

TEST REPORT

Applicant: NOTHING TECHNOLOGY LIMITED
Address: Bedford House 21A John Street, London, United Kingdom WC1N 2BF
Equipment Type: Wireless Earphone
Model Name: B197
Brand Name: cmf by NOTHING
Test Standard: MIC Notice No.88 Appendix No.43
Ordinance of MPT No.37, 1981:
Article 2 paragraph 1 item (19)
Sample Arrival Date: Apr. 21, 2026
Test Date: Apr. 27, 2026
Date of Issue: Jun. 25, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** Li Renyu**Checked by:** Li Ganming**Approved by:** Tolan Tu

(Testing Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jun. 25, 2026</u>	<u>Initial Issue</u>

TABLE OF CONTENTS

1. GENERAL INFORMATION	4
1.1 Test Laboratory	4
1.2 Test Location	4
2. PRODUCT INFORMATION	5
2.1 Applicant Information	5
2.2 Manufacturer Information	5
2.3 General Description for Equipment under Test (EUT)	5
2.4 Technical Information	6
3. SUMMARY OF TEST RESULTS	9
3.1 MEASUREMENT UNCERTAINTY	10
4. GENERAL TEST CONFIGURATIONS	11
4.1 Test Environment Conditions	11
4.2 Test Equipment List	12
4.3 Test Software List	13
4.4 Description of Test Setup	13
5. TEST ITEMS	15
5.1 Frequency Error Measurement	15
5.2 Occupied Bandwidth and Spread-spectrum Bandwidth	16
5.3 The frequency retention time	18
5.4 Unwanted Emission Intensity Measurement	19
5.5 Antenna Power Error Measurement	20
5.6 Limitation of Collateral Emission of Receiver Measurement	22
5.7 Transmission Antenna Gain (EIRP Antenna Power) Measurement	23
5.8 Transmission Radiation Angle Width (3dB Beamwidth) Measurement	25

5.9	Radio Interference Prevention Capability Measurement	26
ANNEX A	TEST RESULT	27
A.1	Frequency Error.....	27
A.2	Occupied Bandwidth and Spread-spectrum Bandwidth	35
A.3	The frequency retention time (Dwell time).....	49
A.4	Unwanted Emission Intensity Measurement	57
A.5	Antenna Power Error Measurement.....	95
A.6	Limitation of Collateral Emission of Receiver Measurement.....	103
A.7	Transmission Antenna Gain (EIRP Antenna Power) Measurement	141
A.8	Transmission Radiation Angle Width (3dB Bandwidth) Measurement.....	141
A.9	Radio Interference Prevention Capability Measurement	141
A.10	Construction Protection Confirmation Method.....	141
ANNEX B	TEST SETUP PHOTOS	142
ANNEX C	EUT EXTERNAL PHOTOS.....	142
ANNEX D	EUT INTERNAL PHOTOS.....	142

1. GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☐ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong

2. PRODUCT INFORMATION

2.1 Applicant Information

Applicant	NOTHING TECHNOLOGY LIMITED
Address	Bedford House, 21A John Street, London, United Kingdom WC1N 2BF

2.2 Manufacturer Information

Manufacturer	NOTHING TECHNOLOGY LIMITED
Address	Bedford House, 21A John Street, London, United Kingdom WC1N 2BF

2.3 General Description for Equipment under Test (EUT)

EUT Name	Wireless Earphone
Model Name Under Test	B197
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V32
Software Version	V2.1
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE)
-----------------------------------	------------------------

The requirement for the following technical information of the EUT was tested in this report:

Modulation Technology		Bluetooth (For Classic): FHSS Bluetooth Low Energy: Digital modulation method other than orthogonal frequency division multiplexing (OFDM) or spread spectrum method
Modulation Type		Bluetooth(For Classic): GFSK, $\pi/4$ -DQPSK, 8-DPSK Bluetooth Low Energy: GFSK
Transfer Rate		DH5: 1 Mbps 2DH5: 2 Mbps 3DH5: 3 Mbps BLE: 1 Mbps BLE: 2 Mbps
Frequency Range		The frequency range used is 2402 MHz – 2480 MHz; The frequency block is 2400 MHz to 2483.5 MHz.
Number of Channel		Bluetooth (For Classic): 79 (at intervals of 1 MHz) Bluetooth Low Energy: 40 (at intervals of 2 MHz) ^{Note1}
Tested Channel		Bluetooth (For Classic): 0 (2402 MHz), 39 (2441 MHz), 78 (2480 MHz) Bluetooth Low Energy: 1Mbps: 0 (2402 MHz), 19 (2440 MHz), 39 (2480 MHz) 2Mbps: 1 (2404 MHz), 19 (2440 MHz), 38 (2478 MHz)
Antenna Type	Left Ear Right Ear	FPC Antenna
Antenna Gain	Left Ear	-1.89 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
	Right Ear	-1.64 dBi (In test items related to antenna gain, the final results reflect this figure. This value is provided by the applicant.)
Whether to support AFH mode in Classic Bluetooth		The EUT does need to measure AFH occupied bandwidth, spread bandwidth and output power density (total power divided by spread bandwidth)
Declare Max rated power density	Left Ear	Bluetooth (For Classic): 1.2000 mW/MHz
	Right Ear	Bluetooth (For Classic): 1.2000 mW/MHz
Declare Max rated power	Left Ear	Bluetooth Low Energy: 6.0000 mW
	Right Ear	Bluetooth Low Energy: 6.0000 mW
About the Product		Only the Bluetooth was tested in this report.
Note1: 2Mbps does not support Channel 0, Channel 12, Channel 39.		

All channel was listed on the following table:

For Classic

Channel number	Freq. (MHz)	Channel number	Freq. (MHz)	Channel number	Freq. (MHz)	Channel number	Freq. (MHz)
0	2402	21	2423	42	2444	63	2465
1	2403	22	2424	43	2445	64	2466
2	2404	23	2425	44	2446	65	2467
3	2405	24	2426	45	2447	66	2468
4	2406	25	2427	46	2448	67	2469
5	2407	26	2428	47	2449	68	2470
6	2408	27	2429	48	2450	69	2471
7	2409	28	2430	49	2451	70	2472
8	2410	29	2431	50	2452	71	2473
9	2411	30	2432	51	2453	72	2474
10	2412	31	2433	52	2454	73	2475
11	2413	32	2434	53	2455	74	2476
12	2414	33	2435	54	2456	75	2477
13	2415	34	2436	55	2457	76	2478
14	2416	35	2437	56	2458	77	2479
15	2417	36	2438	57	2459	78	2480
16	2418	37	2439	58	2460	-	-
17	2419	38	2440	59	2461	-	-
18	2420	39	2441	60	2462	-	-
19	2421	40	2442	61	2463	-	-
20	2422	41	2443	62	2464	-	-

BLE 1Mbps:

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

BLE 2Mbps:

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

3. SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

Part	Description	Channel (BT for Classic)	Channel (BLE)	Test Mode	Data Rate (Mbps)	Verdict
5.1	Frequency Error	Low/Middle/High	Low/Middle/High	un-modulation	/	Pass
5.2	Occupied Bandwidth and Spread-spectrum Bandwidth	Hopping Mode AFH Mode	Low/Middle/High	GFSK, $\pi/4$ -DQPSK, 8DPSK, GFSK(BLE)	1/2/3; 1/2(BLE)	Pass
5.3	The frequency retention time	Hopping Mode	N/A	GFSK, $\pi/4$ -DQPSK, 8DPSK	1/2/3	Pass
5.4	Unwanted Emission Intensity	Hopping Mode Low/Middle/High	Low/Middle/High	GFSK, $\pi/4$ -DQPSK, 8DPSK, GFSK(BLE)	1/2/3; 1/2(BLE)	Pass
5.5	Antenna Power Error	Hopping Mode AFH Mode	Low/Middle/High	GFSK, $\pi/4$ -DQPSK, 8DPSK, GFSK(BLE)	1/2/3; 1/2(BLE)	Pass
5.6	Limitation of Collateral Emission of Receiver	Hopping Mode Low/Middle/High	Low/Middle/High	GFSK, $\pi/4$ -DQPSK, 8DPSK, GFSK(BLE)	1/2/3; 1/2(BLE)	Pass
5.7	Transmission Antenna Gain (EIRP Antenna Power)	N/A	N/A	N/A	N/A	N/A ^{Note2}
5.8	Transmission Radiation Angle Width (3dB Beamwidth)	N/A	N/A	N/A	N/A	N/A ^{Note2}
5.9	Radio Interference Prevention Capability	---	---	---	---	Pass
--	Construction Protection Confirmation	---	---	---	---	Pass

Note 1: The tests were performed according to the method of measurements prescribed in MIC Notice No.88 Appendix No.43.

Note 2: When the EIRP is less than 12.14 dBm/MHz, it is not necessary.

3.1 MEASUREMENT UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Parameters	Uncertainty
Frequency Error / 99% & 90% Bandwidth	$(3.2 \times f \times 10^{-6})$ Hz
Antenna Power	1.82 dB
TX-RX Spurious Emissions	1.84 dB
Transmission Antenna Gain	5.36 dB
Temperature	0.8°C
Humidity	4%
DC / AC Power Source	0.04%
Note: " f " is the nominal signal frequency in Hz.	

4. GENERAL TEST CONFIGURATIONS

4.1 Test Environment Conditions

During the measurement, the normal environment conditions were within the listed ranges:

Relative Humidity (%)	53%	
Atmospheric Pressure (kPa)	86 kPa to 106 kPa	
Temperature	+22.3°C	
Working Voltage of the EUT	NV (Normal Voltage)	3.850V
	LV (Low Voltage)	3.465 V
	HV (High Voltage)	4.235 V

Note: When the input voltage deviation from the external power supply is $\pm 10\%$, and the voltage deviation provided to the radio part of the EUT (excluding the power circuit) is kept within $\pm 1\%$, only the normal voltage is used for testing.

Voltage fluctuation results:

External power supply	Rated operating voltage of EUT	Actual measured voltage of EUT	$\pm 1\%$ voltage operating range
3.465 V	1.800 V	1.797 V	1.782 V~1.818 V
3.850 V	1.800 V	1.802 V	1.782 V~1.818 V
4.235 V	1.800 V	1.805 V	1.782 V~1.818 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Calibration Company	Calibration Address	Calibration By	Cal. Date	Cal. Due	Calibration Method
Spectrum Analyzer	KEYSIGHT	N9020A	MY46471071	GUANGZHOU NEM METROLOGY & TEST TECHNOLOGY CO., LTD.	2/F., Buiding. No.176 Hedong Road, Liwan District, Guangzhou, Guangdong, China	LiWengeng	2025.06.16	2026.06.15	c)
Power Sensor	KEYSIGHT	U2063XA	MY58000247	GUANGZHOU NEM METROLOGY & TEST TECHNOLOGY CO., LTD.	2/F., Buiding. No.176 Hedong Road, Liwan District, Guangzhou, Guangdong, China	LiWengeng	2025.06.16	2026.06.15	c)
Multimeter	Fluke	289	44860089	Ti Testing & Certification Group Co., Ltd. Shenzhen Branch	103, Building B, Ganghongji High tech Intelligent Industrial Park, No. 1008 Songbai Road, Nanshan District, Shenzhen	Huang Guoliang	2025.07.09	2026.07.08	c)
DC Power Supply	ITECH	IT6720	600103010717610007	GUANGZHOU NEM METROLOGY & TEST TECHNOLOGY CO., LTD.	2/F., Buiding. No.176 Hedong Road, Liwan District, Guangzhou, Guangdong, China	LuoJisong	2025.06.17	2026.06.16	c)

Note:

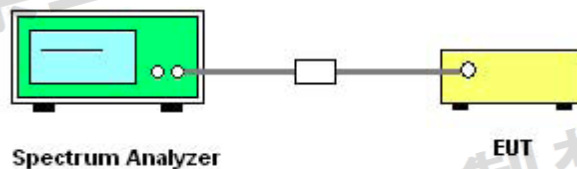
- a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- 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 measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

4.3 Test Software List

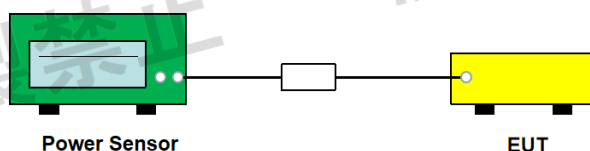
Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.4.1

4.4 Description of Test Setup

4.4.1 For Antenna Port Test

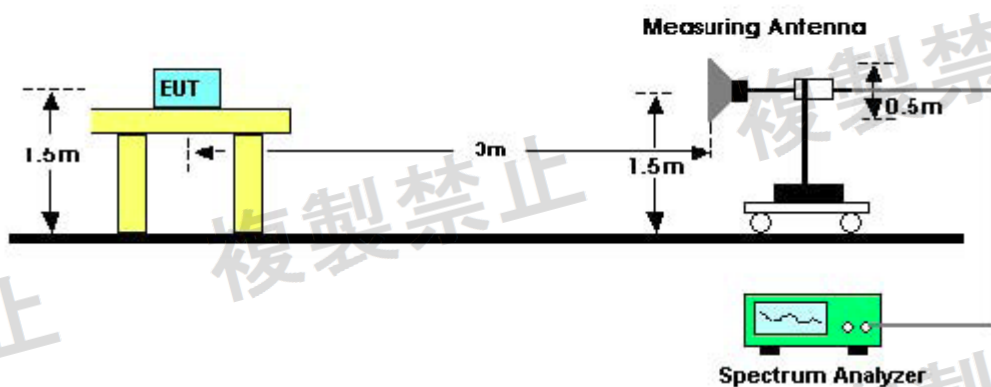


(Diagram 1)

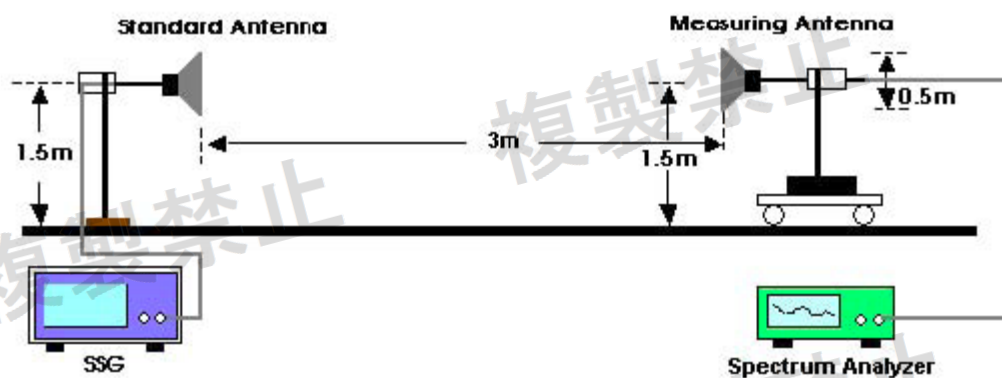


(Diagram 2)

4.4.2 For EIRP Antenna Power Test

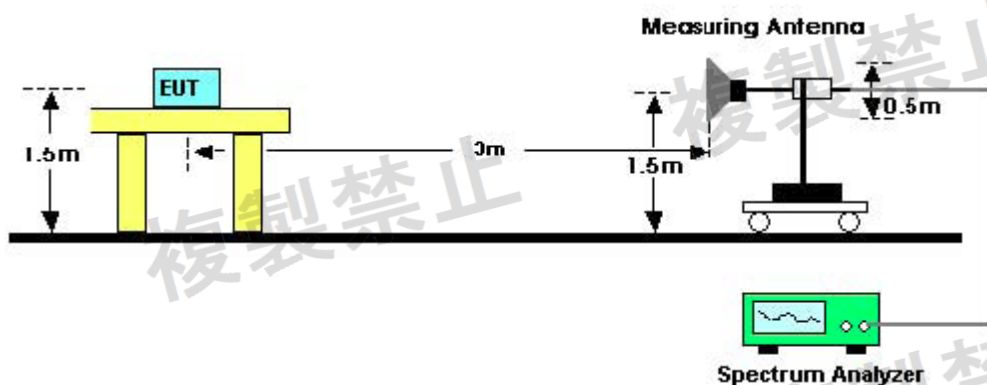


(Diagram 3)



(Diagram 4)

4.4.3 For 3dB Beamwidth Test



(Diagram 5)

5. TEST ITEMS

5.1 Frequency Error Measurement

5.1.1 Limit

Item	Limits
Frequency Tolerance	$\leq \pm 50$ ppm

5.1.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

- 1 Frequency accuracy of SA shall be less than 10% of limits tolerance (5 ppm)
- 2 Setting of SA is following as: RB:1 kHz / VB:3 kHz / SPAN: 100 kHz
- 3 Center Frequency: The center frequency of testing for EUT
- 4 Sweep time: Auto
- 5 Sweep mode: Continuous sweep
- 6 Detect mode: Positive peak
- 7 Mark function: Frequency Counter (Resolution 100 Hz)
- 8 EUT have transmitted absence of modulation signal and fixed channelize. f is using the mark cursor to mark the peak frequency value, fc is declaring of channel frequency. Then the frequency error formula is $(f_c - f) / f_c \times 10^6$ ppm and the limit is less than ± 50 ppm

5.1.4 Test Deviation

There is no deviation with the original standard.

5.1.5 EUT Operation during Test

The EUT was placed on the test table and programmed in un-modulation function.

5.1.6 Test Result

Please refer to ANNEX A.1.

5.2 Occupied Bandwidth and Spread-spectrum Bandwidth

5.2.1 Limit

Item	Limits
Occupied Band Width	FHSS $\leq$ 83.5MHz; OFDM $\leq$ 40MHz; DSSS $\leq$ 26MHz; Others $\leq$ 26MHz

5.2.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

- Set the spectrum analyzer as follows:
 - Center frequency: Test frequency
 - Span: Approximately 2 to 3.5 times nominal bandwidth
 - Resolution bandwidth: Approximately 3% or less nominal bandwidth
 - Video bandwidth: equivalent to resolution bandwidth
 - Sweep time: auto
 - Sweep mode: Continuous sweep
 - Detection: Positive peak
 - Trace mode: Maximum hold
- After repeating sweeps until the display shows steady data, store the values at all data points into the computer array variables.
- Convert the dB values at all data points to antilogarithm on the power dimension.
- Obtain sum total of the power at all data points, and store it as "total power".
- Accumulate the power at each data point sequentially upward from the lowest frequency and obtain the limit data point where the accumulated power becomes 0.5% (5% for spreading bandwidth) of the "total power". Then convert the limit data point into frequency and store it as "lower limit frequency"
- Accumulate the power at each data point sequentially downward from the highest frequency and obtain the limit data point where the accumulated power becomes 0.5% (5% for spreading bandwidth) of the "total power". Then convert the limit data point into frequency and store it as "upper limit frequency".

5.2.4 Test Deviation

There is no deviation with the original standard.

5.2.5 EUT Operation during Test

The EUT was programmed to be in continuous transmit, channel-hopping mode.

5.2.6 Test Result

Please refer to ANNEX A.2.

5.3 The frequency retention time

5.3.1 Limit

Item	Limits
retention time	For the radio equipment that uses the frequency hopping method excluding a combination of the spread spectrum method and OFDM, the total sum of the frequency retention time in any frequency within the time obtained by multiplying the diffusion rate by 0.4 second shall be 0.4 second or shorter

5.3.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.3.3 Measuring Instruments and setting

Spectrum analyzer setting up is as follows.

Center frequency Hopping test frequency

Sweep bandwidth 0 Hz

Resolvable bandwidth 1 MHz

Video bandwidth equivalent to resolvable bandwidth

Y-axis scale 10 dB/Div.

Sweep time hopping cycle

Sweep mode Single sweep

Trigger condition Video trigger

Detection mode Positive peak

5.3.4 Test procedure

- (1) Set the spectrum analyzer according to the above 2 and wait the hopping signal with the hopping frequency.
- (2) Read the maximum level of the residence time of the hopping frequency at hopping cycle using marker etc. from the trace on the display and confirm that it is shorter than 0.4sec.
- (3) By means of the method same to the above (2), read the sum of the residence time of the hopping frequency at hopping cycle.
- (4) Calculate the total of frequency residence time of the hopping frequency as follows.
 1. Total = (0.4s x diffusion rate / hopping cycle) x sum of the residence time of (3)
 2. There, "diffusion rate" is a value of the diffusion bandwidth divided by a frequency equal to transmitting velocity of modulation signal.

5.3.5 Test Result

Please refer to ANNEX A.3.

5.4 Unwanted Emission Intensity Measurement

5.4.1 Limit

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

5.4.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

- 1 The EUT is placed in transmit mode at maximum power/modulation at a fixed channel.
- 2 Setting of SA is following as: RBW/VBW = 1MHz; / AT: 10dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
- 3 Setting of SA is following as 30 MHz and stop frequency 2387 MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW
- 4 SA adjusted to start frequency 2387 MHz and stop frequency 2400 MHz. Then to mark peak reading value + cable loss shall be less than 25 μW .
- 5 SA adjusted to start frequency 2483.5 MHz and stop frequency 2496.5 MHz Then to mark peak reading value + cable loss shall be less than 25 μW
- 6 SA adjusted to start frequency 2496.5 MHz and stop frequency 12500 MHz Then to mark peak reading value + cable loss shall be less than 2.5 μW
- 7 Measure side band spurious as follows: For 2.4 GHz band: 2374 MHz~2400 MHz and 2483.5 MHz~2509.5 MHz RBW = VBW = 30 kHz, Result_Value = Measured_Value + 15.2 [dBm]
- 8 If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as Result_Value.

5.4.4 Test Deviation

There is no deviation with the original standard.

5.4.5 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.4.6 Test Result

Please refer to ANNEX A.4.

5.5 Antenna Power Error Measurement

5.5.1 Limit

Item	Limits
Antenna Power Density	a) FH,FH+DS, or FH+OFDM form 2427 - 2470.75 MHz: ≤ 3 mW/MHz b) DS but other than a) from 2400~2483.5 MHz: ≤ 10 mW/MHz c) OFDM, but other than a): For OCB of 26MHz or less: ≤ 10 mW/MHz For OCB of over 26 MHz to 40 MHz: ≤ 5 mw/MHz d) Other than a), b) and c): ≤ 10 mW
Antenna Power Error	+20% (Base on manufacturer declare antenna power density)

5.5.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

- Setting of SA is following as: RB:1 MHz / VB: 3 MHz / SPAN: About twice the occupied frequency bandwidth / AT: 10 dB Ref: 10 dBm / Sweep time: Minimum time for guaranteed measurement accuracy/Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold/Trigger condition: Free run.
- Setting of SA is following as: RB:1 MHz / VB: 1 MHz / SPAN: 0 Hz/ AT: 10 dB Ref: 10 dBm / Sweep Mode: Continuous sweep
- Those using frequency hopping method (including DSSS or composite method with OFDM):
 - Confirming in the submitted document that the frequency hopping intervals in the frequency distribution of frequency hopping are equal intervals of 1 MHz or less, and that the probability of occurrence at each hopping frequency is uniform, and that the probability of occurrence at each hopping frequency is uniform. If it is, it is implemented by the following method.
 - Connect a high frequency power meter to the output of the dummy load (attenuator) and measure the total power.
 - Divide the total power by the spreading bandwidth to calculate the average power per 1 MHz.
 - Antenna power shall be as follows:
 - Value of b for continuous wave
 - For burst wave Average power in burst is calculated from the value of b and the transmission time rate.
 - If the frequency distribution of frequency hopping or the probability of occurrence at each hopping frequency is not uniform, set the spectrum analyzer as in 1 to search for the frequency that gives the maximum antenna power, and then perform spectrum analysis. Set the device as in 2, and measure the antenna power at the frequency that gives the maximum power.

4 In the case of those using OFDM or DSSS

- (1) Set the spectrum analyzer as in according to the above 1
- (2) After repeating the sweep until no change is observed in the display, measure the frequency at which the power per 1 MHz gives the maximum value.
- (3) Set the spectrum analyzer as in according to the above 2
- (4) Connect the high frequency power meter to the IF output terminal of the spectrum analyzer.
- (5) Antenna power shall be as follows:
 - a. For continuous wave
 - b. Burst wave Calculated average power in a burst from values corrected in the same way as for continuous waves and the transmission time rate

(6) In the case of using the orthogonal frequency division multiplexing system, when there are multiple subcarrier modulation systems, measure the antenna power at each time and take the largest value as the measured value.

5 In the case of items using other methods

- (1) Connect a high-frequency power meter to the output of the dummy load (attenuator) and measure the total power.
- (2) Antenna power shall be as follows:
 - a. Value of a for continuous wave
 - b. Burst wave The average power in the burst is calculated from the value of (a) and the transmission time rate.

6 Antenna Power Error is definition that actual measure antenna power tolerance that base on manufacturer declare the conducted power density.

5.5.4 Test Deviation

There is no deviation with the original standard.

5.5.5 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.5.6 Test Result

Please refer to ANNEX A.5.

5.6 Limitation of Collateral Emission of Receiver Measurement

5.6.1 Limit

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

5.6.2 Test Setup

See section 4.4.1 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

- 1 The EUT is placed in Rx mode and set to a fixed channel.
- 2 Setting of SA is following as RB / VB: 100 kHz (below 1GHz emissions) / 1 MHz (above 1GHz emissions) / AT:10 dB / Ref: 0dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
- 3 SA set RB: 100 kHz and VB: 100 kHz. Then adjust to start frequency 30 MHz and stop frequency 1000 MHz. Search to mark peak reading value + cable loss shall be less than 4 nW
- 4 SA set RB: 1 MHz and VB: 1 MHz. Then adjust to start frequency 1000 MHz and stop frequency 12500 MHz. Search to mark peak reading value + cable loss shall be less than 20 nW
- 5 If power level of lower emissions are more than 1/10 of limit (0.4nW for $f < 1\text{GHz}$, 2nW for $f \geq 1\text{GHz}$), all those are to be indicated in the 2nd and 3rd lines. If others are 1/10 or less more of the limit, no necessary to be indicated

5.6.4 Test Deviation

There is no deviation with the original standard.

5.6.5 EUT Operation during Test

The EUT was programmed to be in continuously receiving mode.

5.6.6 Test Result

Please refer to ANNEX A.6.

5.7 Transmission Antenna Gain (EIRP Antenna Power) Measurement

5.7.1 Limit

Item	Non-directional antennal limits	Directional antennal limits
EIRP Power Density	a) FH,FH+DS, or FH+OFDM form 2427 - 2470.75 MHz: ≤ 6.91 dBm/MHz b) DS but other than a) from 2400~2483.5 MHz: ≤ 12.14 dBm/MHz c) OFDM, but other than a): For OCB of 26MHz or less: $\leq$ 12.14 dBm/MHz For OCB of over 26 MHz to 40 MHz: ≤ 9.14 dBm/MHz d) Other than a), b) and c): $\leq$ 12.14 dBm	a) FH,FH+DS, or FH+OFDM form 2427 - 2470.75 MHz: ≤ 16.91 dBm/MHz b) DS but other than a) from 2400~2483.5 MHz: ≤ 22.14 dBm/MHz z c) OFDM, but other than a): For OCB of 26MHz or less: $\leq$ 22.14 dBm/MHz For OCB of over 26 MHz to 40 MHz: ≤ 19.14 dBm/MHz d) Other than a), b) and c): $\leq$ 22.14 dBm
Note: This test item is not applied to EUT with EIRP Antenna power lower than 12.14 dBm/MHz.		

5.7.2 Test Setup

See section 4.4.3 for test setup description for the antenna port.

5.7.3 Test Procedure

- 1 Set EUT ad measuring antenna at the same height and roughly facing each other.
- 2 Set spectrum analyzer with RBW=1MHz, VBW=1MHz, Detector=Peak, Trace mode=Max Hold, and tune reference level to observe receiving signal position.
- 3 Move the measuring antenna height up and down within ± 50 cm of EUT height and swing it to find the maximum output of the measuring antenna. The output level at the spectrum analyzer is read sa "E".
- 4 Remove the EUT from the turn table and put the replacing antenna facing to measuring antenna at same height. Set the standard signal generator (SSG) at same frequency and transmit on then receive the signal
- 5 Swing the replacing antenna give a maximum receiving level.
- 6 Move the measuring antenna height up and down within ± 50 cm of replacing antenna height and swing it to find the maximum receiving level.
- 7 Set SSG output power at Pt to give the equivalent output level of "E" or caluate Pt with SSG output which gives the nearest of "E" and difference (± 1 dB). Record the Pt.
- 8 Calculate EIRP by the formula below $EIRP = G_t - L + P_t$.

Gt: gain of replacing antenna (dBi)

L: feeder loss between SSG and replacing antenna

Pt: Output power of the SSG

- 9 If the antenna for the EUT has circular polarization, sum of V-field and H-field will be result if measuring antenna is linear polarization.

5.7.4 Test Deviation

There is no deviation with the original standard.

5.7.5 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.7.6 Test Result

Please refer to ANNEX A.7.

5.8 Transmission Radiation Angle Width (3dB Beamwidth) Measurement

5.8.1 Limit

Item	Limits
3dB antenna beam width	$360/A$ (If $A < 1$; then $A = 1$) $A = \{\text{EIRP Power [mW]} / 16.36 \text{ for DS, OFDM}\}$ or $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$
Note: This test item is not applied to EUT with EIRP Antenna power lower than 12.14 dBm/MHz.	

5.8.2 Test Setup

See section 4.4.3 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.8.3 Test Procedure

- 1 Set EUT and measuring antenna at the same height and roughly facing each other.
- 2 Set spectrum analyzer with RBW=1 MHz, VBW=1 KHz, Y scale=5 dB, Detector=Peak, Trace mode=Max Hold, and tune reference level to observe receiving signal position.
- 3 Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
- 4 Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of measuring antenna. The output level at the spectrum analyzer is read as "E"
- 5 Calculate permitted radiation angle in horizontal and vertical using EIRP measured in another test method.
- 6 Calculate 3dB antenna beam width by the formula below $360/A$ (If $A < 1$; then $A = 1$). $A = \{\text{EIRP Power [mW]} / 16.36 \text{ for DS, OFDM}\}$ or $A = \{\text{EIRP Power [mW]} / 4.9 \text{ for FH}\}$

5.8.4 Test Deviation

There is no deviation with the original standard.

5.8.5 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.8.6 Test Result

Please refer to ANNEX A.8.

5.9 Radio Interference Prevention Capability Measurement

5.9.1 Limit

Item	Limits
Identification	≥ 48 bits

5.9.2 Test Setup

The photo of test setup please refer to ANNEX B.



5.9.3 Test Procedure

- 1 In the case that the EUT has the function of automatically transmitting the identification code: a. Transmit the predetermined identification codes form EUT. b. Check the transmitted identification codes with the demodulator.
- 2 In the case of receiving the identification code: a. Transmit the predetermined identification codes form the counterpart. b. Check if communication is normal. c. Transmit the signals other than predetermined ID codes form the counterpart. d. check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones.

5.9.4 Test Deviation

There is no deviation with the original standard.

5.9.5 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.9.6 Test Result

Please refer to ANNEX A.9.

ANNEX A TEST RESULT

A.1 Frequency Error

Left Ear

Test Data for Bluetooth (Classic)

Test Mode	Test Voltage	Frequency (MHz)	Test Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Refer to Plot	Verdict
Unmodulated	NV	2402	2401.998970	-0.43	± 50	A.1.1	Pass
		2441	2441.000030	0.01	± 50	A.1.2	Pass
		2480	2480.000010	0.00	± 50	A.1.3	Pass

Test Data for GSKF (BLE 1Mbps)

Test Mode	Test Voltage	Frequency (MHz)	Test Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Refer to Plot	Verdict
Unmodulated	NV	2402	2402.002871	1.20	± 50	A.1.4	Pass
		2440	2440.003051	1.25	± 50	A.1.5	Pass
		2480	2480.003211	1.29	± 50	A.1.6	Pass

Test Data for GSKF (BLE 2Mbps)

Test Mode	Test Voltage	Frequency (MHz)	Test Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Refer to Plot	Verdict
Unmodulated	NV	2404	2404.003191	1.33	± 50	A.1.7	Pass
		2440	2440.002871	1.18	± 50	A.1.8	Pass
		2478	2478.002911	1.17	± 50	A.1.9	Pass

Right Ear

Test Data for Bluetooth (Classic)

Test Mode	Test Voltage	Frequency (MHz)	Test Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Refer to Plot	Verdict
Unmodulated	NV	2402	2402.001890	0.79	± 50	A.1.10	Pass
		2441	2441.003091	1.27	± 50	A.1.11	Pass
		2480	2480.003491	1.41	± 50	A.1.12	Pass

Test Data for GSKF (BLE 1Mbps)

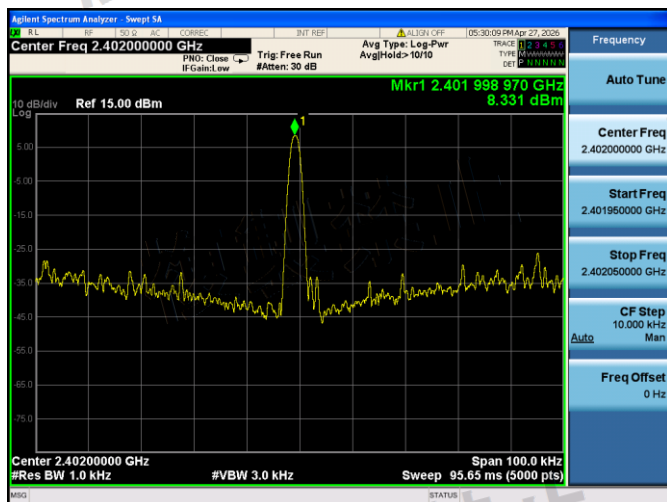
Test Mode	Test Voltage	Frequency (MHz)	Test Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Refer to Plot	Verdict
Unmodulated	NV	2402	2402.001310	0.55	± 50	A.1.13	Pass
		2440	2440.002651	1.09	± 50	A.1.14	Pass
		2480	2480.002951	1.19	± 50	A.1.15	Pass

Test Data for GSKF (BLE 2Mbps)

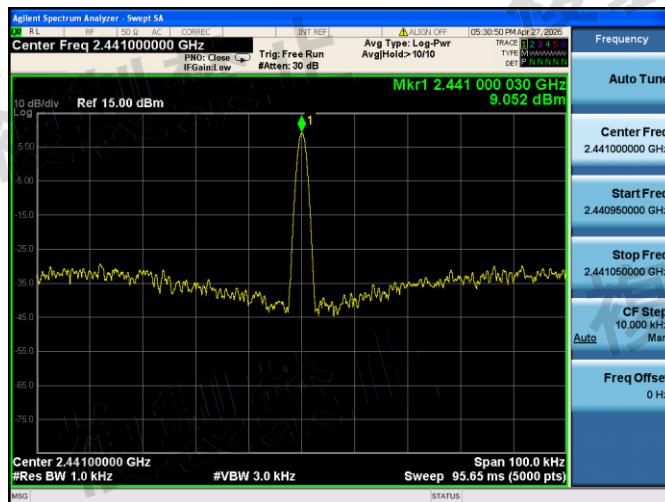
Test Mode	Test Voltage	Frequency (MHz)	Test Frequency (MHz)	Frequency Error (ppm)	Limit (ppm)	Refer to Plot	Verdict
Unmodulated	NV	2404	2404.002771	1.15	± 50	A.1.16	Pass
		2440	2440.002931	1.20	± 50	A.1.17	Pass
		2478	2478.002991	1.21	± 50	A.1.18	Pass

Left EarTest Plots for Bluetooth (Classic)

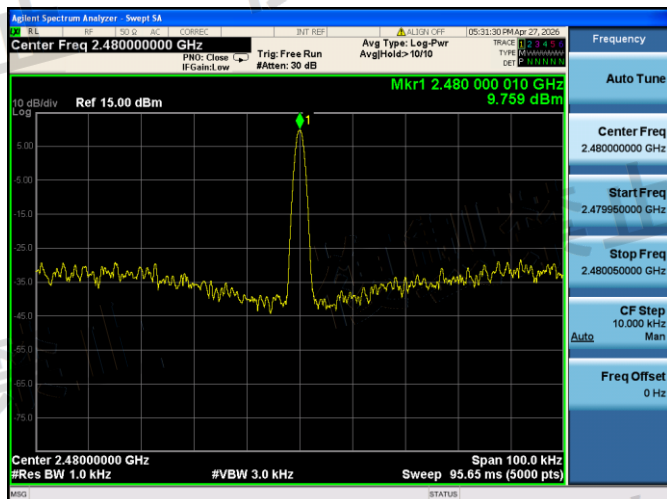
A.1.1 NV 2402 Channel



A.1.2 NV 2441 Channel

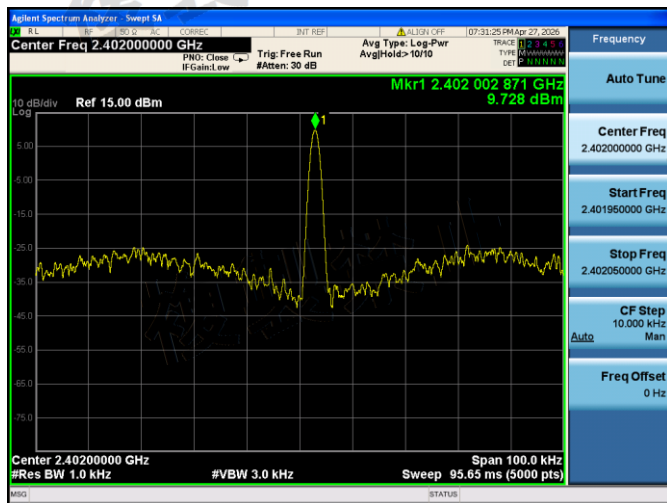


A.1.3 NV 2480 Channel

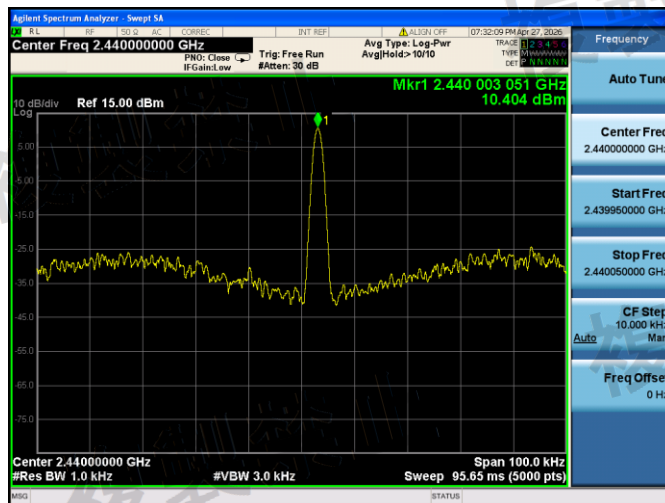


Test Plots for GSKF (BLE 1Mbps)

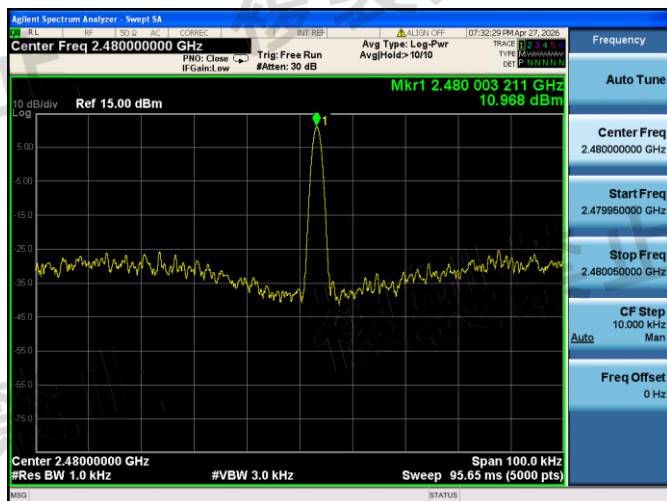
A.1.4 NV 2402 Channel



A.1.5 NV 2440 Channel

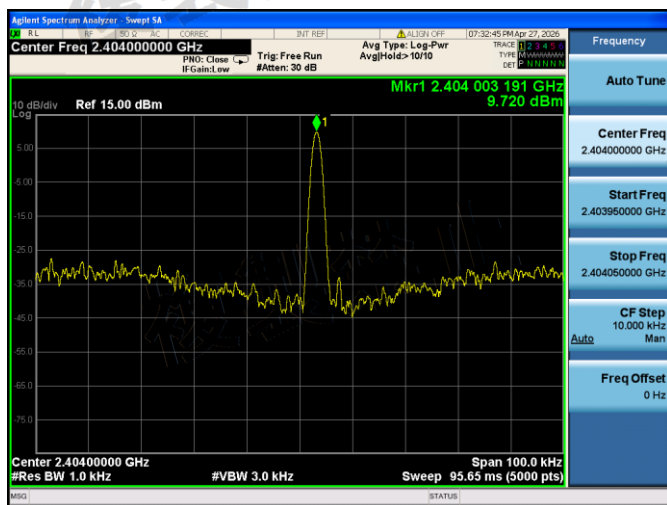


A.1.6 NV 2480 Channel

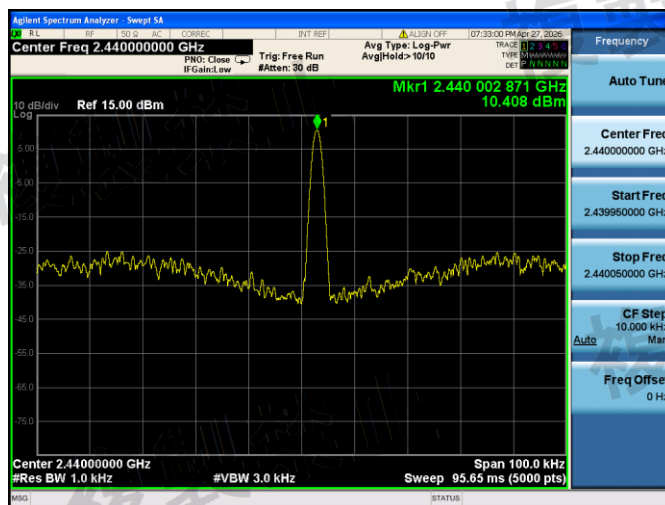


Test Plots for GSKF (BLE 2Mbps)

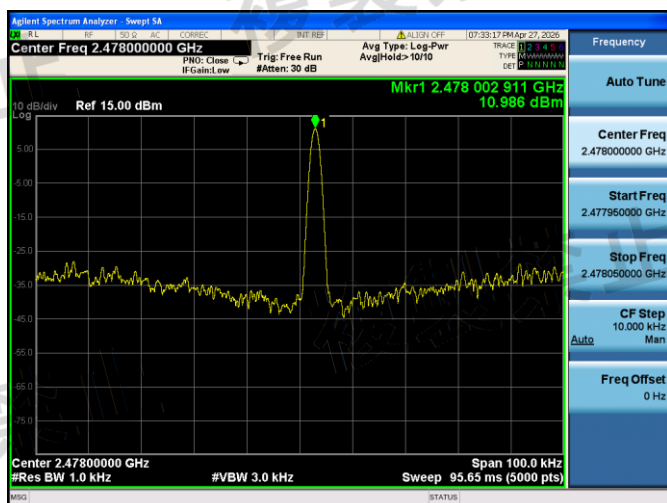
A.1.7 NV 2404 Channel



A.1.8 NV 2440 Channel

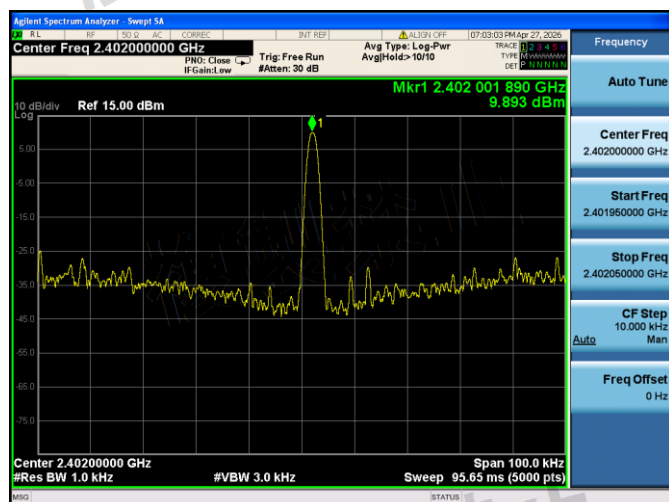


A.1.9 NV 2478 Channel

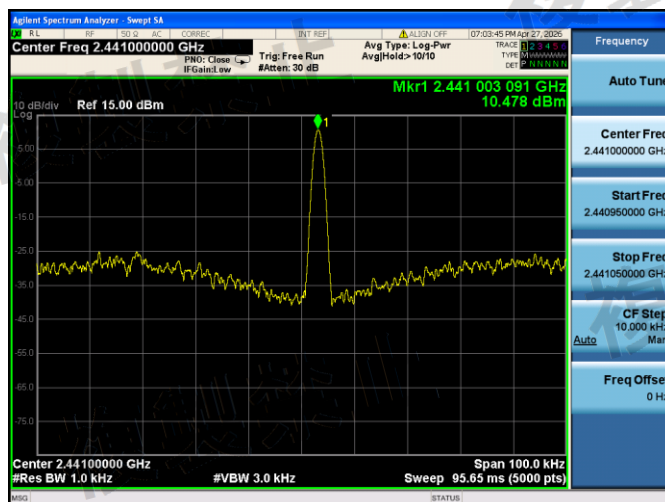


Right EarTest Plots for Bluetooth (Classic)

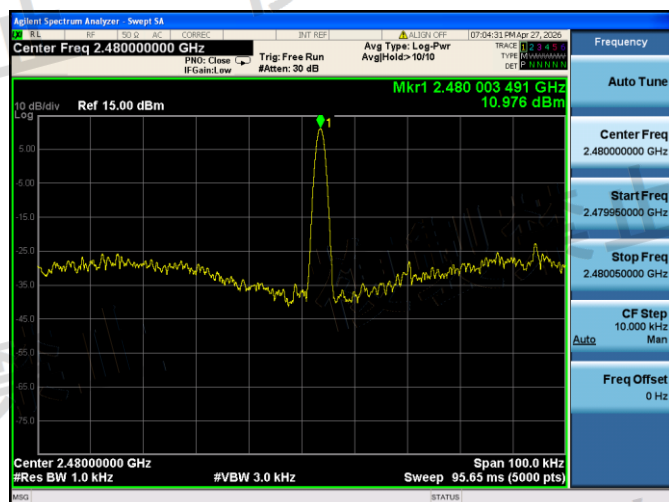
A.1.10 NV 2402 Channel



A.1.11 NV 2441 Channel

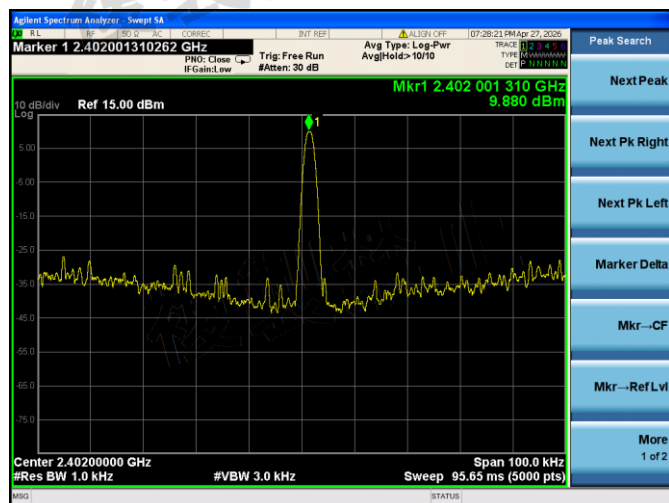


A.1.12 NV 2480 Channel

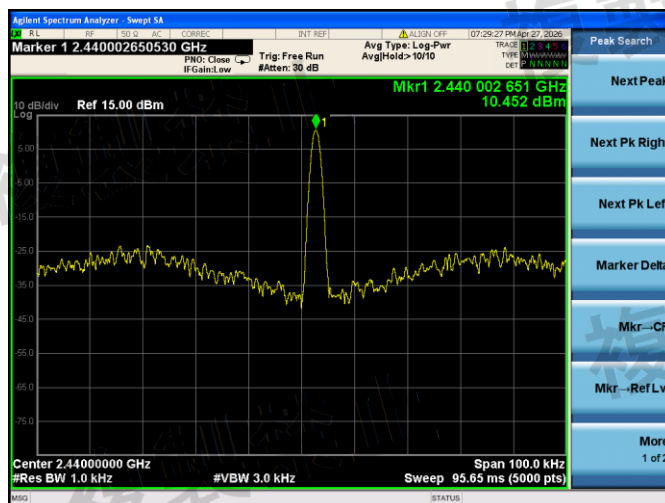


Test Plots for GSKF (BLE 1Mbps)

