically	Compliant
Methodology to receive ID Code:	Automatically	Automatically	Compliant
Identification Codes (ID Codes):	7C:E9:13:80:05:B6	/	/
Bits of ID Codes:	48 bits	48 bits or more	Compliant

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.

Confirmation Result

The EUT has shielding cover for the high-frequency section and modulation section of the radio which can't be opened easily, please see the EUT photos.

EUT PHOTOGRAPHS

Please refer to the attachment 2601P37306E-RF-EXP External photo and 2601P37306E-RF-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601P37306E-RF-TSPA Test Setup photo.

****END OF REPORT****