



Test Report

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Application No.: DNT2607315794R11788-15363
Applicant: Nakabayashi Co., Ltd.
Address of Applicant: 6F, 2-5-1, Higashi-Sakashita, Itabashi-Ku, Tokyo, 174-0042, Japan
EUT Description: Wireless Mouse
Model No.: MUS-RKF235
Additional Model(s): MUS-RKF235BK, MUS-RKF235BL, MUS-RKF235GY, MUS-RKF235MT, MUS-RKF235P, MUS-RKF235W
Trade Mark: N/A
Standards: Item 19 of Article 2 Paragraph 1
MIC Notice No.88 Appendix No.43
Date of Receipt: 2026/07/31
Date of Test: 2026/08/01 to 2026/08/17
Date of Issue: 2026/09/02
Test Result: PASS *

Prepared By: Cathy Lin (Testing Engineer)

Reviewed By: Wayne Lin (Project Engineer)

Approved By: Heise Shen (Manager)



Note: If there is any objection to the results in this report, please submit a written inquiry to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp, and is issued by the company in accordance with the requirements of the "Conditions of Issuance of Test Reports" printed in the attached page. Unless otherwise stated, the results presented in this report only apply to the samples tested this time. Partial reproduction of this report is not allowed unless approved by the company in writing.

Guangdong DN Testing Co., Ltd.

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Date: September 2, 2026

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Sep 2, 2026	Valid	Original Report



1 Test Summary

Test	Test Method	Limit/Severity		Result
Antenna Requirement	MIC Notice No.88 Appendix No.43	Notice 88 Appendix 43, B-1 (1) & (2)		PASS
Test frequency	MIC Notice No.88 Appendix No.43	Notice 88 Appendix 43, A-3		PASS
Frequency Error	MIC Notice No.88 Appendix No.43	$\leq \pm 50$ ppm		PASS
Occupied Bandwidth	MIC Notice No.88 Appendix No.43	FH, FH+DS, FH+OFDM:	≤ 83.5 MHz	PASS
		OFDM: 20MHz systems	≤ 26 MHz	
		OFDM: 40MHz systems	> 26 MHz & ≤ 40 MHz	
		Other:	≤ 26 MHz	
Spread Bandwidth	MIC Notice No.88 Appendix No.43	≥ 500 kHz (Only Spread Spectrum)		PASS
Antenna Power and Tolerance	MIC Notice No.88 Appendix No.43	FH, FH+DS, FH+OFDM:		PASS
		a. 2427 ~ 2470.75MHz	≤ 3 mW/MHz	
		b. Others	≤ 10 mW	
		Tolerance:	+20%	
Spurious Emission of TX	MIC Notice No.88 Appendix No.43	< 2387 MHz	≤ 2.5 μ W/MHz	PASS
		2387 ~ 2400 MHz	≤ 25 μ W/MHz	
		2483.5 ~ 2496.5 MHz	≤ 25 μ W/MHz	
		> 2496.5 MHz	≤ 2.5 μ W/MHz	
Interference prevention capability	MIC Notice No.88 Appendix No.43	Notice 88 Appendix 43, 44, 45		PASS
Spurious Emission of Rx	MIC Notice No.88 Appendix No.43	(1) Below 1 GHz: ≤ 4 nW (2) Above 1 GHz: ≤ 20 nW		PASS

Remark:

EUT: In this whole report EUT means Equipment Under Test.

: In this whole report (or) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radio Frequency.

Item 19 of Article 2 Paragraph 1



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2 General Information

2.1 General Description of E.U.T.

Manufacturer:	WUHU DELUX MOBILE INTERNET DEVICE CO.,Ltd		
Address of Manufacture:	Wuhu Machinery Industrial Park, Wuhu City, Anhui, China		
Product Name:	Wireless Mouse		
Model No.:	MUS-RKF235		
Additional Model:	MUS-RKF235BK, MUS-RKF235BL, MUS-RKF235GY, MUS-RKF235MT, MUS-RKF235P, MUS-RKF235W		
Trade Mark:	N/A		
Hardware Version:	V1.0		
Software Version:	V1.0		
Operating Frequency:	2403.65MHz to 2479.65MHz		
Declared Antenna Power:	2mW		
Type of Modulation:	GFSK		
Number of Channels:	16 Channels		
Antenna Type:	☐ External, ☒ Integrated		
Antenna Gain*:	☒ Provided by client		
	2.28dBi		
RF Cable*:	☒ Provided by client		
	0.5dB(0.6~1GHz)	0.8dB(1.4~2GHz)	1.0dB(2.1~2.7GHz)
	1.5dB(3~4GHz)	1.8dB(4.4~6GHz)	
power supply:	Input:DC 5V;DC 3.7V from rechargeable lithium-ion battery		
Note: *Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information , DNT is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.			