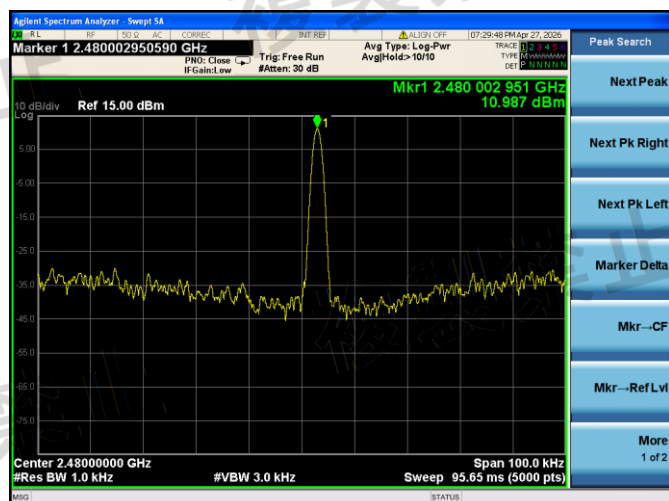
A.1.13 NV 2402 Channel



A.1.14 NV 2440 Channel

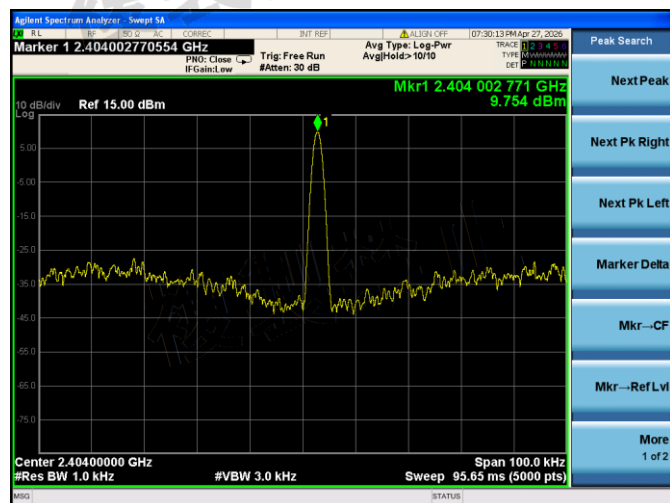


A.1.15 NV 2480 Channel

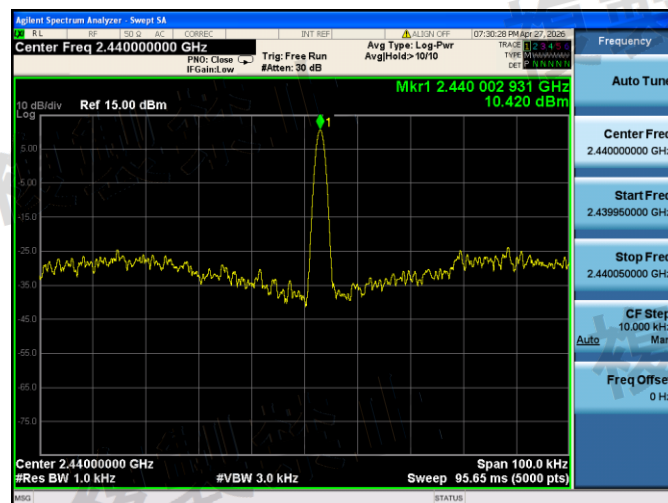


Test Plots for GSKF (BLE 2Mbps)

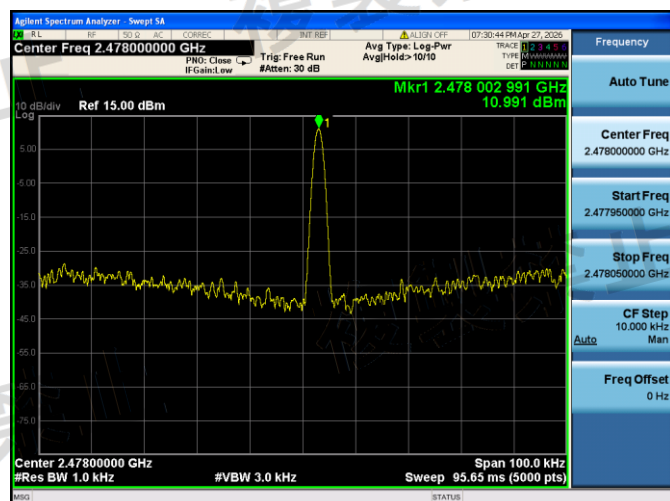
A.1.16 NV 2404 Channel



A.1.17 NV 2440 Channel



A.1.18 NV 2478 Channel



A.2 Occupied Bandwidth and Spread-spectrum Bandwidth

Left Ear

Test Data for Bluetooth (Classic)

Results of Occupied Bandwidth	MODE	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	GFSK	NV	78.82	≤ 83.5	A.2.1	Pass
	$\pi/4$ -DQPSK	NV	78.74	≤ 83.5	A.2.2	Pass
	8-DPSK	NV	78.76	≤ 83.5	A.2.3	Pass
Results of Spread-spectrum Bandwidth	MODE	Test Voltage	Measured 90% Spread-spectrum Bandwidth (MHz)		Refer to Plot	Verdict
	GFSK	NV	71.51		A.2.4	Pass
	$\pi/4$ -DQPSK	NV	71.45		A.2.5	Pass
	8-DPSK	NV	71.50		A.2.6	Pass

Test Data for AFH Mode

Results of Occupied Bandwidth	MODE	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	GFSK	NV	20.67	≤ 83.5	A.2.7	Pass
	$\pi/4$ -DQPSK	NV	20.70	≤ 83.5	A.2.8	Pass
	8-DPSK	NV	20.69	≤ 83.5	A.2.9	Pass
Results of Spread-spectrum Bandwidth	MODE	Test Voltage	Measured 90% Spread-spectrum Bandwidth (MHz)		Refer to Plot	Verdict
	GFSK	NV	18.59		A.2.10	Pass
	$\pi/4$ -DQPSK	NV	18.55		A.2.11	Pass
	8-DPSK	NV	18.61		A.2.12	Pass

Test Data for GSKF (BLE 1Mbps)

Results of Occupied Bandwidth	Channel	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	Low	NV	1.06	≤ 26	A.2.13	Pass
	Middle		1.06	≤ 26	A.2.14	Pass
	High		1.06	≤ 26	A.2.15	Pass

Test Data for GSKF (BLE 2Mbps)

Results of Occupied Bandwidth	Channel	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	Low	NV	2.07	≤ 26	A.2.16	Pass
	Middle		2.03	≤ 26	A.2.17	Pass
	High		2.03	≤ 26	A.2.18	Pass

Right EarTest Data for Bluetooth (Classic)

Results of Occupied Bandwidth	MODE	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	GFSK	NV	78.81	≤ 83.5	A.2.19	Pass
	$\pi/4$ -DQPSK	NV	78.71	≤ 83.5	A.2.20	Pass
	8-DPSK	NV	78.71	≤ 83.5	A.2.21	Pass
Results of Spread-spectrum Bandwidth	MODE	Test Voltage	Measured 90% Spread-spectrum Bandwidth (MHz)		Refer to Plot	Verdict
	GFSK	NV	71.52		A.2.22	Pass
	$\pi/4$ -DQPSK	NV	71.53		A.2.23	Pass
	8-DPSK	NV	71.67		A.2.24	Pass

Test Data for AFH Mode

Results of Occupied Bandwidth	MODE	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	GFSK	NV	20.67	≤ 83.5	A.2.25	Pass
	$\pi/4$ -DQPSK	NV	20.70	≤ 83.5	A.2.26	Pass
	8-DPSK	NV	20.68	≤ 83.5	A.2.27	Pass
Results of Spread-spectrum Bandwidth	MODE	Test Voltage	Measured 90% Spread-spectrum Bandwidth (MHz)		Refer to Plot	Verdict
	GFSK	NV	18.58		A.2.28	Pass
	$\pi/4$ -DQPSK	NV	18.62		A.2.29	Pass
	8-DPSK	NV	18.62		A.2.30	Pass

Test Data for GSKF (BLE 1Mbps)

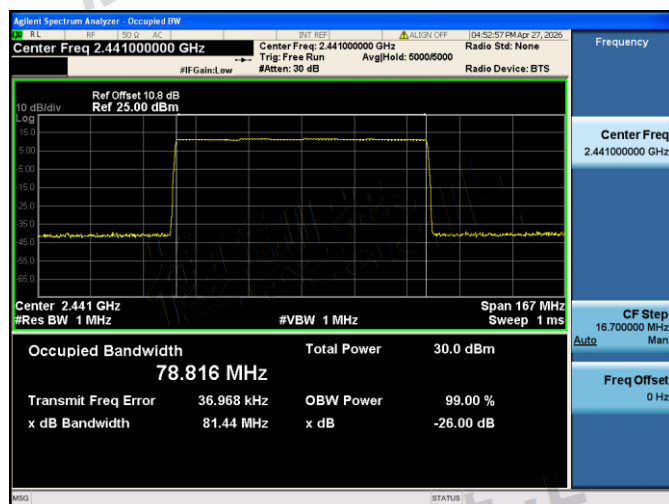
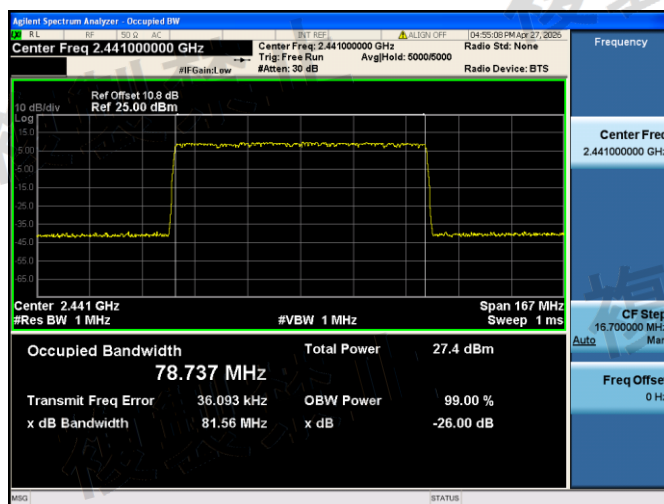
Results of Occupied Bandwidth	Channel	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	Low	NV	1.06	≤ 26	A.2.31	Pass
	Middle		1.06	≤ 26	A.2.32	Pass
	High		1.06	≤ 26	A.2.33	Pass

Test Data for GSKF (BLE 2Mbps)

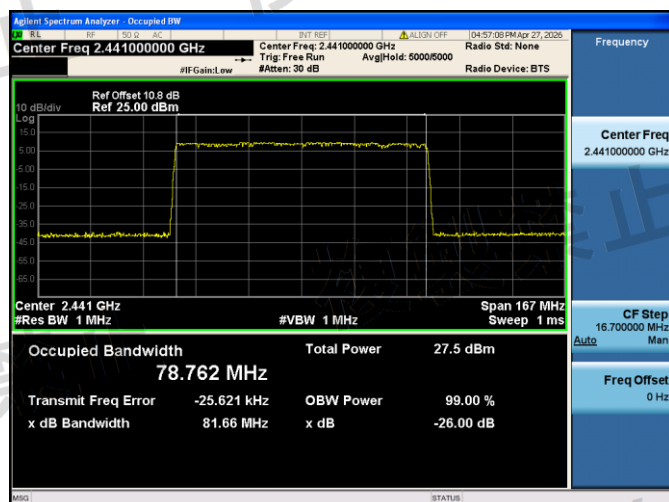
Results of Occupied Bandwidth	Channel	Test Voltage	Measured 99% Occupied Bandwidth (MHz)	Occupied Bandwidth Limit (MHz)	Refer to Plot	Verdict
	Low	NV	2.03	≤ 26	A.2.34	Pass
	Middle		2.04	≤ 26	A.2.35	Pass
	High		2.04	≤ 26	A.2.36	Pass

Left EarTest Plots (Occupied Bandwidth)

A.2.1 GFSK NV

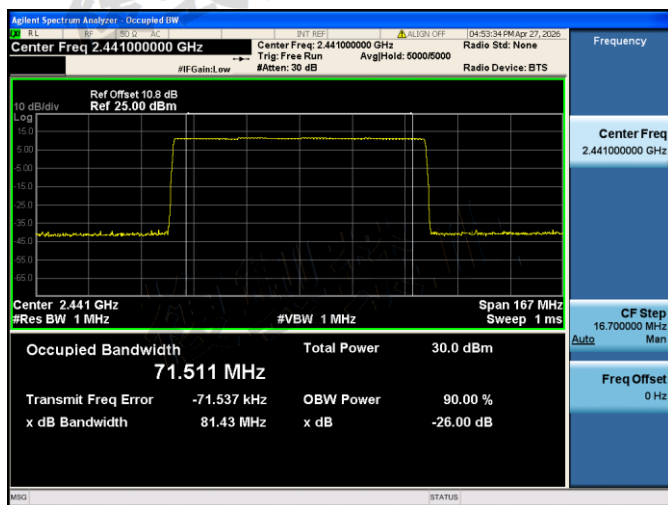
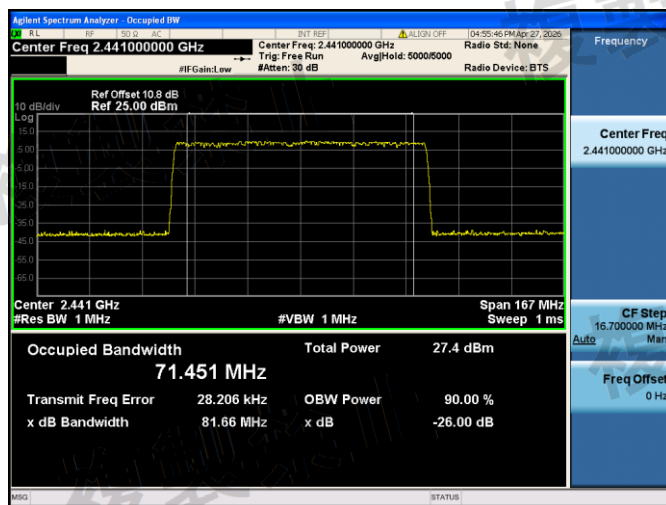
A.2.2 $\pi/4$ -DQPSK NV

A.2.3 8-DPSK NV

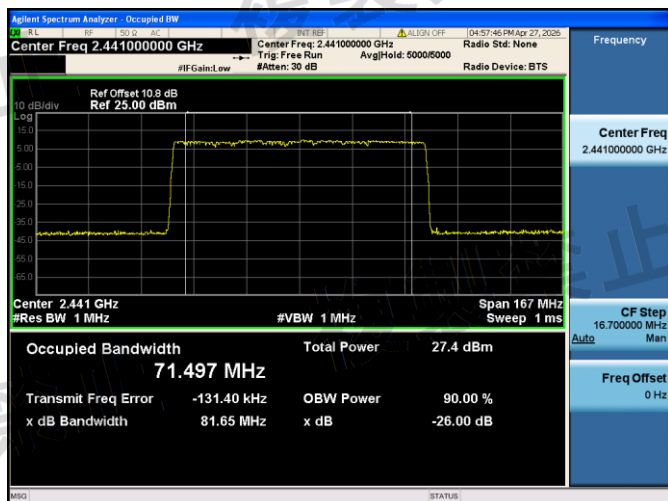


Test Plots (Spread-spectrum Bandwidth)

A.2.4 GFSK NV

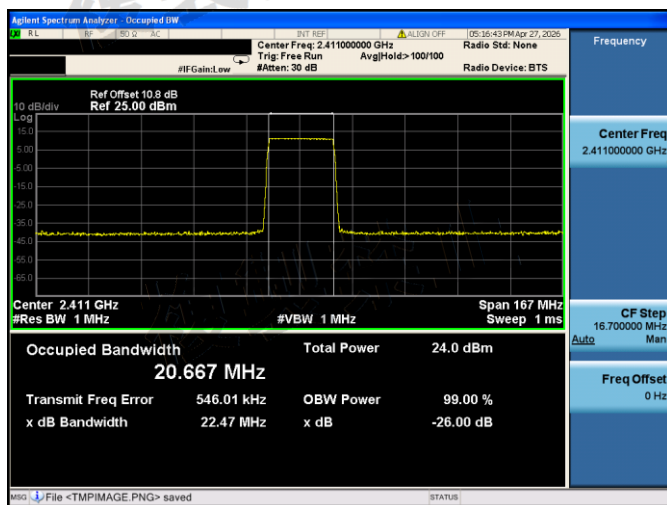
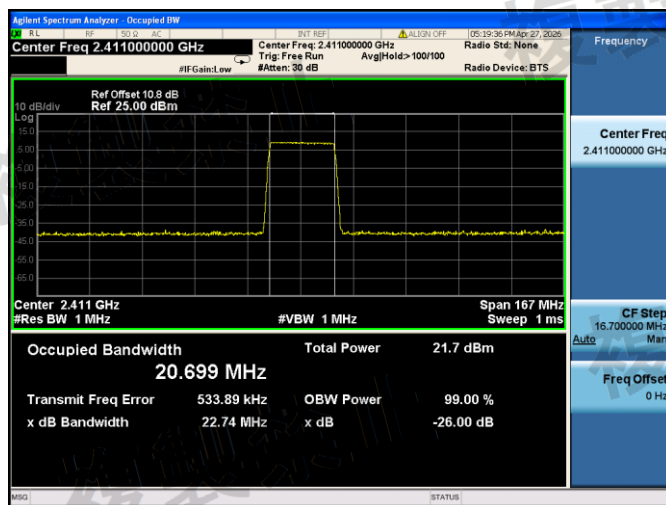
A.2.5 $\pi/4$ -DQPSK NV

A.2.6 8-DPSK NV

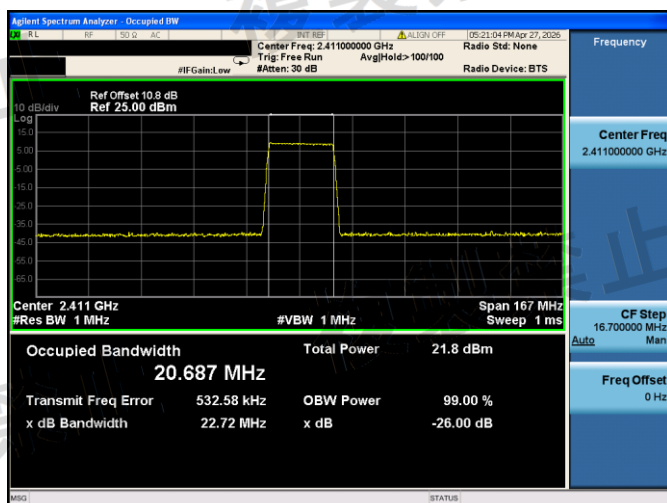


Test Plots (Occupied Bandwidth)-AFH Mode

A.2.7 GFSK NV

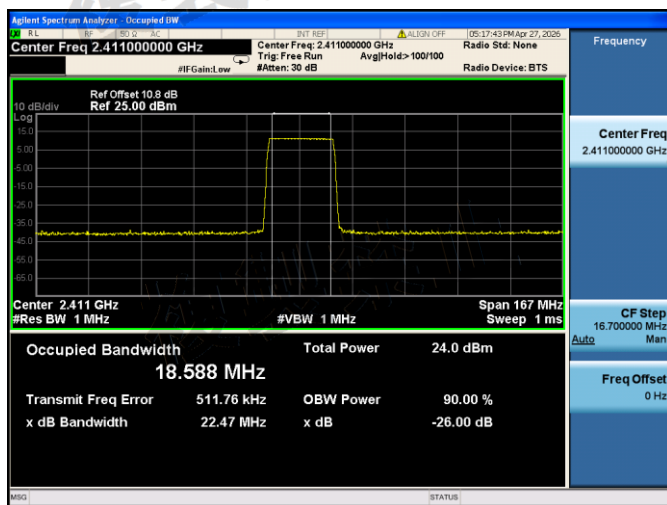
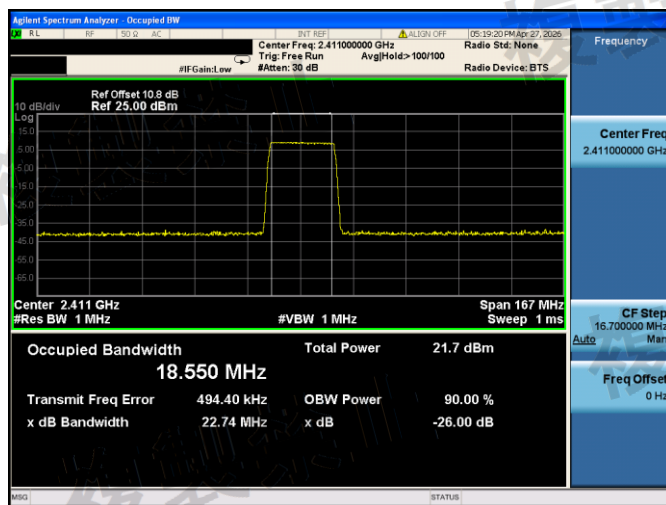
A.2.8 $\pi/4$ -DQPSK NV

A.2.9 8-DPSK NV

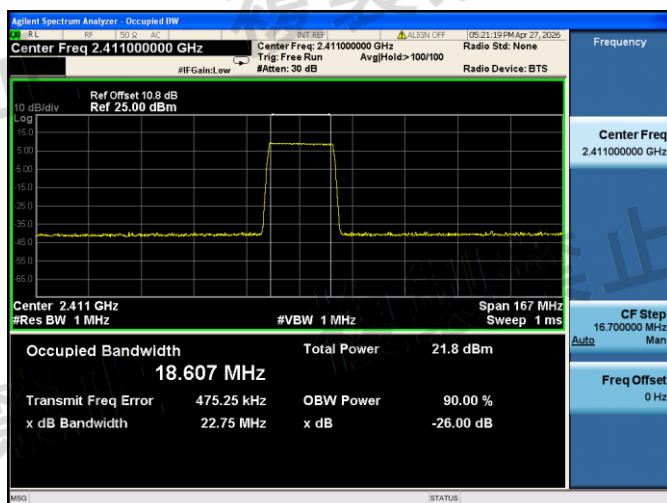


Test Plots (Spread-spectrum Bandwidth)-AFH Mode

A.2.10 GFSK NV

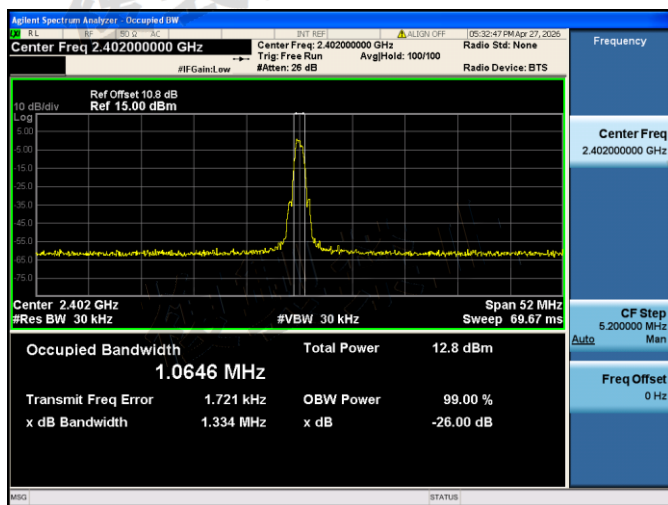
A.2.11 $\pi/4$ -DQPSK NV

A.2.12 8-DPSK NV

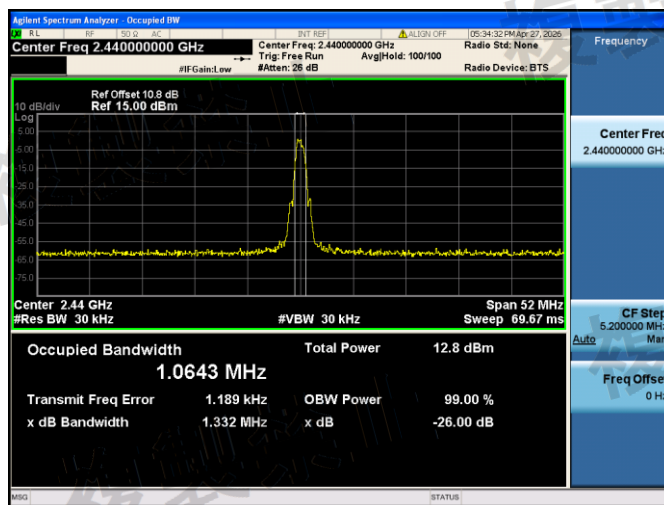


Test Data for GSKF (BLE 1Mbps)

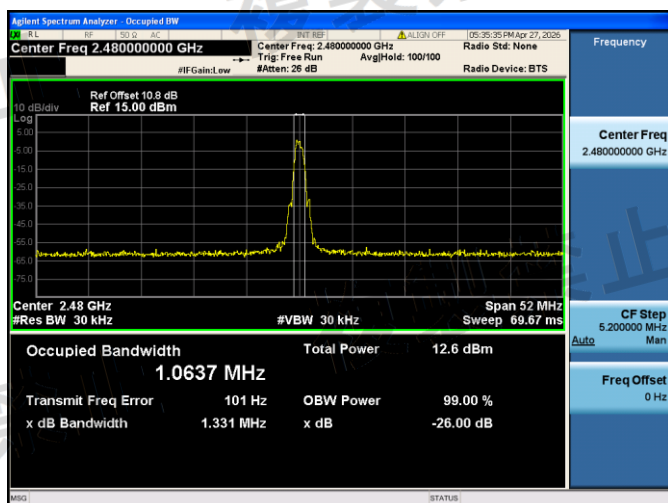
A.2.13 Low Channel NV



A.2.14 Middle Channel NV

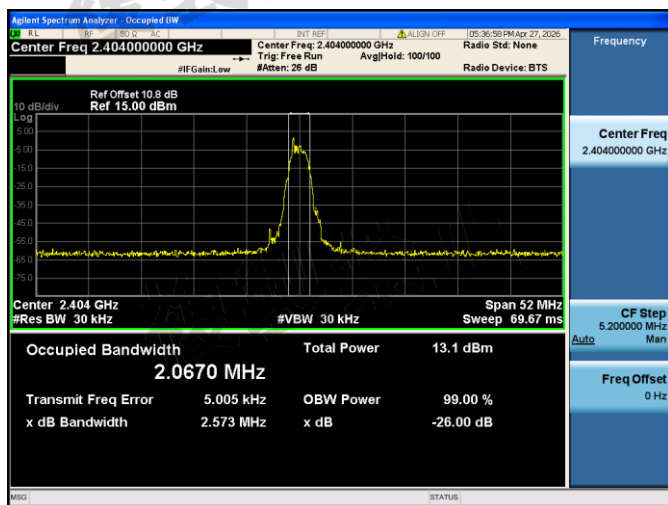


A.2.15 High Channel NV

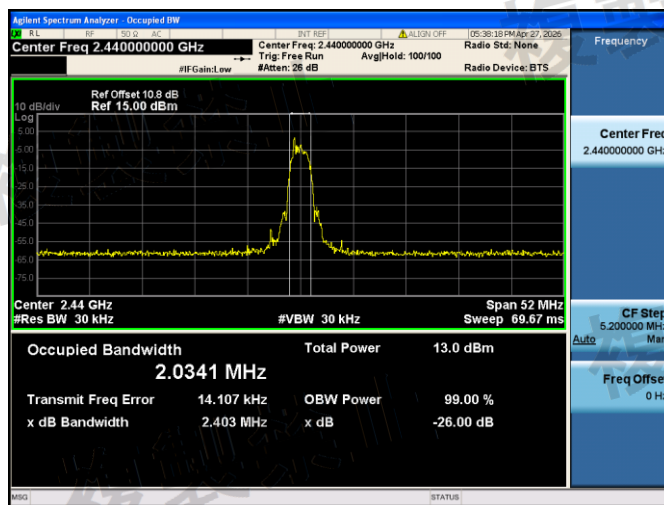


Test Data for GSKF (BLE 2Mbps)

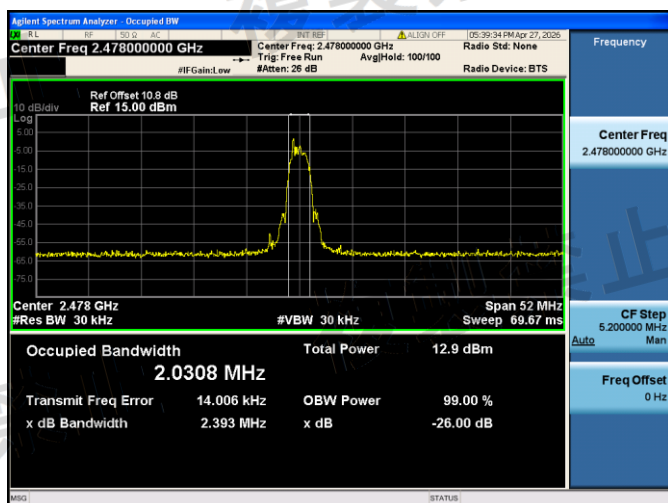
A.2.16 Low Channel NV



A.2.17 Middle Channel NV

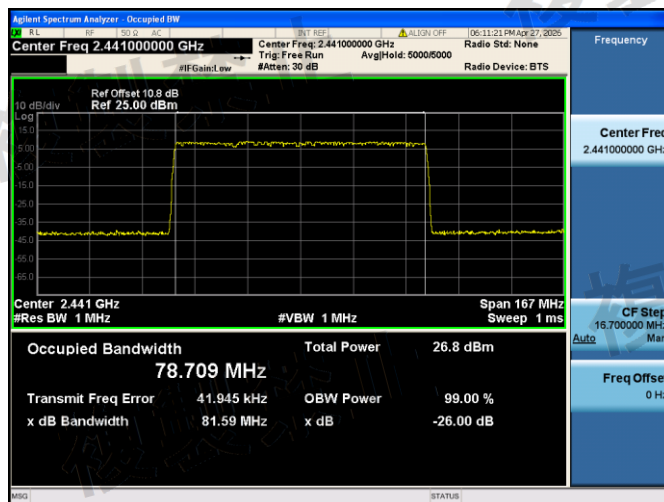
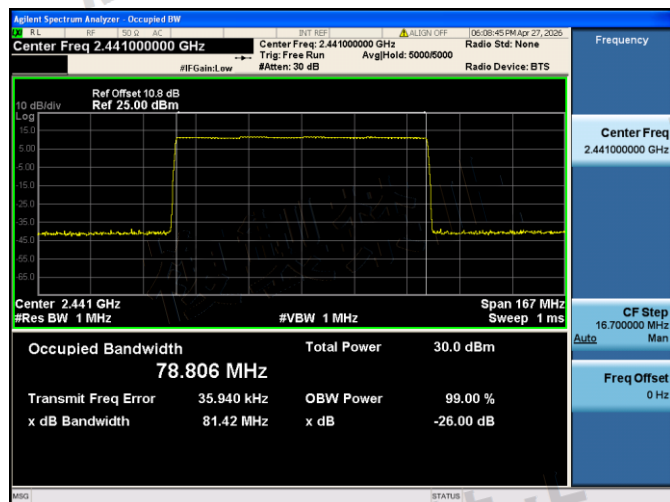


A.2.18 High Channel NV

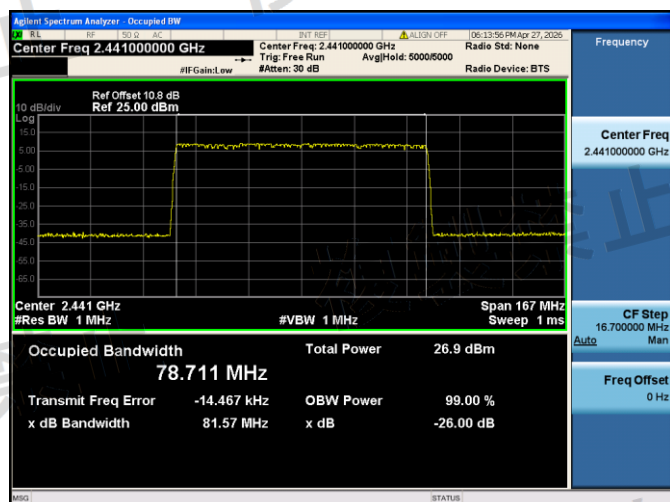


Right EarTest Plots (Occupied Bandwidth)

A.2.19 GFSK NV

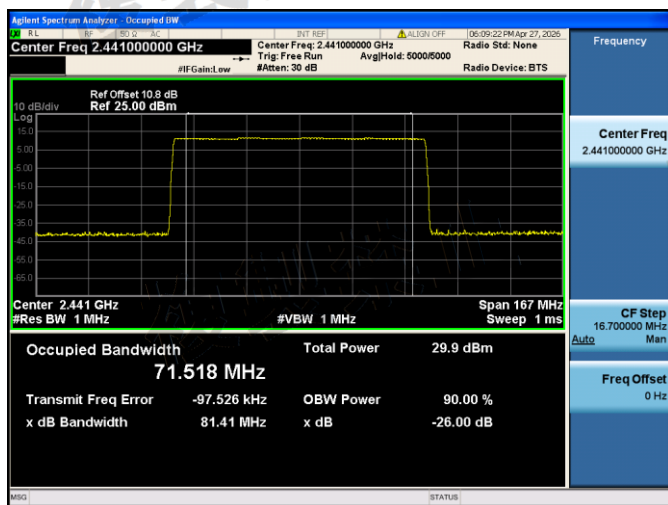
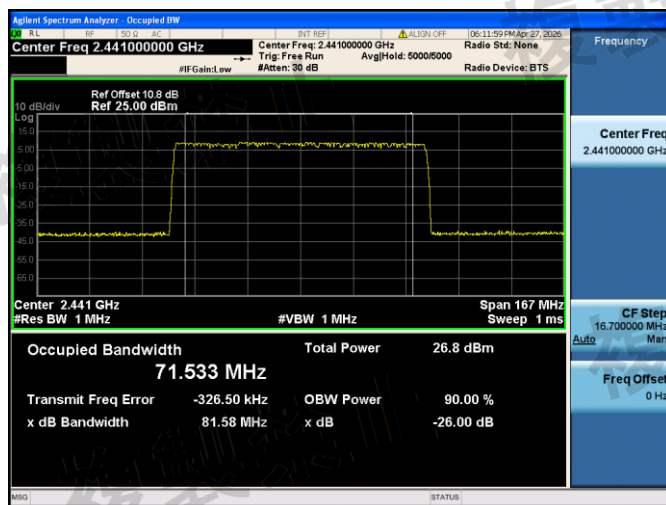
A.2.20 $\pi/4$ -DQPSK NV

A.2.21 8-DPSK NV

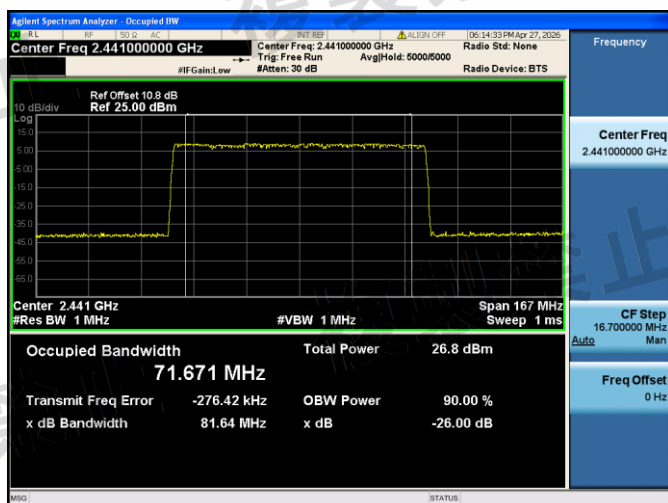


Test Plots (Spread-spectrum Bandwidth)

A.2.22 GFSK NV

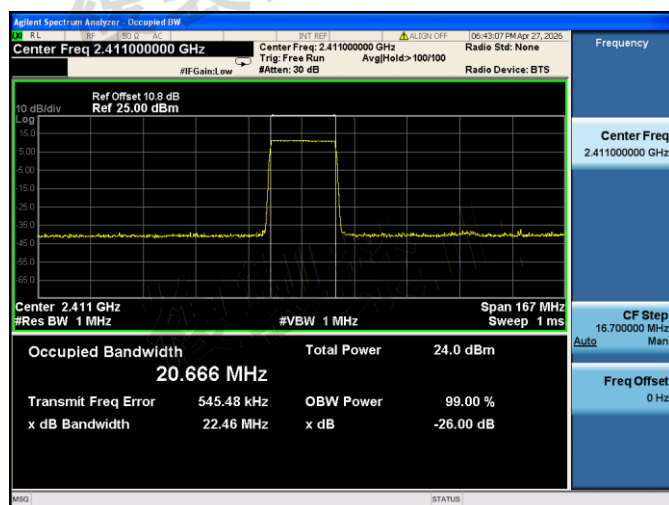
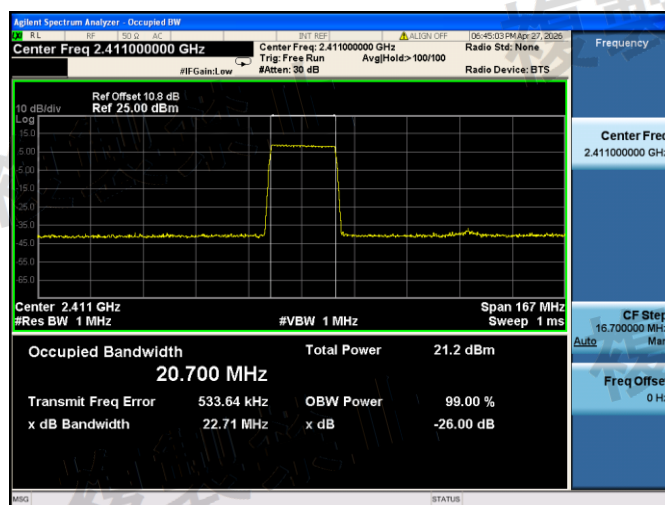
A.2.23 $\pi/4$ -DQPSK NV

A.2.24 8-DPSK NV

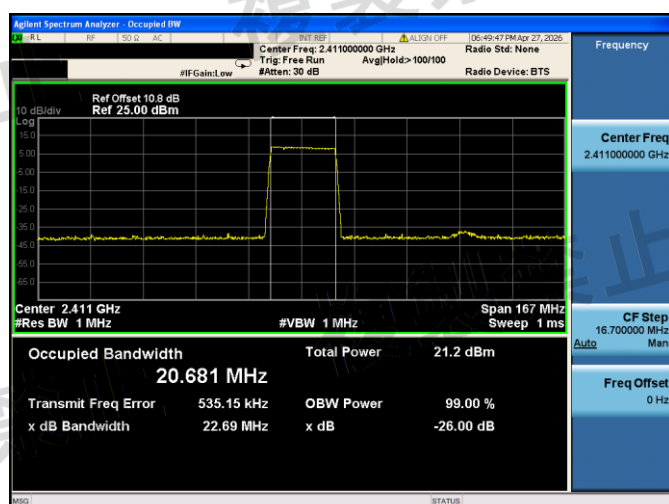


Test Plots (Occupied Bandwidth)-AFH Mode

A.2.25 GFSK NV

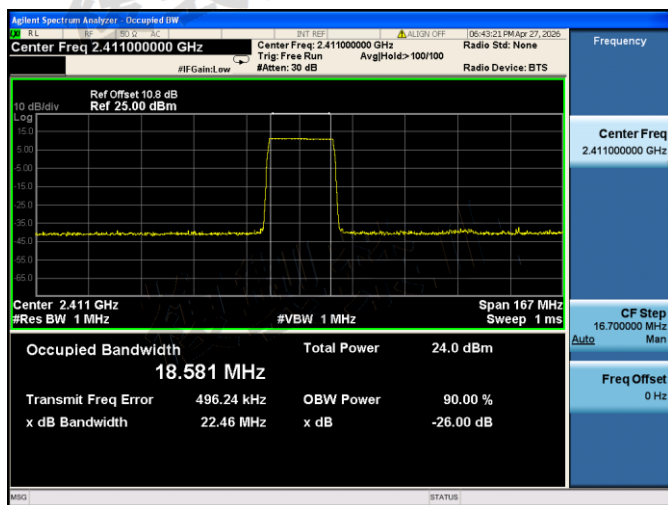
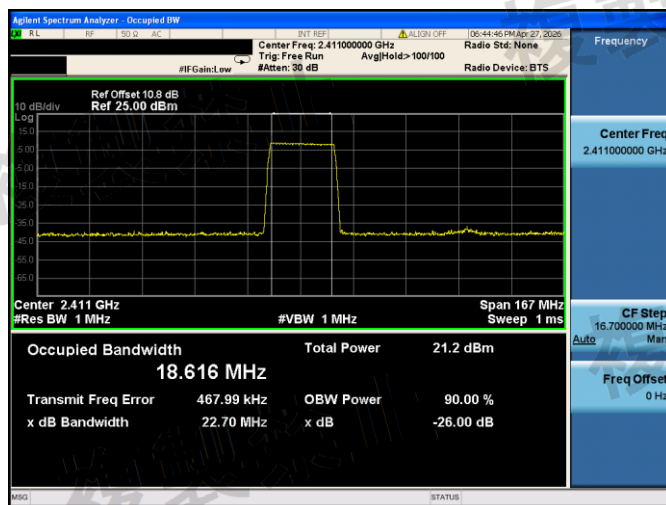
A.2.26 $\pi/4$ -DQPSK NV

A.2.27 8-DPSK NV

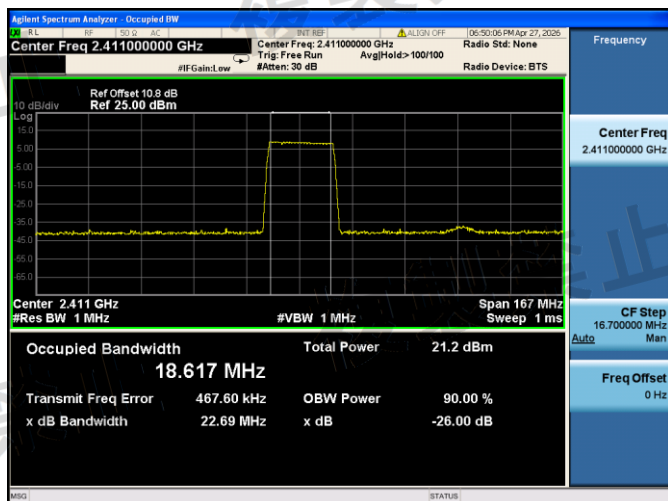


Test Plots (Spread-spectrum Bandwidth)-AFH Mode

A.2.28 GFSK NV

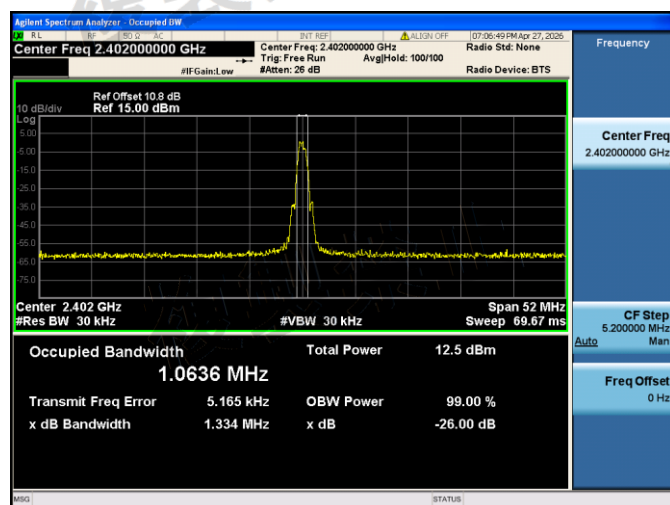
A.2.29 $\pi/4$ -DQPSK NV

A.2.30 8-DPSK NV

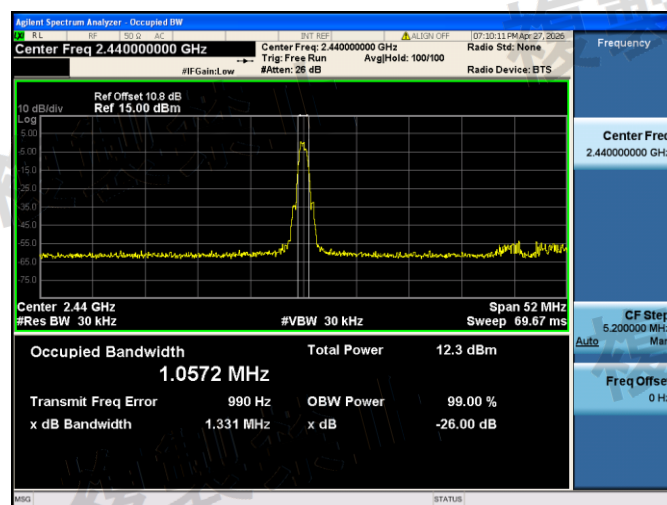


Test Data for GSKF (BLE 1Mbps)

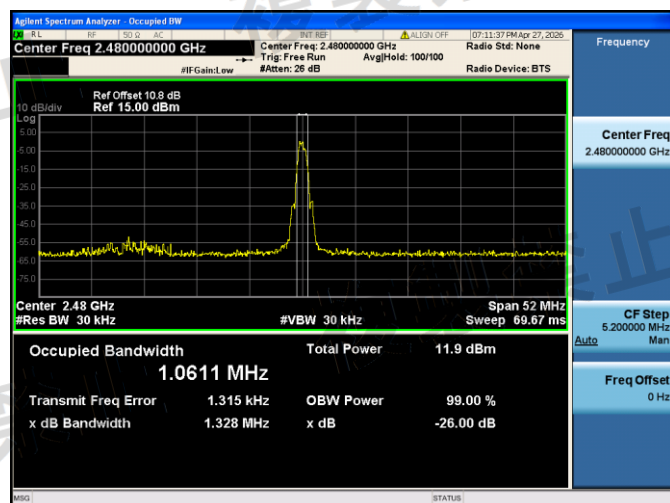
A.2.31 Low Channel NV



A.2.32 Middle Channel NV

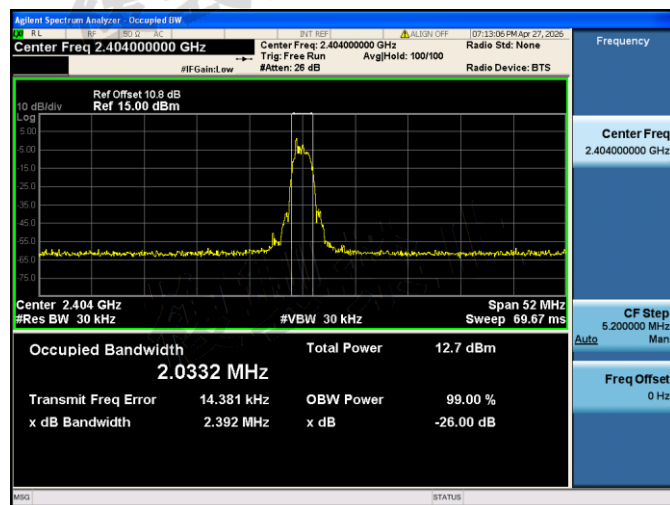


A.2.33 High Channel NV

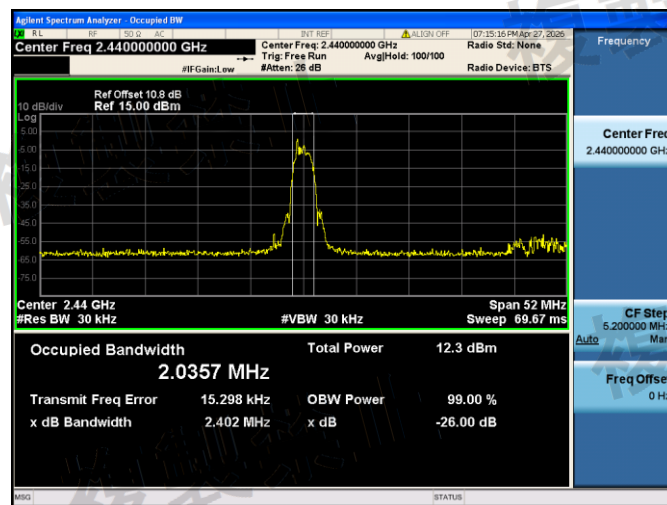


Test Data for GSKF (BLE 2Mbps)

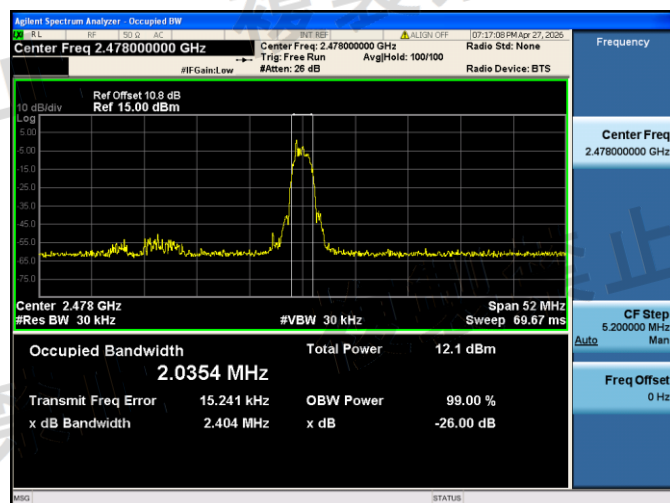
A.2.34 Low Channel NV



A.2.35 Middle Channel NV



A.2.36 High Channel NV



A.3 The frequency retention time (Dwell time)

Test Data

Left Ear

GFSK Mode:

