

# TEST REPORT

Applicant Name: Shenzhen Mindray Bio-Medical Electronics Co., Ltd.  
Address: Mindray Building, Keji 12th Road South, High-Tech Industrial Park, Nanshan, Shenzhen, 518057, P.R. China  
Report Number: 2501A02859E-RF-07B

## Test Standard (s)

Item 19 of Article 2 Paragraph 1

## Sample Description

Product Type: Wi-Fi Dual-band 2x2 11ax + BT 5.2 PCIe Combo Module  
Model No.: 6252B-PR  
Multiple Model(s) No.: N/A  
Trade Mark: Fn-Link  
Date Received: 2026-01-04  
Issue Date: 2026-05-22

Test Result:

Pass▲

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

## Prepared and Checked By:

Bruce Lin

Bruce Lin  
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)

5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China  
Tel: +86-755-33320018 Fax: +86-755-33320008 www.baclcorp.com.cn

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DOCUMENT REVISION HISTORY

| Revision Number | Report Number      | Description of Revision | Date of Revision |
|-----------------|--------------------|-------------------------|------------------|
| 0               | 2501A02859E-RF-07B | Original Report         | 2026-05-22       |

## GENERAL INFORMATION

### Product Description for Equipment under Test (EUT)

|                             |                                 |                                                                                   |
|-----------------------------|---------------------------------|-----------------------------------------------------------------------------------|
| <b>Technical Parameters</b> | <b>Radio Type</b>               | Bluetooth                                                                         |
|                             | <b>Modulation Type</b>          | GFSK, $\pi/4$ -DQPSK, 8DPSK                                                       |
|                             | <b>Frequency Range</b>          | 2402-2480MHz                                                                      |
|                             | <b>Rated Output Power</b>       | No-AFH mode: 0.04mW/MHz for BDR/EDR Mode<br>AFH mode: 0.25mW/MHz for BDR/EDR Mode |
|                             | <b>Antenna Gain<sup>#</sup></b> | 3.08dBi (It is provided by the applicant)                                         |
|                             | <b>Nominal Power Supply</b>     | DC 3.3V                                                                           |
|                             | <b>Sample serial number</b>     | 3FAN-2 (Assigned by BACL, Shenzhen)                                               |
|                             | <b>Sample/EUT Status</b>        | Good condition                                                                    |
|                             | <b>Adapter Information</b>      | N/A                                                                               |
|                             |                                 |                                                                                   |

### 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
- 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.

The main chip RTL8852BE is equipped with an integrated PMU, the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than  $\pm 1\%$ . Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage (DC 3.3V), which is powered by the carrier board, and to test all regulations.

### EUT Exercise Software

|                    |           |
|--------------------|-----------|
| Exercise Software# | RTLB TAPP |
| Power Level#       | 0x49      |

### Equipment Modifications

No modification was made to the EUT tested.

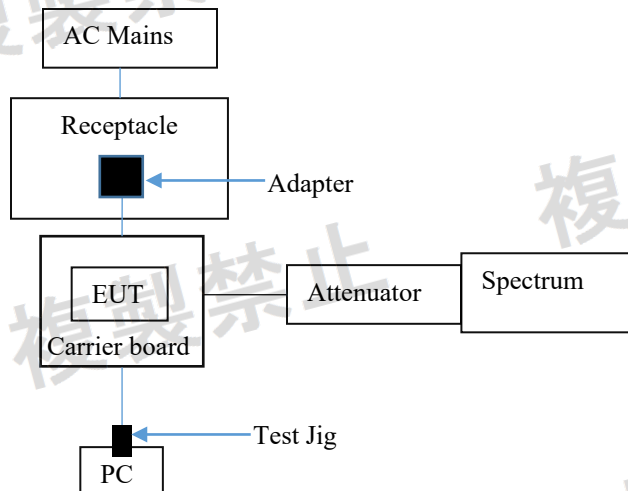
### Support Equipment List and Details

| Manufacturer | Description   | Model           | Serial Number |
|--------------|---------------|-----------------|---------------|
| DELL         | PC            | DESKTOP-1630AQ3 | Unknown       |
| OUZHI        | Carrier board | FG6252BPRX-02   | Unknown       |
| OLEAD        | Adapter       | OLD120200ACN4NC | Unknown       |
| Unknown      | Test Jig      | Unknown         | Unknown       |

### External I/O Cable

| Cable Description                 | Length(m) | From/Port     | To         |
|-----------------------------------|-----------|---------------|------------|
| Unshielded Un-detachable AC cable | 1.2       | AC Mains      | Receptacle |
| Unshielded detachable DC cable    | 1.0       | Carrier board | Adapter    |
| Unshielded detachable cable       | 0.2       | Carrier board | Test Jig   |

### Configuration of Test Setup



**SUMMARY OF TEST RESULTS**

| MIC Notice No.88 Appendix No.43<br>Article 2, Paragraph 1, Item 19 | Description of Test                                           | Result         |
|--------------------------------------------------------------------|---------------------------------------------------------------|----------------|
| 1                                                                  | Frequency Error                                               | Compliant      |
| 2                                                                  | Occupied Bandwidth and Spreading 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      | 101942        | 2025/09/01       | 2026/08/31           | CCIC                  | c)                 |
| ANRITSU         | Microwave peak power sensor         | MA24418A   | 12622         | 2025/09/01       | 2026/08/31           | CCIC                  | c)                 |
| Rohde & Schwarz | Wideband Radio Communication Tester | CMW500     | 141718        | 2025/07/18       | 2026/07/17           | BACL Cal              | c)                 |
| Unknown         | 10dB Attenuator                     | Unknown    | F-03-EM224    | 2025/06/26       | 2026/06/25           | BACL SZ               | d)                 |
| Fluke           | Digital Multimeter                  | 287        | 19000011      | 2025/04/29       | 2026/04/28           | BACL Cal              | c)                 |
| Fluke           | Digital Multimeter                  | 287        | 19000011      | 2026/03/16       | 2027/03/15           | BACL Cal              | c)                 |
| instek          | DC Power Supply                     | GPS-3030DD | EM832096      | NCR              | NCR                  | /                     | /                  |
| JD              | JD Auto Test software               | NA         | 1.0.0.3769    | NCR              | NCR                  | /                     | /                  |

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

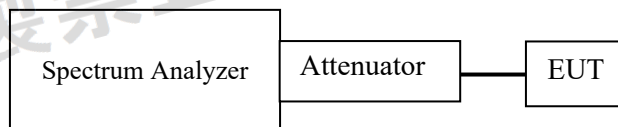
### Frequency Error

#### 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: 1 kHz, VBW: 3 kHz
- Span: 300 kHz
- 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.

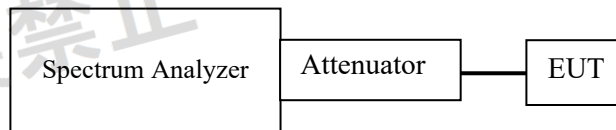
## Occupied Bandwidth and Spreading Bandwidth

### 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 scal: 10dB/Div
- Data points : 400 points or more
- Reference level: Enough level for maximum dynamic range
- Detection: Positive Peak, Sweep mode: Continuous

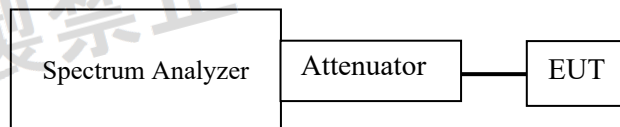
## Transmitter Spurious Emission Strength and Unwanted Emission Intensity

### 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



#### 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:

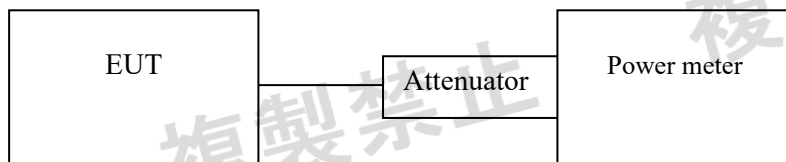
Step 1: Measure the total power by Power Meter in a state of hopping mode

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



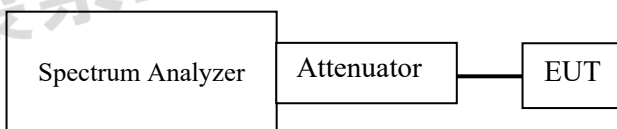
## Receiver Spurious Emission and Unwanted Emission Intensity

### 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



#### 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

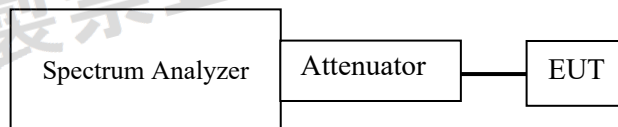
## Frequency Hopping Dwell Time

### 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: 1MHz, VBW: 1MHz
  - 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
- 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:  $0.4 * SBW[\text{second}]$

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

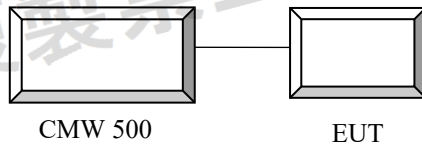
## Interference Prevention Function

### 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:**

|             |          |              |              |
|-------------|----------|--------------|--------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/02/04   |
| Test Site:  | RF       | Test Mode:   | Transmitting |
| Tester:     | Ethan Bu | Test Result: | Pass         |

**Environmental Conditions:**

|                      |      |                              |    |                        |       |
|----------------------|------|------------------------------|----|------------------------|-------|
| Temperature:<br>(°C) | 23.4 | Relative<br>Humidity:<br>(%) | 52 | ATM Pressure:<br>(kPa) | 100.7 |
|----------------------|------|------------------------------|----|------------------------|-------|

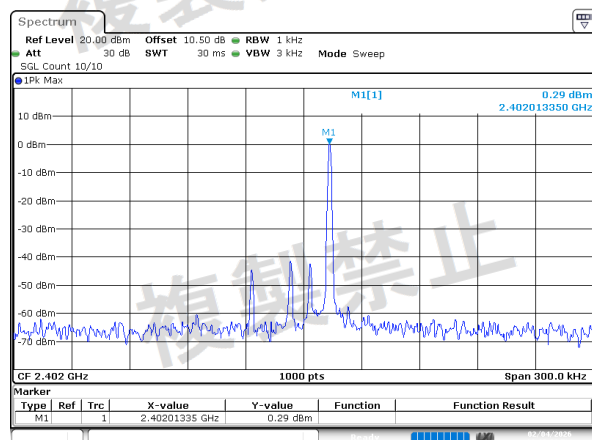
**Test Condition: NV**

| Mode           | Frequency (MHz) | Measure Frequency (MHz) | Frequency Tolerance (ppm) | Limit (ppm) | Verdict |
|----------------|-----------------|-------------------------|---------------------------|-------------|---------|
| Single Carrier | 2402            | 2402.01335              | 5.56                      | ± 50        | Pass    |
|                | 2441            | 2441.01305              | 5.35                      |             | Pass    |
|                | 2480            | 2480.01305              | 5.26                      |             | Pass    |

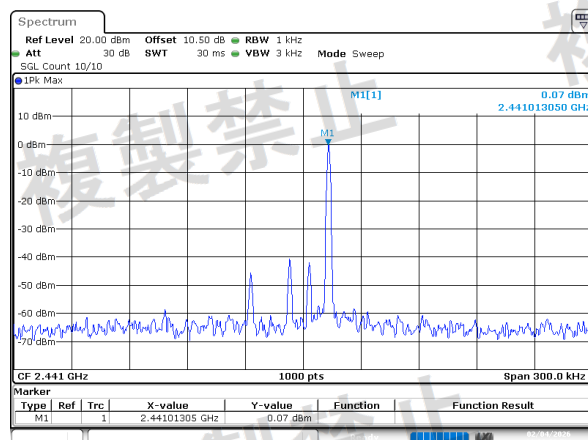
$$\text{Frequency Tolerance} = (\text{Measure Frequency} - \text{Frequency}) / \text{Frequency} * 10^6$$

**Test Condition: NV**

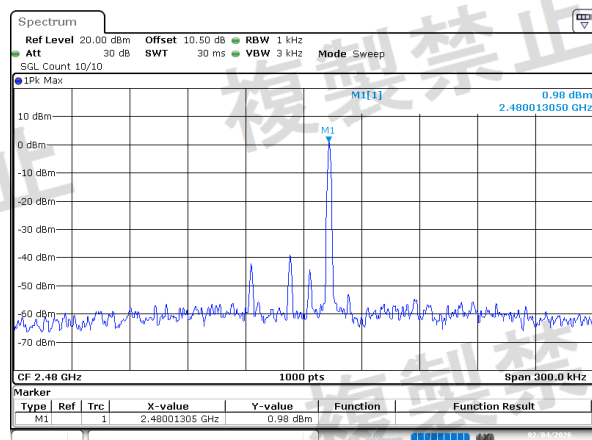
2402MHz



2441MHz



2480MHz



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

|             |          |              |                       |
|-------------|----------|--------------|-----------------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/03/26~2026/05/21 |
| Test Site:  | RF       | Test Mode:   | Transmitting          |
| Tester:     | Ethan Bu | Test Result: | Pass                  |

**Environmental Conditions:**

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 23.4~24.8 | Relative<br>Humidity:<br>(%) | 47~52 | ATM Pressure:<br>(kPa) | 100.7~101.1 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

Non AFH mode:

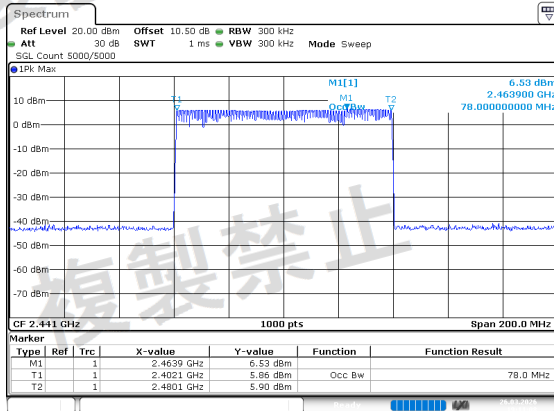
Test Condition: NV

| Mode           | Packet Type | Occupied bandwidth (MHz) |             | Spreading bandwidth (MHz) | Verdict |
|----------------|-------------|--------------------------|-------------|---------------------------|---------|
|                |             | Result                   | Limit       | Result                    |         |
| GFSK           | DH1         | 78.0                     | $\leq 83.5$ | 71.0                      | Pass    |
|                | DH3         | 78.2                     | $\leq 83.5$ | 71.2                      | Pass    |
|                | DH5         | 78.2                     | $\leq 83.5$ | 71.0                      | Pass    |
| $\pi/4$ -DQPSK | 2DH1        | 78.4                     | $\leq 83.5$ | 71.4                      | Pass    |
|                | 2DH3        | 78.4                     | $\leq 83.5$ | 71.6                      | Pass    |
|                | 2DH5        | 78.4                     | $\leq 83.5$ | 71.4                      | Pass    |
| 8DPSK          | 3DH1        | 78.4                     | $\leq 83.5$ | 71.2                      | Pass    |
|                | 3DH3        | 78.4                     | $\leq 83.5$ | 71.4                      | Pass    |
|                | 3DH5        | 78.4                     | $\leq 83.5$ | 71.2                      | Pass    |

## Test Condition: NV

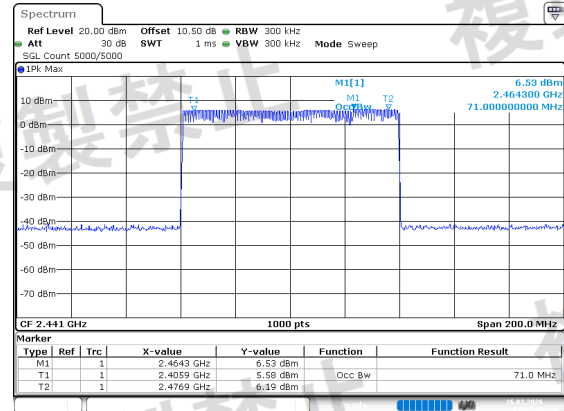
## GFSK\_Hopping\_DH1

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:11:09

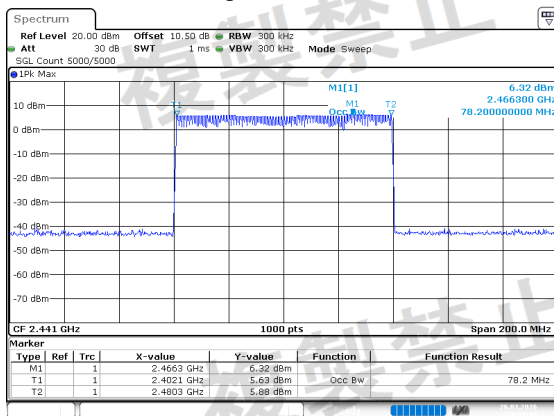
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:11:44

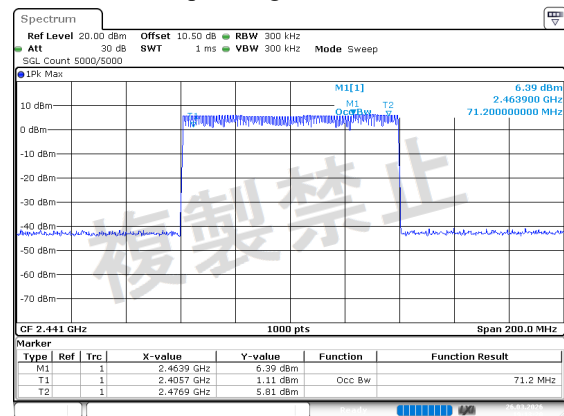
## GFSK\_Hopping\_DH3

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:12:45

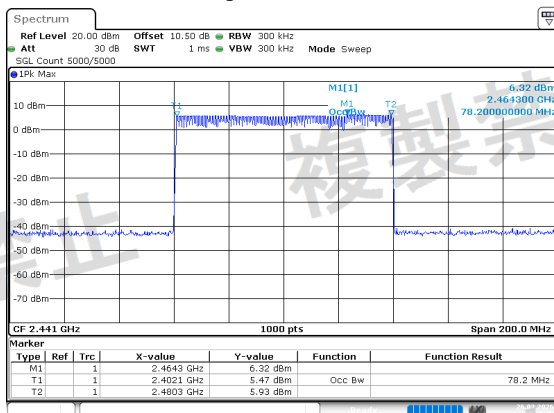
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:13:21

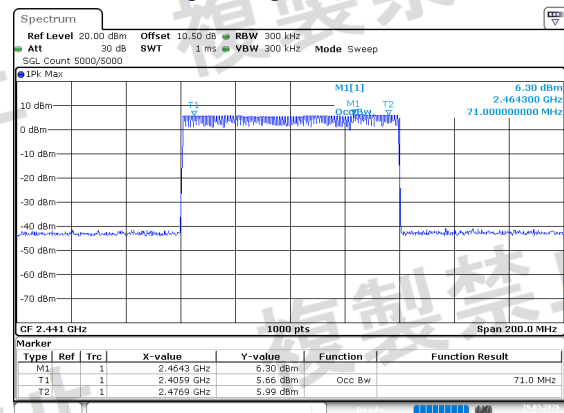
## GFSK\_Hopping\_DH5

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:17:04

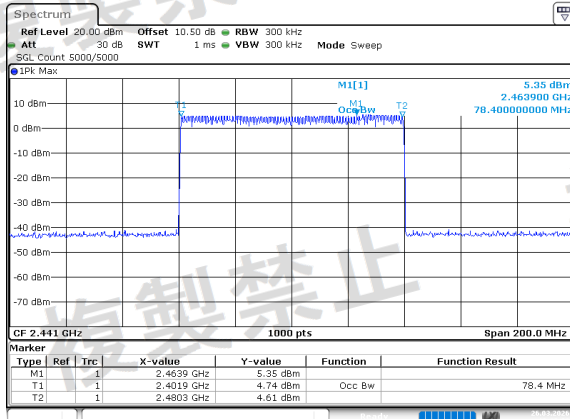
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:17:39

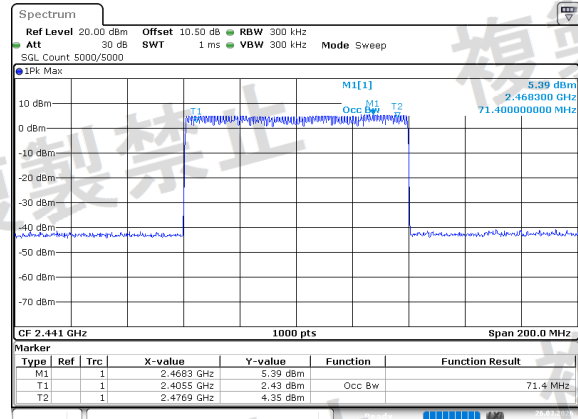
$\pi/4$ -DQPSK\_Hopping\_2DH1

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:18:27

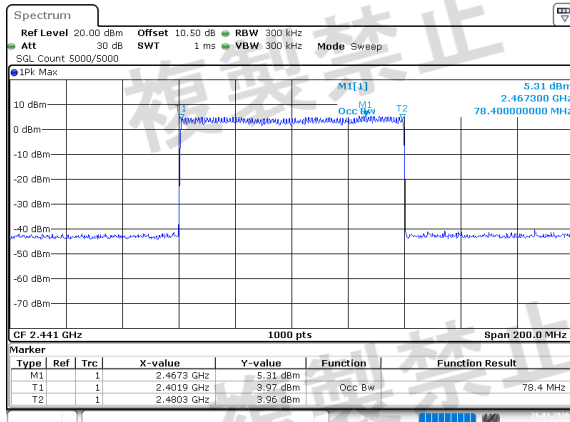
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:18:02