2.2 Description of Support Units

The EUT has been tested independently.

2.3 Test Location

Company:	Guangdong DN Testing Co., Ltd
Address:	No. 1, West Fourth Street, South Xinfu Road, Wusha Liwu, Chang'an Town, Dongguan City, Guangdong P.R.China
Test engineer:	Gali Lin

Remark: Our test report is under the quality assurance system according to ISO17025.

- **FCC, USA**

Designation Number: CN1348

- **A2LA (Certificate No. 7050.01)**

GUANGDONG DN TESTING CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 7050.01.

- **Innovation, Science and Economic Development Canada**

GUANGDONG DN TESTING CO., LTD. EMC Laboratory has been recognized by ISED as an accredited testing laboratory. CAB identifier is CN0149.
IC#: 30755.



2.4 Channel List

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2403.65	13	2419.65
2	2426.35	14	2439.65
3	2441.65	15	2453.65
4	2463.65	16	2479.65
5	2407.65		
6	2422.65		
7	2445.65		
8	2466.65		
9	2414.65		
10	2436.65		
11	2459.65		
12	2473.65		

2.5 Test Environment and Mode

Operating Environment:	
Temperature:	20~25.0 °C
Humidity:	45~56 % RH
Atmospheric Pressure:	101.0~101.30 KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.

2.6 Power Setting of Test Software

Software Name	NA		
Frequency(MHz)	2403.65	2441.65	2479.65
Setting	Default	Default	Default

2.7 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Frequency Error	±1.9%
2	Antenna Power	±0.743dB
3	Occupied Bandwidth	±0.0196%
4	Spread Bandwidth	±0.0196%
5	Transmitter Spurious Emission Strength and Unwanted Emission Intensity	30MHz-1GHz:±0.746dB 1GHz-13GHz: ±1.328dB



2.8 Equipment List

For Connect EUT Antenna Terminal Test

Description	Manufacturer	Model	Serial Number	Cal date	Due date	correcting mechanism
Signal Generator	Keysight	N5181A-6G	MY48180415	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
Signal Generator	Keysight	N5182B	MY57300617	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
Power supply	Keysight	E3640A	ZB2022656	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
Radio Communication Tester	R&S	CMW500	105082	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
Spectrum Analyzer	Aglient	N9010A	MY52221458	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
BT/WIFI Test Software	Tonscend	JS1120 V3.1.83	NA	NA	NA	GuangDong DN Testing Co.,Ltd.
RF Control Unit	Tonscend	JS0806-2	22F8060581	NA	NA	GuangDong DN Testing Co.,Ltd.
Power Sensor	Anritsu	ML2495A	2129005	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
Pulse Power Sensor	Anritsu	MA2411B	1911397	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
temperature and humidity box	SCOTEK	SCD-C40-80PRO	6866682020008	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.
Voltmetre	FLUKE	F15B PRO	59755315WS	2025-10-21	2026-10-20	GuangDong DN Testing Co.,Ltd.

Note: Calibration by the calibration agencies listed in the table correspond to paragraph 4 (ii) (c) of Article 24-2 in the Radio Law.

☐ (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act.

☐ (b) Calibration conducted based on the regulations of Article 135 or 144 of the Measurement Act.

☒ (c) Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act.

☐ (d) Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a) through (c) above.