Package Mode	Test Voltage	On Time (ms)	On+Off Time (ms)	Duty Cycle	Total of Dwell (ms)	Limit (ms)	Refer to Plot	Verdict
DH1	NV	0.384	1.254	0.306	110.876	≤400	A.3.1	Pass
DH3		1.631	2.493	0.654	236.885	≤400	A.3.2	Pass
DH5		2.879	3.735	0.771	279.098	≤400	A.3.3	Pass

$\pi/4$ -DQPSK Mode:

Package Mode	Test Voltage	On Time (ms)	On+Off Time (ms)	Duty Cycle	Total of Dwell (ms)	Limit (ms)	Refer to Plot	Verdict
2-DH1	NV	0.393	1.254	0.313	113.236	≤400	A.3.4	Pass
2-DH3		1.642	2.503	0.656	237.330	≤400	A.3.5	Pass
2-DH5		2.889	3.745	0.771	279.085	≤400	A.3.6	Pass

8-DPSK Mode:

Package Mode	Test Voltage	On Time (ms)	On+Off Time (ms)	Duty Cycle	Total of Dwell (ms)	Limit (ms)	Refer to Plot	Verdict
3-DH1	NV	0.393	1.254	0.313	113.236	≤400	A.3.7	Pass
3-DH3		1.631	2.493	0.654	236.686	≤400	A.3.8	Pass
3-DH5		2.879	3.745	0.769	278.119	≤400	A.3.9	Pass

Right Ear

GFSK Mode:

Package Mode	Test Voltage	On Time (ms)	On+Off Time (ms)	Duty Cycle	Total of Dwell (ms)	Limit (ms)	Refer to Plot	Verdict
DH1	NV	0.384	1.254	0.306	110.887	≤400	A.3.10	Pass
DH3		1.631	2.483	0.657	237.862	≤400	A.3.11	Pass
DH5		2.879	3.755	0.767	277.639	≤400	A.3.12	Pass

 $\pi/4$ -DQPSK Mode:

Package Mode	Test Voltage	On Time (ms)	On+Off Time (ms)	Duty Cycle	Total of Dwell (ms)	Limit (ms)	Refer to Plot	Verdict
2-DH1	NV	0.393	1.254	0.313	113.366	≤400	A.3.13	Pass
2-DH3		1.631	2.503	0.652	236.011	≤400	A.3.14	Pass
2-DH5		2.889	3.755	0.769	278.661	≤400	A.3.15	Pass

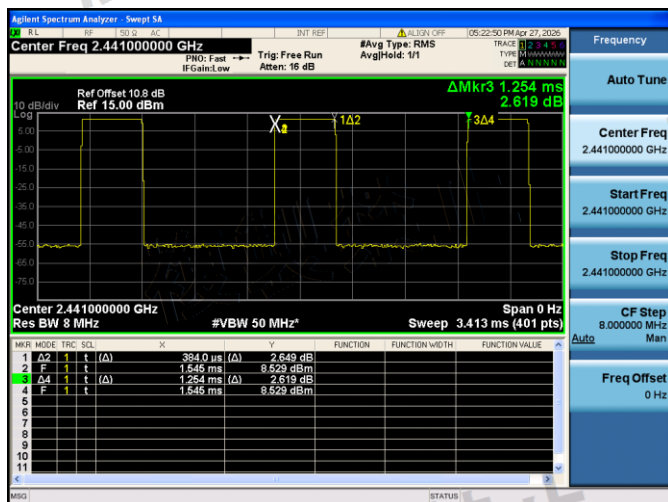
8-DPSK Mode:

Package Mode	Test Voltage	On Time (ms)	On+Off Time (ms)	Duty Cycle	Total of Dwell (ms)	Limit (ms)	Refer to Plot	Verdict
3-DH1	NV	0.384	1.246	0.308	111.623	≤400	A.3.16	Pass
3-DH3		1.652	2.503	0.660	239.050	≤400	A.3.17	Pass
3-DH5		2.889	3.755	0.769	278.661	≤400	A.3.18	Pass

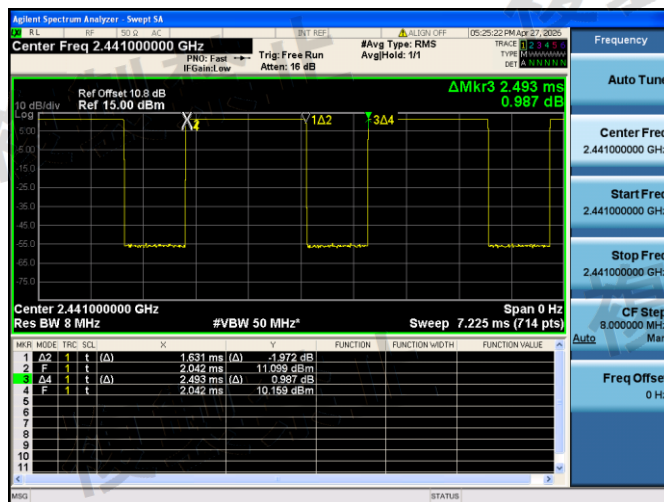
Test Plots

Left Ear

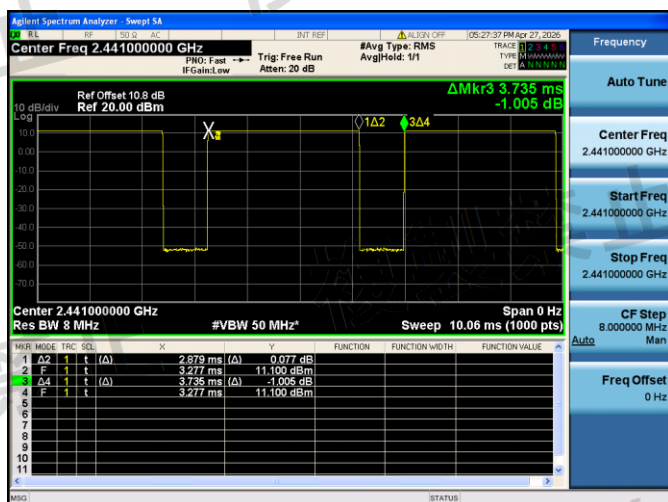
A.3.1. GFSK DH1 NV

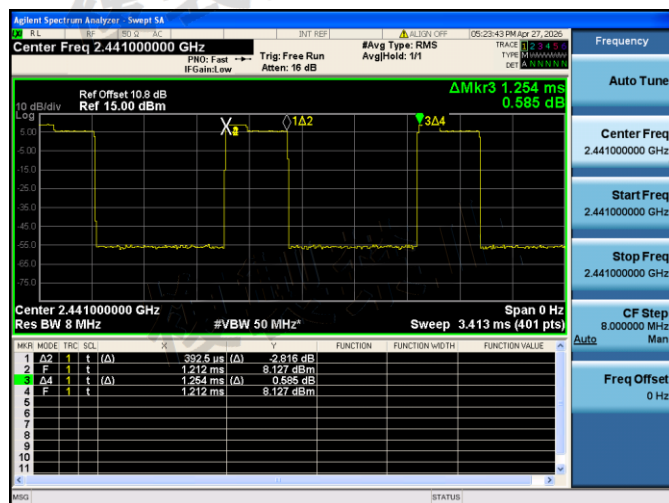
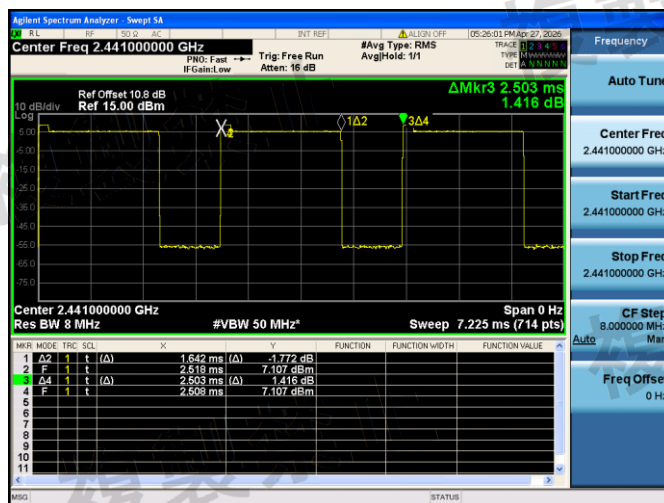
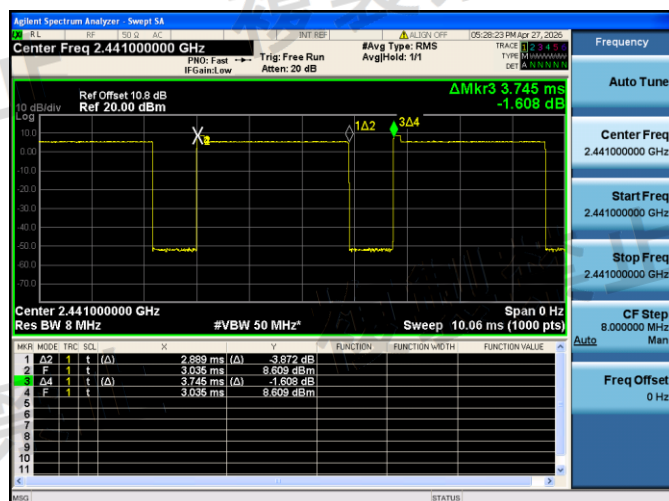


A.3.2. GFSK DH3 NV

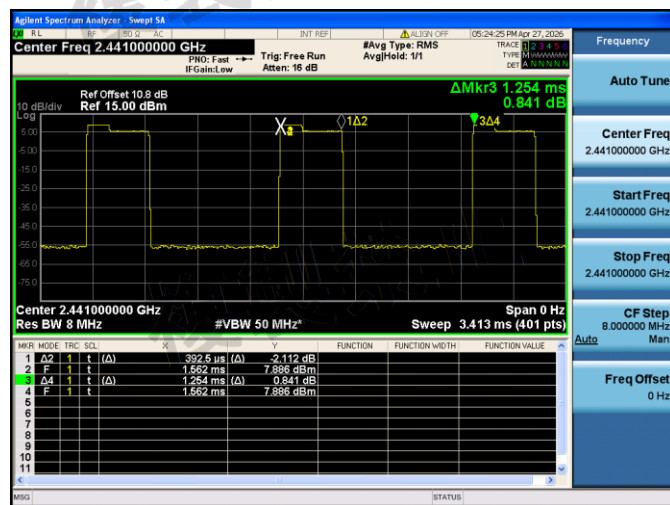


A.3.3. GFSK DH5 NV

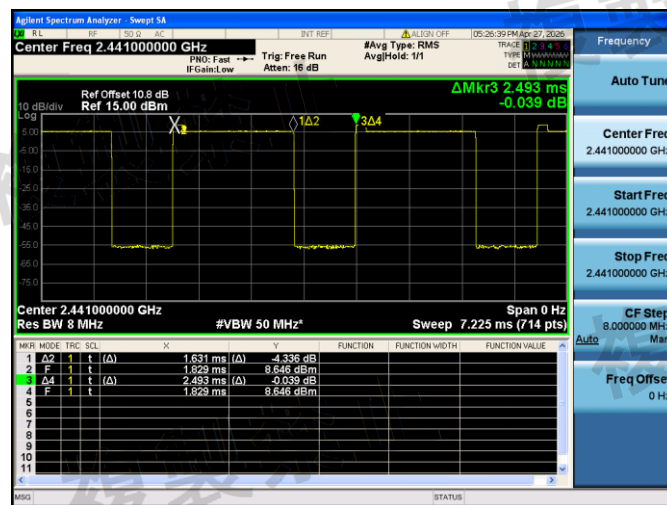


A.3.4. $\pi/4$ -DQPSK 2-DH1 NVA.3.5. $\pi/4$ -DQPSK 2-DH3 NVA.3.6. $\pi/4$ -DQPSK 2-DH5 NV

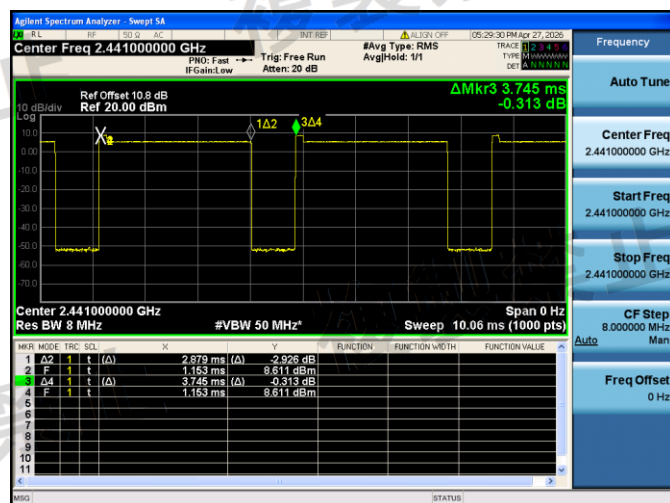
A.3.7. 8-DPSK 3-DH1 NV



A.3.8. 8-DPSK 3-DH3 NV

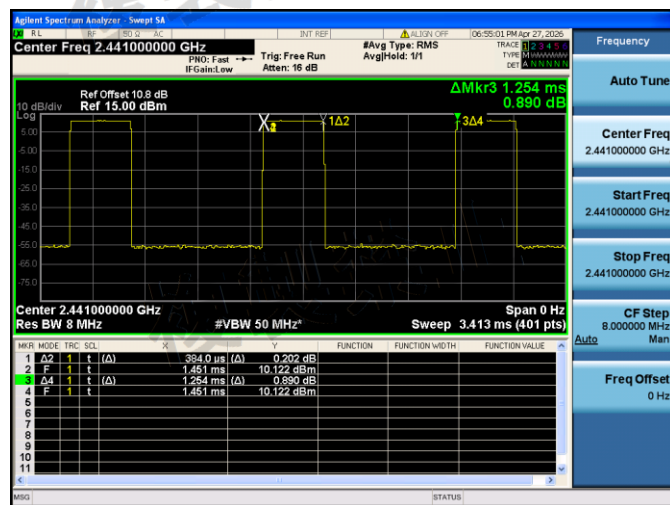


A.3.9. 8-DPSK 3-DH5 NV

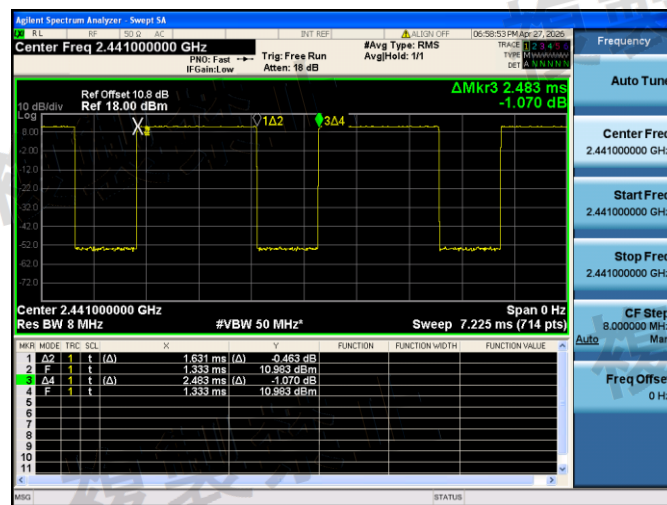


Right Ear

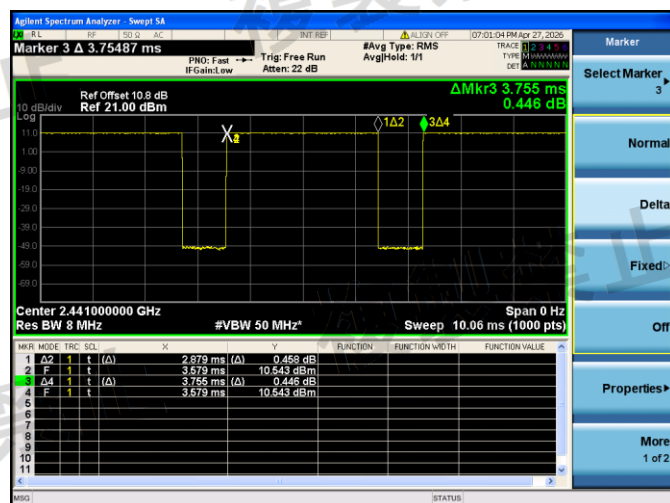
A.3.10. GFSK DH1 NV

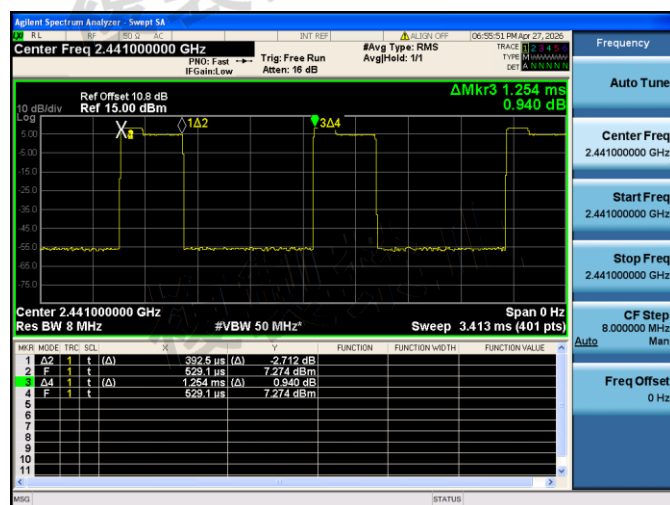
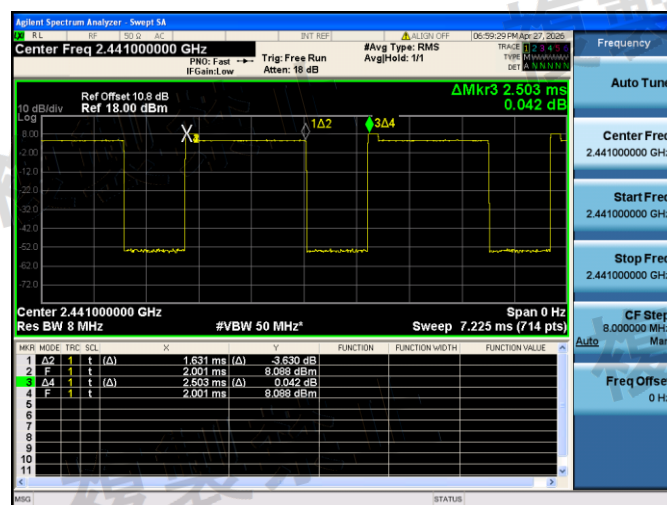
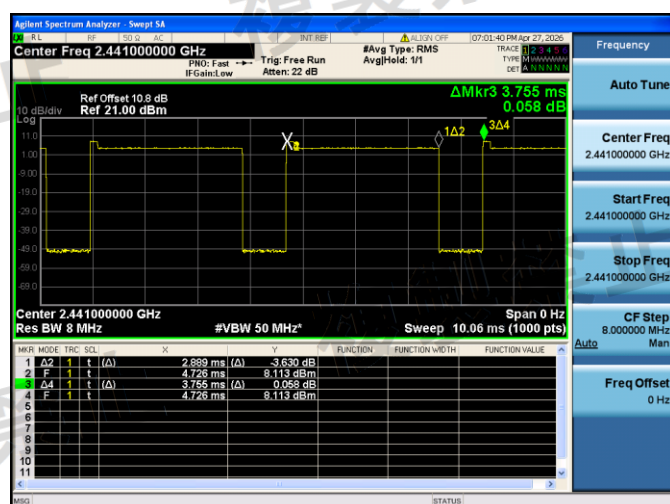


A.3.11. GFSK DH3 NV

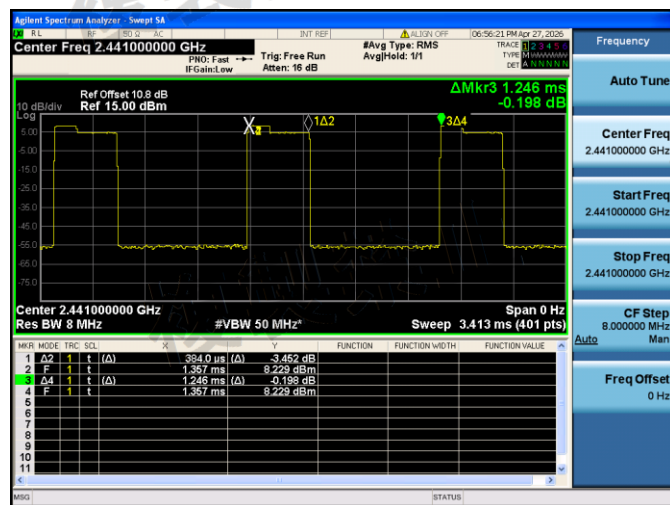


A.3.12. GFSK DH5 NV

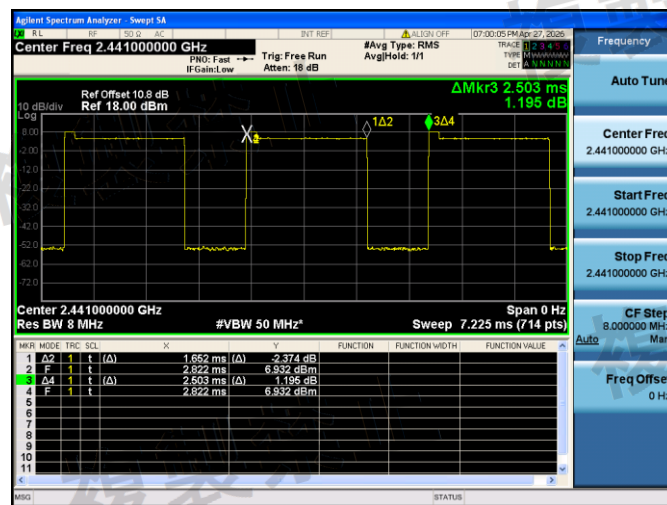


A.3.13. $\pi/4$ -DQPSK 2-DH1 NVA.3.14. $\pi/4$ -DQPSK 2-DH3 NVA.3.15. $\pi/4$ -DQPSK 2-DH5 NV

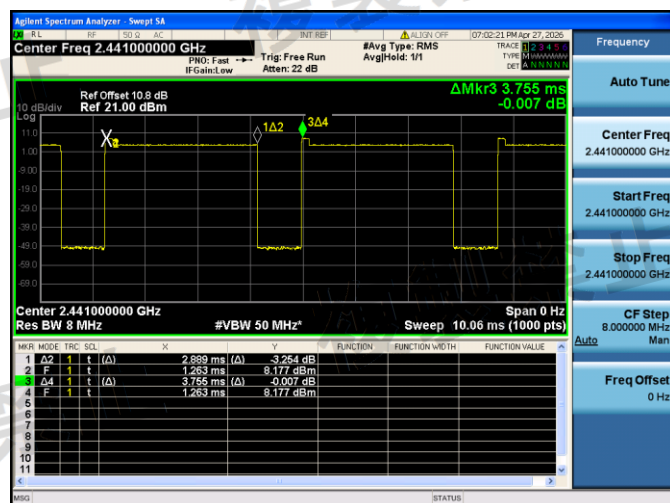
A.3.16. 8-DPSK 3-DH1 NV



A.3.17. 8-DPSK 3-DH3 NV



A.3.18. 8-DPSK 3-DH5 NV



A.4 Unwanted Emission Intensity Measurement

Test Data

Left Ear

Mode	Test Voltage	Channel	Refer to Plot	Verdict
GFSK	NV	Low	A.4.1	Pass
		Middle	A.4.2	Pass
		High	A.4.3	Pass
$\pi/4$ -DQPSK	NV	Low	A.4.4	Pass
		Middle	A.4.5	Pass
		High	A.4.6	Pass
8-DPSK	NV	Low	A.4.7	Pass
		Middle	A.4.8	Pass
		High	A.4.9	Pass
GFSK	NV	Hopping	A.4.10	Pass
$\pi/4$ -DQPSK			A.4.11	Pass
8-DPSK			A.4.12	Pass
GFSK (BLE 1Mbps)	NV	Low	A.4.13	Pass
		Middle	A.4.14	Pass
		High	A.4.15	Pass
GFSK (BLE 2Mbps)	NV	Low	A.4.16	Pass
		Middle	A.4.17	Pass
		High	A.4.18	Pass

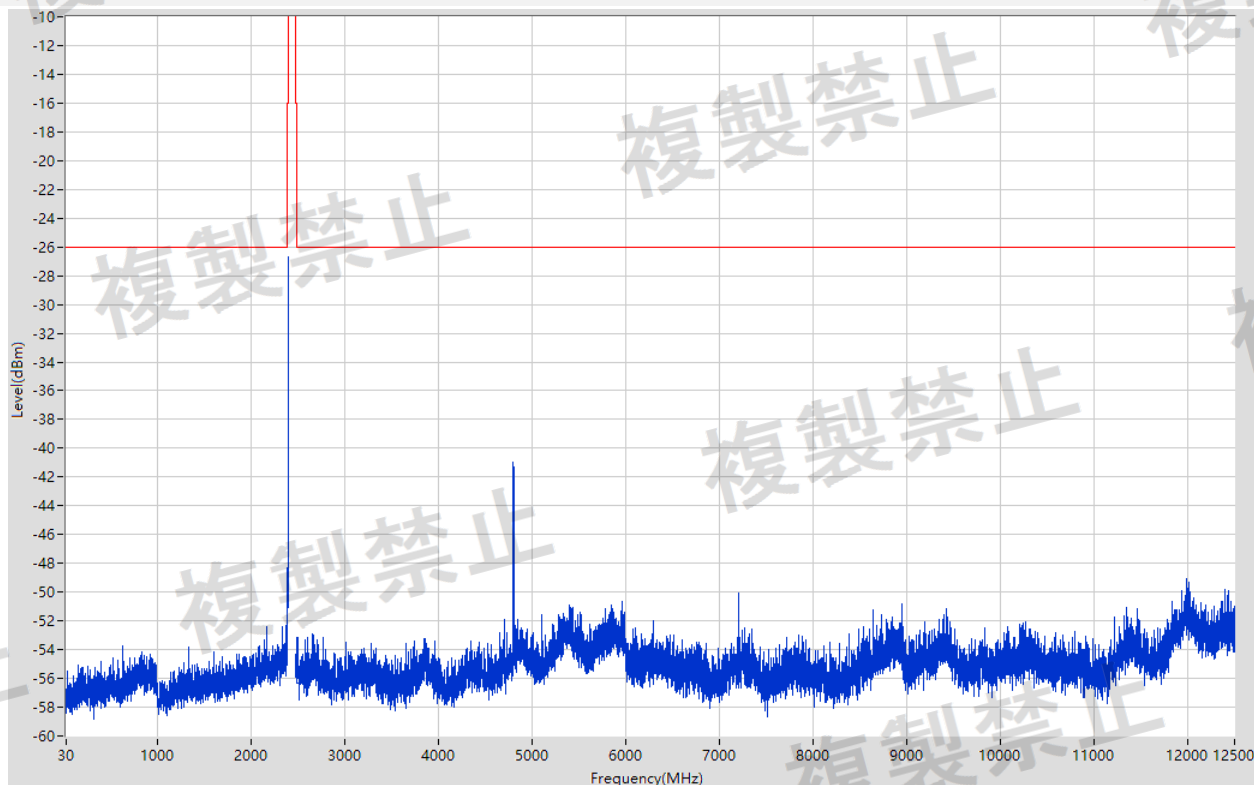
Right Ear

Mode	Test Voltage	Channel	Refer to Plot	Verdict
GFSK	NV	Low	A.4.19	Pass
		Middle	A.4.20	Pass
		High	A.4.21	Pass
$\pi/4$ -DQPSK	NV	Low	A.4.22	Pass
		Middle	A.4.23	Pass
		High	A.4.24	Pass
8-DPSK	NV	Low	A.4.25	Pass
		Middle	A.4.26	Pass
		High	A.4.27	Pass
GFSK	NV	Hopping	A.4.28	Pass
$\pi/4$ -DQPSK			A.4.29	Pass
8-DPSK			A.4.30	Pass
GFSK (BLE 1Mbps)	NV	Low	A.4.31	Pass
		Middle	A.4.32	Pass
		High	A.4.33	Pass
GFSK (BLE 2Mbps)	NV	Low	A.4.34	Pass
		Middle	A.4.35	Pass
		High	A.4.36	Pass

Test Plots

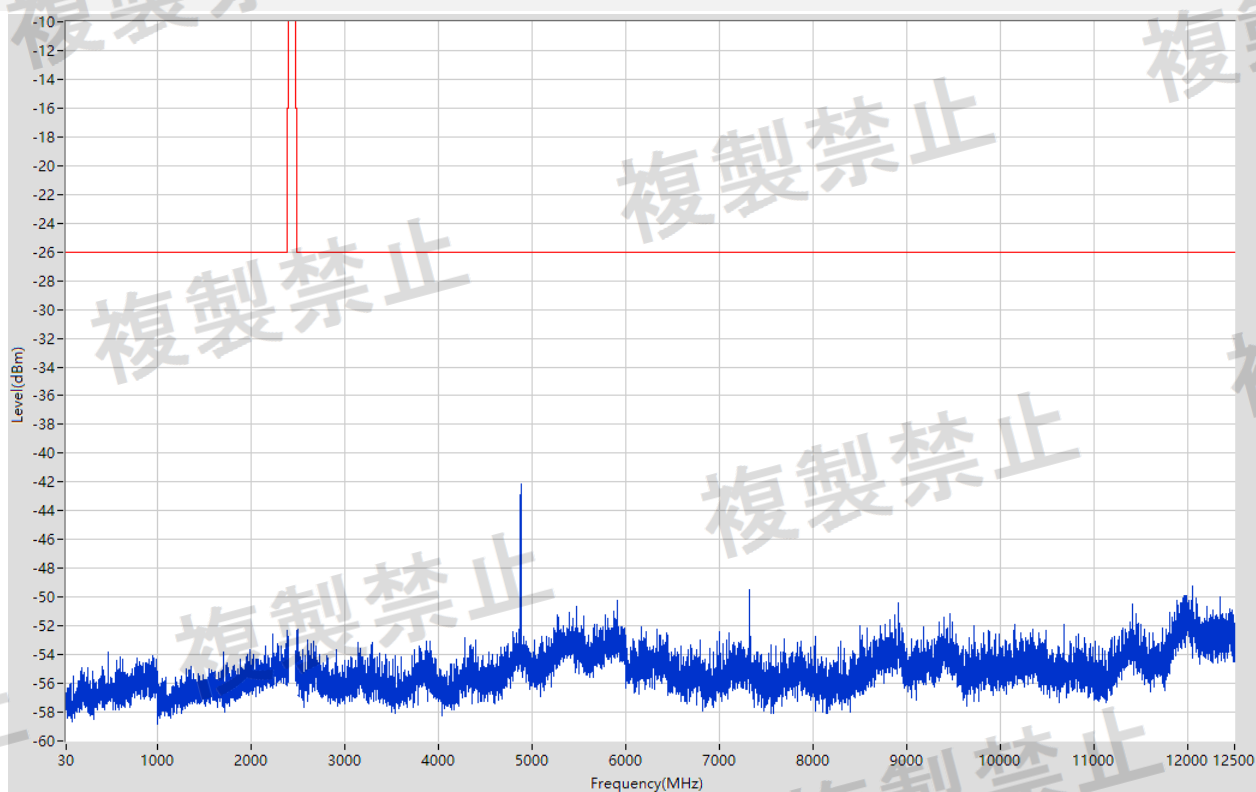
Left Ear

A.4.1 GFSK NV Low Channel



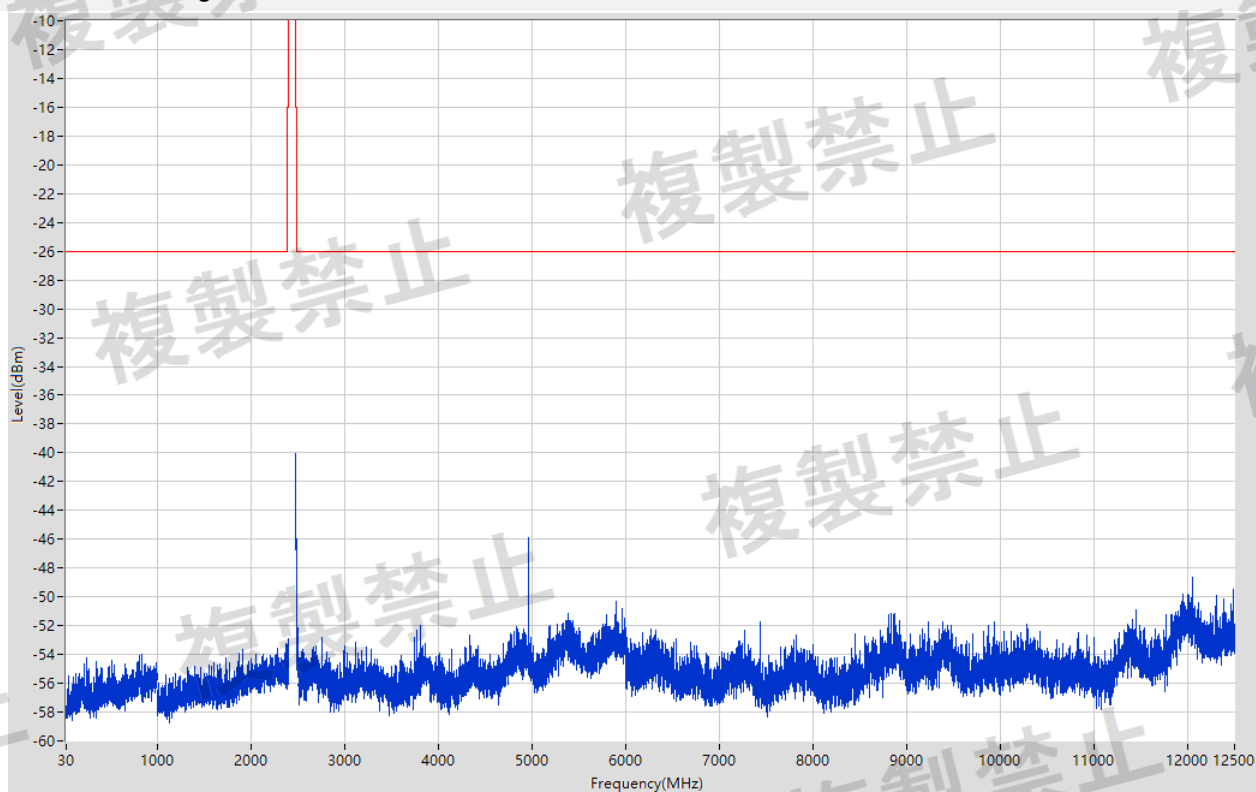
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	634	-53.71	0.004	2.5	Pass
1000	2374	1	Peak	2338	-52.42	0.006	2.5	Pass
2374	2387	1	Peak	2385.278	-52.17	0.006	2.5	Pass
2387	2400	1	Peak	2400	-26.71	2.131	25	Pass
2483.5	2496.5	1	Peak	2491.723	-53.15	0.005	25	Pass
2496.5	2509.5	1	Peak	2503.813	-53.12	0.005	2.5	Pass
2509.5	6000	1	Peak	4803.829	-40.96	0.080	2.5	Pass
6000	12500	1	Peak	11982	-49.09	0.012	2.5	Pass

A.4.2 GFSK NV Middle Channel

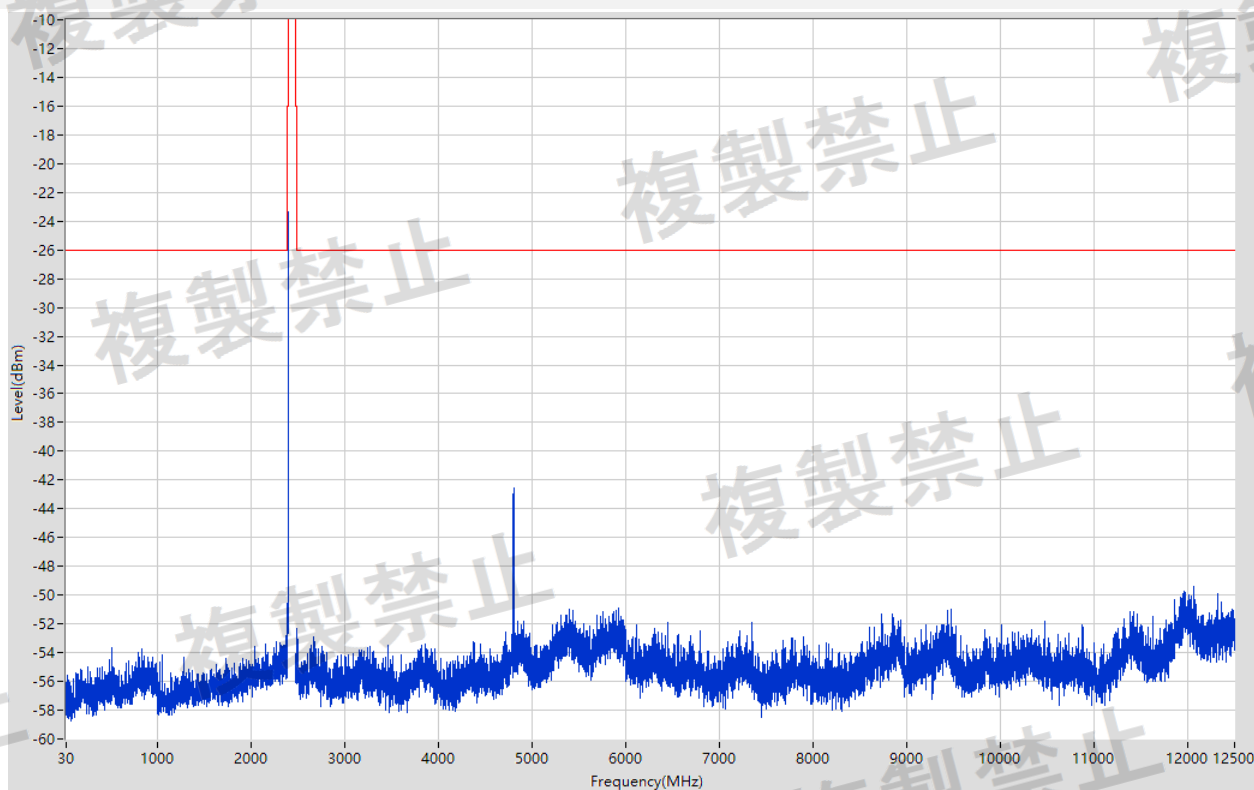


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	479	-53.85	0.004	2.5	Pass
1000	2374	1	Peak	2231	-52.55	0.006	2.5	Pass
2374	2387	1	Peak	2380.63	-53.27	0.005	2.5	Pass
2387	2400	1	Peak	2393.078	-52.3	0.006	25	Pass
2483.5	2496.5	1	Peak	2494.485	-52.31	0.006	25	Pass
2496.5	2509.5	1	Peak	2501.733	-52.27	0.006	2.5	Pass
2509.5	6000	1	Peak	4881.84	-42.14	0.061	2.5	Pass
6000	12500	1	Peak	12054	-49.21	0.012	2.5	Pass

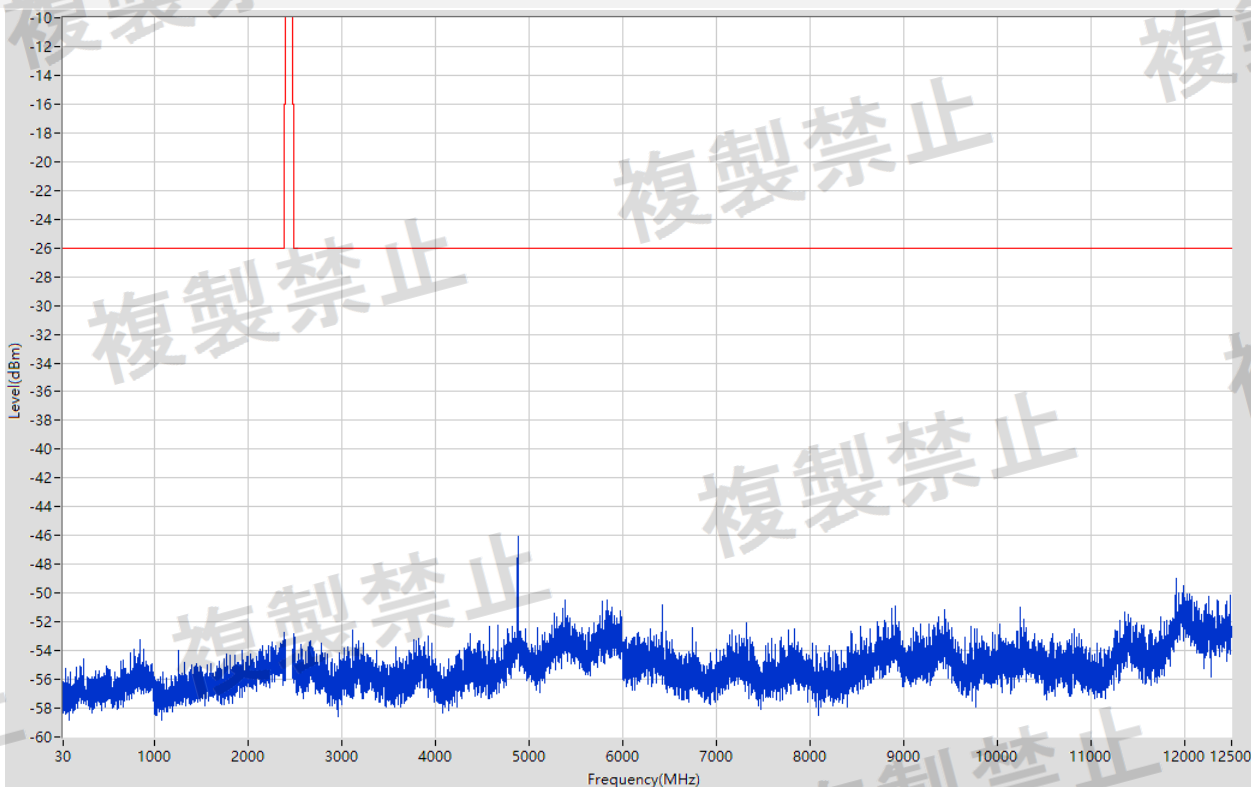
A.4.3 GFSK NV High Channel



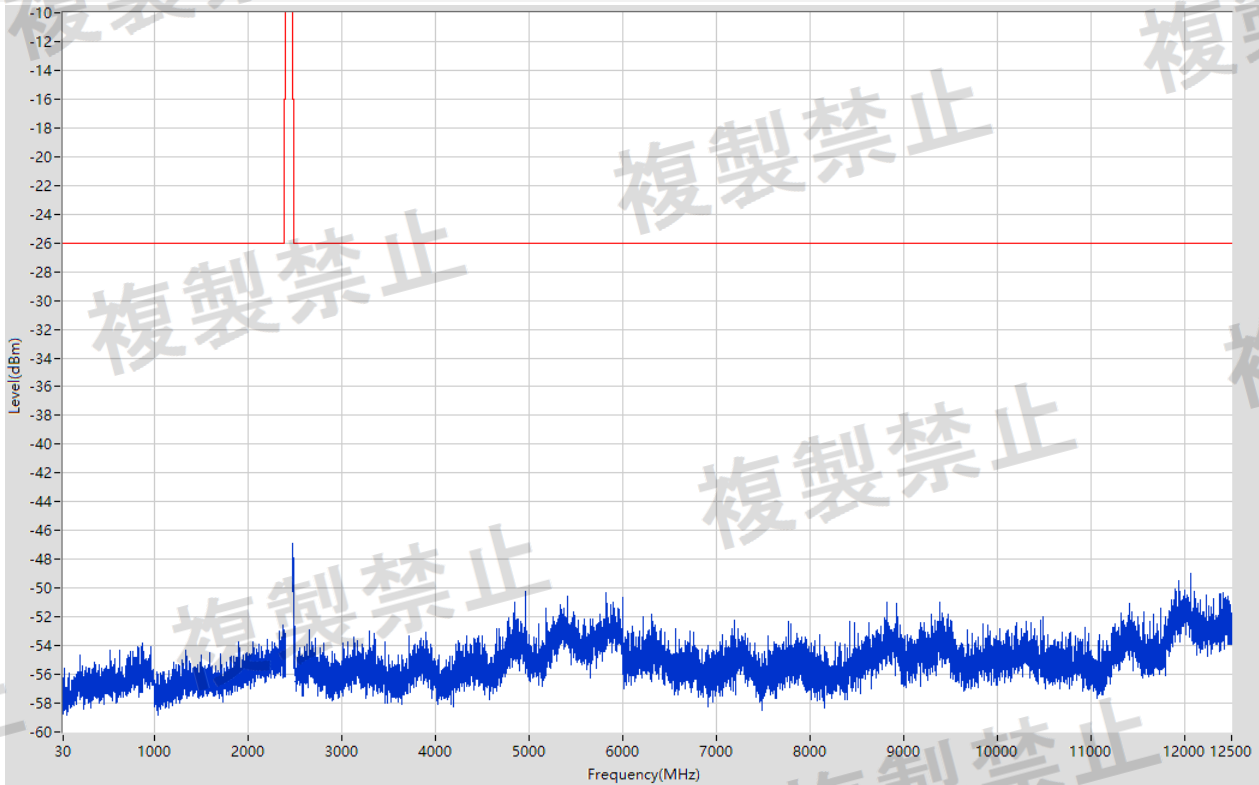
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	839	-54.02	0.004	2.5	Pass
1000	2374	1	Peak	2287	-53.54	0.004	2.5	Pass
2374	2387	1	Peak	2379.98	-53.25	0.005	2.5	Pass
2387	2400	1	Peak	2397.628	-52.88	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.565	-40.08	0.098	25	Pass
2496.5	2509.5	1	Peak	2502.415	-52.12	0.006	2.5	Pass
2509.5	6000	1	Peak	4959.851	-45.9	0.026	2.5	Pass
6000	12500	1	Peak	12053	-48.61	0.014	2.5	Pass

A.4.4 $\pi/4$ -DQPSK NV Low Channel

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	516	-53.69	0.004	2.5	Pass
1000	2374	1	Peak	2271	-53.25	0.005	2.5	Pass
2374	2387	1	Peak	2378.843	-52.85	0.005	2.5	Pass
2387	2400	1	Peak	2400	-23.39	4.580	25	Pass
2483.5	2496.5	1	Peak	2489.545	-52.3	0.006	25	Pass
2496.5	2509.5	1	Peak	2501.05	-53.08	0.005	2.5	Pass
2509.5	6000	1	Peak	4804.829	-42.55	0.056	2.5	Pass
6000	12500	1	Peak	12069	-49.44	0.011	2.5	Pass

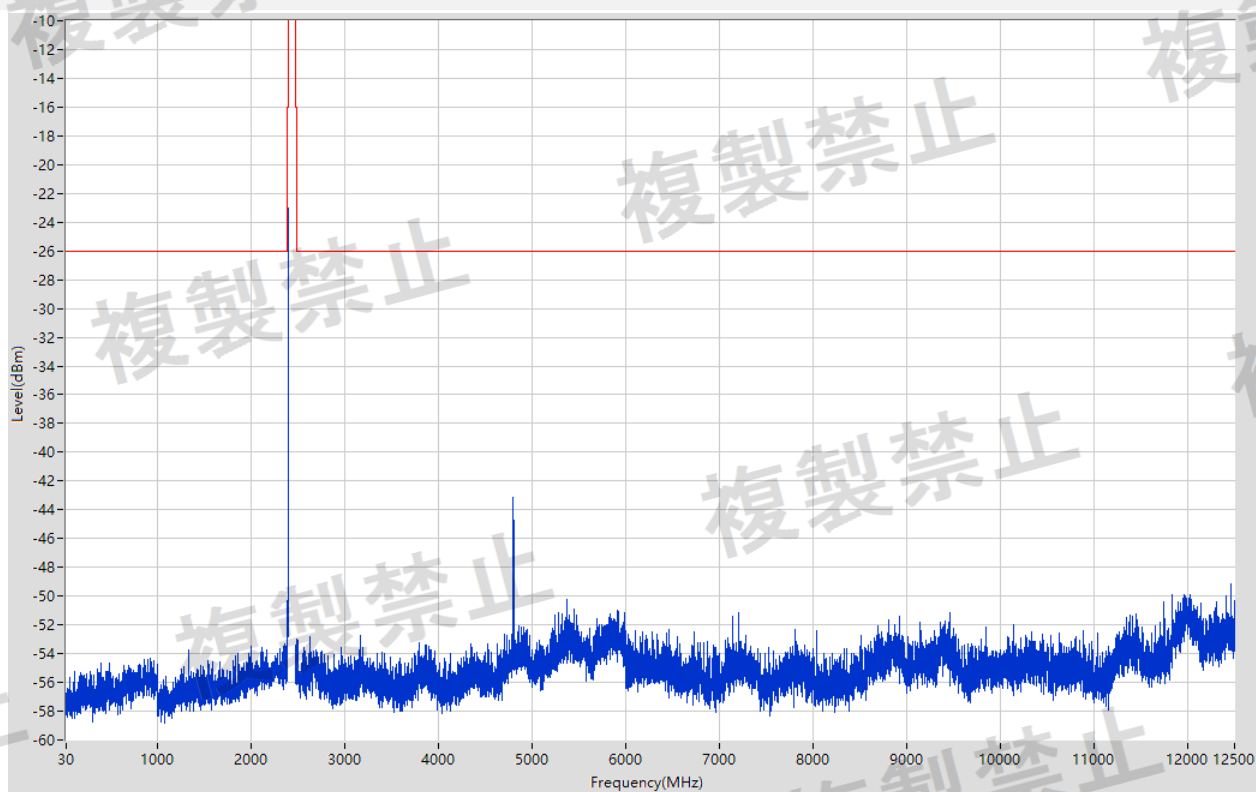
A.4.5 $\pi/4$ -DQPSK NV Middle Channel

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	856	-53.28	0.005	2.5	Pass
1000	2374	1	Peak	2263	-53.44	0.005	2.5	Pass
2374	2387	1	Peak	2377.998	-53.36	0.005	2.5	Pass
2387	2400	1	Peak	2393.273	-52.72	0.005	25	Pass
2483.5	2496.5	1	Peak	2488.83	-52.83	0.005	25	Pass
2496.5	2509.5	1	Peak	2504.073	-53.1	0.005	2.5	Pass
2509.5	6000	1	Peak	4882.84	-46.02	0.025	2.5	Pass
6000	12500	1	Peak	11910	-49.01	0.013	2.5	Pass

