

TEST REPORT

Report No.	CISRR26060101401
Project No.	CISR260601014
Applicant	ULTRAGADGET INNOVATIONS LIMITED
Address	RM H2 4/F CENTURY IND CTR 33-35 AU PUI WAN ST FO TAN SHA TIN HONG KONG China
Manufacturer	ULTRAGADGET INNOVATIONS LIMITED
Address	RM H2 4/F CENTURY IND CTR 33-35 AU PUI WAN ST FO TAN SHA TIN HONG KONG China
Product Name	Bluetooth Headphones
Trade mark	DOSS
Model/Type reference	B60
Listed Model(s)	-
Standard	Article 2 Paragraph 1 Item 19
Date of sample receipt	June 3, 2026
Test date	June 3, 2026 to June 8, 2026
Issue date	June 8, 2026
Test result	Complied

Morgan Tan

Reviewed by: Morgan Tan



Approved by: Hans Hu

The test results relate only to the tested samples.

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1. REPORT VERSION

Version No.	Issue date	Description
00	June 8, 2026	Original

2. TEST DESCRIPTION

No.	Test Item	Standard Requirement	Result
1	Tolerance of Frequency	Article 2 Paragraph 1 Item 19	Pass
2	Occupied Bandwidth (99%)	Article 2 Paragraph 1 Item 19	Pass
3	Spread Bandwidth (90%)	Article 2 Paragraph 1 Item 19	Pass
4	Spread Factor	Article 2 Paragraph 1 Item 19	Pass
5	Antenna Power and Tolerance	Article 2 Paragraph 1 Item 19	Pass
6	Spurious Emission Intensity	Article 2 Paragraph 1 Item 19	Pass
7	Secondary Radiated Emissions	Article 2 Paragraph 1 Item 19	Pass
8	Dwell Time	Article 2 Paragraph 1 Item 19	Pass
9	Interference Prevention Function	Article 2 Paragraph 1 Item 19	Pass
10	RF Accessibility	Article 49-20, paragraph 1(a)	Pass

Note:

- The measurement uncertainty is not included in the test result.

3. SUMMARY

3.1. Product Description

Main unit information:	
Product Name:	Bluetooth Headphones
Trade mark:	DOSS
Model No.:	B60
Listed Model(s):	-
Model difference:	-
Power supply:	DC 5V by USB port DC 3.7V by internal battery
Hardware version:	-
Software version:	-

3.2. Radio Specification Description

Modulation type:	GFSK, Pi/4-DQPSK,8DPSK
Operation frequency:	2402-2480MHz
Channel number:	79
Channel separation:	1MHz
Rated power:	0.02mW/MHz
Antenna type:	Chip Antenna
Antenna gain:	2.7dBi

Channel list:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471

10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461	-	-

3.3. Modification of EUT

No modifications are made to the EUT during all test items.

3.4. Deviation from standards

None

3.5. Testing Site

Laboratory Name	Shenzhen Bangce Testing Technology Co., Ltd.
Laboratory Location	101, building 10, Yunli Intelligent Park, Shutianpu community, Matian Street, Guangming District, Shenzhen, Guangdong, China
Contact information	Tel: 86-755-2319 6848, email: service@cis-cn.net Website: http://www.cis-cn.net/

4. TEST CONFIGURATION

4.1. Test frequency list

Lowest Channel (LCH) (MHz)	Middle Channel (MCH) (MHz)	Highest Channel (HCH) (MHz)
2402	2441	2480

4.2. Descriptions of test mode

No	Test mode	Description
Mode1	TX mode	Keep EUT in transmitting mode
Mode2	RX mode	Keep EUT in receiving mode

4.3. Environmental conditions

Type	Requirement
Temperature:	15~35°C
Relative Humidity:	25~75%
Air Pressure:	860~1060mbar

4.4. Test Voltage

The fluctuation of input voltage to the circuit of RF unit of test equipment is under $\pm 1\%$, when input voltage to the test equipment is fluctuated by $\pm 10\%$, So, all measurement has been conducted by only rated voltage.

The measurement result of the voltage fluctuation at RF circuit		
Test condition	EUT Voltage for operation	RF Circuitry Voltage
Normal Voltage	3.7V	3.3V
High Voltage (+10% of Normal Voltage)	4.07V	3.3V
Low Voltage (-10% of Normal Voltage)	3.33V	3.3V

4.4. Equipment Used during the Test

Tolerance of Frequency Occupied Bandwidth (99%) Spread Bandwidth (90%) Spread Factor Antenna Power and Tolerance Spurious Emission Intensity Secondary Radiated Emissions Dwell Time						
Item	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	Spectrum analyzer	ROHDE&SCHWARZ	FSV-40N	CIS-EE076	2026-01-06	2027-01-05
2	Notch Filter Assembly	WCS	SMU-1003	CIS-EE093	2026-01-06	2027-01-05
3	Vector Signal Generator	Agilent	N5182A	CIS-RE012	2026-01-06	2027-01-05
4	Analog Signal Generator	Agilent	N5181A	CIS-RE013	2026-01-06	2027-01-05
5	Test software	WCS	WCN-Regulator y	CIS-EE103	/	/

5. TEST RESULTS

5.1. Evaluation Results (Evaluation)

5.1.1. Interference Prevention Function

Test Requirement:	The EUT shall support one of the following functions: - Automatic identification transmission - Automatic identification reception
Test Method:	MIC Notice No.88 Appendix No.43
Procedure:	(1) For EUTs capable of automatically transmitting identification data a. Transmit identification data from EUT to Demodulator b. Confirm identification data is correctly received by Demodulator (2) For EUTs capable of automatically receiving identification data a. Transmit identification data from Link Partner to EUT b. Confirm communication link is established c. Link Partner shall respond by transmitting different identification data back to the EUT d. Confirm EUT stops transmitting, or confirm EUT recognizes that the two identification data are different

5.1.1.1. Test Result

Pass

5.1.1.2. Conclusion:

The detected ID of the device is below:40:00:00:02:C0:49

Test result: The device meet the requirements
PASS

5.1.2. RF Accessibility

Test Requirement:

The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.

5.1.2.1. Test Result

Pass

5.1.2.2. Conclusion:

Tamper proof declaration:

- ☐ Sealed with special screws.
- ☒ Plastic chassis is being welded using ultrasonic waves.
- ☐ Chassis is glued using a special adhesive
- ☐ Metal covers are spot-fused.
- ☐ Cover is specially interlocked.
- ☐ RF and modulation components are covered with shielding case and this shielding case is soldered.
- ☐ Shielded case is welded at RF and modulation parts, and ID-ROM is welded using the BGA method.
- ☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
- ☐ Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.
- ☒ RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable parts on PCB or adjustable parts are not exposed.

5.2. Radio Spectrum Matter Test Results (RF)

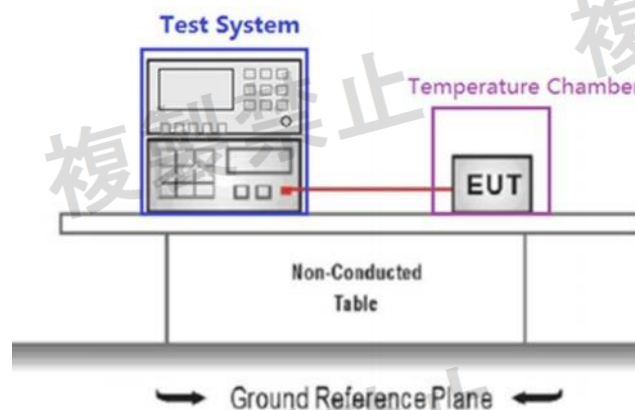
5.2.1. Tolerance of Frequency

Test Requirement:	Article 2 Paragraph 1 Item 19	
Test Limit:	±50ppm or less.	
Test Method:	MIC Notice No.88 Appendix No.43	
Procedure:	Center frequency:	Test frequency
	Span:	1MHz
	RBW:	10 kHz
	VBW:	10 kHz
	Sweep data points:	1001 or greater
	Sweep time:	Auto
	Detector mode:	Positive peak
	Indication mode:	Max hold
	If the EUT cannot transmit in un-modulated mode then modulated mode measurements can be made, as follows: If the spectrum observed using the spectrum analyzer has a characteristic dip at the center, then the center frequency of the dip shall be regarded as the center frequency of the carrier.	

5.2.1.1. E.U.T. Operation

Operating Environment:					
Temperature:	23.1 °C	Humidity:	55.3 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.1.2. Test Setup Diagram



5.2.1.3. Test Result

Pass

5.2.1.4. Test Data

Please Refer to Appendix for Details.

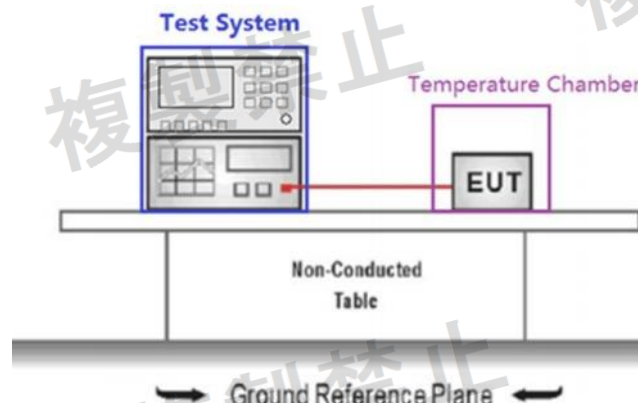
5.2.2. Occupied Bandwidth (99%)

Test Requirement:	Article 2 Paragraph 1 Item 19	
Test Limit:	For FHSS or FHSS and other modulation Hybrid: 83.5 MHz or less: The measured bandwidth at the low and high channels shall meet the following requirements: - The lowest frequency of the measured bandwidth shall not be less than 2400 MHz - The highest frequency of the measured bandwidth shall not be greater than 2483.5 MHz [Occupied Bandwidth] 83.5 MHz or less	
Test Method:	MIC Notice No.88 Appendix No.43	
Procedure:	enter frequency:	Test frequency
	Span:	2 - 3.5 times the technical standard
	RBW:	Within 3% of the technical standard
	VBW:	Same as RBW
	Sweep data points:	1001 or greater
	Sweep time:	Auto
	Detector mode:	Positive peak
	Indication mode:	Max hold
	BW setting:	99%

5.2.2.1. E.U.T. Operation

Operating Environment:					
Temperature:	23.5 °C	Humidity:	55.1 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.2.2. Test Setup Diagram



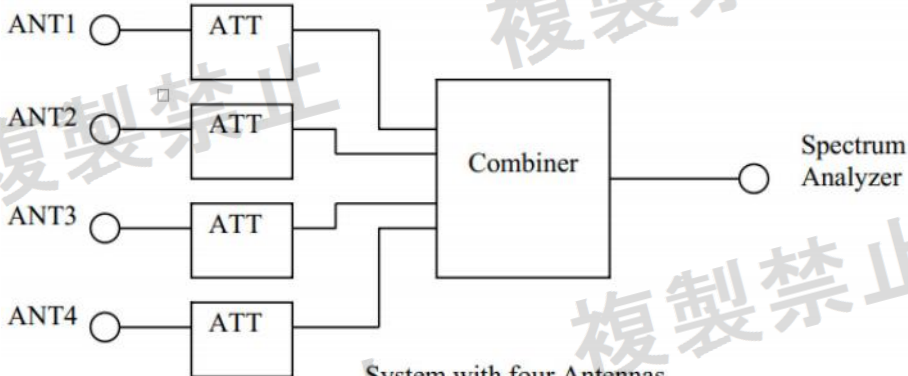
5.2.2.3. Test Result

Pass

5.2.2.4. Test Data

Please Refer to Appendix for Details.

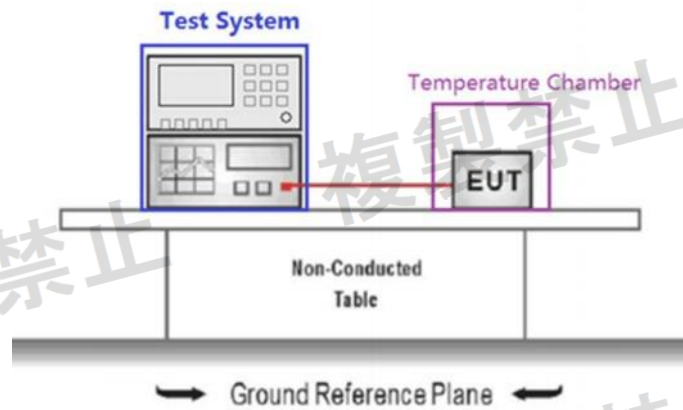
5.2.3. Spread Bandwidth (90%)

Test Requirement:	Article 2 Paragraph 1 Item 19																		
Test Limit:	Only for report use.																		
Test Method:	MIC Notice No.88 Appendix No.43																		
Procedure:	<table border="1"> <tr> <td>Center Frequency:</td><td>Test frequency</td></tr> <tr> <td>Span:</td><td>2 - 3.5 times the technical standard</td></tr> <tr> <td>RBW:</td><td>Within 3% of the technical standard</td></tr> <tr> <td>VBW:</td><td>Same as RBW</td></tr> <tr> <td>Sweep time:</td><td>Auto</td></tr> <tr> <td>Sweep data points:</td><td>1001 or greater</td></tr> <tr> <td>Detector mode:</td><td>Positive peak</td></tr> <tr> <td>Indication mode:</td><td>Max hold</td></tr> <tr> <td>BW setting:</td><td>90%</td></tr> </table> (1) Measure the signal bandwidth using a spectrum analyzer (2) For multiple antenna systems: a) Each antenna shall be individually measured b) If the measured occupied bandwidth for any antenna exceeds [(Occupied Bandwidth Limit) – 100kHz] then, in addition, the occupied bandwidth shall be measured with all antennas combined – see diagram below:  System with four Antennas	Center Frequency:	Test frequency	Span:	2 - 3.5 times the technical standard	RBW:	Within 3% of the technical standard	VBW:	Same as RBW	Sweep time:	Auto	Sweep data points:	1001 or greater	Detector mode:	Positive peak	Indication mode:	Max hold	BW setting:	90%
Center Frequency:	Test frequency																		
Span:	2 - 3.5 times the technical standard																		
RBW:	Within 3% of the technical standard																		
VBW:	Same as RBW																		
Sweep time:	Auto																		
Sweep data points:	1001 or greater																		
Detector mode:	Positive peak																		
Indication mode:	Max hold																		
BW setting:	90%																		

5.2.3.1. E.U.T. Operation

Operating Environment:					
Temperature:	23.2 °C	Humidity:	56.7 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.3.2. Test Setup Diagram



5.2.3.3. Test Result

Pass

5.2.3.4. Test Data

Please Refer to Appendix for Details.

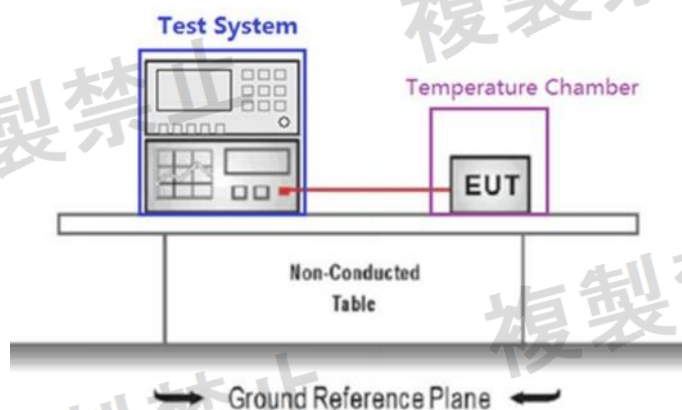
5.2.4. Spread Factor

Test Requirement:	Article 2 Paragraph 1 Item 19
Test Limit:	The spread factor should be more than 5.
Test Method:	The test method is the same as spread bandwidth.
Procedure:	The test procedure is the same as spread bandwidth.

5.2.4.1. E.U.T. Operation

Operating Environment:					
Temperature:	22.2 °C	Humidity:	56.7 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.4.2. Test Setup Diagram



5.2.4.3. Test Result

Pass

5.2.4.4. Test Data

Please Refer to Appendix for Details.

5.2.5. Antenna Power and Tolerance

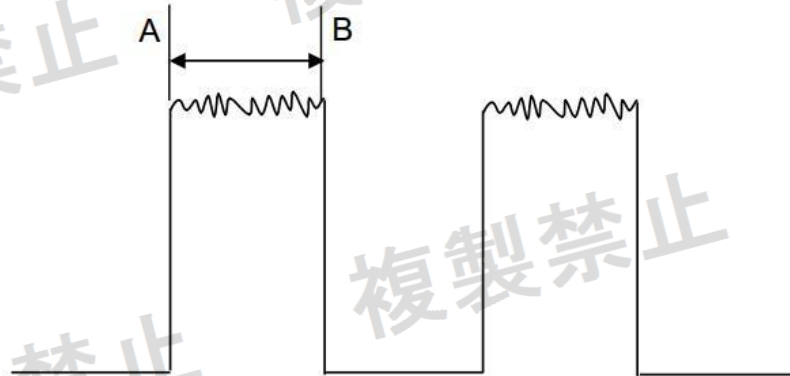
Test Requirement:	Article 2 Paragraph 1 Item 19	
Test Limit:	Antenna Power: 3 mW/MHz or less Tolerance: +20% or less EIRP: 16.91dBm/MHz	
Test Method:	MIC Notice No.88 Appendix No.43	
Procedure:	[Setting 1] – Search for peak power frequency	
	Center Frequency:	Test frequency
	Span:	Approximately twice the occupied bandwidth
	RBW:	1MHz
	VBW:	Approximately three times the RBW
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold
	[Setting 2] – Measurement of average antenna power for FHSS, DSSS, OFDM	
	Frequency:	Frequency of peak power found using [Setting 1]
	Span:	0 Hz
	RBW:	3 MHz (FHSS-Channel Spacing $\leq$ 1MHz) 1MHz (DSSS, OFDM, FHSS-Channel Spacing $>$ 1MHz)
	Detector mode:	Sample
	Sweep:	Minimum time required to make an accurate measurement.
		For burst type (intermittent) transmission sweep time shall be greater than one burst interval
	Sweep data points:	1001 or greater
	[Setting 3] – Measurement of average antenna power other than for FHSS, DSSS, OFDM	
	Frequency:	Frequency of peak power found using [Setting 1]
	Span:	0 Hz
	RBW:	Bandwidth sufficient to cover that occupied by the carrier
	VBW:	Bandwidth sufficient to cover that occupied by the carrier
	Detector mode:	Sample
	Sweep:	Minimum time required to make an accurate measurement.
		For burst type (intermittent) transmission sweep time shall be greater than one burst interval
	Sweep data points:	1001 or greater
	- A hopping transmission separation of 1MHz or less with a constant transmission	

interval

- The transmission probability is equal for all hopping frequencies Procedure:
(1) After configuring the spectrum analyzer to [Setting 1], find the frequency of maximum transmitted power

(2) After configuring the spectrum analyzer to [Setting 2], measure the Average Burst Power of the frequency found in (1)

Note: Measure the period A-B in the figure below:



Measurement of Average Burst Power (A to B)

(3) Calculate Antenna Power using the following formula:

Antenna Power (W/MHz) = Average Burst Power (W) / Spread Bandwidth (MHz)

[Note]

Spread Bandwidth in the formula above is derived from the data collected in section 5 (Occupied Bandwidth (99%) and Spread Bandwidth (90%))

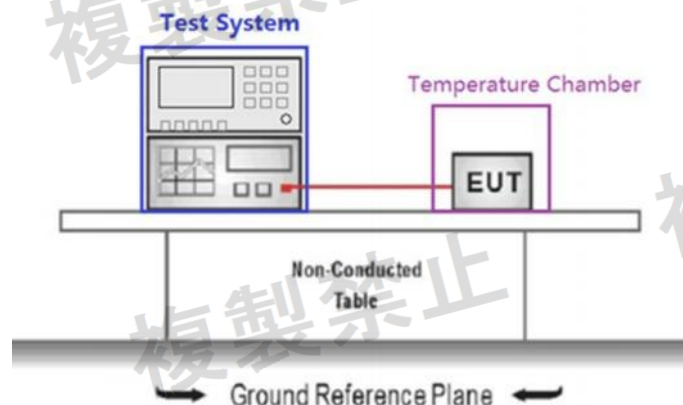
(4) If the EUT has multiple antennas then each antenna power output shall be measured individually – the sum of these individual measurements shall represent the power output value

5.2.5.1. E.U.T. Operation

Operating Environment:

Temperature:	22.8 °C	Humidity:	55.5 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.5.2. Test Setup Diagram



5.2.5.3. Test Result

Pass

5.2.5.4. Test Data

Please Refer to Appendix for Details.

5.2.6. Spurious Emission Intensity

Test Requirement:	Article 2 Paragraph 1 Item 19	
Test Limit:	(1) Below 2387 MHz: 2.5 μ W (-26 dBm)/MHz or less (2) 2387 to 2400 MHz: 25.0 μ W (-16 dBm)/MHz or less (3) 2483.5 to 2496.5 MHz: 25.0 μ W (-16 dBm)/MHz or less (4) Over 2496.5 MHz: 2.5 μ W (-26 dBm)/MHz or less	
Test Method:	MIC Notice No.88 Appendix No.43	
Procedure:	[Setting 1] Frequency range: (see Note 1) RBW: 1 MHz VBW: 1 MHz Sweep time: Minimum time required to make an accurate measurement Sweep Data Points: 1001 or greater Detector mode: Positive peak Indication mode: Max hold (see Note 2) Note 1: Measurement range shall be 30 MHz to 12.5 GHz, except for the following cases: -FHSS, FHSS+DSSS, FHSS+OFDM: 2374 MHz to 2509.5 MHz -Other than FHSS, FHSS+DSSS, FHSS+OFDM: 2400 MHz to 2483.5 MHz Note 2: Sweep shall be repeated until the max hold waveform is stable.	
	[Setting 2] Center frequency: Frequency of spurious emission found using [Setting 1] Span: 0 Hz RBW: 1 MHz VBW: 1 MHz Sweep time: Minimum time required to make an accurate measurement. For burst type (intermittent) spurious emissions, sweep time shall be greater than one burst interval Sweep Data Points: 1001 or greater Detector mode: Sample [Setting 3] Frequency range: 2374 MHz to 2400 MHz 2483.5 MHz to 2509.5 MHz RBW: 30 kHz VBW: 30 kHz Sweep time: Minimum time required to make an accurate measurement. Sweep data points: 1001 or greater	

Detector mode:	Positive peak
Indication mode:	Max hold

(1) After configuring the spectrum analyzer to [Setting 1], search for spurious emissions from 30 MHz to 12.5 GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points]. If spurious emissions greater than [Limit - 3dB] are found, then more detailed measurements are required, go to step (2)

(2) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude.
If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time.
If spurious emissions ranging from 30 MHz to 2374 MHz and from 2509.5MHz to 12.5GHz are over the limit, then the test result is Fail.
If spurious emissions ranging from 2374 MHz to 2400 MHz and from 2483.5 MHz to 2509.5 MHz are over the limit, then further detailed measurements are required, go to step (3)

(3) In the following cases, measure the spurious emissions using [Setting 3]
- Case1: FHSS, FHSS+DSSS, FHSS+OFDM
- Case2: Other than FHSS, FHSS+DSSS, FHSS+OFDM, and the spurious emissions in step (2) are over the limit

(4) Calculate the spurious emission value (Calculated Value) using following the formula below:
Calculated Value = (Measured Value using (3) + 15.2dB)
Note: 15.2dB adjustment is derived from the Conversion Factor of RBW
Conversion Factor of RBW = 10 x Log (Reference Bandwidth / RBW of measurement) = 15.2 [dB] Where: Reference Bandwidth = 1 MHz
RBW of measurement = 30 kHz

(5) If the calculated value using (4) is over the Limit (section 6.7), go to (6)

(6) Configure the spectrum analyzer to [Setting 3] then make the following changes:
Frequency: Frequency of spurious emission
Span: 1 MHz

(7) After sweep, send the span data set to the PC

(8) Convert measured data from dBm to Watts

(9) Sum all the data using the formula below. If the sum is within the limit, the test result is Pass, otherwise, Fail

$$P_s = \left(\sum_{i=1}^n E_i \right) \times \frac{S_w}{RBW \times k \times n}$$

Ps: Sum (Watts)

Ei: Measured value at each point in the Span (Watts) Sw: Span (1MHz)

n: Number of measurement points in the Span

k: Correction factor for Equivalent Noise Bandwidth, specific to each spectrum analyzer, check the instrument user guide

RBW: Resolution Bandwidth (MHz).

(10) If the EUT has multiple antennas, measure the spurious emission form each individual antenna using steps (1) through (9)

(11) Convert the individual antenna spurious level measurements (step (10)) from dB to absolute values

(12) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions)

(13) Ensure that the composite spectrum does not exceed the Limit defined in 6.7 (Technical Standard)

(14) Configuring the spectrum analyzer using [Setting 3] and measure the spurious

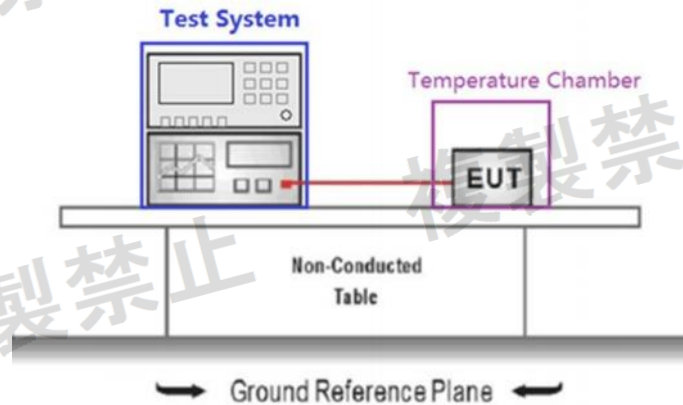
emissions with all the antennas electrically combined

5.2.6.1. E.U.T. Operation

Operating Environment:

Temperature:	22.6 °C	Humidity:	55 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.6.2. Test Setup Diagram



5.2.6.3. Test Result

Pass

5.2.6.4. Test Data

Please Refer to Appendix for Details.

5.2.7. Secondary Radiated Emissions

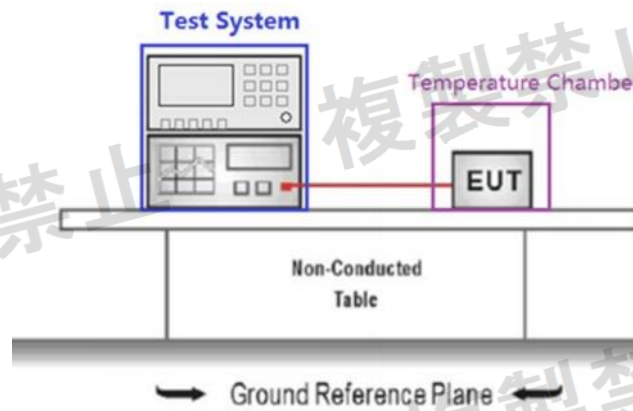
Test Requirement:	Article 2 Paragraph 1 Item 19	
Test Limit:	(1) Below 1 GHz: 4 nW (-54dBm) or less (2) Above 1 GHz: 20 nW (-47dBm) or less	
Test Method:	MIC Notice No.88 Appendix No.43	
Procedure:	[Setting 1]	
	Frequency range:	30 MHz ~ 12.5 GHz
	RBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	VBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Positive peak
	Indication mode:	Max hold
	[Setting 2]	
	Center Frequency:	Frequency of spurious emission found using [Setting 1]
	Span:	0 Hz
	RBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	VBW:	Below 1 GHz:100 kHz
		Above 1 GHz:1 MHz
	Sweep time:	Auto
	Sweep data points:	1001 or greater
	Detector mode:	Sample
	(1) Configure the spectrum analyzer to [Setting 1] and then search for spurious emissions in the range 30 MHz to 12.5GHz. If the sweep range does not cover the required measurement frequency range then the measurement range will need to be divided into sufficient sections of size [RBW x Sweep Data Points].	
	(2) If spurious emissions are found with an amplitude greater than [Limit - 10dB] then perform further detailed measurements as described in (3)	
	(3) Configure the spectrum analyzer using [Setting 2] and measure the average signal amplitude.	
	If the spurious emission is burst type (intermittent), then the average value shall not include signal OFF time Multiple Antenna Systems	
	If the EUT has multiple antennas then emissions from each antenna shall be measured individually, as described below	
	(4) For each antenna repeat steps (1) through (3). Convert all spurious level measurements from dB to absolute value	
	(5) Combine (sum) the absolute values of the spurious measurements at each frequency for each antenna (to create a single composite spectrum of spurious emissions)	
(6) Ensure that the composite spectrum does not exceed the Limit		

5.2.7.1. E.U.T. Operation

Operating Environment:				
Temperature:	22.9 °C	Humidity:	56.4 %	Atmospheric Pressure: 102.4 kPa
Pre test mode:	Mode2			

Final test mode:	Mode2
------------------	-------

5.2.7.2. Test Setup Diagram



5.2.7.3. Test Result

Pass

5.2.7.4. Test Data

Please Refer to Appendix for Details.

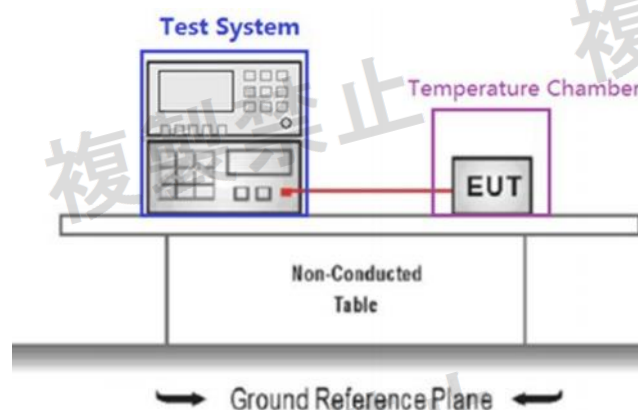
5.2.8. Dwell Time

Test Requirement:	Article 2 Paragraph 1 Item 19	
Test Limit:	Transmit ON Time shall be less than 0.4 seconds Total Dwell Time shall be less than 0.4 seconds	
Test Method:	MIC Notice No.88 Appendix No.43	
Procedure:	[Setting 1]	
	Frequency:	Test frequency
	Span:	0 Hz
	RBW:	1 MHz
	VBW:	1 MHz
	Sweep data points:	1001 or greater
	Trigger:	Video trigger
	Detection mode:	Positive peak
	(1) Configure the spectrum analyzer to [Setting 1]	
	(2) Measure the Burst Cycle and Transmit ON Time	
	(3) Total Dwell Time shall be calculated by the following formula: Total Dwell Time = (0.4 x Spreading Rate x Transmit ON Time) / (Burst Cycle x Number of Hopping Channels) [Notes]	
	a. Spreading Rate = Spread Bandwidth (measured value) / Transmission Rate	
	b. Transmit ON Time and Burst Cycle are both measured in Seconds	
	c. Numerical Coefficient (0.4) is a dimensionless number defined in the technical standard	

5.2.8.1. E.U.T. Operation

Operating Environment:					
Temperature:	23.3 °C	Humidity:	55.4 %	Atmospheric Pressure:	102.4 kPa
Pre test mode:	Mode1				
Final test mode:	Mode1				

5.2.8.2. Test Setup Diagram



5.2.8.3. Test Result

Pass

5.2.8.4. Test Data

Please Refer to Appendix for Details.