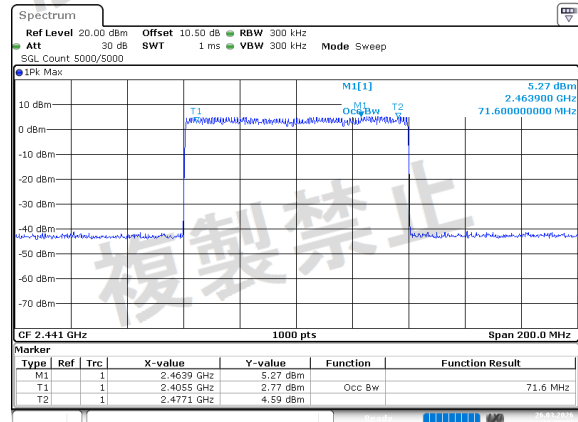
 $\pi/4$ -DQPSK\_Hopping\_2DH3

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:19:48

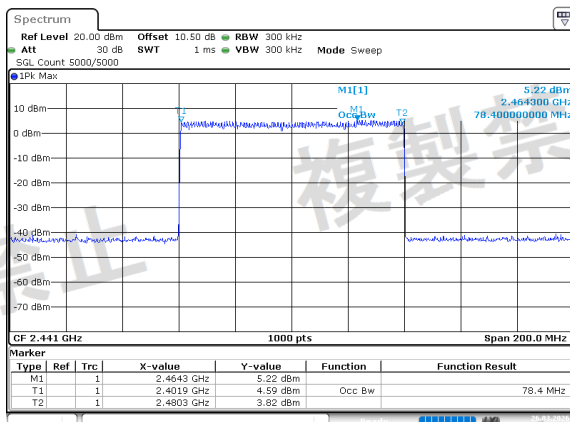
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:20:23

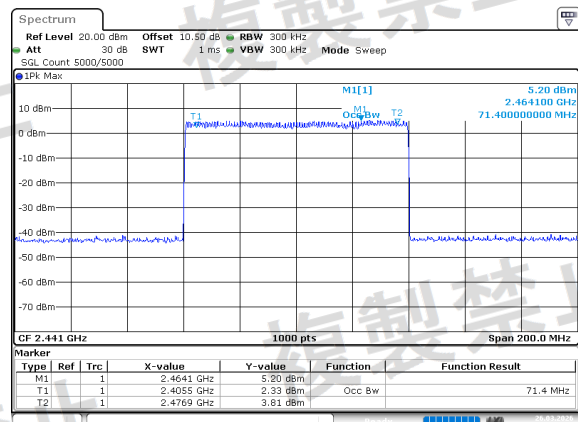
 $\pi/4$ -DQPSK\_Hopping\_2DH5

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:21:17

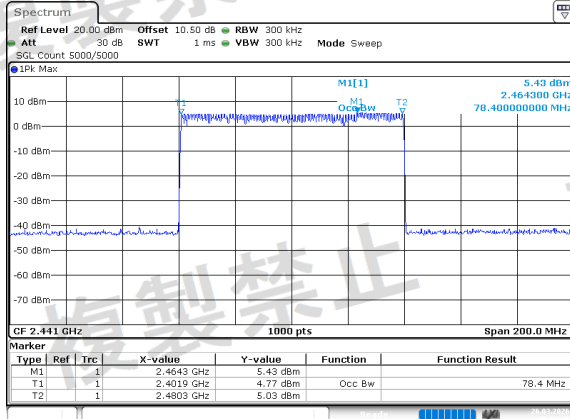
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:21:53

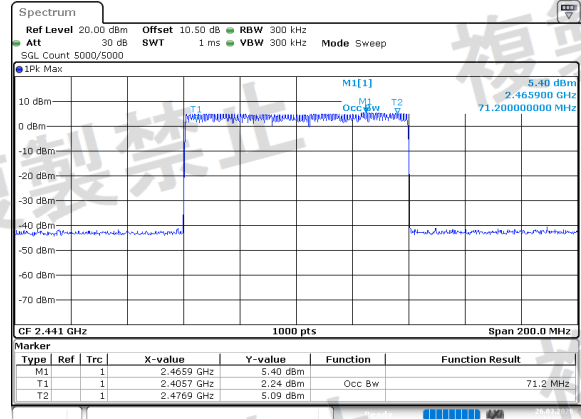
## 8DPSK\_Hopping\_3DH1

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:22:46

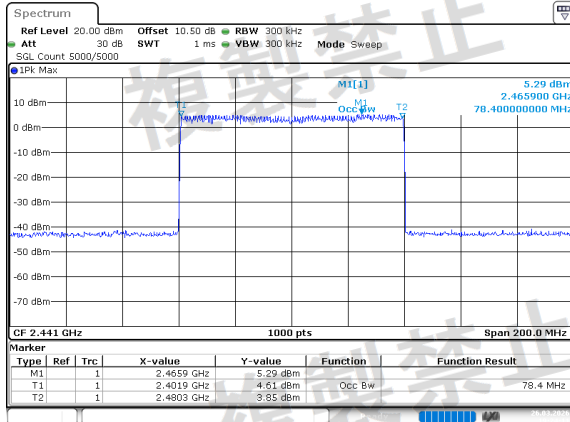
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:23:24

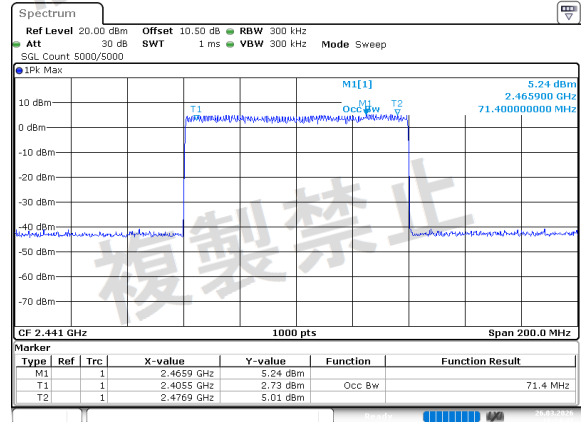
## 8DPSK\_Hopping\_3DH3

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:24:12

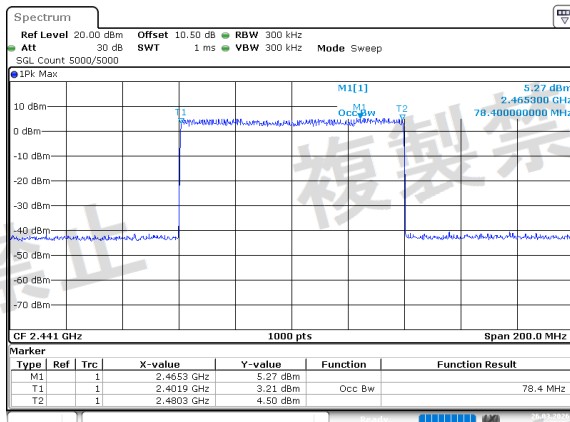
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:24:48

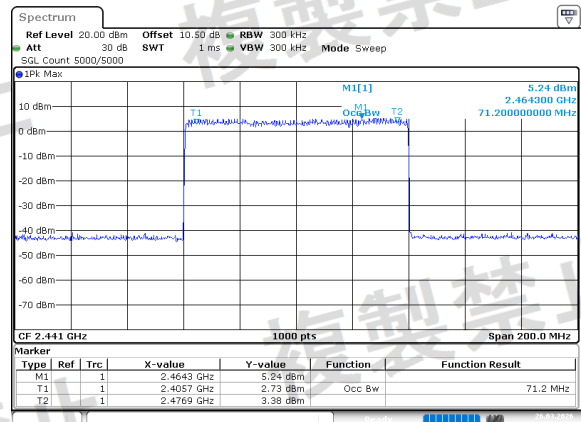
## 8DPSK\_Hopping\_3DH5

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:25:35

## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:26:11

AFH mode:

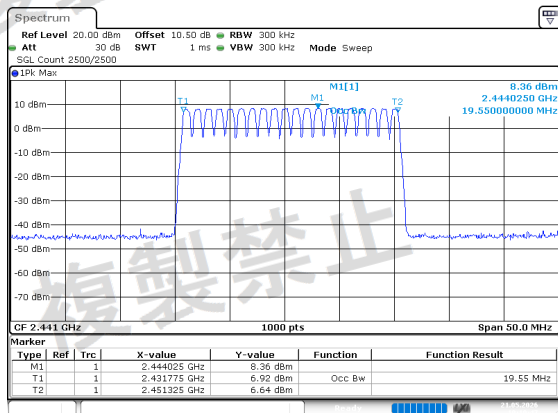
Test Condition: NV

| Mode           | Packet Type | Occupied bandwidth (MHz) |             | Spreading bandwidth (MHz) | Verdict |
|----------------|-------------|--------------------------|-------------|---------------------------|---------|
|                |             | Result                   | Limit       | Result                    |         |
| GFSK           | AFH_DH1     | 19.55                    | $\leq 83.5$ | 17.65                     | Pass    |
|                | AFH_DH3     | 19.55                    | $\leq 83.5$ | 17.75                     | Pass    |
|                | AFH_DH5     | 19.55                    | $\leq 83.5$ | 17.65                     | Pass    |
| $\pi/4$ -DQPSK | AFH_2DH1    | 19.75                    | $\leq 83.5$ | 17.95                     | Pass    |
|                | AFH_2DH3    | 19.80                    | $\leq 83.5$ | 17.85                     | Pass    |
|                | AFH_2DH5    | 19.80                    | $\leq 83.5$ | 17.65                     | Pass    |
| 8DPSK          | AFH_3DH1    | 19.75                    | $\leq 83.5$ | 17.85                     | Pass    |
|                | AFH_3DH3    | 19.75                    | $\leq 83.5$ | 18.00                     | Pass    |
|                | AFH_3DH5    | 19.80                    | $\leq 83.5$ | 17.95                     | Pass    |

## Test Condition: NV

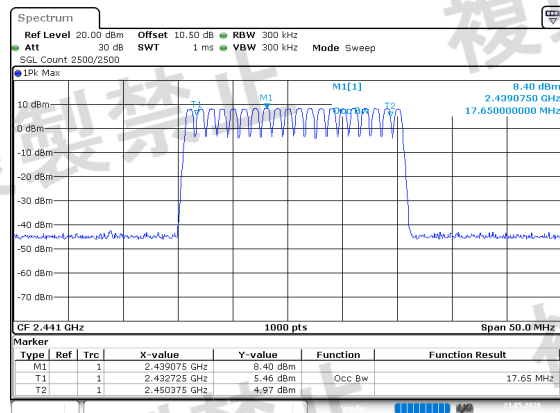
## GFSK\_Hopping\_AFH\_DH1

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:10:47

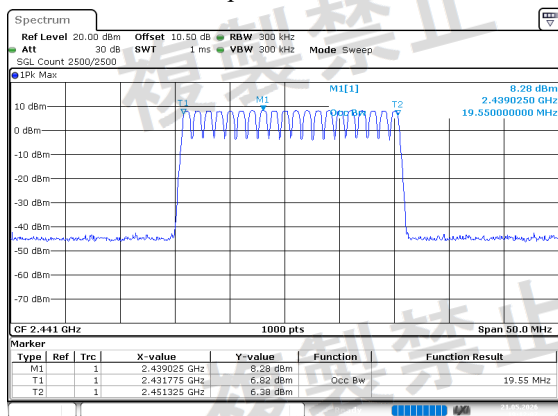
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:10:55

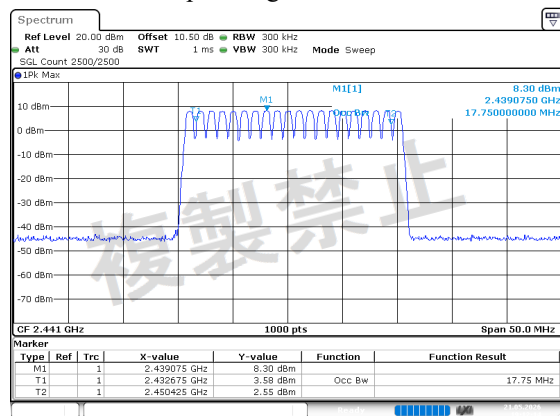
## GFSK\_Hopping\_AFH\_DH3

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:12:06

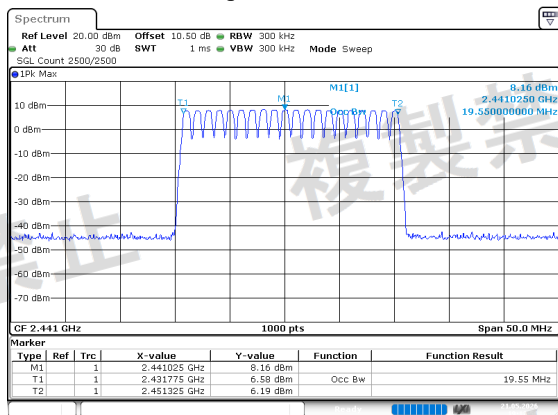
## Spreading Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:12:15

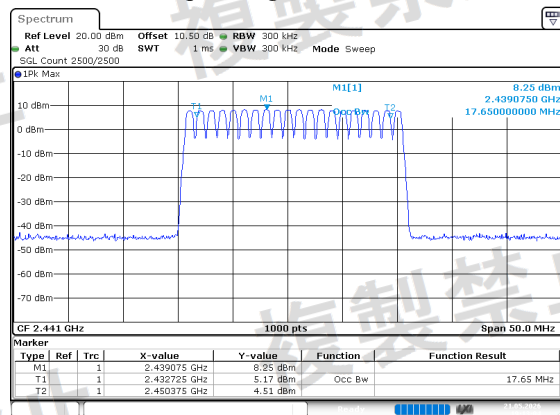
## GFSK\_Hopping\_AFH\_DH5

## Occupied Bandwidth



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:12:56

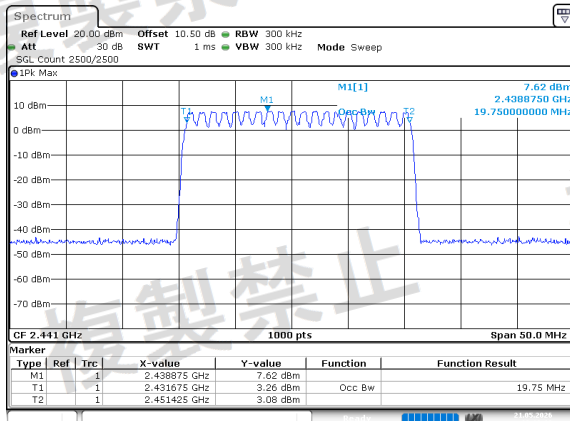
## Spreading Bandwidth



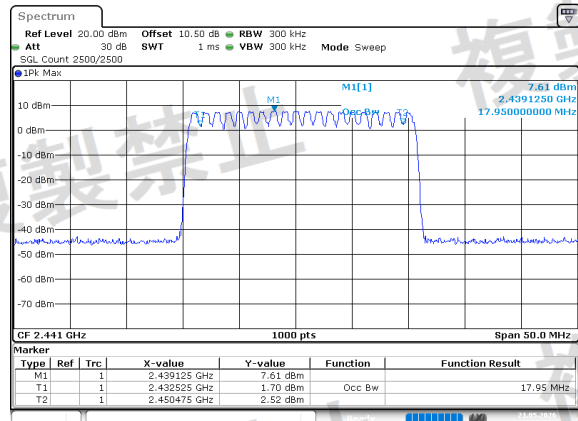
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:13:05

$\pi/4$ -DQPSK\_Hopping\_AFH\_2DH1

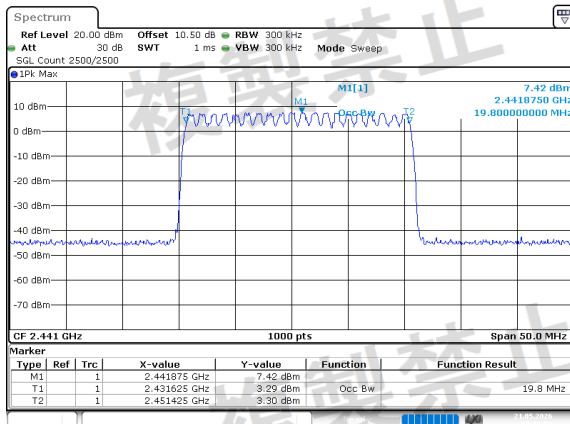
## Occupied Bandwidth



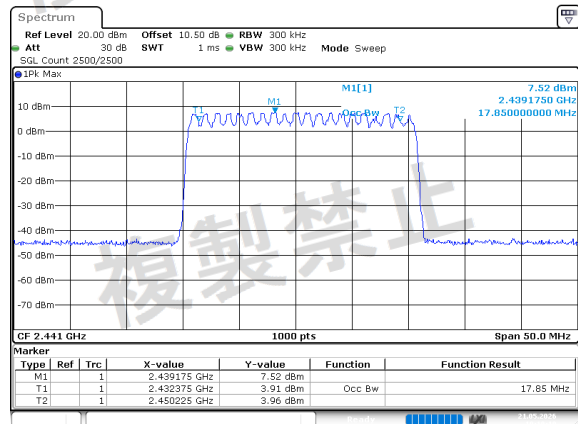
## Spreading Bandwidth

 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH3

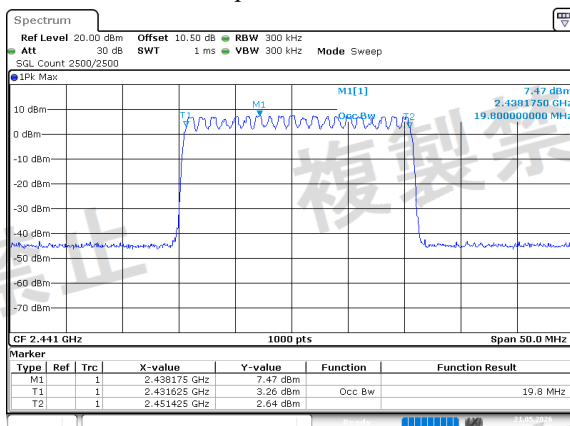
## Occupied Bandwidth



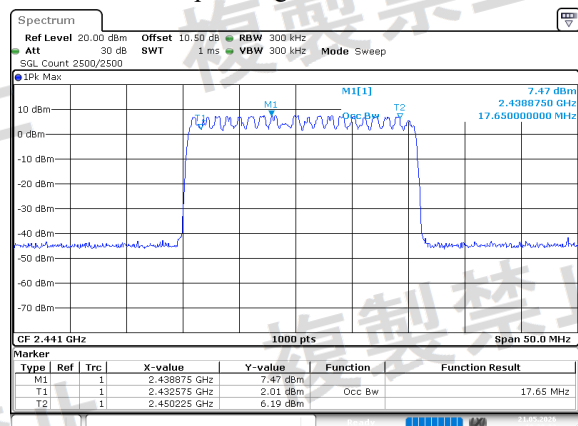
## Spreading Bandwidth

 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH5

## Occupied Bandwidth

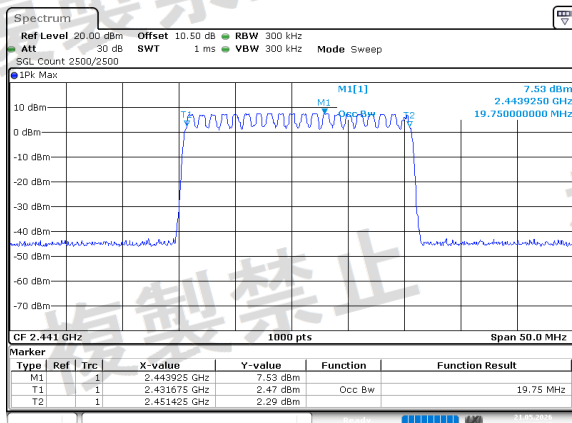


## Spreading Bandwidth

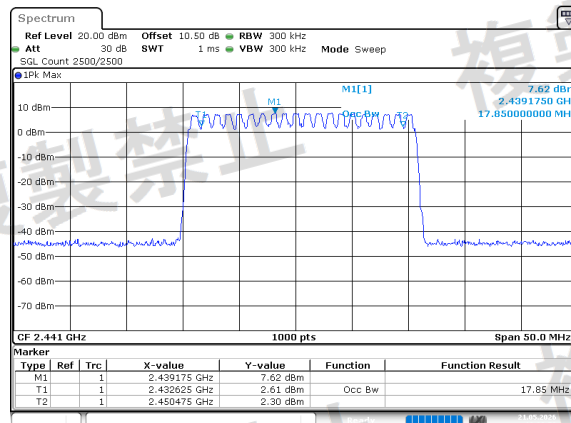


## 8DPSK\_Hopping\_AFH\_3DH1

Occupied Bandwidth

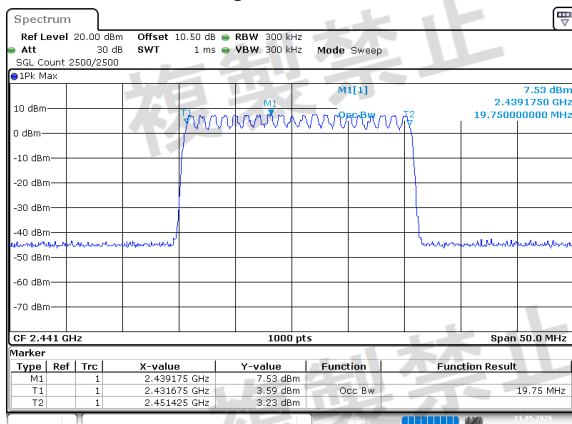


Spreading Bandwidth

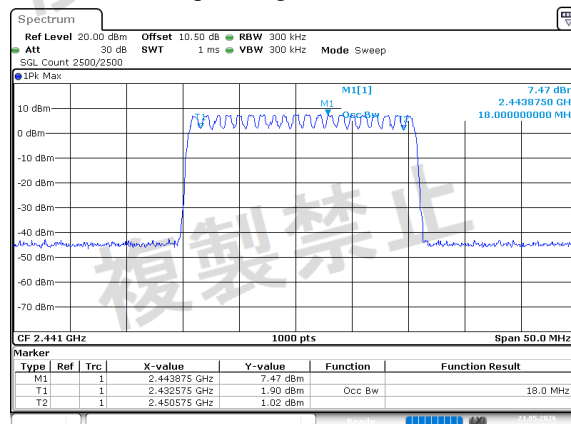


## 8DPSK\_Hopping\_AFH\_3DH3

Occupied Bandwidth

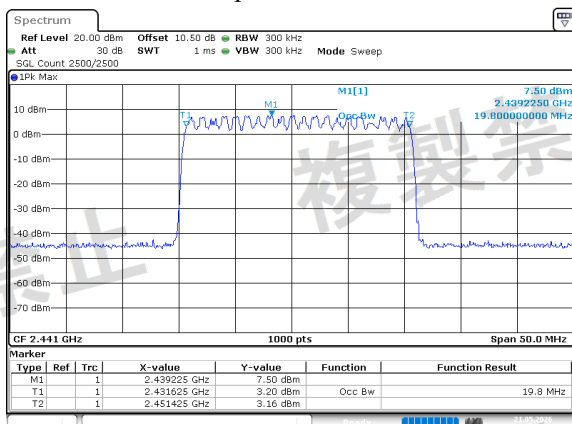


Spreading Bandwidth

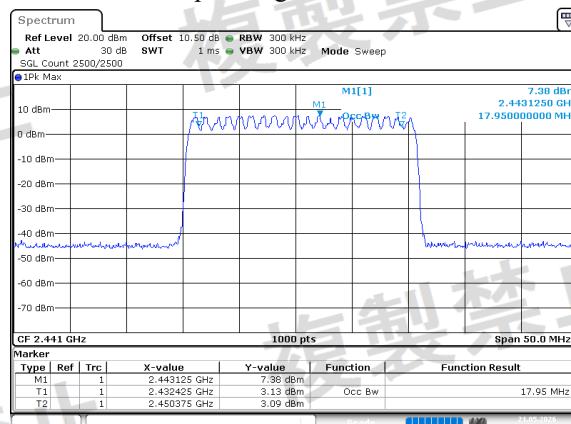


## 8DPSK\_Hopping\_AFH\_3DH5

Occupied Bandwidth



Spreading Bandwidth



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

|             |          |              |                       |
|-------------|----------|--------------|-----------------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/02/04~2026/05/21 |
| Test Site:  | RF       | Test Mode:   | Transmitting          |
| Tester:     | Ethan Bu | Test Result: | Pass                  |