A.4.6 $\pi/4$ -DQPSK NV High Channel

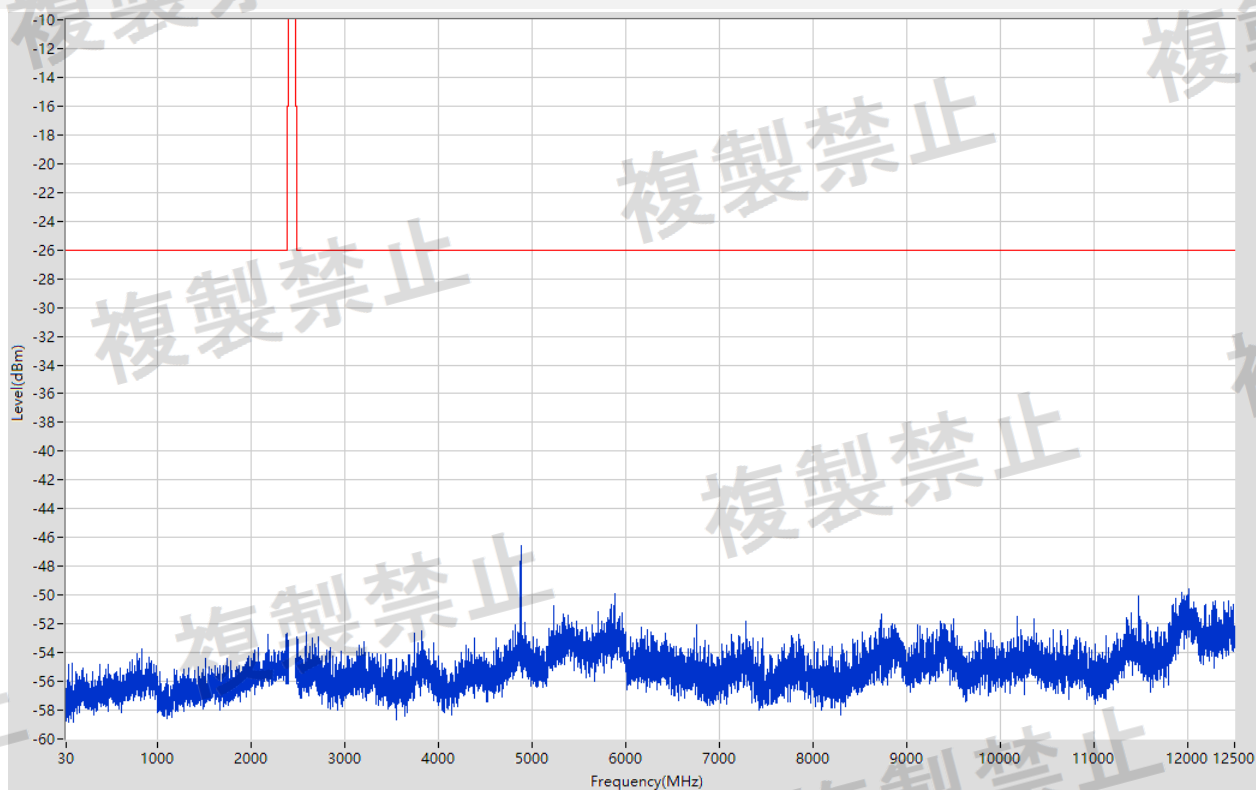
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	881	-53.79	0.004	2.5	Pass
1000	2374	1	Peak	2343	-53.02	0.005	2.5	Pass
2374	2387	1	Peak	2375.983	-52.54	0.006	2.5	Pass
2387	2400	1	Peak	2392.655	-52.89	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.825	-46.86	0.021	25	Pass
2496.5	2509.5	1	Peak	2509.305	-52.68	0.005	2.5	Pass
2509.5	6000	1	Peak	4960.851	-50.27	0.009	2.5	Pass
6000	12500	1	Peak	12060	-48.94	0.013	2.5	Pass

A.4.7 8-DPSK NV Low Channel



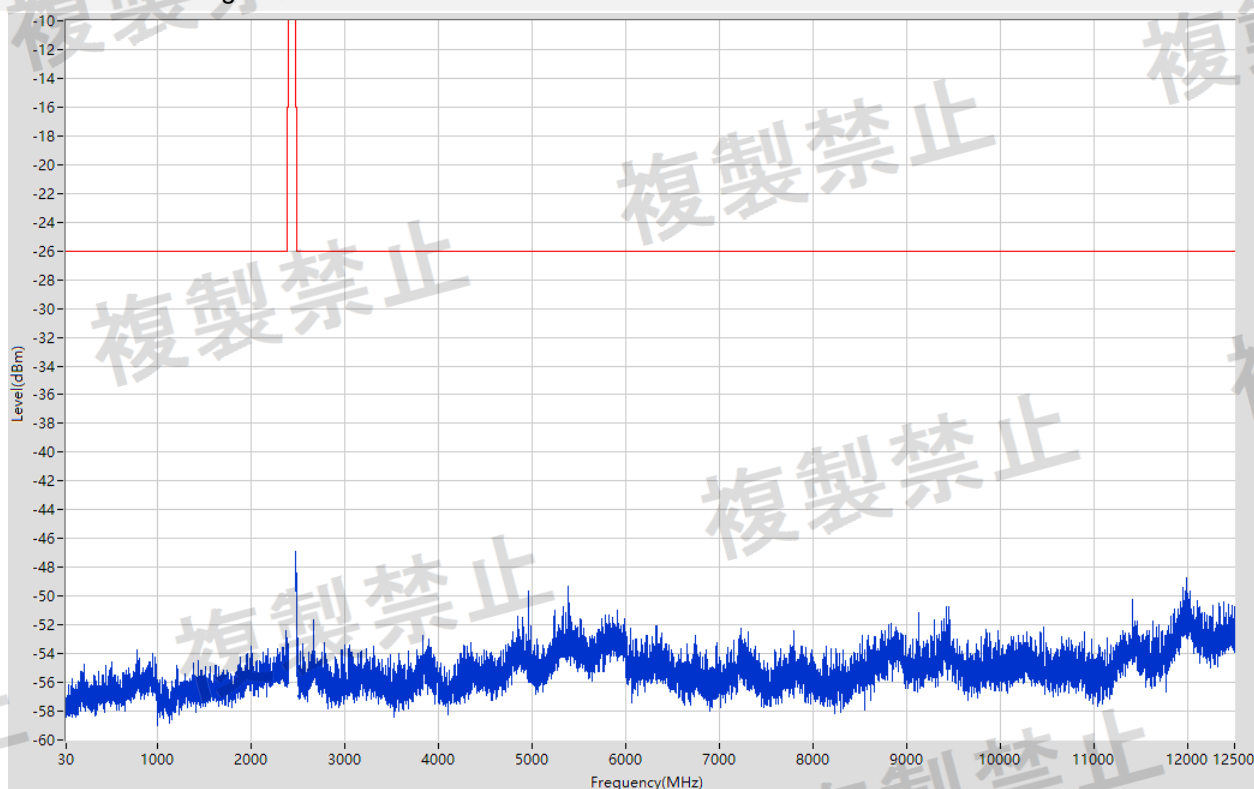
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	923	-54.35	0.004	2.5	Pass
1000	2374	1	Peak	2366	-53.33	0.005	2.5	Pass
2374	2387	1	Peak	2386.415	-52.13	0.006	2.5	Pass
2387	2400	1	Peak	2400	-23.05	4.950	25	Pass
2483.5	2496.5	1	Peak	2486.75	-53.01	0.005	25	Pass
2496.5	2509.5	1	Peak	2504.17	-53.03	0.005	2.5	Pass
2509.5	6000	1	Peak	4803.829	-43.13	0.049	2.5	Pass
6000	12500	1	Peak	12460	-49.13	0.012	2.5	Pass

A.4.8 8-DPSK NV Middle Channel



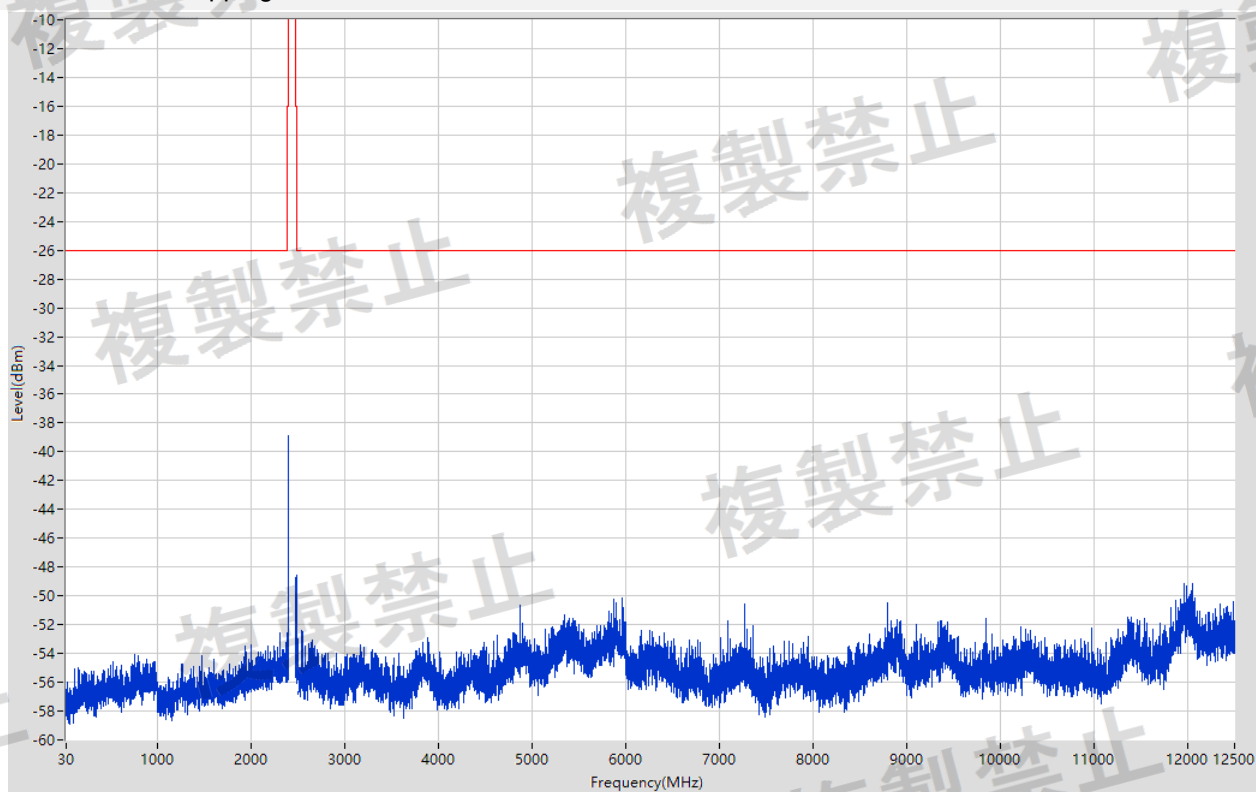
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	840	-53.76	0.004	2.5	Pass
1000	2374	1	Peak	2180	-52.75	0.005	2.5	Pass
2374	2387	1	Peak	2375.398	-52.74	0.005	2.5	Pass
2387	2400	1	Peak	2393.273	-52.61	0.005	25	Pass
2483.5	2496.5	1	Peak	2488.473	-52.95	0.005	25	Pass
2496.5	2509.5	1	Peak	2502.35	-53.08	0.005	2.5	Pass
2509.5	6000	1	Peak	4881.84	-46.6	0.022	2.5	Pass
6000	12500	1	Peak	12013	-49.54	0.011	2.5	Pass

A.4.9 8-DPSK NV High Channel

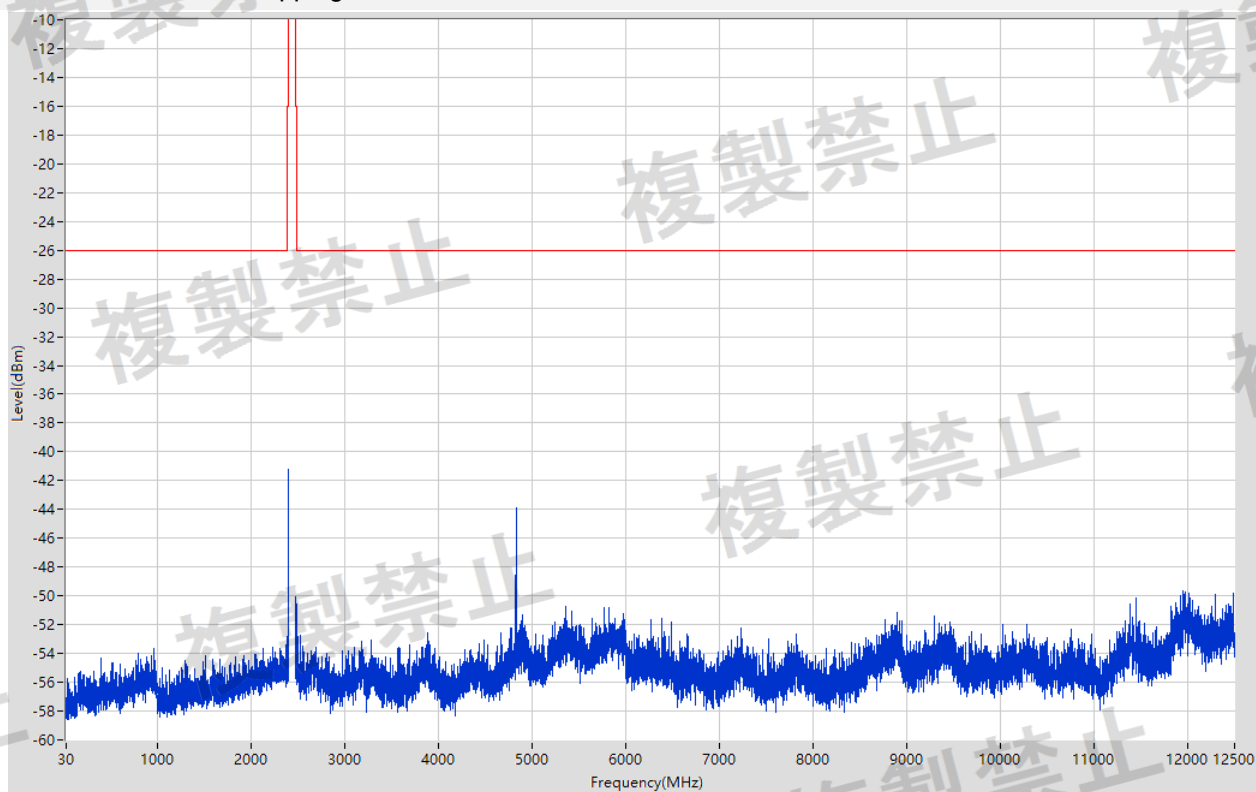


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	784	-53.78	0.004	2.5	Pass
1000	2374	1	Peak	2008	-53.51	0.004	2.5	Pass
2374	2387	1	Peak	2381.735	-52.44	0.006	2.5	Pass
2387	2400	1	Peak	2398.538	-53.32	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.5	-46.91	0.020	25	Pass
2496.5	2509.5	1	Peak	2497.248	-52.94	0.005	2.5	Pass
2509.5	6000	1	Peak	5385.912	-49.29	0.012	2.5	Pass
6000	12500	1	Peak	11993	-48.77	0.013	2.5	Pass

A.4.10 GFSK NV Hopping

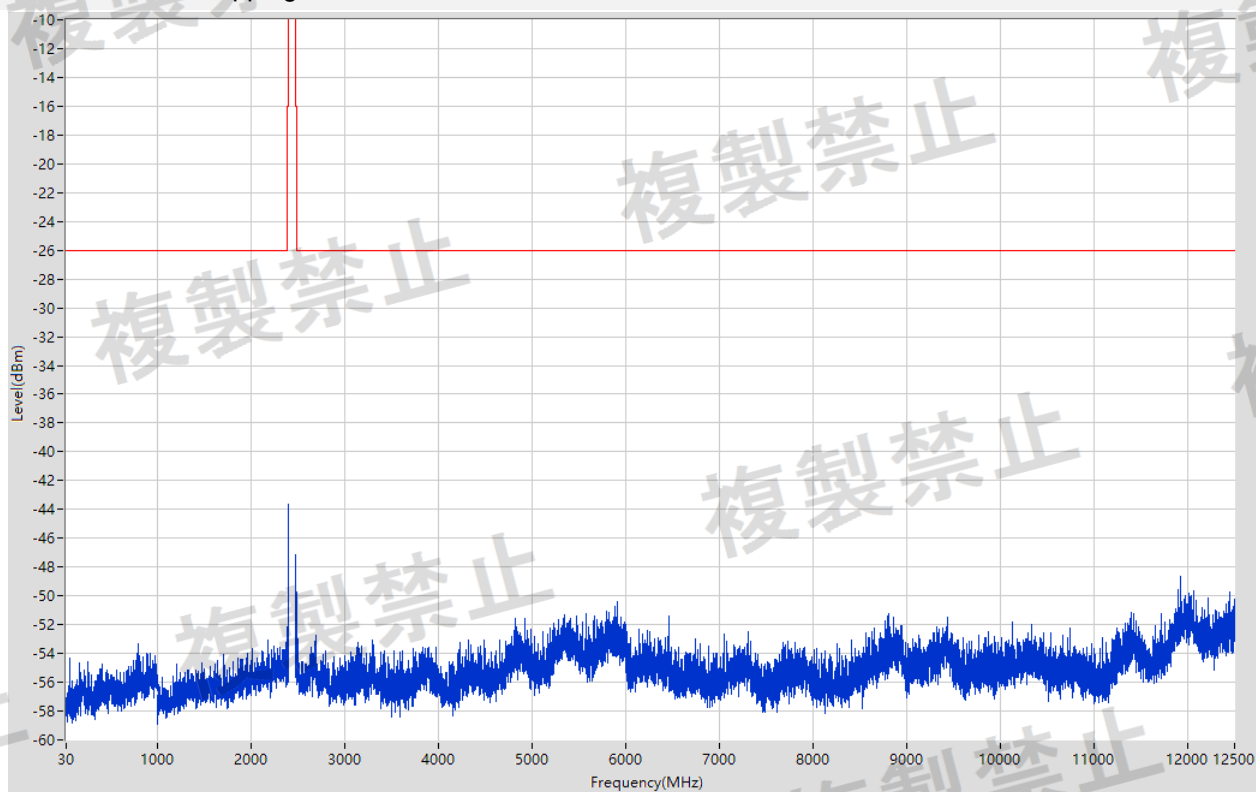


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	762	-54.06	0.004	2.5	Pass
1000	2374	1	Peak	2306	-52.59	0.006	2.5	Pass
2374	2387	1	Peak	2384.725	-52.73	0.005	2.5	Pass
2387	2400	1	Peak	2399.513	-38.86	0.130	25	Pass
2483.5	2496.5	1	Peak	2485.158	-48.56	0.014	25	Pass
2496.5	2509.5	1	Peak	2505.698	-52.96	0.005	2.5	Pass
2509.5	6000	1	Peak	5969.996	-50.11	0.010	2.5	Pass
6000	12500	1	Peak	11957	-49.14	0.012	2.5	Pass

A.4.11 $\pi/4$ -DQPSK NV Hopping

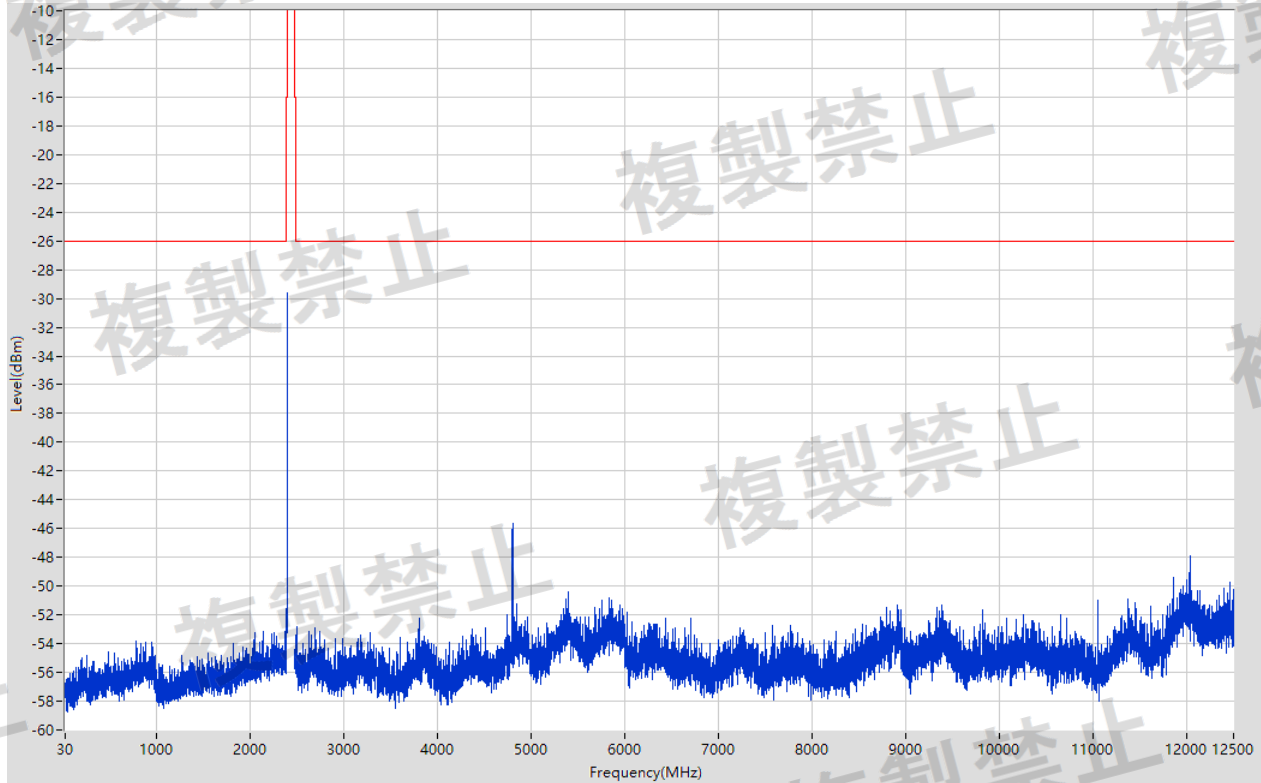
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	960	-53.62	0.004	2.5	Pass
1000	2374	1	Peak	2374	-53.37	0.005	2.5	Pass
2374	2387	1	Peak	2380.338	-53.43	0.005	2.5	Pass
2387	2400	1	Peak	2399.09	-41.23	0.075	25	Pass
2483.5	2496.5	1	Peak	2483.858	-50.09	0.010	25	Pass
2496.5	2509.5	1	Peak	2504.235	-52.79	0.005	2.5	Pass
2509.5	6000	1	Peak	4829.832	-43.91	0.041	2.5	Pass
6000	12500	1	Peak	11954	-49.65	0.011	2.5	Pass

A.4.12 8-DPSK NV Hopping



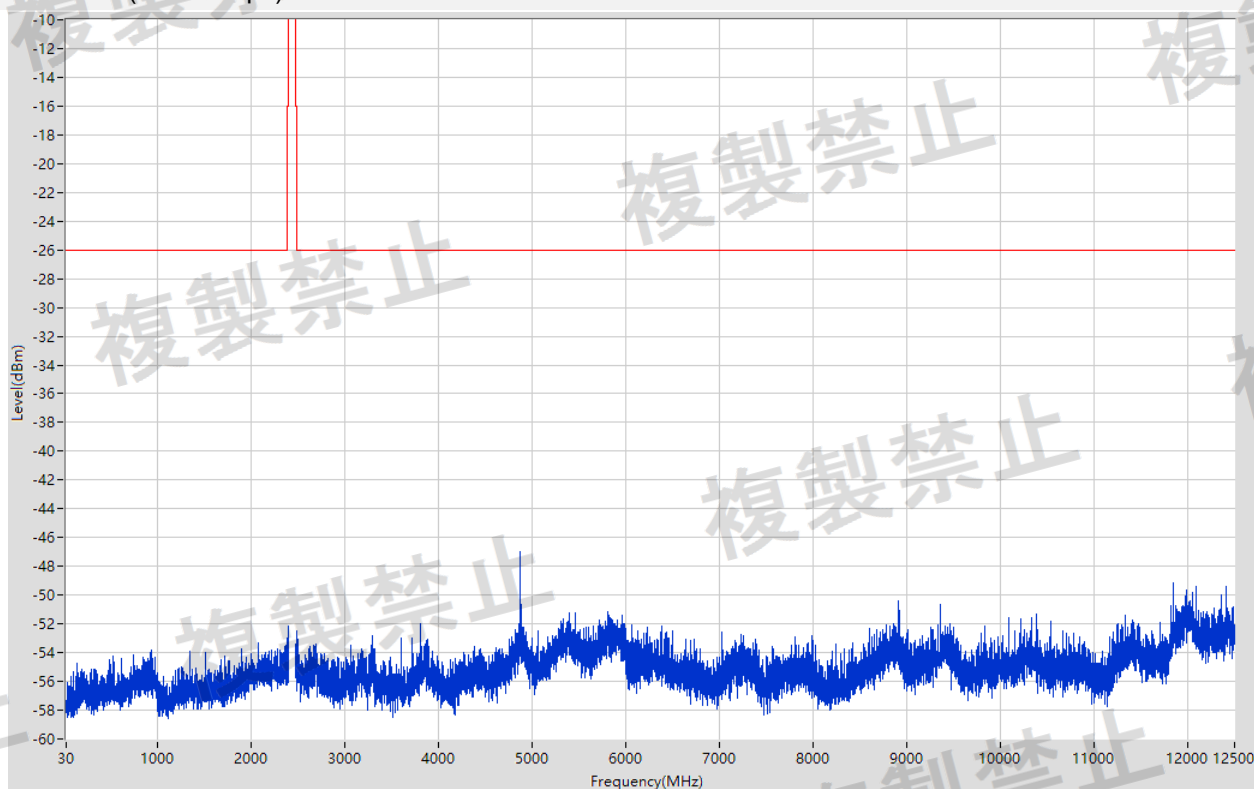
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	805	-53.31	0.005	2.5	Pass
1000	2374	1	Peak	2180	-53.1	0.005	2.5	Pass
2374	2387	1	Peak	2379.85	-53.2	0.005	2.5	Pass
2387	2400	1	Peak	2399.773	-43.61	0.044	25	Pass
2483.5	2496.5	1	Peak	2483.533	-47.11	0.019	25	Pass
2496.5	2509.5	1	Peak	2501.603	-52.96	0.005	2.5	Pass
2509.5	6000	1	Peak	5911.987	-50.37	0.009	2.5	Pass
6000	12500	1	Peak	11929	-48.66	0.014	2.5	Pass

A.4.13 GFSK (BLE 1Mbps) NV Low Channel



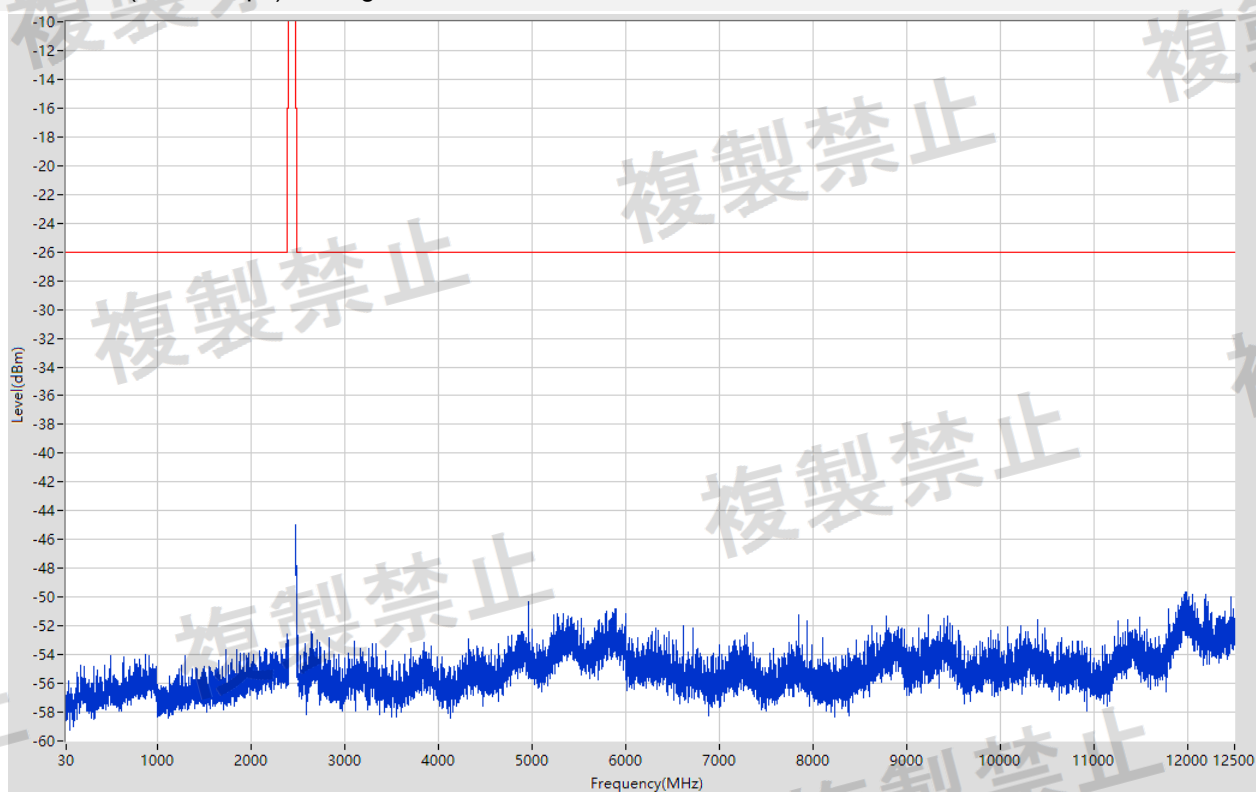
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	785	-53.78	0.004	2.5	Pass
1000	2374	1	Peak	2148	-53.19	0.005	2.5	Pass
2374	2387	1	Peak	2385.148	-52.07	0.006	2.5	Pass
2387	2400	1	Peak	2400	-29.58	1.101	25	Pass
2483.5	2496.5	1	Peak	2490.39	-53.38	0.005	25	Pass
2496.5	2509.5	1	Peak	2508.038	-52.79	0.005	2.5	Pass
2509.5	6000	1	Peak	4804.829	-45.6	0.028	2.5	Pass
6000	12500	1	Peak	12033	-47.92	0.016	2.5	Pass

A.4.14 GFSK (BLE 1Mbps) NV Middle Channel



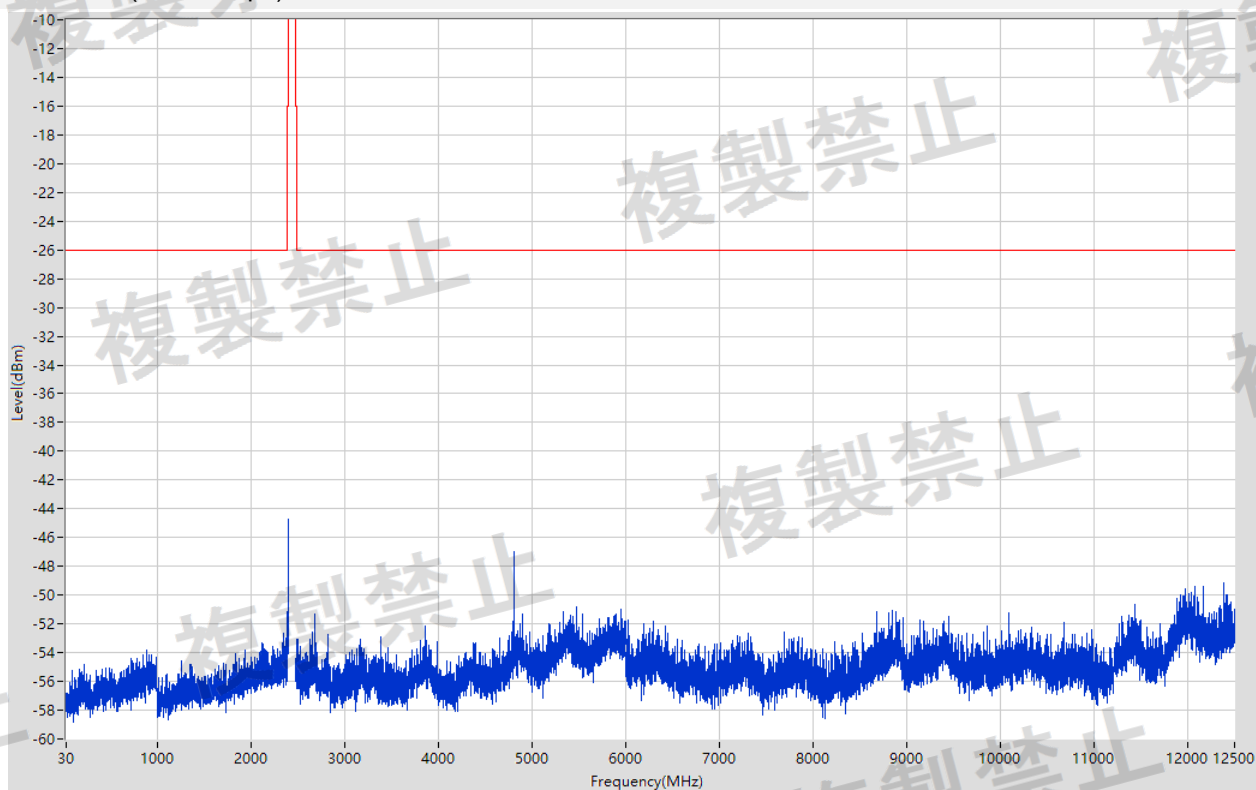
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	941	-53.82	0.004	2.5	Pass
1000	2374	1	Peak	2084	-53.32	0.005	2.5	Pass
2374	2387	1	Peak	2385.798	-53.38	0.005	2.5	Pass
2387	2400	1	Peak	2394.638	-52.12	0.006	25	Pass
2483.5	2496.5	1	Peak	2489.253	-52.52	0.006	25	Pass
2496.5	2509.5	1	Peak	2502.61	-53.11	0.005	2.5	Pass
2509.5	6000	1	Peak	4880.84	-46.94	0.020	2.5	Pass
6000	12500	1	Peak	11850	-49.14	0.012	2.5	Pass

A.4.15 GFSK (BLE 1Mbps) NV High Channel



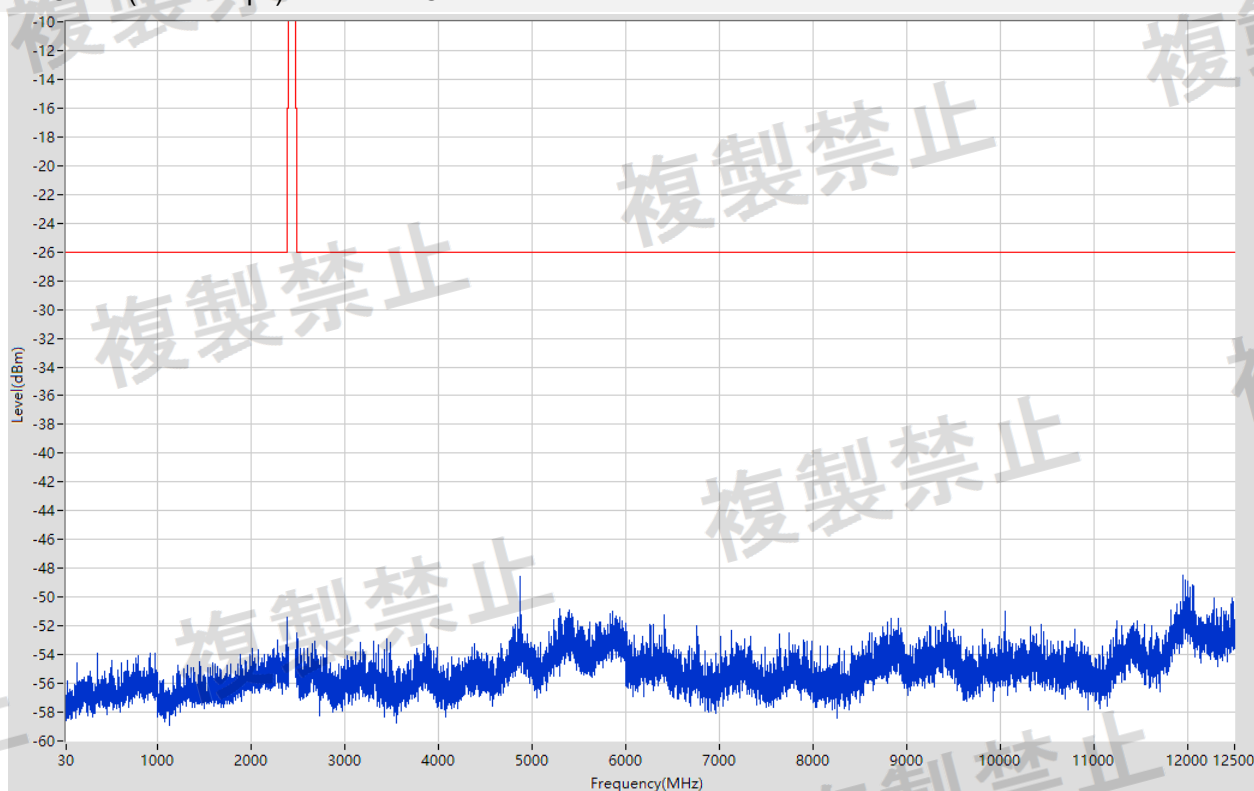
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	877	-53.97	0.004	2.5	Pass
1000	2374	1	Peak	2155	-53.59	0.004	2.5	Pass
2374	2387	1	Peak	2382.808	-52.54	0.006	2.5	Pass
2387	2400	1	Peak	2399.805	-53.03	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.598	-44.96	0.032	25	Pass
2496.5	2509.5	1	Peak	2498.093	-52.62	0.005	2.5	Pass
2509.5	6000	1	Peak	4959.851	-50.33	0.009	2.5	Pass
6000	12500	1	Peak	11986	-49.63	0.011	2.5	Pass

A.4.16 GFSK (BLE 2Mbps) NV Low Channel



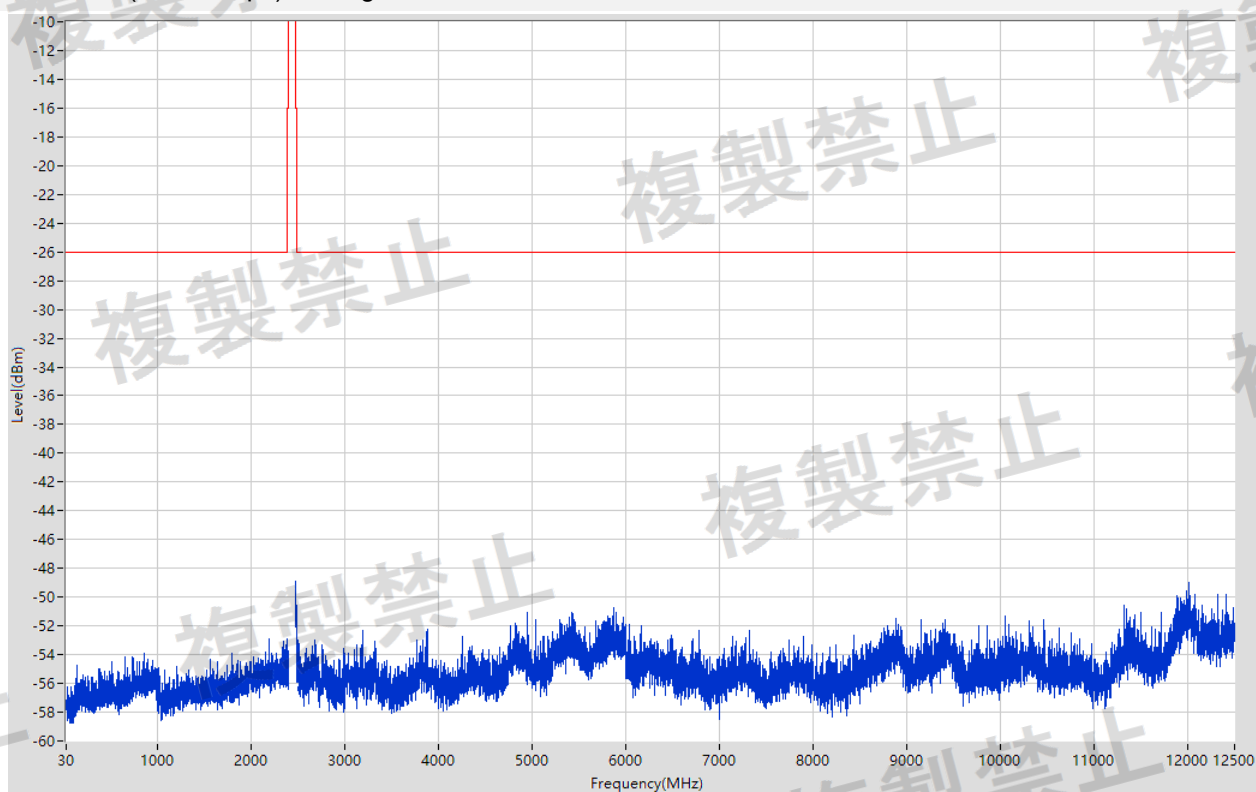
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	895	-53.86	0.004	2.5	Pass
1000	2374	1	Peak	2356	-52.67	0.005	2.5	Pass
2374	2387	1	Peak	2380.078	-52.95	0.005	2.5	Pass
2387	2400	1	Peak	2399.935	-44.73	0.034	25	Pass
2483.5	2496.5	1	Peak	2485.385	-53.42	0.005	25	Pass
2496.5	2509.5	1	Peak	2506.185	-53.05	0.005	2.5	Pass
2509.5	6000	1	Peak	4806.829	-46.97	0.020	2.5	Pass
6000	12500	1	Peak	12382	-49.14	0.012	2.5	Pass

A.4.17 GFSK (BLE 2Mbps) NV Middle Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	933	-53.89	0.004	2.5	Pass
1000	2374	1	Peak	2287	-52.98	0.005	2.5	Pass
2374	2387	1	Peak	2382.678	-53.06	0.005	2.5	Pass
2387	2400	1	Peak	2391.453	-51.41	0.007	25	Pass
2483.5	2496.5	1	Peak	2486.718	-52.48	0.006	25	Pass
2496.5	2509.5	1	Peak	2508.493	-52.87	0.005	2.5	Pass
2509.5	6000	1	Peak	4879.84	-48.6	0.014	2.5	Pass
6000	12500	1	Peak	11954	-48.5	0.014	2.5	Pass

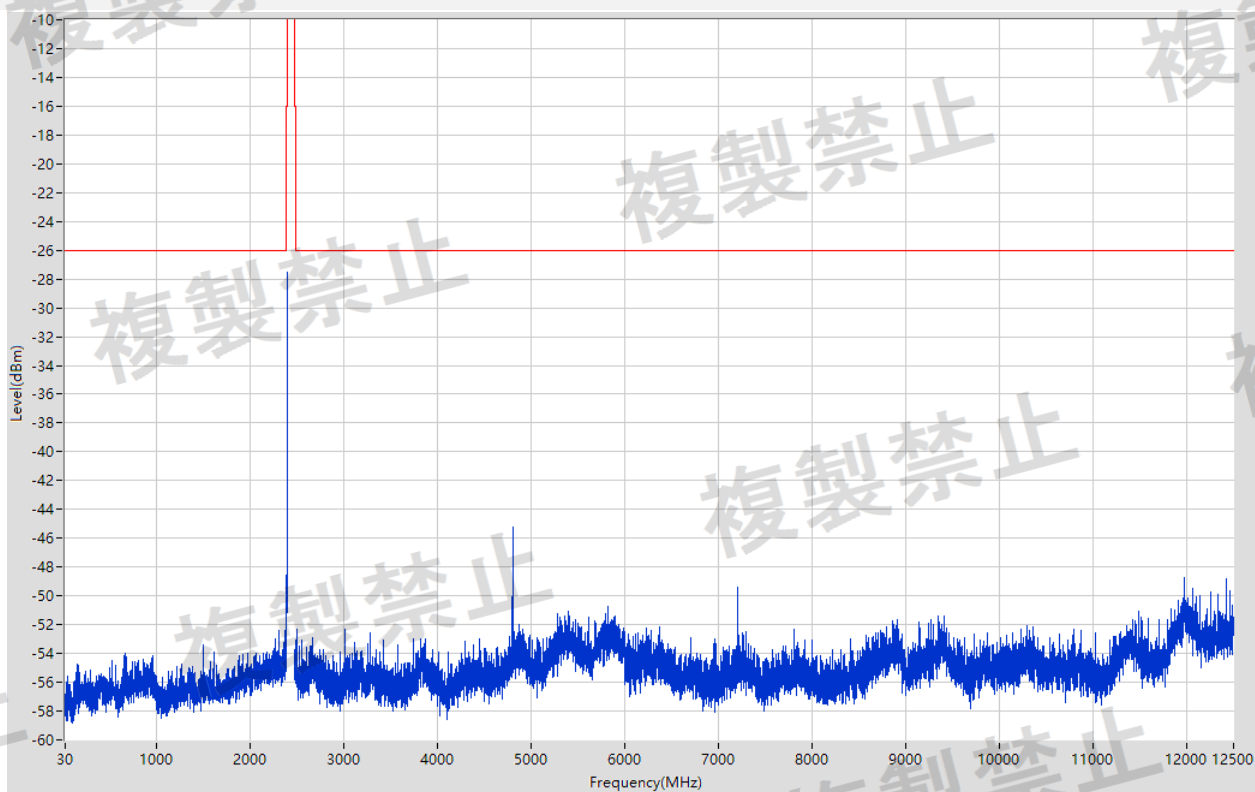
A.4.18 GFSK (BLE 2Mbps) NV High Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	868	-53.92	0.004	2.5	Pass
1000	2374	1	Peak	2197	-52.87	0.005	2.5	Pass
2374	2387	1	Peak	2382.873	-53.27	0.005	2.5	Pass
2387	2400	1	Peak	2387.65	-52.91	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.5	-48.86	0.013	25	Pass
2496.5	2509.5	1	Peak	2502.513	-52.95	0.005	2.5	Pass
2509.5	6000	1	Peak	5871.982	-50.76	0.008	2.5	Pass
6000	12500	1	Peak	12014	-48.98	0.013	2.5	Pass