3 Test Results

3.1 Radio Technical Requirements Specification

Table 1: Radio Technical Requirements Specification for 2.4 GHz band wide-band low-power data communication system (Item 19 of Article 2-1)

Items	Technical standard
Assigned frequency or designated frequency	2400-2483.5MHz
Communication method	One-way communication, simplex, semi-duplex, or duplex operation of digital signal transmission including spread spectrum
Tolerance of frequency ($\times 10^{-6}$)	$\leq \pm 50$ ppm
Tolerance of occupied bandwidth	Others: 26MHz or less
Antenna power	Others: ≤ 10 mW Tolerance: +20%
Antenna gain	1) 12.14dBi or less in principle 2) In case of directional antenna (1) FH, FH+DS or FH+OFDM using 2427-2470.75 MHz EIRP ≤ 16.91 dBm/MHz (2) OFDM or DS other than (1) EIRP ≤ 22.14 dBm/MHz (3) Other than (1) and (2): 22.14dBm or less (4) OFDM OBW 26 - 40MHz: 19.14dBm/MHz (5) Half-power angle of directional antenna (e) in case of the item 2): $e \leq 360/A$ (The A is 10 in maximum.)
Tolerance of spurious emission intensity	(< 2387 MHz: 2.5 μ W 2387 to 2400 MHz: 25 μ W 2483.5 through 2496.5 MHz: 25 μ W > 2496.5 MHz: 2.5 μ W
Spreading bandwidth	DS, FH, FH+DS, FH+OFDM: 500kHz or more
Spreading rate of spectrum	For DS system; (Spreading bandwidth) / (Frequency corresponding to transmission rate) ≥ 5
Limit of secondary radiated emissions	(1) Below 1 GHz: 4nW (2) 1 GHz or higher: 20nW
Interference prevention function	Shall have the function of automatic transmission and reception of identification sign.
Structure	Shall be of the structure that the RF and modulator sections excluding antenna cannot easily be opened.
Note	DS: Direct spread FH: Frequency hopping OFDM: Orthogonal frequency division multiplexing



3.2 E.U.T. test conditions

Power Supply:	DC 3.7V(battery)			
	During the input supply voltage to the EUT from the external power source is varied by $\pm 10\%$, the fluctuation of input voltage to the circuit of RF unit of test equipment is exceed $\pm 1\%$. So, all measurement has been conducted by normal and limit voltage.			
	The measurement result of the voltage fluctuation at RF circuit when DC 3.7V +/- 10%.			
	DC Input		input voltage to the circuit	Deviation
	High Voltage	4.07V	3.3V	0.0%
	Normal Voltage	3.7V	3.3V	0.0%
Test Frequencies:	Low Voltage	3.33V	3.4V	2%
	If the EUT can be set to 3 of more different (carrier) frequencies in 1 allocated band, testing shall be performed using the Lowest, Middle and the Highest frequency (L, M and H). If there are 2 or fewer frequencies, testing shall be performed with the available frequencies.			



3.3 Antenna Requirement

Standard requirement

Applicable for equipment with an antenna terminal, including testing terminals) If an antenna connector is available, all relevant tests will be carried out conducted. If not, tests will be carried out in an anechoic room or with a suitable test-fixture.

The antenna is integrated antenna on the main PCB and no consideration of replacement. The best case gain of the antenna is 2.28dBi.

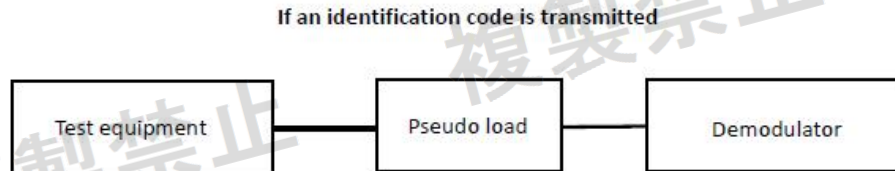
Result: An antenna connector is available, all relevant tests will be carried out conducted.



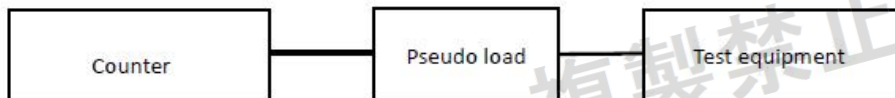
3.4 Interference prevention function

1) Measurement system diagram

(a) When transmitting identification code



An identification code is received



2) Condition of measuring instrument

(b) Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.

3) Condition of test equipment The mode of normal use.

4) Measuring operation procedure

(a) When test equipment has the function to transmit identification code automatically:

A) Transmit the predetermined identification code from test equipment.

B) Confirm the transmitted identification code by demodulator.

FA:A8:9A:41:95:C3

5) Test result: The unit does meet the requirements (Good).