**Environmental Conditions:**

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 23.4~24.8 | Relative<br>Humidity:<br>(%) | 47~52 | ATM Pressure:<br>(kPa) | 100.7~101.1 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

Non AFH mode:

**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       | 976.96                    | -45.95           | 0.025           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 1912.99                   | -37.64           | 0.172           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2399.9968                 | -34.66           | 0.342           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2485.2518                 | -36.75           | 0.211           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 5895.2                    | -31.72           | 0.673           | 2.50           | Pass    |
| Middle  | Band I (100kHz) | 30              | 1000       | 709.73                    | -40.83           | 0.083           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 1725.75                   | -37.27           | 0.187           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2393.4838                 | -36.67           | 0.215           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2487.1368                 | -35.82           | 0.262           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 5775.1                    | -32.37           | 0.579           | 2.50           | Pass    |
| High    | Band I (100kHz) | 30              | 1000       | 889.66                    | -45.71           | 0.027           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 2367.93                   | -37.42           | 0.181           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2392.6583                 | -37.39           | 0.182           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2488.6968                 | -36.44           | 0.227           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 6990.6                    | -32.14           | 0.611           | 2.50           | Pass    |

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

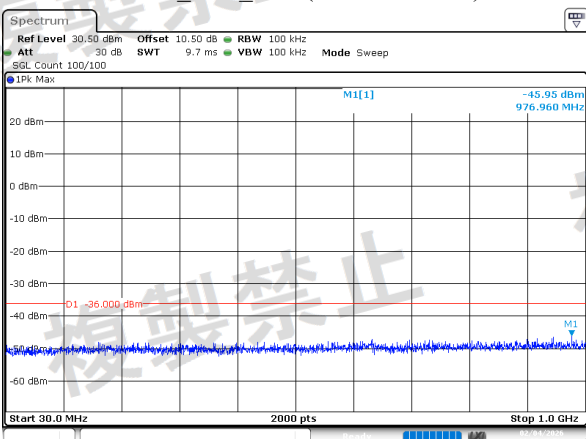
| Channel | Test Band (RBW) | Frequency Range |            | Max.Emission Located(MHz) | Result (dBm/RBW) | Result (μW/RBW) | Limit (μW/RBW) | Verdict |
|---------|-----------------|-----------------|------------|---------------------------|------------------|-----------------|----------------|---------|
|         |                 | Start (MHz)     | Stop (MHz) |                           |                  |                 |                |         |
| Low     | Band I (100kHz) | 30              | 1000       | 709.24                    | -45.58           | 0.028           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 1207.7                    | -37.10           | 0.195           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2399.9903                 | -30.21           | 0.953           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2496.4448                 | -35.60           | 0.275           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 6970.6                    | -32.35           | 0.582           | 2.50           | Pass    |
| Middle  | Band I (100kHz) | 30              | 1000       | 726.7                     | -39.16           | 0.121           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 2297.19                   | -37.40           | 0.182           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2388.4658                 | -36.81           | 0.208           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2494.5403                 | -35.92           | 0.256           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 6965.6                    | -31.67           | 0.681           | 2.50           | Pass    |
| High    | Band I (100kHz) | 30              | 1000       | 833.89                    | -43.81           | 0.042           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 1123.79                   | -37.37           | 0.183           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2392.7493                 | -37.04           | 0.198           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2490.9198                 | -37.02           | 0.199           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 5795.2                    | -32.27           | 0.593           | 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       | 931.86                    | -46.06           | 0.025           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 1711.88                   | -30.77           | 0.838           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2399.9903                 | -29.23           | 1.194           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2486.9548                 | -35.93           | 0.255           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 6975.6                    | -32.17           | 0.607           | 2.50           | Pass    |
| Middle  | Band I (100kHz) | 30              | 1000       | 825.16                    | -42.99           | 0.050           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 2206.34                   | -37.00           | 0.200           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2395.0633                 | -36.86           | 0.206           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2488.5408                 | -36.98           | 0.200           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 5775.1                    | -31.62           | 0.689           | 2.50           | Pass    |
| High    | Band I (100kHz) | 30              | 1000       | 831.95                    | -44.08           | 0.039           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387       | 2198.71                   | -37.38           | 0.183           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400       | 2388.7908                 | -36.50           | 0.224           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5     | 2493.1493                 | -36.88           | 0.205           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500      | 6635.4                    | -31.57           | 0.697           | 2.50           | Pass    |

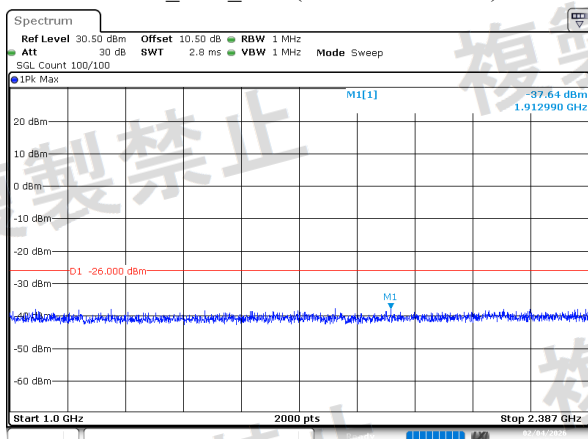
## Test Condition: NV

## GFSK\_Low\_DH1(30MHz~1GHz)



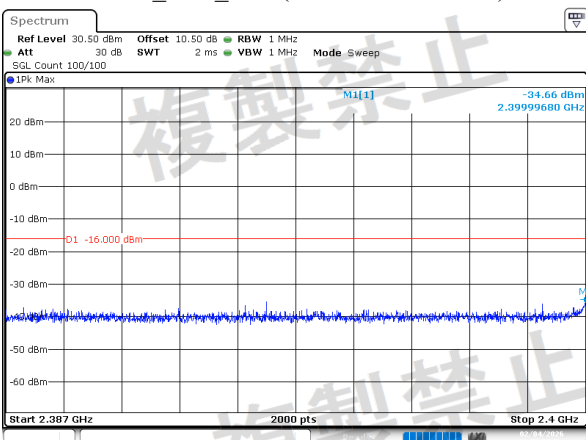
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:25:43

## GFSK\_Low\_DH1(1GHz~2.387GHz)



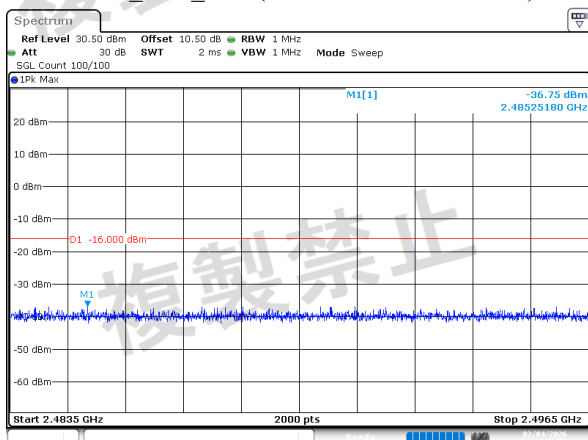
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:25:51

## GFSK\_Low\_DH1(2.387GHz~2.4GHz)



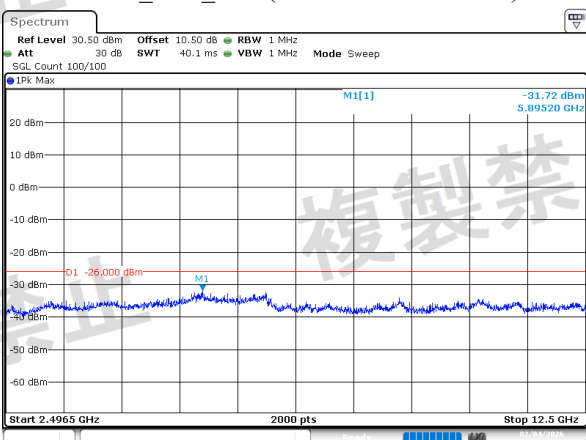
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:25:56

## GFSK\_Low\_DH1(2.4835GHz~2.4965GHz)



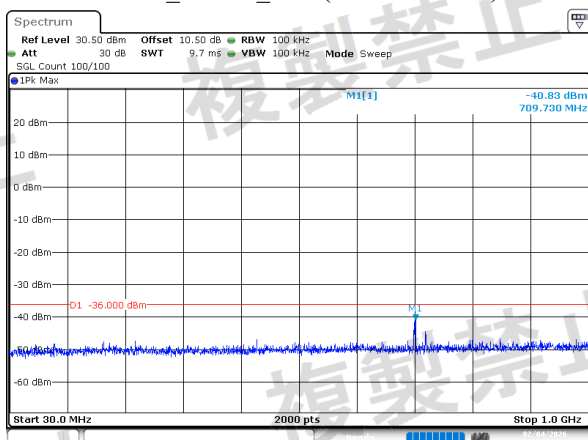
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:26:01

## GFSK\_Low\_DH1(2.4965GHz~12.5GHz)



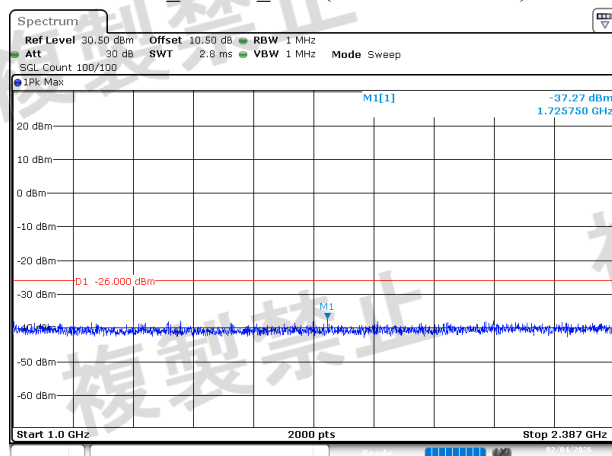
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:26:22

## GFSK\_Middle\_DH1(30MHz~1GHz)



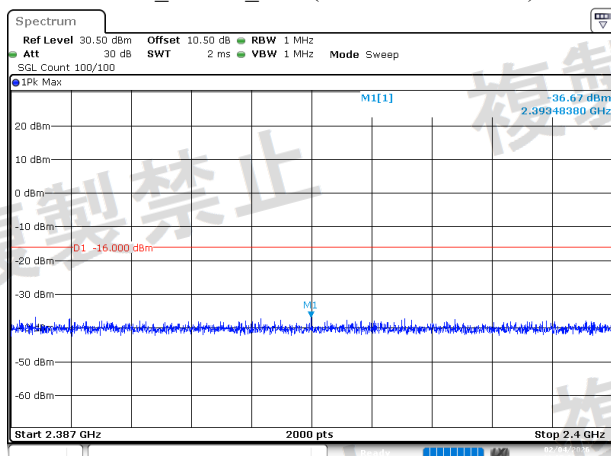
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:26:51

## GFSK\_Middle\_DH1(1GHz~2.387GHz)



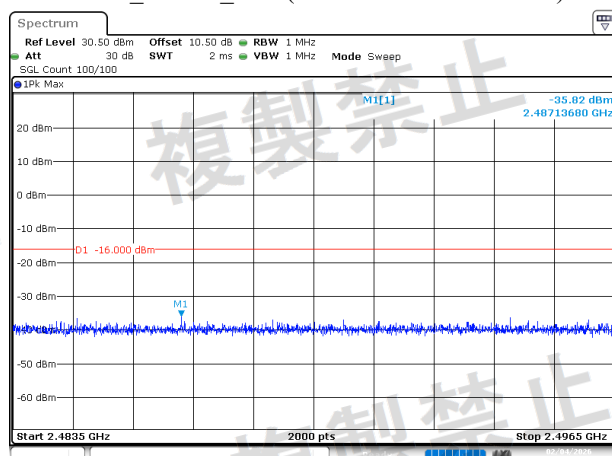
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:26:59

## GFSK\_Middle\_DH1(2.387GHz~2.4GHz)



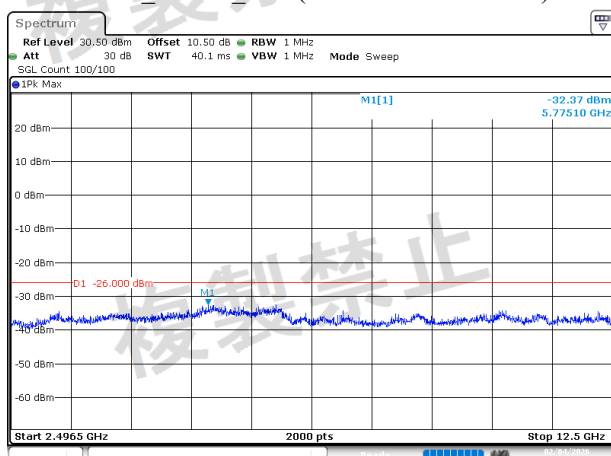
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:27:04

## GFSK\_Middle\_DH1(2.4835GHz~2.4965GHz)



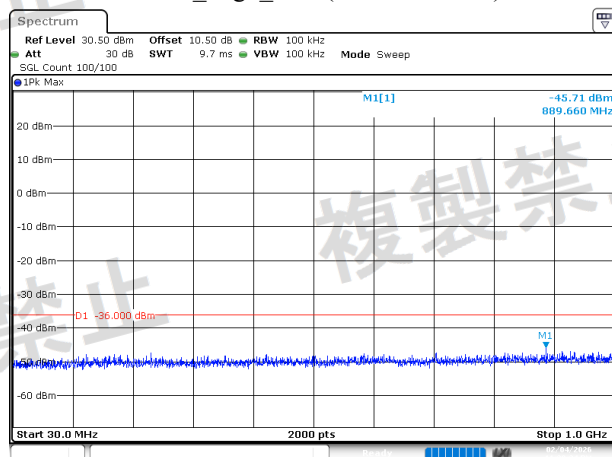
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:27:09

## GFSK\_Middle\_DH1(2.4965GHz~12.5GHz)



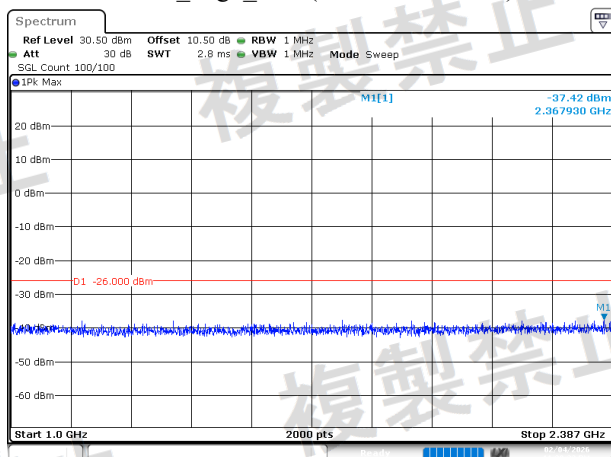
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:27:30

## GFSK\_High\_DH1(30MHz~1GHz)



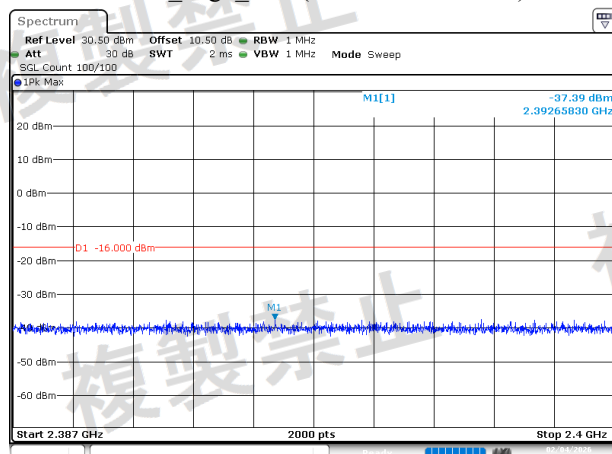
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:28:25

## GFSK\_High\_DH1(1GHz~2.387GHz)



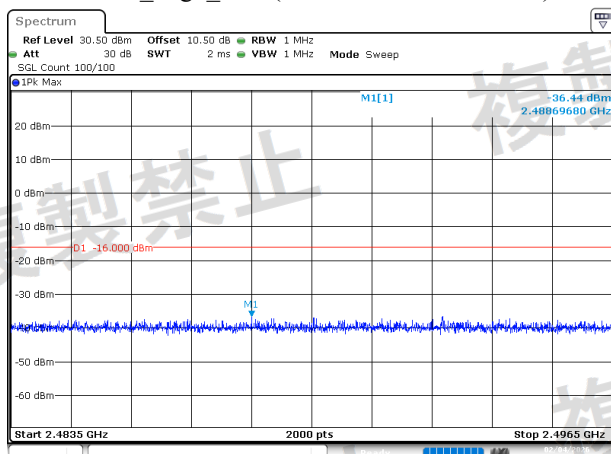
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:28:33

## GFSK\_High\_DH1(2.387GHz~2.4GHz)



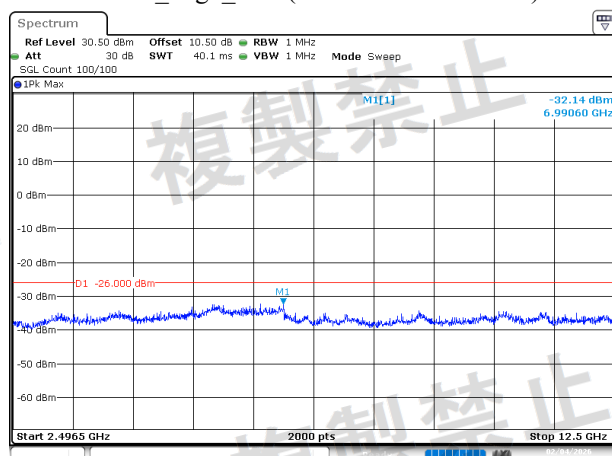
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:28:38

## GFSK\_High\_DH1(2.4835GHz~2.4965GHz)

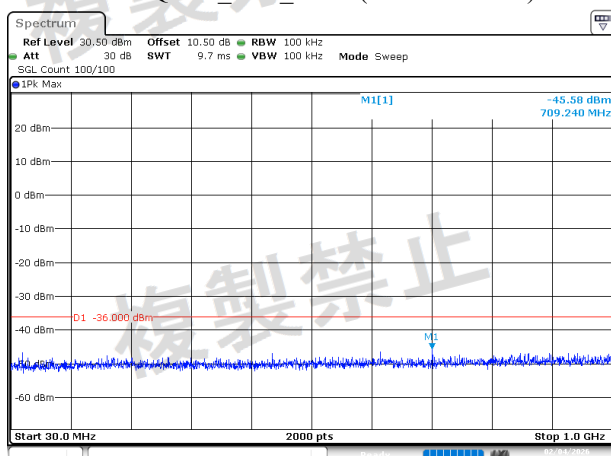


ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:28:43

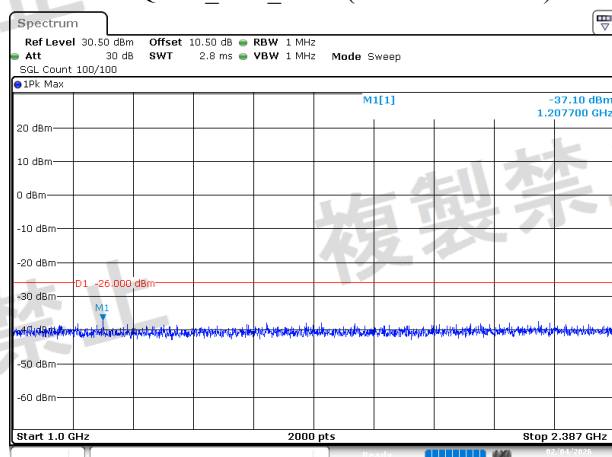
## GFSK\_High\_DH1(2.4965GHz~12.5GHz)