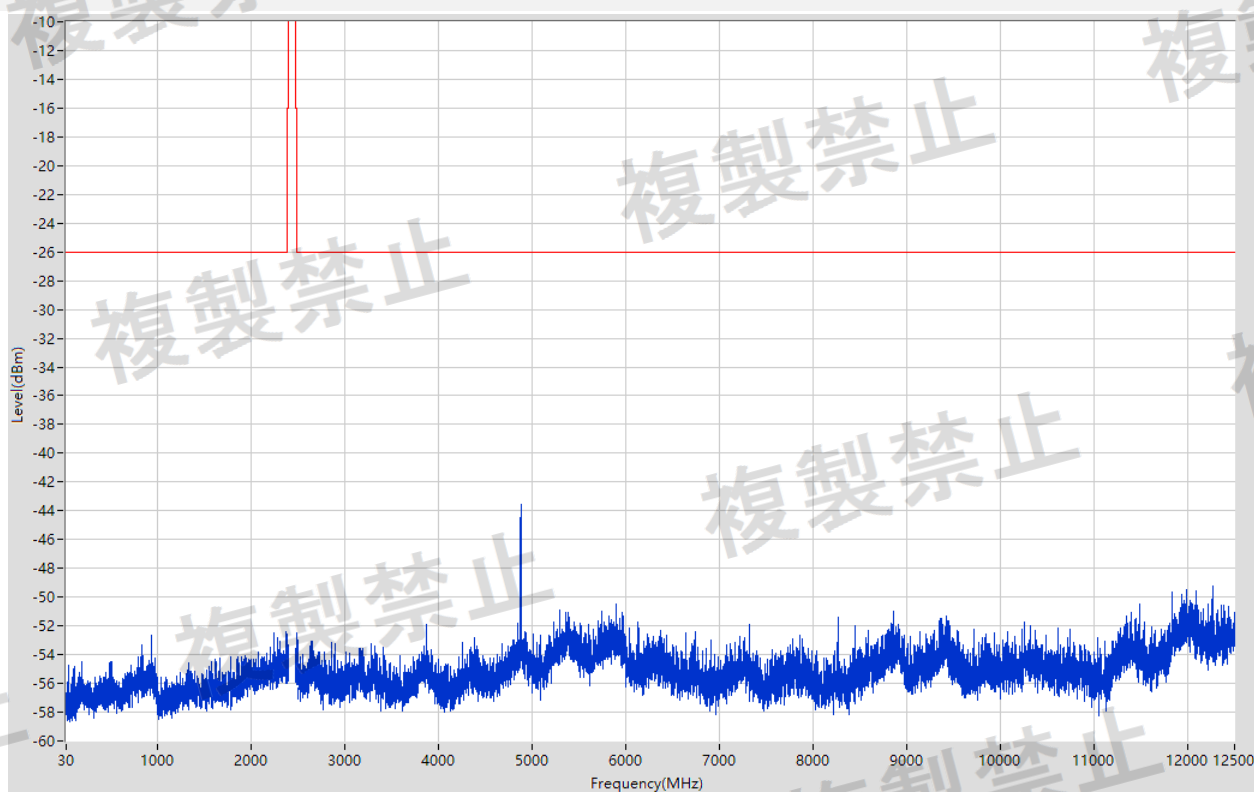
Right Ear

A.4.19 GFSK NV Low Channel



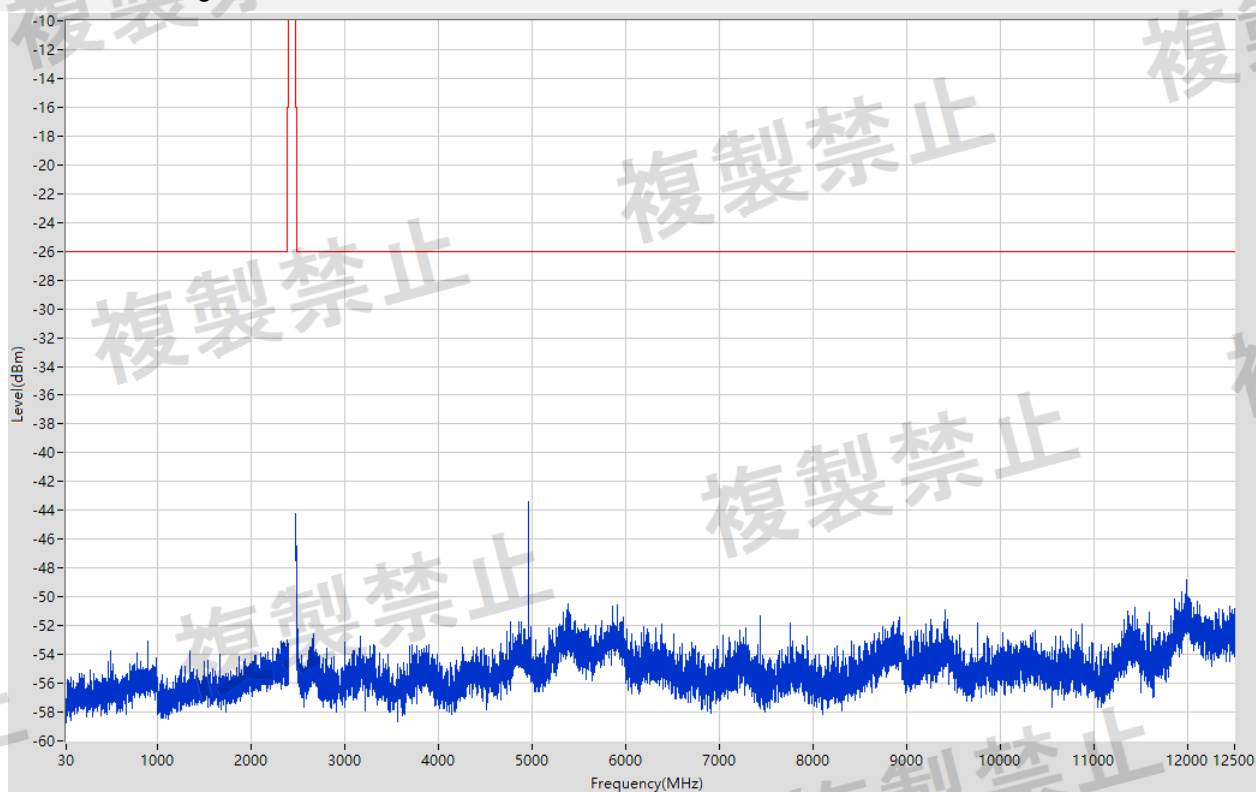
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	669	-54.02	0.004	2.5	Pass
1000	2374	1	Peak	2306	-52.4	0.006	2.5	Pass
2374	2387	1	Peak	2386.643	-51.81	0.007	2.5	Pass
2387	2400	1	Peak	2400	-27.55	1.758	25	Pass
2483.5	2496.5	1	Peak	2488.505	-53.07	0.005	25	Pass
2496.5	2509.5	1	Peak	2504.983	-52.33	0.006	2.5	Pass
2509.5	6000	1	Peak	4804.829	-45.24	0.030	2.5	Pass
6000	12500	1	Peak	11977	-48.76	0.013	2.5	Pass

A.4.20 GFSK NV Middle Channel

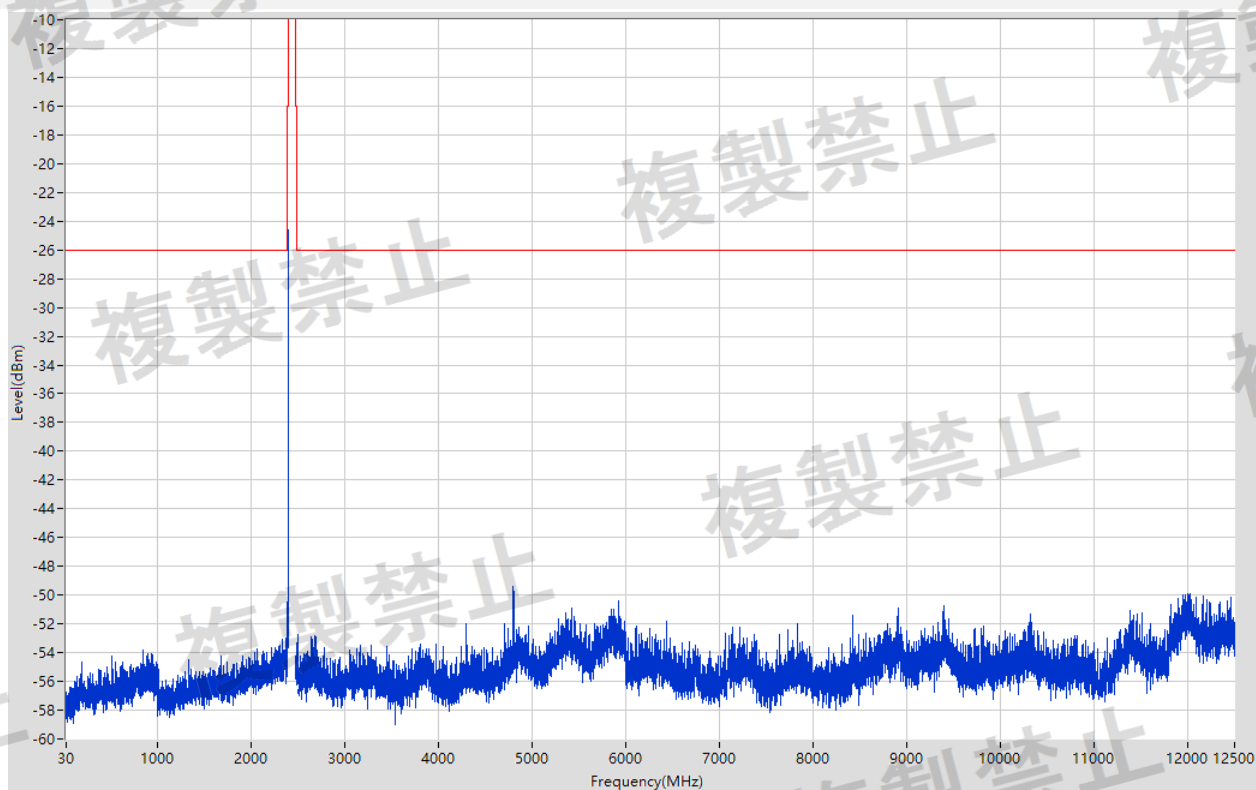


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	935	-52.64	0.005	2.5	Pass
1000	2374	1	Peak	2250	-52.47	0.006	2.5	Pass
2374	2387	1	Peak	2376.665	-52.38	0.006	2.5	Pass
2387	2400	1	Peak	2392.818	-52.59	0.006	25	Pass
2483.5	2496.5	1	Peak	2494.55	-52.45	0.006	25	Pass
2496.5	2509.5	1	Peak	2500.758	-53	0.005	2.5	Pass
2509.5	6000	1	Peak	4882.84	-43.53	0.044	2.5	Pass
6000	12500	1	Peak	12274	-49.2	0.012	2.5	Pass

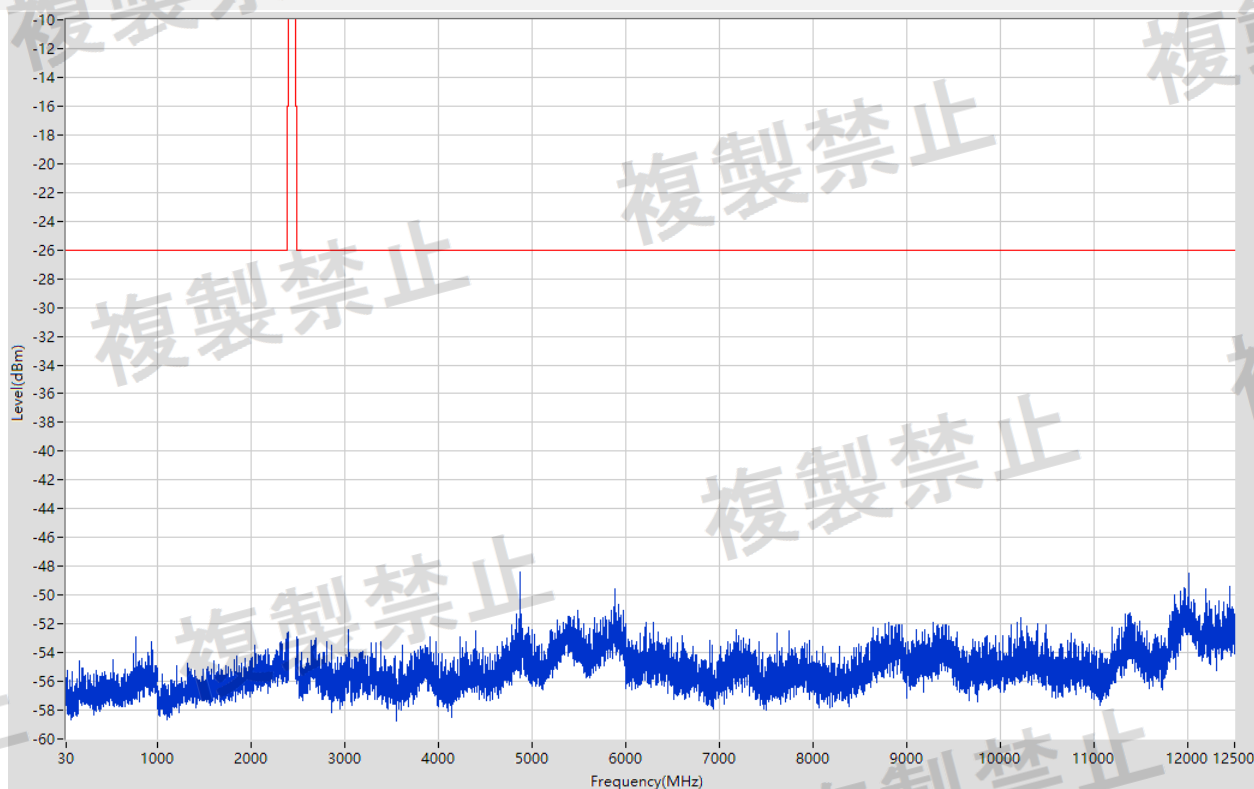
A.4.21 GFSK NV High Channel



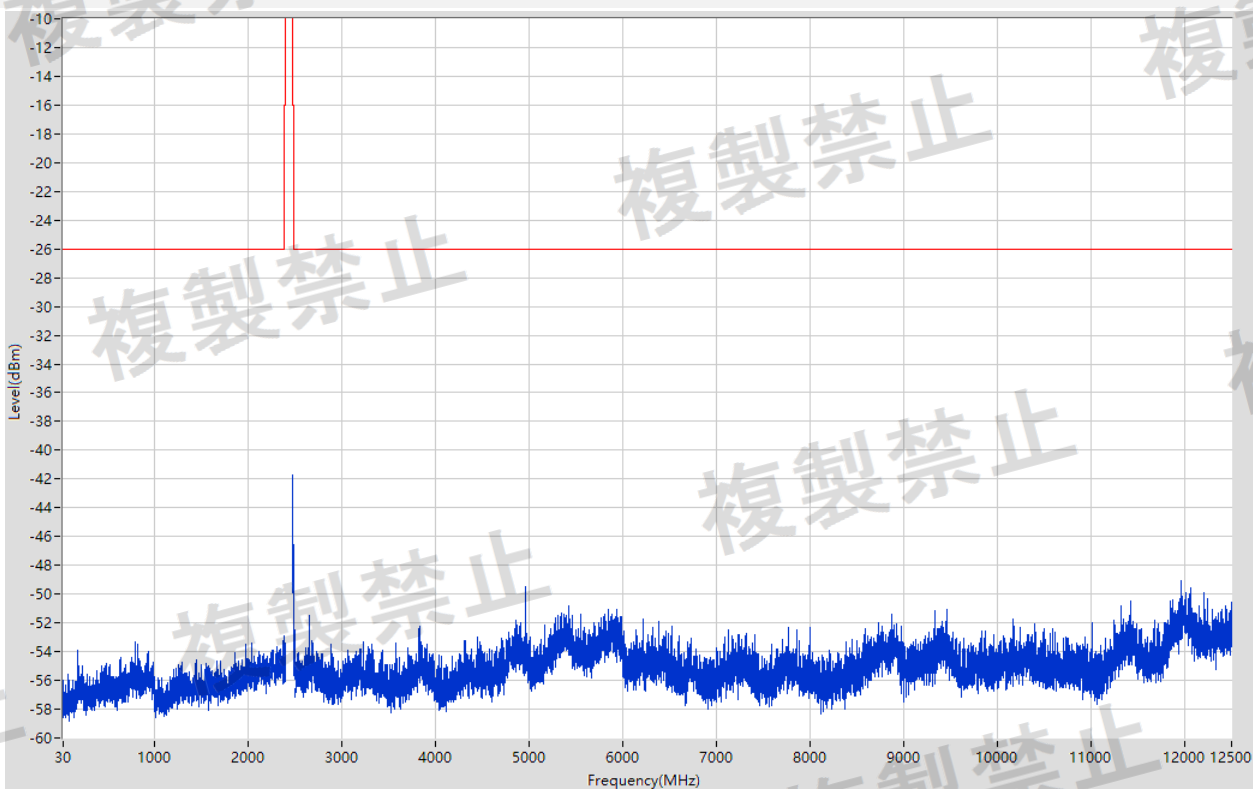
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	902	-53.03	0.005	2.5	Pass
1000	2374	1	Peak	2322	-53.11	0.005	2.5	Pass
2374	2387	1	Peak	2382.125	-52.99	0.005	2.5	Pass
2387	2400	1	Peak	2396.783	-53.23	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.533	-44.24	0.038	25	Pass
2496.5	2509.5	1	Peak	2496.89	-52.16	0.006	2.5	Pass
2509.5	6000	1	Peak	4959.851	-43.39	0.046	2.5	Pass
6000	12500	1	Peak	11982	-48.81	0.013	2.5	Pass

A.4.22 $\pi/4$ -DQPSK NV Low Channel

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	848	-53.83	0.004	2.5	Pass
1000	2374	1	Peak	2335	-53.1	0.005	2.5	Pass
2374	2387	1	Peak	2376.47	-52.99	0.005	2.5	Pass
2387	2400	1	Peak	2400	-24.58	3.484	25	Pass
2483.5	2496.5	1	Peak	2491.983	-53.36	0.005	25	Pass
2496.5	2509.5	1	Peak	2498.905	-52.71	0.005	2.5	Pass
2509.5	6000	1	Peak	4803.829	-49.4	0.011	2.5	Pass
6000	12500	1	Peak	12024	-49.9	0.010	2.5	Pass

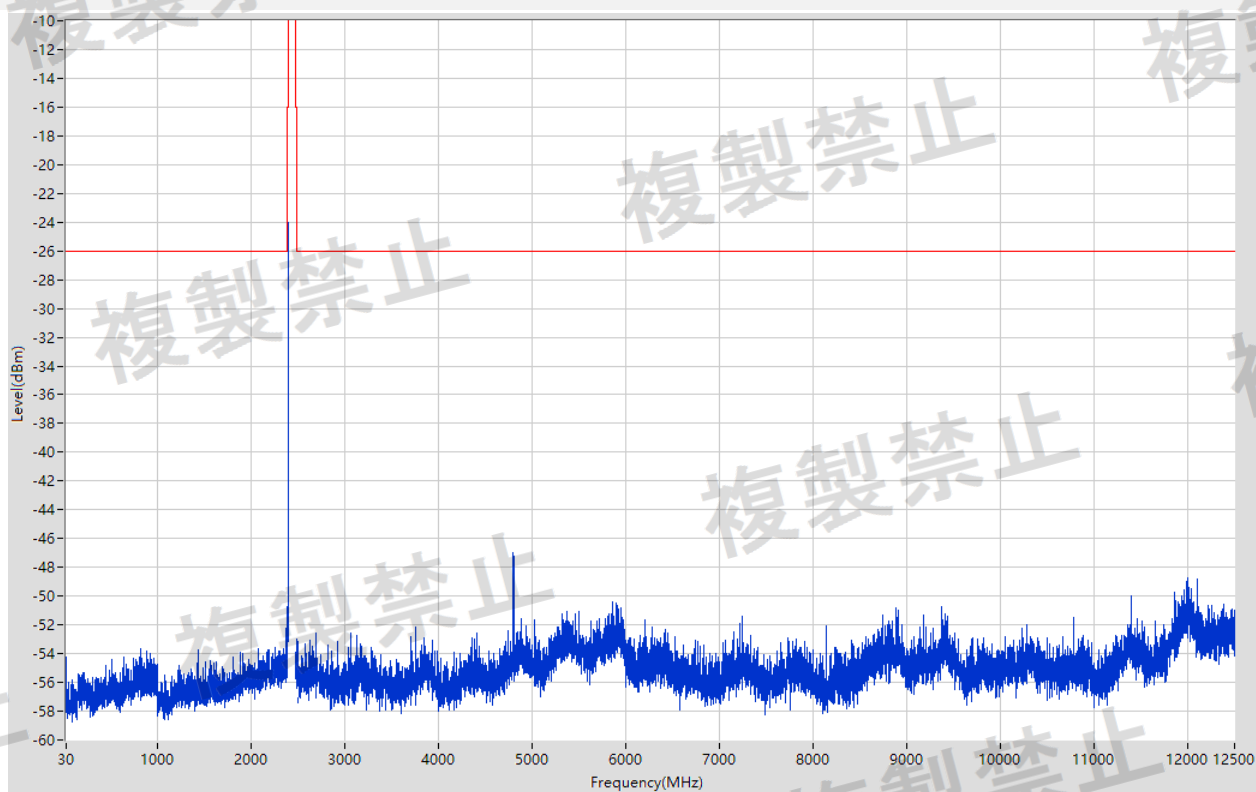
A.4.23 $\pi/4$ -DQPSK NV Middle Channel

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	770	-52.93	0.005	2.5	Pass
1000	2374	1	Peak	2322	-53.22	0.005	2.5	Pass
2374	2387	1	Peak	2376.99	-53.06	0.005	2.5	Pass
2387	2400	1	Peak	2397.433	-52.59	0.006	25	Pass
2483.5	2496.5	1	Peak	2486.945	-52.91	0.005	25	Pass
2496.5	2509.5	1	Peak	2503.553	-53.06	0.005	2.5	Pass
2509.5	6000	1	Peak	4879.84	-48.37	0.015	2.5	Pass
6000	12500	1	Peak	12007	-48.45	0.014	2.5	Pass

A.4.24 $\pi/4$ -DQPSK NV High Channel

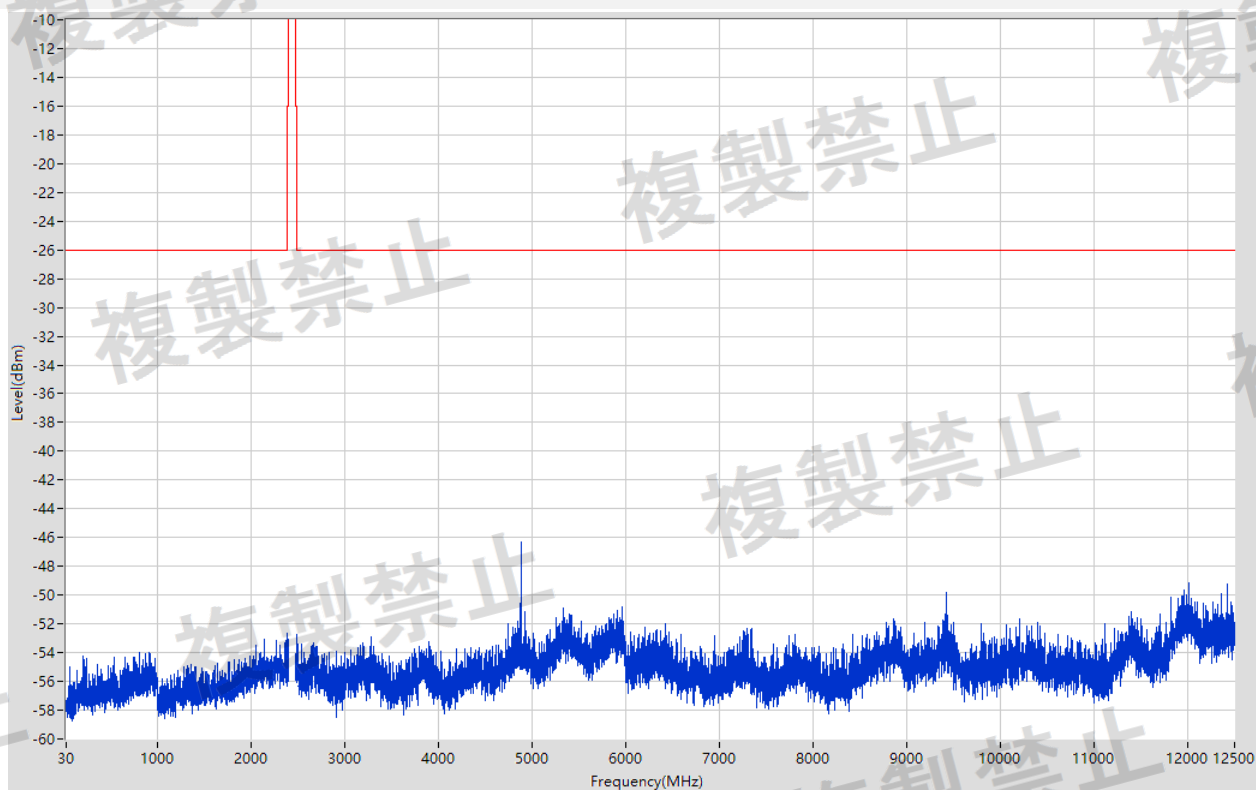
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μ W/MHz)	Limit (μ W/MHz)	Verdict
30	1000	1	Peak	800	-53.36	0.005	2.5	Pass
1000	2374	1	Peak	2048	-53.42	0.005	2.5	Pass
2374	2387	1	Peak	2385.798	-52.93	0.005	2.5	Pass
2387	2400	1	Peak	2394.053	-53.35	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.5	-41.76	0.067	25	Pass
2496.5	2509.5	1	Peak	2502.415	-52.51	0.006	2.5	Pass
2509.5	6000	1	Peak	4959.851	-49.52	0.011	2.5	Pass
6000	12500	1	Peak	11963	-49.07	0.012	2.5	Pass

A.4.25 8-DPSK NV Low Channel



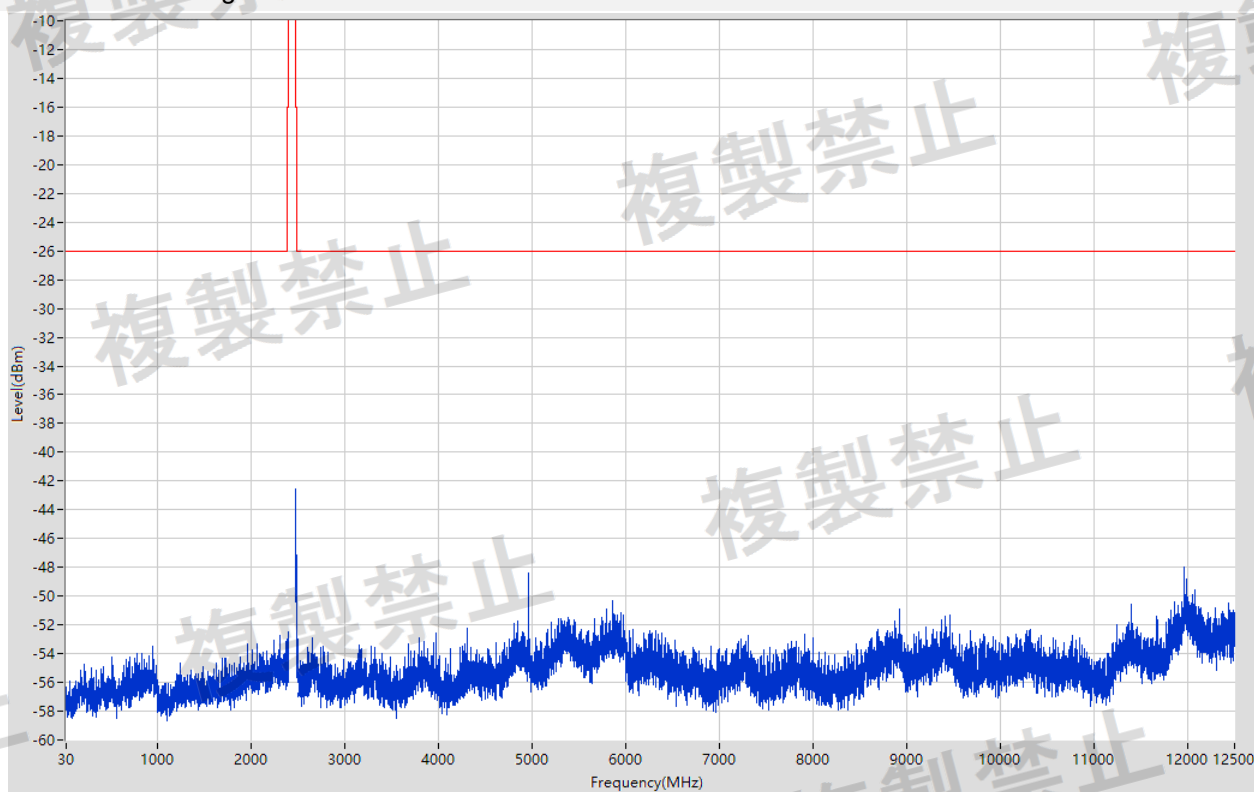
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	819	-53.65	0.004	2.5	Pass
1000	2374	1	Peak	2374	-53.05	0.005	2.5	Pass
2374	2387	1	Peak	2377.25	-52.28	0.006	2.5	Pass
2387	2400	1	Peak	2400	-24.02	3.959	25	Pass
2483.5	2496.5	1	Peak	2494.973	-53.01	0.005	25	Pass
2496.5	2509.5	1	Peak	2507.258	-53.12	0.005	2.5	Pass
2509.5	6000	1	Peak	4803.829	-46.96	0.020	2.5	Pass
6000	12500	1	Peak	12005	-48.74	0.013	2.5	Pass

A.4.26 8-DPSK NV Middle Channel



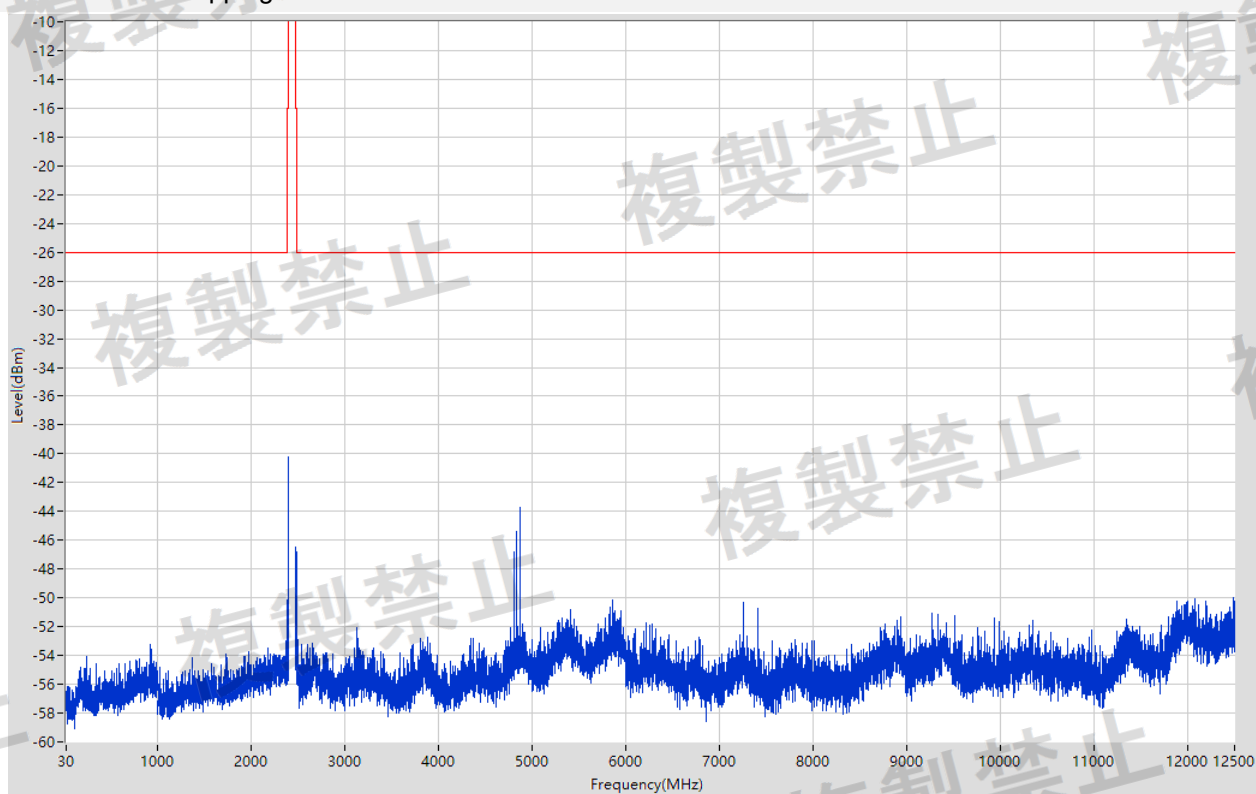
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	910	-53.95	0.004	2.5	Pass
1000	2374	1	Peak	2139	-53.08	0.005	2.5	Pass
2374	2387	1	Peak	2386.773	-52.83	0.005	2.5	Pass
2387	2400	1	Peak	2393.338	-52.66	0.005	25	Pass
2483.5	2496.5	1	Peak	2495.038	-52.76	0.005	25	Pass
2496.5	2509.5	1	Peak	2505.568	-53.39	0.005	2.5	Pass
2509.5	6000	1	Peak	4881.84	-46.33	0.023	2.5	Pass
6000	12500	1	Peak	12018	-49.11	0.012	2.5	Pass

A.4.27 8-DPSK NV High Channel

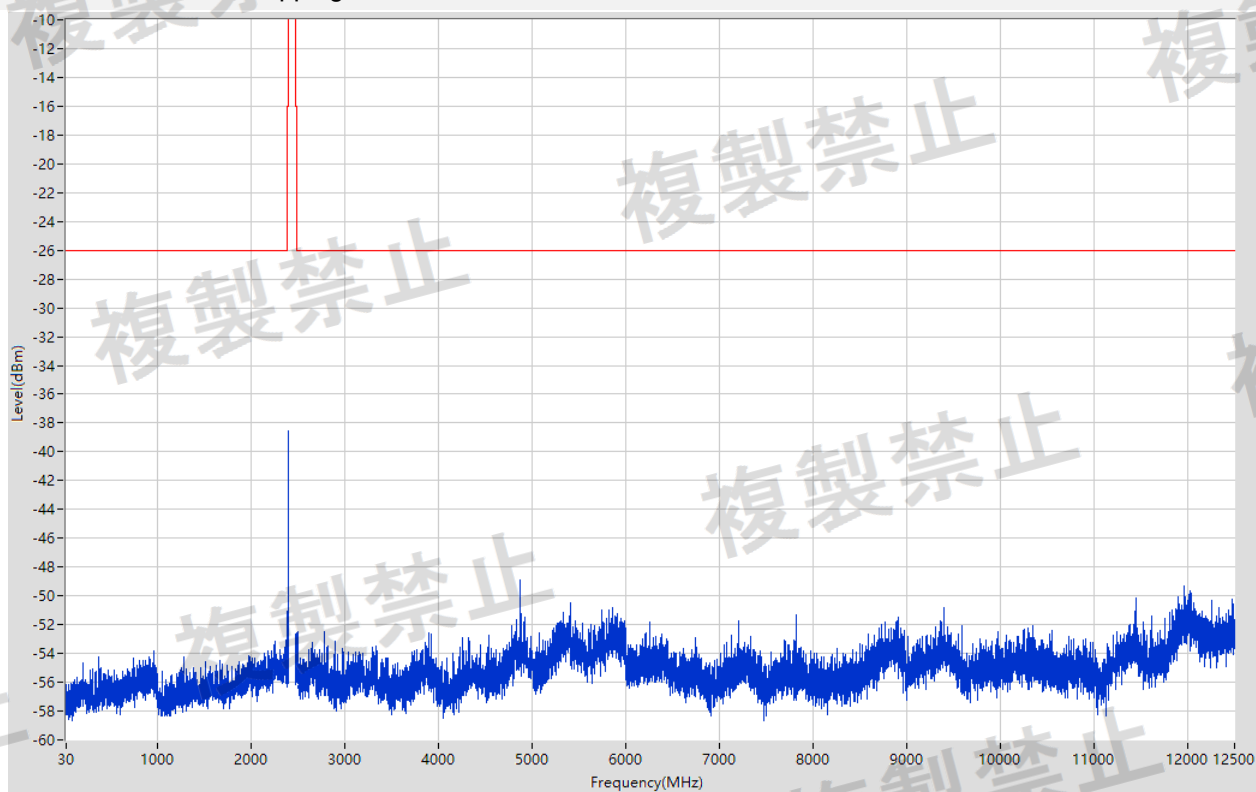


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	958	-53.52	0.004	2.5	Pass
1000	2374	1	Peak	2315	-52.75	0.005	2.5	Pass
2374	2387	1	Peak	2378.095	-53.16	0.005	2.5	Pass
2387	2400	1	Peak	2396.783	-52.52	0.006	25	Pass
2483.5	2496.5	1	Peak	2483.565	-42.54	0.056	25	Pass
2496.5	2509.5	1	Peak	2507.713	-53	0.005	2.5	Pass
2509.5	6000	1	Peak	4959.851	-48.37	0.015	2.5	Pass
6000	12500	1	Peak	11965	-47.97	0.016	2.5	Pass

A.4.28 GFSK NV Hopping

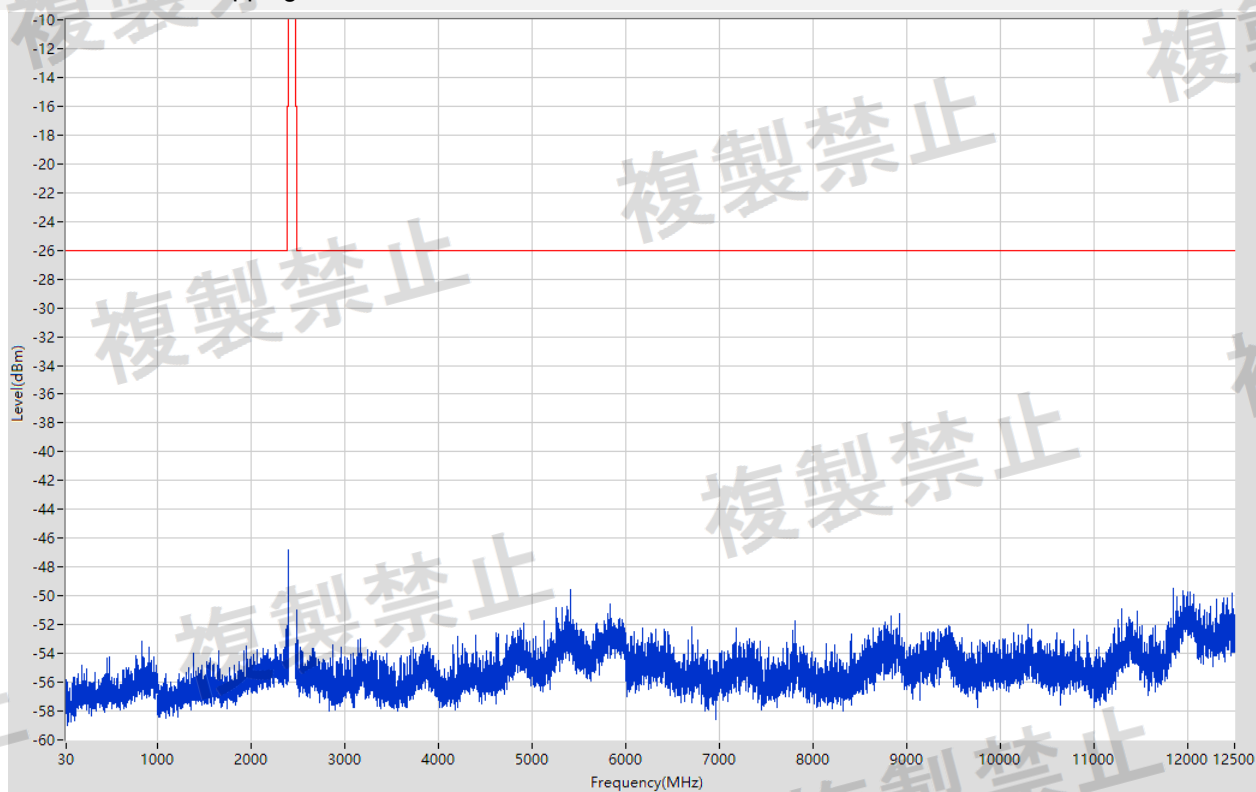


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	924	-53.27	0.005	2.5	Pass
1000	2374	1	Peak	2179	-53.49	0.004	2.5	Pass
2374	2387	1	Peak	2380.565	-53.01	0.005	2.5	Pass
2387	2400	1	Peak	2398.375	-40.19	0.096	25	Pass
2483.5	2496.5	1	Peak	2483.728	-46.48	0.022	25	Pass
2496.5	2509.5	1	Peak	2507.42	-52.91	0.005	2.5	Pass
2509.5	6000	1	Peak	4875.839	-43.73	0.042	2.5	Pass
6000	12500	1	Peak	12493	-50.02	0.010	2.5	Pass

A.4.29 $\pi/4$ -DQPSK NV Hopping

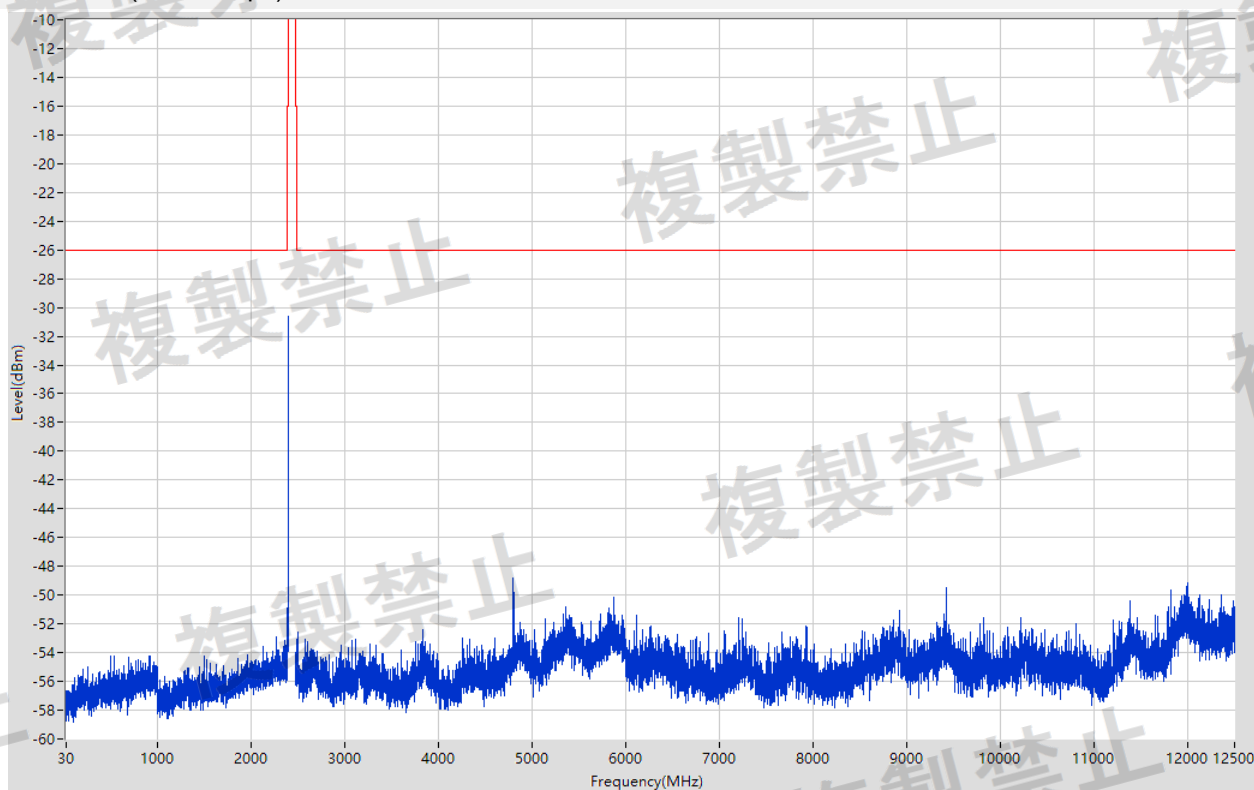
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	969	-53.82	0.004	2.5	Pass
1000	2374	1	Peak	2264	-53.14	0.005	2.5	Pass
2374	2387	1	Peak	2378.778	-53.05	0.005	2.5	Pass
2387	2400	1	Peak	2399.513	-38.51	0.141	25	Pass
2483.5	2496.5	1	Peak	2491.82	-52.57	0.006	25	Pass
2496.5	2509.5	1	Peak	2508.233	-52.45	0.006	2.5	Pass
2509.5	6000	1	Peak	4879.84	-48.9	0.013	2.5	Pass
6000	12500	1	Peak	11964	-49.35	0.012	2.5	Pass

A.4.30 8-DPSK NV Hopping



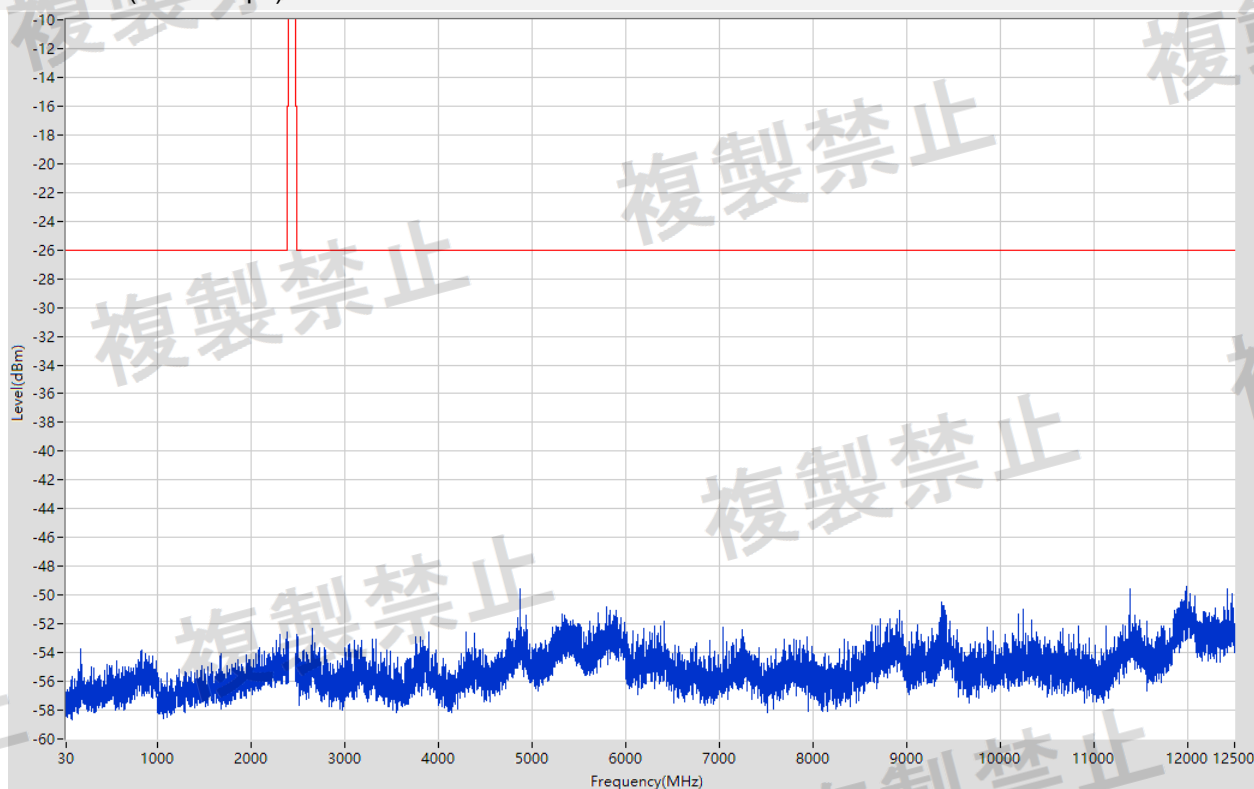
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	833	-53.16	0.005	2.5	Pass
1000	2374	1	Peak	2264	-53.42	0.005	2.5	Pass
2374	2387	1	Peak	2380.468	-52.32	0.006	2.5	Pass
2387	2400	1	Peak	2398.928	-46.79	0.021	25	Pass
2483.5	2496.5	1	Peak	2485.028	-50.95	0.008	25	Pass
2496.5	2509.5	1	Peak	2499.1	-53.1	0.005	2.5	Pass
2509.5	6000	1	Peak	5411.916	-49.58	0.011	2.5	Pass
6000	12500	1	Peak	11842	-49.47	0.011	2.5	Pass