PASS



3.5 RF accessibility

Standard requirement

Article 49-20, paragraph 1 (a)

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.

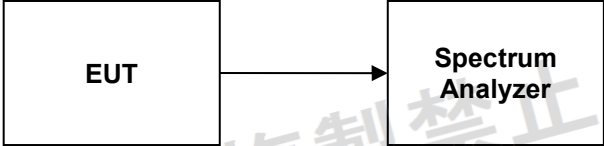
Test Result

RF and Modulation parts are mounted on PCB with surface mount technology





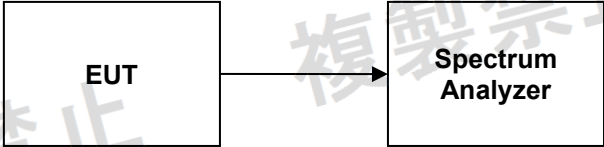
3.6 Frequency Error

Limit:	Tolerance of frequency: $\pm 50 \times 10^{-6}$
Text Method:	MIC Notice No.88 Appendix No.43
Test Status:	Test the EUT in transmitting mode without modulation.
Temperature:	23.5 °C
Humidity:	47.1 % RH
Atmospheric Pressure:	101.0kPa -101.3 kPa
Test Configuration:	 <pre>graph LR; EUT[EUT] --> SA[Spectrum Analyzer]</pre>
Test Procedure:	<ol style="list-style-type: none">1. Test Conditions: Spectrum Analyzer is used for measurement.2. EUT conditions: Modulation/Spread/Hopping OFF, CW3. Spectrum Analyzer conditions: Frequency: Test Frequency Span 1MHz RBW 10 kHz (Modulation OFF), VBW 10 kHz (Modulation OFF), Sweep Time Auto Detector mode Positive peak Indication mode Max hold

Test Result See: Appendix A



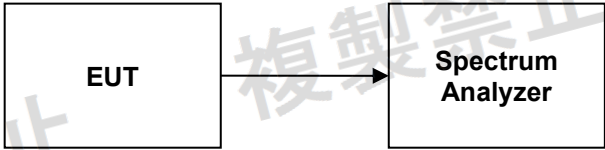
3.7 Occupied Bandwidth (99%)

Limit:	26 MHz or less
Text Method:	MIC Notice No.88 Appendix No.43
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Temperature:	23.5 °C
Humidity:	48.2 % RH
Atmospheric Pressure:	101.0kPa -101.3 kPa
Test Configuration:	 <pre>graph LR; EUT[EUT] --> SA[Spectrum Analyzer]</pre>
Test Procedure:	<ol style="list-style-type: none">1. Test Conditions: Spectrum Analyzer is used for measurement.2. EUT conditions: Modulation/Spread/Hopping ON For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.3. Spectrum Analyzer conditions: Frequency: Test Frequency Span 4 MHz RBW 300 KHz VBW 300 KHz Sweep Time Auto detector mode Sample Indication mode Max hold OBW 99%

Test Result See: Appendix B



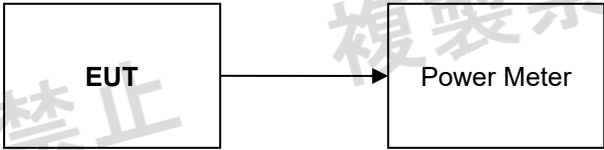
3.8 Spread Bandwidth(90%)

Limit:	DS,FH, FH+DS,FH+OFDM: $\geq 500\text{KHz}$
Text Method:	MIC Notice No.88 Appendix No.43
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Temperature:	23.5 °C
Humidity:	48.2 % RH
Atmospheric Pressure:	101.0kPa -101.3 kPa
Test Configuration:	 <pre>graph LR; EUT[EUT] --> SA[Spectrum Analyzer]</pre>
Test Procedure:	<ol style="list-style-type: none">4. Test Conditions: Spectrum Analyzer is used for measurement.5. EUT conditions: Modulation/Spread/Hopping ON For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.6. Spectrum Analyzer conditions: Frequency: Test Frequency Span 4 MHz RBW 300 KHz VBW 300 KHz Sweep Time Auto detector mode Sample Indication mode Max hold OBW 90%