6. APPENDIX REPORT

6.1. Frequency Tolerance

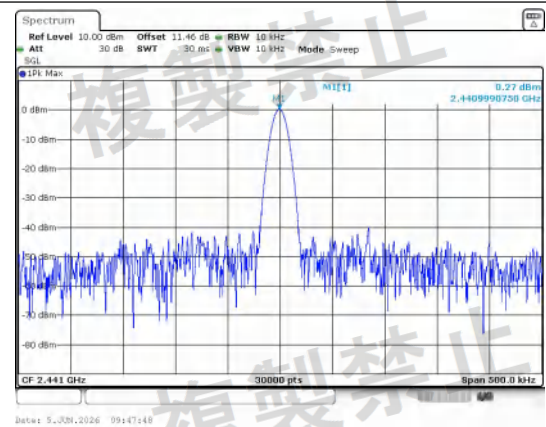
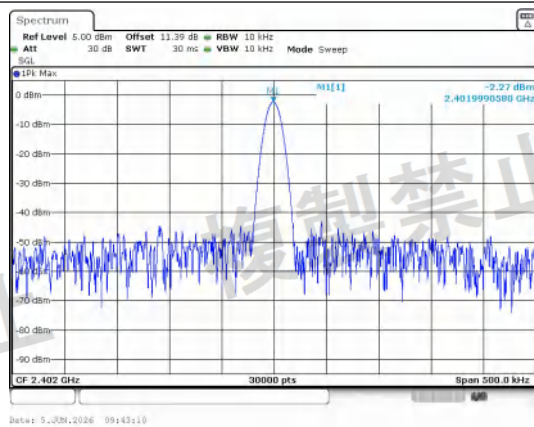
Test Result

Left:

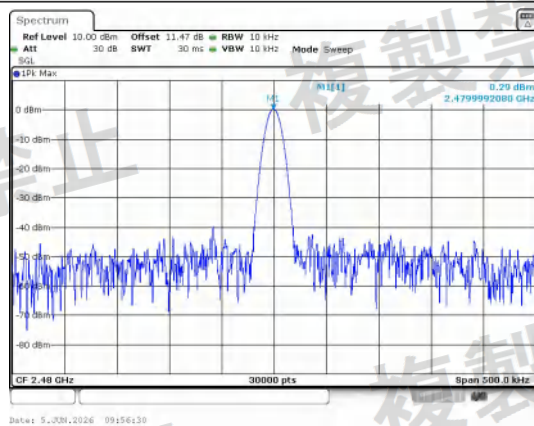
Condition	Mode	Ch.	Center Frequency (MHz)	Measured Value (MHz)	Result (ppm)	Limit (ppm)	Result
NT/NV	GFSK(CW)	0	2402	2401.9990580	-0.39	± 50	PASS
NT/NV	GFSK(CW)	39	2441	2440.9990750	-0.38	± 50	PASS
NT/NV	GFSK(CW)	78	2480	2479.9992080	-0.32	± 50	PASS
NT/NV	$\pi/4$ DQPSK(CW)	0	2402	2401.9994420	-0.23	± 50	PASS
NT/NV	$\pi/4$ DQPSK(CW)	39	2441	2440.9990250	-0.40	± 50	PASS
NT/NV	$\pi/4$ DQPSK(CW)	78	2480	2479.9989920	-0.41	± 50	PASS
NT/NV	8DPSK(CW)	0	2402	2401.9993580	-0.27	± 50	PASS
NT/NV	8DPSK(CW)	39	2441	2440.9992420	-0.31	± 50	PASS
NT/NV	8DPSK(CW)	78	2480	2479.9990750	-0.37	± 50	PASS

Test Graphs

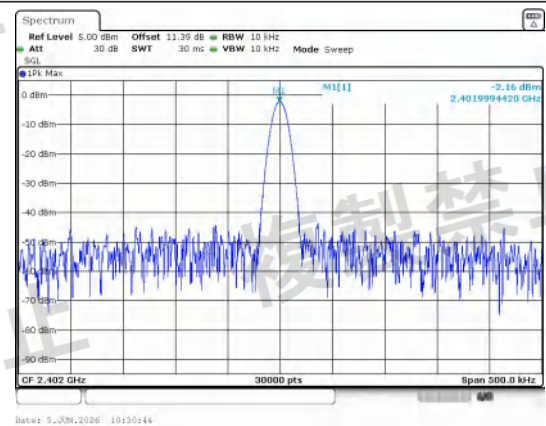
NT/NV



NT/NV_DH5_Channel 0

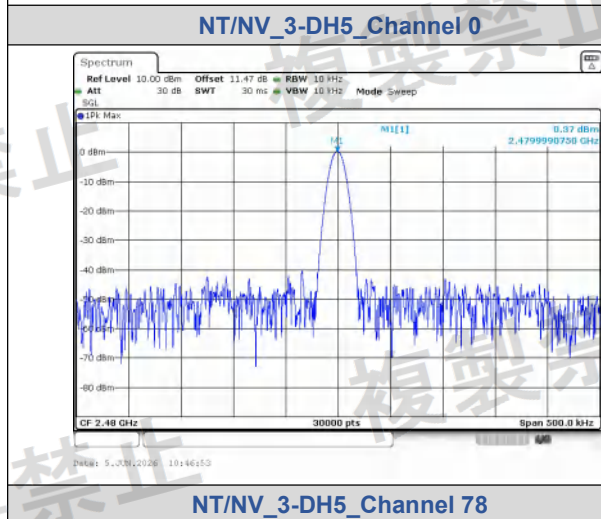
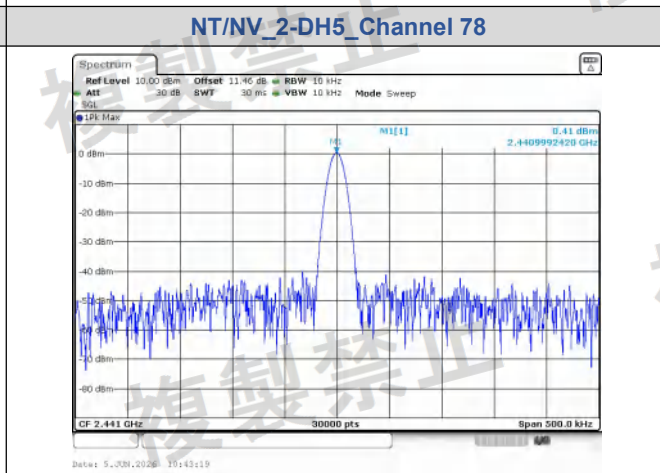
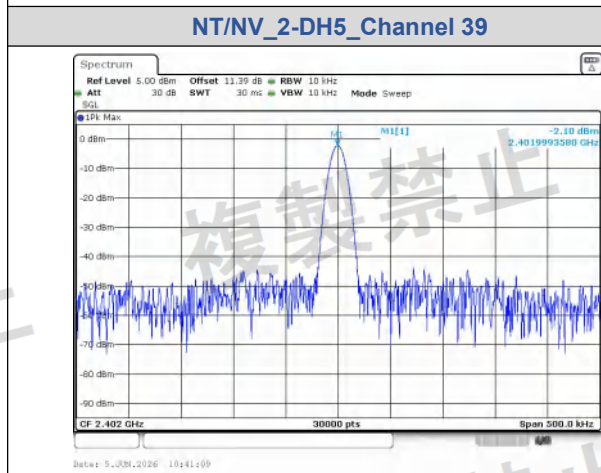
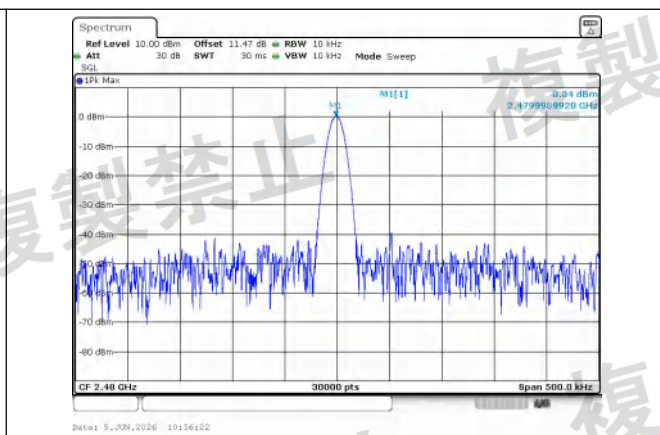
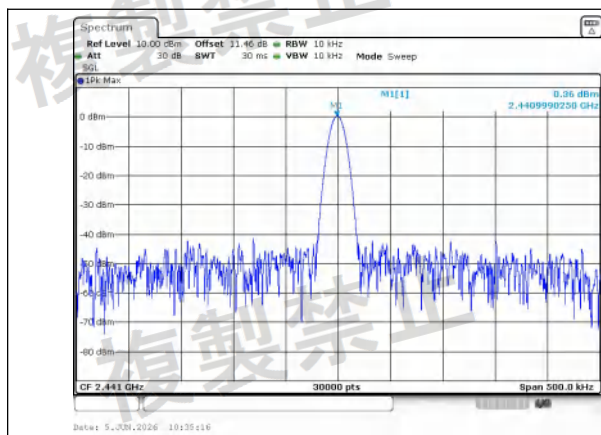


NT/NV_DH5_Channel 39



NT/NV_DH5_Channel 78

NT/NV_2-DH5_Channel 0

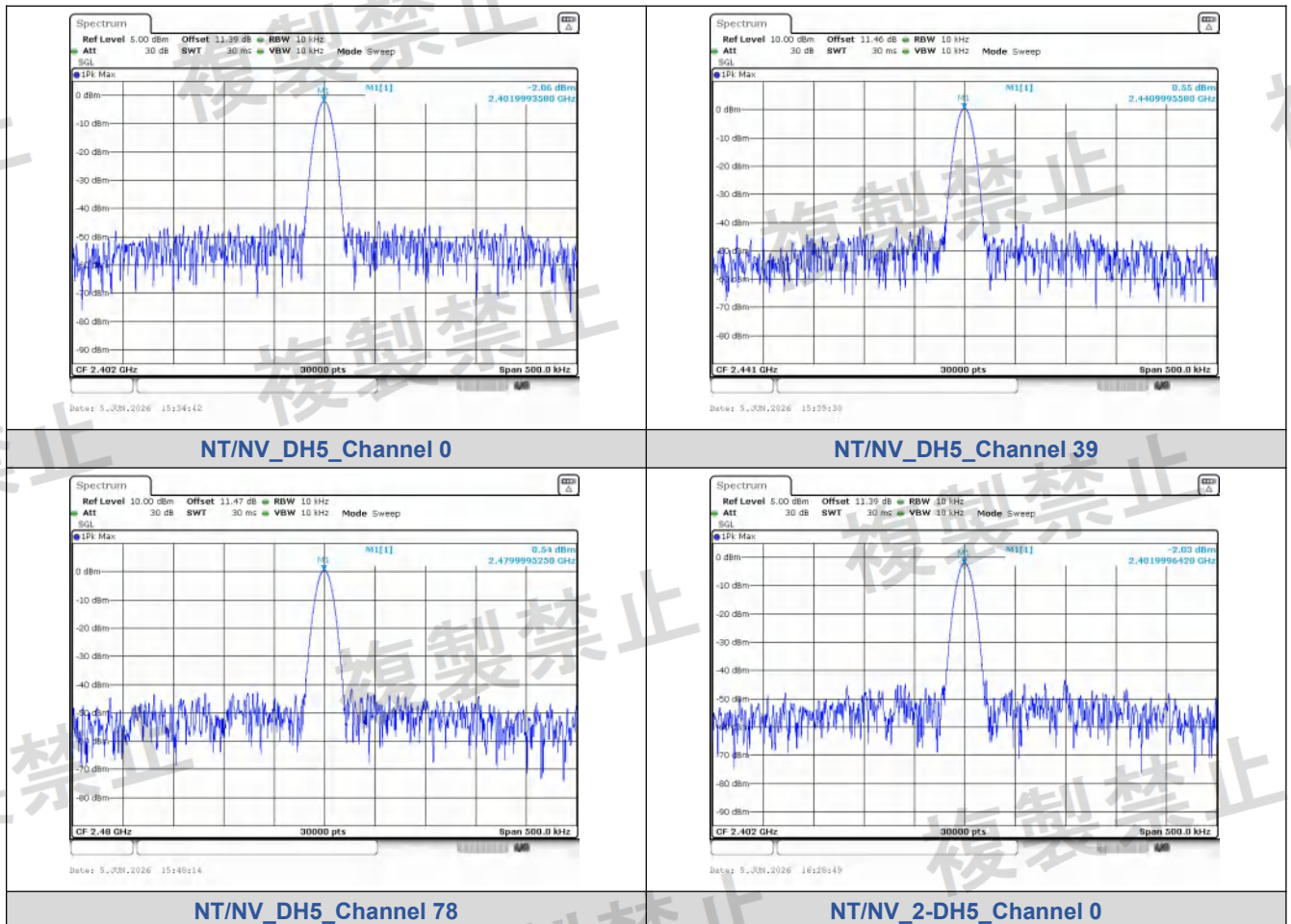


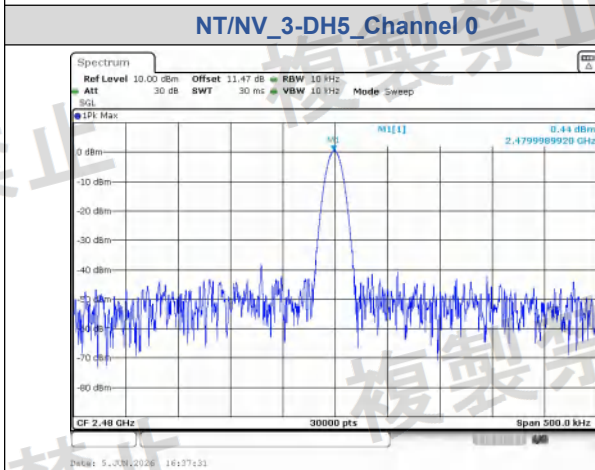
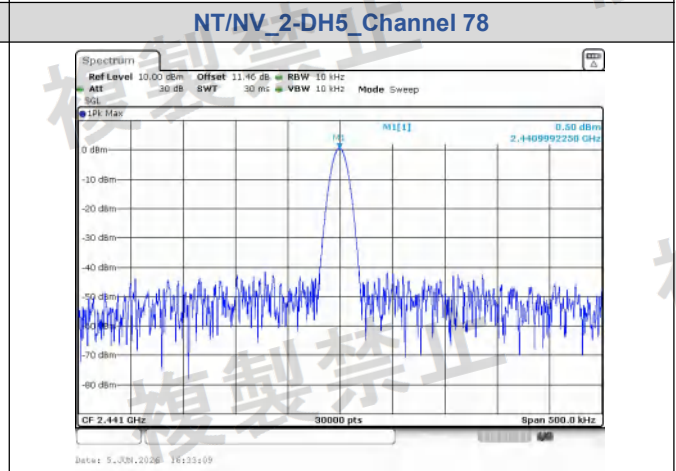
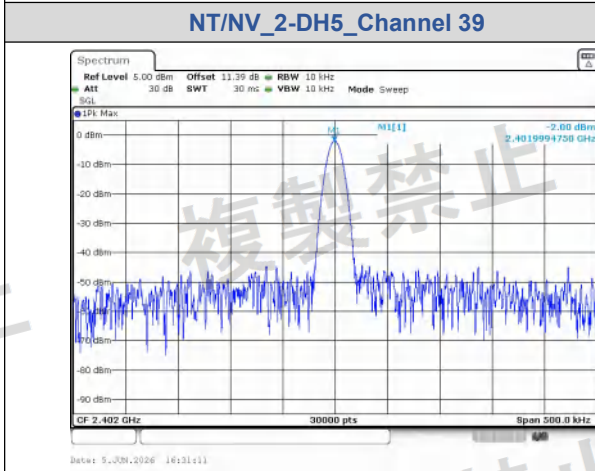
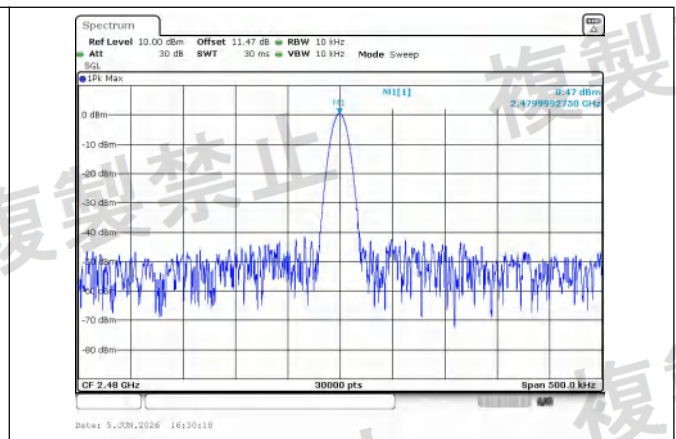
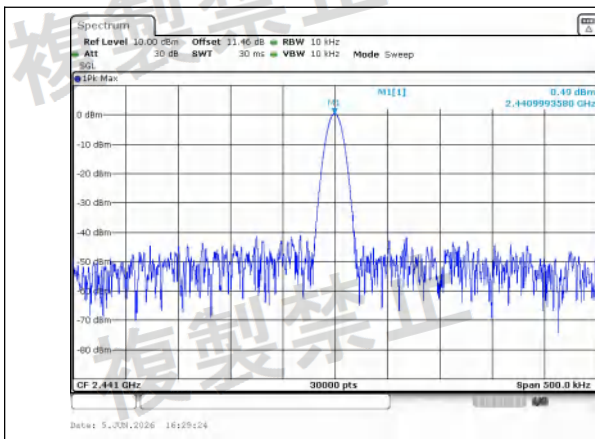
Right:

Condition	Mode	Ch.	Center Frequency (MHz)	Measured Value (MHz)	Result (ppm)	Limit (ppm)	Result
NT/NV	GFSK(CW)	0	2402	2401.9993580	-0.27	± 50	PASS
NT/NV	GFSK(CW)	39	2441	2440.9995580	-0.18	± 50	PASS
NT/NV	GFSK(CW)	78	2480	2479.9995250	-0.19	± 50	PASS
NT/NV	$\pi/4$ DQPSK(CW)	0	2402	2401.9996420	-0.15	± 50	PASS
NT/NV	$\pi/4$ DQPSK(CW)	39	2441	2440.9993580	-0.26	± 50	PASS
NT/NV	$\pi/4$ DQPSK(CW)	78	2480	2479.9992750	-0.29	± 50	PASS
NT/NV	8DPSK(CW)	0	2402	2401.9994750	-0.22	± 50	PASS
NT/NV	8DPSK(CW)	39	2441	2440.9992250	-0.32	± 50	PASS
NT/NV	8DPSK(CW)	78	2480	2479.9989920	-0.41	± 50	PASS

Test Graphs

NT/NV





6.2. Antenna Power

Test Result

Left:

Normal Mode

Condition	Modulation	Frequency (MHz)	Antenna power (dBm/MHz)	Antenna power (mW/MHz)	Antenna power density (mW/MHz)	Limit (mW/MHz)	Result
NT/NV	GFSK_DH5	2402	-0.73	0.845	0.012	3	PASS
		2441	-1.66	0.682	0.009	3	PASS
		2480	-0.96	0.801	0.011	3	PASS
	π/4DQPSK_2-DH5	2402	-0.83	0.826	0.011	3	PASS
		2441	-1.59	0.693	0.010	3	PASS
		2480	-0.92	0.809	0.011	3	PASS
	8DPSK_3-DH5	2402	-0.73	0.845	0.012	3	PASS
		2441	-1.55	0.699	0.010	3	PASS
		2480	-0.66	0.859	0.012	3	PASS

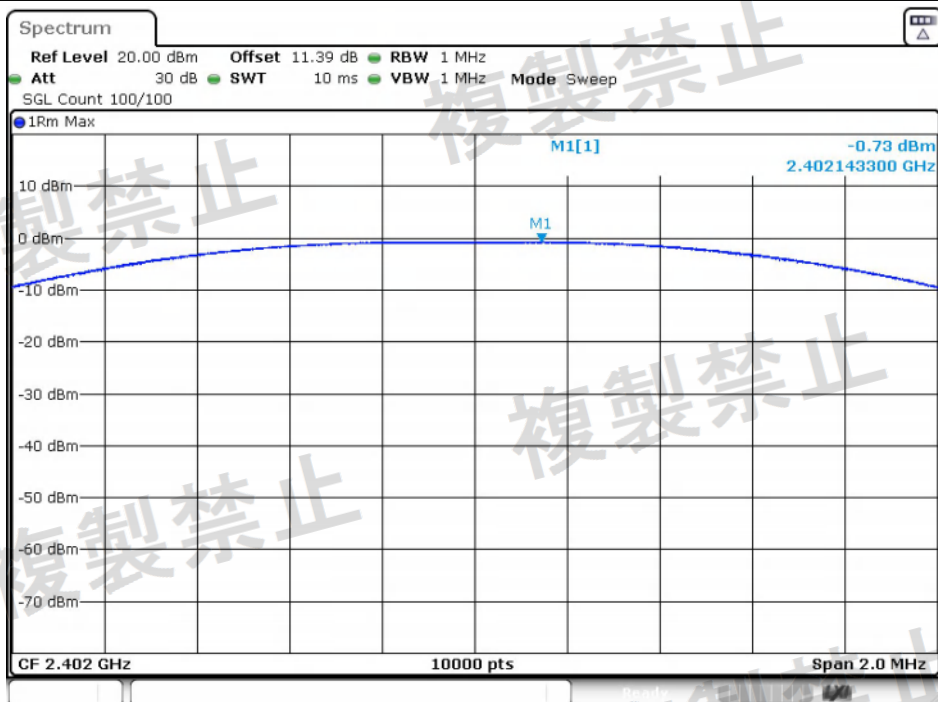
Condition	Modulation	Frequency (MHz)	Antenna power density (mW/MHz)	Rated power (mW/MHz)	Tolerance (%)	Tolerance Limit (%)	Result
NT/NV	GFSK_DH5	2402	0.012	0.02	-40.00%	+20	PASS
		2441	0.009		-55.00%	+20	PASS
		2480	0.011		-45.00%	+20	PASS
	π/4DQPSK_2-DH5	2402	0.011		-45.00%	+20	PASS
		2441	0.010		-50.00%	+20	PASS
		2480	0.011		-45.00%	+20	PASS
	8DPSK_3-DH5	2402	0.012		-40.00%	+20	PASS
		2441	0.010		-50.00%	+20	PASS
		2480	0.012		-40.00%	+20	PASS

Condition	Mode	Frequency (MHz)	Antenna power density (mW/MHz)	Gain(dBi)	EIRP (mW/MHz)	Limit (mW/MHz)	Result
NT/NV	GFSK_DH5	2402	0.012	2.7	0.022	4.91	PASS
		2441	0.009	2.7	0.017	4.91	PASS
		2480	0.011	2.7	0.020	4.91	PASS
	π/4DQPSK_2-DH5	2402	0.011	2.7	0.020	4.91	PASS
		2441	0.010	2.7	0.019	4.91	PASS
		2480	0.011	2.7	0.020	4.91	PASS
	8DPSK_3-DH5	2402	0.012	2.7	0.022	4.91	PASS
		2441	0.010	2.7	0.019	4.91	PASS
		2480	0.012	2.7	0.022	4.91	PASS

Note:

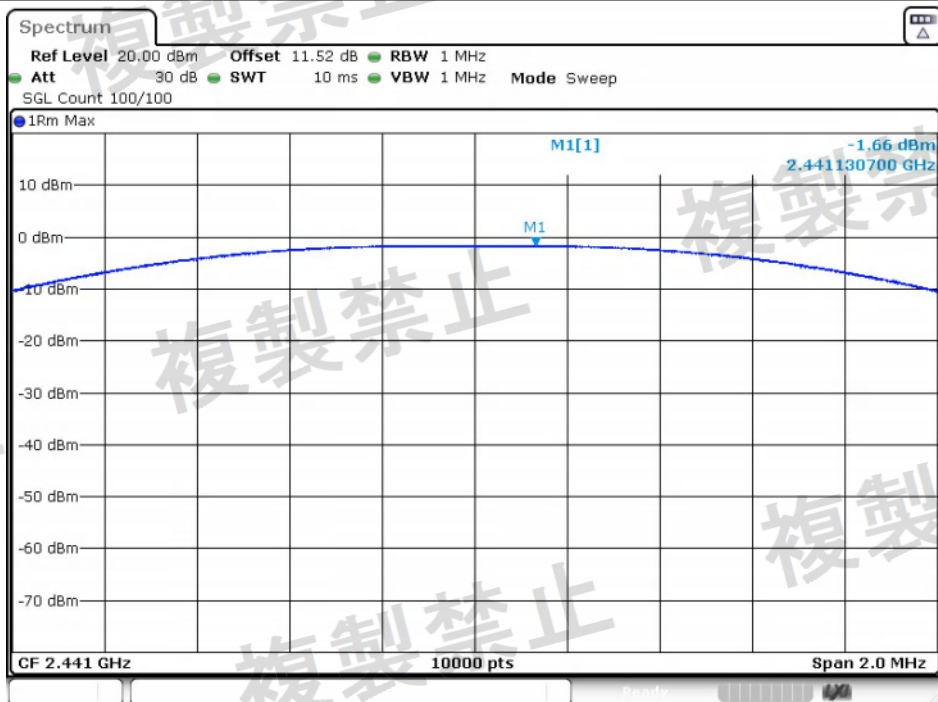
1.Antenna power density(mW/MHz)=Antenna power(mW)/90%Bandwidth

Test Graphs
Normal Mode



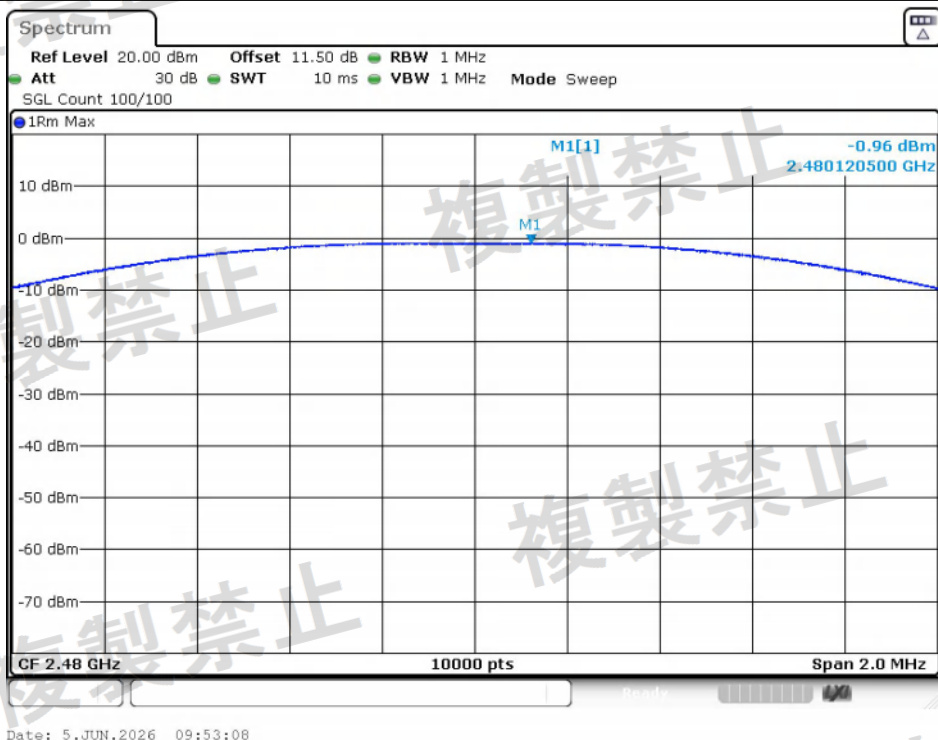
Date: 5.JUN.2026 09:39:42

The maximum PD
NT/NV_GFSK_Channel 0

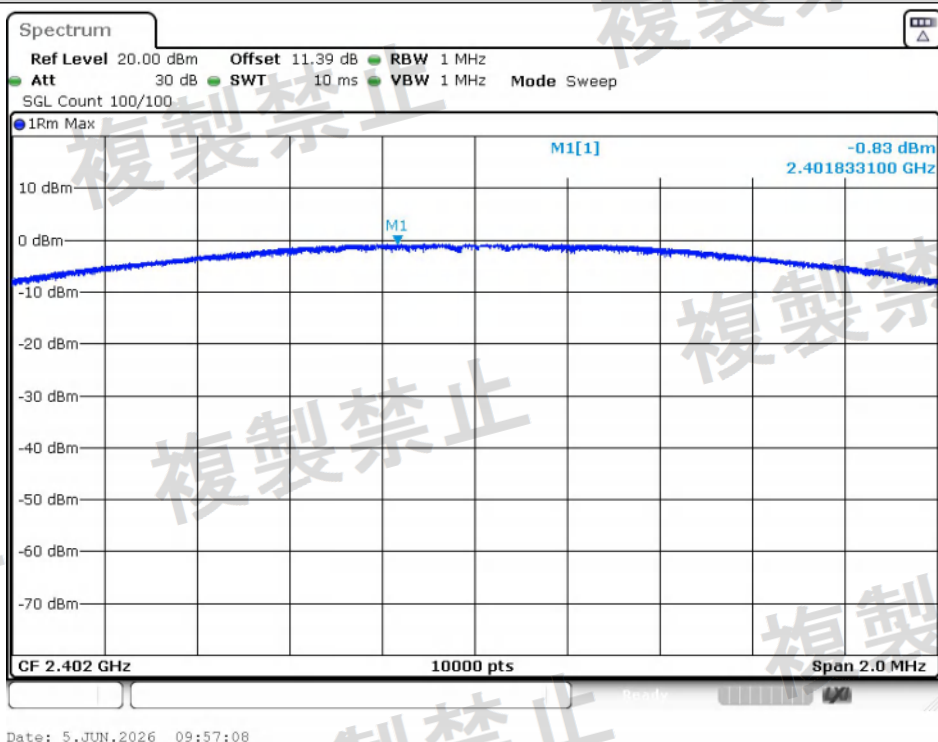


Date: 5.JUN.2026 09:44:48

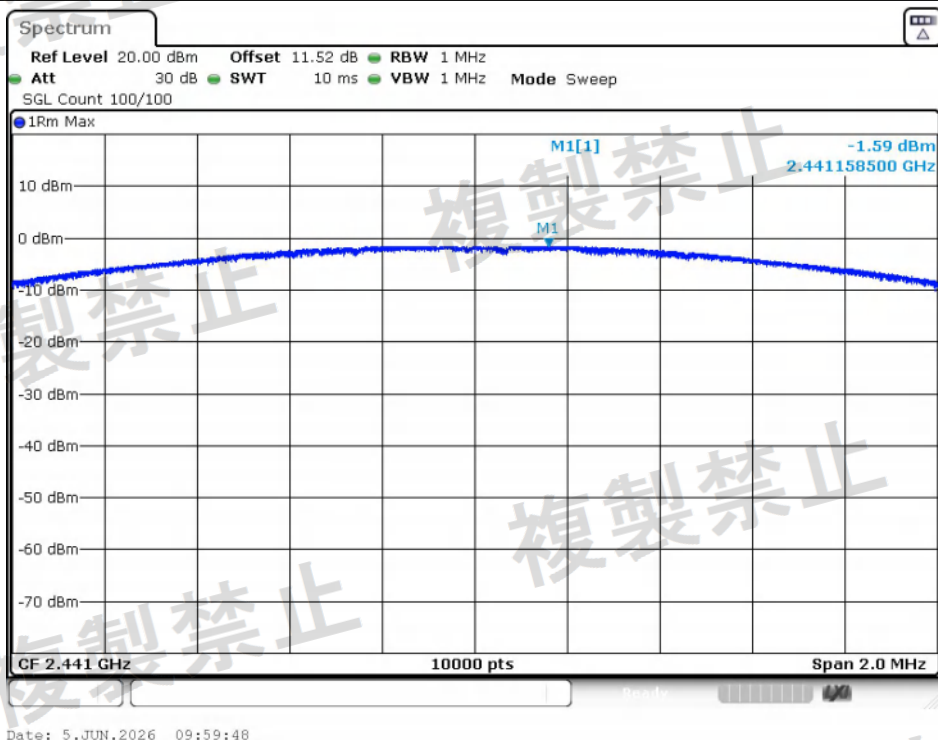
The maximum PD
NT/NV_GFSK_Channel 39



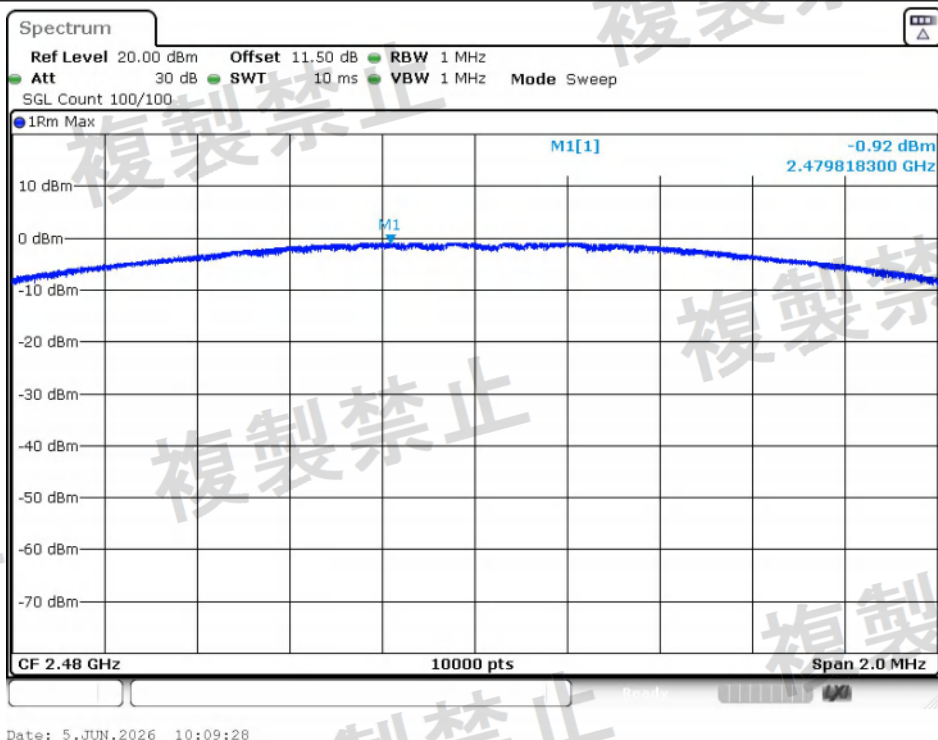
The maximum PD
NT/NV_GFSK_Channel 78



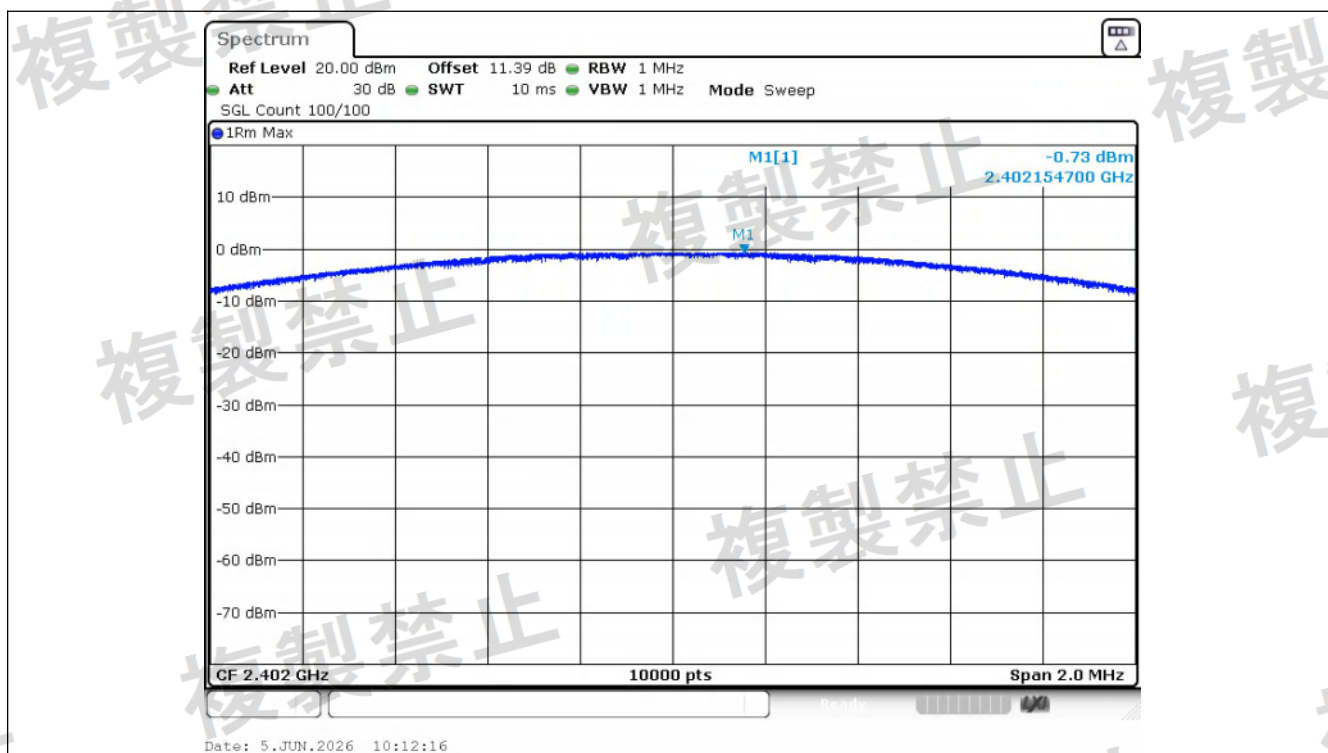
The maximum PD
NT/NV_pi/4DQPSK_Channel 0