A.4.31 GFSK (BLE 1Mbps) NV Low Channel



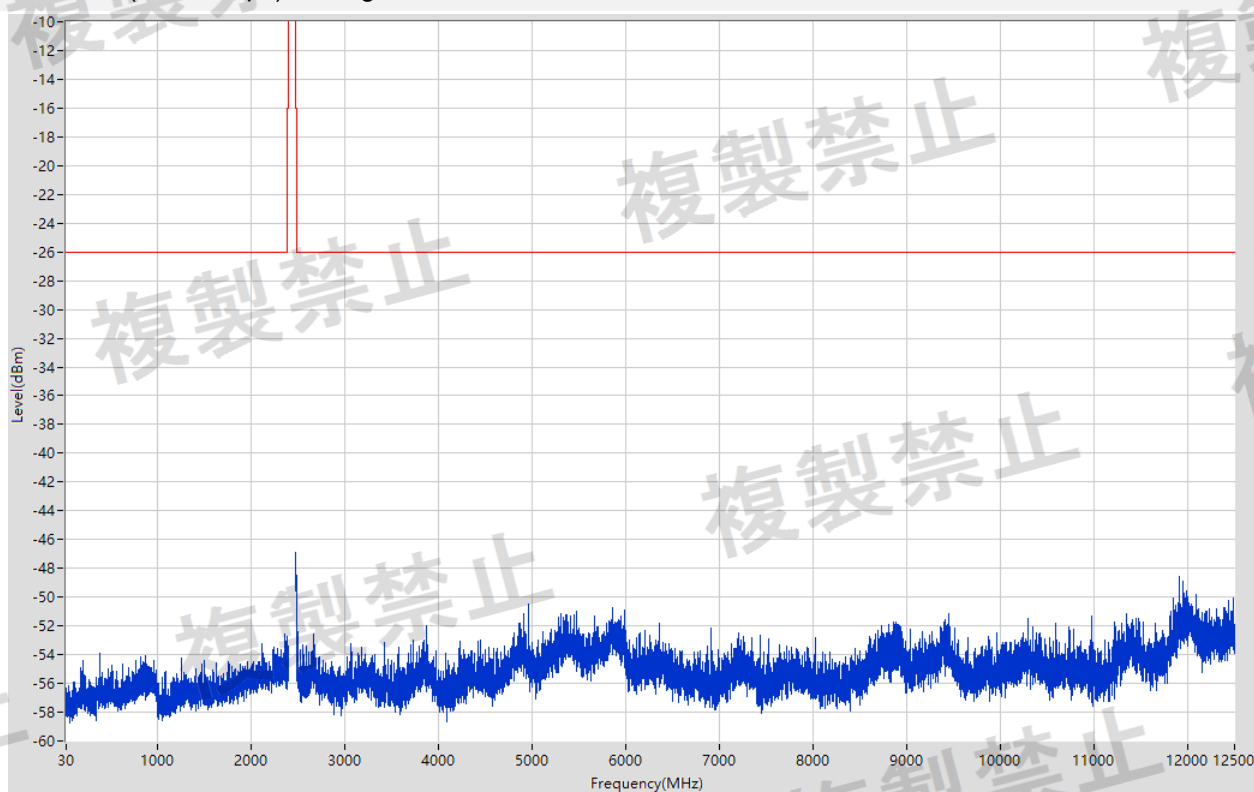
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	504	-54.22	0.004	2.5	Pass
1000	2374	1	Peak	2267	-52.88	0.005	2.5	Pass
2374	2387	1	Peak	2386.025	-52.93	0.005	2.5	Pass
2387	2400	1	Peak	2400	-30.58	0.874	25	Pass
2483.5	2496.5	1	Peak	2486.1	-53.04	0.005	25	Pass
2496.5	2509.5	1	Peak	2506.803	-52.61	0.005	2.5	Pass
2509.5	6000	1	Peak	4803.829	-48.81	0.013	2.5	Pass
6000	12500	1	Peak	12002	-49.12	0.012	2.5	Pass

A.4.32 GFSK (BLE 1Mbps) NV Middle Channel



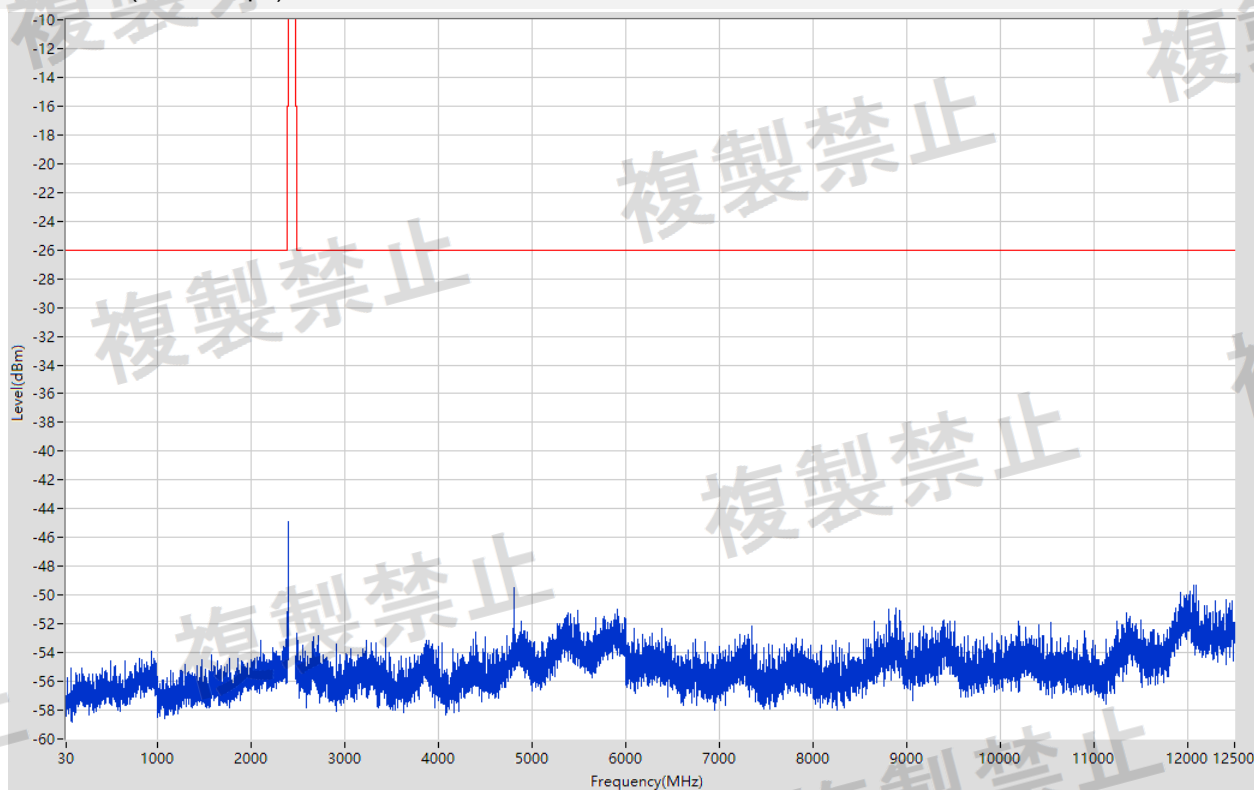
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	178	-53.78	0.004	2.5	Pass
1000	2374	1	Peak	2306	-52.75	0.005	2.5	Pass
2374	2387	1	Peak	2383.62	-52.55	0.006	2.5	Pass
2387	2400	1	Peak	2391.388	-52.83	0.005	25	Pass
2483.5	2496.5	1	Peak	2488.083	-52.74	0.005	25	Pass
2496.5	2509.5	1	Peak	2502.61	-52.88	0.005	2.5	Pass
2509.5	6000	1	Peak	4879.84	-49.56	0.011	2.5	Pass
6000	12500	1	Peak	11981	-49.38	0.012	2.5	Pass

A.4.33 GFSK (BLE 1Mbps) NV High Channel



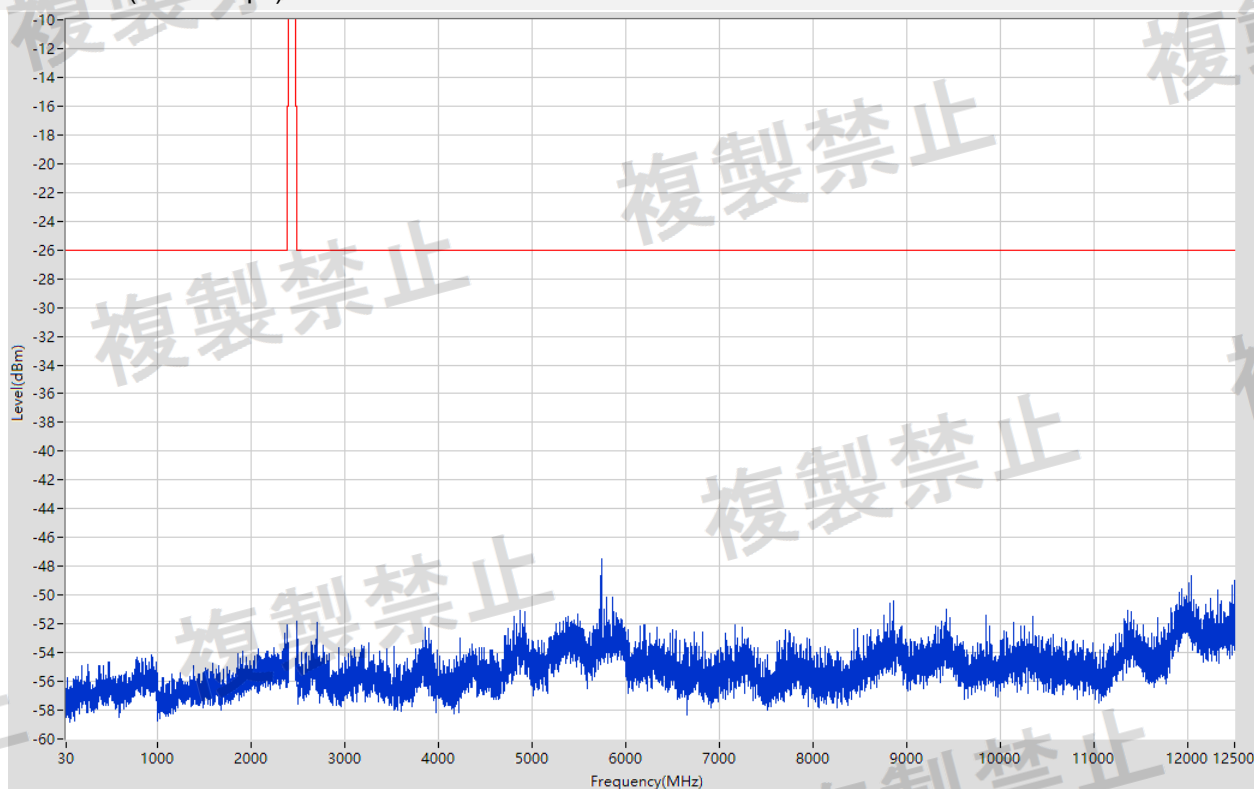
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	386	-53.88	0.004	2.5	Pass
1000	2374	1	Peak	2365	-52.59	0.006	2.5	Pass
2374	2387	1	Peak	2384.433	-52.71	0.005	2.5	Pass
2387	2400	1	Peak	2398.278	-53.4	0.005	25	Pass
2483.5	2496.5	1	Peak	2483.565	-46.88	0.021	25	Pass
2496.5	2509.5	1	Peak	2499.458	-52.41	0.006	2.5	Pass
2509.5	6000	1	Peak	4960.851	-50.51	0.009	2.5	Pass
6000	12500	1	Peak	11906	-48.58	0.014	2.5	Pass

A.4.34 GFSK (BLE 2Mbps) NV Low Channel



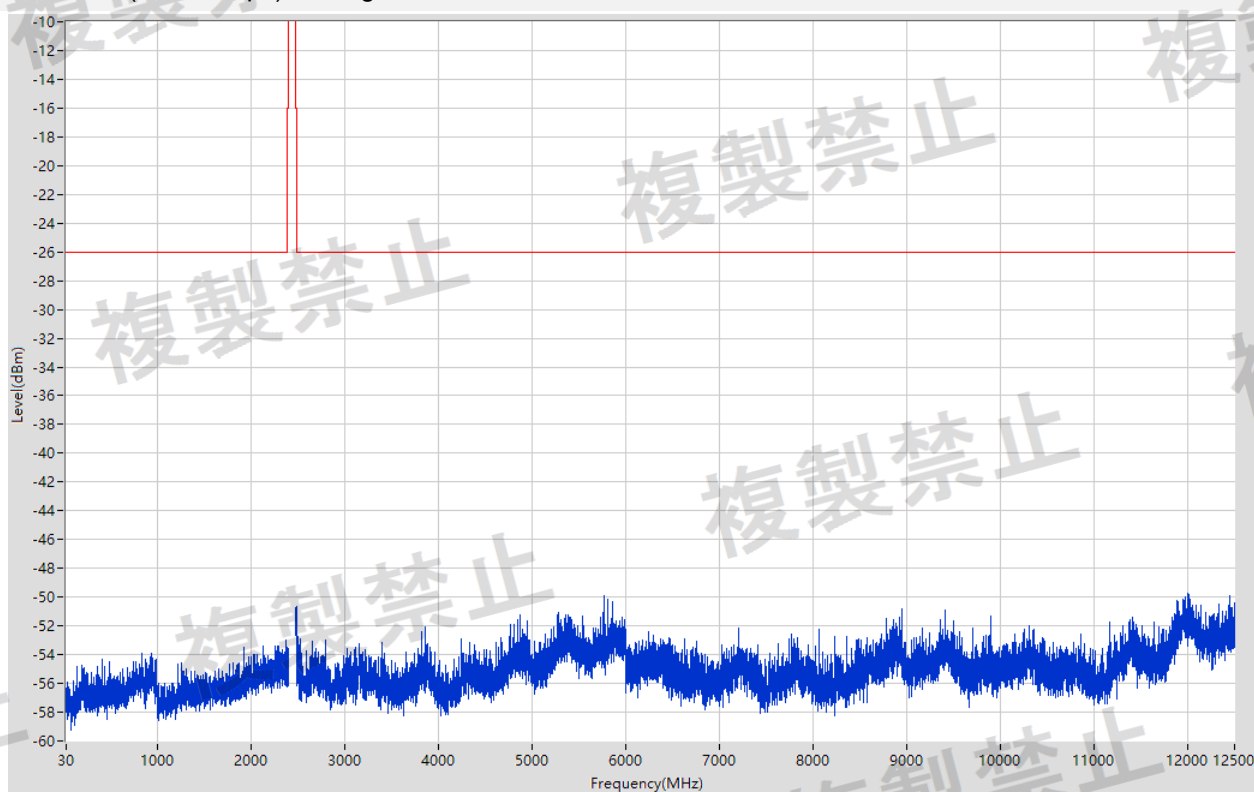
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	946	-53.91	0.004	2.5	Pass
1000	2374	1	Peak	2107	-53.13	0.005	2.5	Pass
2374	2387	1	Peak	2380.89	-53.05	0.005	2.5	Pass
2387	2400	1	Peak	2399.935	-44.85	0.033	25	Pass
2483.5	2496.5	1	Peak	2486.295	-52.68	0.005	25	Pass
2496.5	2509.5	1	Peak	2498.288	-53.18	0.005	2.5	Pass
2509.5	6000	1	Peak	4806.829	-49.45	0.011	2.5	Pass
6000	12500	1	Peak	12068	-49.32	0.012	2.5	Pass

A.4.35 GFSK (BLE 2Mbps) NV Middle Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	936	-54.15	0.004	2.5	Pass
1000	2374	1	Peak	2368	-52.66	0.005	2.5	Pass
2374	2387	1	Peak	2381.638	-53.37	0.005	2.5	Pass
2387	2400	1	Peak	2392.525	-52.1	0.006	25	Pass
2483.5	2496.5	1	Peak	2487.303	-51.81	0.007	25	Pass
2496.5	2509.5	1	Peak	2500.368	-53.04	0.005	2.5	Pass
2509.5	6000	1	Peak	5739.963	-47.48	0.018	2.5	Pass
6000	12500	1	Peak	12039	-48.68	0.014	2.5	Pass

A.4.36 GFSK (BLE 2Mbps) NV High Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm/MHz)	Power (μW/MHz)	Limit (μW/MHz)	Verdict
30	1000	1	Peak	943	-53.87	0.004	2.5	Pass
1000	2374	1	Peak	2131	-53.38	0.005	2.5	Pass
2374	2387	1	Peak	2376.34	-52.98	0.005	2.5	Pass
2387	2400	1	Peak	2399.253	-53.57	0.004	25	Pass
2483.5	2496.5	1	Peak	2489.318	-50.61	0.009	25	Pass
2496.5	2509.5	1	Peak	2505.275	-52.77	0.005	2.5	Pass
2509.5	6000	1	Peak	5766.967	-49.88	0.010	2.5	Pass
6000	12500	1	Peak	12002	-49.72	0.011	2.5	Pass

A.5 Antenna Power Error Measurement

Note: Antenna Power has added the duty cycle factor.

Left Ear

GFSK Test Result

Duty cycle = 0.771

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.3500 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
GFSK	NV	12.23	16.7109	0.2337	-33.23%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
GFSK	NV	-8.20	6.91	Pass

$\pi/4$ -DQPSK Test Result

Duty cycle = 0.771

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.1000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
$\pi/4$ -DQPSK	NV	6.37	4.3351	0.0607	-39.33%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
$\pi/4$ -DQPSK	NV	-14.06	6.91	Pass

8-DPSK Test Result

Duty cycle = 0.769

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.1000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
8-DPSK	NV	6.63	4.6026	0.0644	-35.63%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
8-DPSK	NV	-13.80	6.91	Pass

GFSK (AFH Mode) Test Result

Duty cycle = 0.771

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 1.2000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
GFSK	NV	11.75	14.9624	0.8049	-32.92%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
GFSK	NV	-2.83	6.91	Pass

$\pi/4$ -DQPSK (AFH Mode) Test Result

Duty cycle = 0.771

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.3000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
$\pi/4$ -DQPSK	NV	5.91	3.8994	0.2102	-29.93%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
$\pi/4$ -DQPSK	NV	-8.66	6.91	Pass

8-DPSK (AFH Mode) Test Result

Duty cycle = 0.769

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.3000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
8-DPSK	NV	6.11	4.0832	0.2194	-26.85%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
8-DPSK	NV	-8.48	6.91	Pass

GFSK (BLE 1Mbps) Test Result

Duty cycle = 0.638

Manufacturer declares the rated power = 6.0000 mW

Test Channel	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Error	Upper Limit (%)	Verdict
Low	NV	5.92	3.9057	-34.90%	20	Pass
Middle		5.95	3.9319	-34.47%	20	Pass
High		5.70	3.7162	-38.06%	20	Pass

EIRP Antenna Power

Channel	Test Voltage	Frequency (MHz)	Measured EIRP (dBm)	Limit (dBm)	Verdict
Low	NV	2402	4.03	12.14	Pass
Middle		2440	4.06		Pass
High		2480	3.81		Pass

GFSK (BLE 2Mbps) Test Result

Duty cycle = 0.315

Manufacturer declares the rated power = 6.0000 mW

Test Channel	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Error	Upper Limit (%)	Verdict
Low	NV	6.35	4.3152	-28.08%	20	Pass
Middle		6.25	4.2121	-29.80%	20	Pass
High		6.05	4.0244	-32.93%	20	Pass

EIRP Antenna Power

Channel	Test Voltage	Frequency (MHz)	Measured EIRP (dBm)	Limit (dBm)	Verdict
Low	NV	2404	4.46	12.14	Pass
Middle		2440	4.36		Pass
High		2478	4.16		Pass

Right EarGFSK Test Result

Duty cycle = 0.767

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.3500 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
GFSK	NV	11.84	15.2757	0.2136	-38.97%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
GFSK	NV	-8.34	6.91	Pass

 $\pi/4$ -DQPSK Test Result

Duty cycle = 0.769

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.1000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
$\pi/4$ -DQPSK	NV	6.02	3.9994	0.0559	-44.09%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
$\pi/4$ -DQPSK	NV	-14.17	6.91	Pass

8-DPSK Test Result

Duty cycle = 0.769

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.1000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
8-DPSK	NV	5.95	3.9355	0.0549	-45.09%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
8-DPSK	NV	-14.24	6.91	Pass

GFSK (AFH Mode) Test Result

Duty cycle = 0.767

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 1.2000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
GFSK	NV	11.36	13.6773	0.7361	-38.66%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
GFSK	NV	-2.97	6.91	Pass

$\pi/4$ -DQPSK (AFH Mode) Test Result

Duty cycle = 0.769

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.3000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
$\pi/4$ -DQPSK	NV	5.57	3.6058	0.1937	-35.44%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
$\pi/4$ -DQPSK	NV	-8.77	6.91	Pass

8-DPSK (AFH Mode) Test Result

Duty cycle = 0.769

Antenna Power Density PD = Antenna Power mW / Spread Spectrum Bandwidth MHz

Manufacturer declares the rated power density = 0.3000 mW/MHz

Test Mode	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Density PD (mW / MHz)	Antenna Power Error	Upper Limit (%)	Verdict
8-DPSK	NV	5.62	3.6475	0.1959	-34.69%	20	Pass

EIRP Antenna Power

Test Mode	Test Voltage	Measured EIRP (dBm/ MHz)	Limit (dBm/MHz)	Verdict
8-DPSK	NV	-8.72	6.91	Pass

GFSK (BLE 1Mbps) Test Result

Duty cycle = 0.638

Manufacturer declares the rated power = 6.0000 mW

Test Channel	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Error	Upper Limit (%)	Verdict
Low	NV	5.51	3.5555	-40.74%	20	Pass
Middle		5.29	3.3830	-43.62%	20	Pass
High		4.91	3.0996	-48.34%	20	Pass

EIRP Antenna Power

Channel	Test Voltage	Frequency (MHz)	Measured EIRP (dBm)	Limit (dBm)	Verdict
Low	NV	2402	3.87	12.14	Pass
Middle		2440	3.65		Pass
High		2480	3.27		Pass

GFSK (BLE 2Mbps) Test Result

Duty cycle = 0.315

Manufacturer declares the rated power = 6.0000 mW

Test Channel	Test Voltage	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Error	Upper Limit (%)	Verdict
Low	NV	5.84	3.8388	-36.02%	20	Pass
Middle		5.50	3.5514	-40.81%	20	Pass
High		5.23	3.3350	-44.42%	20	Pass

EIRP Antenna Power

Channel	Test Voltage	Frequency (MHz)	Measured EIRP (dBm)	Limit (dBm)	Verdict
Low	NV	2404	4.20	12.14	Pass
Middle		2440	3.86		Pass
High		2478	3.59		Pass

A.6 Limitation of Collateral Emission of Receiver Measurement

Test Data

Left Ear

Mode	Test Voltage	Channel	Refer to Plot	Verdict
GFSK	NV	Low	A.6.1	Pass
		Middle	A.6.2	Pass
		High	A.6.3	Pass
$\pi/4$ -DQPSK	NV	Low	A.6.4	Pass
		Middle	A.6.5	Pass
		High	A.6.6	Pass
8-DPSK	NV	Low	A.6.7	Pass
		Middle	A.6.8	Pass
		High	A.6.9	Pass
GFSK	NV	Hopping	A.6.10	Pass
$\pi/4$ -DQPSK			A.6.11	Pass
8-DPSK			A.6.12	Pass
GFSK (BLE 1Mbps)	NV	Low	A.6.13	Pass
		Middle	A.6.14	Pass
		High	A.6.15	Pass
GFSK (BLE 2Mbps)	NV	Low	A.6.16	Pass
		Middle	A.6.17	Pass
		High	A.6.18	Pass

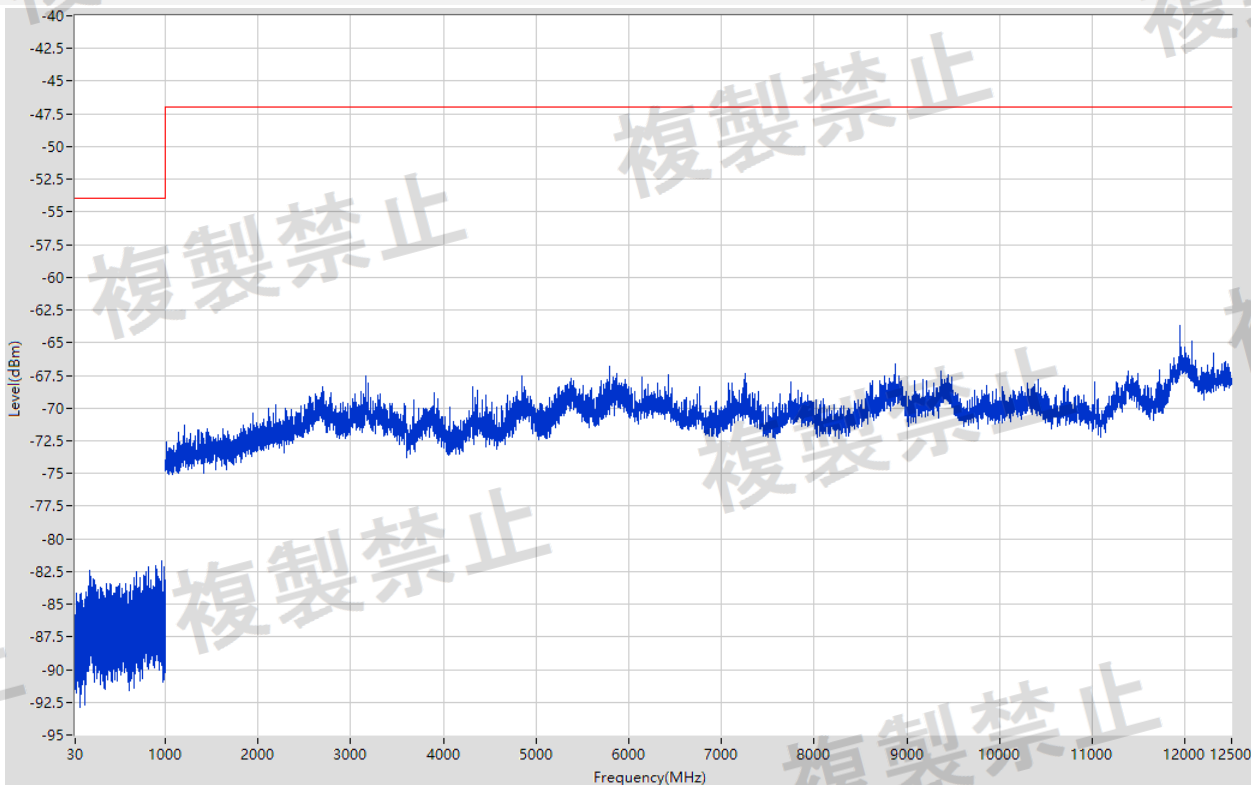
Right Ear

Mode	Test Voltage	Channel	Refer to Plot	Verdict
GFSK	NV	Low	A.6.19	Pass
		Middle	A.6.20	Pass
		High	A.6.21	Pass
$\pi/4$ -DQPSK	NV	Low	A.6.22	Pass
		Middle	A.6.23	Pass
		High	A.6.24	Pass
8-DPSK	NV	Low	A.6.25	Pass
		Middle	A.6.26	Pass
		High	A.6.27	Pass
GFSK	NV	Hopping	A.6.28	Pass
$\pi/4$ -DQPSK			A.6.29	Pass
8-DPSK			A.6.30	Pass
GFSK (BLE 1Mbps)	NV	Low	A.6.31	Pass
		Middle	A.6.32	Pass
		High	A.6.33	Pass
GFSK (BLE 2Mbps)	NV	Low	A.6.34	Pass
		Middle	A.6.35	Pass
		High	A.6.36	Pass

Test Plots

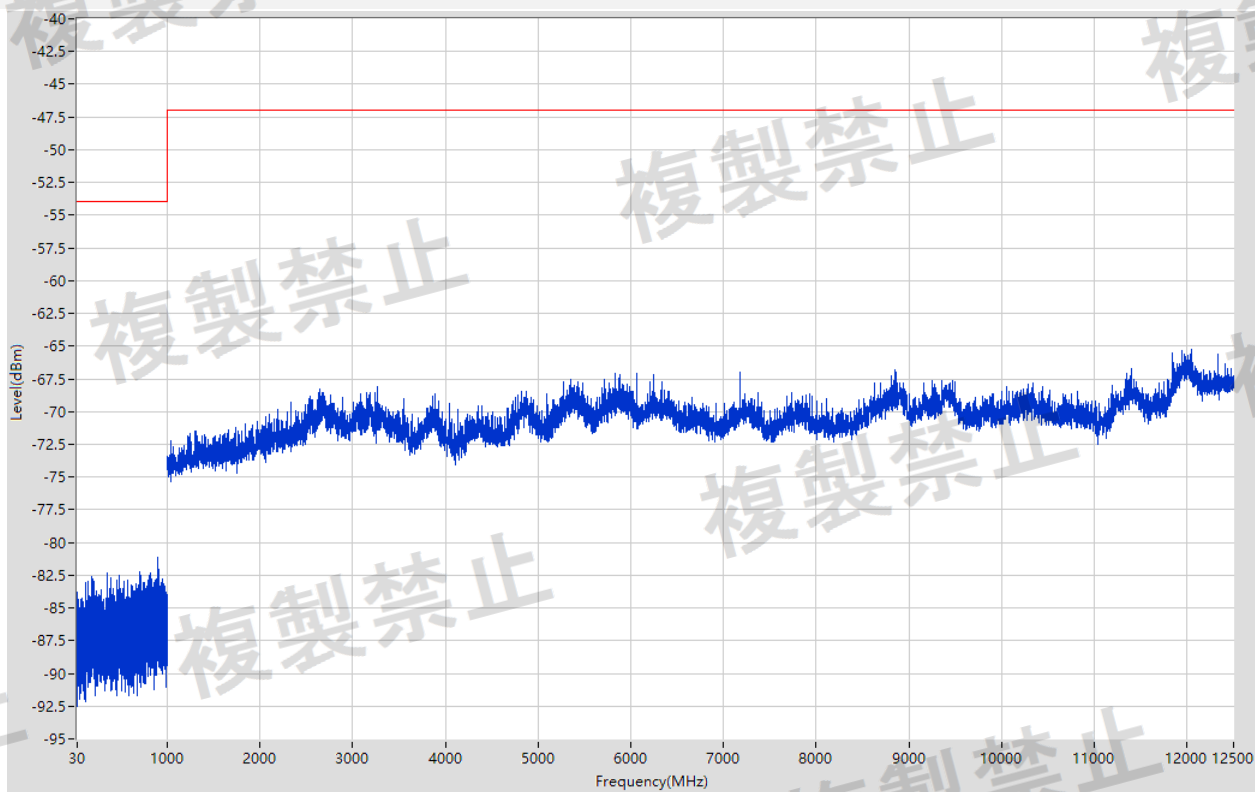
Left Ear

A.6.1 GFSK NV Low Channel



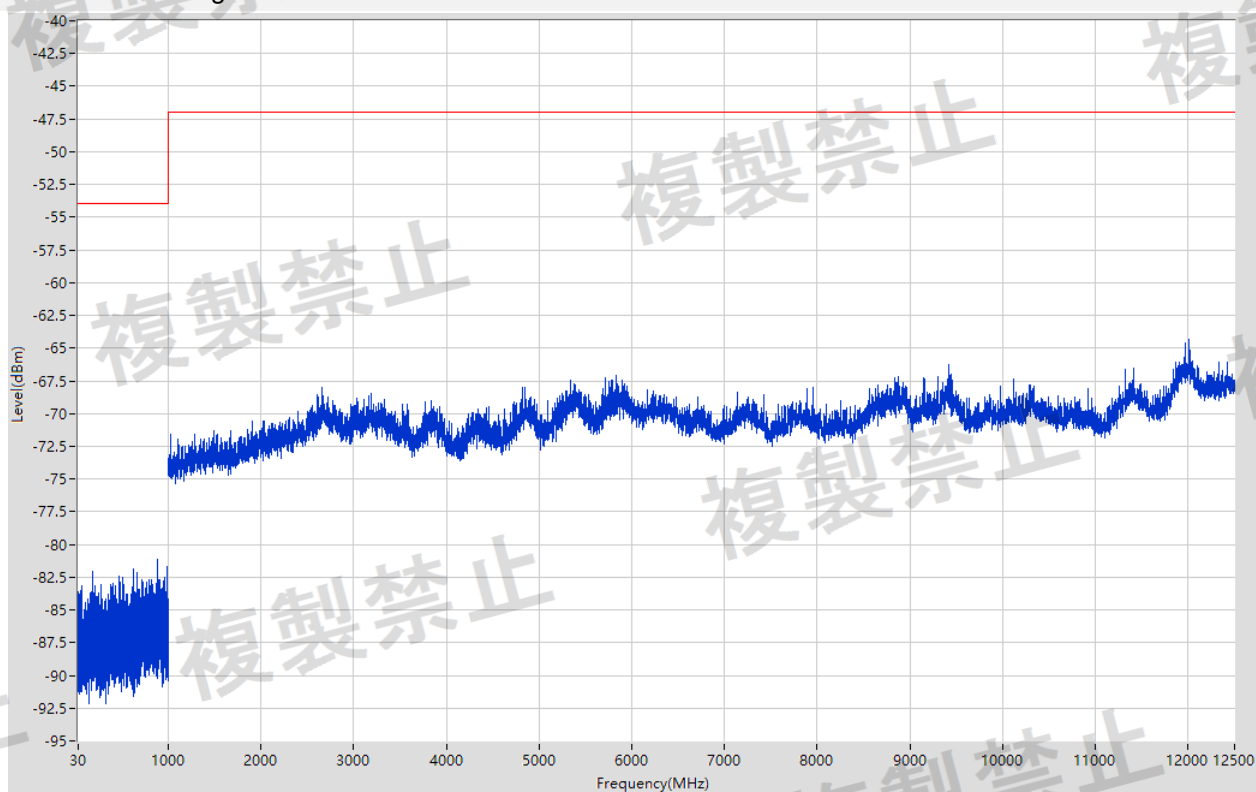
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	966.171	-81.66	0.01	-54	4.0	27.66	Pass
1000	6000	1	Peak	5788.75	-66.83	0.21	-47	20.0	19.83	Pass
6000	12500	1	Peak	11942.625	-63.73	0.42	-47	20.0	16.73	Pass

A.6.2 GFSK NV Middle Channel

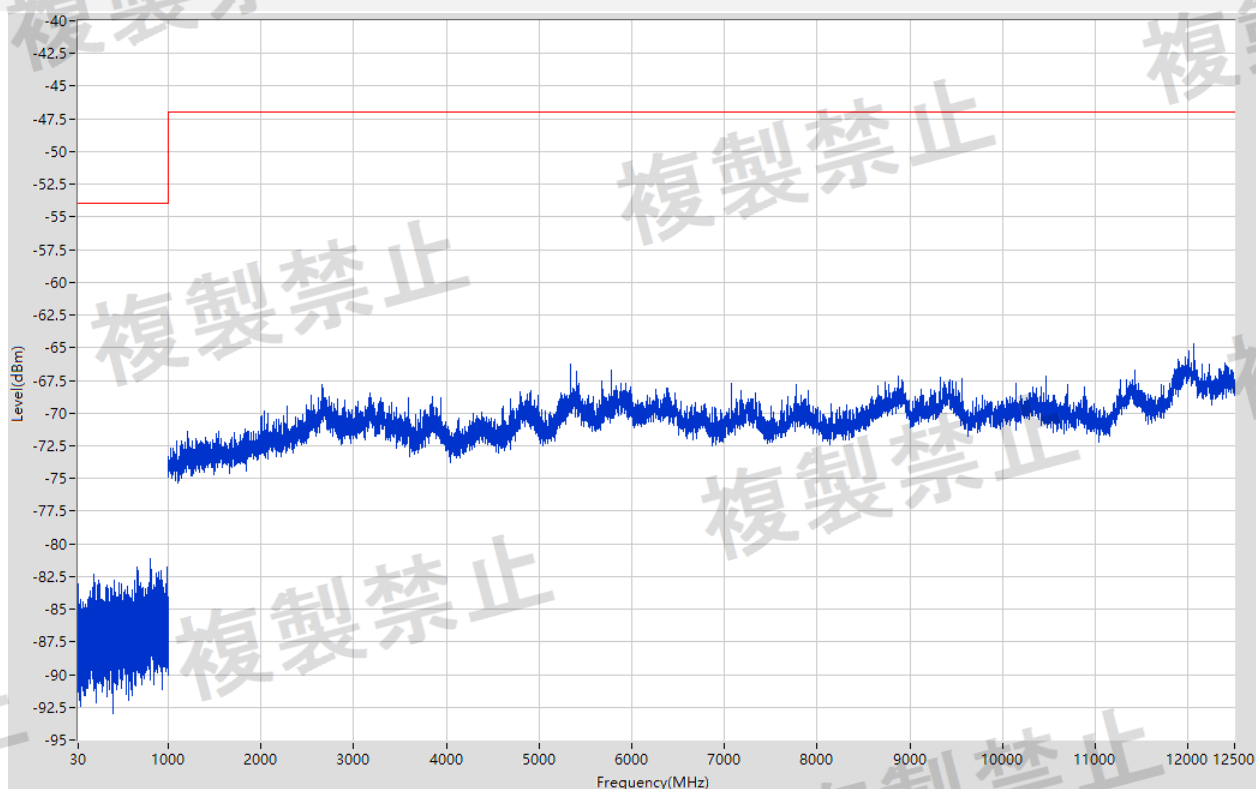


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	899.605	-81.17	0.01	-54	4.0	27.17	Pass
1000	6000	1	Peak	5827.5	-67.13	0.19	-47	20.0	20.13	Pass
6000	12500	1	Peak	12049.875	-65.22	0.3	-47	20.0	18.22	Pass

A.6.3 GFSK NV High Channel

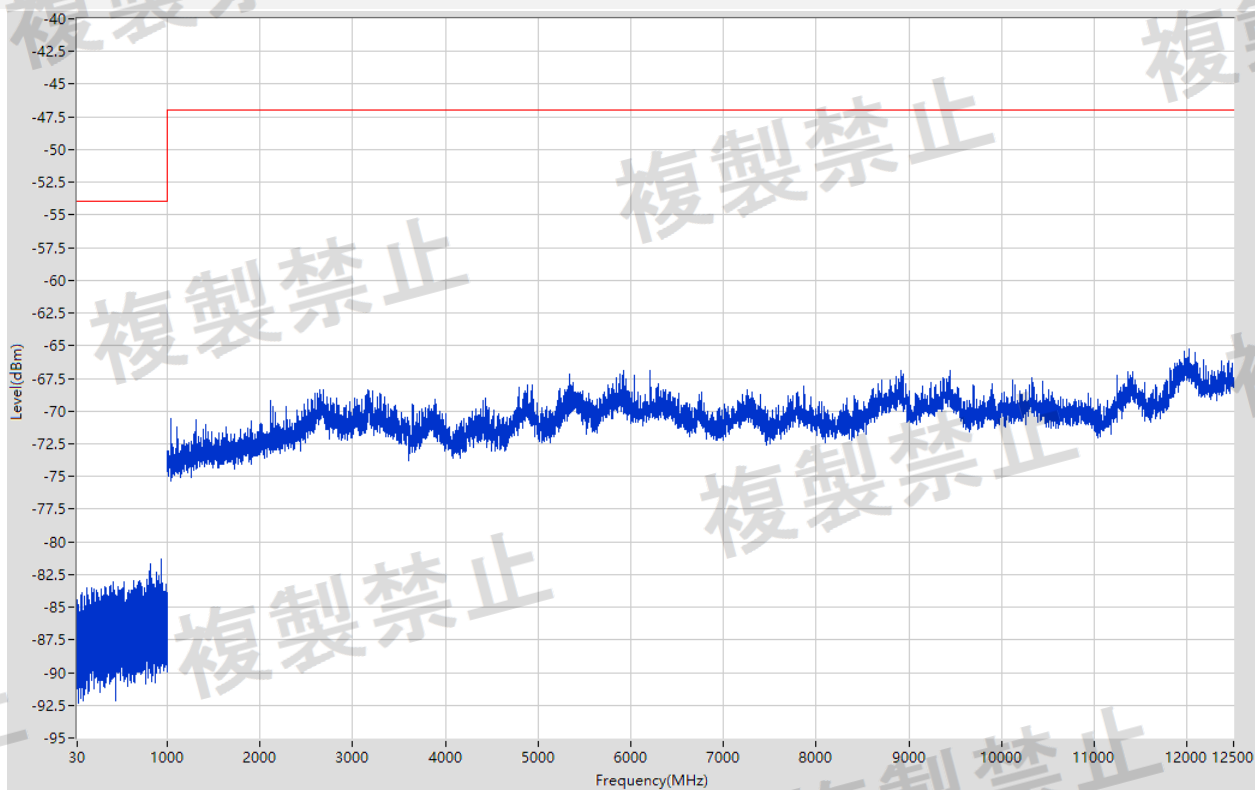


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	887.844	-81.18	0.01	-54	4.0	27.18	Pass
1000	6000	1	Peak	5837.5	-67.1	0.2	-47	20.0	20.1	Pass
6000	12500	1	Peak	12009.25	-64.32	0.37	-47	20.0	17.32	Pass

A.6.4 $\pi/4$ -DQPSK NV Low Channel

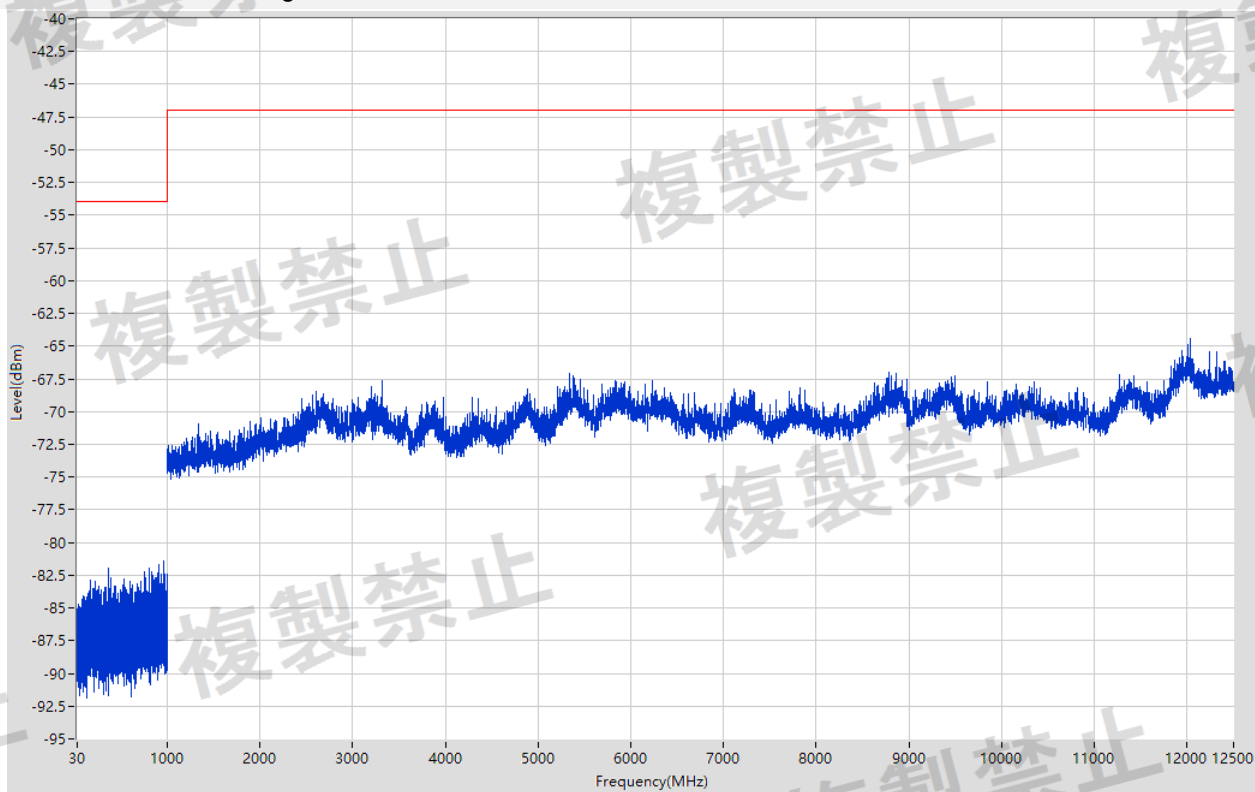
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	802.363	-81.13	0.01	-54	4.0	27.13	Pass
1000	6000	1	Peak	5335	-66.27	0.24	-47	20.0	19.27	Pass
6000	12500	1	Peak	12059.625	-64.72	0.34	-47	20.0	17.72	Pass

A.6.5 $\pi/4$ -DQPSK NV Middle Channel



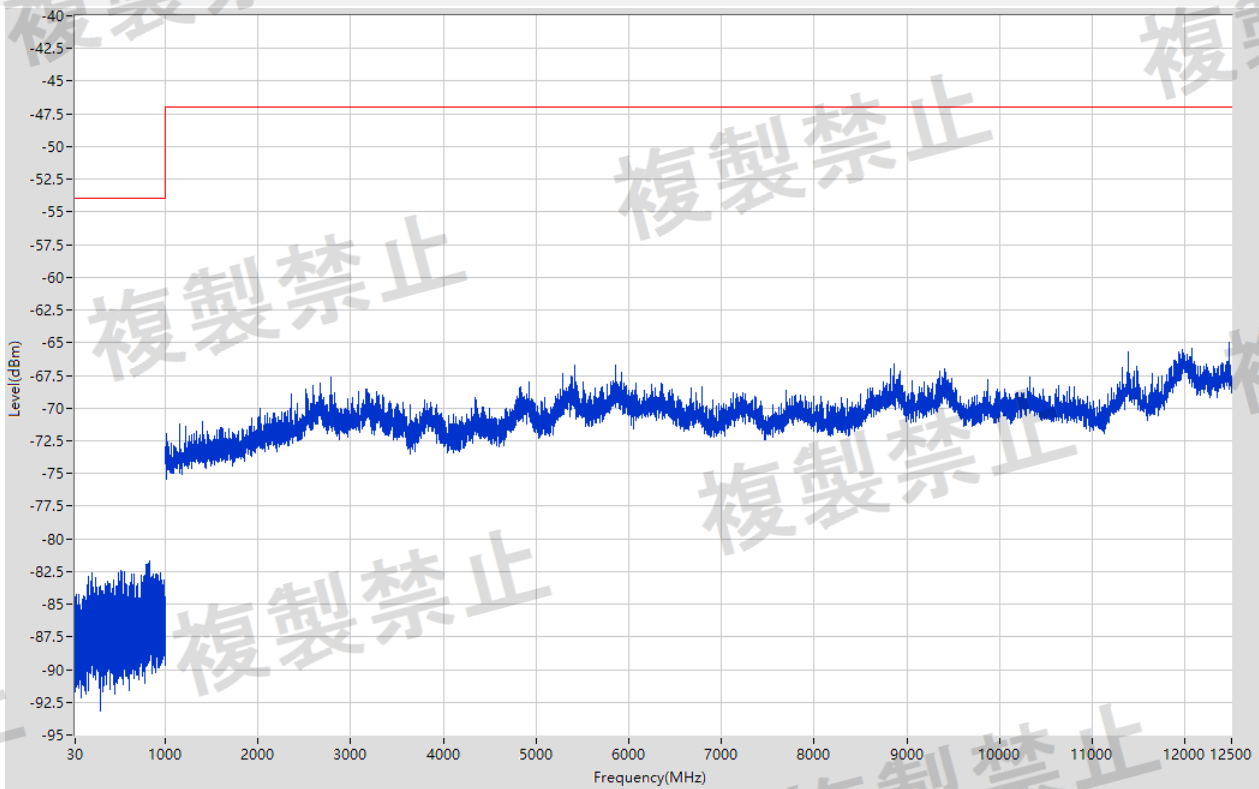
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	931.736	-81.36	0.01	-54	4.0	27.36	Pass
1000	6000	1	Peak	5927.5	-66.91	0.2	-47	20.0	19.91	Pass
6000	12500	1	Peak	12020.625	-65.29	0.3	-47	20.0	18.29	Pass

A.6.6 $\pi/4$ -DQPSK NV High Channel



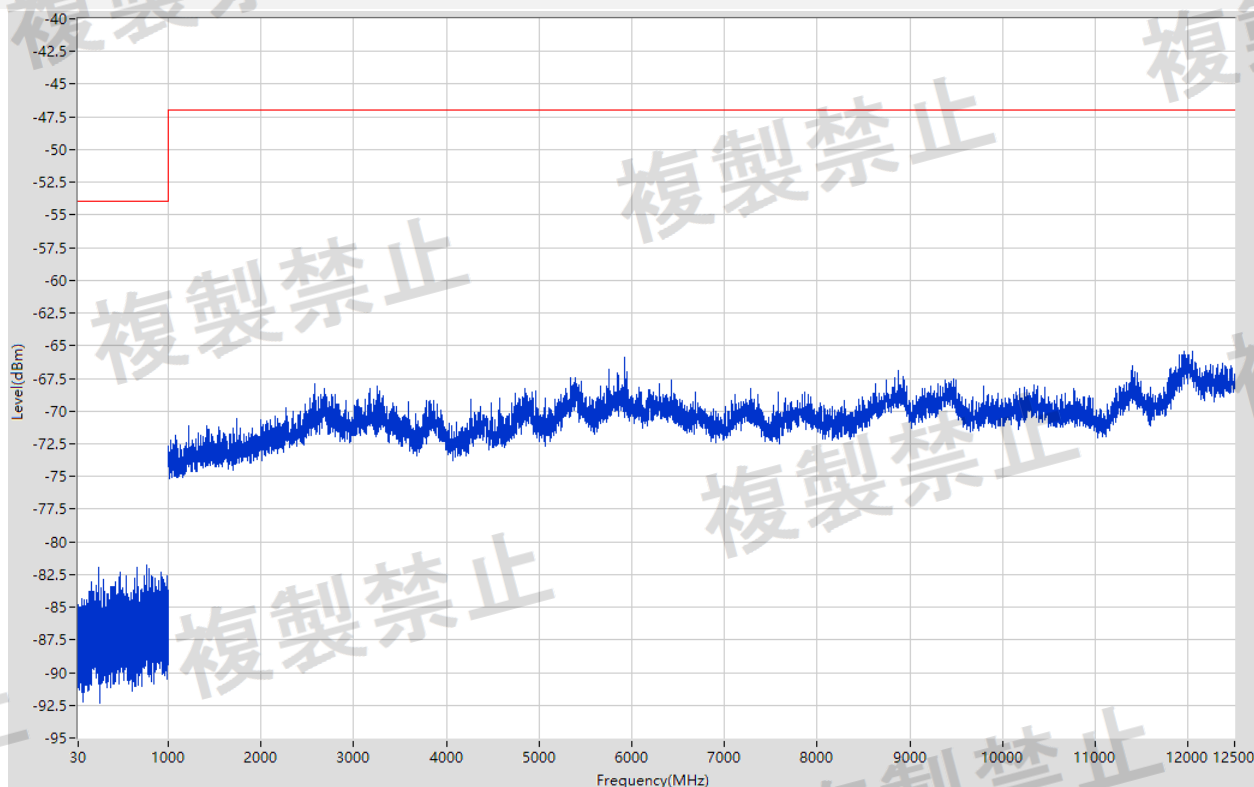
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	964.959	-81.39	0.01	-54	4.0	27.39	Pass
1000	6000	1	Peak	5337.5	-67.1	0.2	-47	20.0	20.1	Pass
6000	12500	1	Peak	12033.625	-64.44	0.36	-47	20.0	17.44	Pass