Test Result See: Appendix C



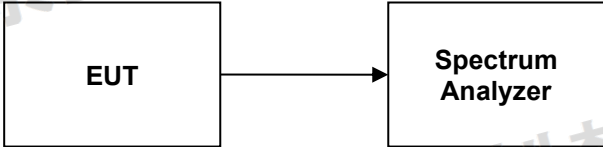
3.9 Antenna Power

Limit:	10mW or less
Text Method:	MIC Notice No.88 Appendix No.43
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Temperature:	23.5 °C
Humidity:	50 % RH
Atmospheric Pressure:	101.0kPa -101.3 kPa
Test Configuration:	 <pre>graph LR; EUT[EUT] --> PM[Power Meter]</pre>
Test Procedure:	<ol style="list-style-type: none">1. Test Conditions: Power meter is used for measurement.2. EUT conditions: Modulation/Spread/Hopping ON, Modulation For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.

Test Result See: Appendix D



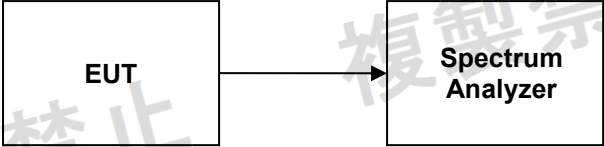
3.10 Spurious Emissions of TX

Limit:	<table><tr><td>< 2387MHz</td><td>$\leq 2.5\mu\text{W}/\text{MHz}$</td></tr><tr><td>2387 ~ 2400MHz</td><td>$\leq 25\mu\text{W}/\text{MHz}$</td></tr><tr><td>2483.5 ~ 2496.5MHz</td><td>$\leq 25\mu\text{W}/\text{MHz}$</td></tr><tr><td>>2496.5MHz</td><td>$\leq 2.5\mu\text{W}/\text{MHz}$</td></tr></table>	< 2387MHz	$\leq 2.5\mu\text{W}/\text{MHz}$	2387 ~ 2400MHz	$\leq 25\mu\text{W}/\text{MHz}$	2483.5 ~ 2496.5MHz	$\leq 25\mu\text{W}/\text{MHz}$	>2496.5MHz	$\leq 2.5\mu\text{W}/\text{MHz}$
< 2387MHz	$\leq 2.5\mu\text{W}/\text{MHz}$								
2387 ~ 2400MHz	$\leq 25\mu\text{W}/\text{MHz}$								
2483.5 ~ 2496.5MHz	$\leq 25\mu\text{W}/\text{MHz}$								
>2496.5MHz	$\leq 2.5\mu\text{W}/\text{MHz}$								
Text Method:	MIC Notice No.88 Appendix No.43								
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.								
Temperature:	23.5°C								
Humidity:	51 % RH								
Atmospheric Pressure:	101.0kPa -101.3 kPa								
Test Configuration:	 <pre>graph LR; EUT[EUT] --> SA[Spectrum Analyzer]</pre>								
Test Procedure:	<ol style="list-style-type: none">Test Conditions: Spectrum Analyzer is used for measurement.EUT conditions: Modulation/Spread/Hopping ON For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal.Spectrum Analyzer conditions: Step 1: All spurious are measured from 30 MHz to 13 GHz by peak mode. Step 2: IF the value measured by Step1 is 2 dB or less, measure in average mode. Test setup for Step 1: Frequency: 30MHz~2400MHz, 2483.5MHz~13GHz RBW 1 MHz VBW 1 MHz Sweep Time Auto detector mode Positive peak Indication mode Max hold Test setup for Step 2: Frequency: Spurious Frequency RBW 1 MHz VBW 1 MHz Sweep Time Auto detector mode Sample Indication mode Max hold								

Test Result See: Appendix E



3.11 Spurious Emissions of Rx

Text Method:	MIC Notice No.88 Appendix No.43
Limit:	(1) Below 1 GHz: ≤ 4 nW (2) Above 1 GHz: ≤ 20 nW
Test Status:	Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.
Temperature:	23.5 °C
Humidity:	56 % RH
Atmospheric Pressure:	101.0kPa -101.3 kPa
Test Configuration:	 <pre>graph LR; EUT[EUT] --> SA[Spectrum Analyzer]</pre>
Test Procedure:	<ol style="list-style-type: none">1. Test Conditions: Spectrum Analyzer is used for measurement.2. EUT conditions: Modulation/Spread/Hopping ON For equipment using diffusion code, set to the test diffusion code and modulate with standard coding test signal3. Spectrum Analyzer conditions: Step 1: All spurious are measured from 30 MHz to 13 GHz by peak mode. Step 2: IF the value measured by Step1 is 2 dB or less, measure in average mode. Test setup for Step 1: Frequency: 30 MHz – 1GHz , 1GHz –12.5 GHz RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz) VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz) Sweep Time Auto detector mode Positive peak Indication mode Max hold Test setup for Step 2: Frequency: Spurious Frequency Span 0 Hz RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz) VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz) Sweep Time Auto detector mode Sample Indication mode Max hold