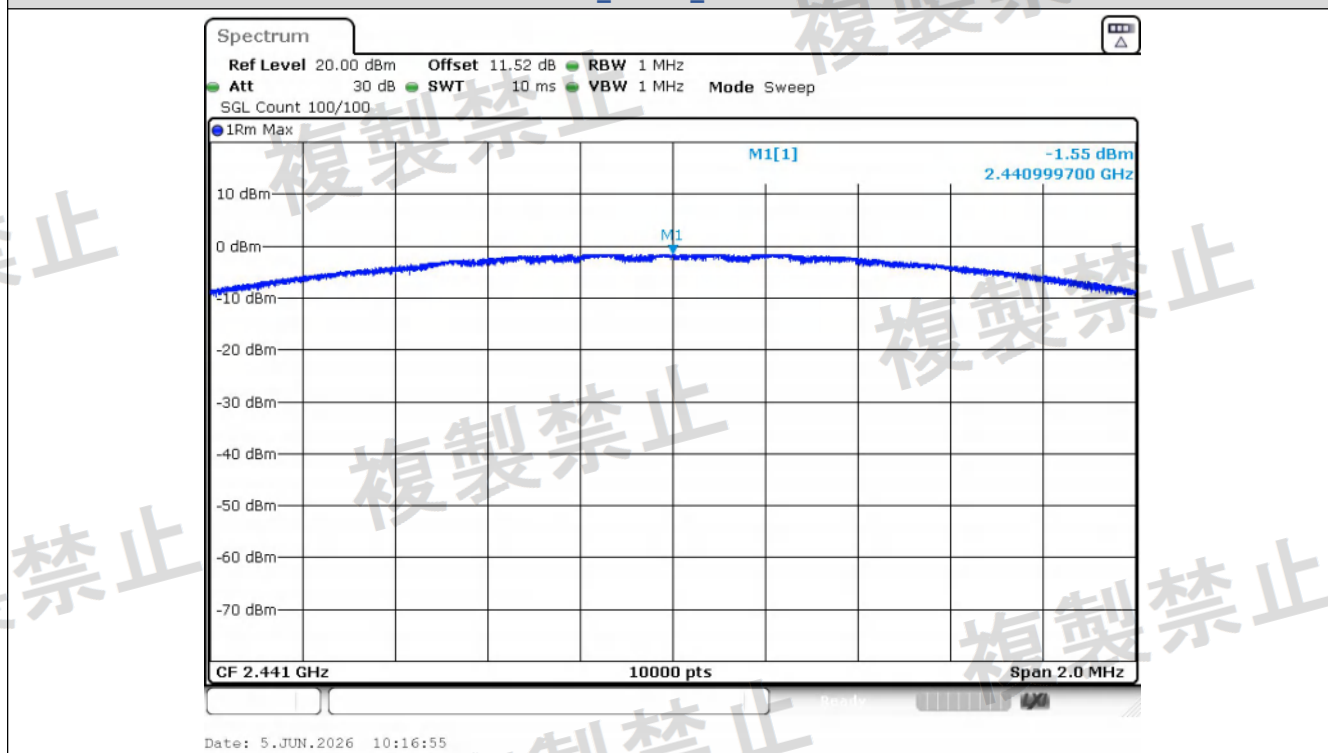
The maximum PD
NT/NV_π/4QPSK_Channel 39



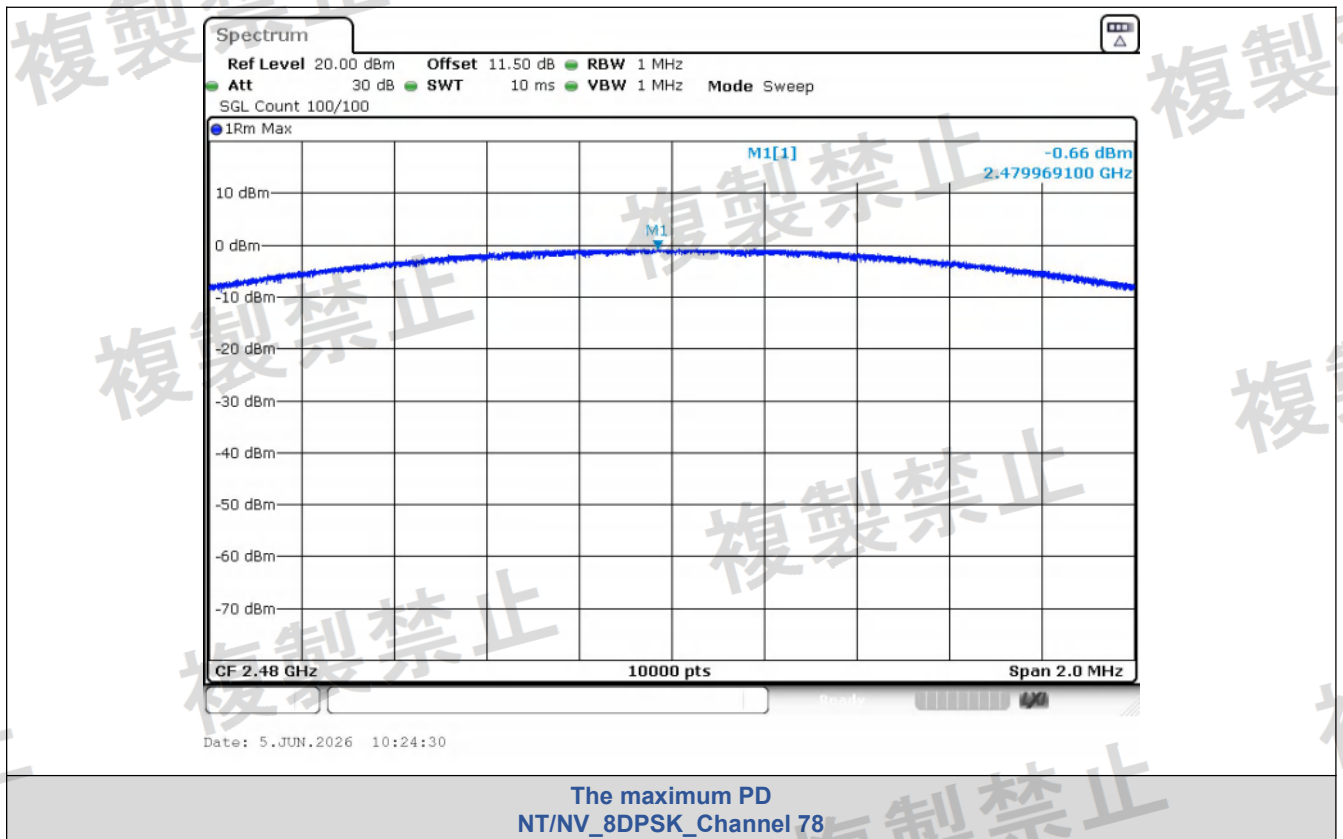
The maximum PD
NT/NV_π/4QPSK_Channel 78



The maximum PD
NT/NV_8DPSK_Channel 0



The maximum PD
NT/NV_8DPSK_Channel 39



Right:
Normal Mode

Condition	Modulation	Frequency (MHz)	Antenna power (dBm/MHz)	Antenna power (mW/MHz)	Antenna power density (mW/MHz)	Limit (mW/MHz)	Result
NT/NV	GFSK_DH5	2402	-0.59	0.873	0.012	3	PASS
		2441	-1.39	0.726	0.010	3	PASS
		2480	-0.71	0.849	0.012	3	PASS
	$\pi/4$ DQPSK_2-DH5	2402	-0.55	0.881	0.012	3	PASS
		2441	-1.36	0.731	0.010	3	PASS
		2480	-0.74	0.843	0.012	3	PASS
	8DPSK_3-DH5	2402	-0.6	0.871	0.012	3	PASS
		2441	-1.36	0.731	0.010	3	PASS
		2480	-0.55	0.881	0.012	3	PASS

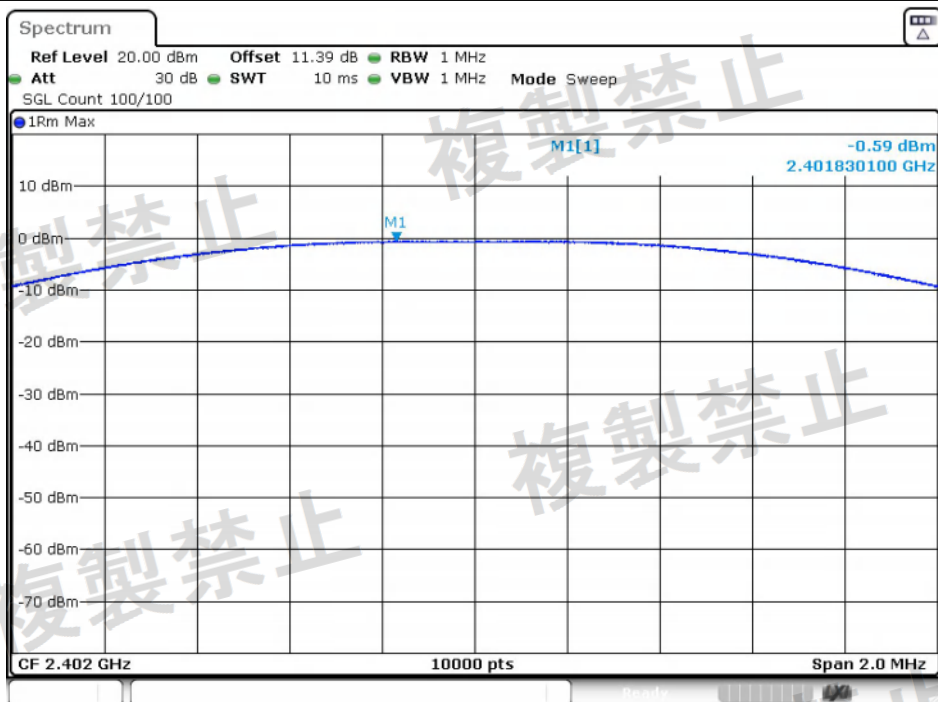
Condition	Modulation	Frequency (MHz)	Antenna power density (mW/MHz)	Rated power (mW/MHz)	Tolerance (%)	Tolerance Limit (%)	Result
NT/NV	GFSK_DH5	2402	0.012	0.1	-40.00%	+20	PASS
		2441	0.010		-50.00%	+20	PASS
		2480	0.012		-40.00%	+20	PASS
	$\pi/4$ DQPSK_2-DH5	2402	0.012		-40.00%	+20	PASS
		2441	0.010		-50.00%	+20	PASS
		2480	0.012		-40.00%	+20	PASS
	8DPSK_3-DH5	2402	0.012		-40.00%	+20	PASS
		2441	0.010		-50.00%	+20	PASS
		2480	0.012		-40.00%	+20	PASS

Condition	Mode	Frequency (MHz)	Antenna power density (mW/MHz)	Gain(dBi)	EIRP (mW/MHz)	Limit (mW/MHz)	Result
NT/NV	GFSK_DH5	2402	0.012	2.7	0.022	4.91	PASS
		2441	0.010	2.7	0.019	4.91	PASS
		2480	0.012	2.7	0.022	4.91	PASS
	$\pi/4$ DQPSK_2-DH5	2402	0.012	2.7	0.022	4.91	PASS
		2441	0.010	2.7	0.019	4.91	PASS
		2480	0.012	2.7	0.022	4.91	PASS
	8DPSK_3-DH5	2402	0.012	2.7	0.022	4.91	PASS
		2441	0.010	2.7	0.019	4.91	PASS
		2480	0.012	2.7	0.022	4.91	PASS

Note:
1. Antenna power density(mW/MHz)=Antenna power(mW)/90%Bandwidth

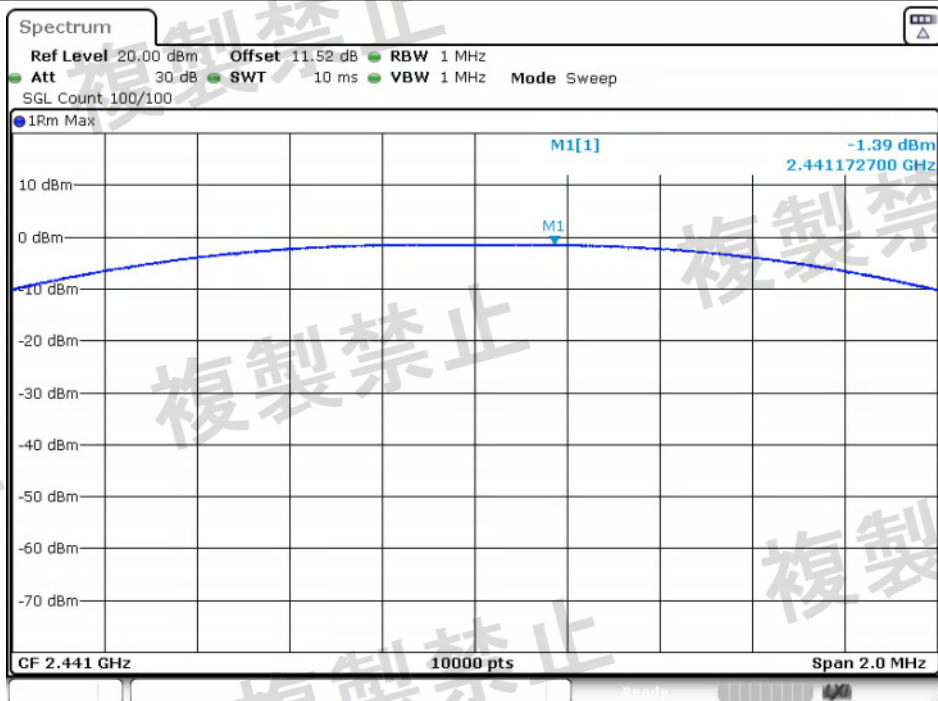
Test Graphs

Normal Mode



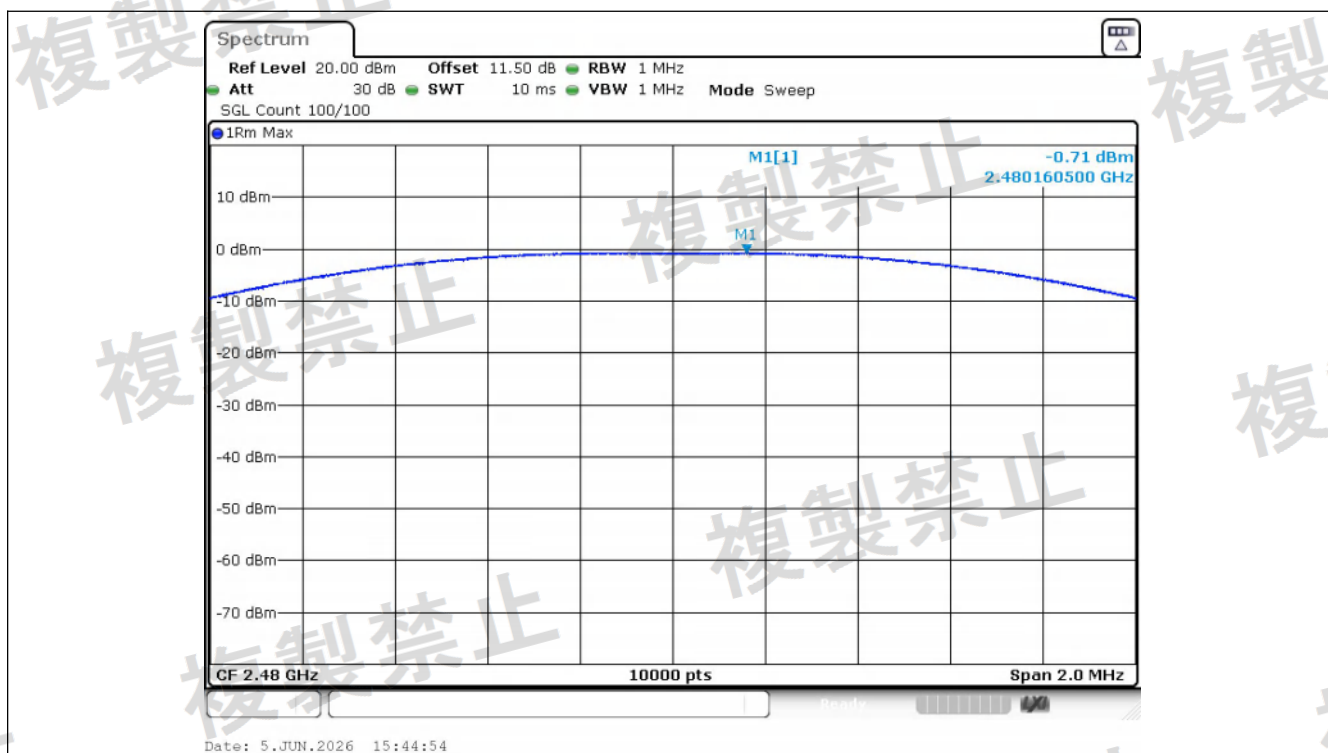
Date: 5.JUN.2026 15:31:07

The maximum PD
NT/NV_GFSK_Channel 0

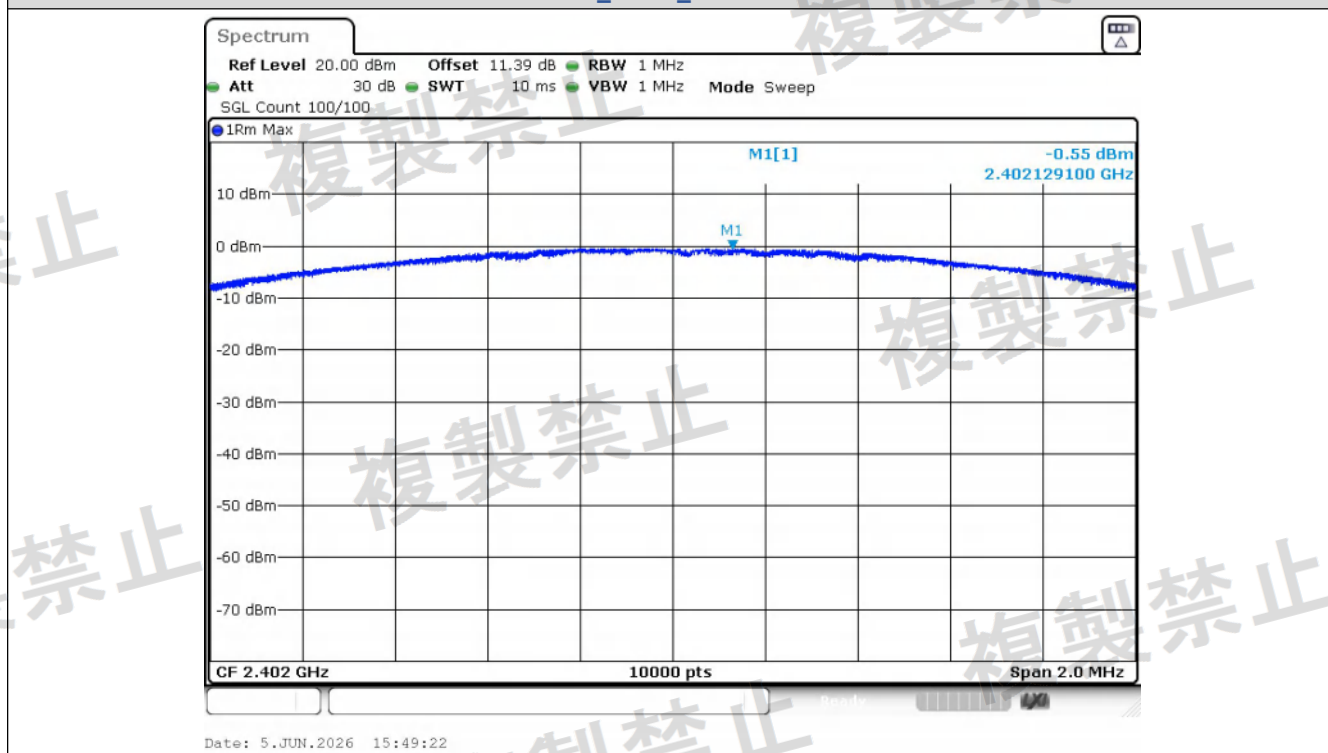


Date: 5.JUN.2026 15:36:50

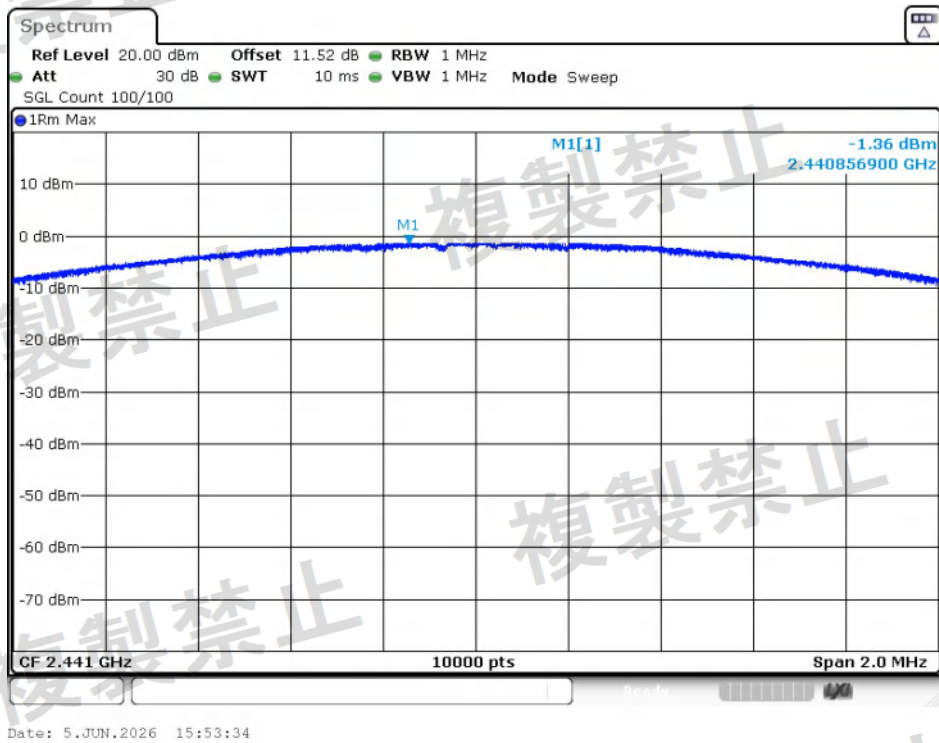
The maximum PD
NT/NV_GFSK_Channel 39



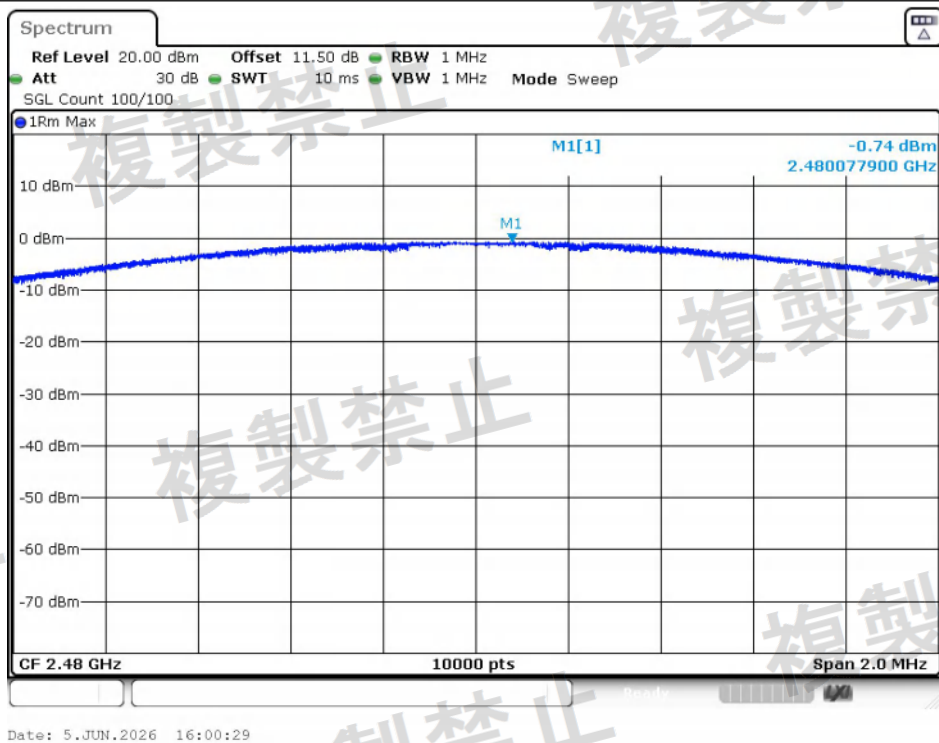
The maximum PD
NT/NV_GFSK_Channel 78



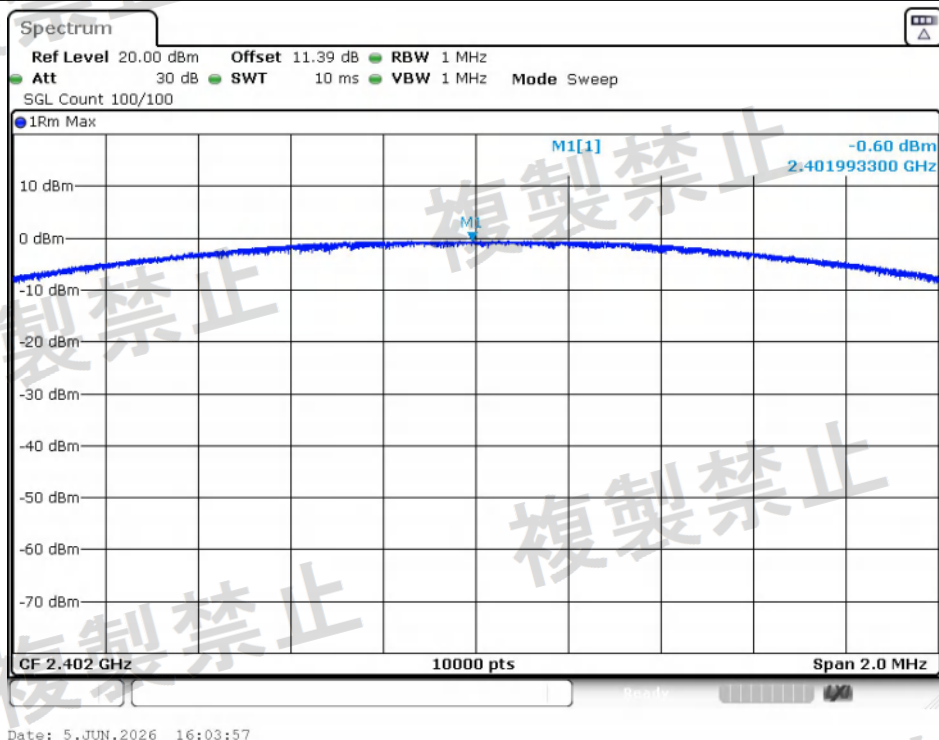
The maximum PD
NT/NV_π/4DQPSK_Channel 0



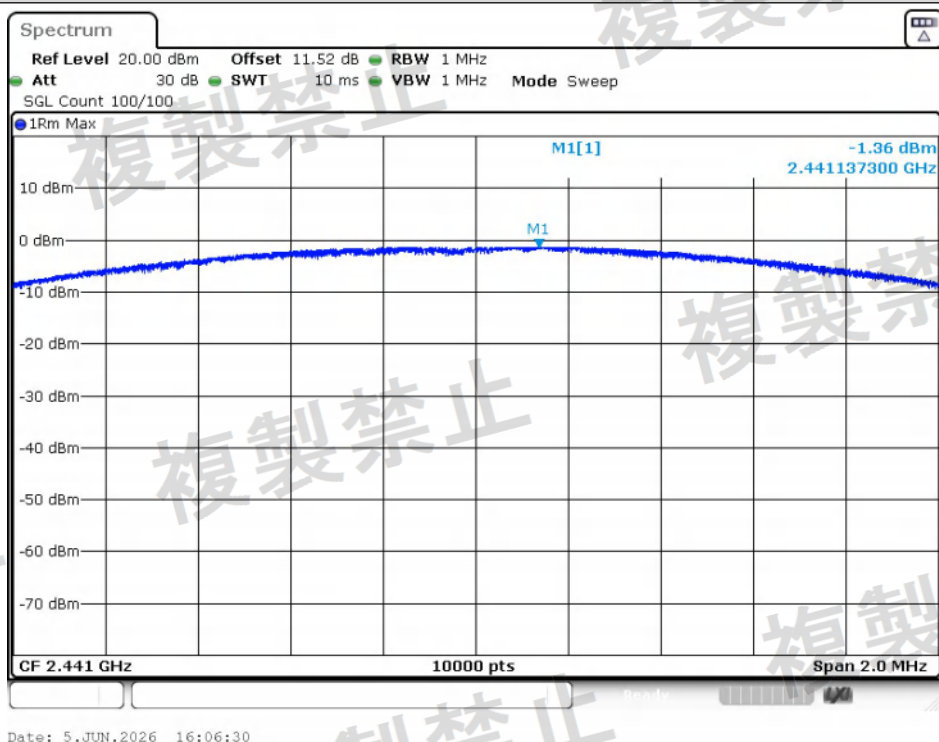
The maximum PD
NT/NV_π/4QPSK_Channel 39



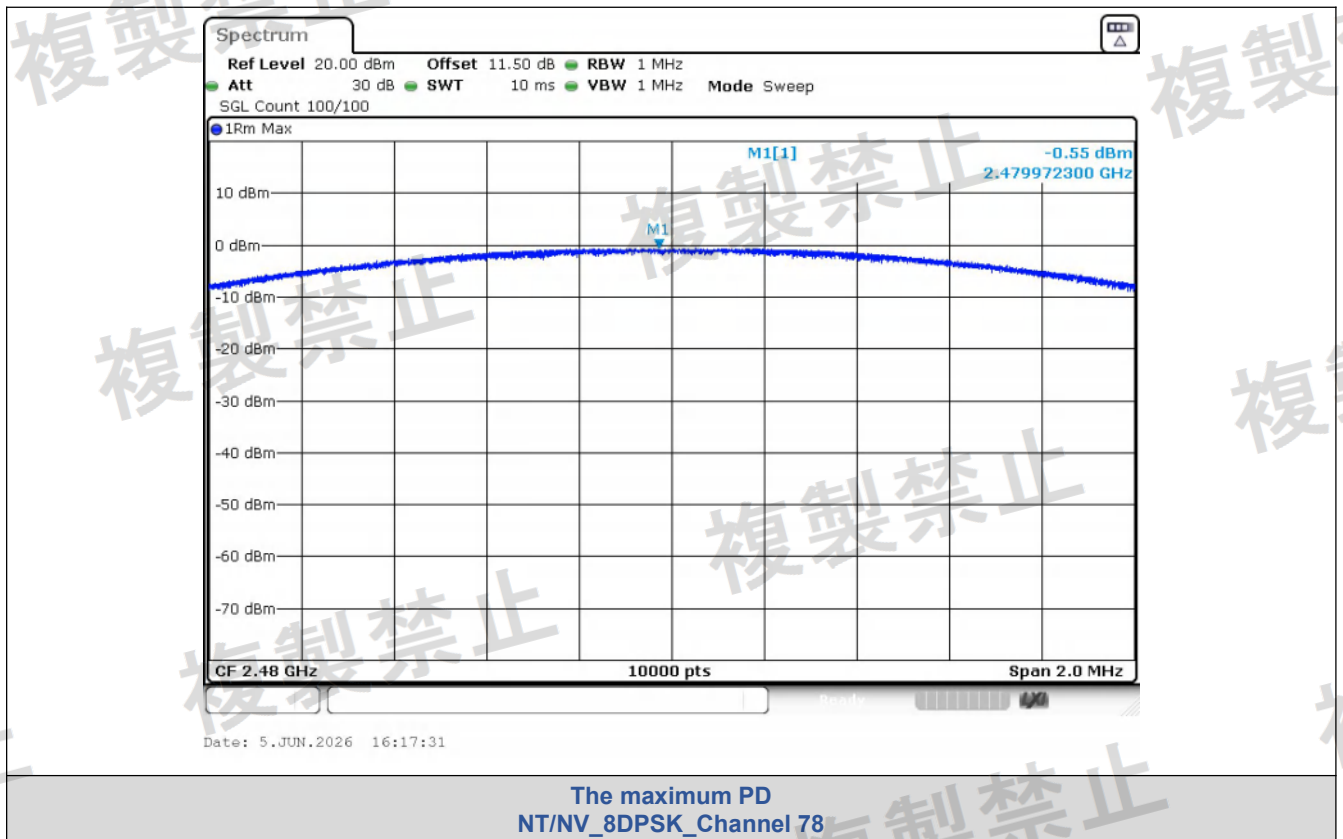
The maximum PD
NT/NV_π/4QPSK_Channel 78



The maximum PD
NT/NV_8DPSK_Channel 0



The maximum PD
NT/NV_8DPSK_Channel 39



6.3. Occupied Bandwidth (99% BW)

Test Result

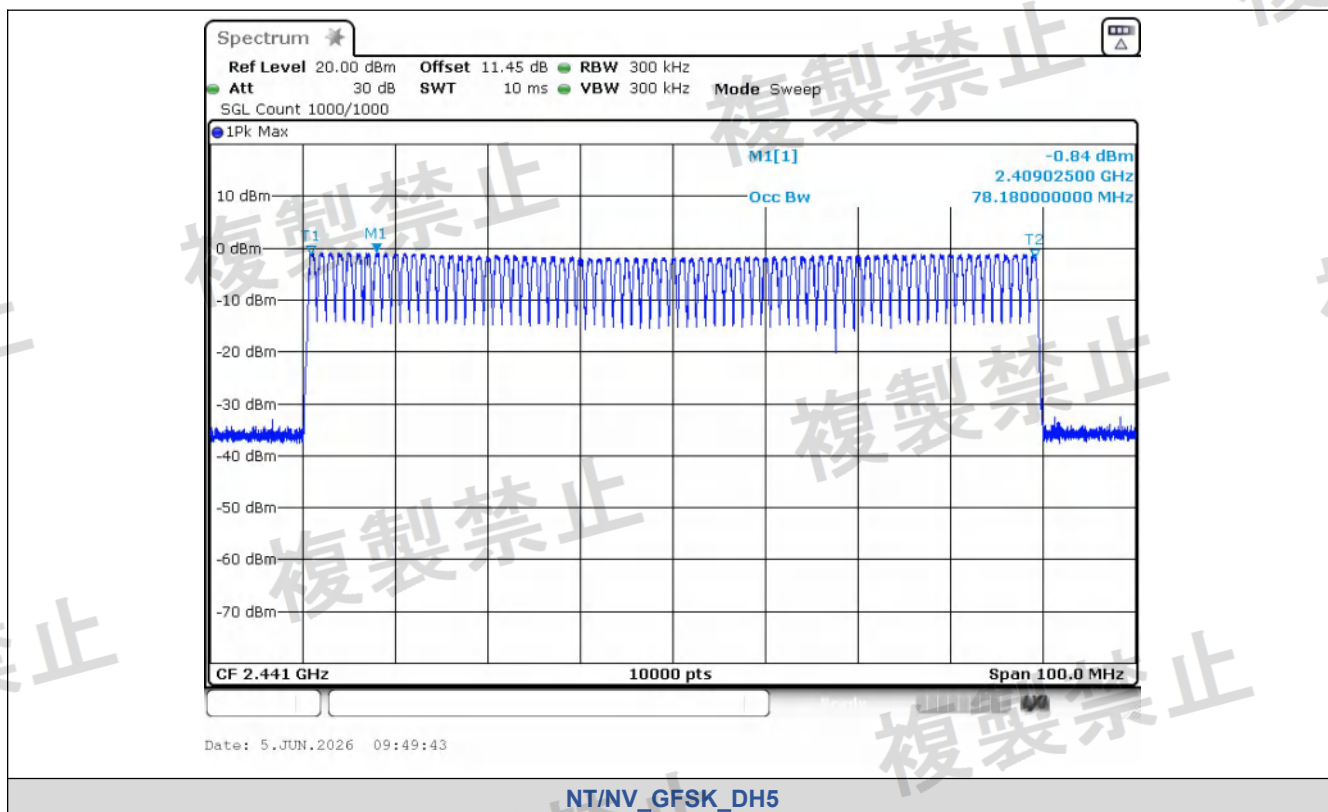
Left:

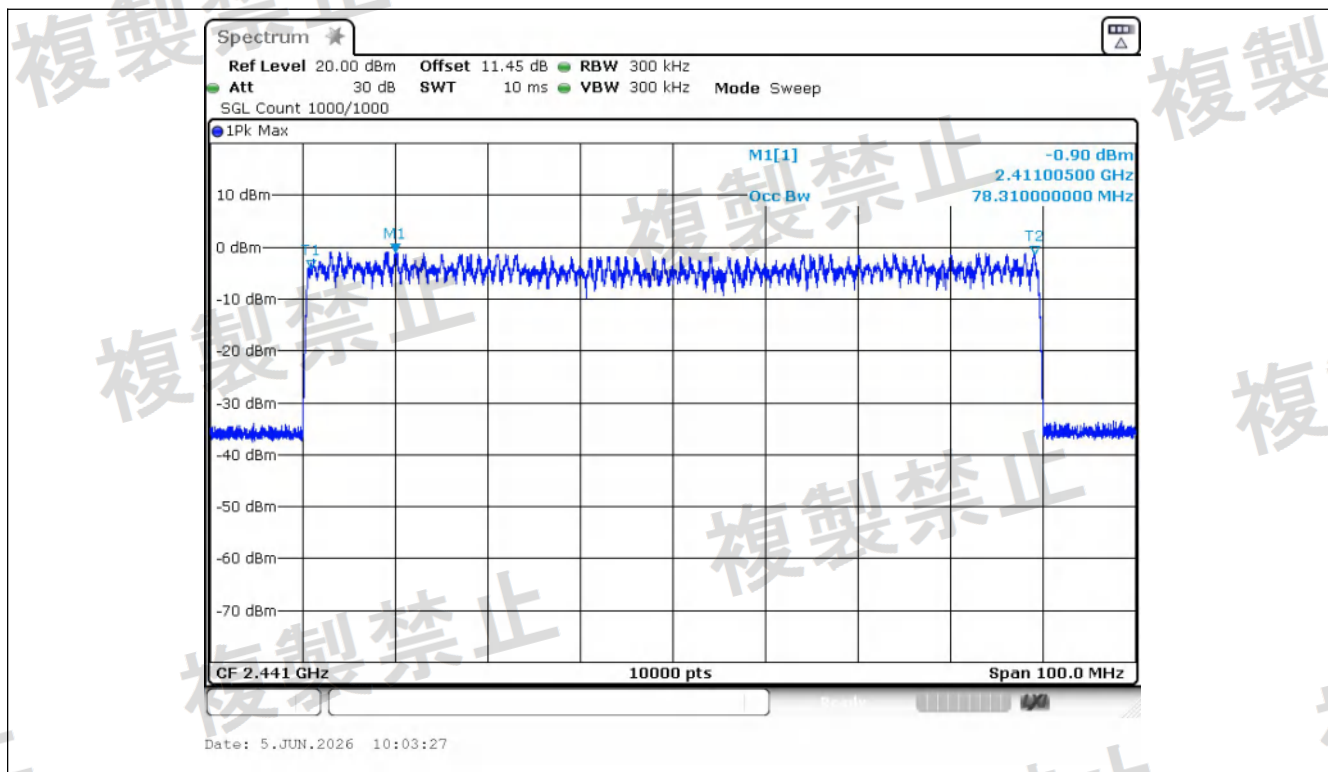
Normal Mode

Condition	Modulation	99% BW (MHz)	Limit (MHz)	Result
NT/NV	GFSK_DH5	78.180	83.5	PASS
	$\pi/4$ DQPSK_2-DH5	78.310		PASS
	8DPSK_3-DH5	78.340		PASS

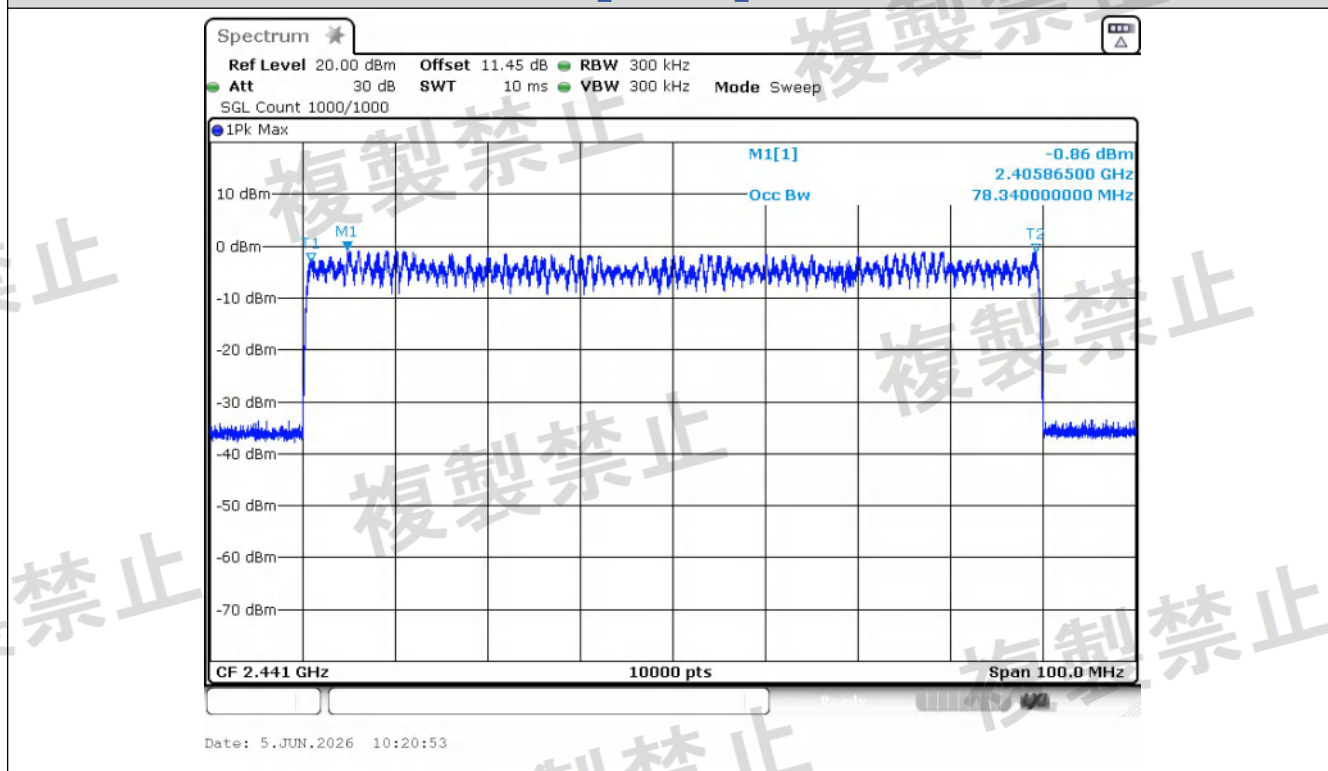
Test Graphs

Normal Mode





NT/NV_π/4DQPSK_2-DH5



NT/NV_8DPSK_3-DH5

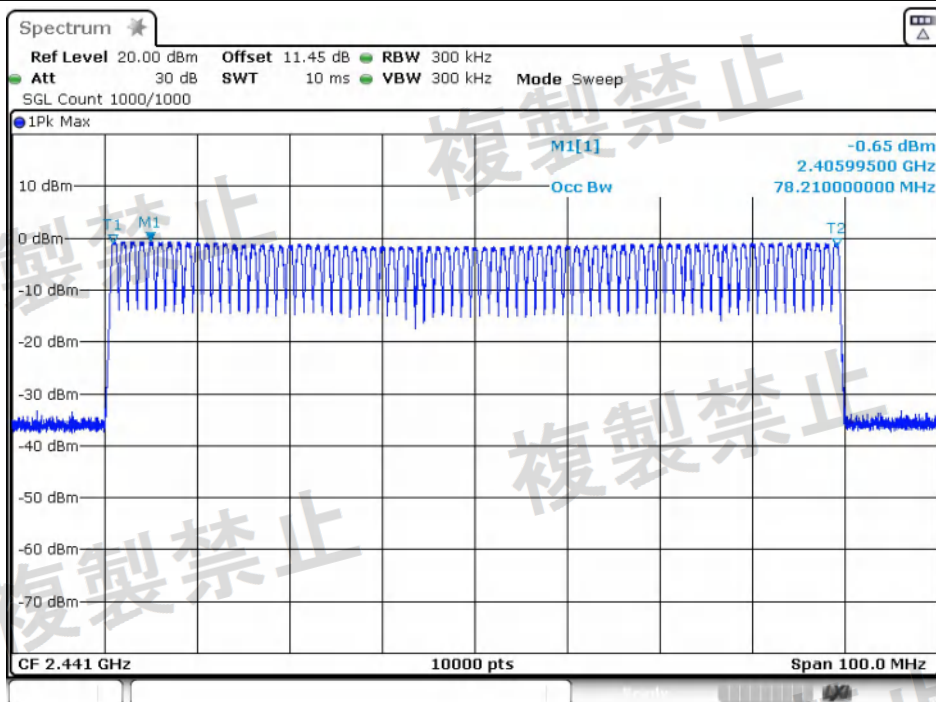
Right:

Normal Mode

Condition	Modulation	99% BW (MHz)	Limit (MHz)	Result
NT/NV	GFSK_DH5	78.210	83.5	PASS
	π/4DQPSK_2-DH5	78.320		PASS
	8DPSK_3-DH5	78.310		PASS

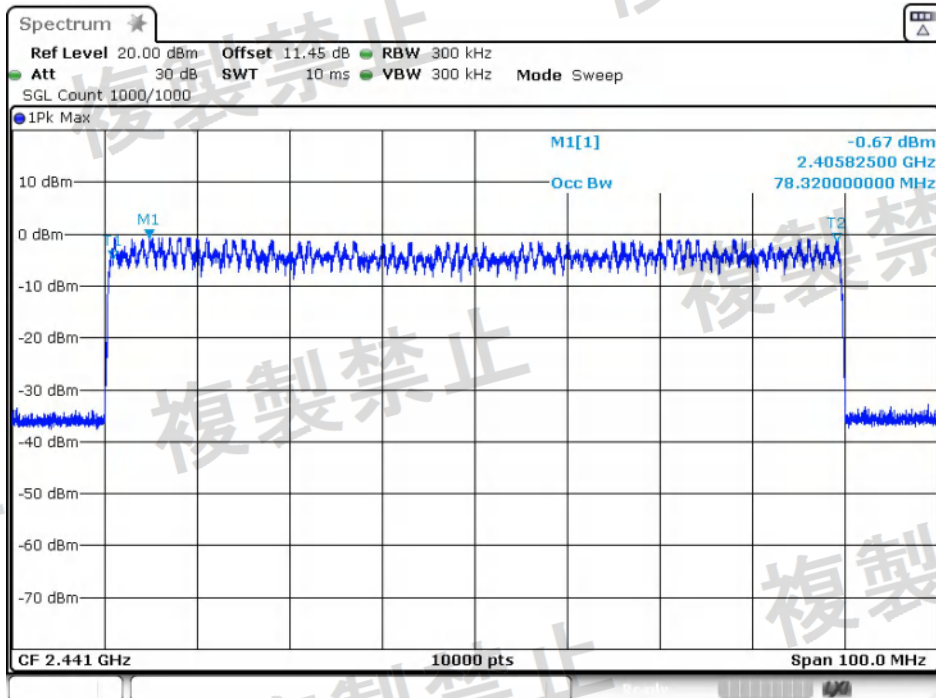
Test Graphs

Normal Mode



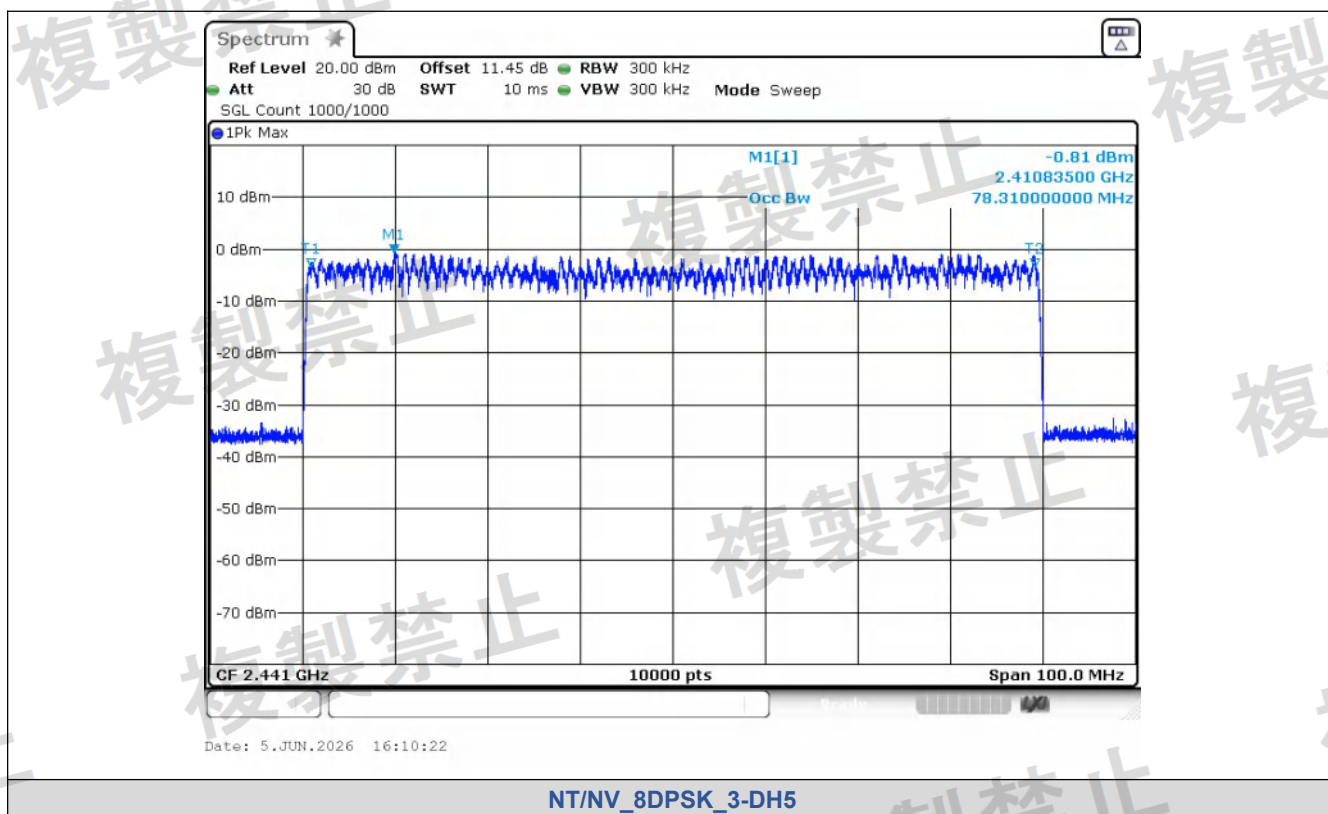
Date: 5.JUN.2026 15:41:02

NT/NV_GFSK_DH5



Date: 5.JUN.2026 15:57:06

NT/NV_π/4DQPSK_2-DH5



6.4. Spreading Bandwidth (90% BW)

Test Result

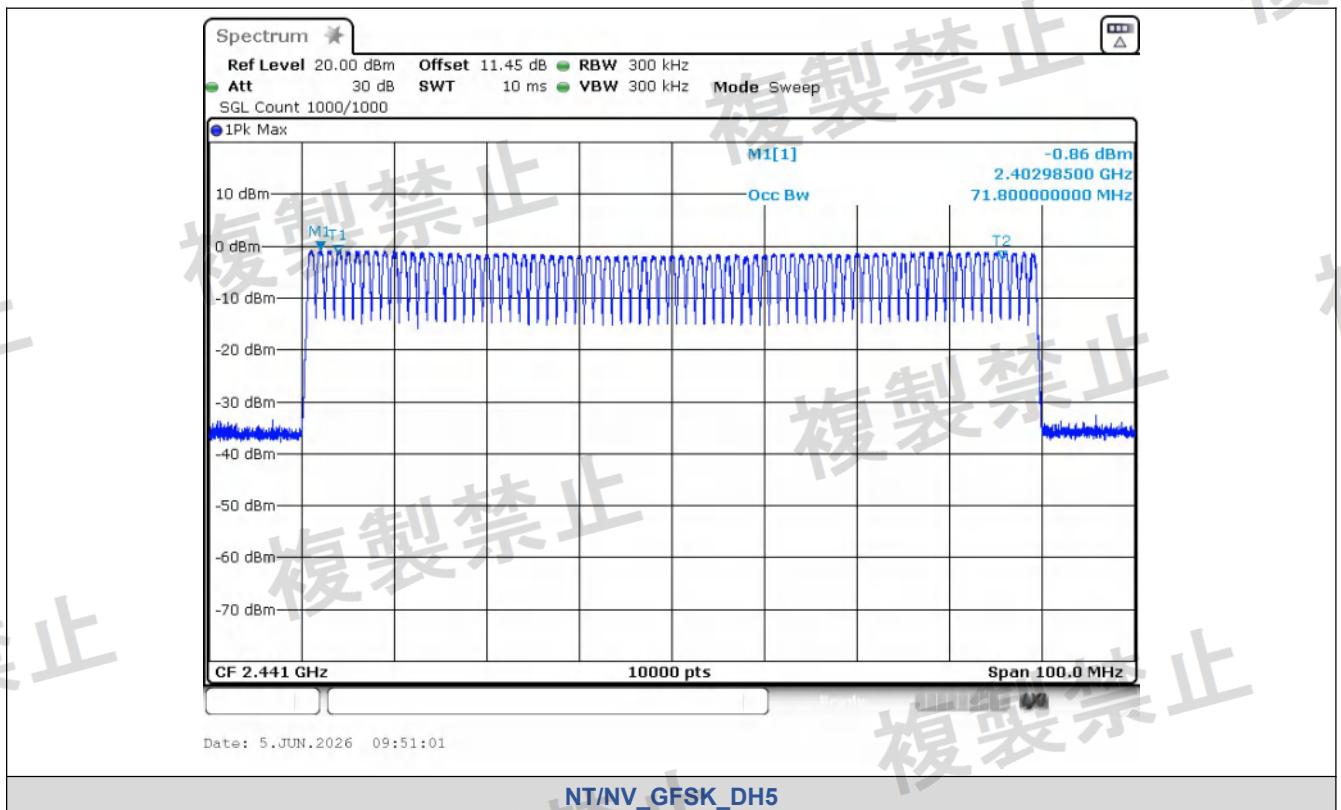
Left:

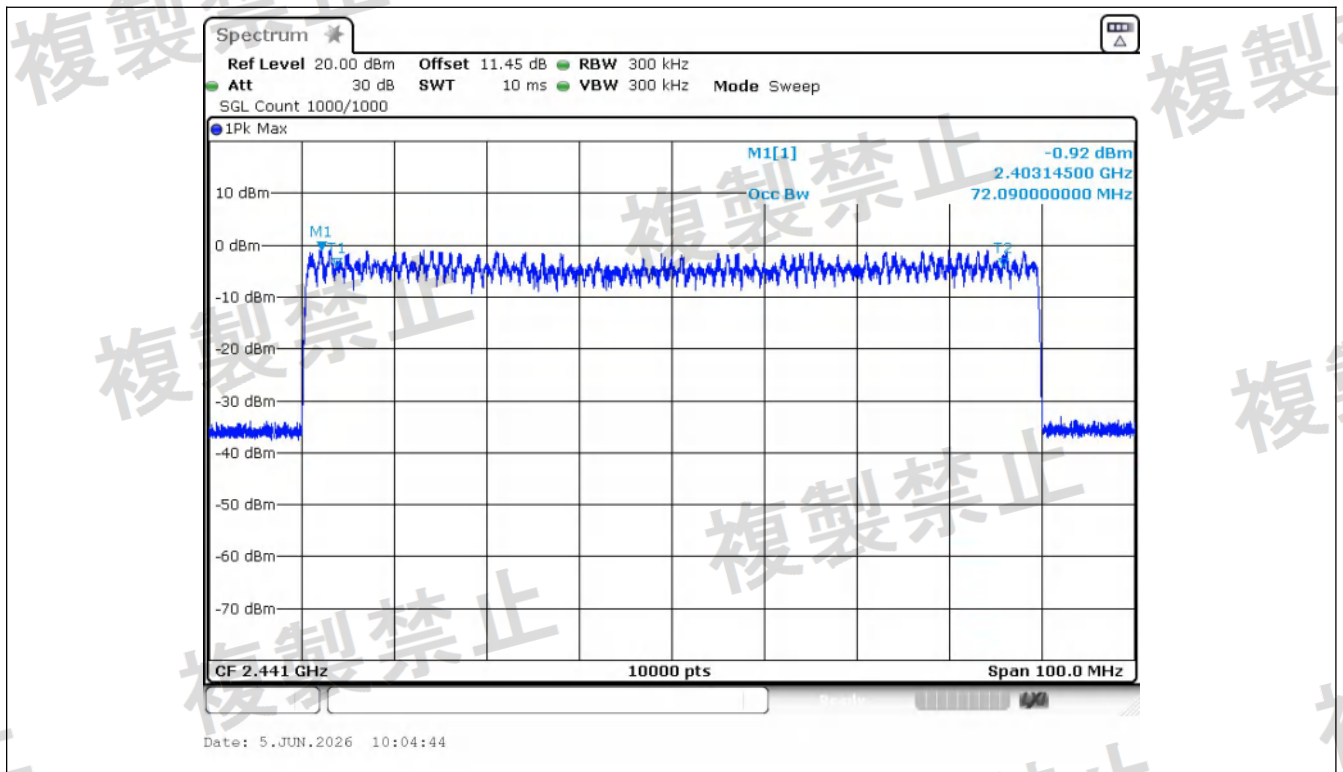
Normal Mode

Condition	Mode	90% SBW (MHz)	Spreading factor	Result
NT/NV	GFSK_DH5	71.800	71.800	PASS
NT/NV	$\pi/4$ DQPSK_2-DH5	72.090	36.045	PASS
NT/NV	8DPSK_3-DH5	72.260	24.087	PASS

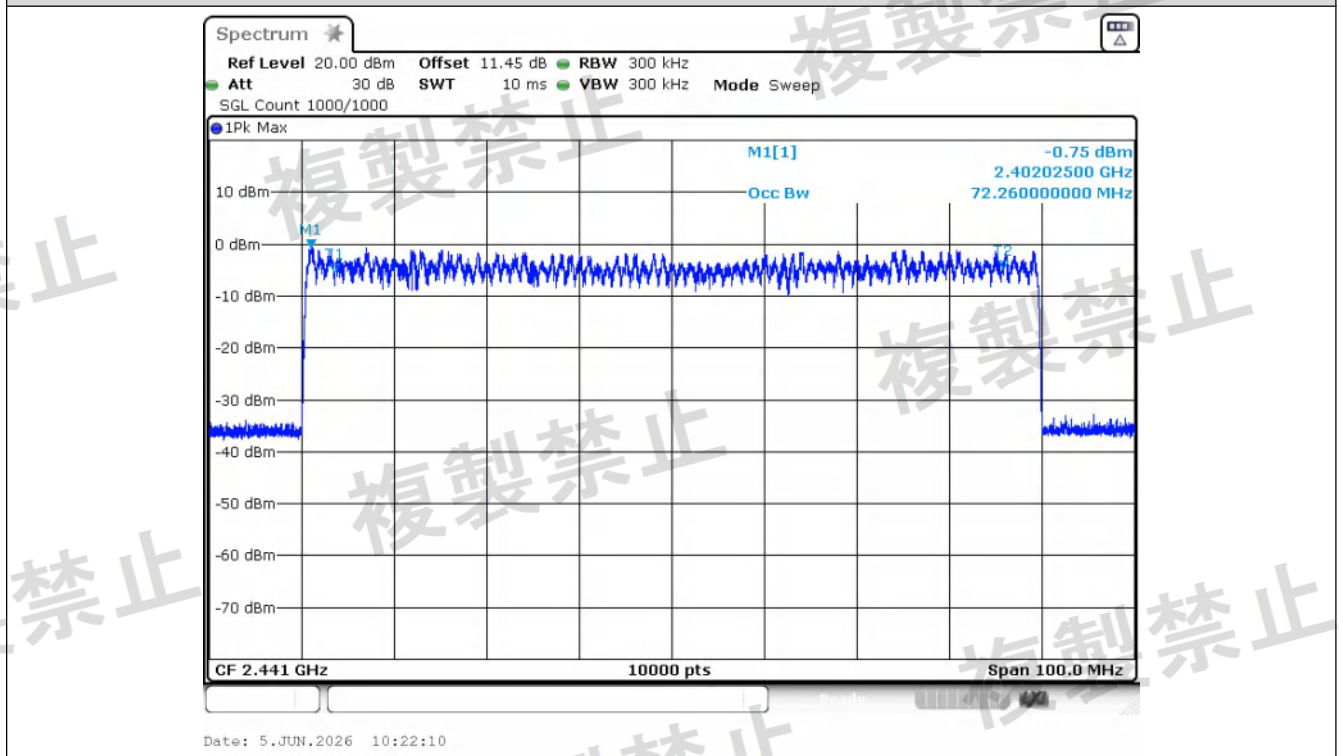
Test Graphs

Normal Mode





NT/NV_π/4DQPSK_2-DH5



NT/NV_8DPSK_3-DH5

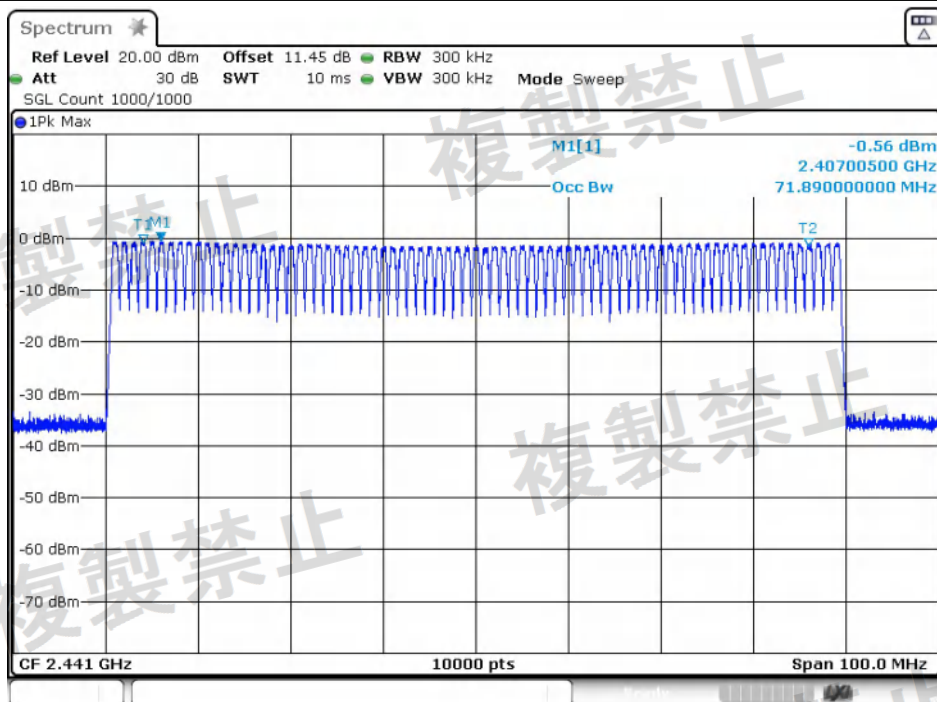
Right:

Normal Mode

Condition	Mode	90% SBW (MHz)	Spreading factor	Result
NT/NV	GFSK_DH5	71.890	71.890	PASS
NT/NV	π/4DQPSK_2-DH5	71.590	35.795	PASS
NT/NV	8DPSK_3-DH5	71.950	23.983	PASS

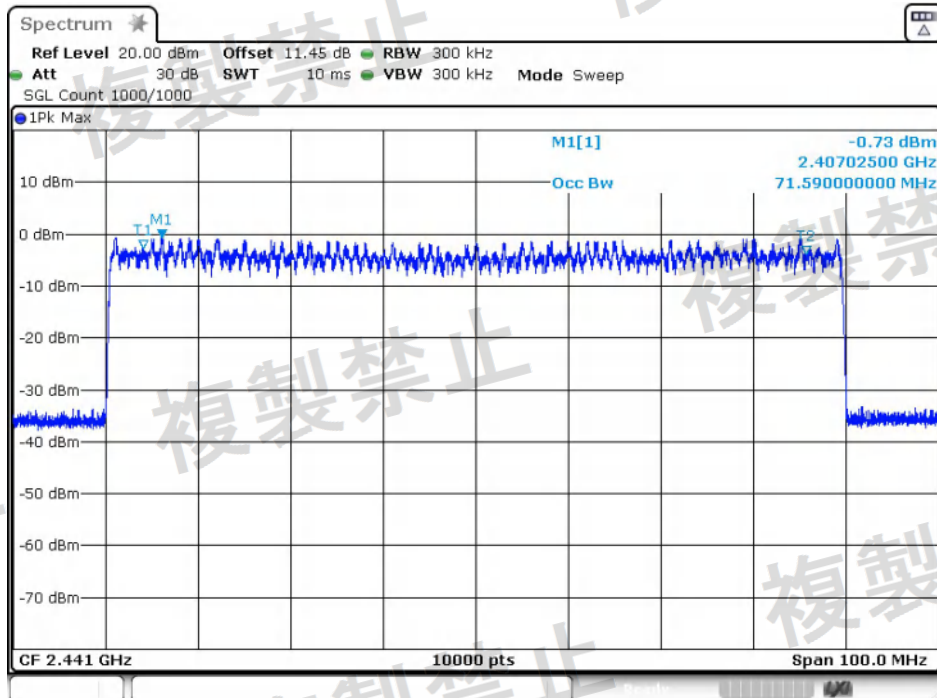
Test Graphs

Normal Mode



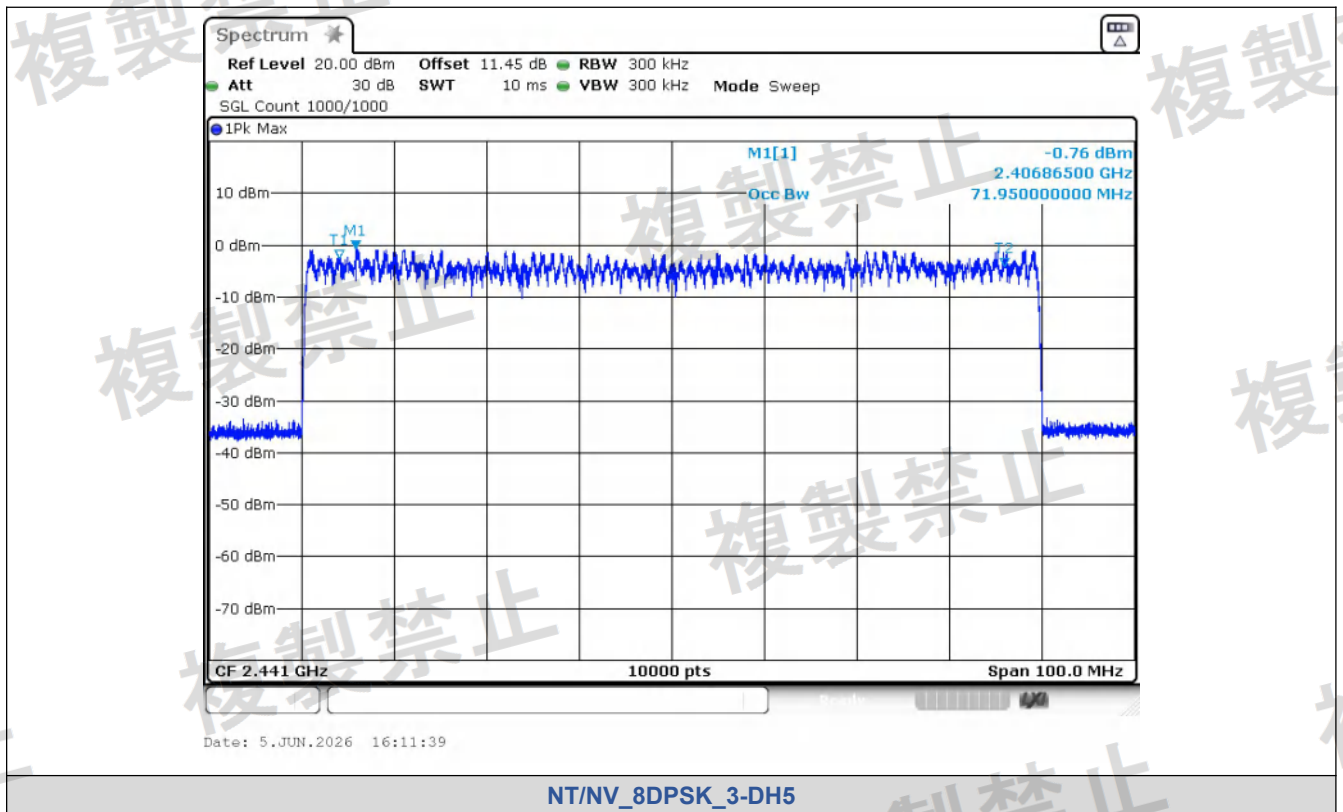
Date: 5.JUN.2026 15:42:20

NT/NV_GFSK_DH5



Date: 5 JUN 2026 15:58:23

NT/NV $\pi/4$ DQPSK 2-DH5



6.5. Dwell Time

Test Result

Left:

Normal Mode

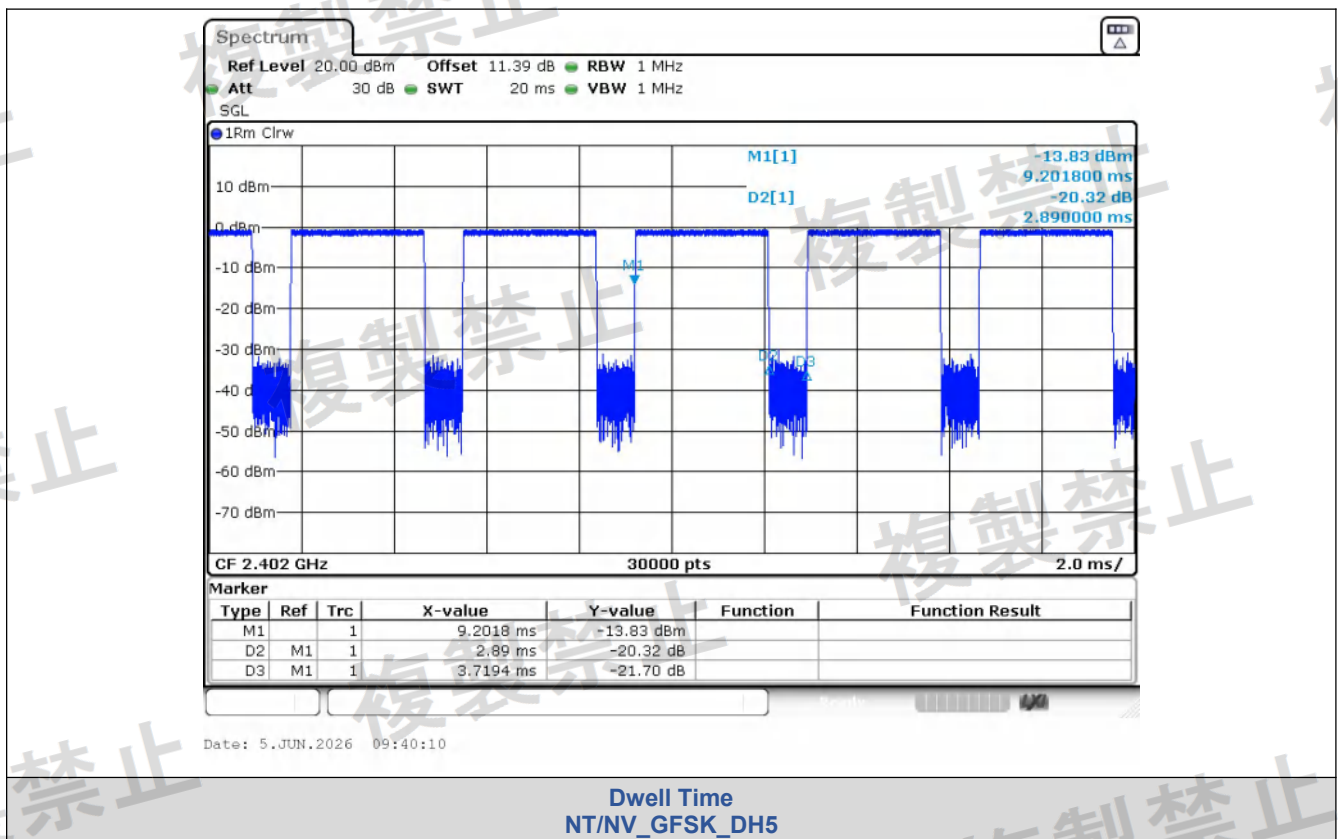
Condition	Modulation	Packet	Spreading Rate	(Spreading Rate / 79) * 0.4	Burst Ratio	Dwell Time (ms)	Limit (ms)	Result
NT/NV	GFSK	DH5	71.8	0.3635	0.777	282	400	PASS
	$\pi/4$ DQPSK	2-DH5	72.09	0.365	0.777	283	400	PASS
	8DPSK	3-DH5	72.26	0.3659	0.78	285	400	PASS

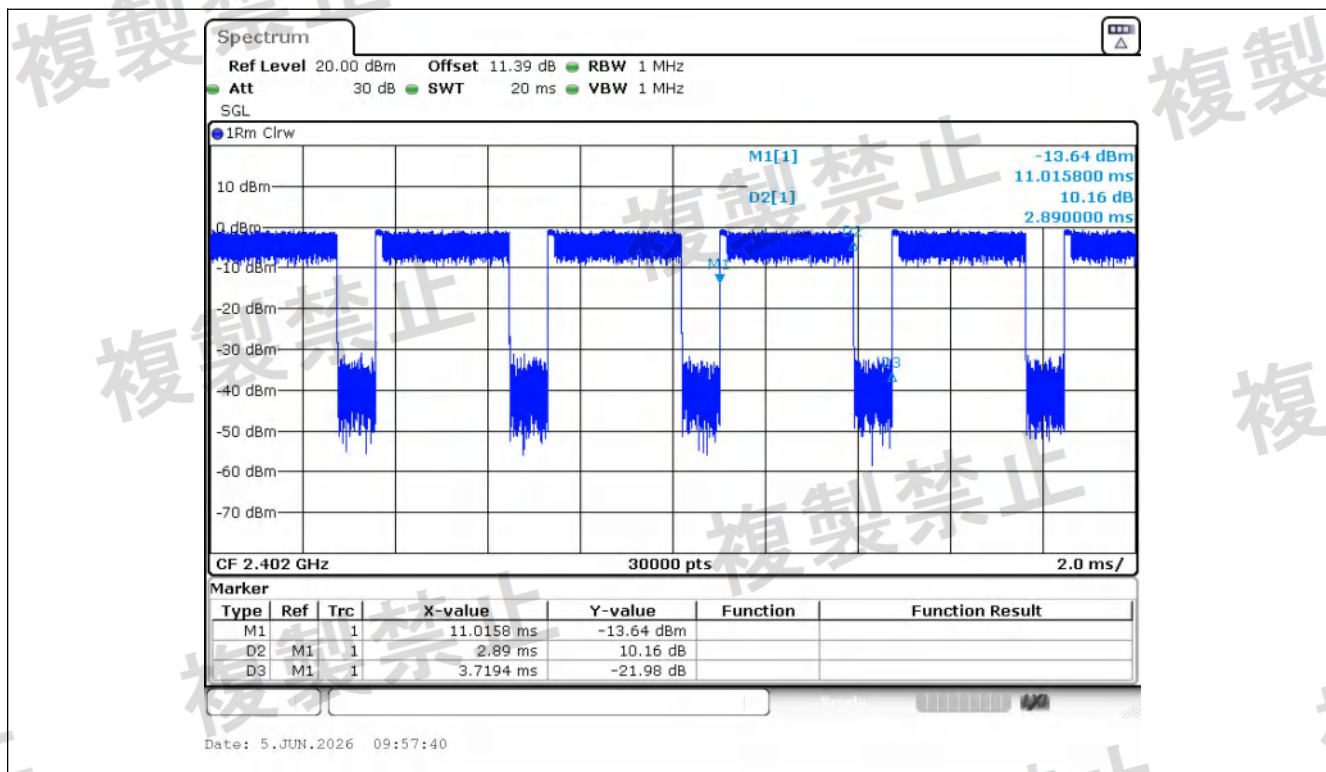
Note:

- 1) Spreading Rate = Spreading factor;
- 2) Normal mode Dwell time = (Spreading rate/79) x Burst Ratio x 0.4 seconds.
- 3) Burst Ratio = Duty Cycle = On Time / Period.

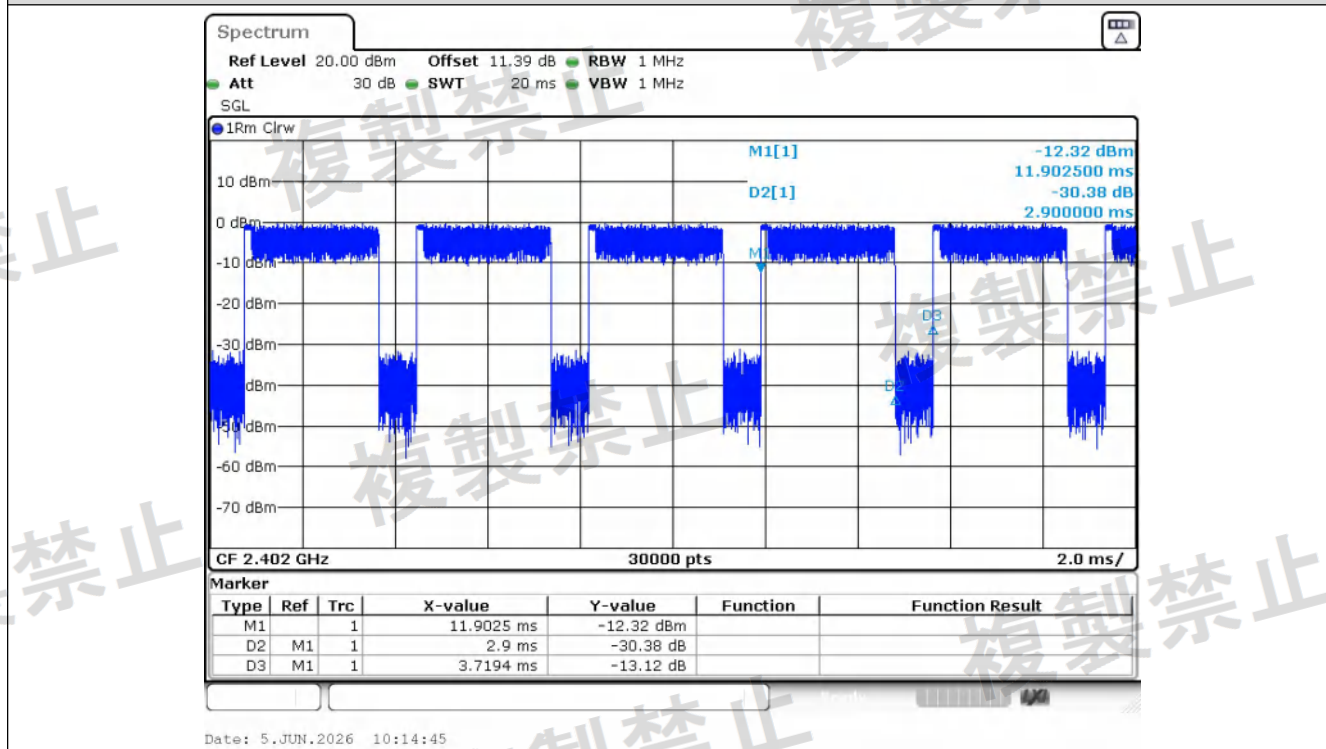
Test Graphs

Normal Mode





Dwell Time
NT/NV_π/4DQPSK_2-DH5



Dwell Time
NT/NV_8DPSK_3-DH5

Right:
Normal Mode

Condition	Modulation	Packet	Spreading Rate	(Spreading Rate / 79) * 0.4	Burst Ratio	Dwell Time (ms)	Limit (ms)	Result
NT/NV	GFSK	DH5	71.89	0.364	0.777	282	400	PASS

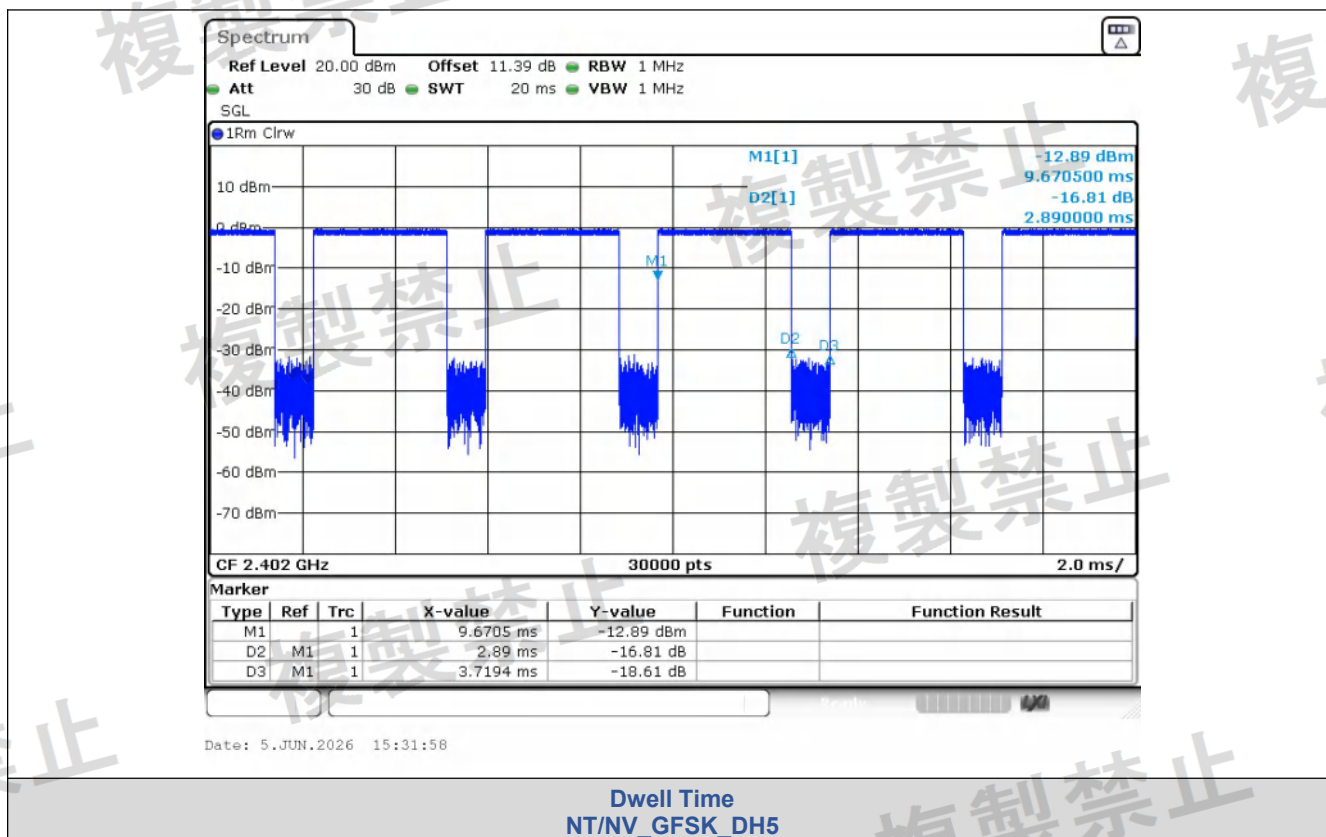
$\pi/4$ DQPSK	2-DH5	71.59	0.3625	0.777	281	400	PASS
8DPSK	3-DH5	71.95	0.3643	0.78	284	400	PASS

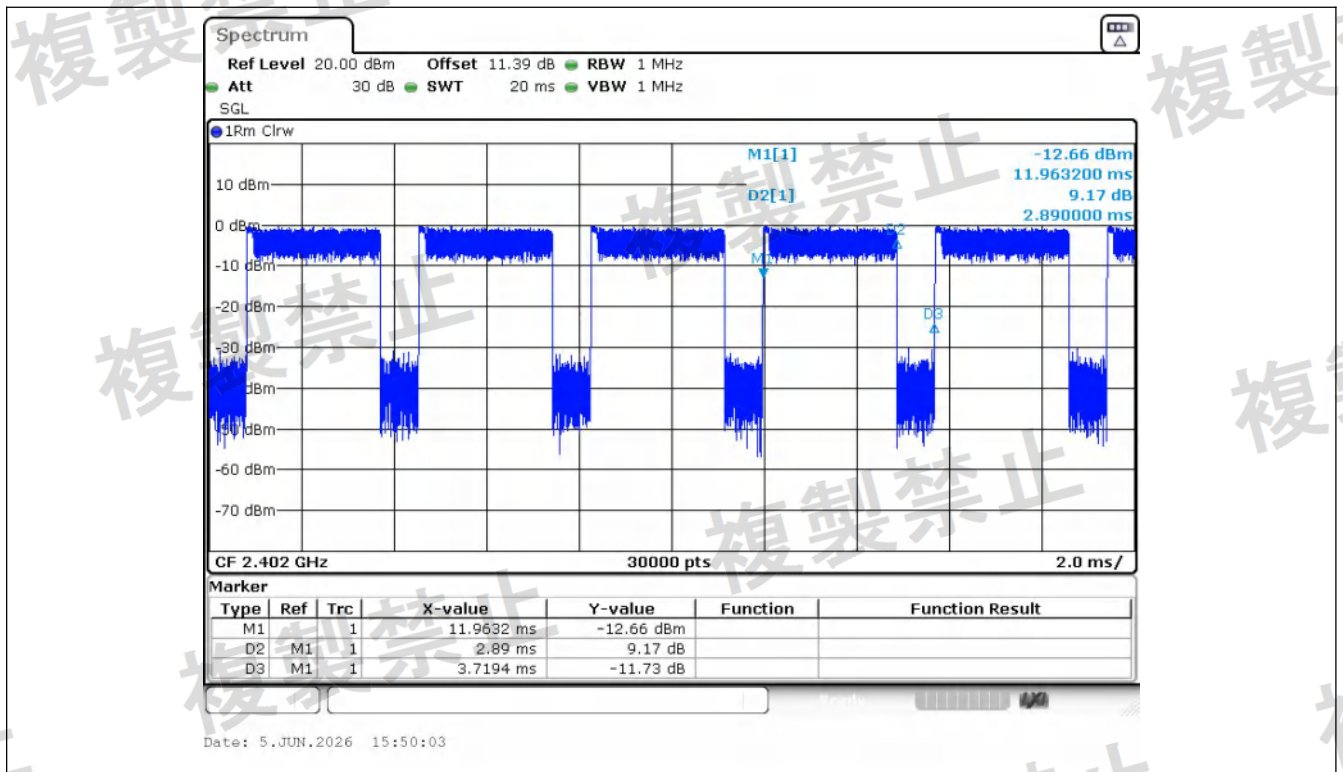
Note:

- 1) Spreading Rate = Spreading factor;
- 2) Normal mode Dwell time = (Spreading rate/79) x Burst Ratio x 0.4 seconds.
- 3) Burst Ratio = Duty Cycle = On Time / Period.

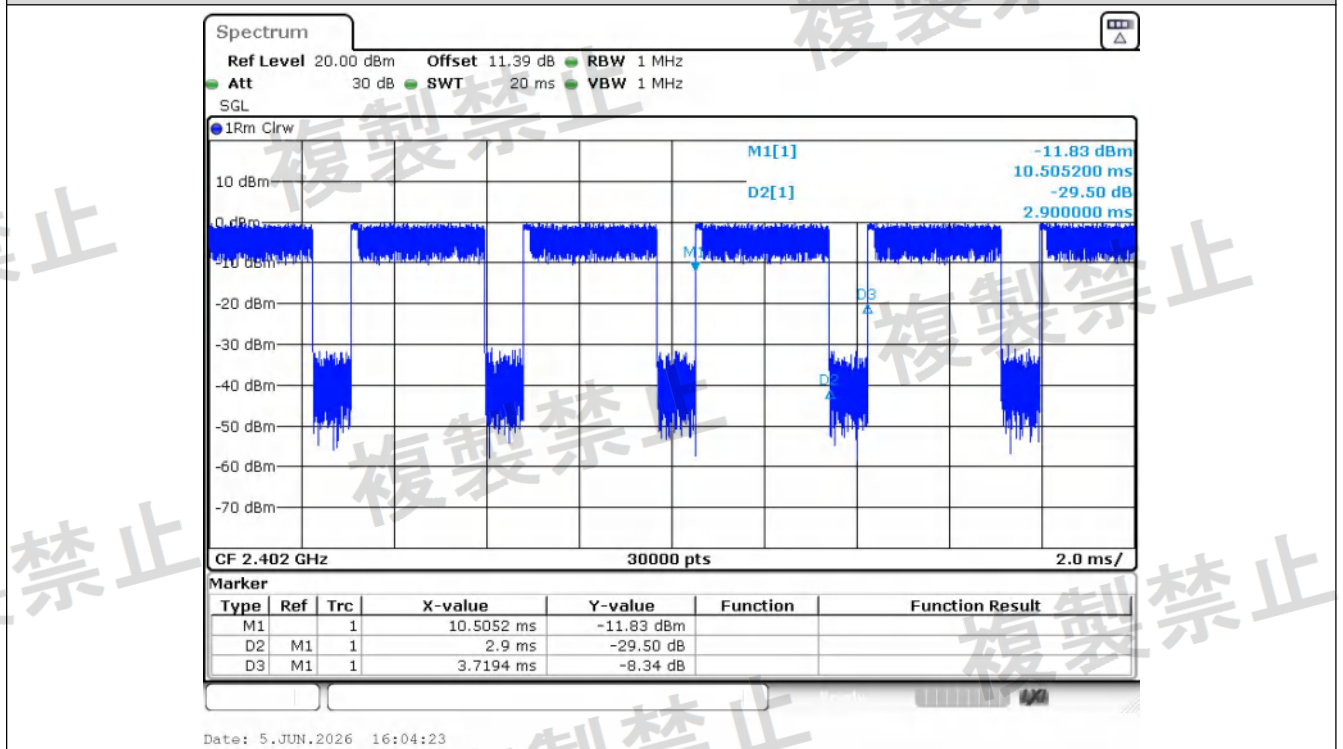
Test Graphs

Normal Mode





Dwell Time
NT/NV_π/4QPSK_2-DH5



Dwell Time
NT/NV_8DPSK_3-DH5

6.6. Spurious Emissions

Test Result

Left:

GFSK_DH5

Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm/MHz)	Measured Value (uW/MHz)	Limit (uW/MHz)	Result
NT/NV	Lowest Channel	30 to 1000	920.775	-41.170	0.076	≤0.25	PASS
		1000 to 2387	2255.200	-38.390	0.145	≤2.5	PASS
		2387 to 2400	2399.853	-34.000	0.398	≤25	PASS
		2483.5 to 2496.5	2486.489	-38.110	0.155	≤25	PASS
		2496.5 to 12500	4804.060	-27.490	1.782	≤2.5	PASS
	Middle Channel	30 to 1000	682.107	-41.380	0.073	≤0.25	PASS
		1000 to 2387	2018.578	-38.780	0.132	≤2.5	PASS
		2387 to 2400	2400.000	-37.760	0.167	≤25	PASS
		2483.5 to 2496.5	2487.814	-37.570	0.175	≤25	PASS
		2496.5 to 12500	4806.560	-27.870	1.633	≤2.5	PASS
	Highest Channel	30 to 1000	977.278	-41.740	0.067	≤0.25	PASS
		1000 to 2387	1778.350	-39.220	0.12	≤2.5	PASS
		2387 to 2400	2399.996	-38.190	0.152	≤25	PASS
		2483.5 to 2496.5	2495.480	-37.900	0.162	≤25	PASS
		2496.5 to 12500	4960.110	-30.130	0.971	≤2.5	PASS

π/4DQPSK_2-DH5

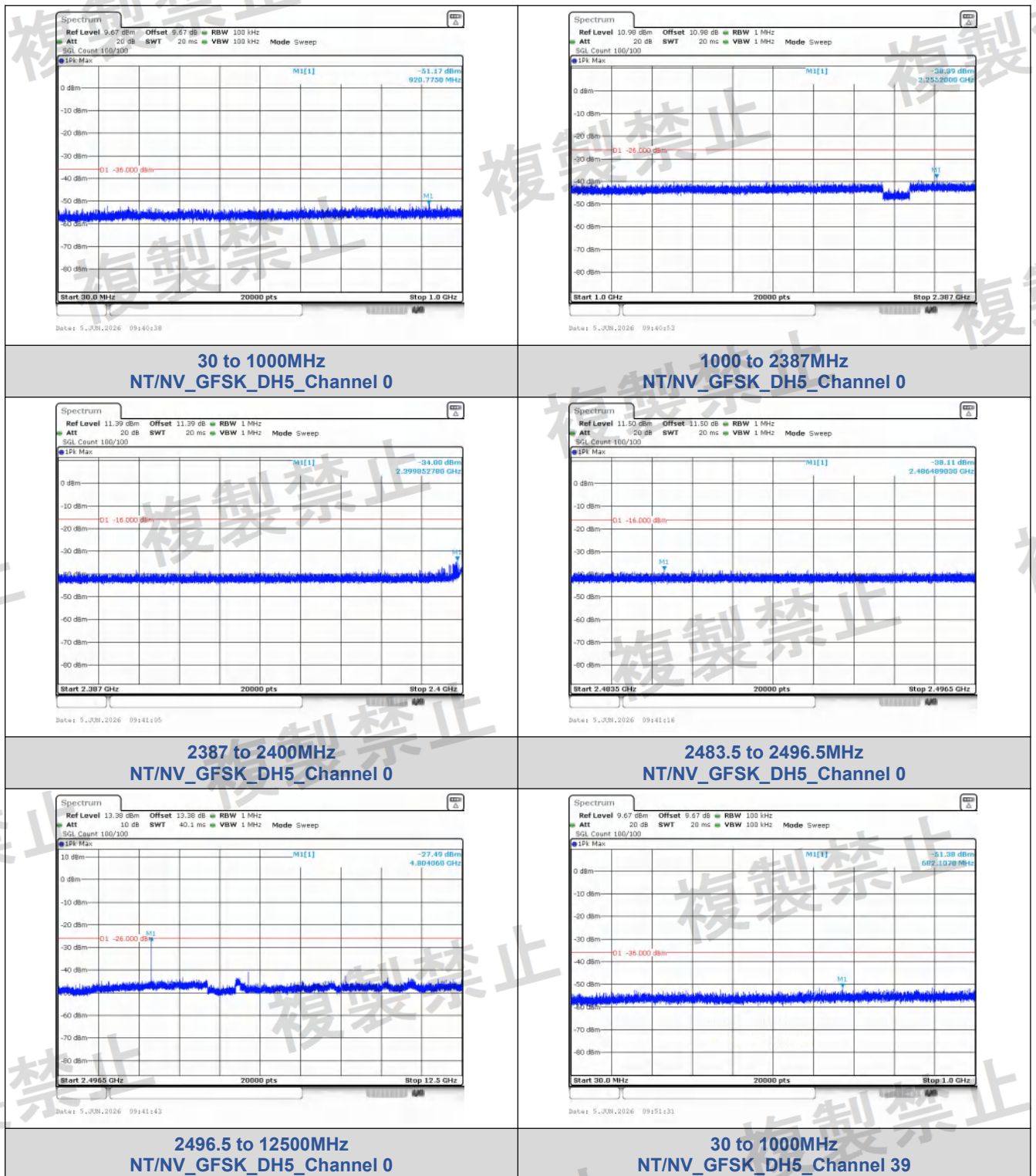
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm/MHz)	Measured Value (uW/MHz)	Limit (uW/MHz)	Result
NT/NV	Lowest Channel	30 to 1000	600.821	-41.040	0.079	≤0.25	PASS
		1000 to 2387	1908.381	-39.140	0.122	≤2.5	PASS
		2387 to 2400	2399.998	-32.410	0.574	≤25	PASS
		2483.5 to 2496.5	2494.306	-37.570	0.175	≤25	PASS
		2496.5 to 12500	4804.060	-27.680	1.706	≤2.5	PASS
	Middle Channel	30 to 1000	806.994	-41.070	0.078	≤0.25	PASS
		1000 to 2387	1783.898	-38.220	0.151	≤2.5	PASS

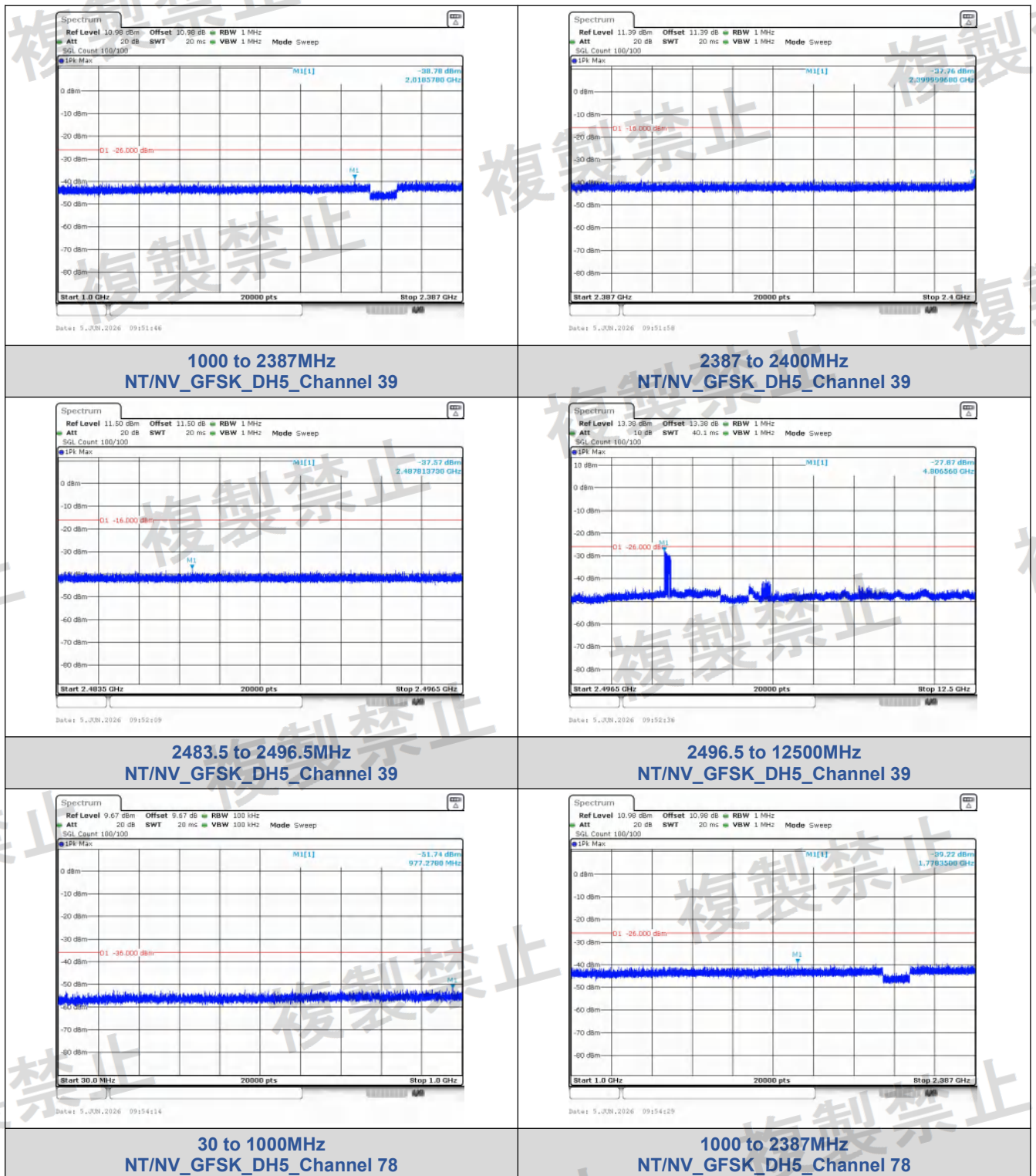
		2387 to 2400	2387.497	-38.290	0.148	≤25	PASS
		2483.5 to 2496.5	2495.755	-38.090	0.155	≤25	PASS
		2496.5 to 12500	4805.560	-27.900	1.622	≤2.5	PASS
	Highest Channel	30 to 1000	894.197	-41.740	0.067	≤0.25	PASS
		1000 to 2387	1569.884	-39.170	0.121	≤2.5	PASS
		2387 to 2400	2393.053	-38.390	0.145	≤25	PASS
		2483.5 to 2496.5	2492.466	-38.060	0.156	≤25	PASS
		2496.5 to 12500	4960.110	-30.790	0.834	≤2.5	PASS