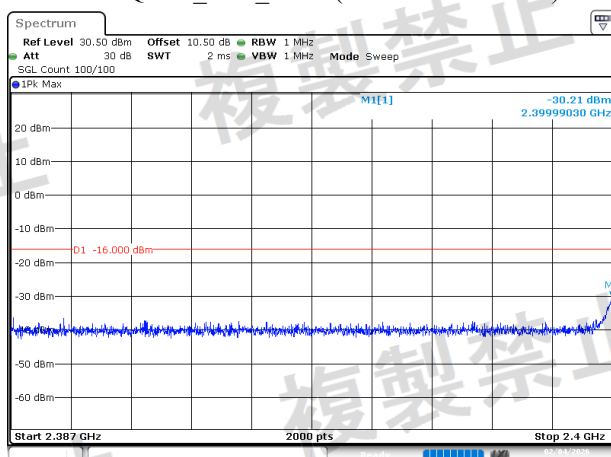
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:29:04

 $\pi/4$ -DQPSK\_Low\_2DH1(30MHz~1GHz)

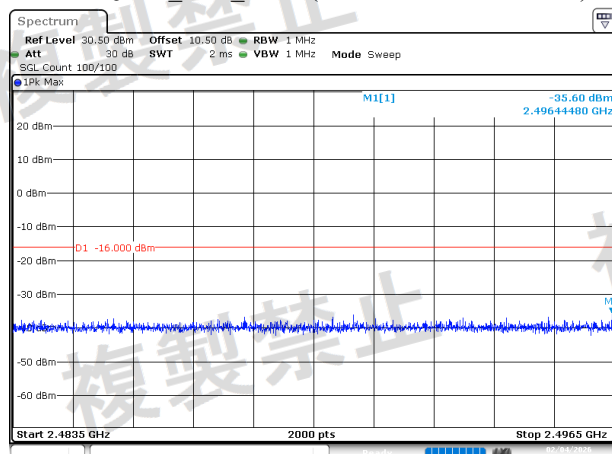
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:29:28

 $\pi/4$ -DQPSK\_Low\_2DH1(1GHz~2.387GHz)

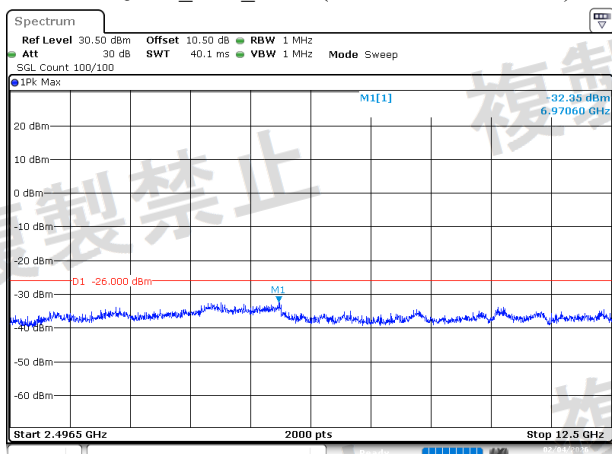
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:29:36

 $\pi/4$ -DQPSK\_Low\_2DH1(2.387GHz~2.4GHz)

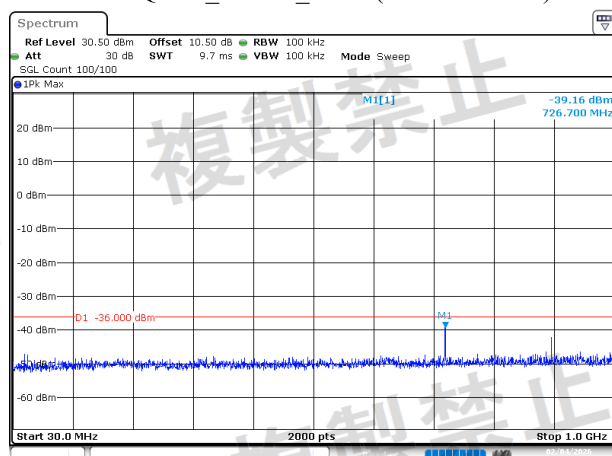
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:29:42

$\pi/4$ -DQPSK\_Low\_2DH1(2.4835GHz~2.4965GHz)

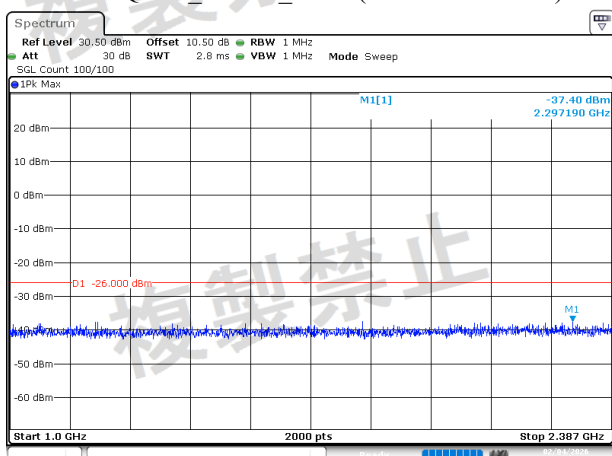
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:29:47

 $\pi/4$ -DQPSK\_Low\_2DH1(2.4965GHz~12.5GHz)

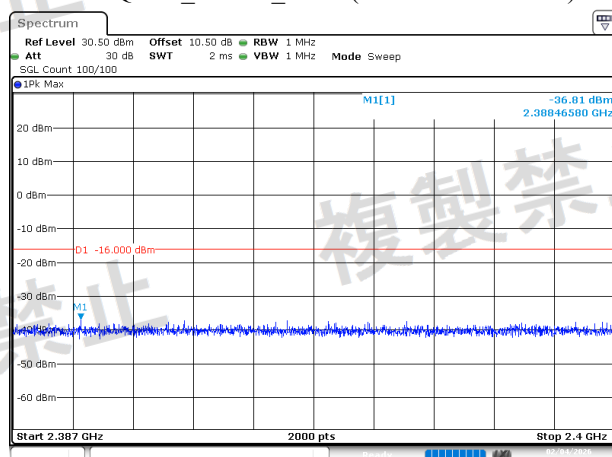
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:30:08

 $\pi/4$ -DQPSK\_Middle\_2DH1(30MHz~1GHz)

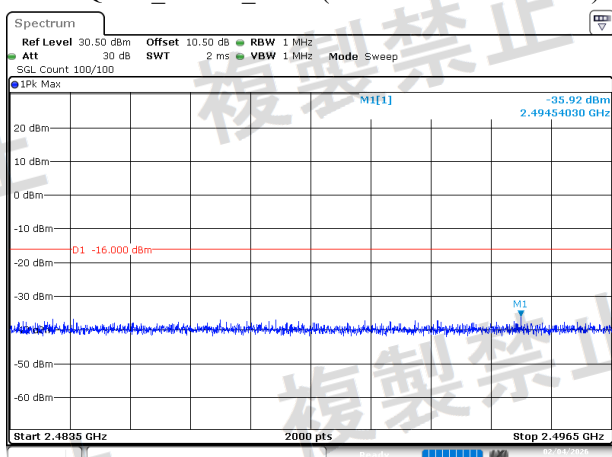
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:30:56

 $\pi/4$ -DQPSK\_Middle\_2DH1(1GHz~2.387GHz)

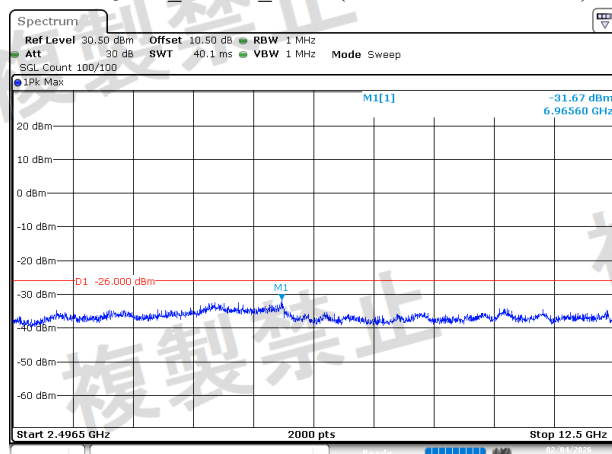
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:31:03

 $\pi/4$ -DQPSK\_Middle\_2DH1(2.387GHz~2.4GHz)

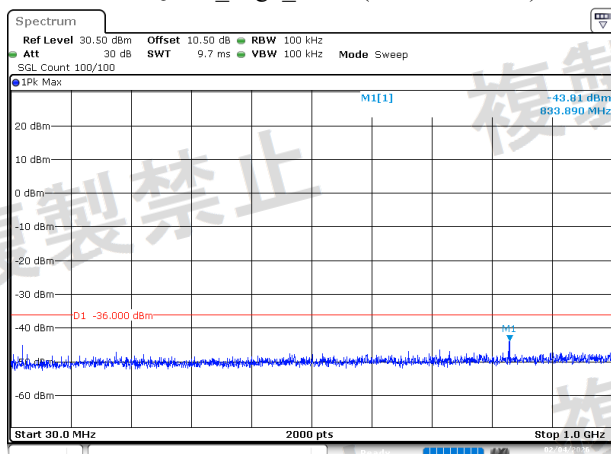
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:31:08

 $\pi/4$ -DQPSK\_Middle\_2DH1(2.4835GHz~2.4965GHz)

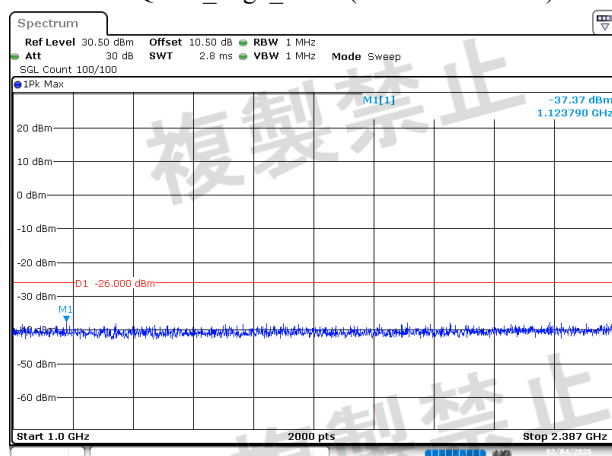
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:31:13

$\pi/4$ -DQPSK\_Middle\_2DH1(2.4965GHz~12.5GHz)

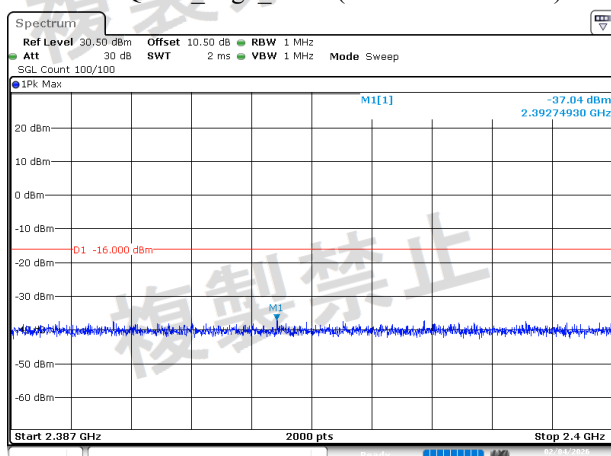
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:31:34

 $\pi/4$ -DQPSK\_High\_2DH1(30MHz~1GHz)

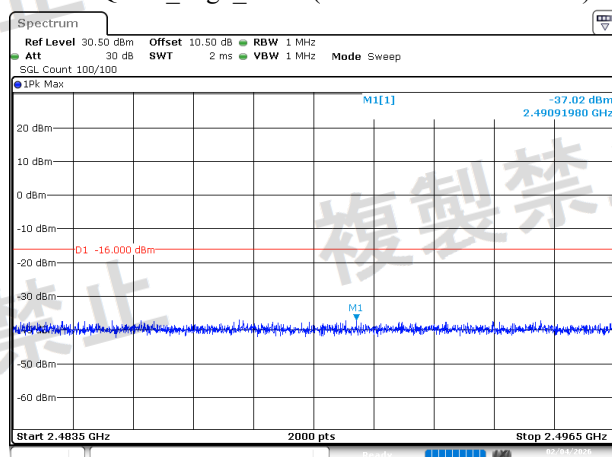
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:31:39

 $\pi/4$ -DQPSK\_High\_2DH1(1GHz~2.387GHz)

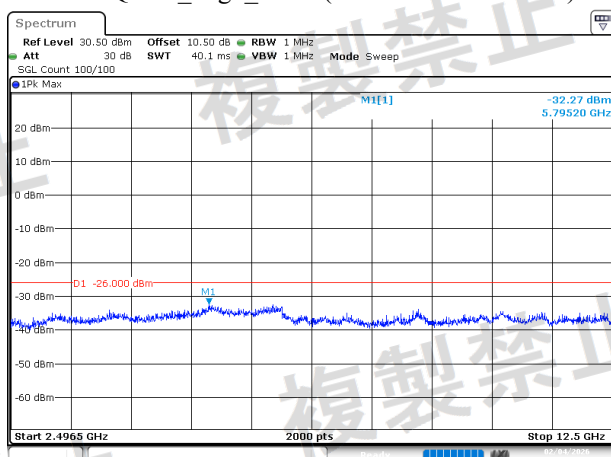
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:37:47

 $\pi/4$ -DQPSK\_High\_2DH1(2.387GHz~2.4GHz)

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:37:52

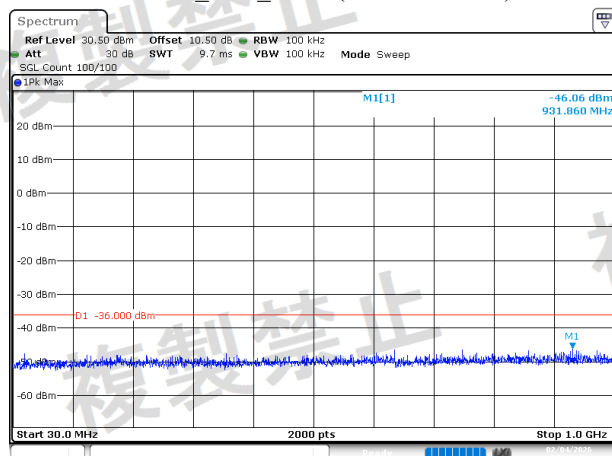
 $\pi/4$ -DQPSK\_High\_2DH1(2.4835GHz~2.4965GHz)

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:37:57

 $\pi/4$ -DQPSK\_High\_2DH1(2.4965GHz~12.5GHz)

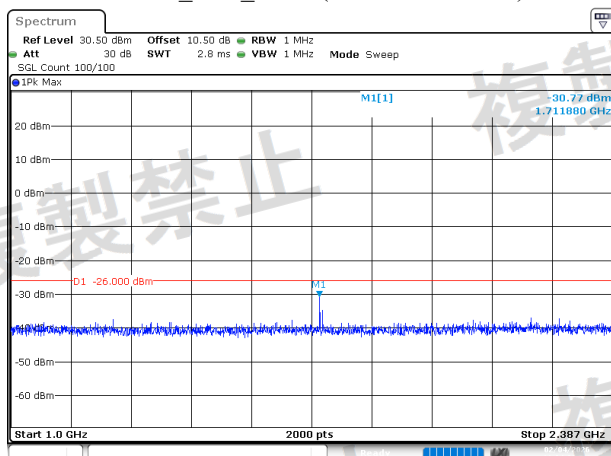
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:38:29

## 8DPSK\_Low\_3DH1(30MHz~1GHz)



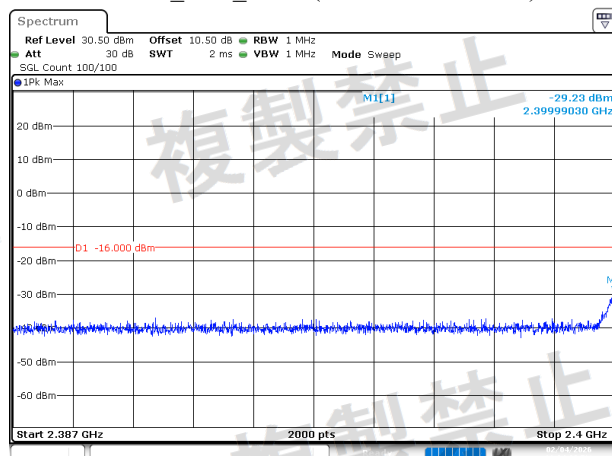
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:34:26

## 8DPSK\_Low\_3DH1(1GHz~2.387GHz)



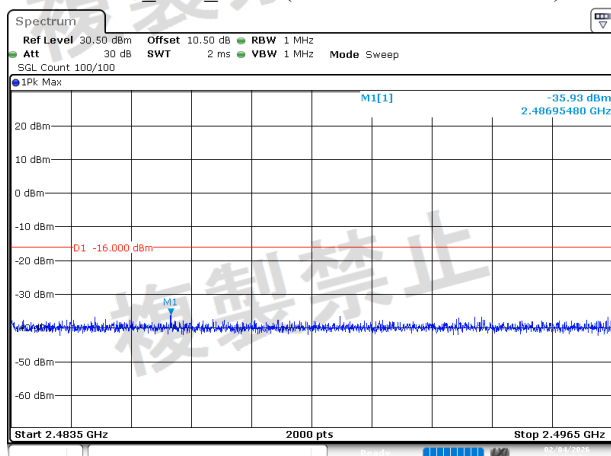
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:34:33

## 8DPSK\_Low\_3DH1(2.387GHz~2.4GHz)



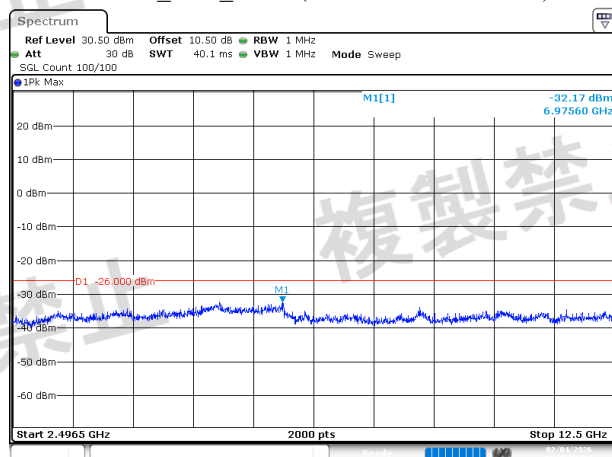
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:34:39

## 8DPSK\_Low\_3DH1(2.4835GHz~2.4965GHz)



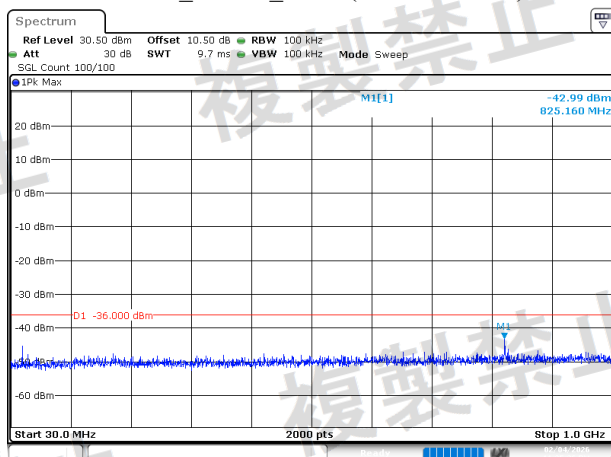
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:34:44

## 8DPSK\_Low\_3DH1(2.4965GHz~12.5GHz)



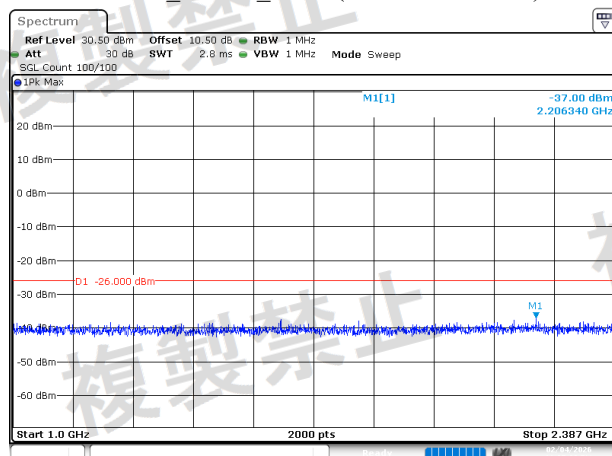
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:35:05

## 8DPSK\_Middle\_3DH1(30MHz~1GHz)



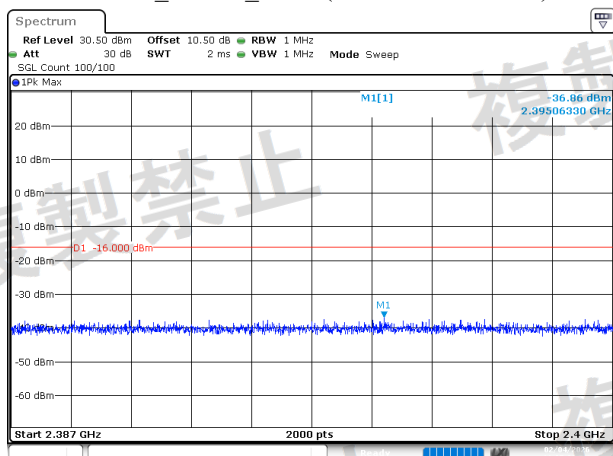
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:35:27