Test Result See: Appendix F



4 Appendix

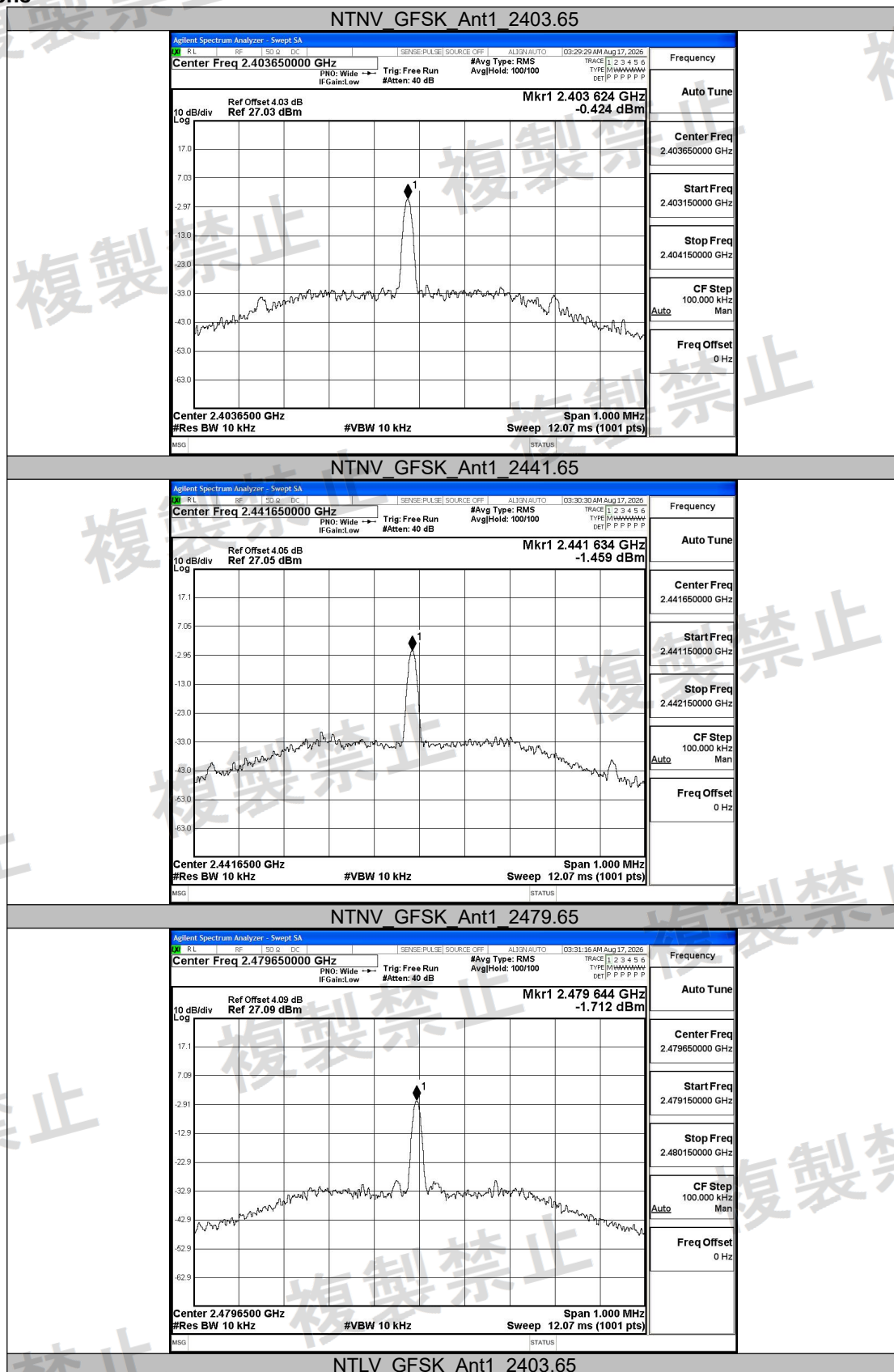