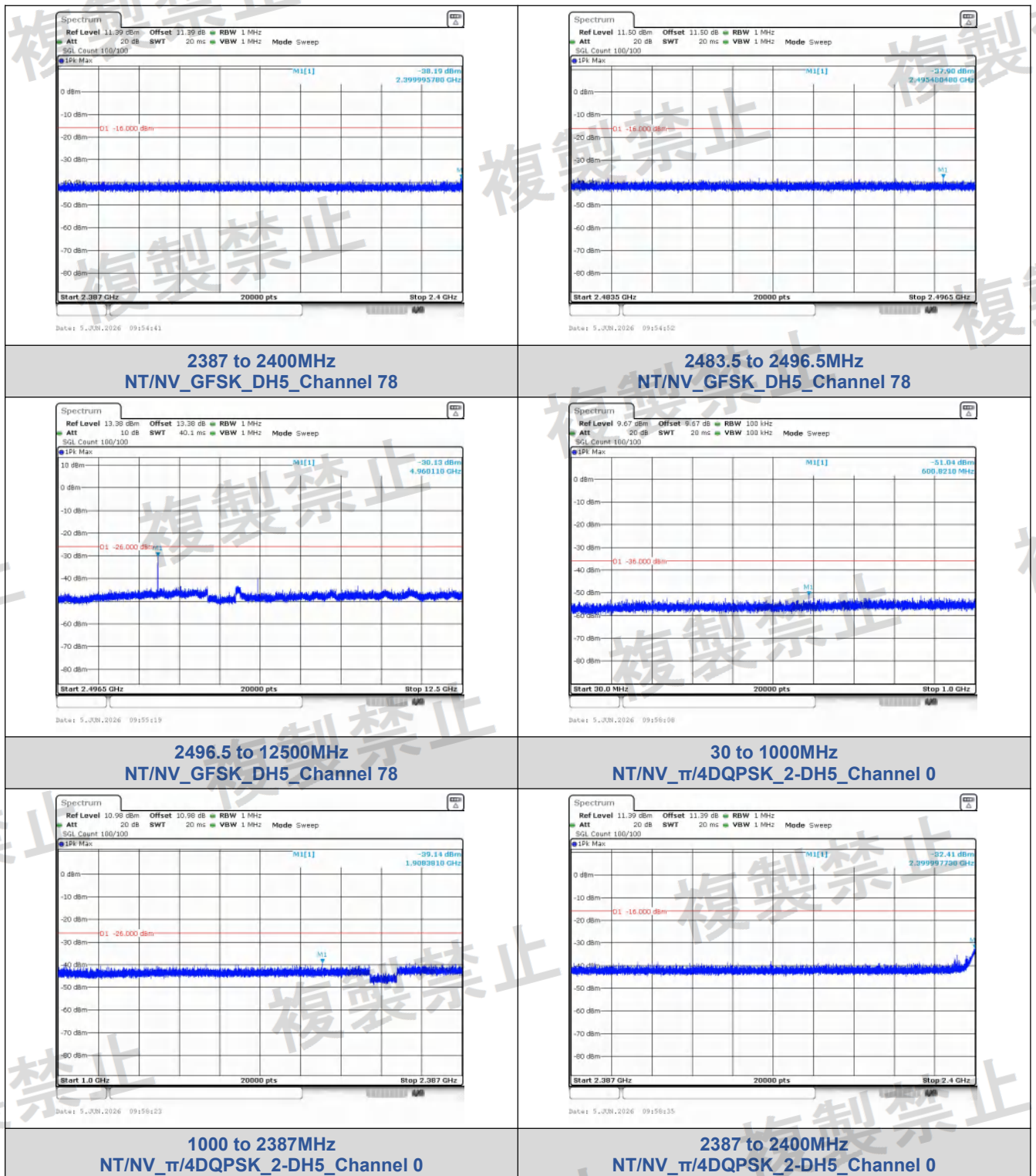
8DPSK_3-DH5

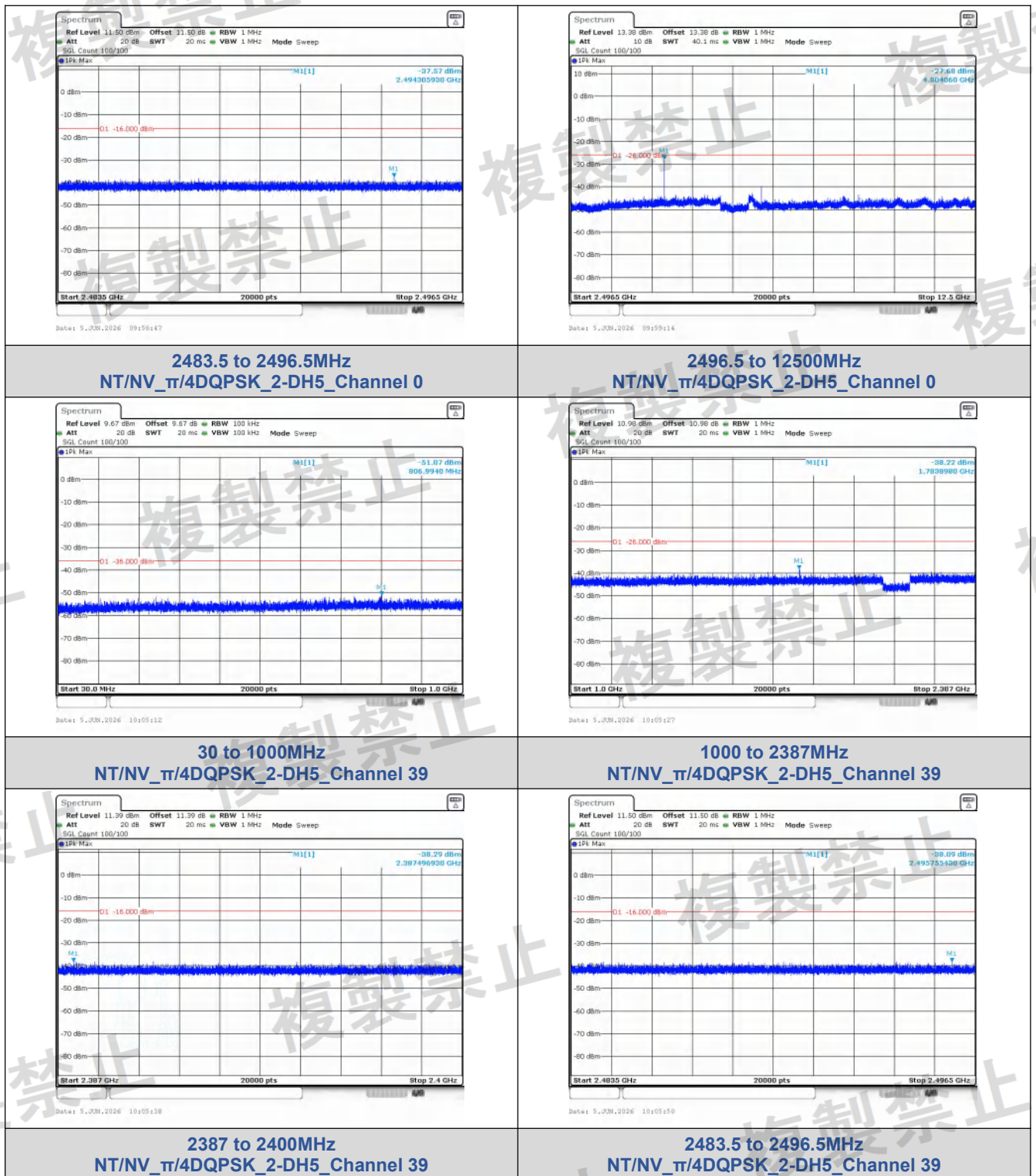
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm/MHz)	Measured Value (uW/MHz)	Limit (uW/MHz)	Result
NT/NV	Lowest Channel	30 to 1000	287.899	-41.280	0.074	≤0.25	PASS
		1000 to 2387	2380.446	-38.480	0.142	≤2.5	PASS
		2387 to 2400	2400.000	-31.610	0.69	≤25	PASS
		2483.5 to 2496.5	2492.329	-38.020	0.158	≤25	PASS
		2496.5 to 12500	4804.560	-27.110	1.945	≤2.5	PASS
	Middle Channel	30 to 1000	852.245	-41.380	0.073	≤0.25	PASS
		1000 to 2387	2272.191	-39.310	0.117	≤2.5	PASS
		2387 to 2400	2399.983	-33.080	0.492	≤25	PASS
		2483.5 to 2496.5	2486.115	-37.650	0.172	≤25	PASS
		2496.5 to 12500	4814.060	-26.980	2.004	≤2.5	PASS
	Highest Channel	30 to 1000	690.061	-41.460	0.071	≤0.25	PASS
		1000 to 2387	2287.240	-39.660	0.108	≤2.5	PASS
		2387 to 2400	2394.618	-37.950	0.16	≤25	PASS
		2483.5 to 2496.5	2491.325	-37.970	0.16	≤25	PASS
		2496.5 to 12500	4960.610	-30.090	0.979	≤2.5	PASS

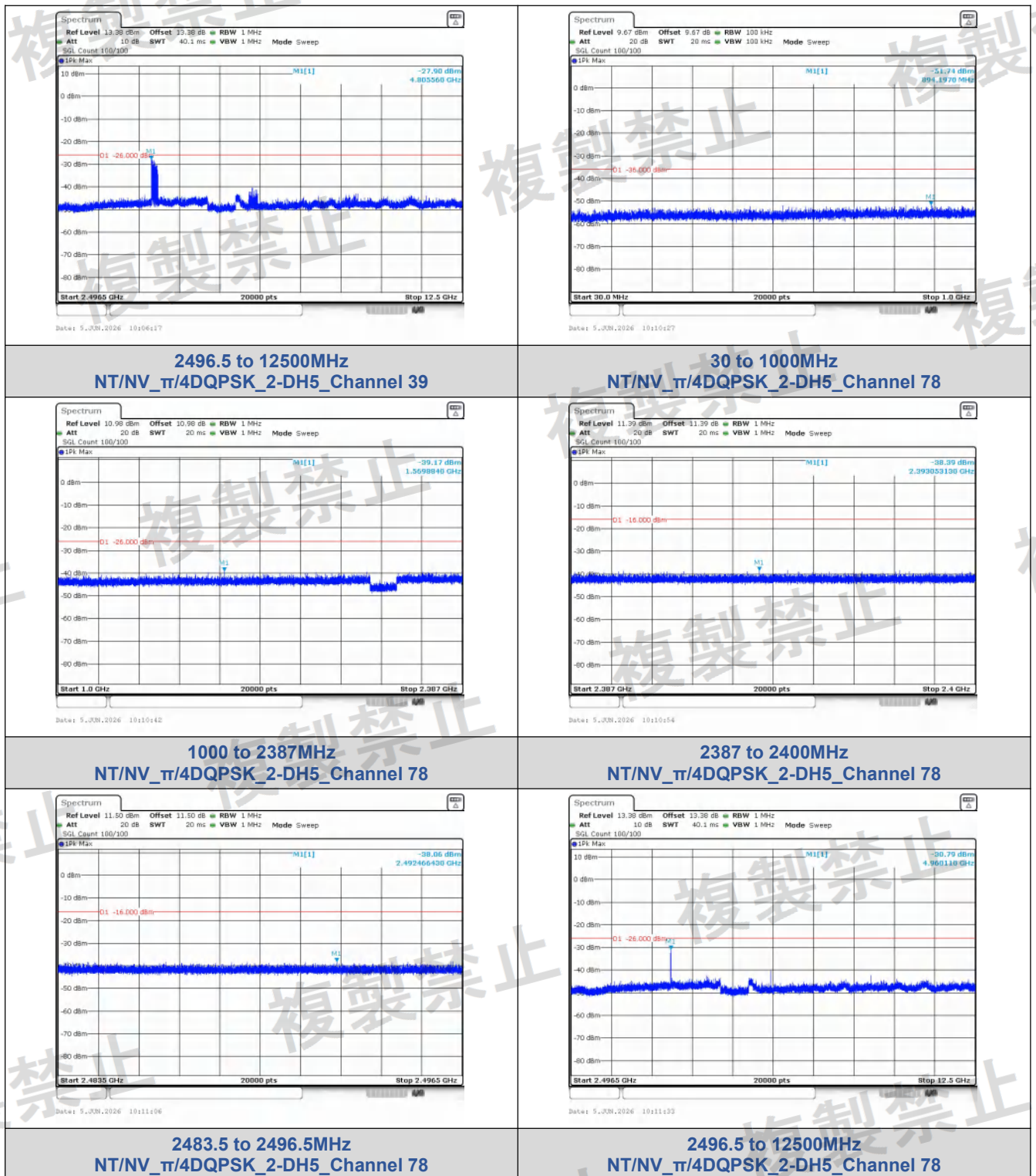
Test Graphs

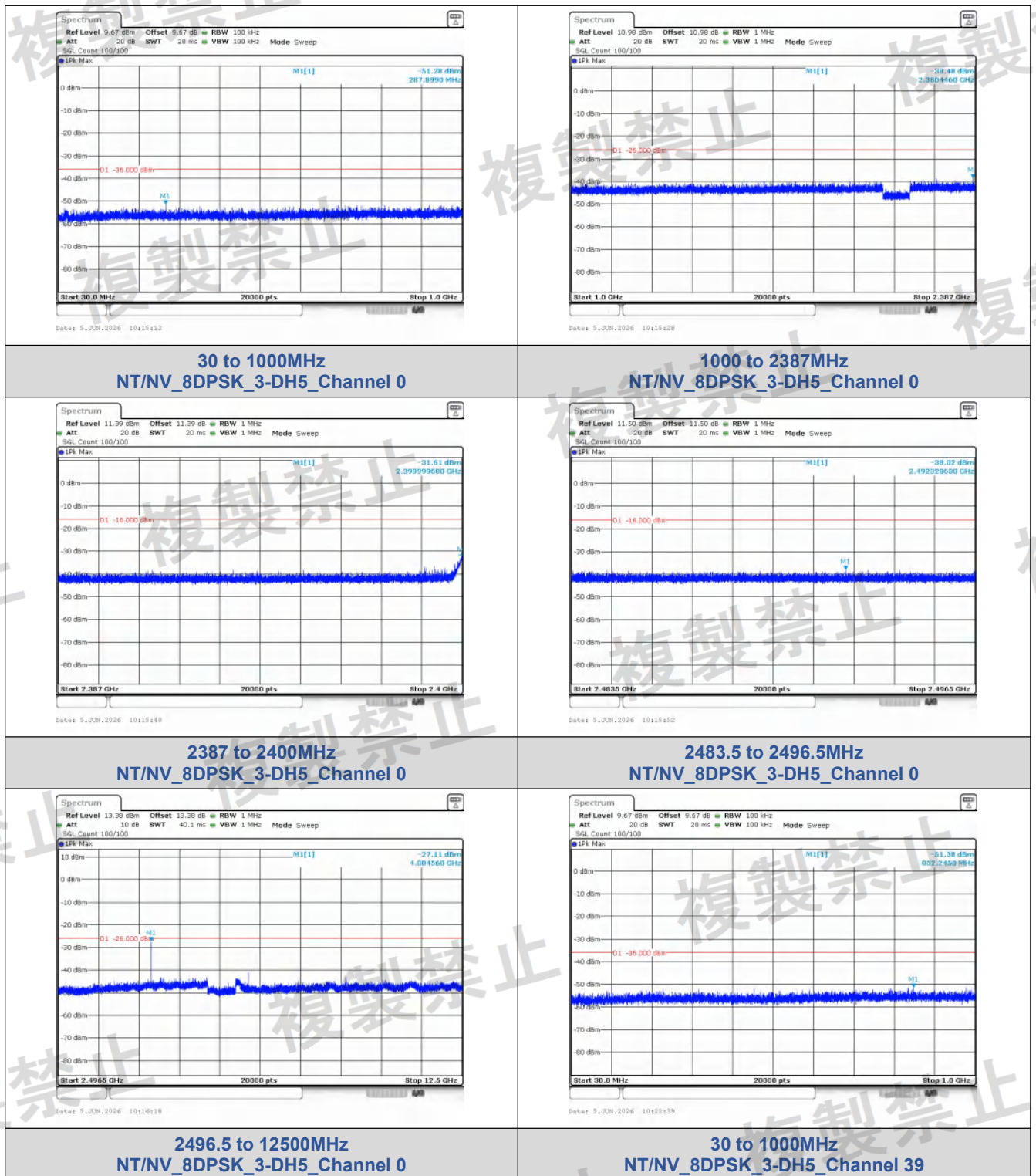


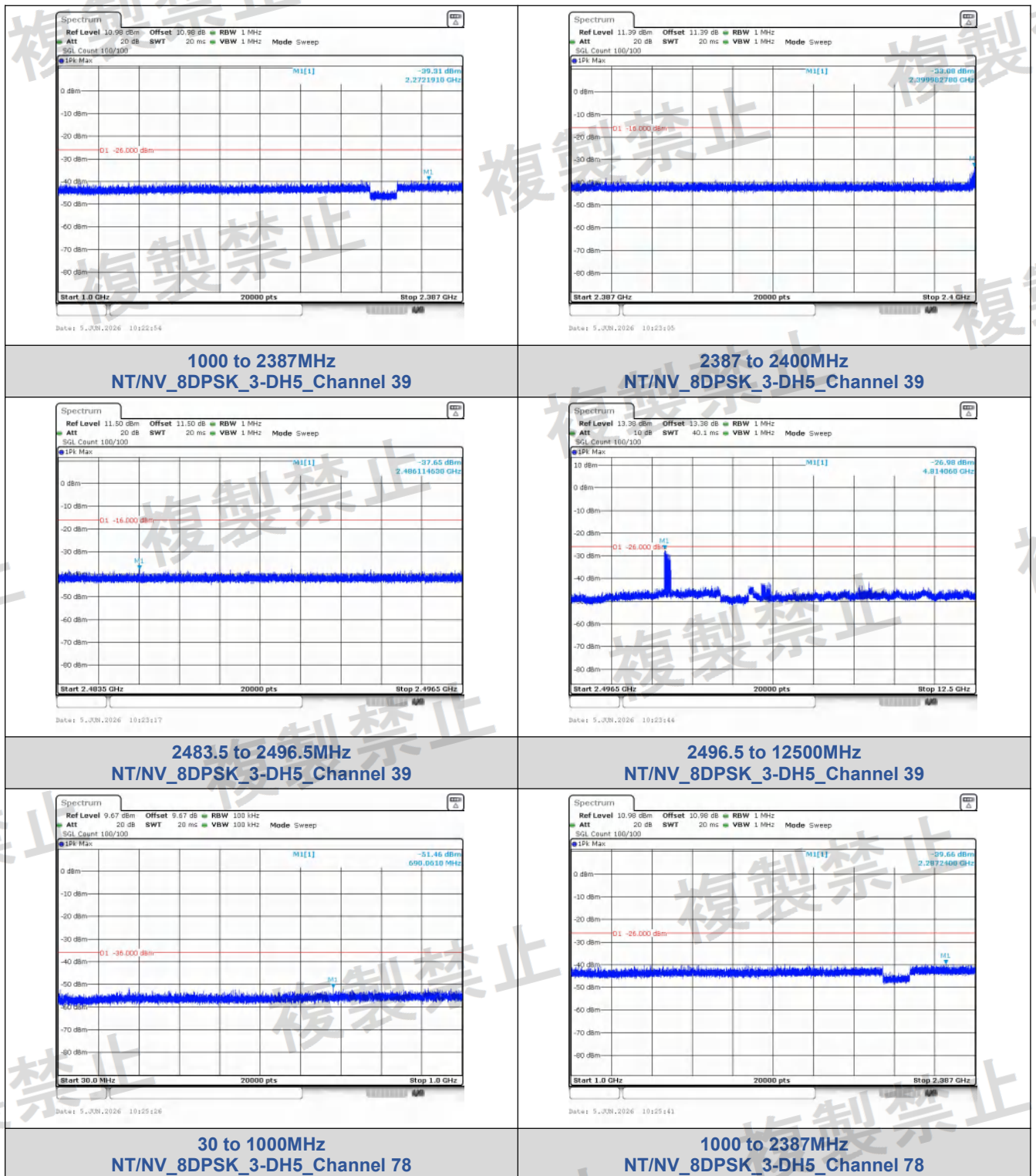


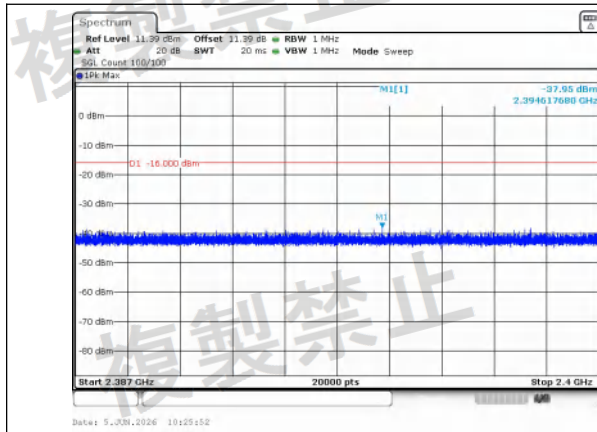




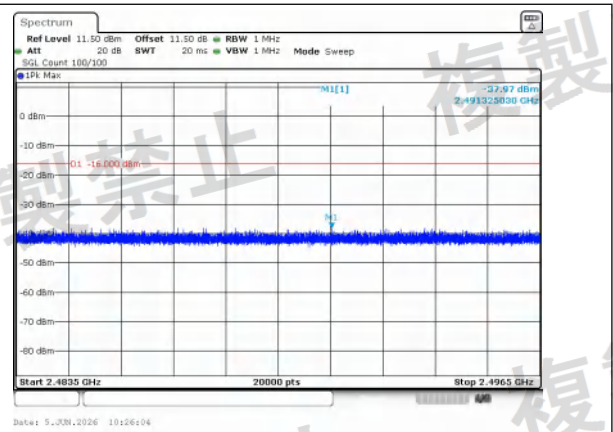




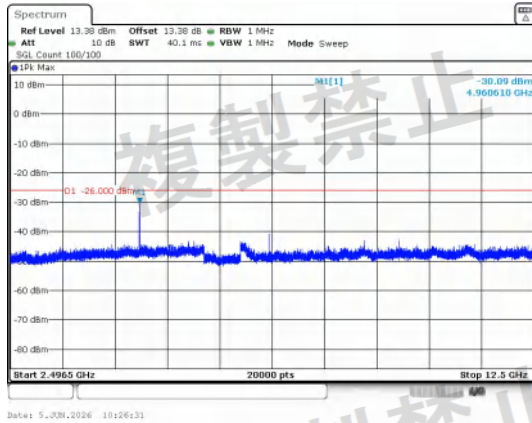




2387 to 2400MHz
NT/NV_8DPSK_3-DH5_Channel 78



2483.5 to 2496.5MHz
NT/NV_8DPSK_3-DH5_Channel 78



2496.5 to 12500MHz
NT/NV_8DPSK_3-DH5_Channel 78

Right:
GFSK_DH5

Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm/MHz)	Measured Value (uW/MHz)	Limit (uW/MHz)	Result
NT/NV	Lowest Channel	30 to 1000	809.080	-41.590	0.069	≤0.25	PASS
		1000 to 2387	2256.171	-39.370	0.116	≤2.5	PASS
		2387 to 2400	2399.630	-35.230	0.3	≤25	PASS
		2483.5 to 2496.5	2484.154	-36.640	0.217	≤25	PASS
		2496.5 to 12500	4804.060	-27.280	1.871	≤2.5	PASS
	Middle Channel	30 to 1000	764.508	-41.430	0.072	≤0.25	PASS
		1000 to 2387	1455.317	-39.220	0.12	≤2.5	PASS
		2387 to 2400	2399.917	-38.060	0.156	≤25	PASS
		2483.5 to 2496.5	2483.872	-38.060	0.156	≤25	PASS
		2496.5 to 12500	4821.560	-27.790	1.663	≤2.5	PASS
	Highest	30 to 1000	555.037	-41.810	0.066	≤0.25	PASS

	Channel	1000 to 2387	2242.717	-38.560	0.139	≤2.5	PASS
		2387 to 2400	2396.206	-38.210	0.151	≤25	PASS
		2483.5 to 2496.5	2485.000	-37.500	0.178	≤25	PASS
		2496.5 to 12500	4960.110	-30.020	0.995	≤2.5	PASS

π/4DQPSK_2-DH5

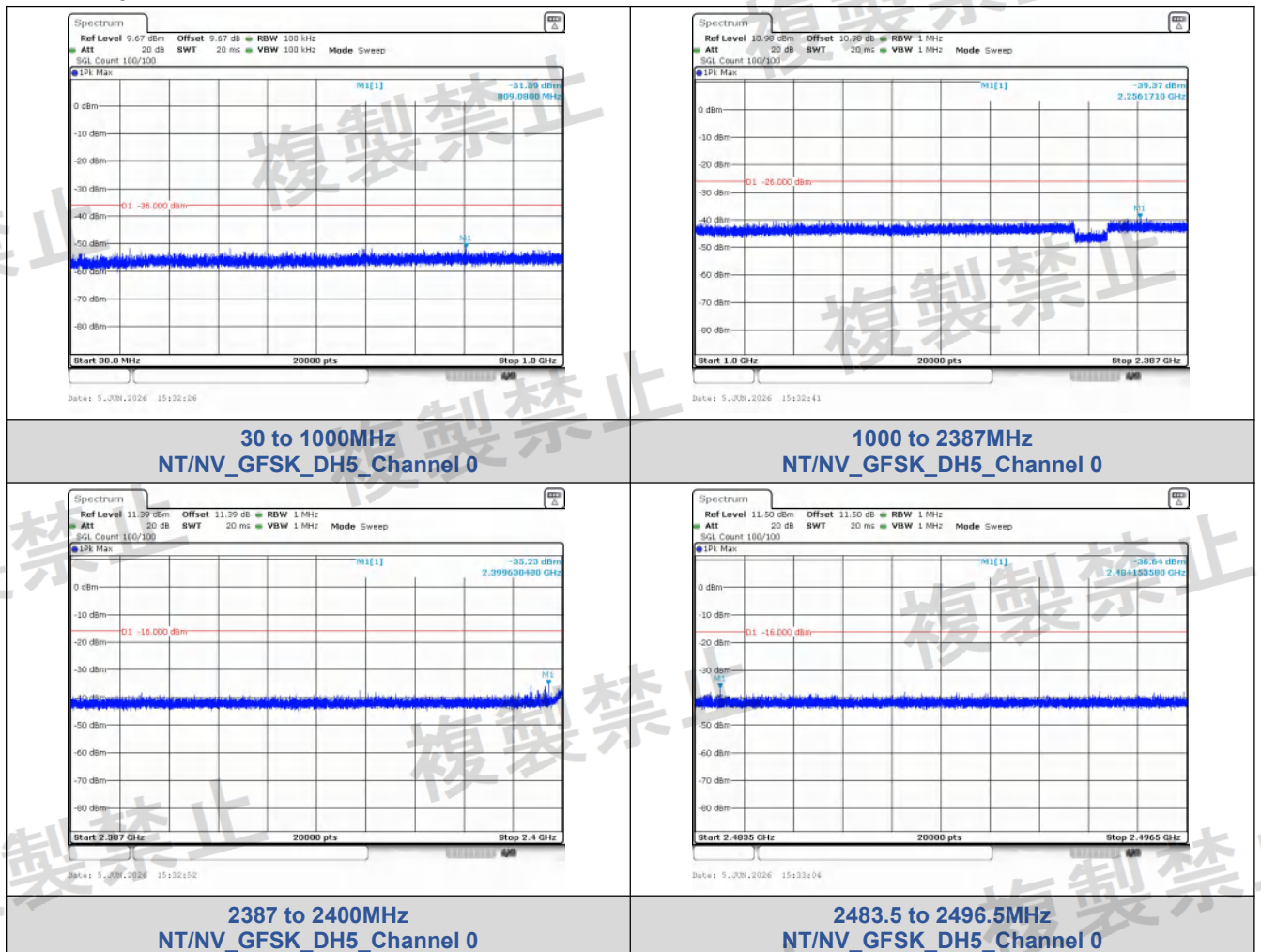
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm/MHz)	Measured Value (uW/MHz)	Limit (uW/MHz)	Result
NT/NV	Lowest Channel	30 to 1000	726.484	-40.990	0.08	≤0.25	PASS
		1000 to 2387	2353.747	-39.000	0.126	≤2.5	PASS
		2387 to 2400	2400.000	-31.790	0.662	≤25	PASS
		2483.5 to 2496.5	2485.610	-37.750	0.168	≤25	PASS
		2496.5 to 12500	4803.560	-28.070	1.56	≤2.5	PASS
	Middle Channel	30 to 1000	777.361	-41.150	0.077	≤0.25	PASS
		1000 to 2387	2060.743	-39.200	0.12	≤2.5	PASS
		2387 to 2400	2399.890	-35.890	0.258	≤25	PASS
		2483.5 to 2496.5	2488.704	-38.050	0.157	≤25	PASS
		2496.5 to 12500	4804.060	-27.960	1.6	≤2.5	PASS
	Highest Channel	30 to 1000	980.236	-41.530	0.07	≤0.25	PASS
		1000 to 2387	2254.992	-38.920	0.128	≤2.5	PASS
		2387 to 2400	2390.010	-38.470	0.142	≤25	PASS
		2483.5 to 2496.5	2492.029	-38.120	0.154	≤25	PASS
		2496.5 to 12500	4959.610	-29.810	1.045	≤2.5	PASS

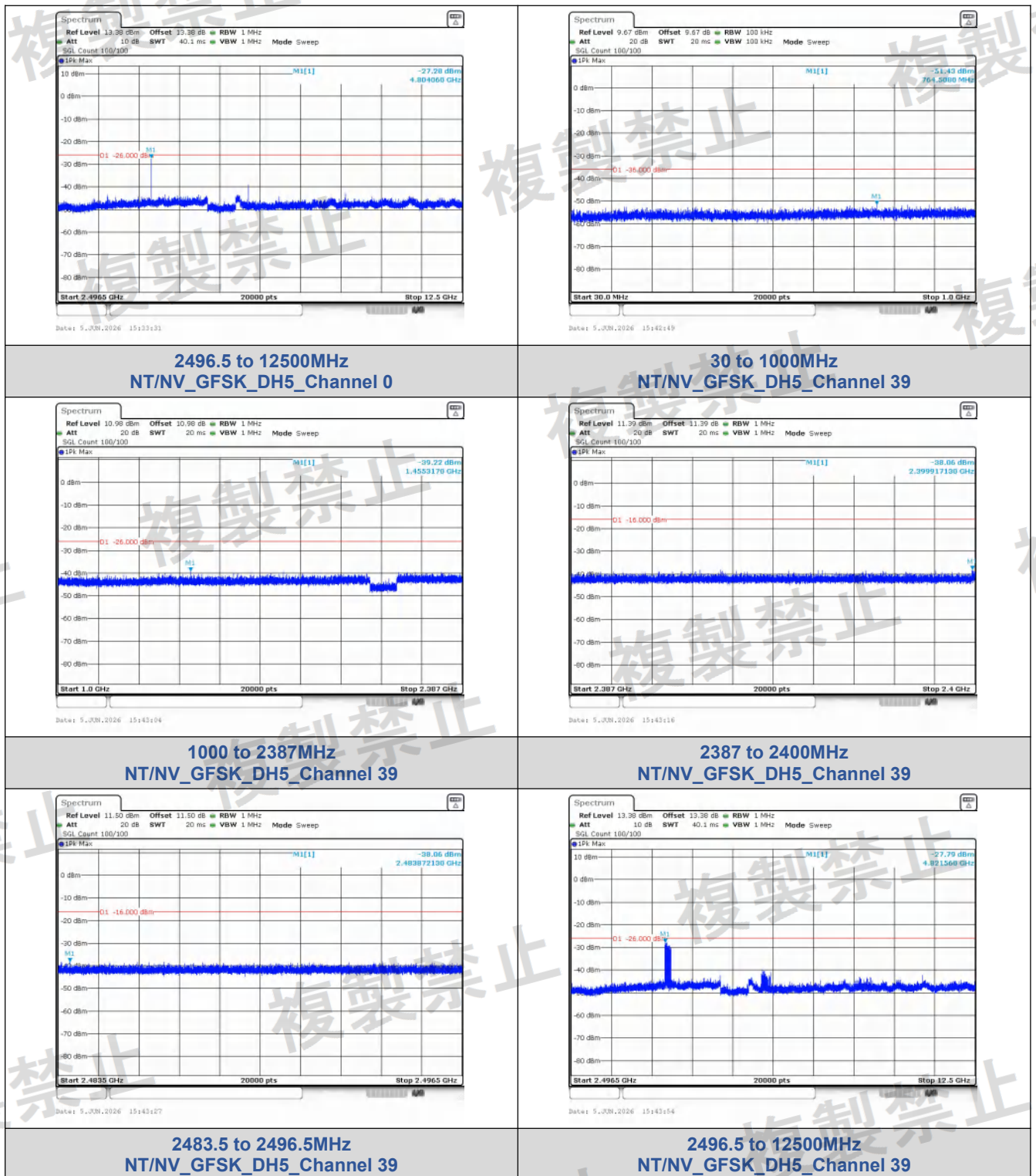
8DPSK_3-DH5

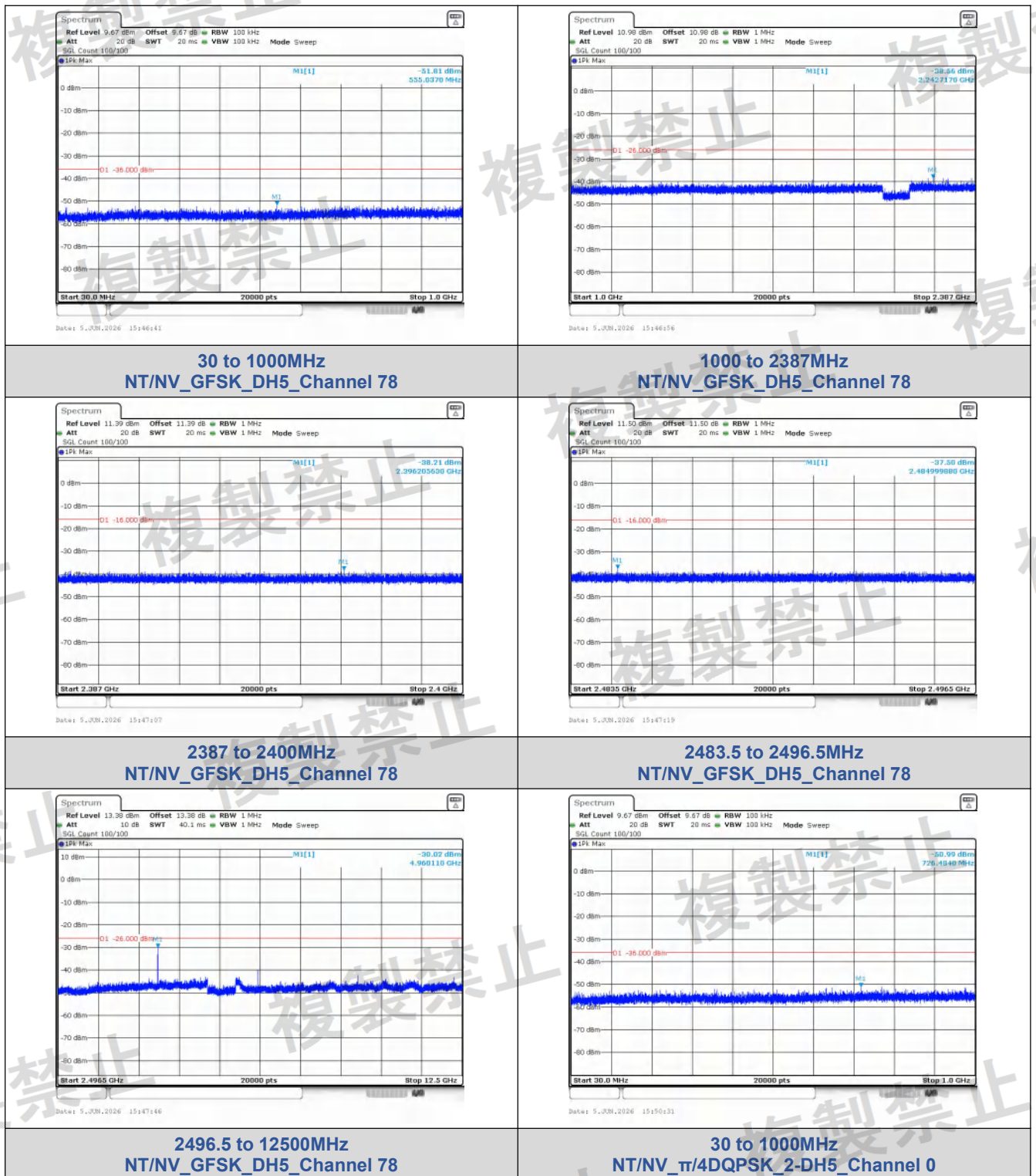
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm/MHz)	Measured Value (uW/MHz)	Limit (uW/MHz)	Result
NT/NV	Lowest Channel	30 to 1000	326.214	-41.660	0.068	≤0.25	PASS
		1000 to 2387	2306.381	-38.900	0.129	≤2.5	PASS
		2387 to 2400	2399.997	-32.040	0.625	≤25	PASS
		2483.5 to 2496.5	2487.376	-37.880	0.163	≤25	PASS