## 8DPSK\_Middle\_3DH1(1GHz~2.387GHz)



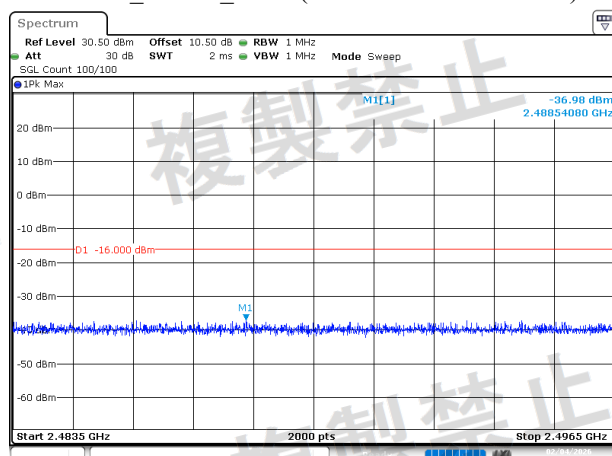
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:35:34

## 8DPSK\_Middle\_3DH1(2.387GHz~2.4GHz)



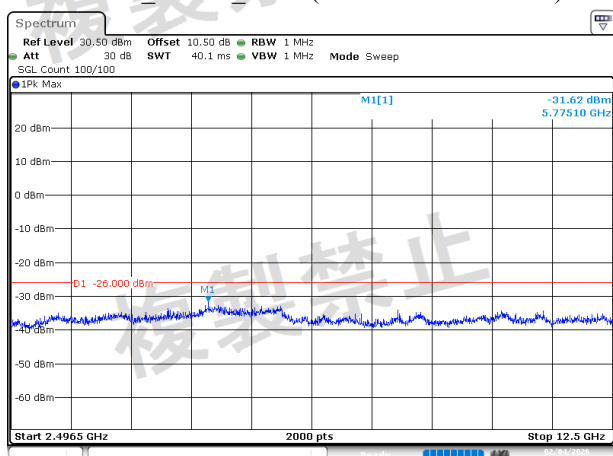
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:38:39

## 8DPSK\_Middle\_3DH1(2.4835GHz~2.4965GHz)



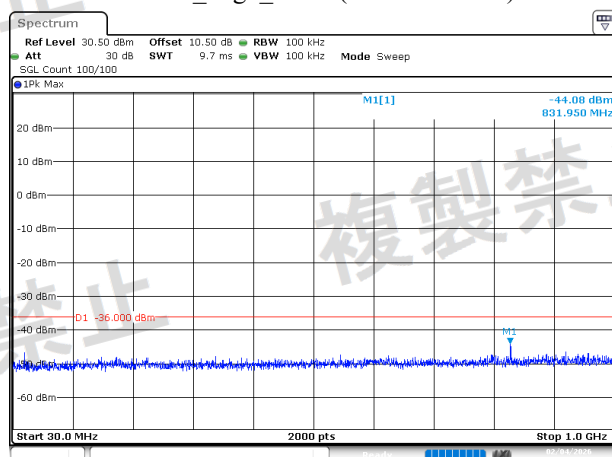
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:35:44

## 8DPSK\_Middle\_3DH1(2.4965GHz~12.5GHz)



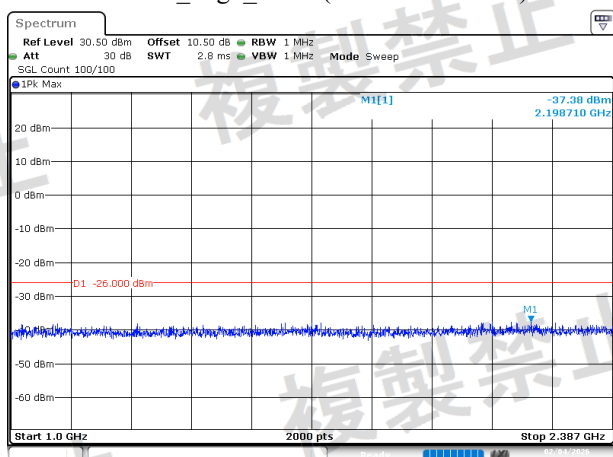
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:36:05

## 8DPSK\_High\_3DH1(30MHz~1GHz)



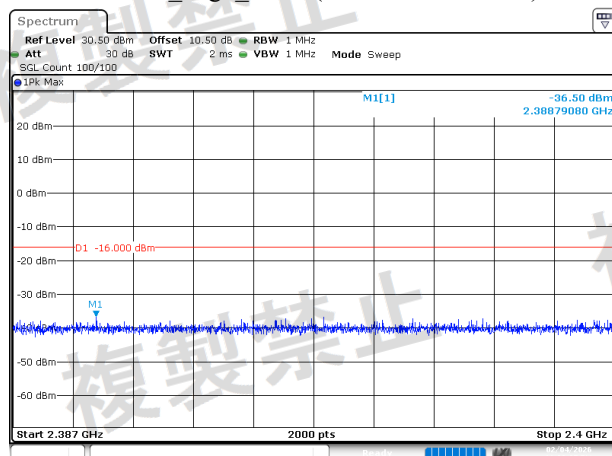
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:36:25

## 8DPSK\_High\_3DH1(1GHz~2.387GHz)



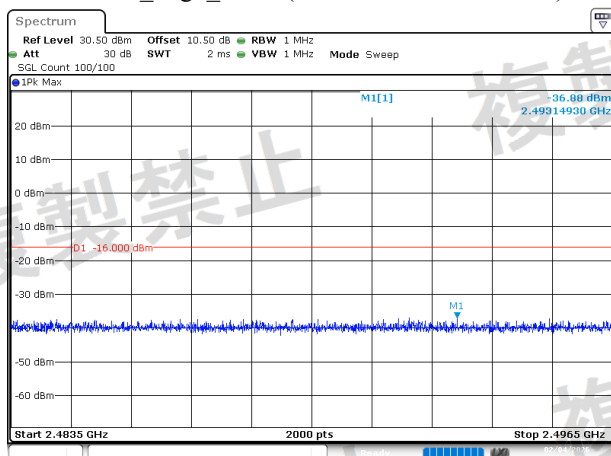
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:36:33

## 8DPSK\_High\_3DH1(2.387GHz~2.4GHz)



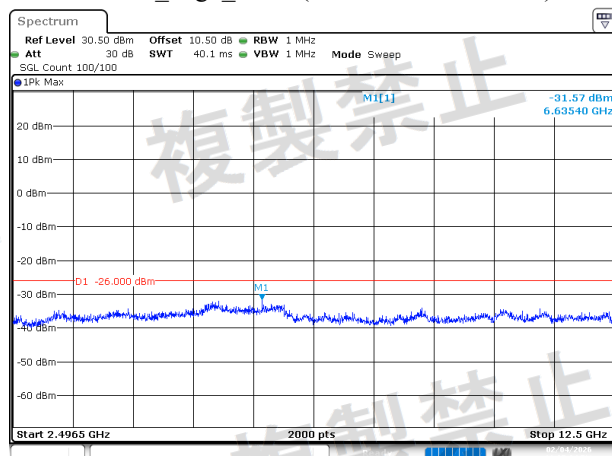
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:36:38

## 8DPSK\_High\_3DH1(2.4835GHz~2.4965GHz)



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:36:43

## 8DPSK\_High\_3DH1(2.4965GHz~12.5GHz)



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 4.FEB.2026 23:37:04

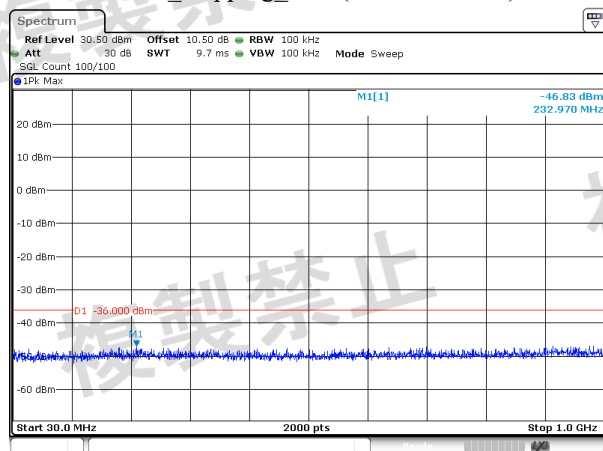
AFH mode:

**Test Condition: NV, GFSK** (worst case)

| Channel | Test Band (RBW) | Frequency Range |           | Max.Emission Located(MHz) | Result (dBm/RBW) | Result (μW/RBW) | Limit (μW/RBW) | Verdict |
|---------|-----------------|-----------------|-----------|---------------------------|------------------|-----------------|----------------|---------|
|         |                 | Start(MHz)      | Stop(MHz) |                           |                  |                 |                |         |
| DH1     | Band I (100kHz) | 30              | 1000      | 232.97                    | -46.83           | 0.021           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 2368.62                   | -37.47           | 0.179           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2398.8073                 | -37.76           | 0.167           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2493.0128                 | -37.58           | 0.175           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 6915.5                    | -32.79           | 0.526           | 2.50           | Pass    |
| 2DH1    | Band I (100kHz) | 30              | 1000      | 972.11                    | -45.47           | 0.028           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 1737.54                   | -37.73           | 0.169           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2395.6353                 | -38.01           | 0.158           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2496.3863                 | -38.33           | 0.147           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 6960.6                    | -32.45           | 0.569           | 2.50           | Pass    |
| 3DH1    | Band I (100kHz) | 30              | 1000      | 472.08                    | -46.03           | 0.025           | 0.25           | Pass    |
|         | Band II (1MHz)  | 1000            | 2387      | 2139.77                   | -38.00           | 0.158           | 2.50           | Pass    |
|         | Band III (1MHz) | 2387            | 2400      | 2396.1618                 | -38.23           | 0.150           | 25             | Pass    |
|         | Band IV (1MHz)  | 2483.5          | 2496.5    | 2488.2093                 | -37.82           | 0.165           | 25             | Pass    |
|         | Band V (1MHz)   | 2496.5          | 12500     | 5855.2                    | -32.55           | 0.556           | 2.50           | Pass    |

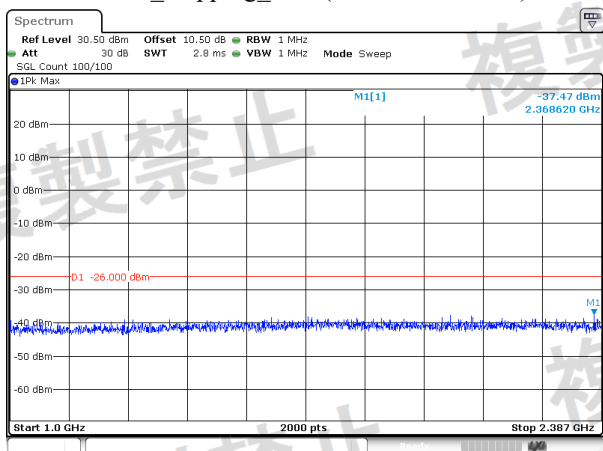
## Test Condition: NV

## GFSK\_Hopping\_DH1(30MHz~1GHz)



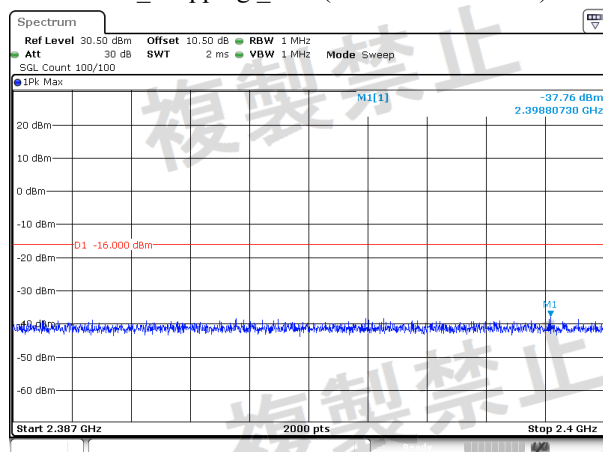
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 21.MAY.2026 00:44:00

## GFSK\_Hopping\_DH1(1GHz~2.387GHz)



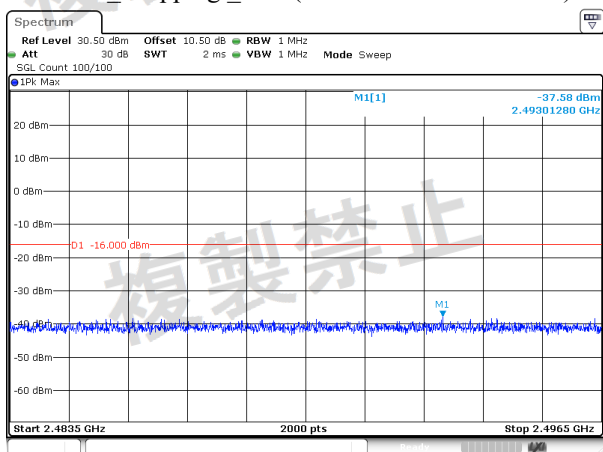
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 21.MAY.2026 00:44:08

## GFSK\_Hopping\_DH1(2.387GHz~2.4GHz)



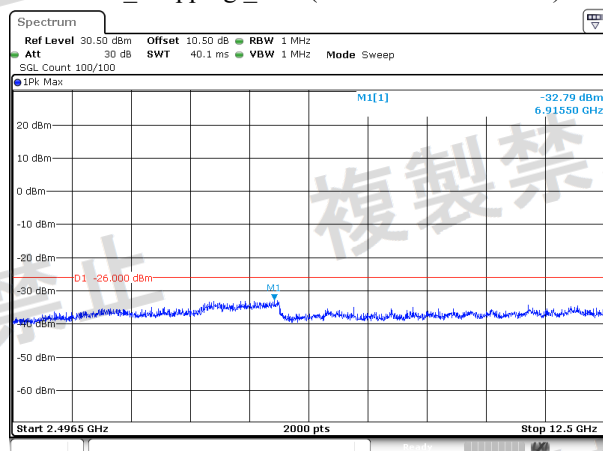
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 21.MAY.2026 00:44:15

## GFSK\_Hopping\_DH1(2.4835GHz~2.4965GHz)



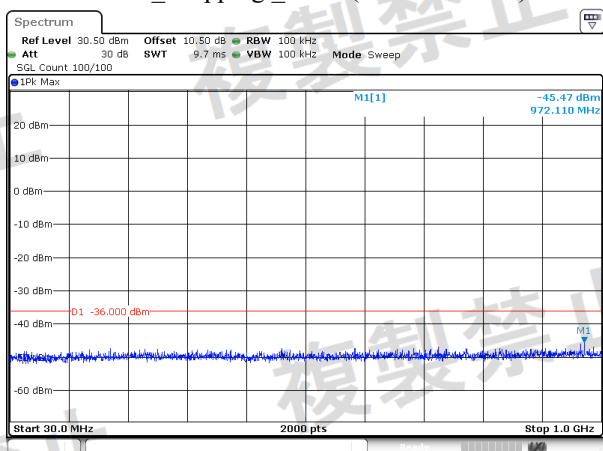
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 21.MAY.2026 00:44:22

## GFSK\_Hopping\_DH1(2.4965GHz~12.5GHz)



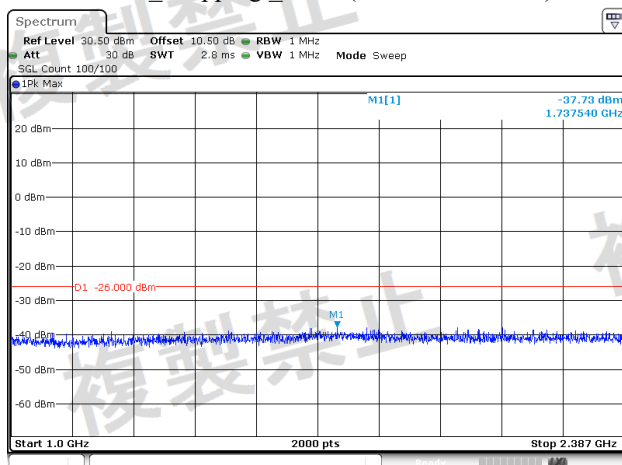
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 21.MAY.2026 00:44:45

## GFSK\_Hopping\_2DH1(30MHz~1GHz)



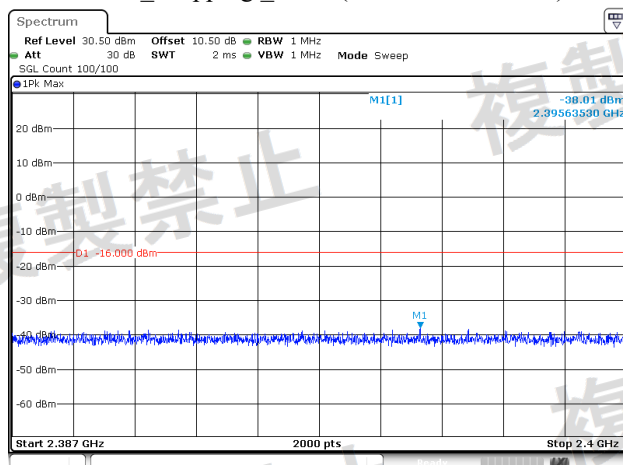
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 21.MAY.2026 00:46:27

## GFSK\_Hopping\_2DH1(1GHz~2.387GHz)



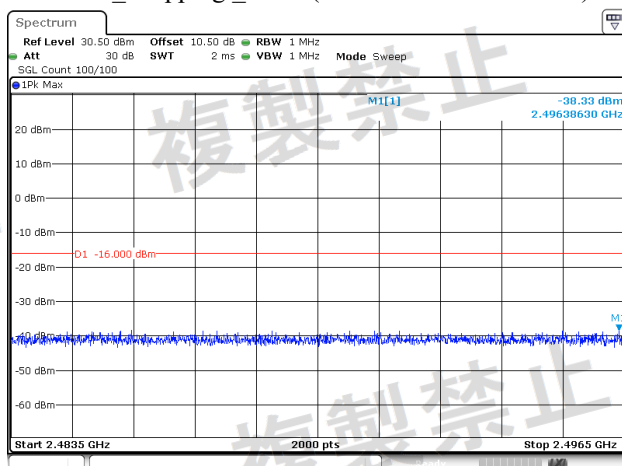
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:46:35

## GFSK\_Hopping\_2DH1(2.387GHz~2.4GHz)



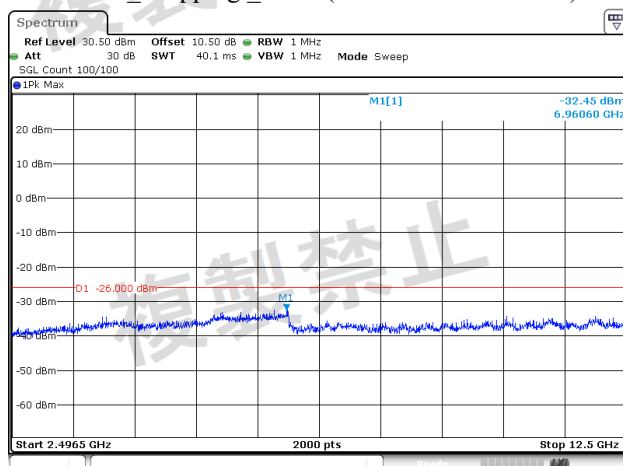
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:46:41

## GFSK\_Hopping\_2DH1(2.4835GHz~2.4965GHz)



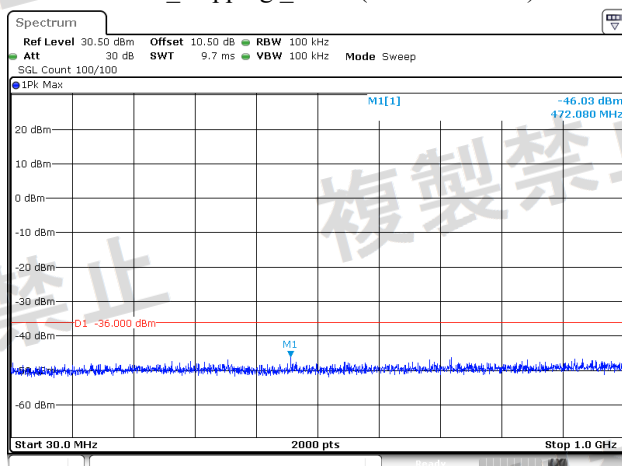
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:46:48

## GFSK\_Hopping\_2DH1(2.4965GHz~12.5GHz)



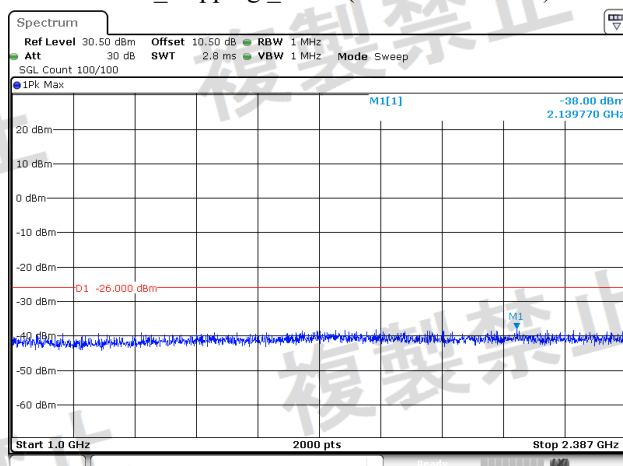
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:47:11