A.6.7 8-DPSK NV Low Channel



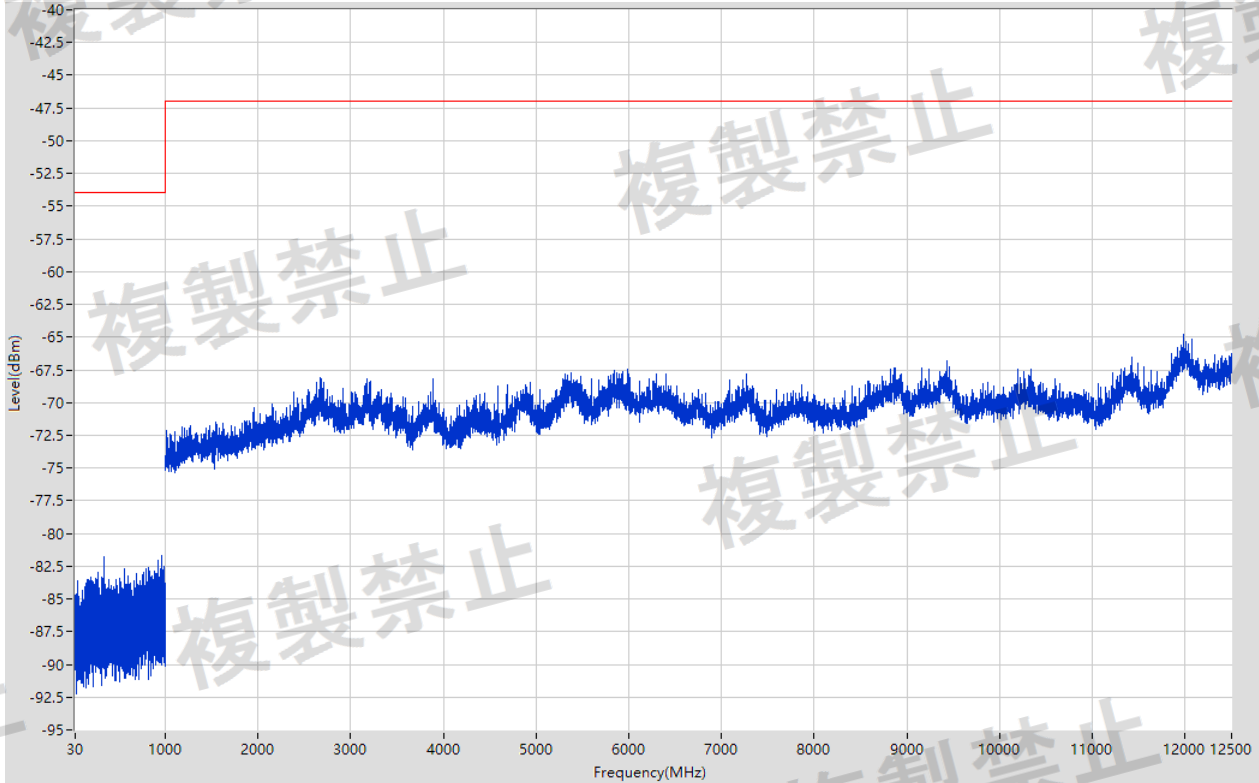
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	838.738	-81.71	0.01	-54	4.0	27.71	Pass
1000	6000	1	Peak	5858.75	-66.71	0.21	-47	20.0	19.71	Pass
6000	12500	1	Peak	12474	-65.01	0.32	-47	20.0	18.01	Pass

A.6.8 8-DPSK NV Middle Channel



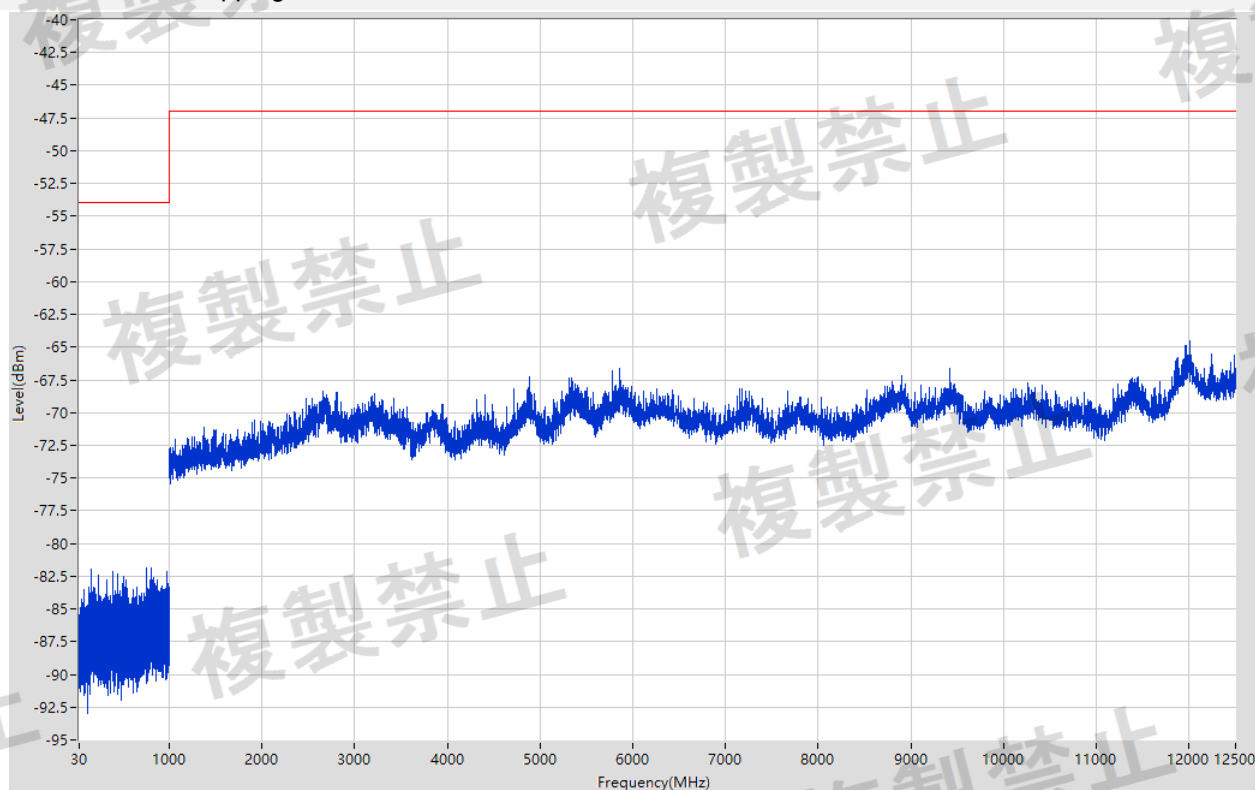
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	768.413	-81.82	0.01	-54	4.0	27.82	Pass
1000	6000	1	Peak	5925	-65.93	0.26	-47	20.0	18.93	Pass
6000	12500	1	Peak	11952.375	-65.46	0.28	-47	20.0	18.46	Pass

A.6.9 8-DPSK NV High Channel

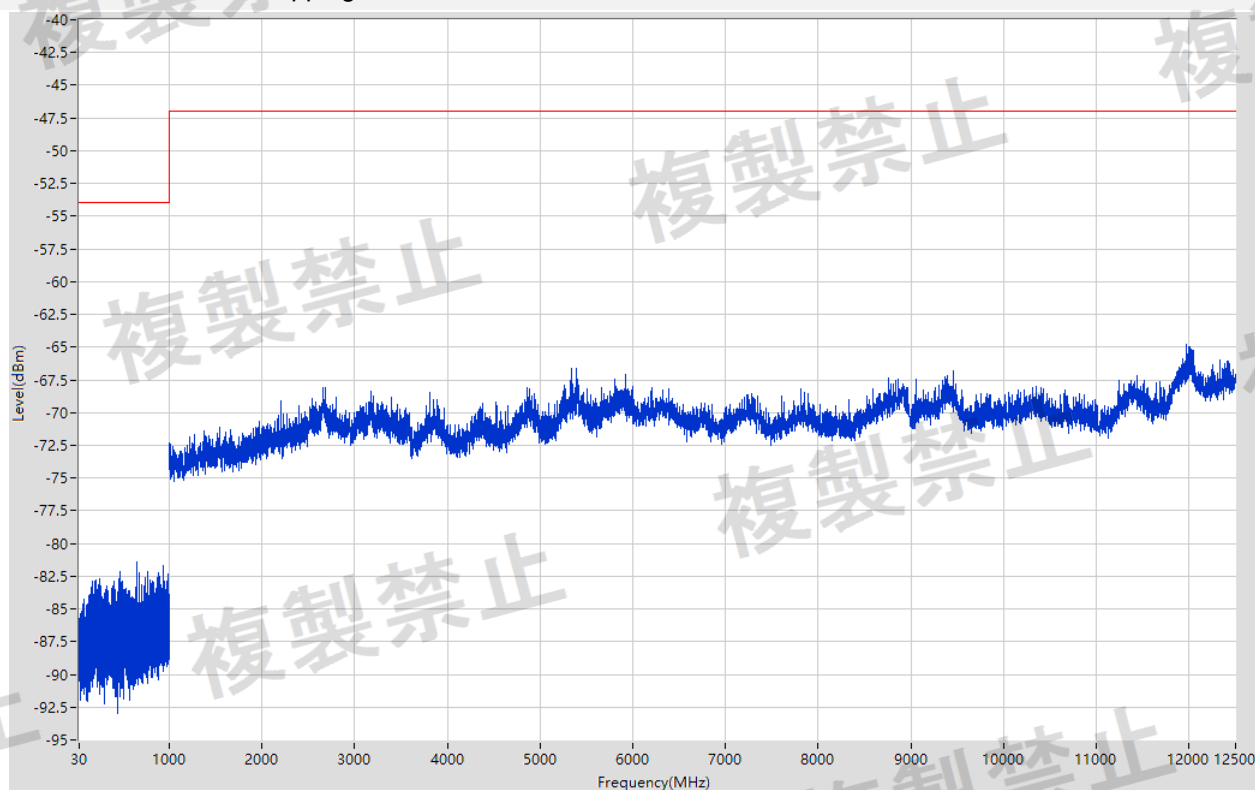


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	958.896	-81.64	0.01	-54	4.0	27.64	Pass
1000	6000	1	Peak	5985	-67.44	0.18	-47	20.0	20.44	Pass
6000	12500	1	Peak	11983.25	-64.75	0.34	-47	20.0	17.75	Pass

A.6.10 GFSK NV Hopping

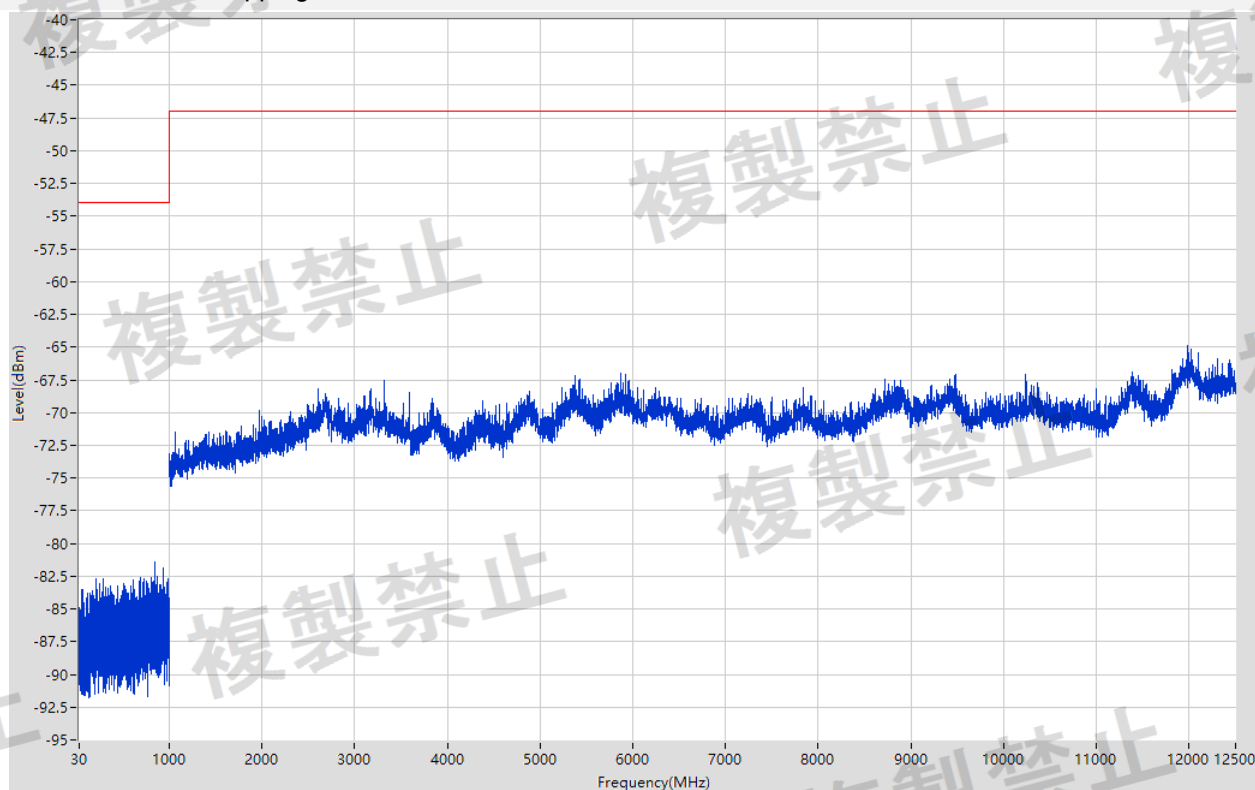


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	759.925	-81.9	0.01	-54	4.0	27.9	Pass
1000	6000	1	Peak	5861.25	-66.64	0.22	-47	20.0	19.64	Pass
6000	12500	1	Peak	12012.5	-64.47	0.36	-47	20.0	17.47	Pass

A.6.11 $\pi/4$ -DQPSK NV Hopping

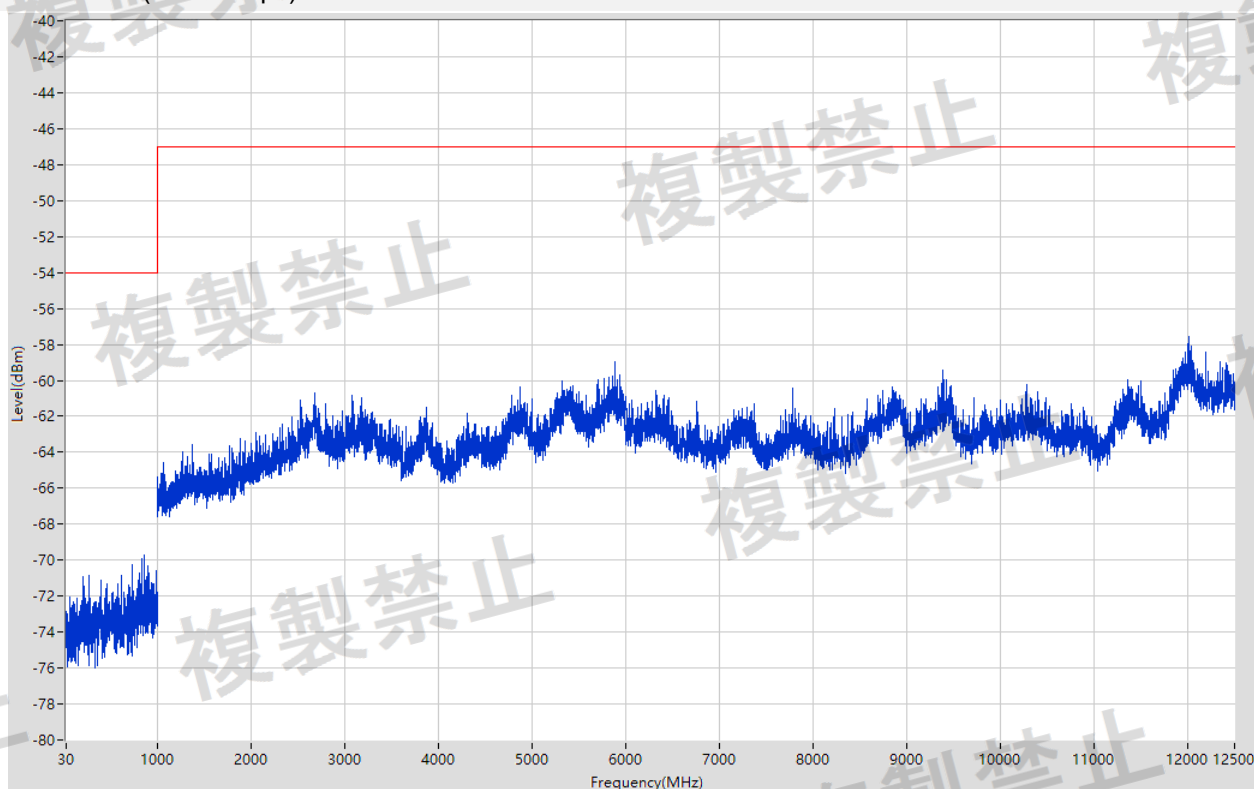
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	648.133	-81.37	0.01	-54	4.0	27.37	Pass
1000	6000	1	Peak	5387.5	-66.65	0.22	-47	20.0	19.65	Pass
6000	12500	1	Peak	11968.625	-64.77	0.33	-47	20.0	17.77	Pass

A.6.12 8-DPSK NV Hopping



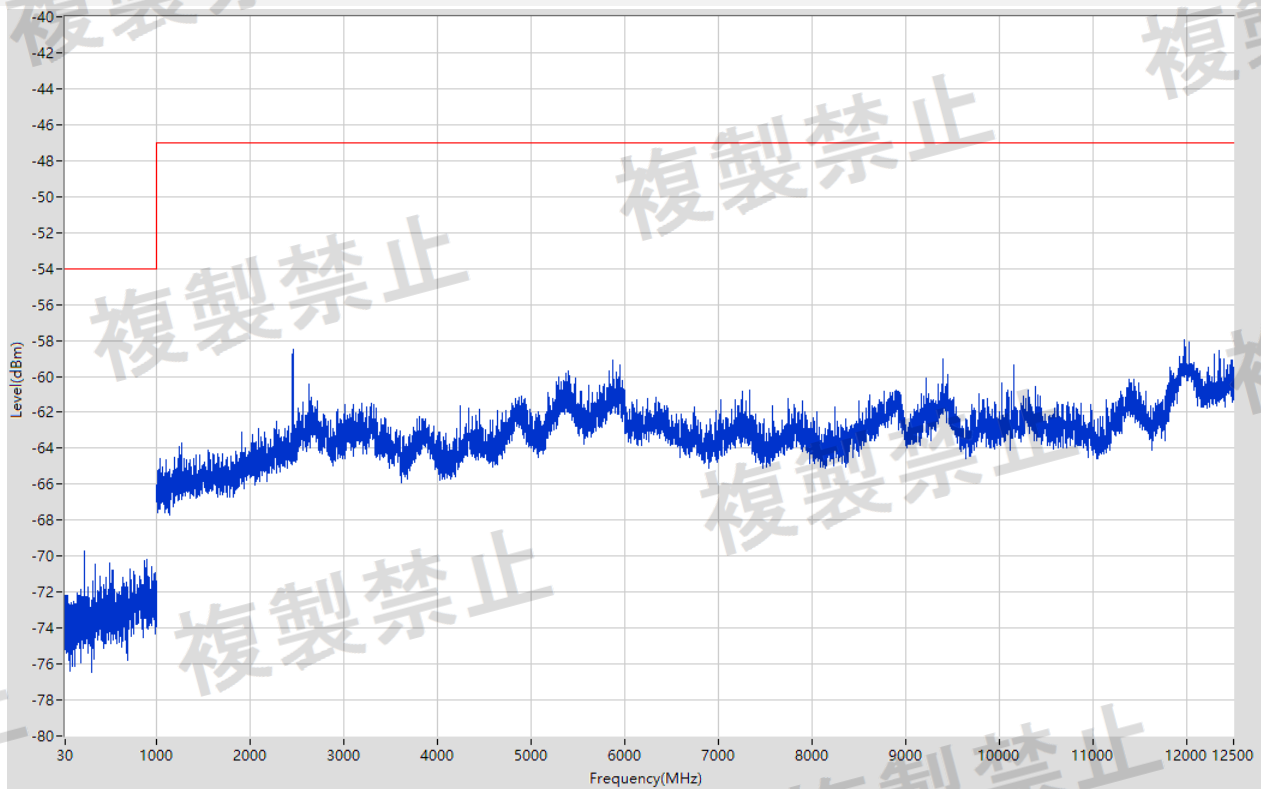
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	842.011	-81.42	0.01	-54	4.0	27.42	Pass
1000	6000	1	Peak	5870	-67.01	0.2	-47	20.0	20.01	Pass
6000	12500	1	Peak	11980	-64.87	0.33	-47	20.0	17.87	Pass

A.6.13 GFSK (BLE 1Mbps) NV Low Channel



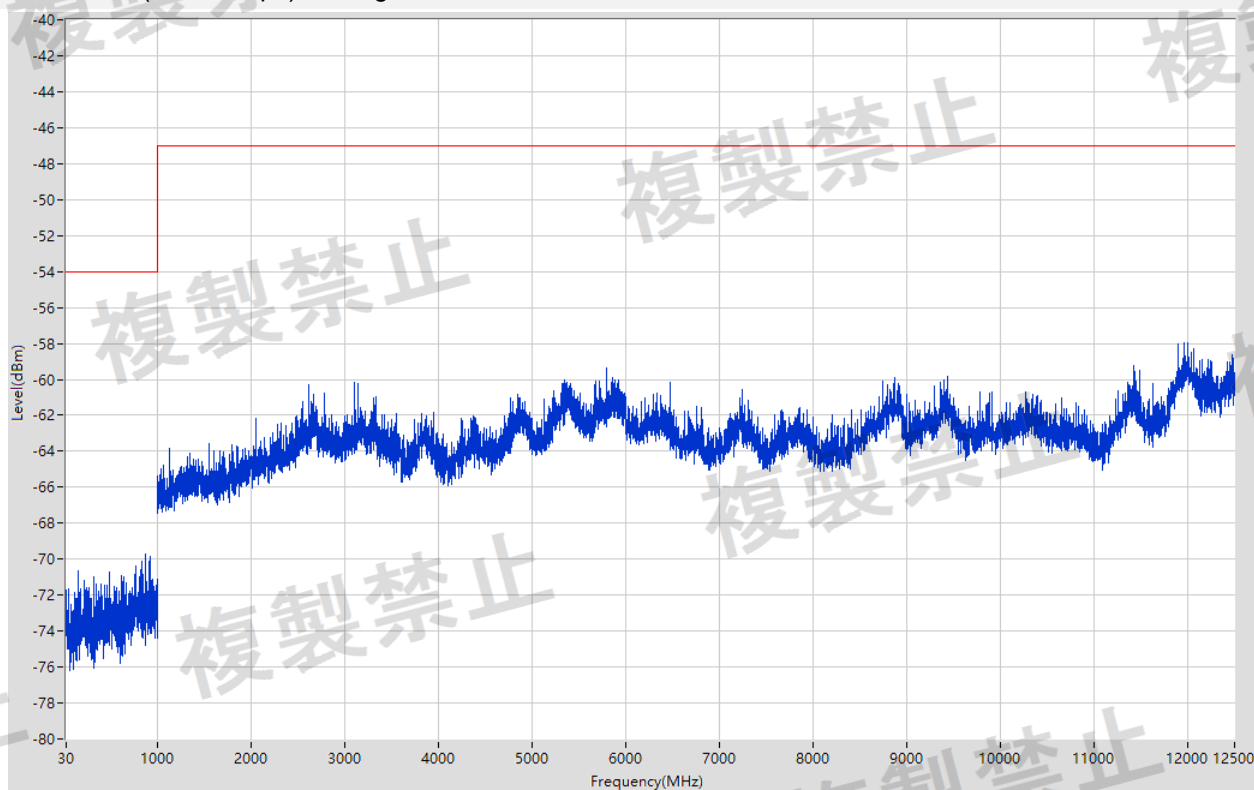
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	861.29	-69.73	0.11	-54	4.0	15.73	Pass
1000	6000	1	Peak	5881.25	-58.99	1.26	-47	20.0	11.99	Pass
6000	12500	1	Peak	12019	-57.58	1.75	-47	20.0	10.58	Pass

A.6.14 GFSK (BLE 1Mbps) NV Middle Channel



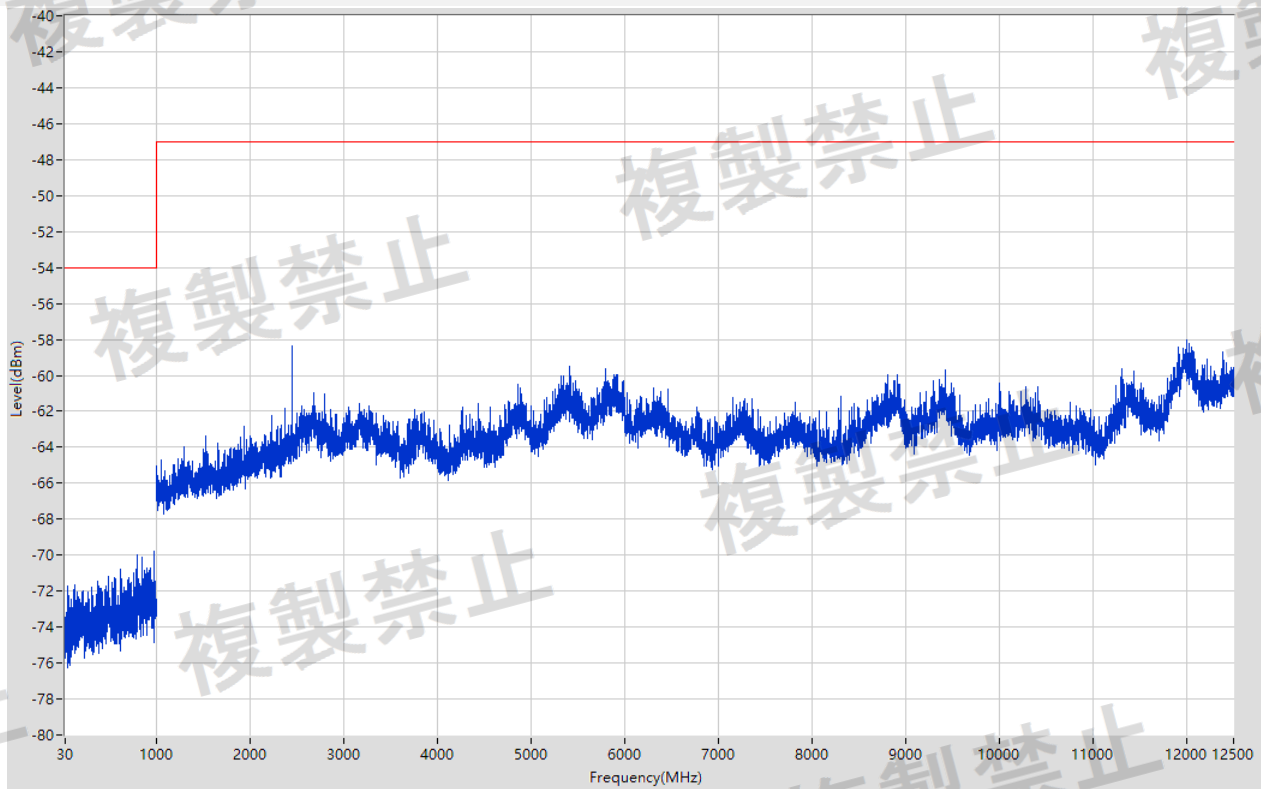
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	241.46	-69.72	0.11	-54	4.0	15.72	Pass
1000	6000	1	Peak	2458.75	-58.5	1.41	-47	20.0	11.5	Pass
6000	12500	1	Peak	11970.25	-57.94	1.61	-47	20.0	10.94	Pass

A.6.15 GFSK (BLE 1Mbps) NV High Channel



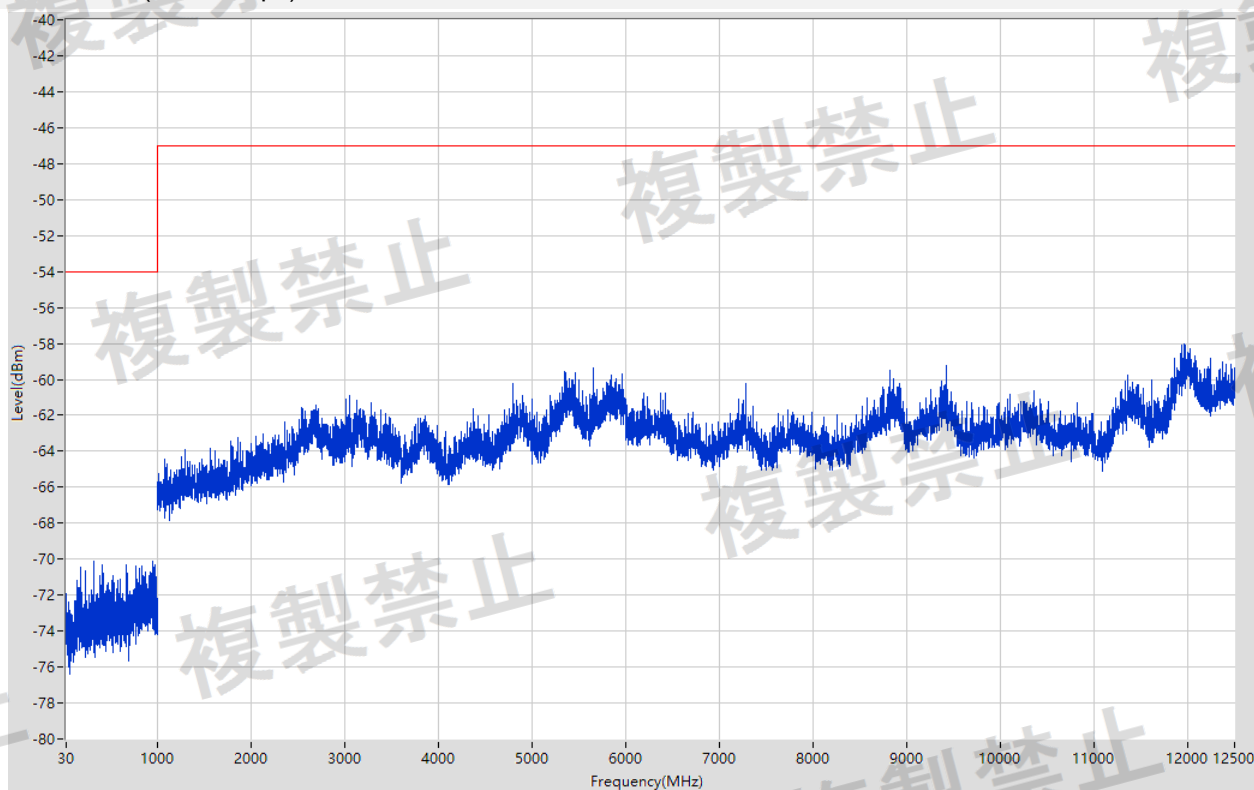
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	876.81	-69.71	0.11	-54	4.0	15.71	Pass
1000	6000	1	Peak	5798.75	-59.36	1.16	-47	20.0	12.36	Pass
6000	12500	1	Peak	11955.625	-57.97	1.6	-47	20.0	10.97	Pass

A.6.16 GFSK (BLE 2Mbps) NV Low Channel



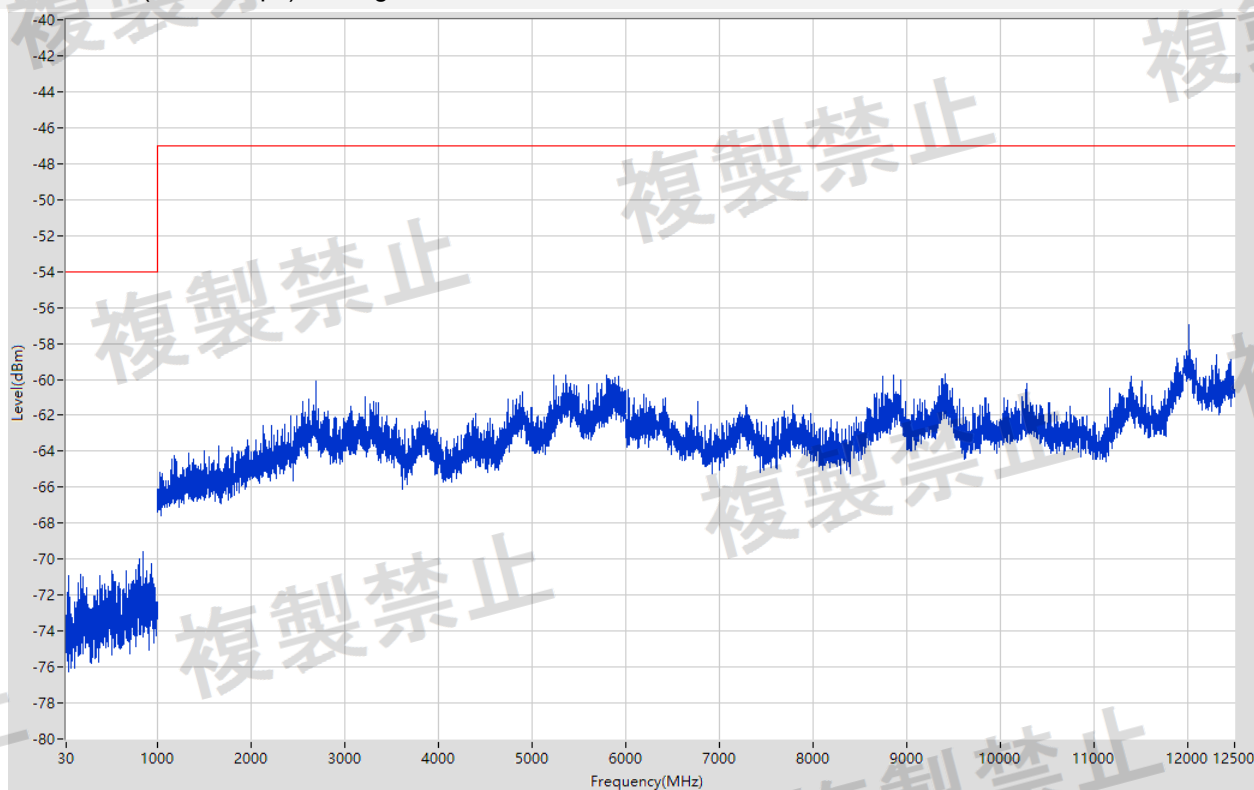
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	975.75	-69.79	0.11	-54	4.0	15.79	Pass
1000	6000	1	Peak	2452.5	-58.35	1.46	-47	20.0	11.35	Pass
6000	12500	1	Peak	11997.875	-58.05	1.57	-47	20.0	11.05	Pass

A.6.17 GFSK (BLE 2Mbps) NV Middle Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	321	-70.11	0.1	-54	4.0	16.11	Pass
1000	6000	1	Peak	5651.25	-59.39	1.15	-47	20.0	12.39	Pass
6000	12500	1	Peak	11962.125	-58.05	1.57	-47	20.0	11.05	Pass

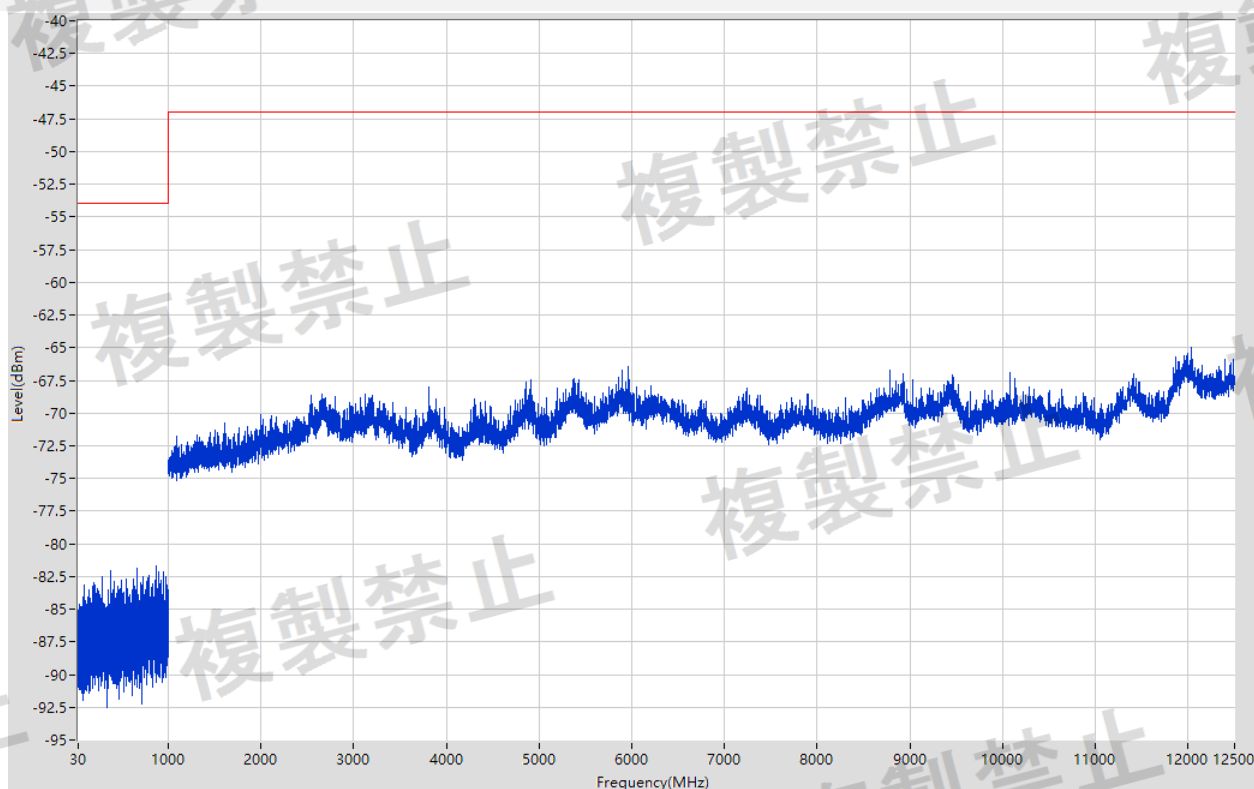
A.6.18 GFSK (BLE 2Mbps) NV High Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	843.83	-69.59	0.11	-54	4.0	15.59	Pass
1000	6000	1	Peak	5360	-59.74	1.06	-47	20.0	12.74	Pass
6000	12500	1	Peak	12010.875	-56.93	2.03	-47	20.0	9.93	Pass

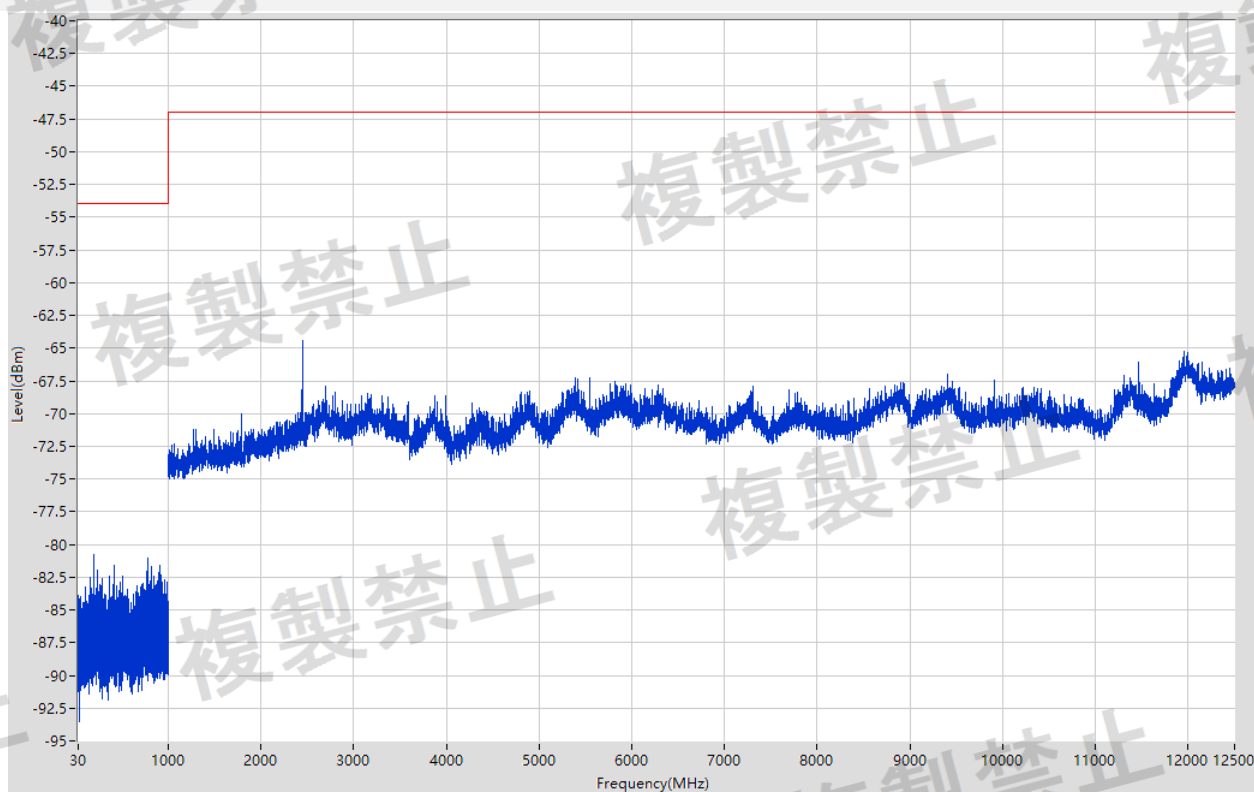
Right Ear

A.6.19 GFSK NV Low Channel



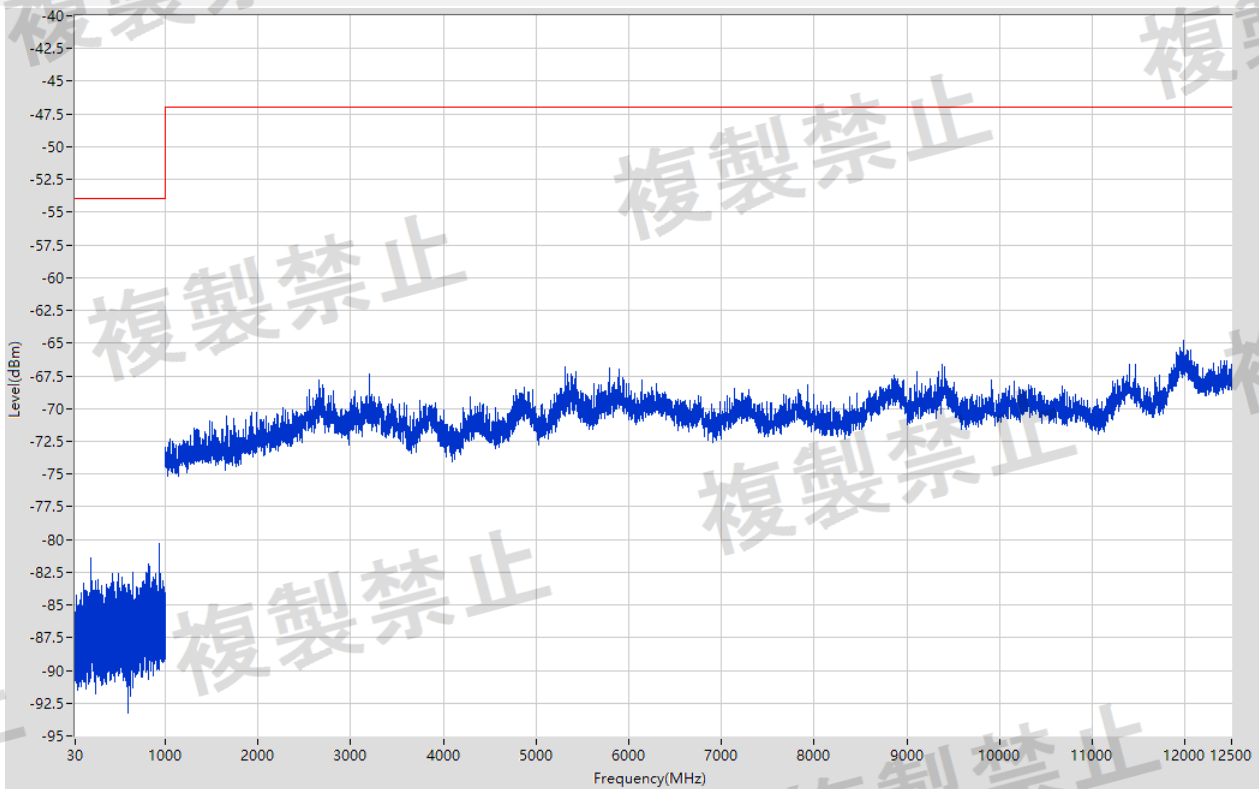
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	877.174	-81.7	0.01	-54	4.0	27.7	Pass
1000	6000	1	Peak	5957.5	-66.46	0.23	-47	20.0	19.46	Pass
6000	12500	1	Peak	12038.5	-64.95	0.32	-47	20.0	17.95	Pass

A.6.20 GFSK NV Middle Channel

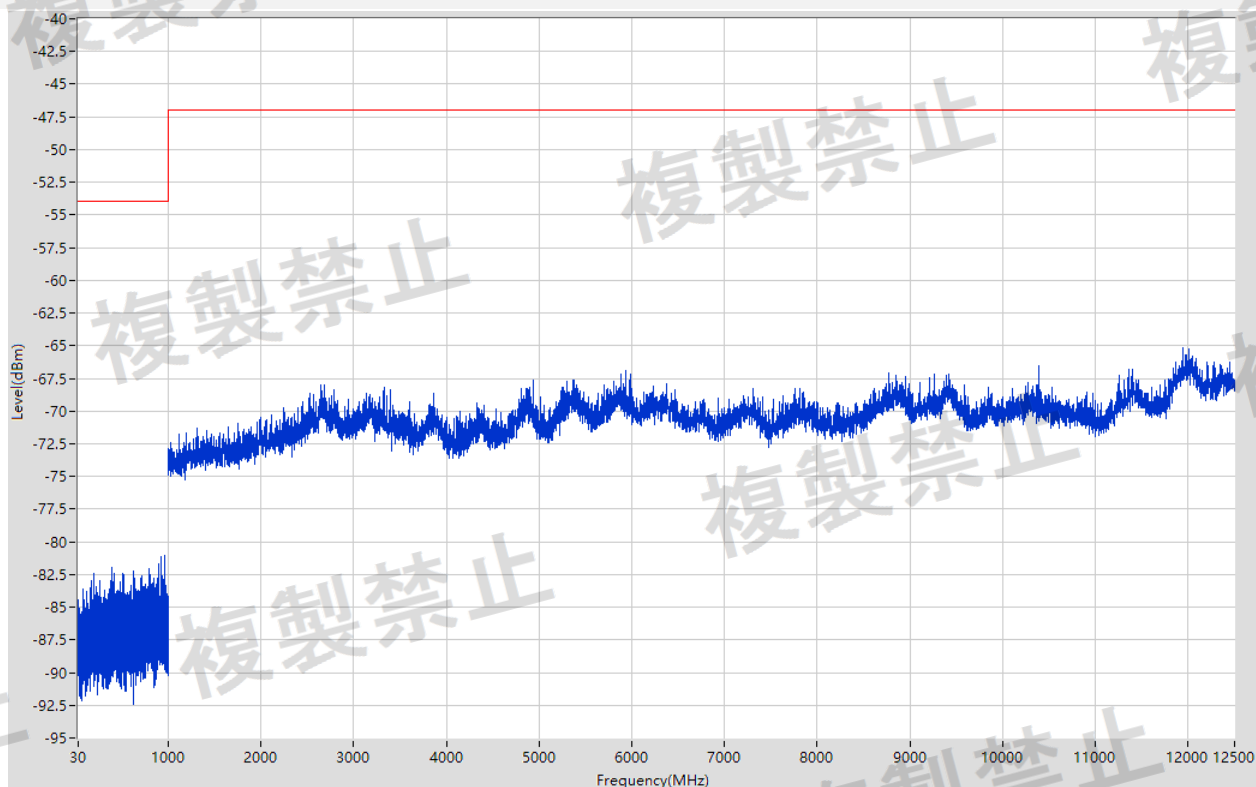


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	199.144	-80.74	0.01	-54	4.0	26.74	Pass
1000	6000	1	Peak	2450	-64.44	0.36	-47	20.0	17.44	Pass
6000	12500	1	Peak	11957.25	-65.21	0.3	-47	20.0	18.21	Pass