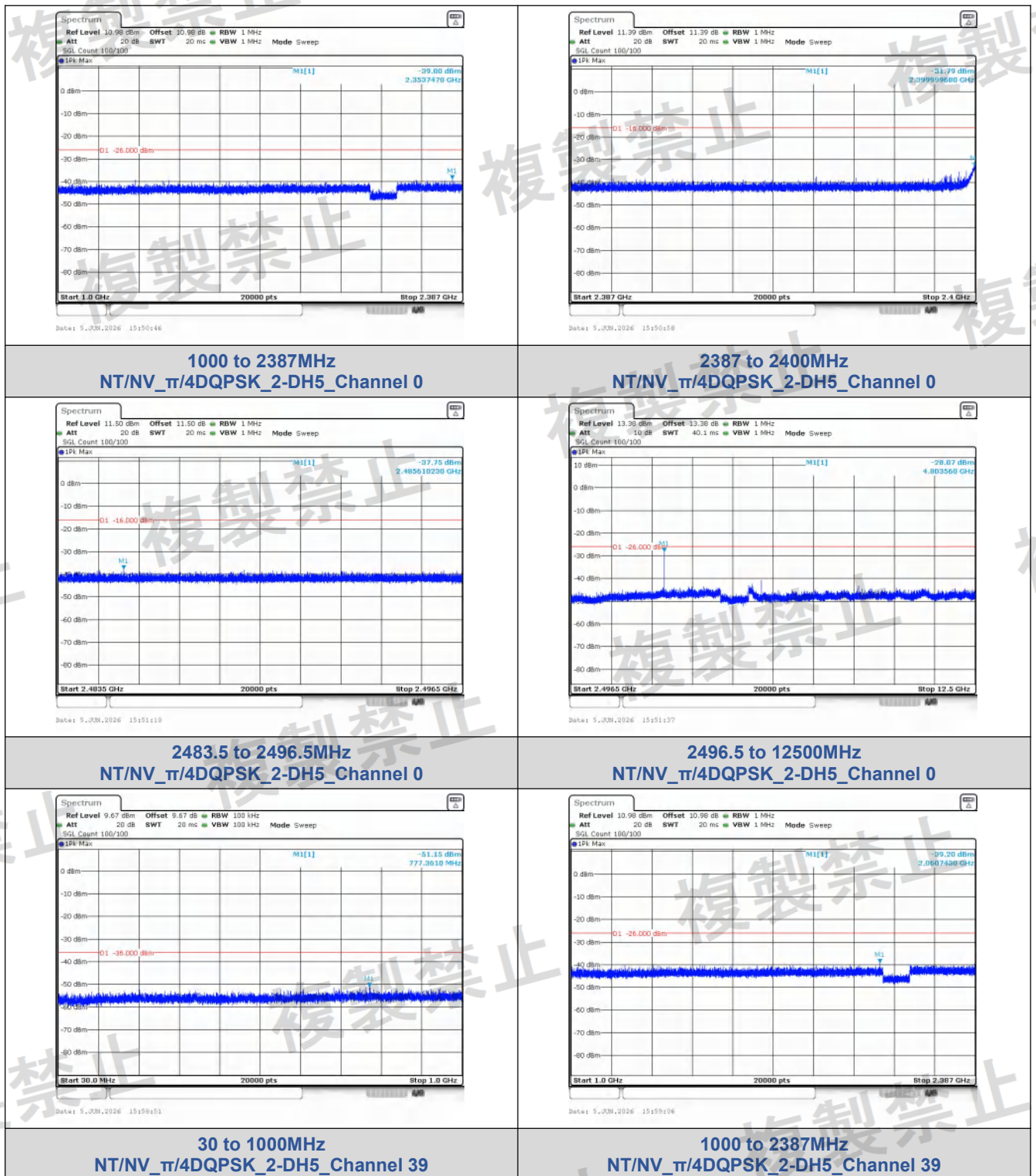
	Middle Channel	2496.5 to 12500	4804.560	-27.320	1.854	≤2.5	PASS
		30 to 1000	929.602	-41.560	0.07	≤0.25	PASS
		1000 to 2387	1760.388	-39.440	0.114	≤2.5	PASS
		2387 to 2400	2400.000	-32.640	0.545	≤25	PASS
		2483.5 to 2496.5	2492.496	-38.050	0.157	≤25	PASS
	Highest Channel	2496.5 to 12500	4814.560	-28.250	1.496	≤2.5	PASS
		30 to 1000	971.312	-40.960	0.08	≤0.25	PASS
		1000 to 2387	2311.998	-39.330	0.117	≤2.5	PASS
		2387 to 2400	2399.721	-38.370	0.146	≤25	PASS
		2483.5 to 2496.5	2494.773	-38.120	0.154	≤25	PASS
		2496.5 to 12500	4960.110	-29.550	1.109	≤2.5	PASS

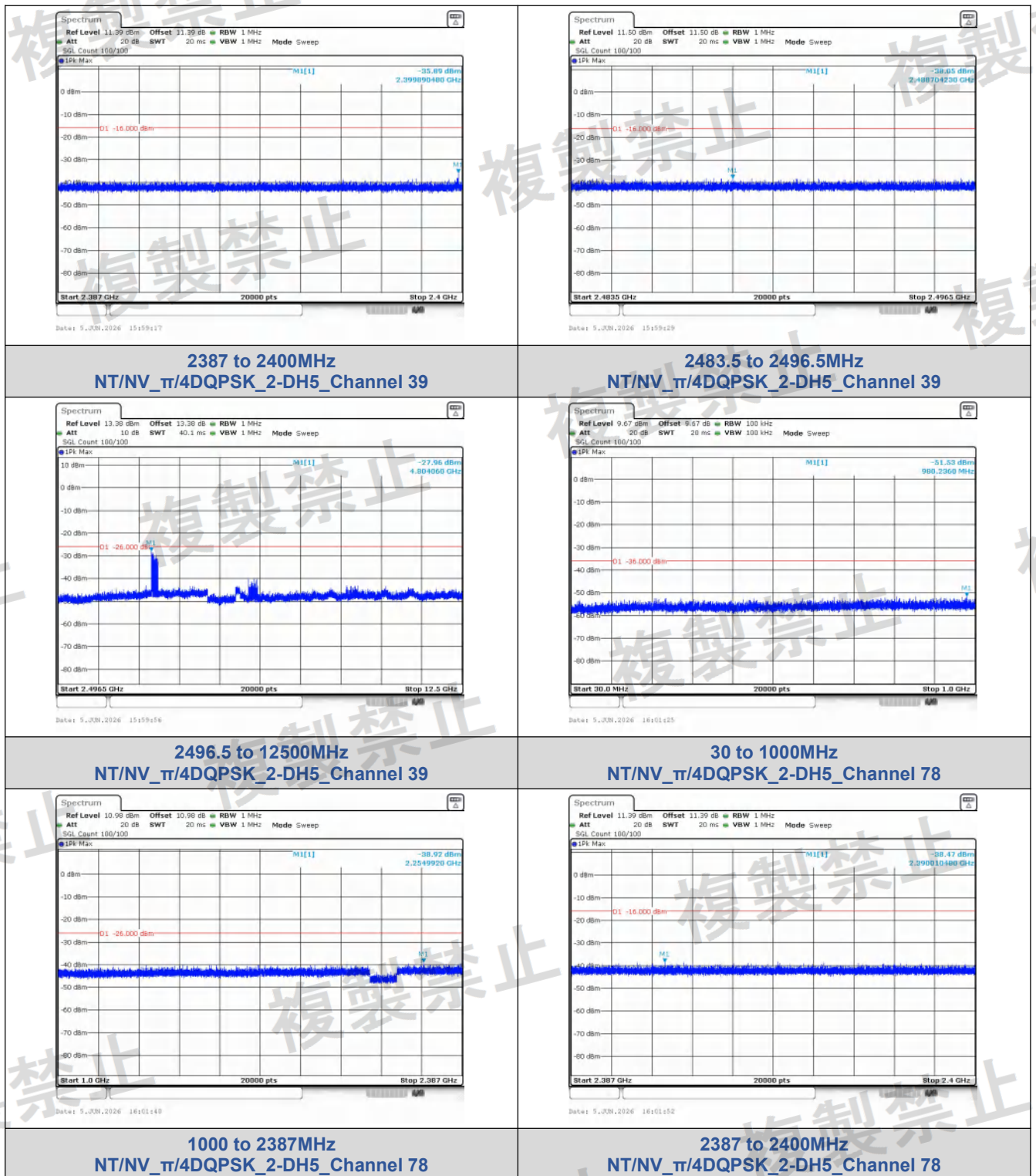
Test Graphs

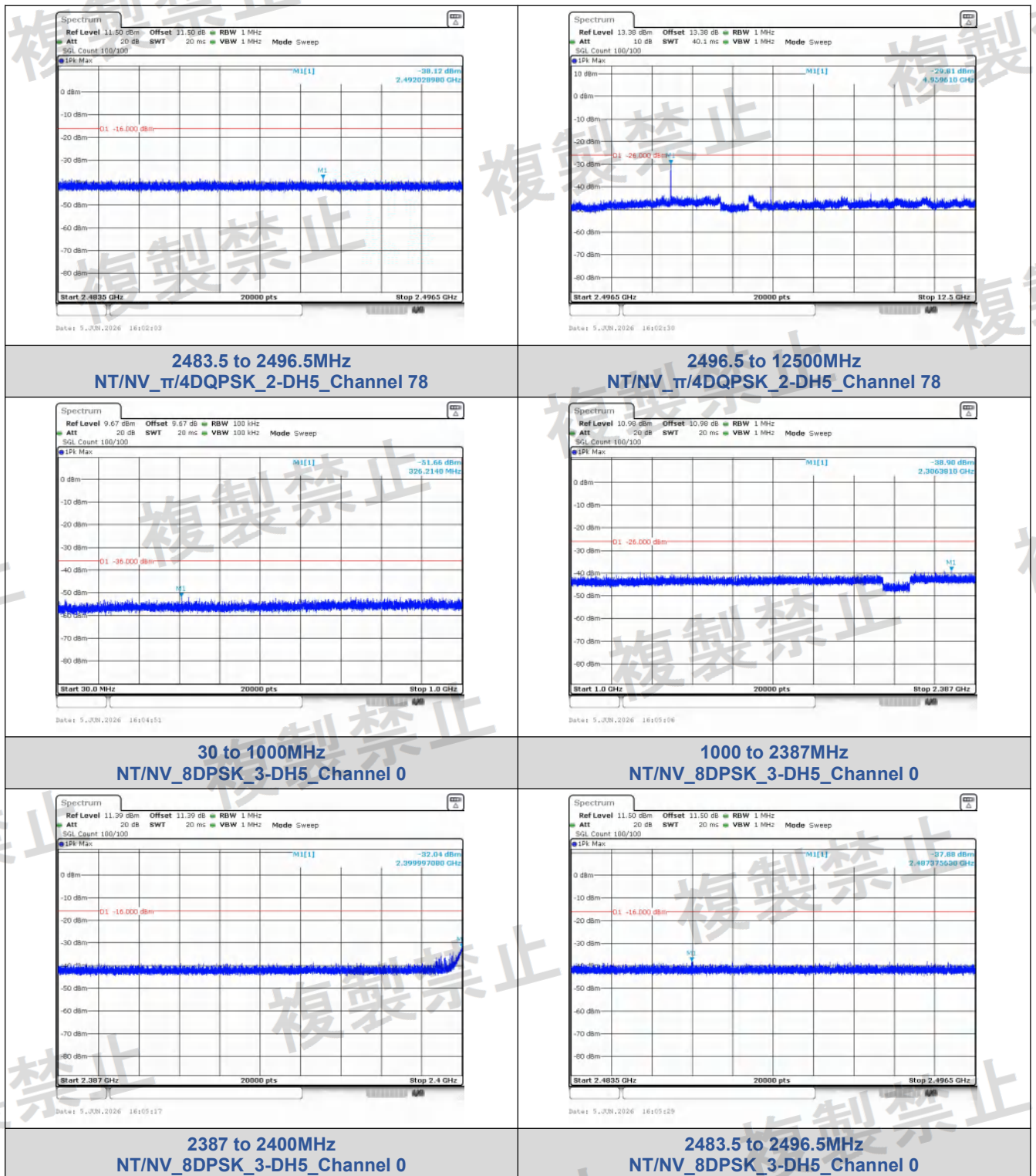


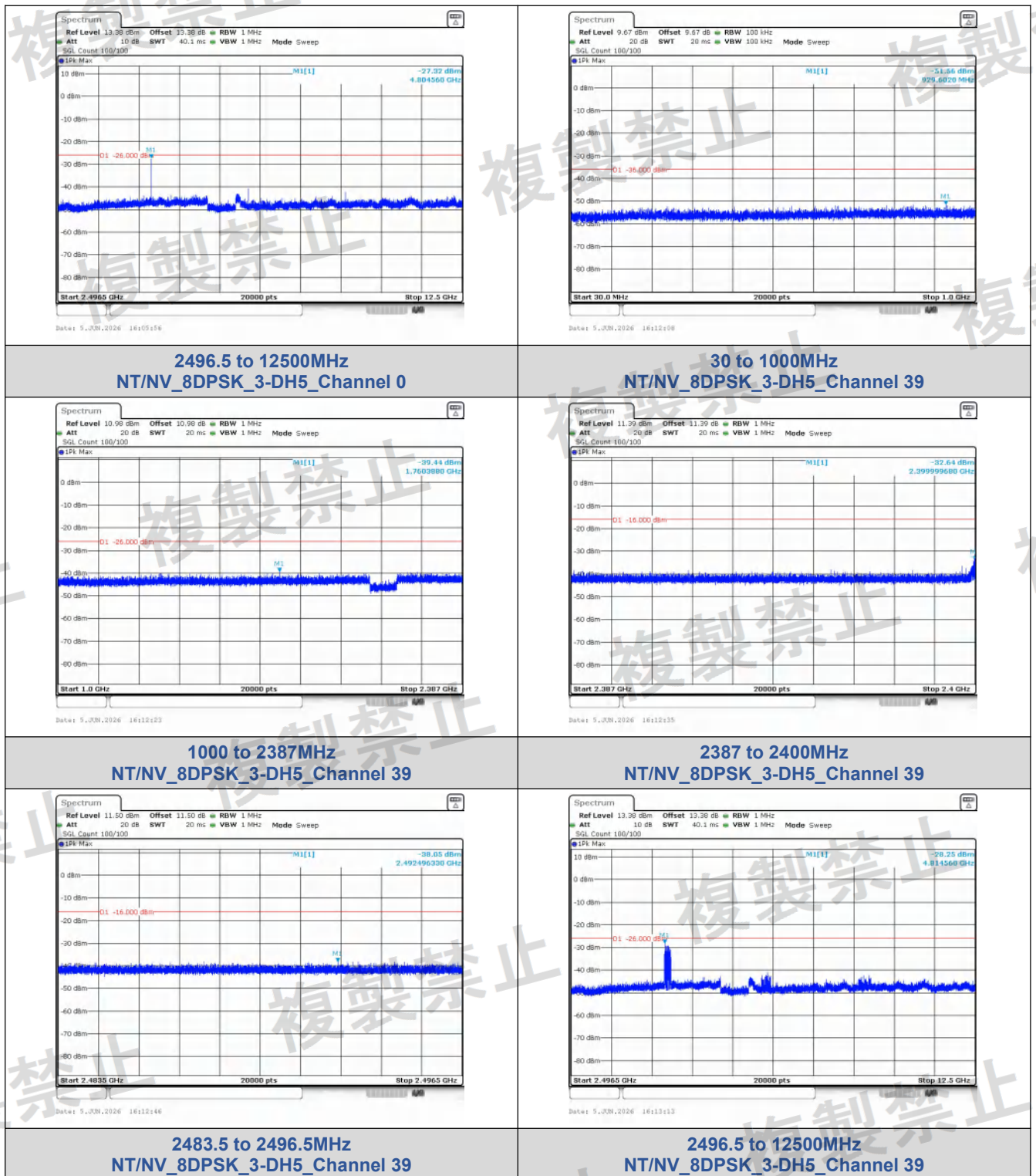


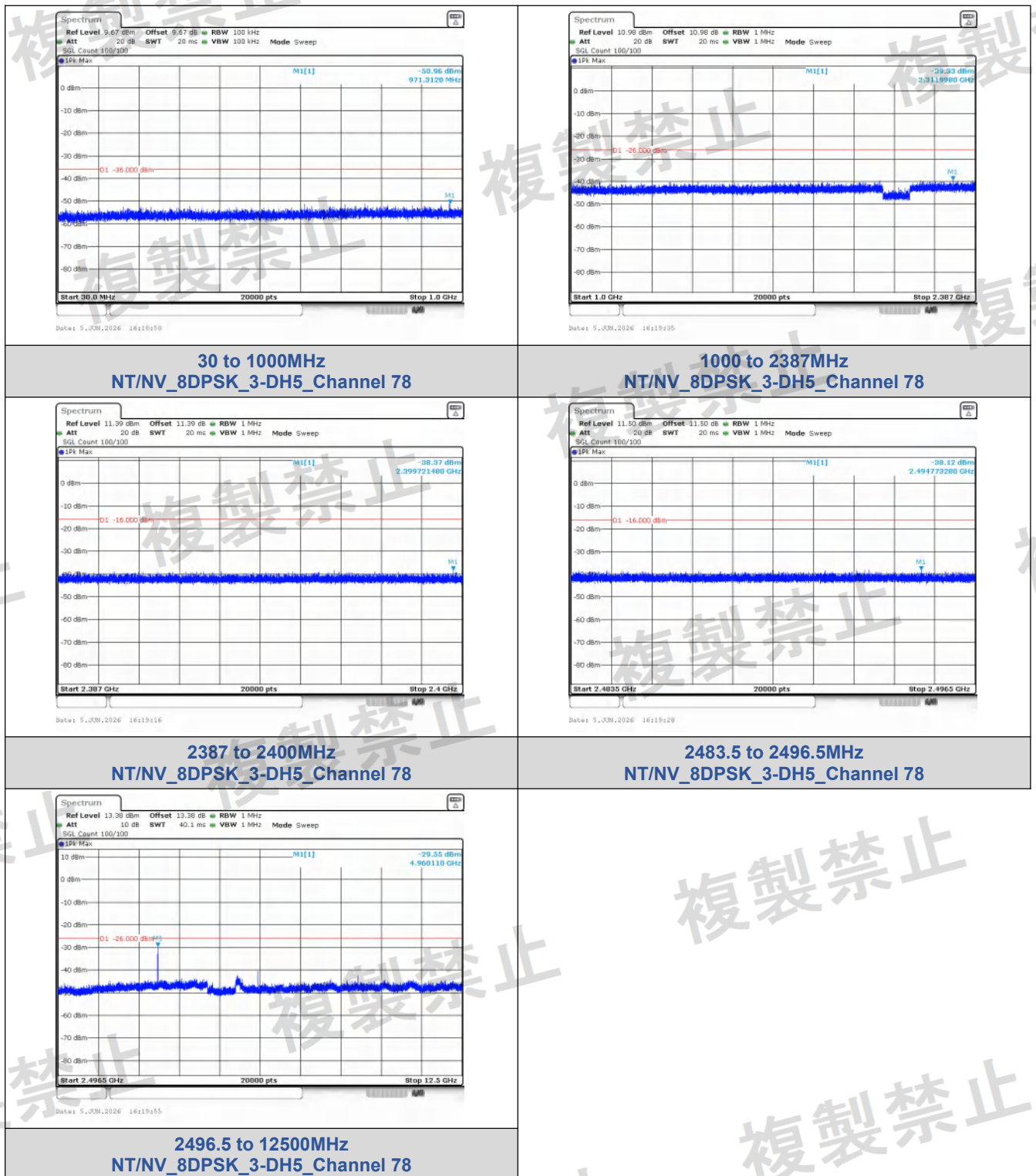












6.7. Spurious Emissions of Receiver

Test Result

Left:

Normal mode_GFSK_DH5

Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm)	Limit		Result
					dBm	nW	
NT/NV	0	30 to 1000	50.025	-59.040	-54	≤4	PASS
		1000 to 12500	2403.575	-53.080	-47	≤20	PASS
	39	30 to 1000	50.025	-59.140	-54	≤4	PASS
		1000 to 12500	2480.242	-62.290	-47	≤20	PASS
	78	30 to 1000	50.025	-59.420	-54	≤4	PASS
		1000 to 12500	6893.942	-57.330	-47	≤20	PASS

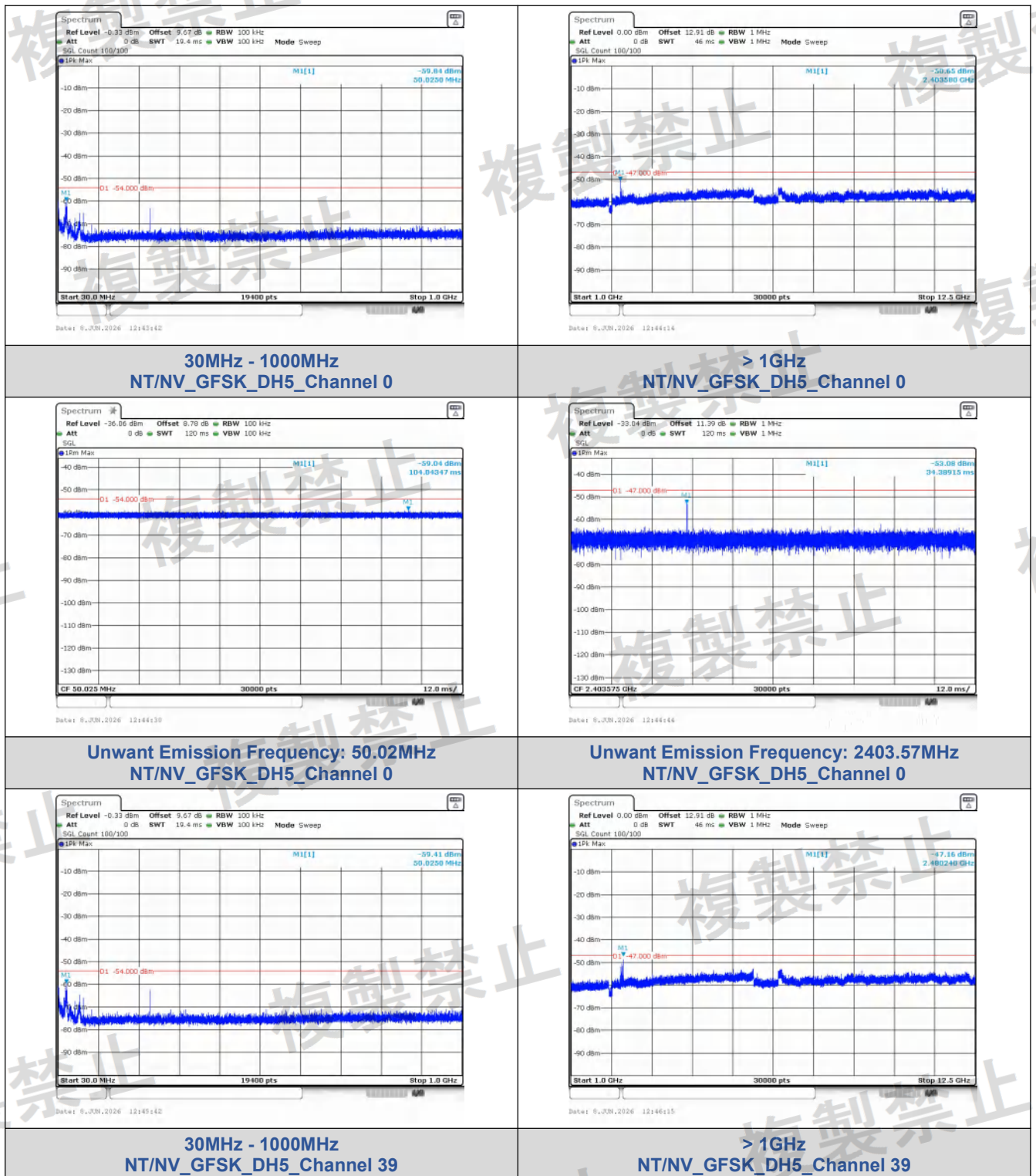
Normal mode_π/4DQPSK_2-DH5

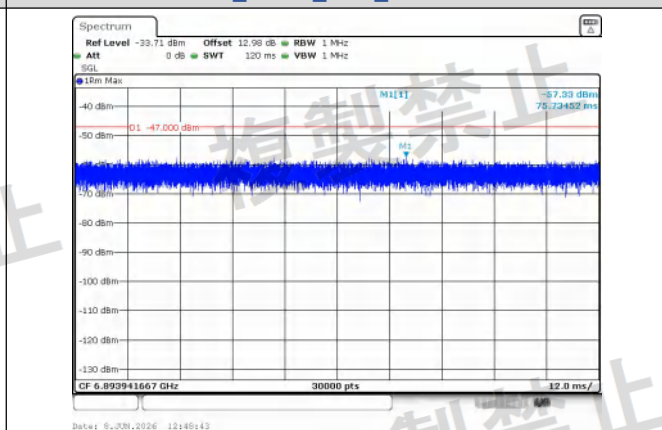
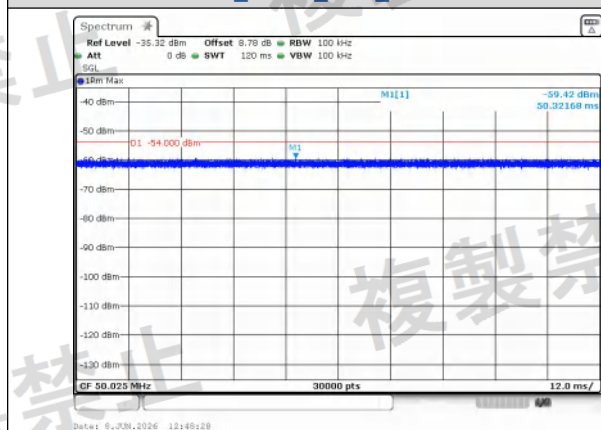
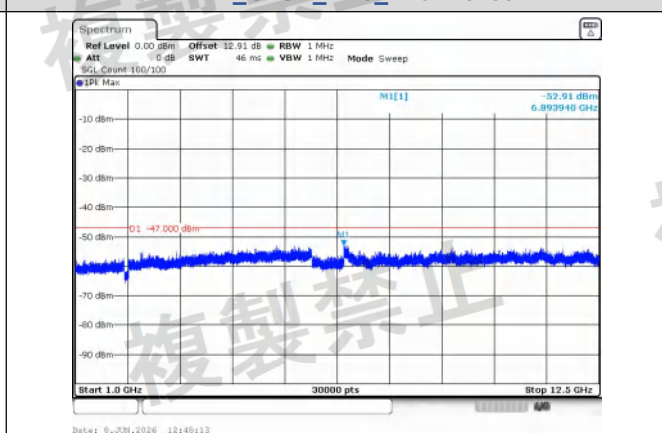
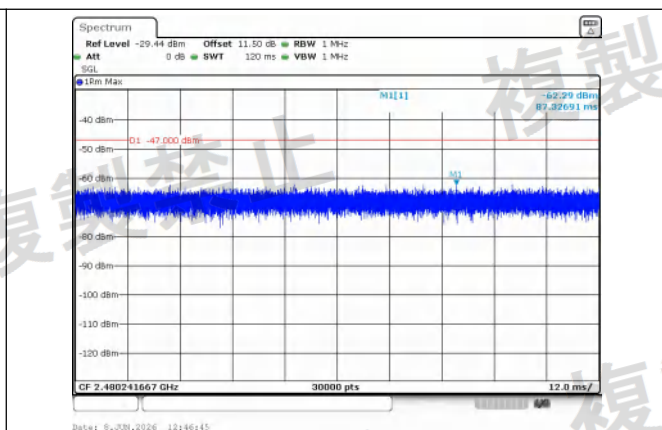
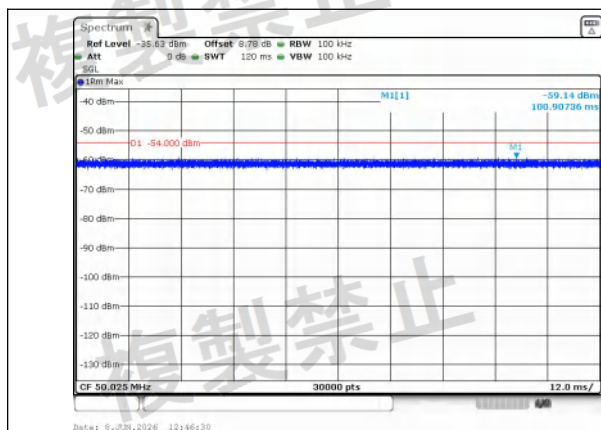
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm)	Limit		Result
					dBm	nW	
NT/NV	0	30 to 1000	50.025	-59.020	-54	≤4	PASS
		1000 to 12500	2448.042	-51.760	-47	≤20	PASS
	39	30 to 1000	50.025	-59.150	-54	≤4	PASS
		1000 to 12500	2448.808	-56.720	-47	≤20	PASS
	78	30 to 1000	50.025	-59.130	-54	≤4	PASS
		1000 to 12500	6983.642	-57.010	-47	≤20	PASS