## GFSK\_Hopping\_3DH1(30MHz~1GHz)



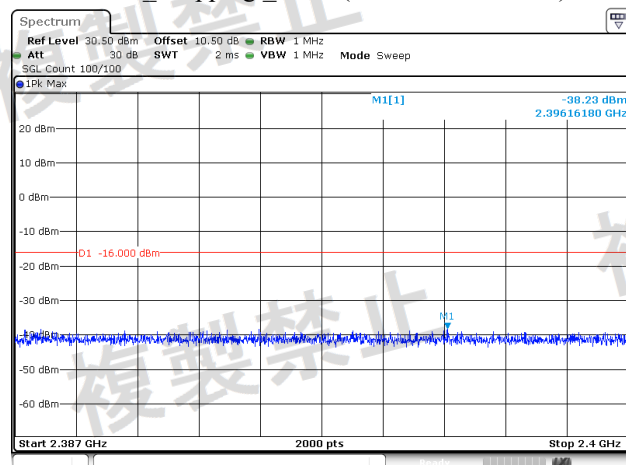
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:47:44

## GFSK\_Hopping\_3DH1(1GHz~2.387GHz)



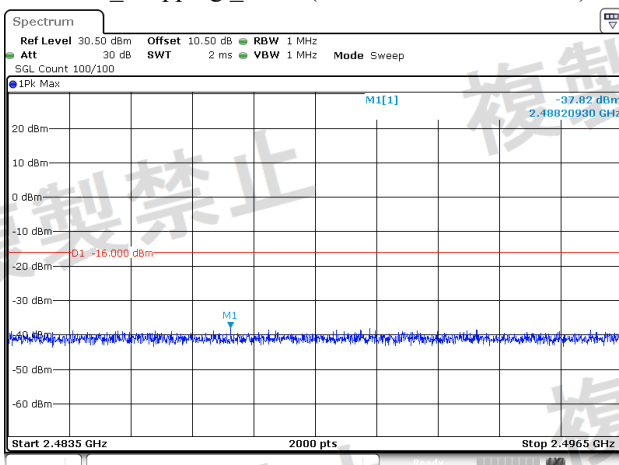
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:47:53

## GFSK\_Hopping\_3DH1(2.387GHz~2.4GHz)



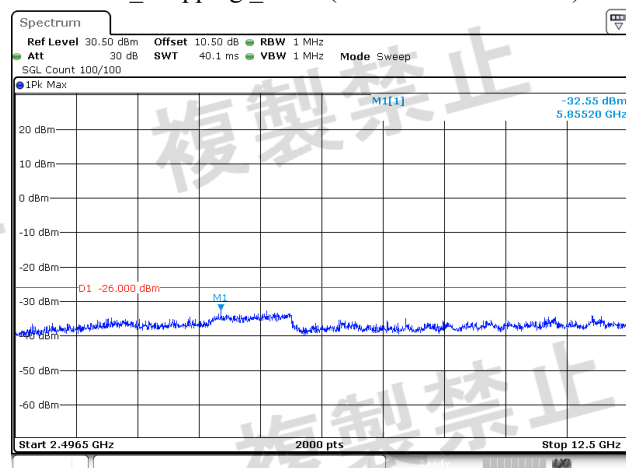
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:48:00

## GFSK\_Hopping\_3DH1(2.4835GHz~2.4965GHz)



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:48:07

## GFSK\_Hopping\_3DH1(2.4965GHz~12.5GHz)



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 00:48:30

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

|             |          |              |                       |
|-------------|----------|--------------|-----------------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/03/26~2026/05/20 |
| Test Site:  | RF       | Test Mode:   | Transmitting          |
| Tester:     | Ethan Bu | Test Result: | Pass                  |

**Environmental Conditions:**

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 22.8~23.4 | Relative<br>Humidity:<br>(%) | 48~52 | ATM Pressure:<br>(kPa) | 100.7~101.1 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

Non AFH mode:

**Test Condition: NV**

| Mode          | Antenna gain<br>(dBi) | Declared power<br>(mW/MHz) |
|---------------|-----------------------|----------------------------|
| GFSK          | 3.08                  | 0.040                      |
| $\pi/4$ DQPSK |                       | 0.040                      |
| 8DPSK         |                       | 0.040                      |

| Mode           | Antenna output power<br>(dBm) | Spread bandwidth<br>(MHz) | Antenna output power<br>(mW/MHz) |          | Antenna output power tolerance(%) |           | EIRP<br>(dBm/MHz) |             | Verdict |
|----------------|-------------------------------|---------------------------|----------------------------------|----------|-----------------------------------|-----------|-------------------|-------------|---------|
|                |                               |                           | Result                           | Limit    | Result                            | Limit     | Result            | Limit       |         |
| GFSK           | 4.71                          | 71.000                    | 0.042                            | $\leq 3$ | 5.00                              | $\leq 20$ | -10.69            | $\leq 6.91$ | Pass    |
| $\pi/4$ -DQPSK | 2.88                          | 71.400                    | 0.027                            | $\leq 3$ | -32.50                            | $\leq 20$ | -12.61            | $\leq 6.91$ | Pass    |
| 8DPSK          | 2.49                          | 71.200                    | 0.025                            | $\leq 3$ | -37.50                            | $\leq 20$ | -12.94            | $\leq 6.91$ | Pass    |

AFH mode:

**Test Condition: NV**

| Mode          | Antenna gain<br>(dBi) | Declared power<br>(mW/MHz) |
|---------------|-----------------------|----------------------------|
| GFSK          | 3.08                  | 0.25                       |
| $\pi/4$ DQPSK |                       | 0.25                       |
| 8DPSK         |                       | 0.25                       |

| Mode           | Antenna output power<br>(dBm) | Spread bandwidth<br>(MHz) | Antenna output power<br>(mW/MHz) |          | Antenna output power tolerance(%) |           | EIRP<br>(dBm/MHz) |             | Verdict |
|----------------|-------------------------------|---------------------------|----------------------------------|----------|-----------------------------------|-----------|-------------------|-------------|---------|
|                |                               |                           | Result                           | Limit    | Result                            | Limit     | Result            | Limit       |         |
| GFSK           | 4.90                          | 17.650                    | 0.175                            | $\leq 3$ | -30.00                            | $\leq 20$ | -4.49             | $\leq 6.91$ | Pass    |
| $\pi/4$ -DQPSK | 6.08                          | 17.950                    | 0.226                            | $\leq 3$ | -9.60                             | $\leq 20$ | -3.38             | $\leq 6.91$ | Pass    |
| 8DPSK          | 6.17                          | 17.850                    | 0.232                            | $\leq 3$ | -7.20                             | $\leq 20$ | -3.27             | $\leq 6.91$ | Pass    |

Note:

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

Antenna output power(mW/MHz) = Antenna output power(mW) / Spread bandwidth(MHz)

Antenna output power Tolerance(%) = (Antenna output power(mW/MHz) - Declared power) / Declared power \* 100%

Antenna output power(dBm/MHz) =  $10 * \log_{10}\{\text{Antenna output power(mW/MHz)}\}$ 

EIRP(dBm/MHz) = Antenna output power(dBm/MHz) + Antenna gain.

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

|             |          |              |            |
|-------------|----------|--------------|------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/02/05 |
| Test Site:  | RF       | Test Mode:   | Receiving  |
| Tester:     | Ethan Bu | Test Result: | Pass       |

**Environmental Conditions:**

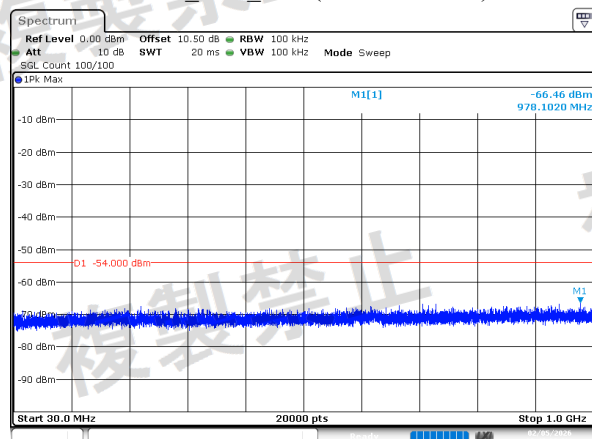
|                      |      |                              |    |                        |       |
|----------------------|------|------------------------------|----|------------------------|-------|
| Temperature:<br>(°C) | 23.4 | Relative<br>Humidity:<br>(%) | 52 | ATM Pressure:<br>(kPa) | 100.7 |
|----------------------|------|------------------------------|----|------------------------|-------|

**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       | 978.102                   | -66.46       | 0.226       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 6760.64                   | -52.12       | 6.138       | 20         | Pass    |
|                | Middle  | Band I (100kHz) | 30              | 1000       | 851.323                   | -66.61       | 0.218       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 5845.81                   | -51.15       | 7.674       | 20         | Pass    |
|                | High    | Band I (100kHz) | 30              | 1000       | 942.6                     | -66.52       | 0.223       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 6731.89                   | -52.38       | 5.781       | 20         | Pass    |
| $\pi/4$ -DQPSK | Low     | Band I (100kHz) | 30              | 1000       | 946.238                   | -65.94       | 0.255       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 5982.66                   | -52.29       | 5.902       | 20         | Pass    |
|                | Middle  | Band I (100kHz) | 30              | 1000       | 944.686                   | -66.05       | 0.248       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 5791.19                   | -52.71       | 5.358       | 20         | Pass    |
|                | High    | Band I (100kHz) | 30              | 1000       | 876.349                   | -66.30       | 0.234       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 6930.26                   | -52.17       | 6.067       | 20         | Pass    |
| 8DPSK          | Low     | Band I (100kHz) | 30              | 1000       | 989.063                   | -66.36       | 0.231       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 6758.34                   | -52.05       | 6.237       | 20         | Pass    |
|                | Middle  | Band I (100kHz) | 30              | 1000       | 868.25                    | -66.53       | 0.222       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 5795.79                   | -51.69       | 6.776       | 20         | Pass    |
|                | High    | Band I (100kHz) | 30              | 1000       | 659.409                   | -66.14       | 0.243       | 4          | Pass    |
|                |         | Band II (1MHz)  | 1000            | 12500      | 5802.69                   | -52.43       | 5.715       | 20         | Pass    |

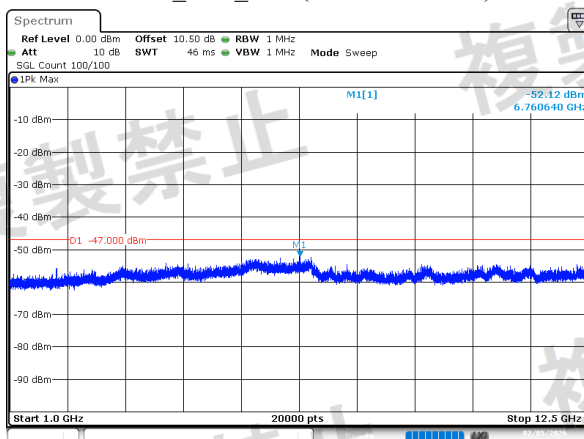
## Test Condition: NV

## GFSK\_Low\_DH1(30MHz~1GHz)



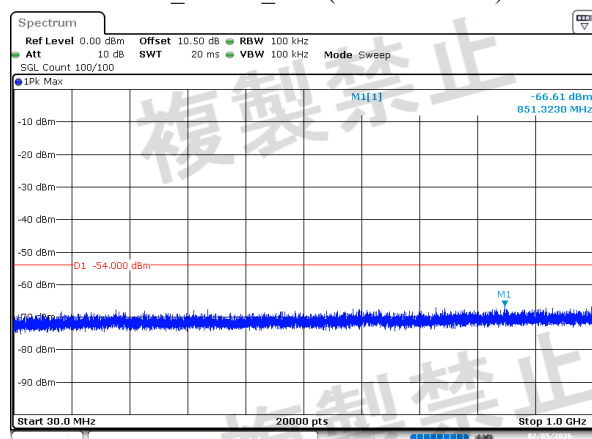
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:43:22

## GFSK\_Low\_DH1(1GHz~12.5GHz)



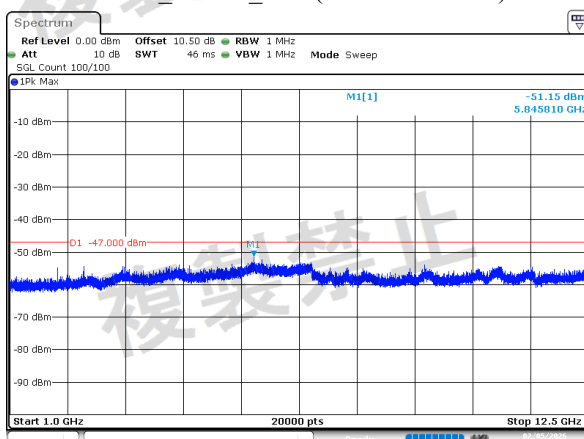
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:43:44

## GFSK\_Middle\_DH1(30MHz~1GHz)



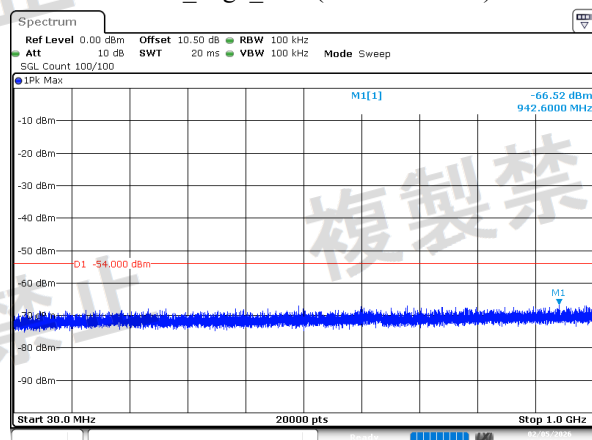
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:43:55

## GFSK\_Middle\_DH1(1GHz~12.5GHz)



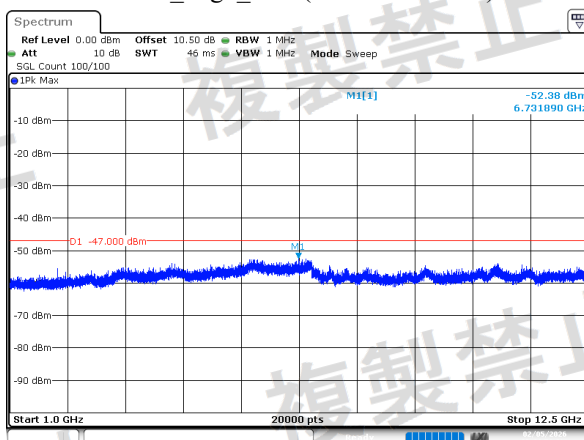
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:44:17

## GFSK\_High\_DH1(30MHz~1GHz)

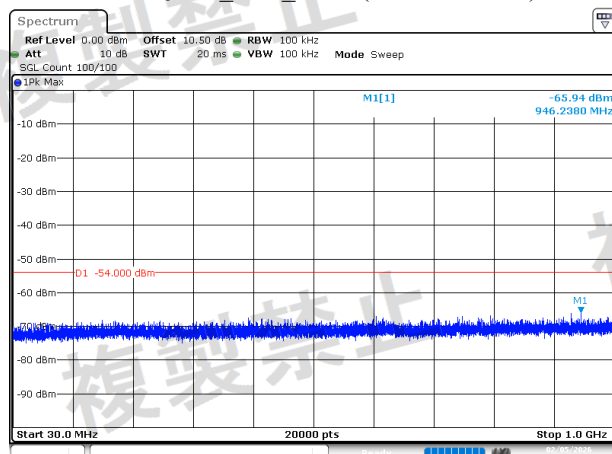


ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:44:29

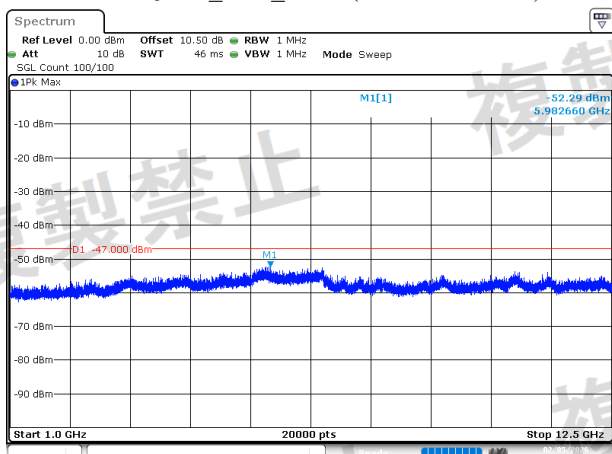
## GFSK\_High\_DH1(1GHz~12.5GHz)



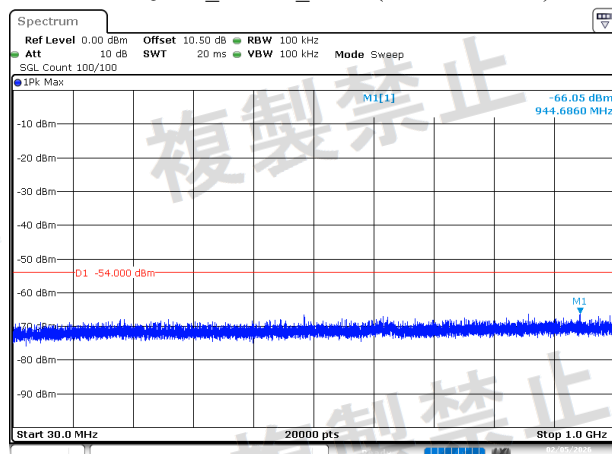
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:44:51

$\pi/4$ -DQPSK\_Low\_2DH1(30MHz~1GHz)

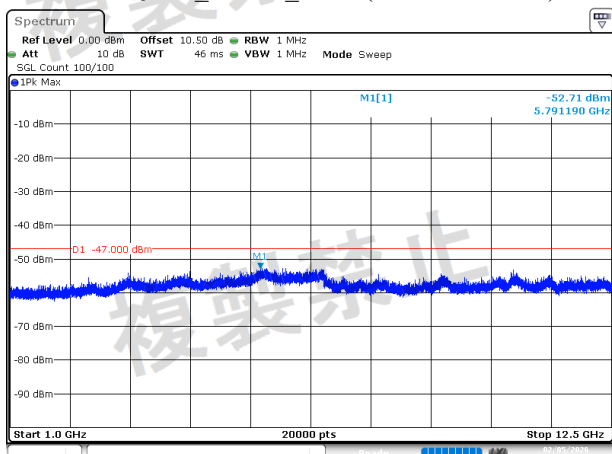
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:45:02

 $\pi/4$ -DQPSK\_Low\_2DH1(1GHz~12.5GHz)

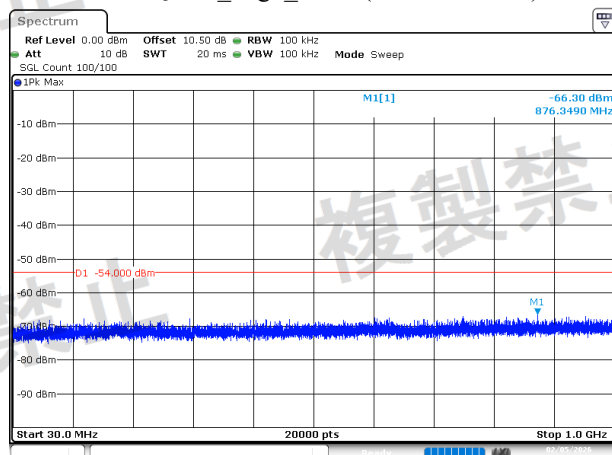
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:45:20

 $\pi/4$ -DQPSK\_Middle\_2DH1(30MHz~1GHz)

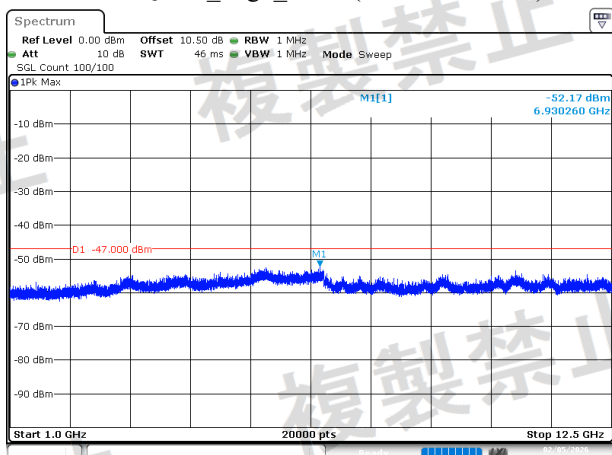
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:45:35

 $\pi/4$ -DQPSK\_Middle\_2DH1(1GHz~12.5GHz)

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:45:57

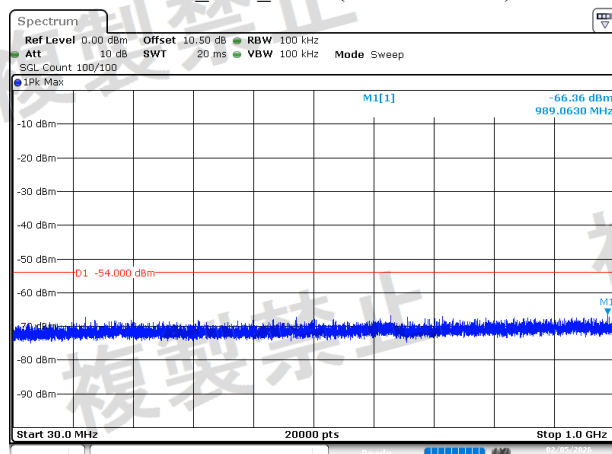
 $\pi/4$ -DQPSK\_High\_2DH1(30MHz~1GHz)

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:46:08

 $\pi/4$ -DQPSK\_High\_2DH1(1GHz~12.5GHz)