A.6.21 GFSK NV High Channel

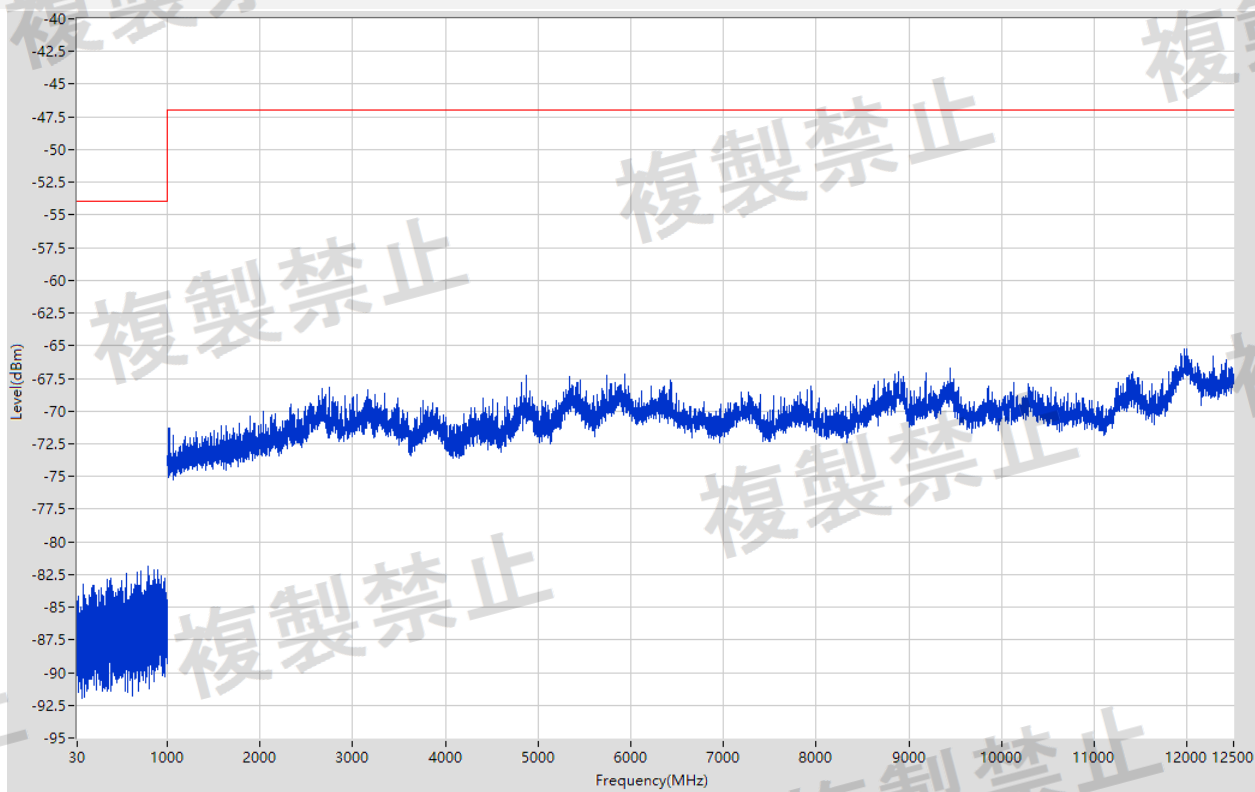


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	931.373	-80.29	0.01	-54	4.0	26.29	Pass
1000	6000	1	Peak	5313.75	-66.85	0.21	-47	20.0	19.85	Pass
6000	12500	1	Peak	11988.125	-64.78	0.33	-47	20.0	17.78	Pass

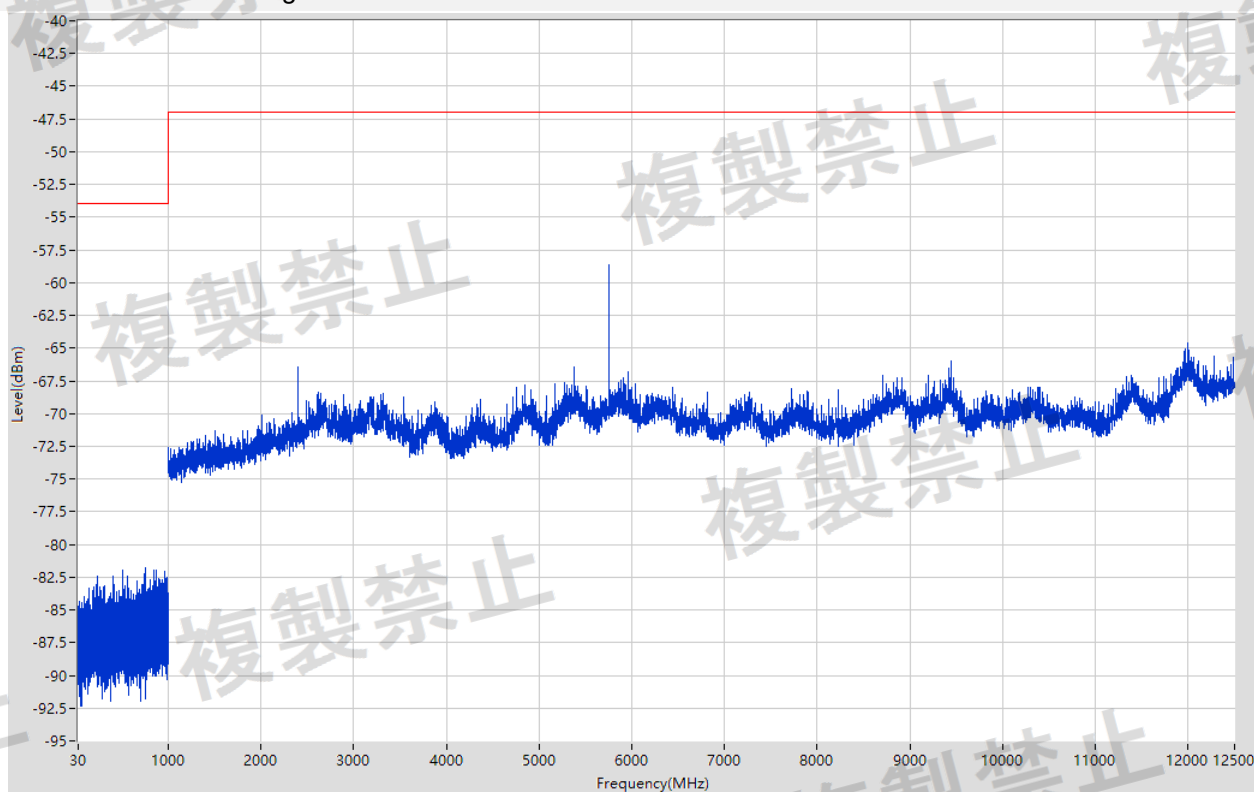
A.6.22 $\pi/4$ -DQPSK NV Low Channel

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	961.321	-81.04	0.01	-54	4.0	27.04	Pass
1000	6000	1	Peak	5936.25	-66.9	0.2	-47	20.0	19.9	Pass
6000	12500	1	Peak	11942.625	-65.12	0.31	-47	20.0	18.12	Pass

A.6.23 $\pi/4$ -DQPSK NV Middle Channel

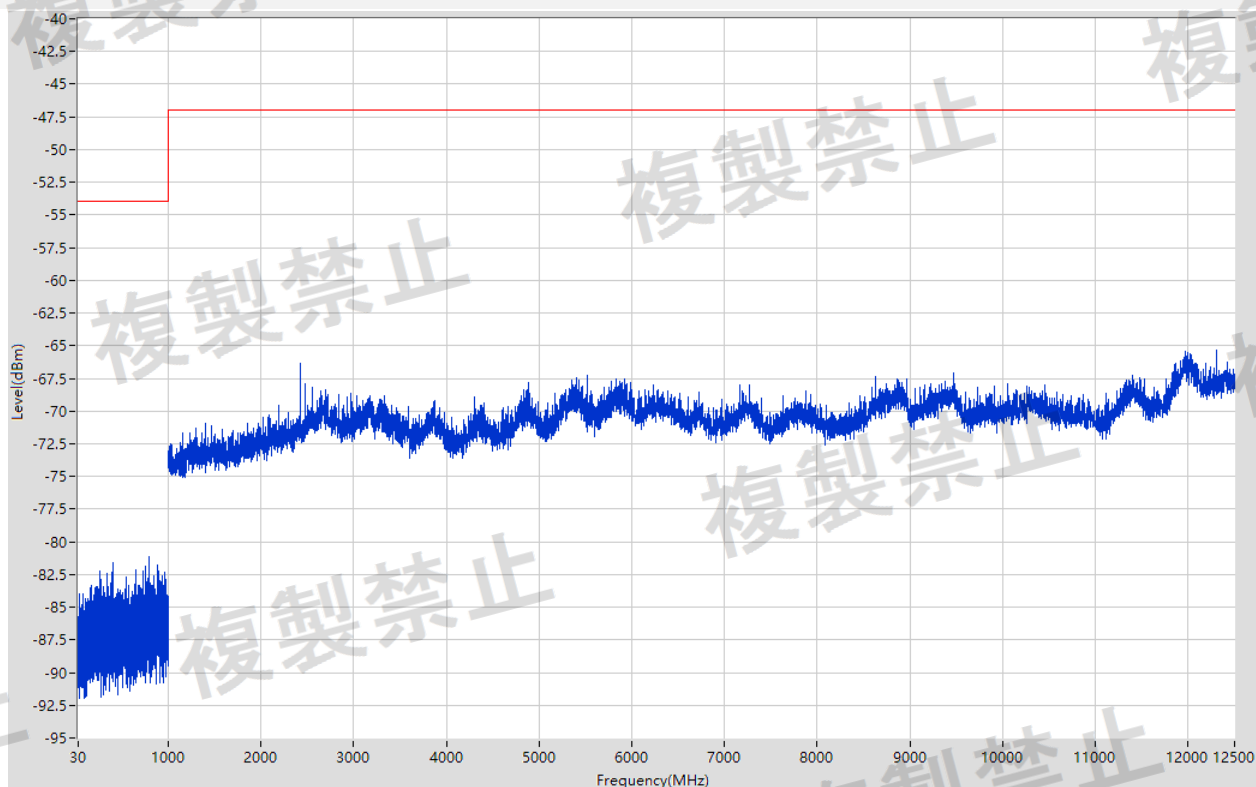


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	795.088	-81.87	0.01	-54	4.0	27.87	Pass
1000	6000	1	Peak	5930	-67.19	0.19	-47	20.0	20.19	Pass
6000	12500	1	Peak	11968.625	-65.22	0.3	-47	20.0	18.22	Pass

A.6.24 $\pi/4$ -DQPSK NV High Channel

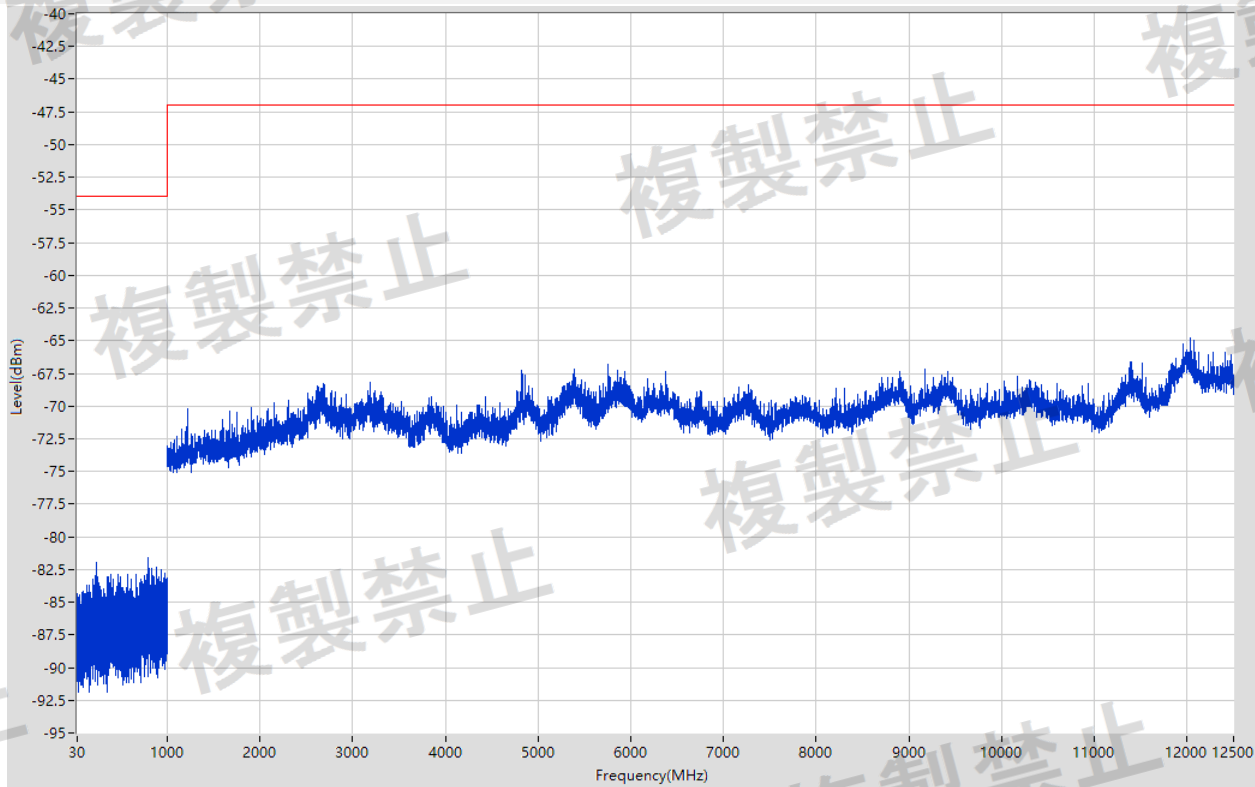
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	755.681	-81.82	0.01	-54	4.0	27.82	Pass
1000	6000	1	Peak	5748.75	-58.6	1.38	-47	20.0	11.6	Pass
6000	12500	1	Peak	11993	-64.61	0.35	-47	20.0	17.61	Pass

A.6.25 8-DPSK NV Low Channel



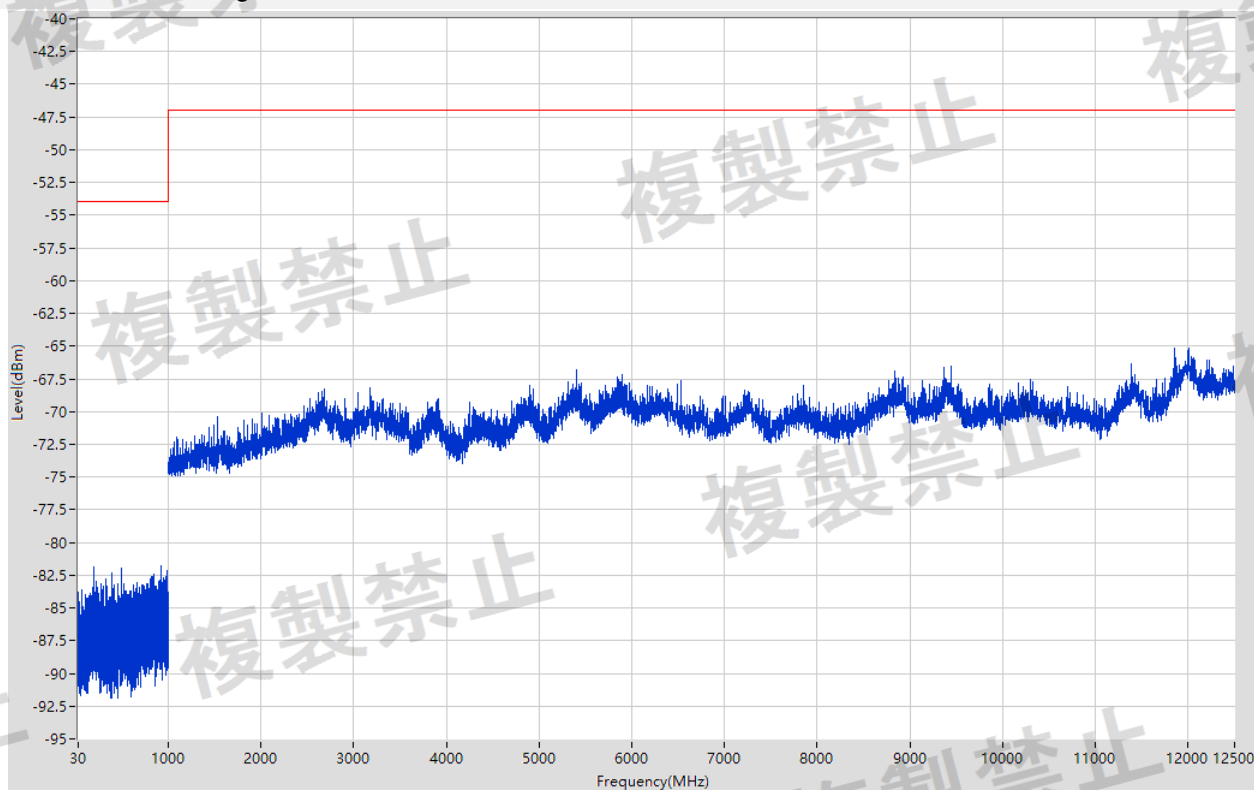
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	788.783	-81.15	0.01	-54	4.0	27.15	Pass
1000	6000	1	Peak	2425	-66.34	0.23	-47	20.0	19.34	Pass
6000	12500	1	Peak	12308.25	-65.33	0.29	-47	20.0	18.33	Pass

A.6.26 8-DPSK NV Middle Channel



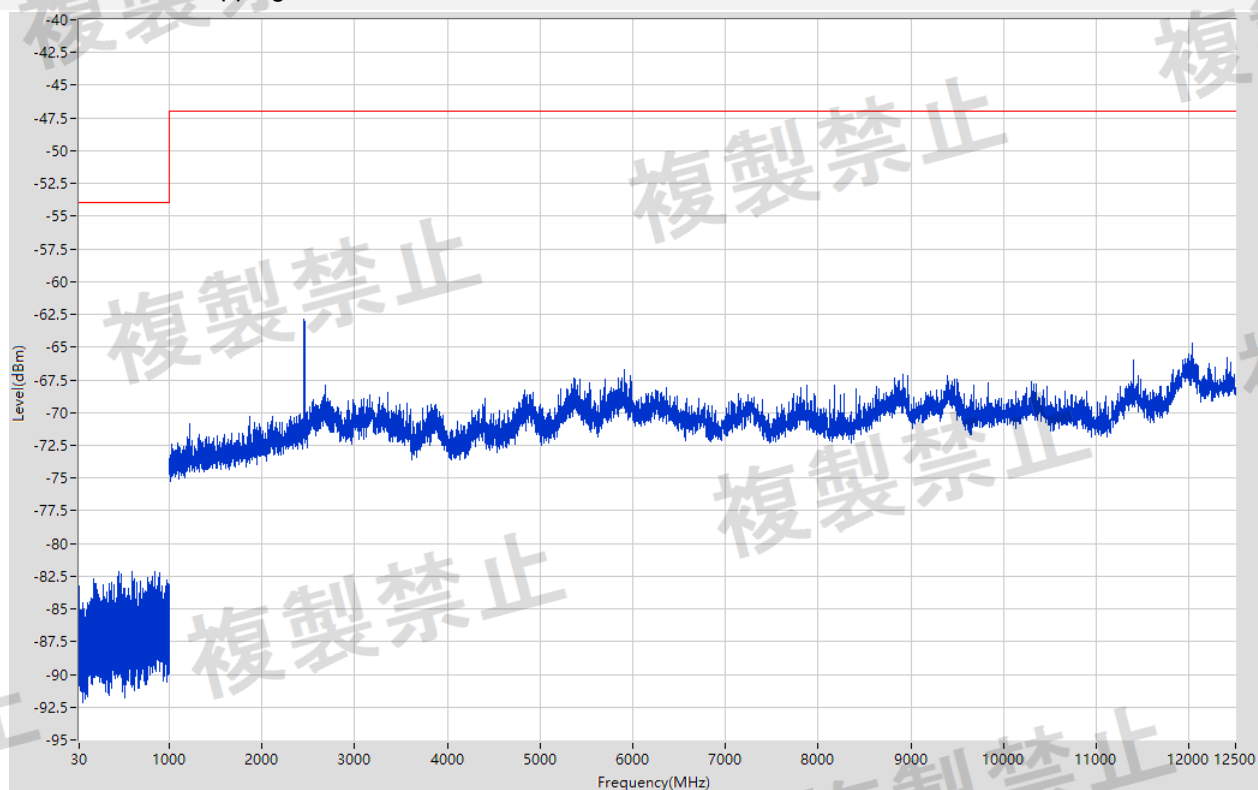
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	799.695	-81.58	0.01	-54	4.0	27.58	Pass
1000	6000	1	Peak	5756.25	-66.85	0.21	-47	20.0	19.85	Pass
6000	12500	1	Peak	12036.875	-64.8	0.33	-47	20.0	17.8	Pass

A.6.27 8-DPSK NV High Channel

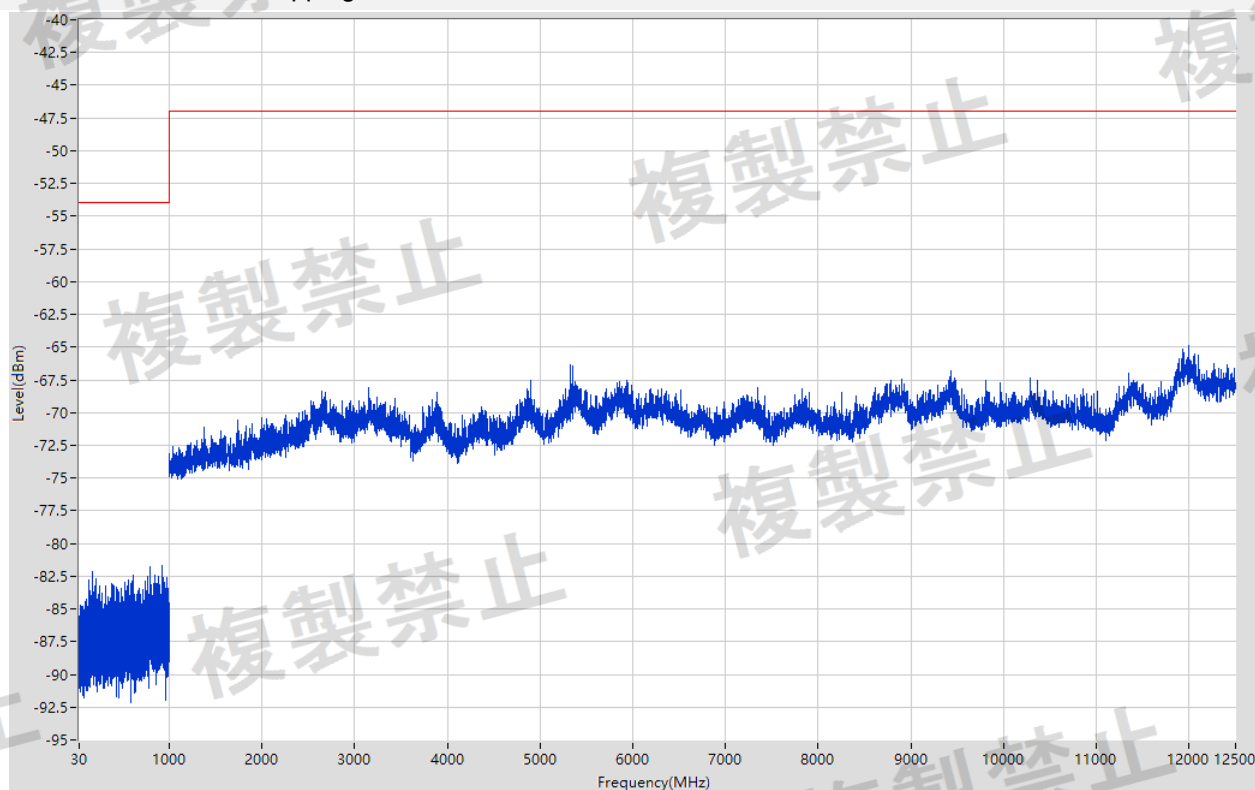


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	925.916	-81.75	0.01	-54	4.0	27.75	Pass
1000	6000	1	Peak	5405	-66.78	0.21	-47	20.0	19.78	Pass
6000	12500	1	Peak	12012.5	-65.17	0.3	-47	20.0	18.17	Pass

A.6.28 GFSK NV Hopping

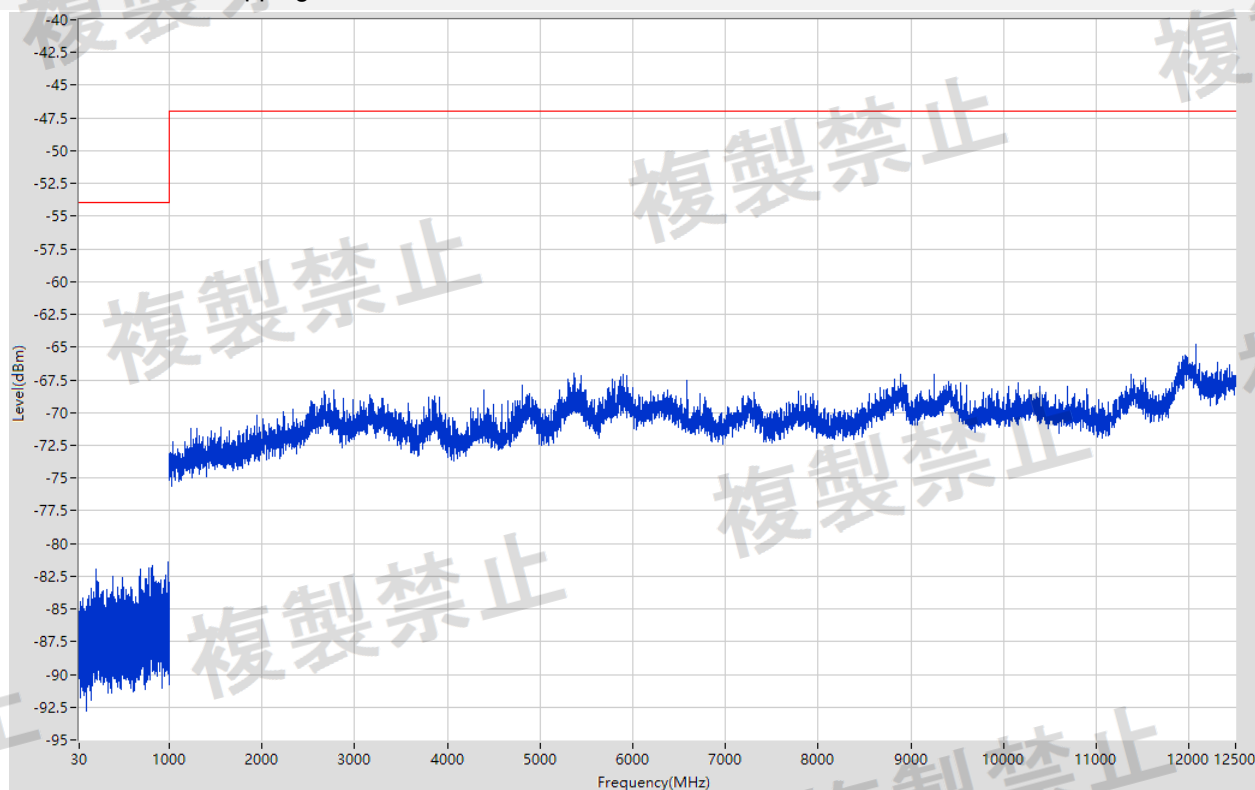


Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	845.164	-82.11	0.01	-54	4.0	28.11	Pass
1000	6000	1	Peak	2457.5	-62.9	0.51	-47	20.0	15.9	Pass
6000	12500	1	Peak	12030.375	-64.74	0.34	-47	20.0	17.74	Pass

A.6.29 $\pi/4$ -DQPSK NV Hopping

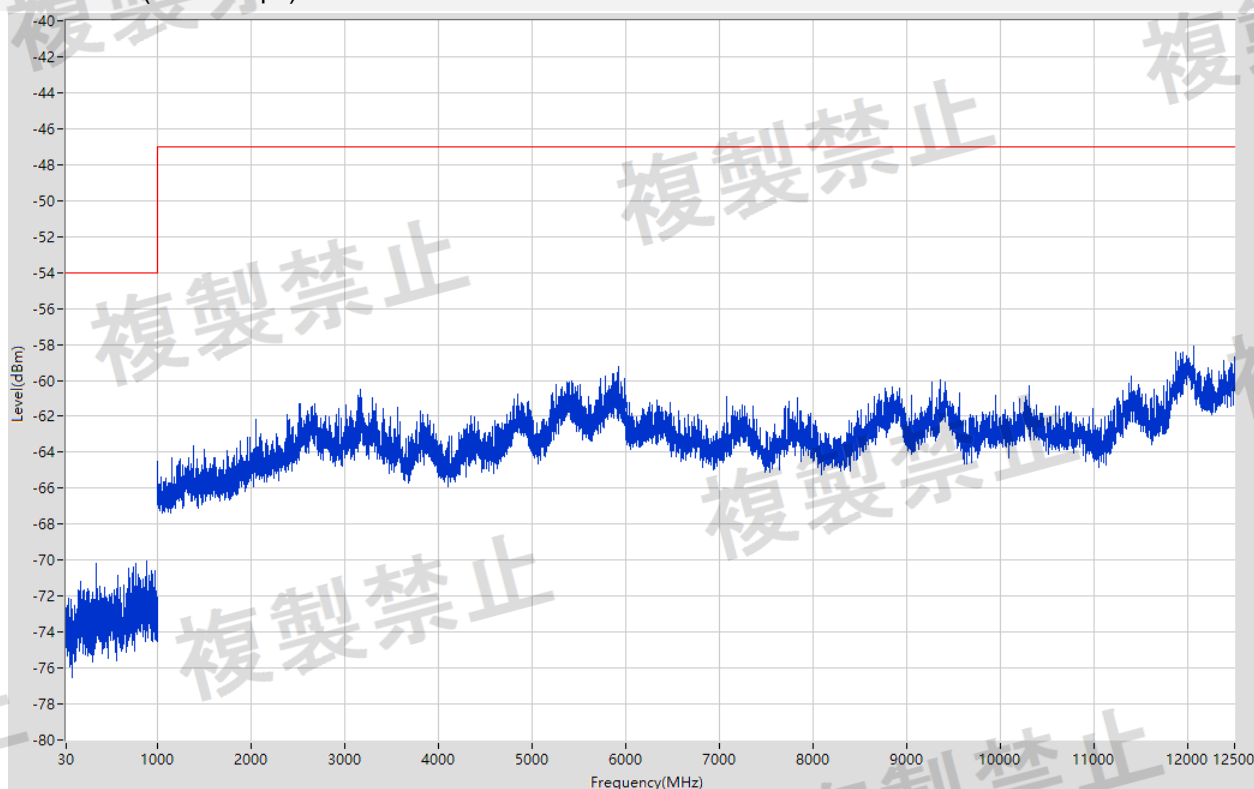
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	923.613	-81.68	0.01	-54	4.0	27.68	Pass
1000	6000	1	Peak	5332.5	-66.33	0.23	-47	20.0	19.33	Pass
6000	12500	1	Peak	12001.125	-64.89	0.32	-47	20.0	17.89	Pass

A.6.30 8-DPSK NV Hopping



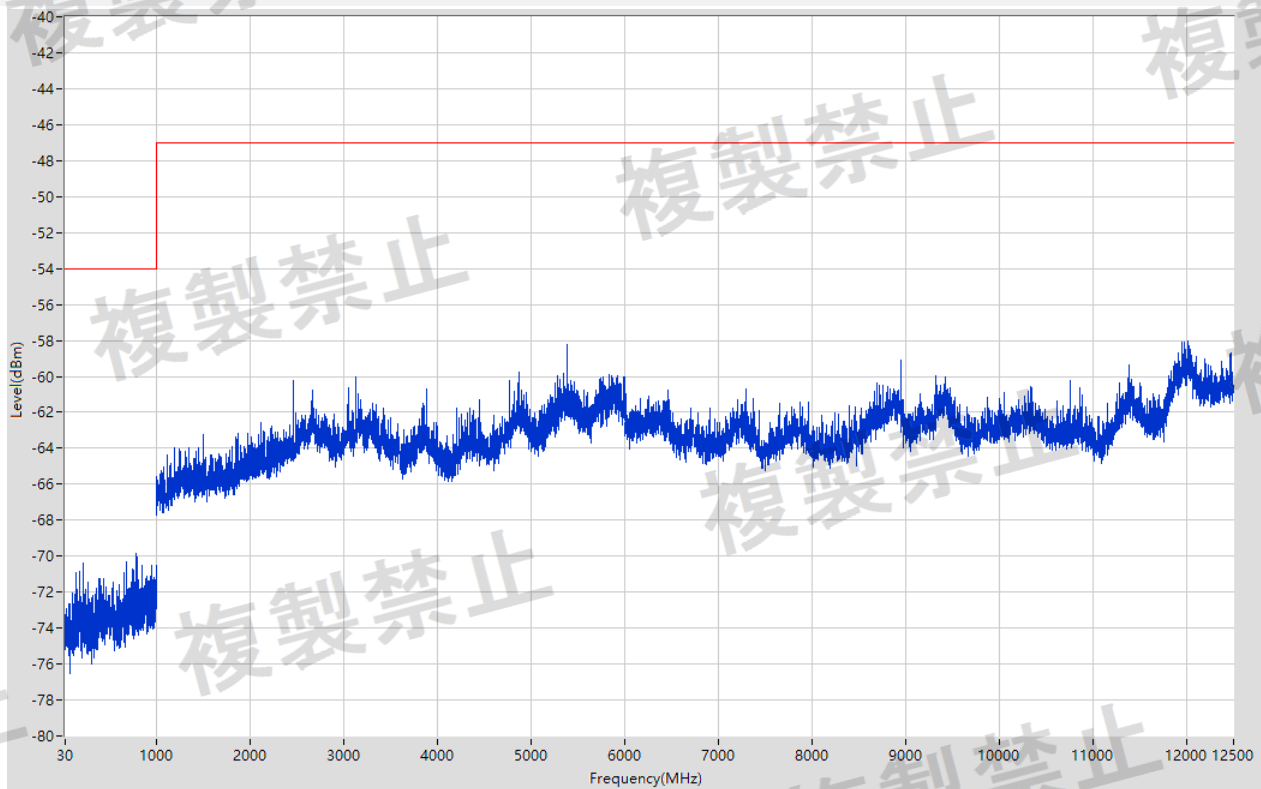
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	988.845	-81.43	0.01	-54	4.0	27.43	Pass
1000	6000	1	Peak	5367.5	-66.98	0.2	-47	20.0	19.98	Pass
6000	12500	1	Peak	12074.25	-64.78	0.33	-47	20.0	17.78	Pass

A.6.31 GFSK (BLE 1Mbps) NV Low Channel



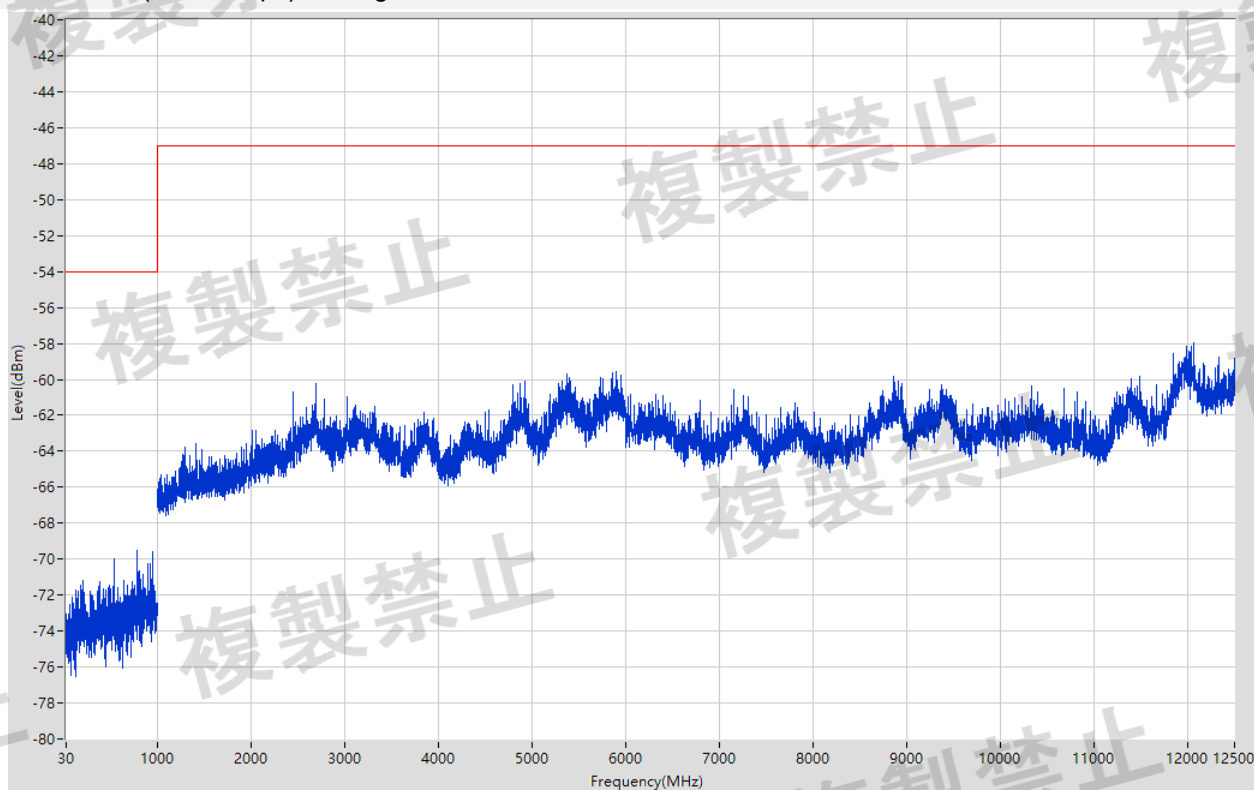
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	891.36	-70.03	0.1	-54	4.0	16.03	Pass
1000	6000	1	Peak	5927.5	-59.26	1.19	-47	20.0	12.26	Pass
6000	12500	1	Peak	12059.625	-58.11	1.54	-47	20.0	11.11	Pass

A.6.32 GFSK (BLE 1Mbps) NV Middle Channel



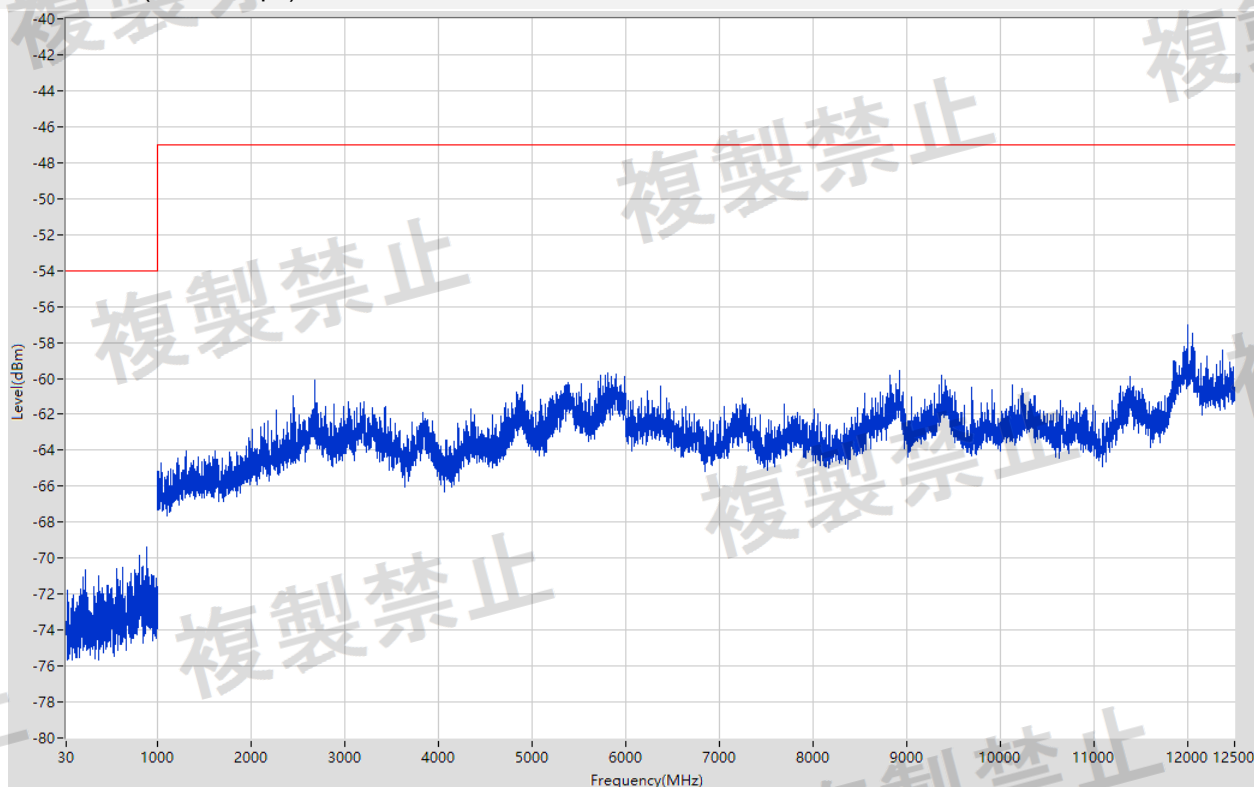
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	785.63	-69.84	0.1	-54	4.0	15.84	Pass
1000	6000	1	Peak	5388.75	-58.23	1.5	-47	20.0	11.23	Pass
6000	12500	1	Peak	12017.375	-58.04	1.57	-47	20.0	11.04	Pass

A.6.33 GFSK (BLE 1Mbps) NV High Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	786.6	-69.53	0.11	-54	4.0	15.53	Pass
1000	6000	1	Peak	5901.25	-59.57	1.11	-47	20.0	12.57	Pass
6000	12500	1	Peak	12059.625	-57.96	1.6	-47	20.0	10.96	Pass

A.6.34 GFSK (BLE 2Mbps) NV Low Channel



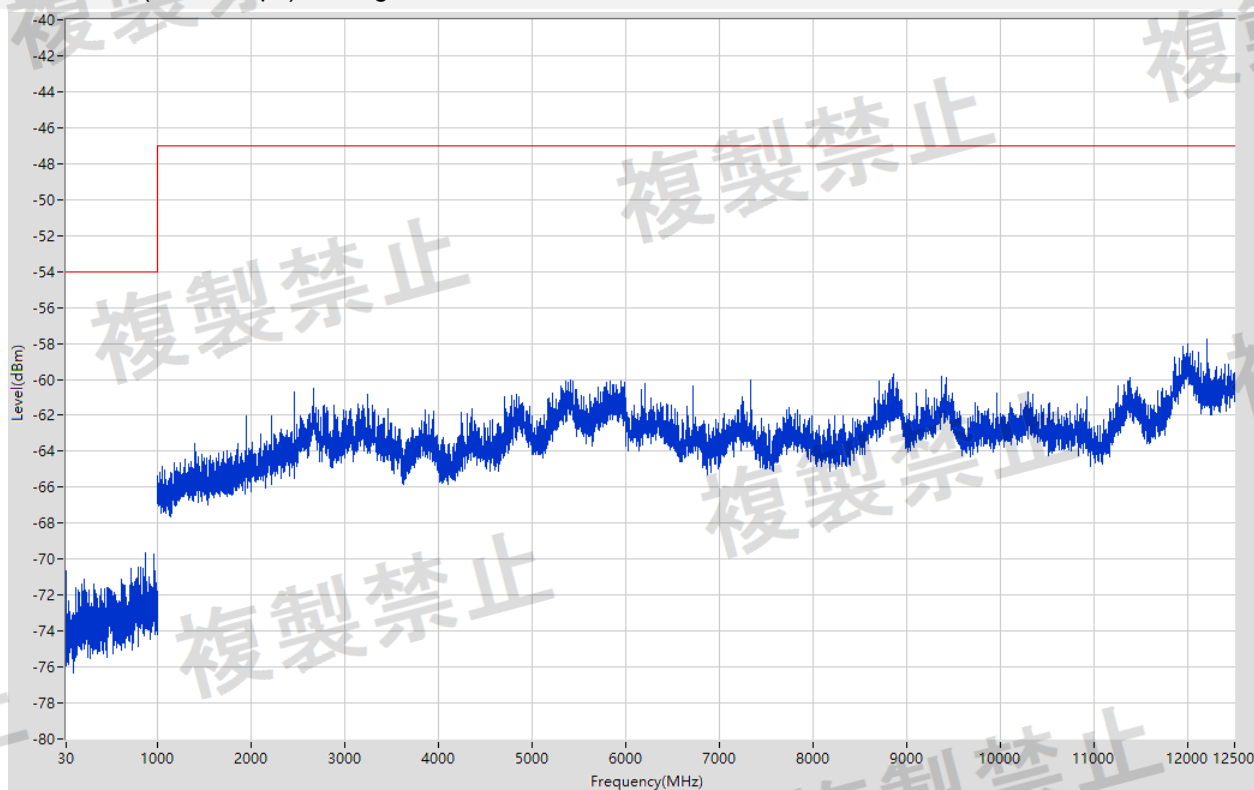
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	892.33	-69.37	0.12	-54	4.0	15.37	Pass
1000	6000	1	Peak	5808.75	-59.72	1.07	-47	20.0	12.72	Pass
6000	12500	1	Peak	12001.125	-57.04	1.98	-47	20.0	10.04	Pass

A.6.35 GFSK (BLE 2Mbps) NV Middle Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	645.95	-69.47	0.11	-54	4.0	15.47	Pass
1000	6000	1	Peak	5917.5	-58.97	1.27	-47	20.0	11.97	Pass
6000	12500	1	Peak	12415.5	-58.14	1.53	-47	20.0	11.14	Pass

A.6.36 GFSK (BLE 2Mbps) NV High Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Power (nW)	Limit (dBm)	Limit (nW)	Margin (dB)	Verdict
30	1000	0.1	Peak	874.87	-69.62	0.11	-54	4.0	15.62	Pass
1000	6000	1	Peak	5416.25	-60.05	0.99	-47	20.0	13.05	Pass
6000	12500	1	Peak	12201	-57.79	1.66	-47	20.0	10.79	Pass

A.7 Transmission Antenna Gain (EIRP Antenna Power) Measurement

Note: Not applicable.

A.8 Transmission Radiation Angle Width (3dB Bandwidth) Measurement

Note: Not applicable.

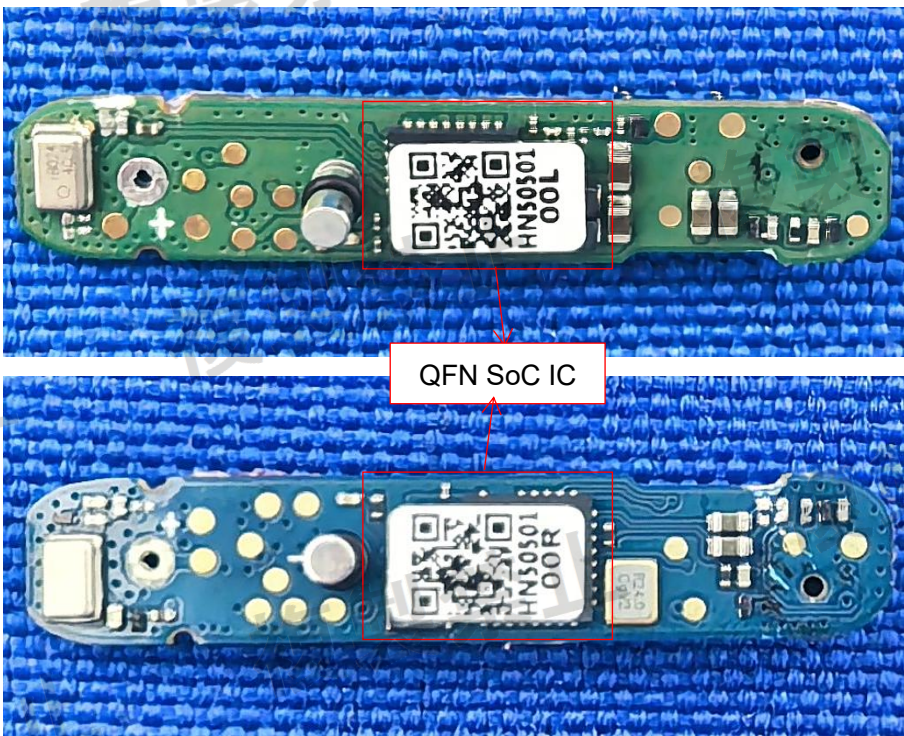
A.9 Radio Interference Prevention Capability Measurement

BD Address: 2CBEEEA1301D

Test Voltage	Test Result (ID Code)	Verdict
NV	GOOD	Pass

A.10 Construction Protection Confirmation Method

The RF and modulation portions are protected against illegal modification as following method:

Protected Method	Description
Structure protection	The RF Module is QFN SoC IC, and RF part is mounted on PCB with surface mount technology, can't be easily modified
Reference Photo	

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26040300-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26040300-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26040300-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the "inspection and testing dedicated stamp" or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--