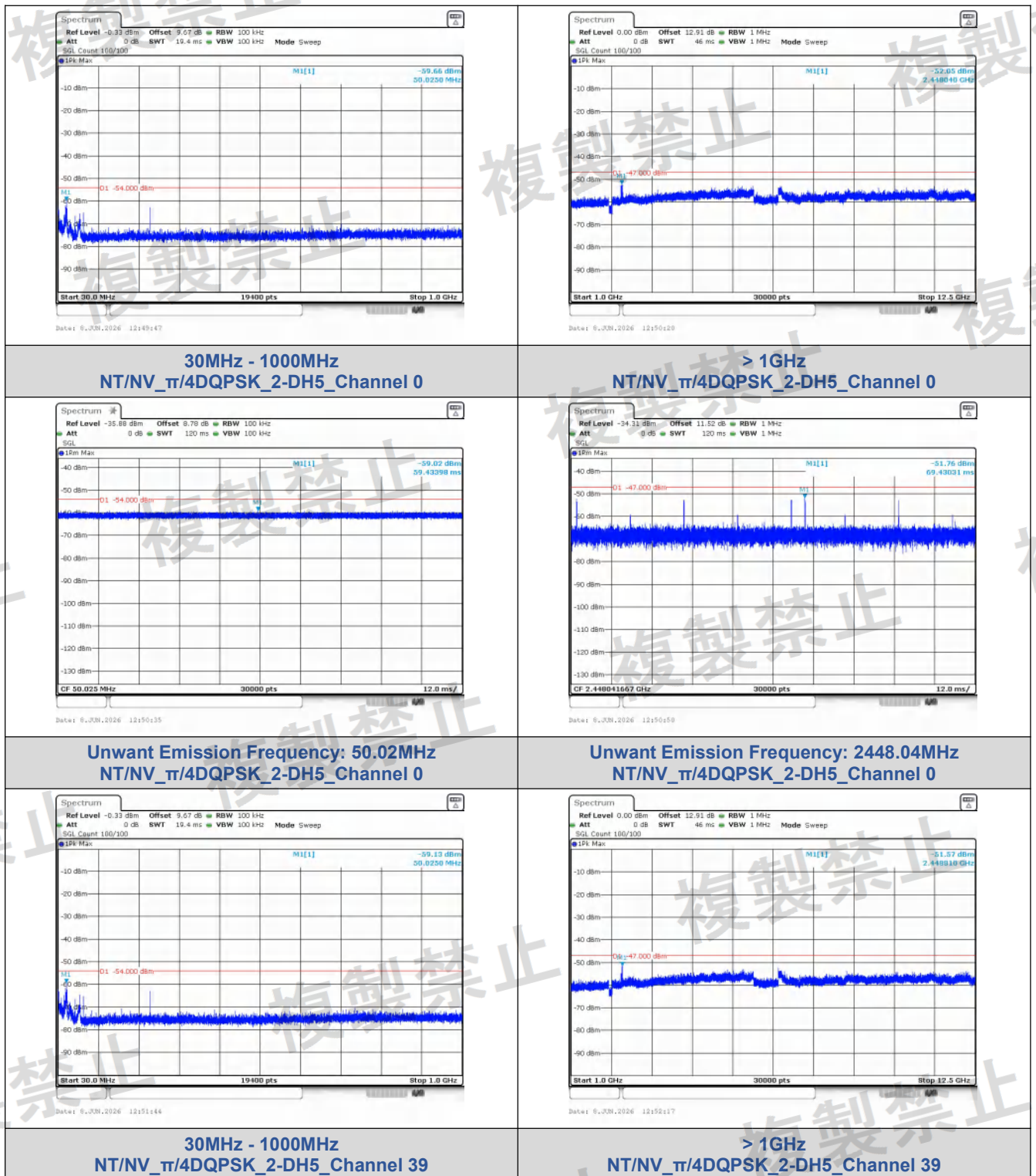
Normal mode_8DPSK_3-DH5

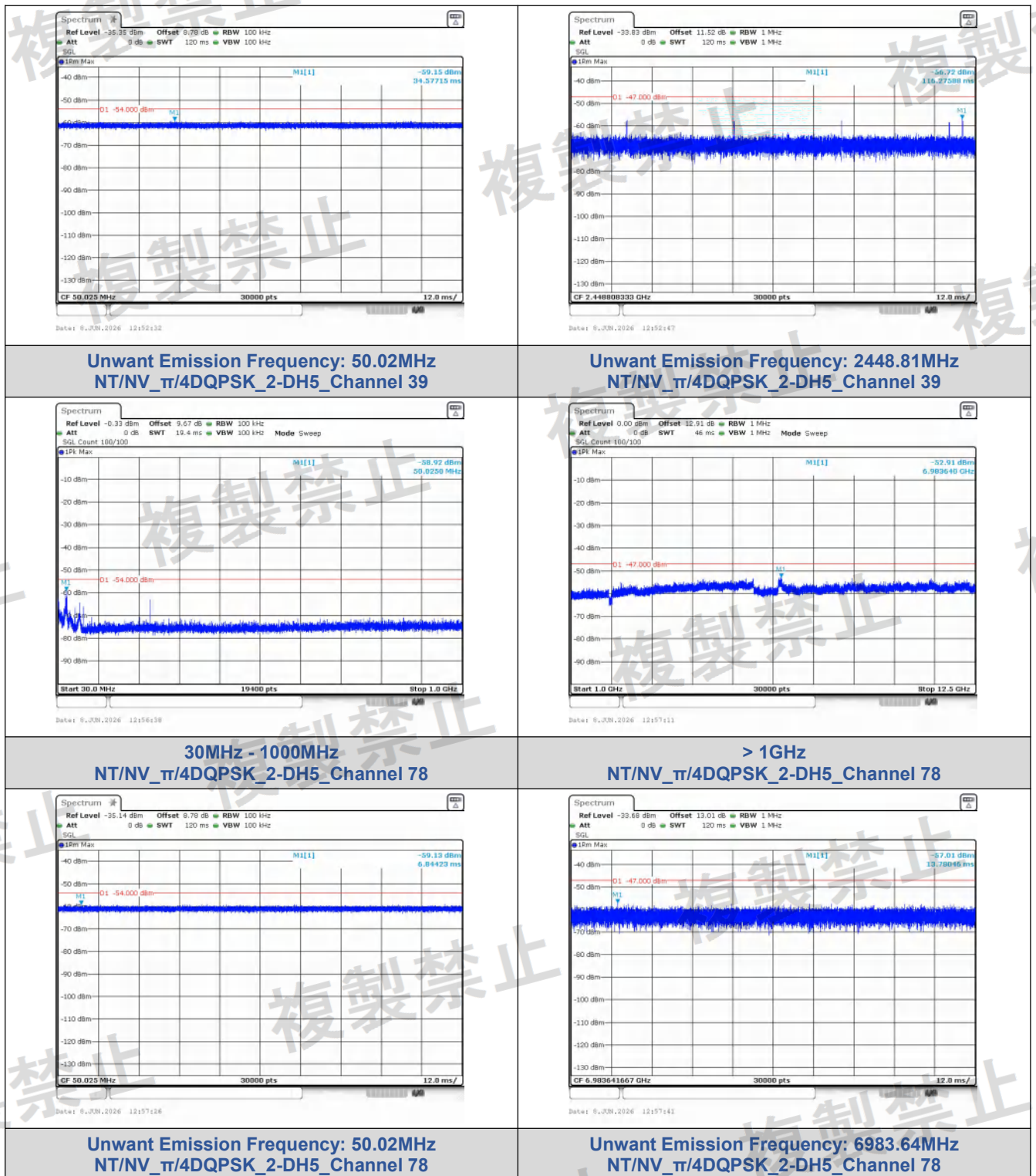
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm)	Limit		Result
					dBm	nW	
NT/NV	0	30 to 1000	50.025	-59.190	-54	≤4	PASS
		1000 to 12500	2448.425	-52.280	-47	≤20	PASS
	39	30 to 1000	30.675	-58.530	-54	≤4	PASS
		1000 to 12500	2448.042	-51.700	-47	≤20	PASS
	78	30 to 1000	30.025	-58.310	-54	≤4	PASS
		1000 to 12500	1781.808	-64.240	-47	≤20	PASS

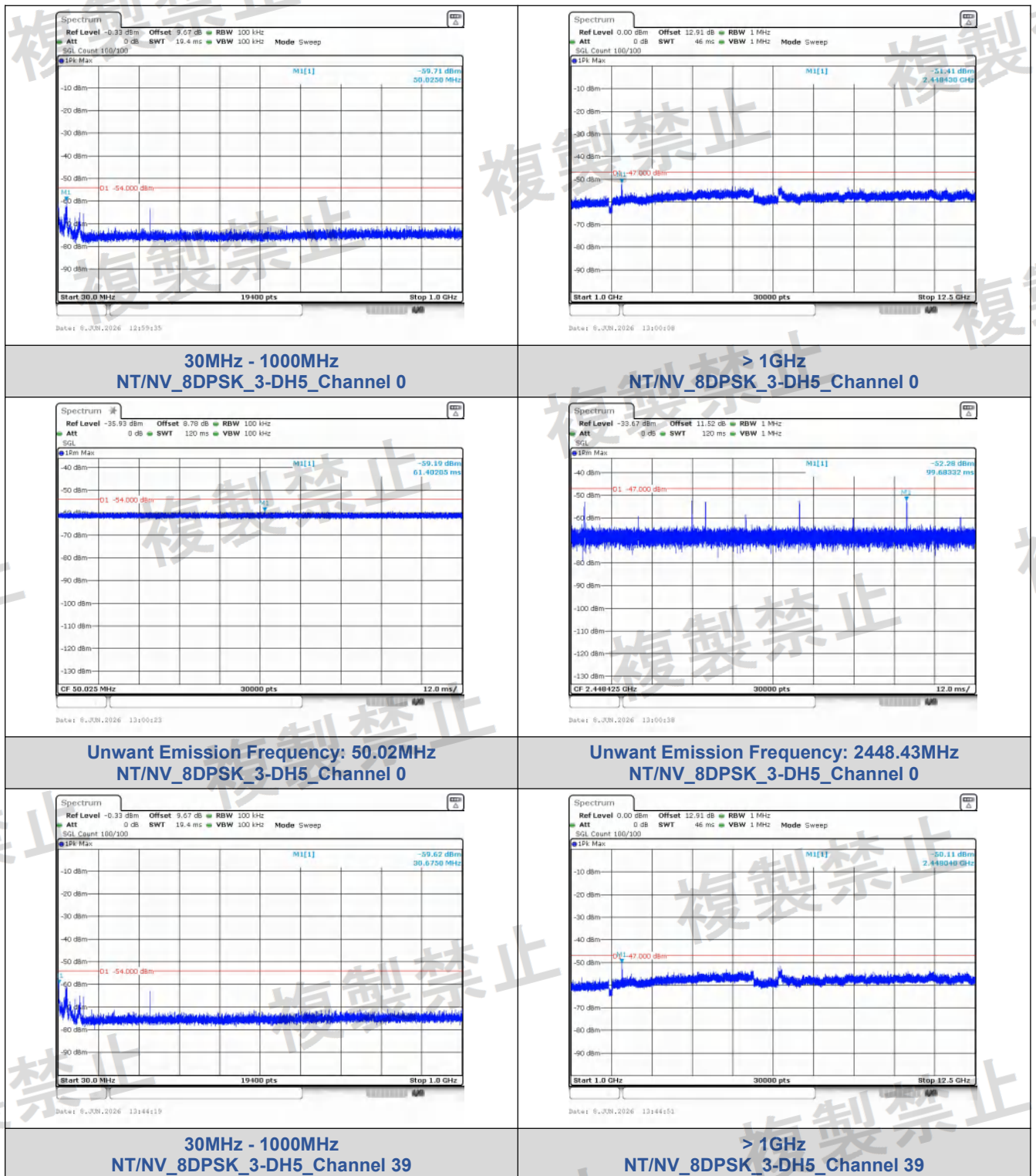
Test Graphs

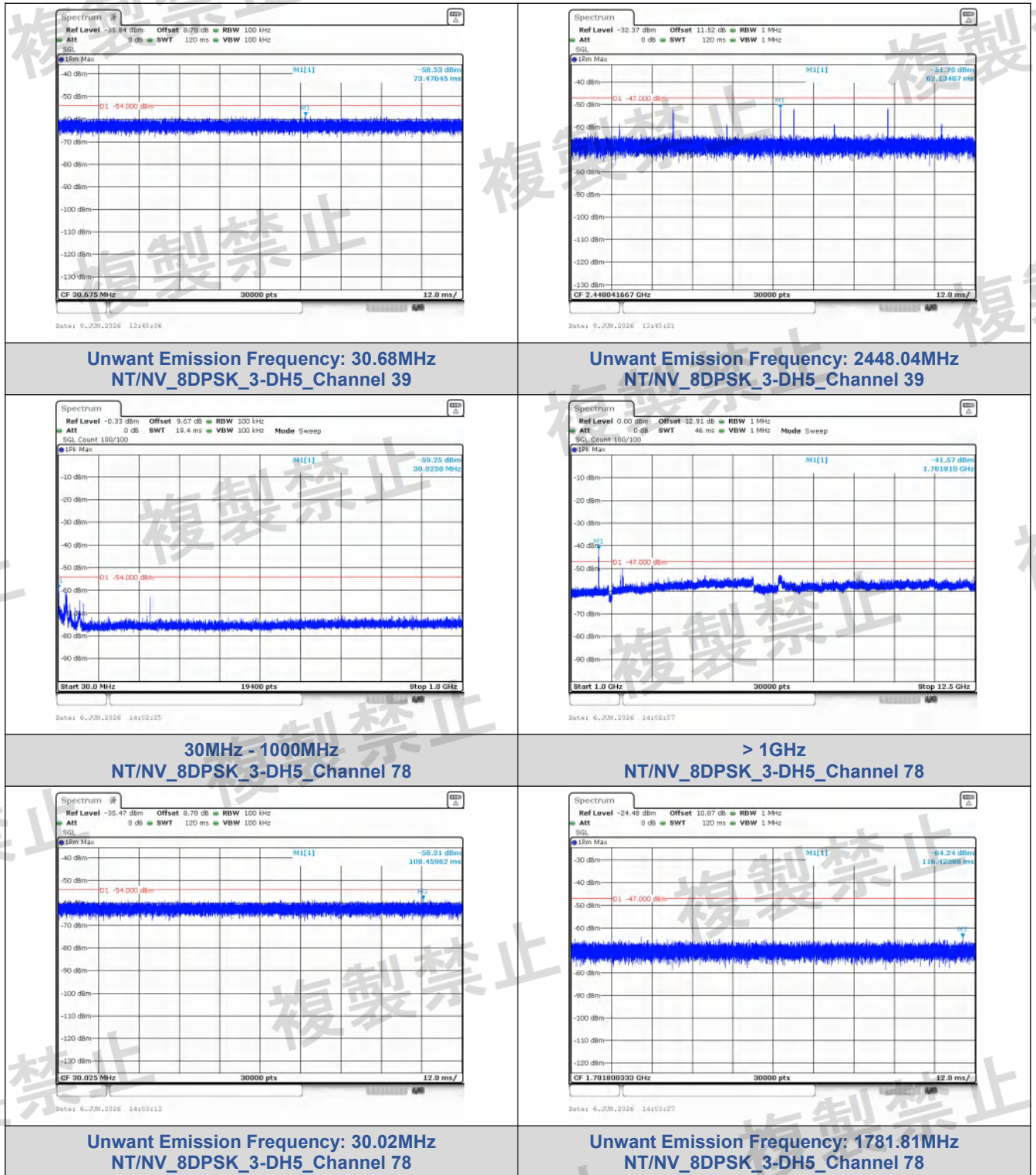












Right:

Normal mode_GFSK_DH5

Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm)	Limit		Result
					dBm	nW	
NT/NV	0	30 to 1000	50.025	-60.004	-54	≤4	PASS
		1000 to 12500	10598.475	-53.179	-47	≤20	PASS
	39	30 to 1000	704.225	-69.590	-54	≤4	PASS

	78	1000 to 12500	6929.592	-57.110	-47	≤20	PASS
		30 to 1000	30.025	-58.230	-54	≤4	PASS
		1000 to 12500	2404.342	-62.920	-47	≤20	PASS

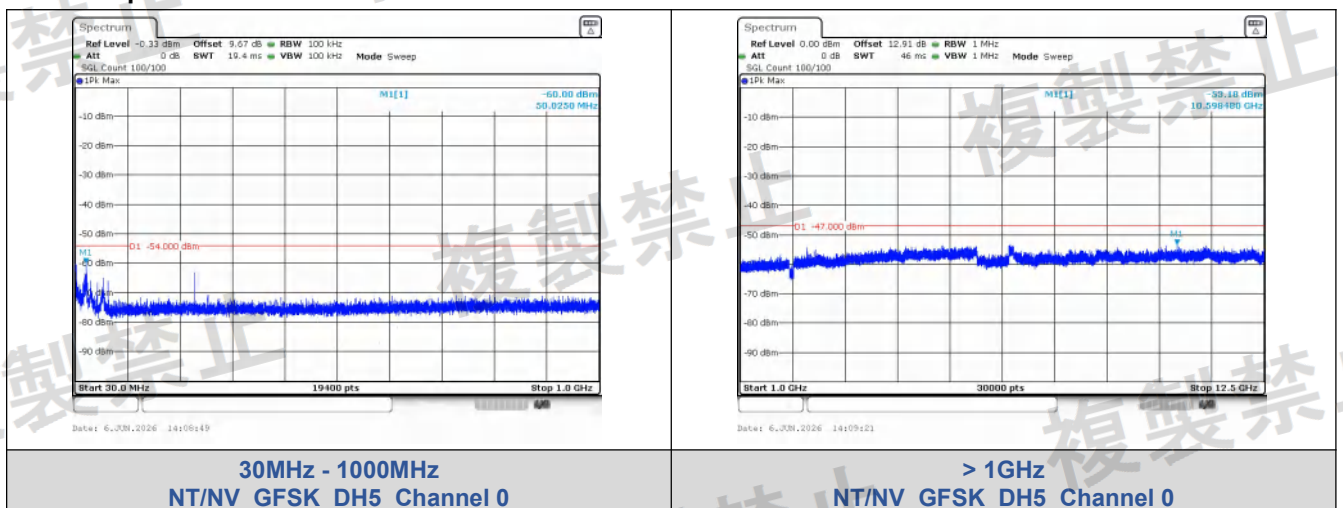
Normal mode_π/4DQPSK_2-DH5

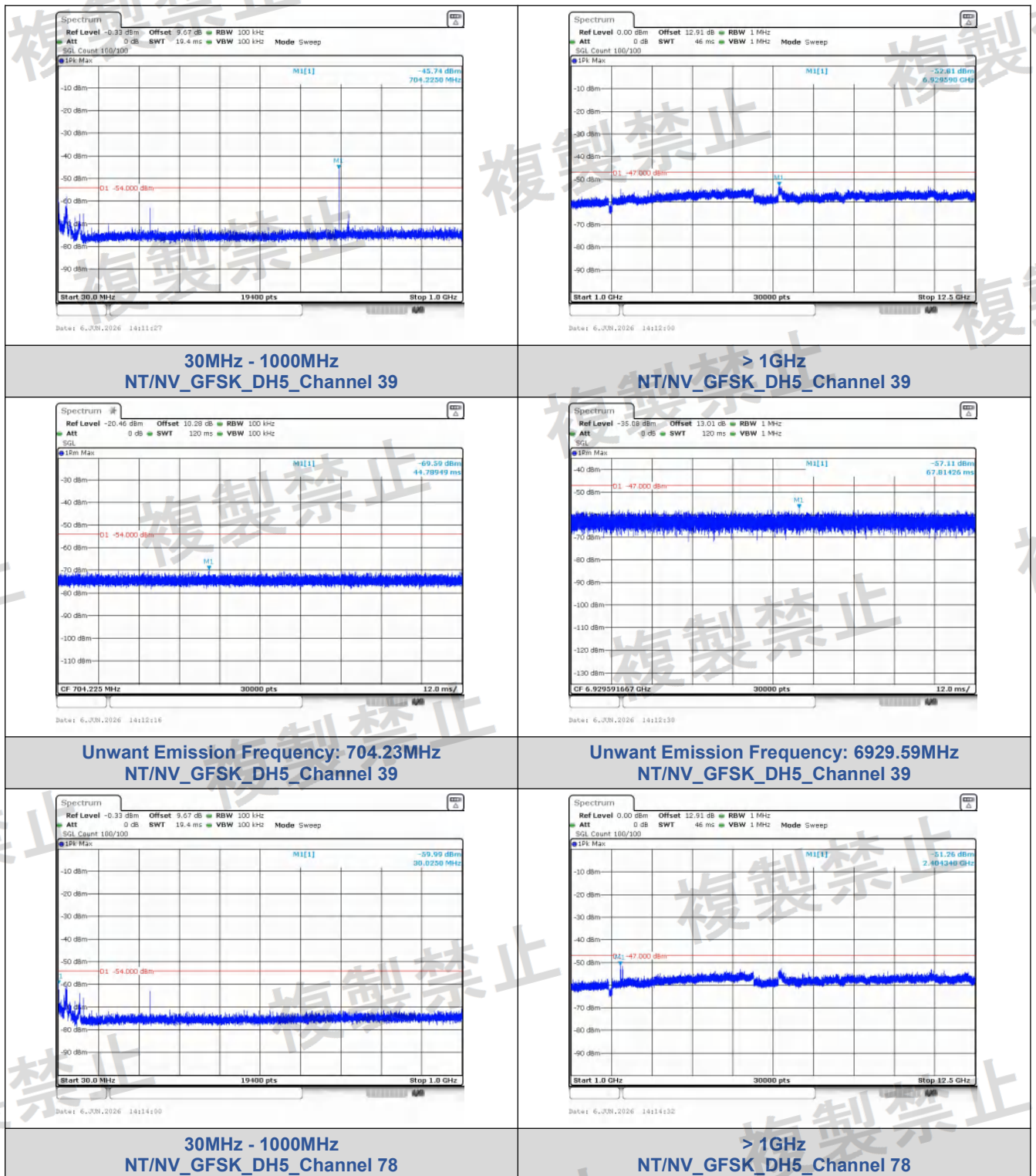
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm)	Limit		Result
					dBm	nW	
NT/NV	0	30 to 1000	50.025	-58.580	-54	≤4	PASS
		1000 to 12500	2447.658	-52.160	-47	≤20	PASS
	39	30 to 1000	30.025	-60.199	-54	≤4	PASS
		1000 to 12500	2448.808	-54.540	-47	≤20	PASS
	78	30 to 1000	730.725	-77.460	-54	≤4	PASS
		1000 to 12500	2461.075	-60.610	-47	≤20	PASS

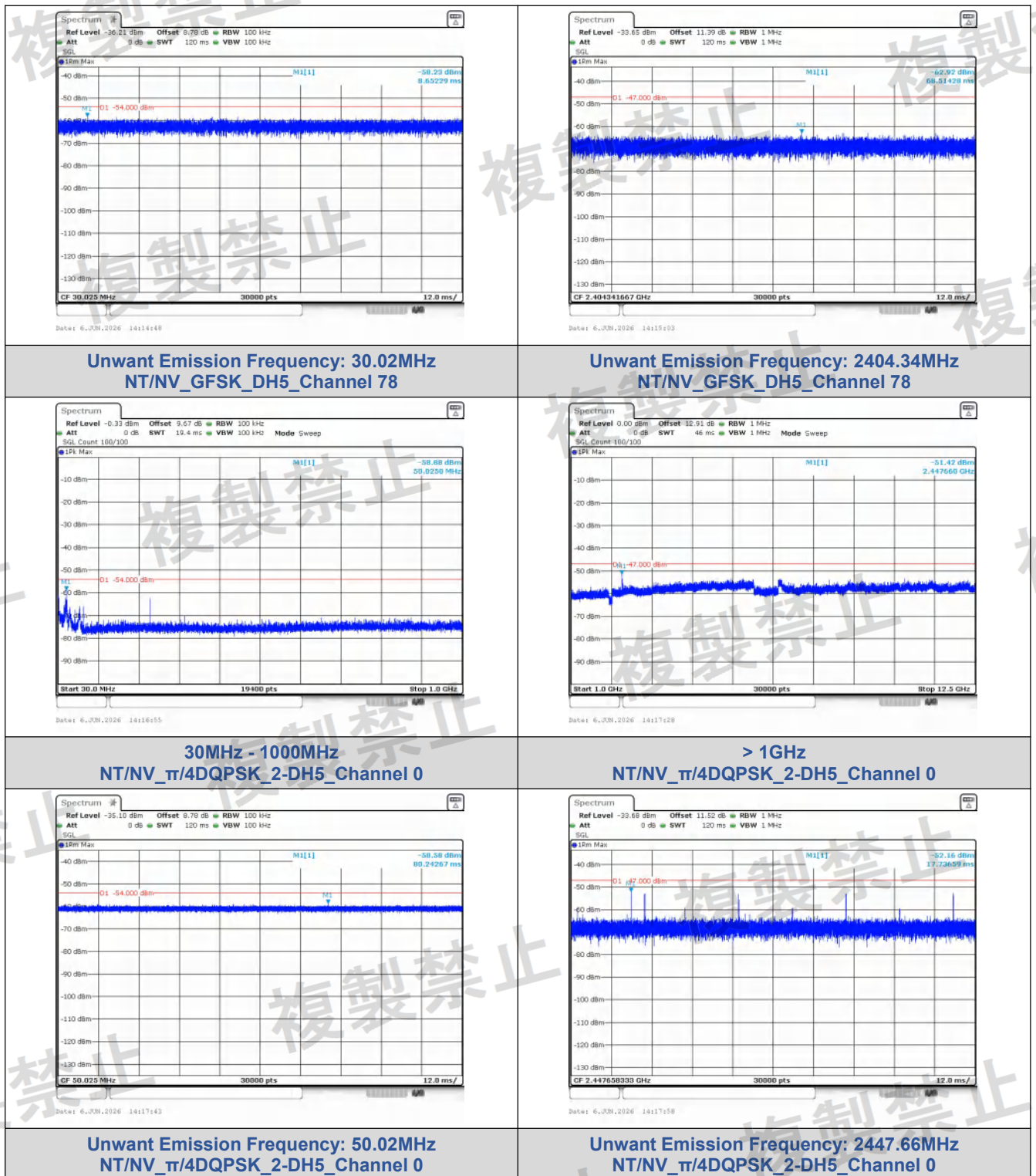
Normal mode_8DPSK_3-DH5

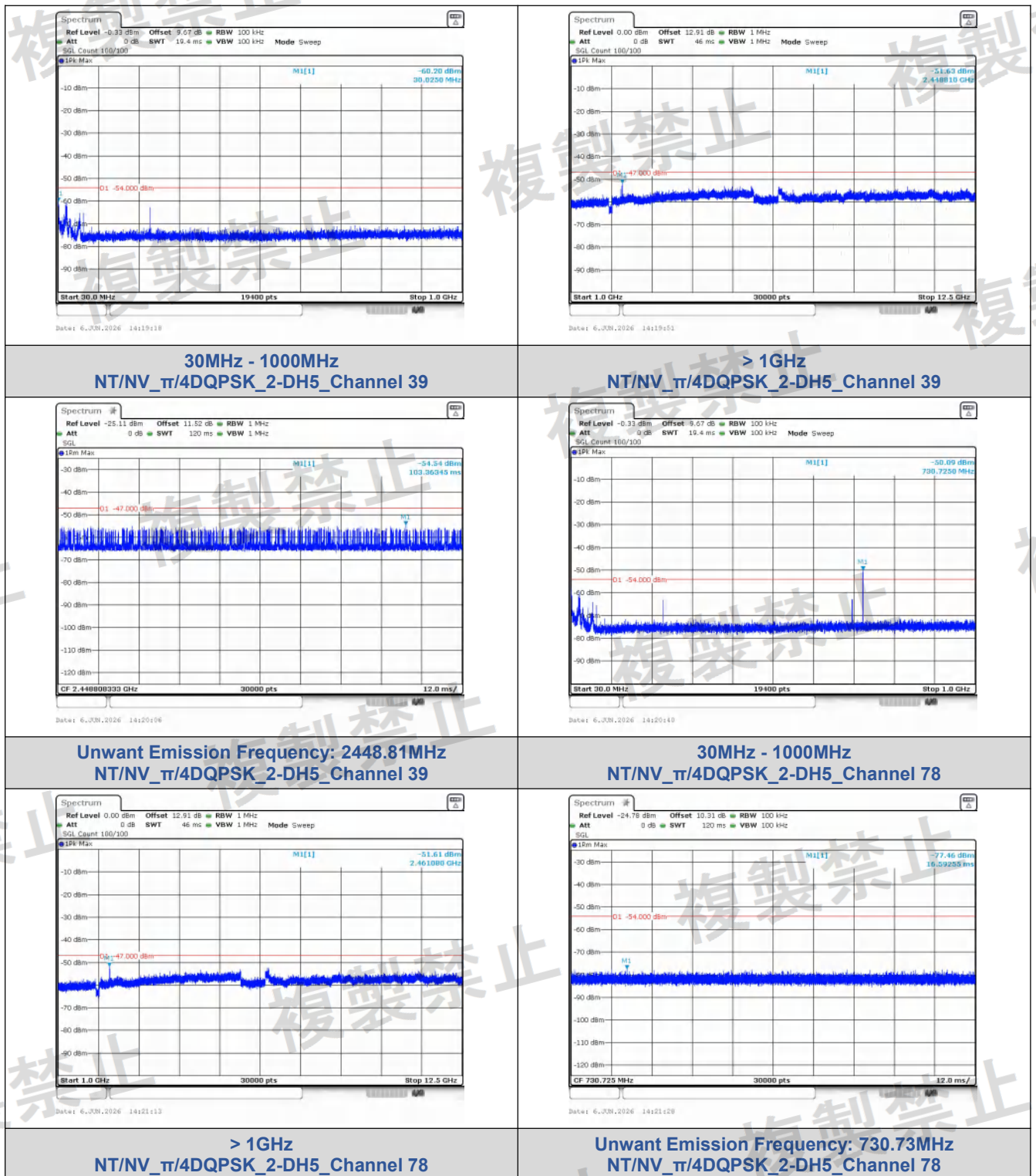
Condition	Channel	Frequency Range (MHz)	Peak (MHz)	Measured Value (dBm)	Limit		Result
					dBm	nW	
NT/NV	0	30 to 1000	30.625	-58.750	-54	≤4	PASS
		1000 to 12500	2448.042	-51.540	-47	≤20	PASS
	39	30 to 1000	30.575	-60.010	-54	≤4	PASS
		1000 to 12500	2403.575	-53.840	-47	≤20	PASS
	78	30 to 1000	50.025	-60.116	-54	≤4	PASS
		1000 to 12500	2415.075	-47.910	-47	≤20	PASS

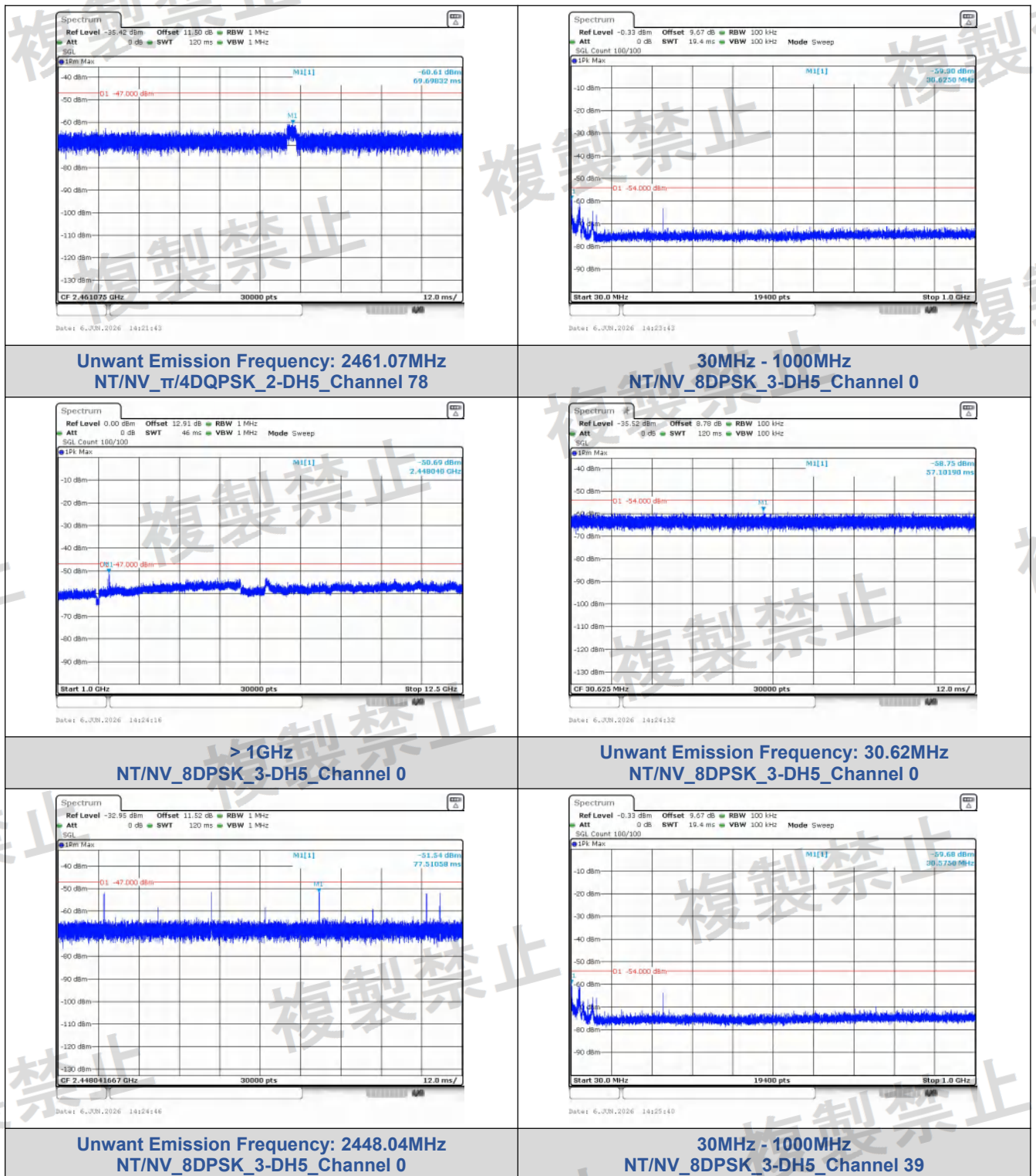
Test Graphs

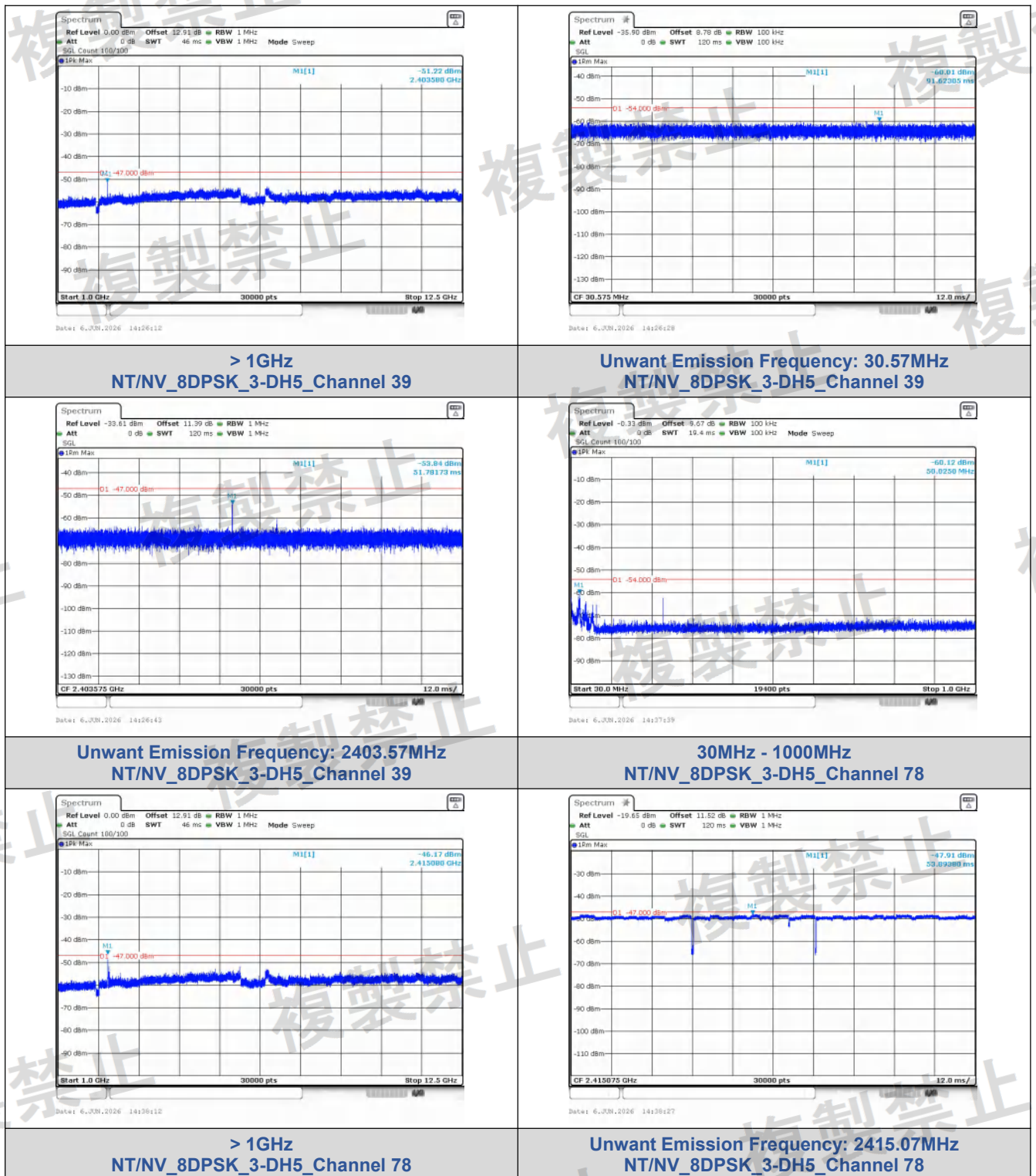












-----End of the report-----