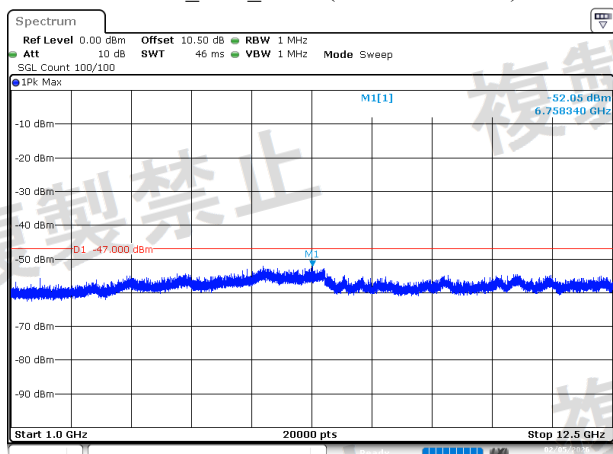
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Date: 5.FEB.2026 00:46:30

## 8DPSK\_Low\_3DH1(30MHz~1GHz)



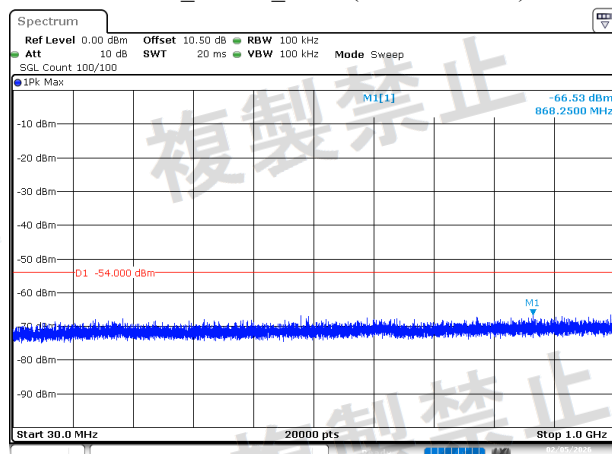
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Date: 5.FEB.2026 00:46:42

## 8DPSK\_Low\_3DH1(1GHz~12.5GHz)



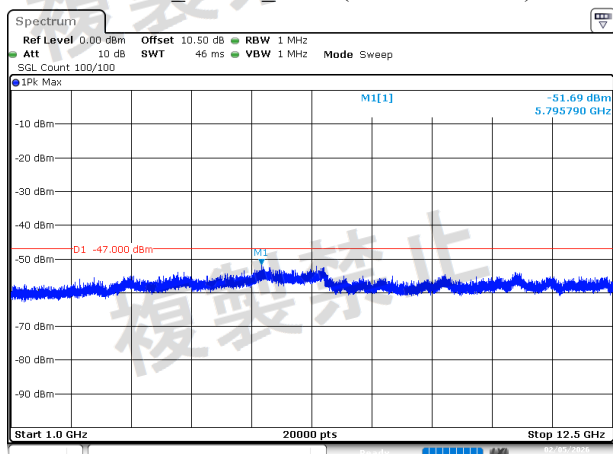
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:47:04

## 8DPSK\_Middle\_3DH1(30MHz~1GHz)



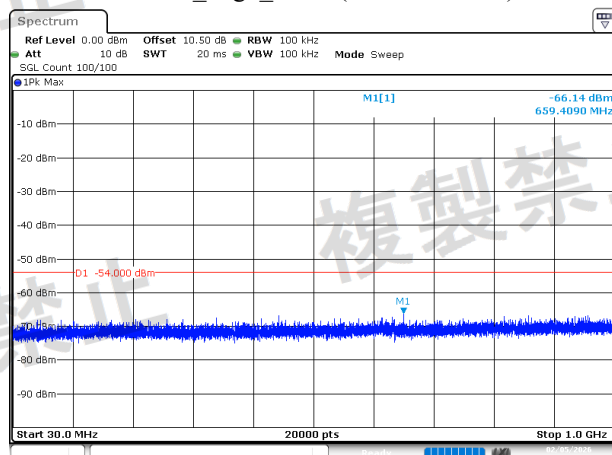
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Date: 5.FEB.2026 00:47:15

## 8DPSK\_Middle\_3DH1(1GHz~12.5GHz)



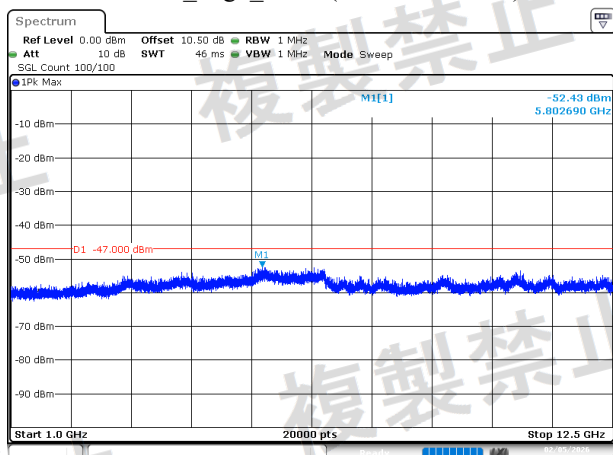
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:47:37

## 8DPSK\_High\_3DH1(30MHz~1GHz)



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:47:49

## 8DPSK\_High\_3DH1(1GHz~12.5GHz)



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 5.FEB.2026 00:48:53

**Frequency Hopping Dwell Time****Test Information:**

|             |          |              |                       |
|-------------|----------|--------------|-----------------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/03/26~2026/05/21 |
| Test Site:  | RF       | Test Mode:   | Transmitting          |
| Tester:     | Ethan Bu | Test Result: | Pass                  |

**Environmental Conditions:**

|                      |           |                              |       |                        |             |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|
| Temperature:<br>(°C) | 23.4~24.8 | Relative<br>Humidity:<br>(%) | 47~52 | ATM Pressure:<br>(kPa) | 100.7~101.1 |
|----------------------|-----------|------------------------------|-------|------------------------|-------------|

Non AFH mode:

**Test Condition: NV**

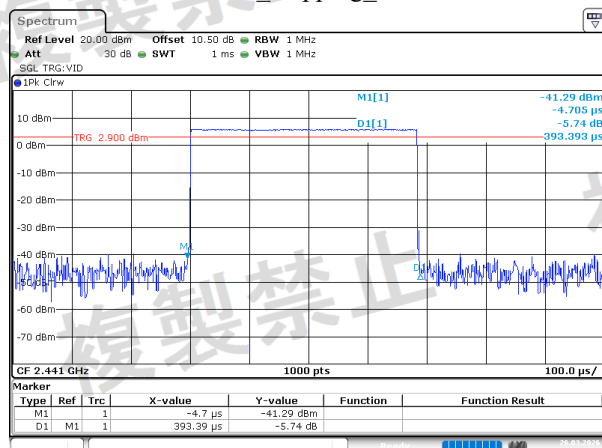
| Mode           | Packet Type | Spreading bandwidth | Ton (ms) | Observed Period(s) | Hopping Number In Observed Period | Result (s) | Limit(s) | Verdict |
|----------------|-------------|---------------------|----------|--------------------|-----------------------------------|------------|----------|---------|
| GFSK           | DH1         | 71.0000             | 0.393    | 28.4000            | 207                               | 0.081      | ≤ 0.4    | Pass    |
|                | DH3         | 71.2000             | 1.652    | 28.4800            | 124                               | 0.205      | ≤ 0.4    | Pass    |
|                | DH5         | 71.0000             | 2.903    | 28.4000            | 85                                | 0.247      | ≤ 0.4    | Pass    |
| $\pi/4$ -DQPSK | 2DH1        | 71.4000             | 0.400    | 28.5600            | 211                               | 0.084      | ≤ 0.4    | Pass    |
|                | 2DH3        | 71.6000             | 1.658    | 28.6400            | 112                               | 0.186      | ≤ 0.4    | Pass    |
|                | 2DH5        | 71.4000             | 2.913    | 28.5600            | 86                                | 0.251      | ≤ 0.4    | Pass    |
| 8DPSK          | 3DH1        | 71.2000             | 0.404    | 28.4800            | 207                               | 0.084      | ≤ 0.4    | Pass    |
|                | 3DH3        | 71.4000             | 1.655    | 28.5600            | 125                               | 0.207      | ≤ 0.4    | Pass    |
|                | 3DH5        | 71.2000             | 2.913    | 28.4800            | 99                                | 0.288      | ≤ 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.

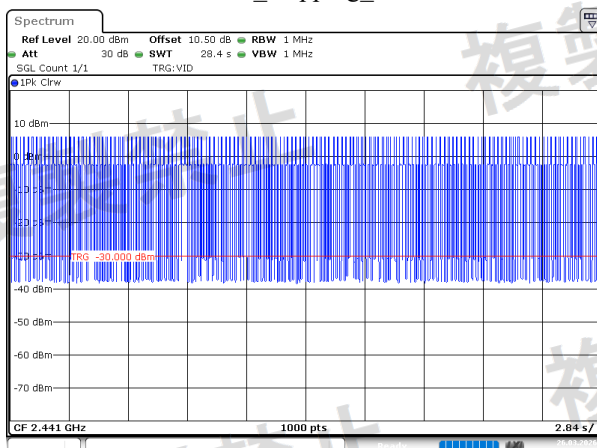
## Test Condition: NV

## GFSK\_Hopping\_DH1



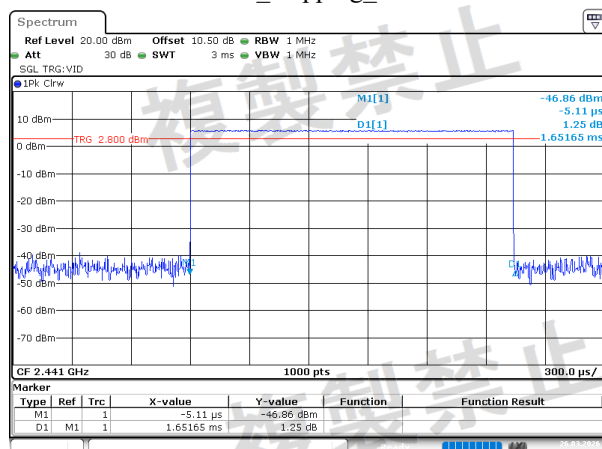
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 26.MAR.2026 19:35:18

## GFSK\_Hopping\_DH1



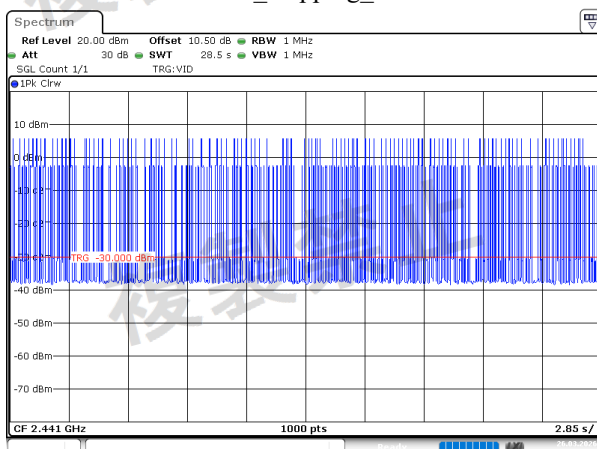
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 26.MAR.2026 19:35:11

## GFSK\_Hopping\_DH3



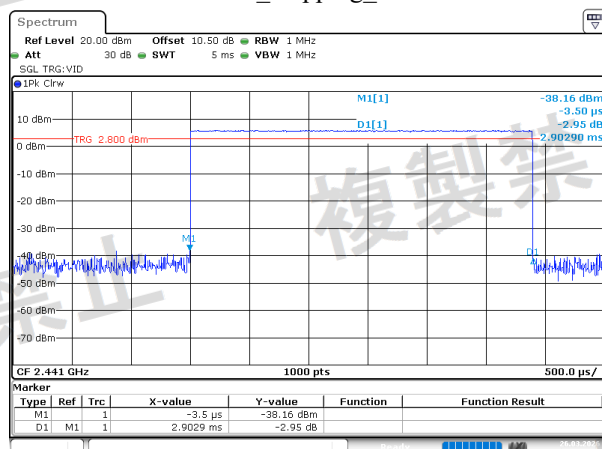
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 26.MAR.2026 19:36:31

## GFSK\_Hopping\_DH3



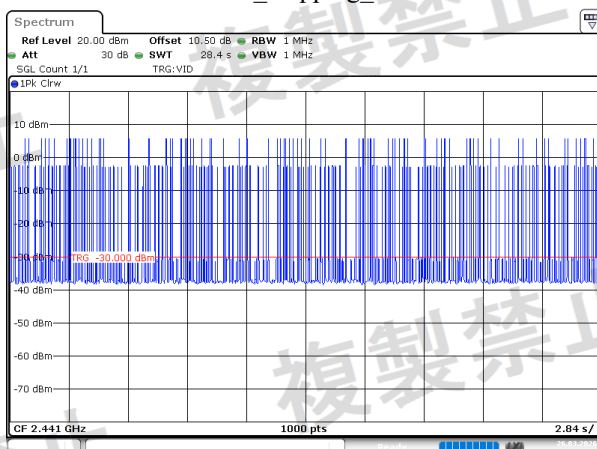
ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 26.MAR.2026 19:37:04

## GFSK\_Hopping\_DH5

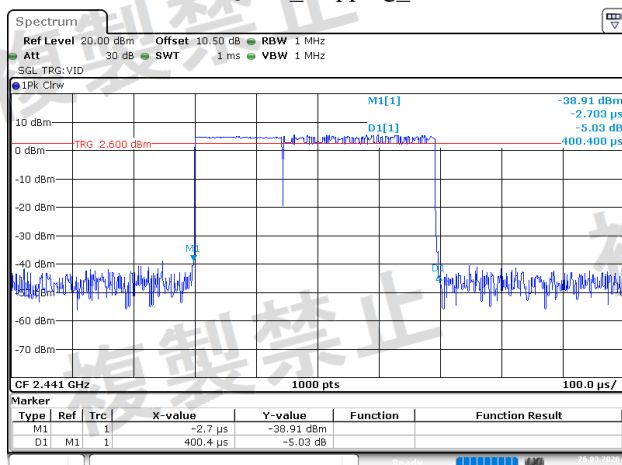


ProjectNo.:2501A02859E-RF Tester:Rthan Bu  
Date: 26.MAR.2026 19:38:01

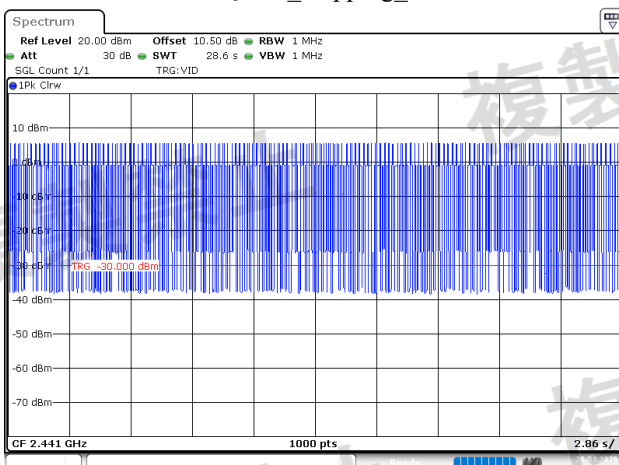
## GFSK\_Hopping\_DH5



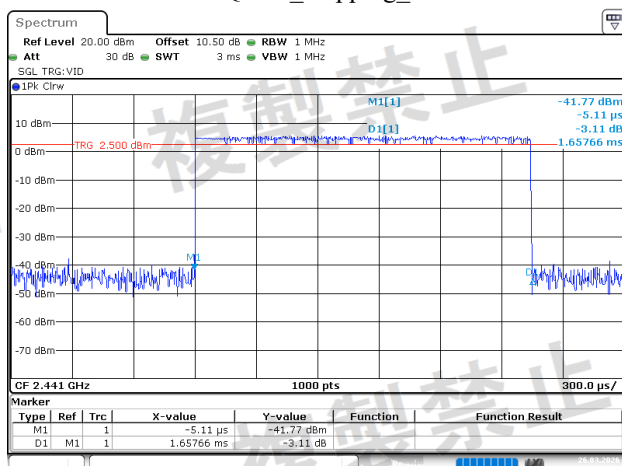
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Date: 26.MAR.2026 19:38:14

$\pi/4$ -DQPSK\_Hopping\_2DH1

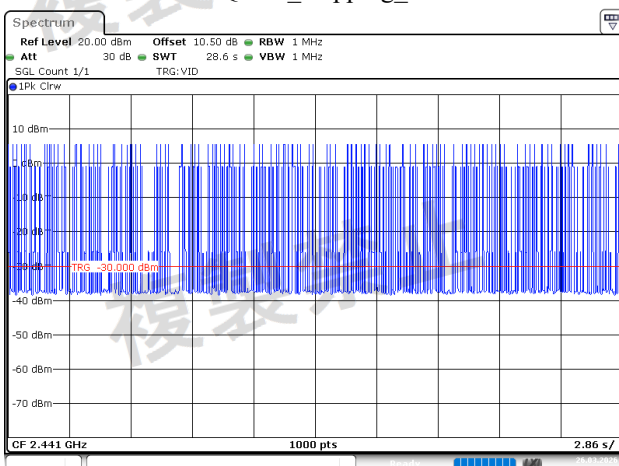
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Date: 26.MAR.2026 19:39:14

 $\pi/4$ -DQPSK\_Hopping\_2DH1

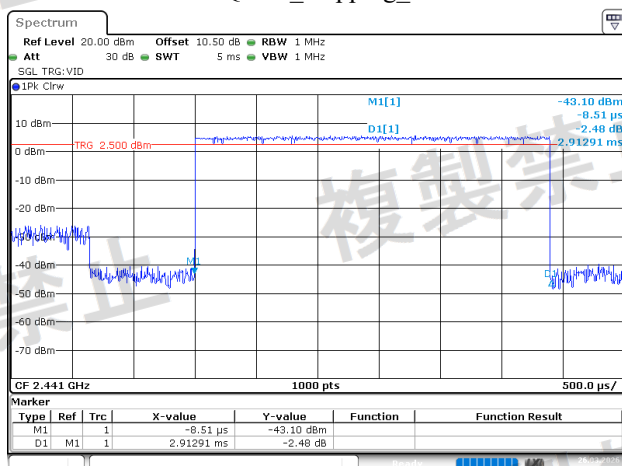
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:39:48

 $\pi/4$ -DQPSK\_Hopping\_2DH3

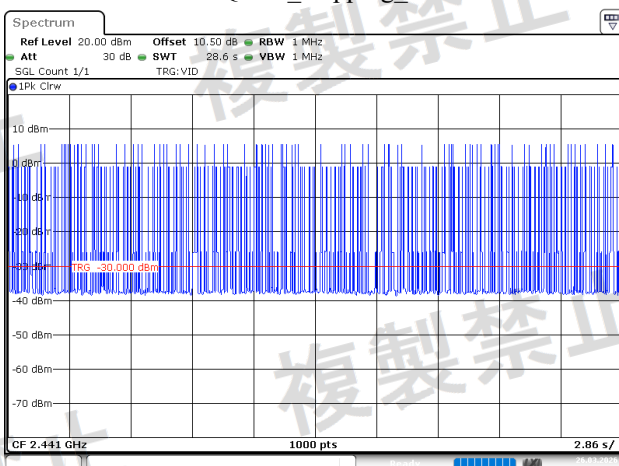
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:41:09

 $\pi/4$ -DQPSK\_Hopping\_2DH3

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:41:43

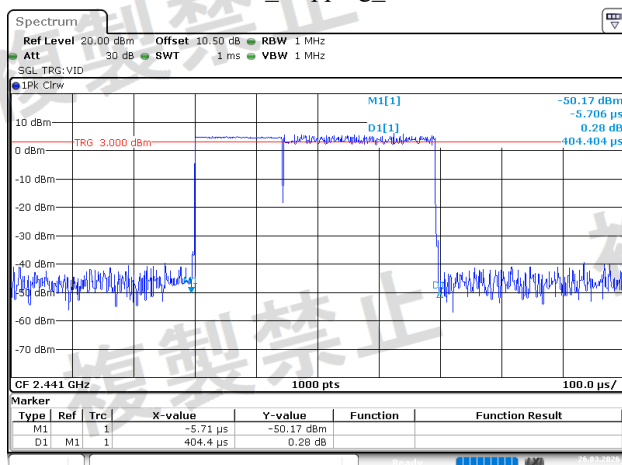
 $\pi/4$ -DQPSK\_Hopping\_2DH5

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:42:29

 $\pi/4$ -DQPSK\_Hopping\_2DH5

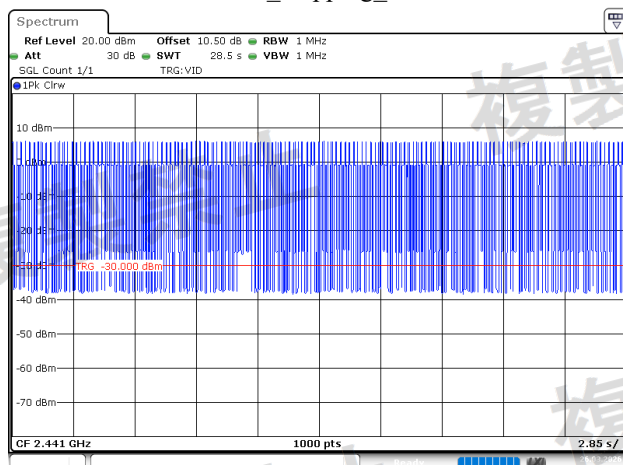
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:43:03

## 8DPSK\_Hopping\_3DH1



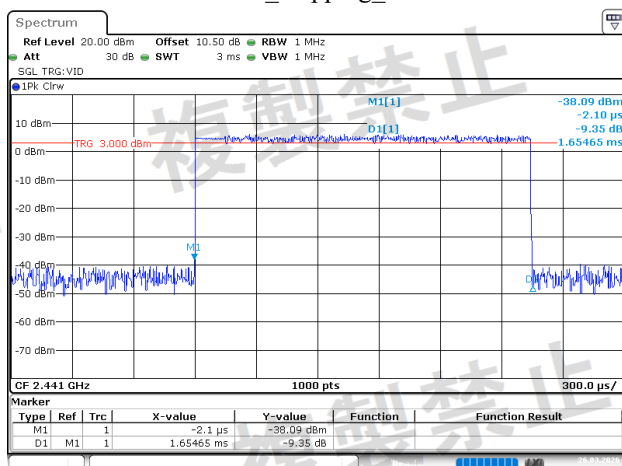
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Date: 26.MAR.2026 19:43:43

## 8DPSK\_Hopping\_3DH1



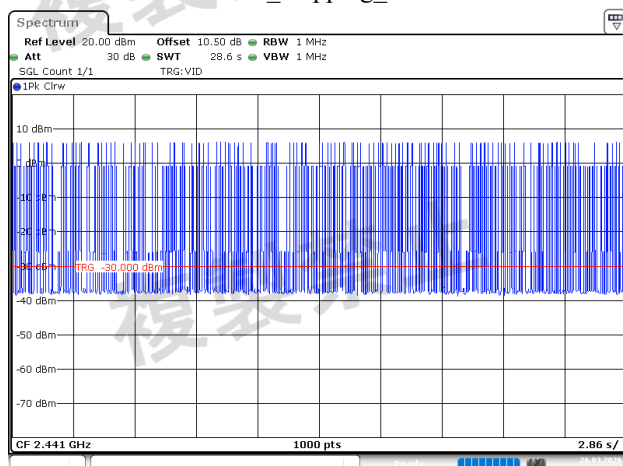
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:44:17

## 8DPSK\_Hopping\_3DH3



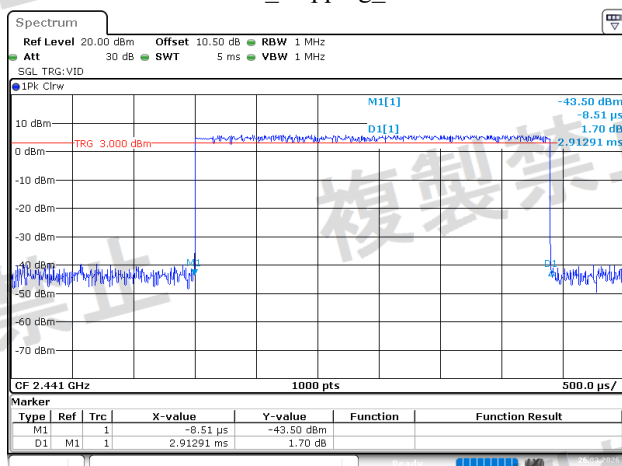
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:44:44

## 8DPSK\_Hopping\_3DH3



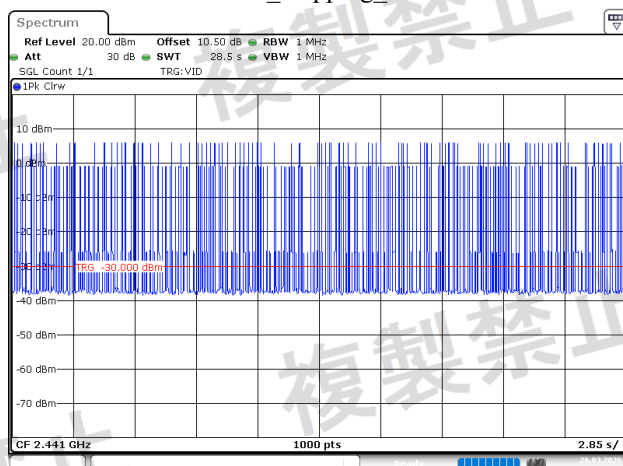
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:45:17

## 8DPSK\_Hopping\_3DH5



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:45:54

## 8DPSK\_Hopping\_3DH5



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 26.MAR.2026 19:46:27

AFH mode:

**Test Condition: NV**

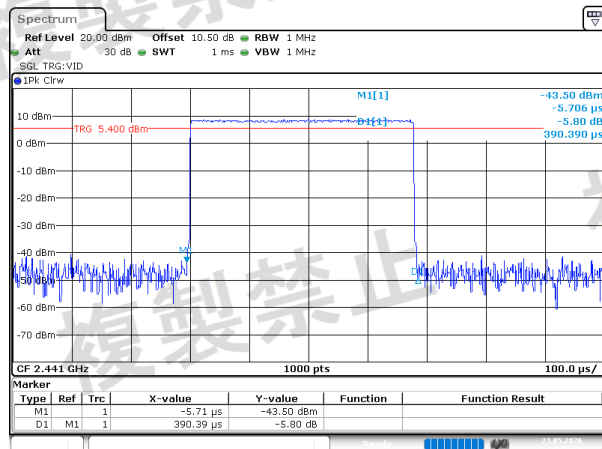
| Mode           | Packet Type | Spreading bandwidth | Ton (ms) | Observed Period(s) | Hopping Number In Observed Period | Result (s) | Limit(s) | Verdict |
|----------------|-------------|---------------------|----------|--------------------|-----------------------------------|------------|----------|---------|
| GFSK           | AFH_DH1     | 17.6500             | 0.390    | 7.0600             | 184                               | 0.072      | ≤ 0.4    | Pass    |
|                | AFH_DH3     | 17.7500             | 1.652    | 7.1000             | 116                               | 0.192      |          | Pass    |
|                | AFH_DH5     | 17.6500             | 2.903    | 7.0600             | 80                                | 0.232      |          | Pass    |
| $\pi/4$ -DQPSK | AFH_2DH1    | 17.9500             | 0.394    | 7.1800             | 180                               | 0.071      |          | Pass    |
|                | AFH_2DH3    | 17.8500             | 1.652    | 7.1400             | 119                               | 0.197      |          | Pass    |
|                | AFH_2DH5    | 17.6500             | 2.908    | 7.0600             | 83                                | 0.241      |          | Pass    |
| 8DPSK          | AFH_3DH1    | 17.8500             | 0.396    | 7.1400             | 186                               | 0.074      |          | Pass    |
|                | AFH_3DH3    | 18.0000             | 1.652    | 7.2000             | 117                               | 0.193      |          | Pass    |
|                | AFH_3DH5    | 17.9500             | 2.908    | 7.1800             | 90                                | 0.262      |          | Pass    |

Note:

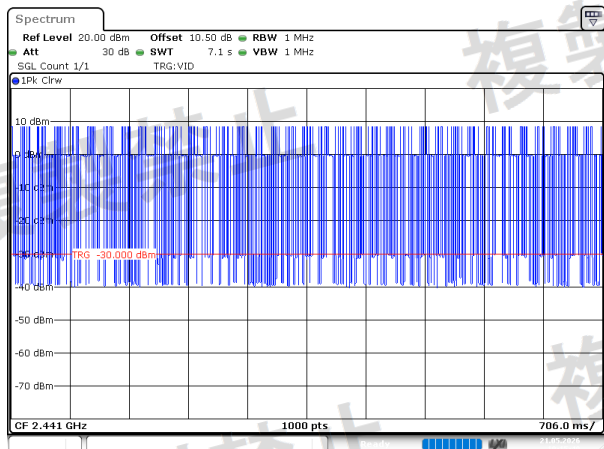
1. Result = Time per one hopping (Ton) \* hopping number (within the time obtained by multiplying the spread rate by 0.4s).
2. The Spread Bandwidth please refer to Occupied Bandwidth and Spreading Bandwidth.

## Test Condition: NV

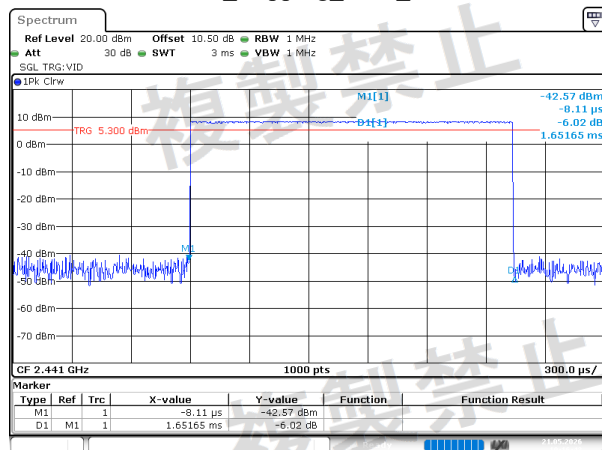
## GFSK\_Hopping\_AFH\_DH1



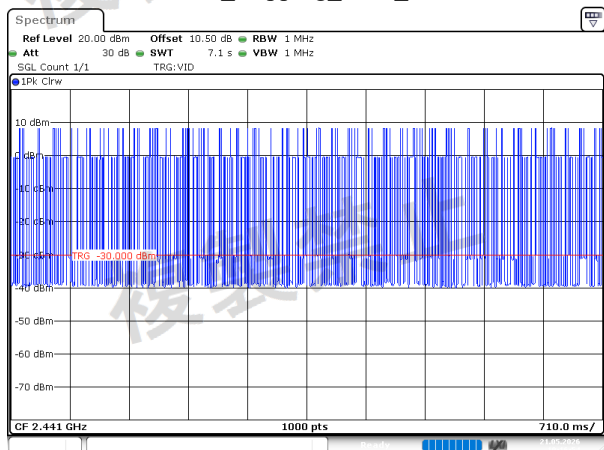
## GFSK\_Hopping\_AFH\_DH1



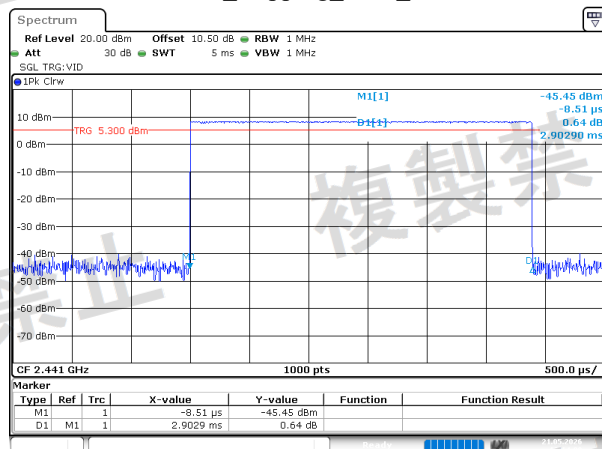
## GFSK\_Hopping\_AFH\_DH3



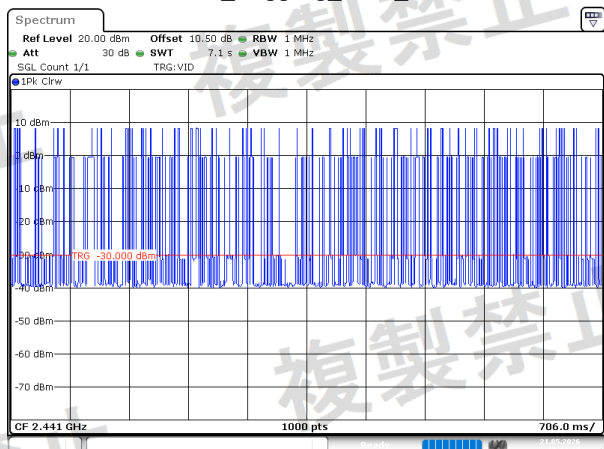
## GFSK\_Hopping\_AFH\_DH3

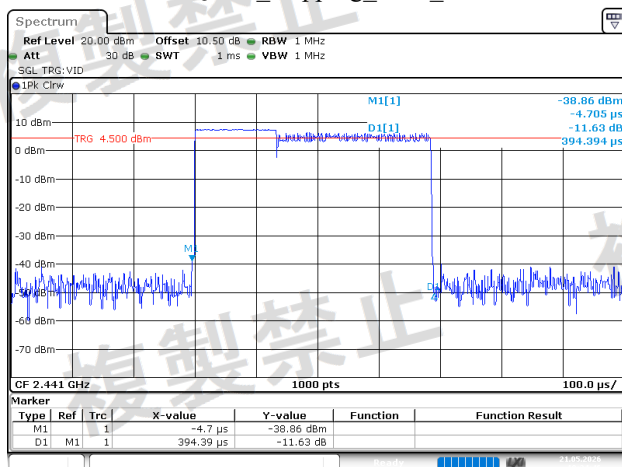


## GFSK\_Hopping\_AFH\_DH5

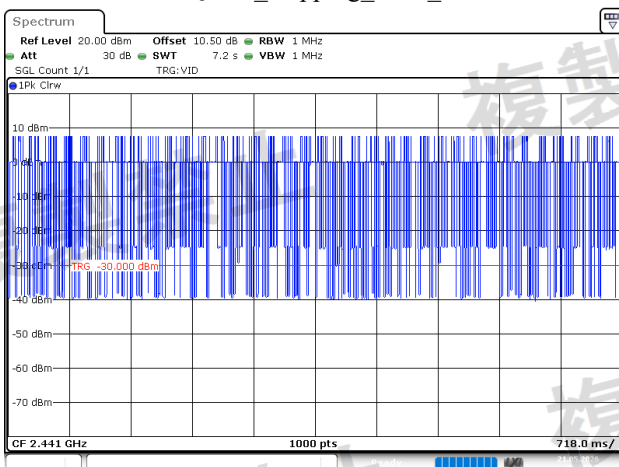


## GFSK\_Hopping\_AFH\_DH5

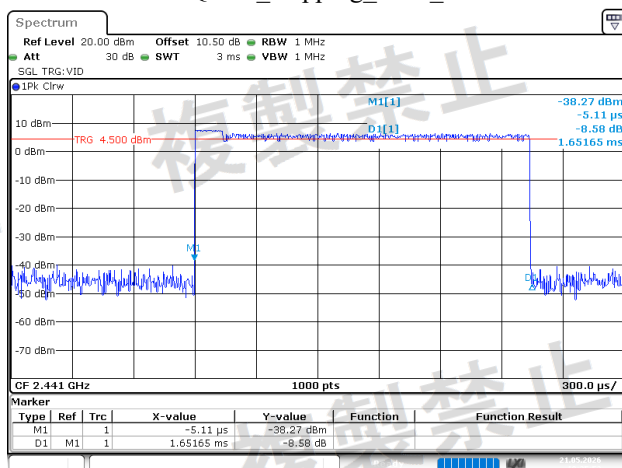


$\pi/4$ -DQPSK\_Hopping\_AFH\_2DH1

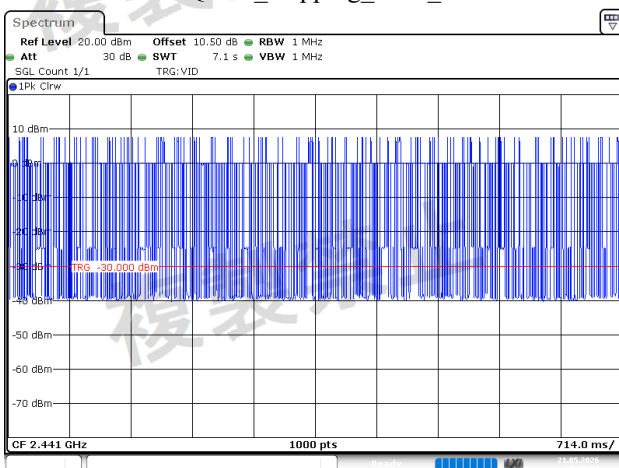
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:24:47

 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH1

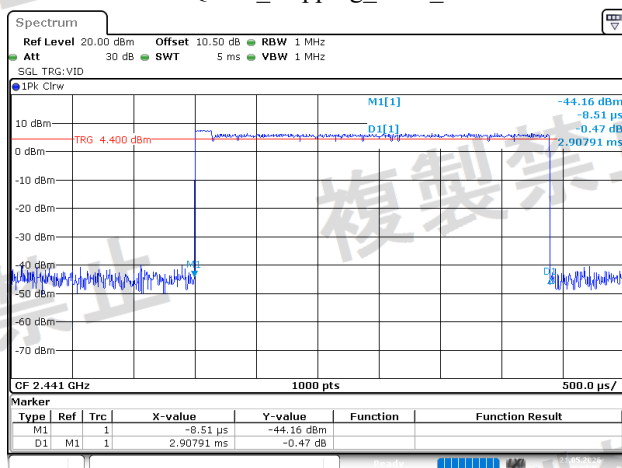
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:24:38

 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH3

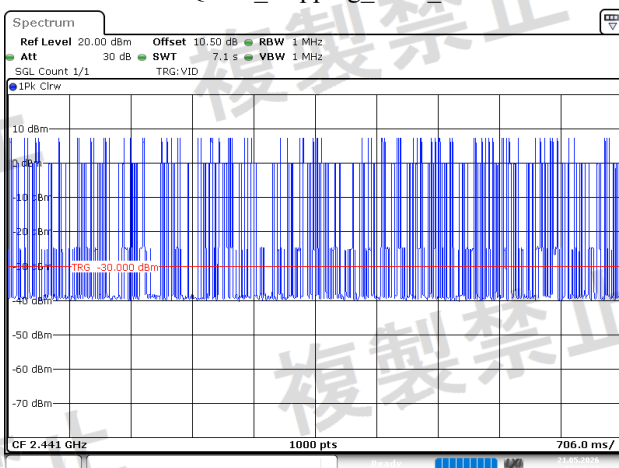
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:25:53

 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH3

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:26:04

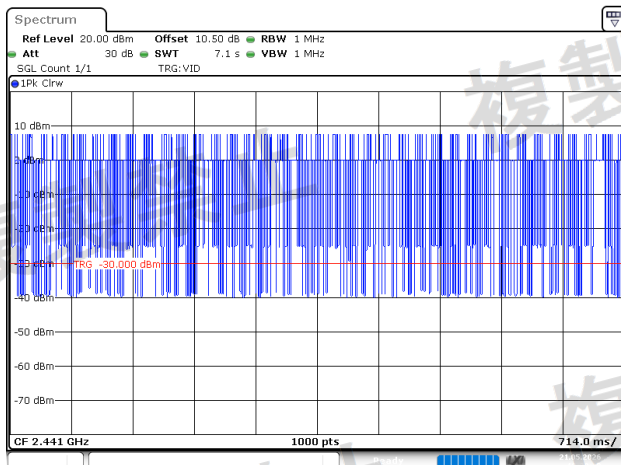
 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH5

ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:27:01

 $\pi/4$ -DQPSK\_Hopping\_AFH\_2DH5

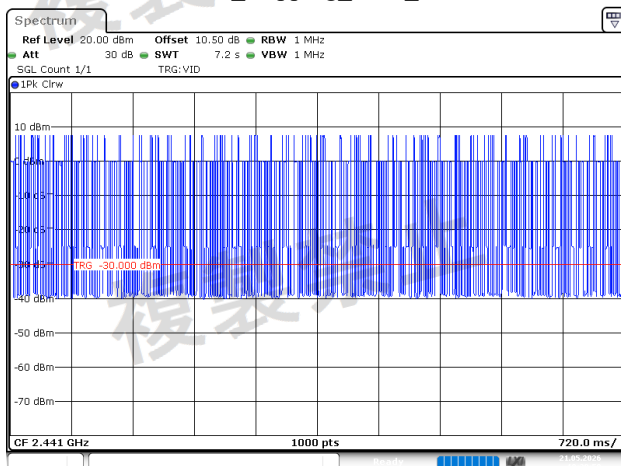
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:27:13

## 8DPSK Hopping AFH 3DH1



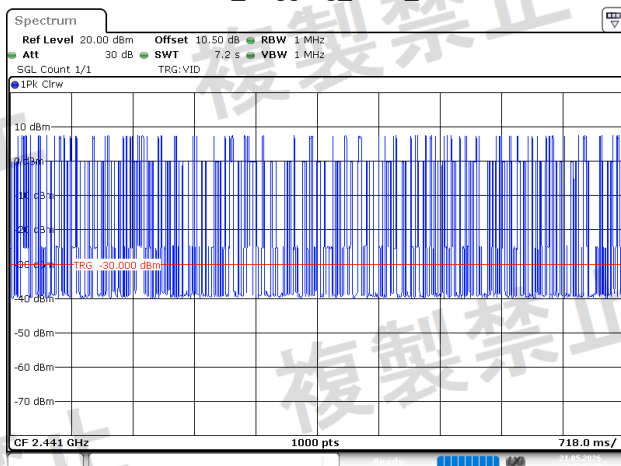
ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:28:20

## 8DPSK Hopping AFH 3DH3



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:30:58

## 8DPSK Hopping AFH 3DH5



ProjectNo.:2501A02859E-RF Tester:Ethan Bu  
Date: 21.MAY.2026 19:36:21

**Interference Prevention Function****Test Information:**

|             |          |              |               |
|-------------|----------|--------------|---------------|
| Sample No.: | 3FAN-2   | Test Date:   | 2026/02/04    |
| Test Site:  | RF       | Test Mode:   | Communicating |
| Tester:     | Ethan Bu | Test Result: | Good          |

**Environmental Conditions:**

|                      |      |                              |    |                        |       |
|----------------------|------|------------------------------|----|------------------------|-------|
| Temperature:<br>(°C) | 23.4 | Relative<br>Humidity:<br>(%) | 52 | ATM Pressure:<br>(kPa) | 100.7 |
|----------------------|------|------------------------------|----|------------------------|-------|

| Item                                           | Result            | Requirement     | Verdict   |
|------------------------------------------------|-------------------|-----------------|-----------|
| <b>Methodology to transmit ID Code:</b>        | Automatically     | Automatically   | Compliant |
| <b>Methodology to receive ID Code:</b>         | Automatically     | Automatically   | Compliant |
| <b>Identification Codes (ID Codes) of EUT:</b> | 80:9D:65:98:A9:89 | /               | /         |
| <b>Bits of ID Codes:</b>                       | 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 2501A02859E-RF-EXP External photo and 2501A02859E-RF-INP Internal photo.

## TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501A02859E-RF-TSP Test Setup photo.

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