Appendix A: Frequency Error

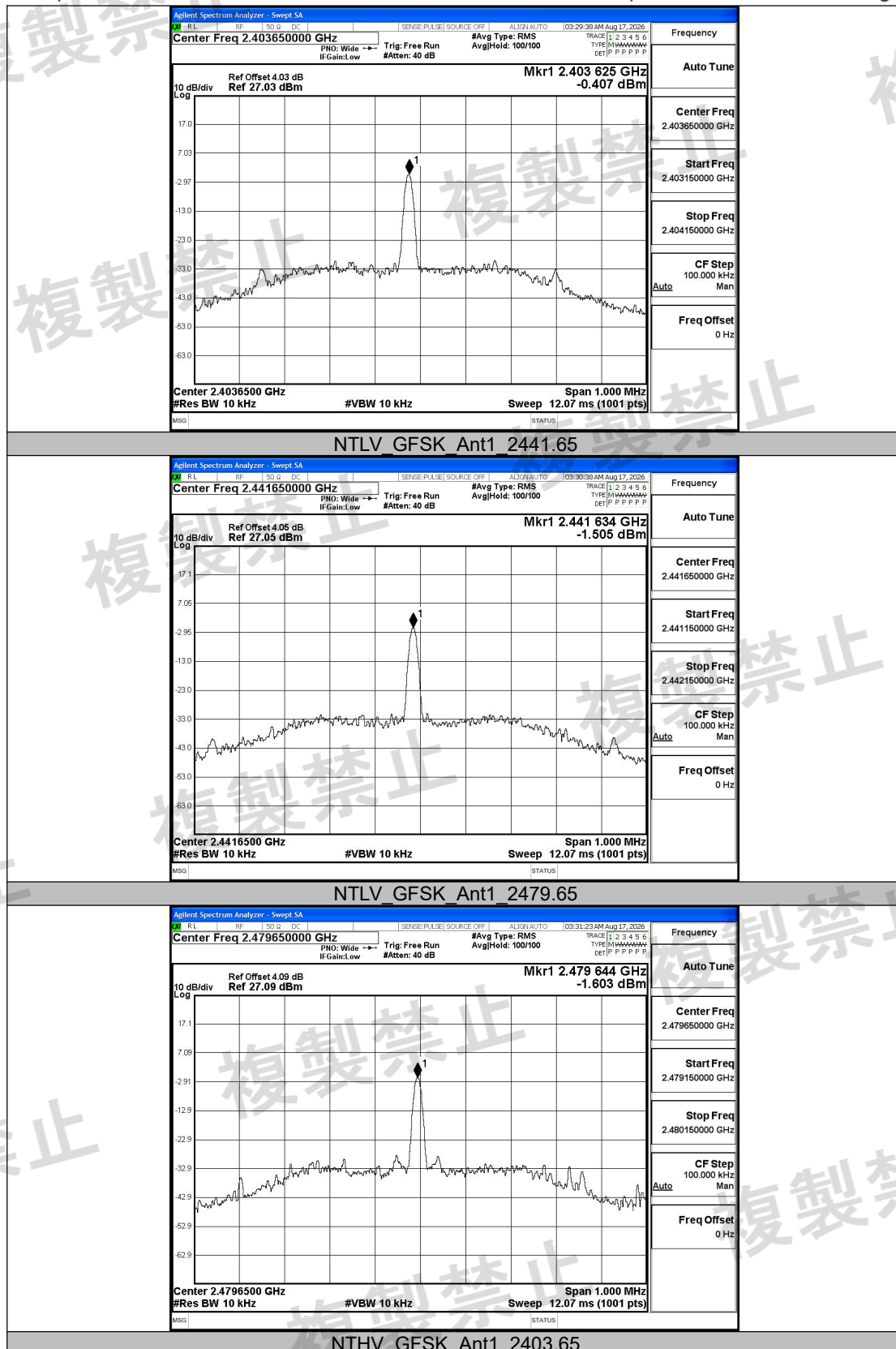
Test Result

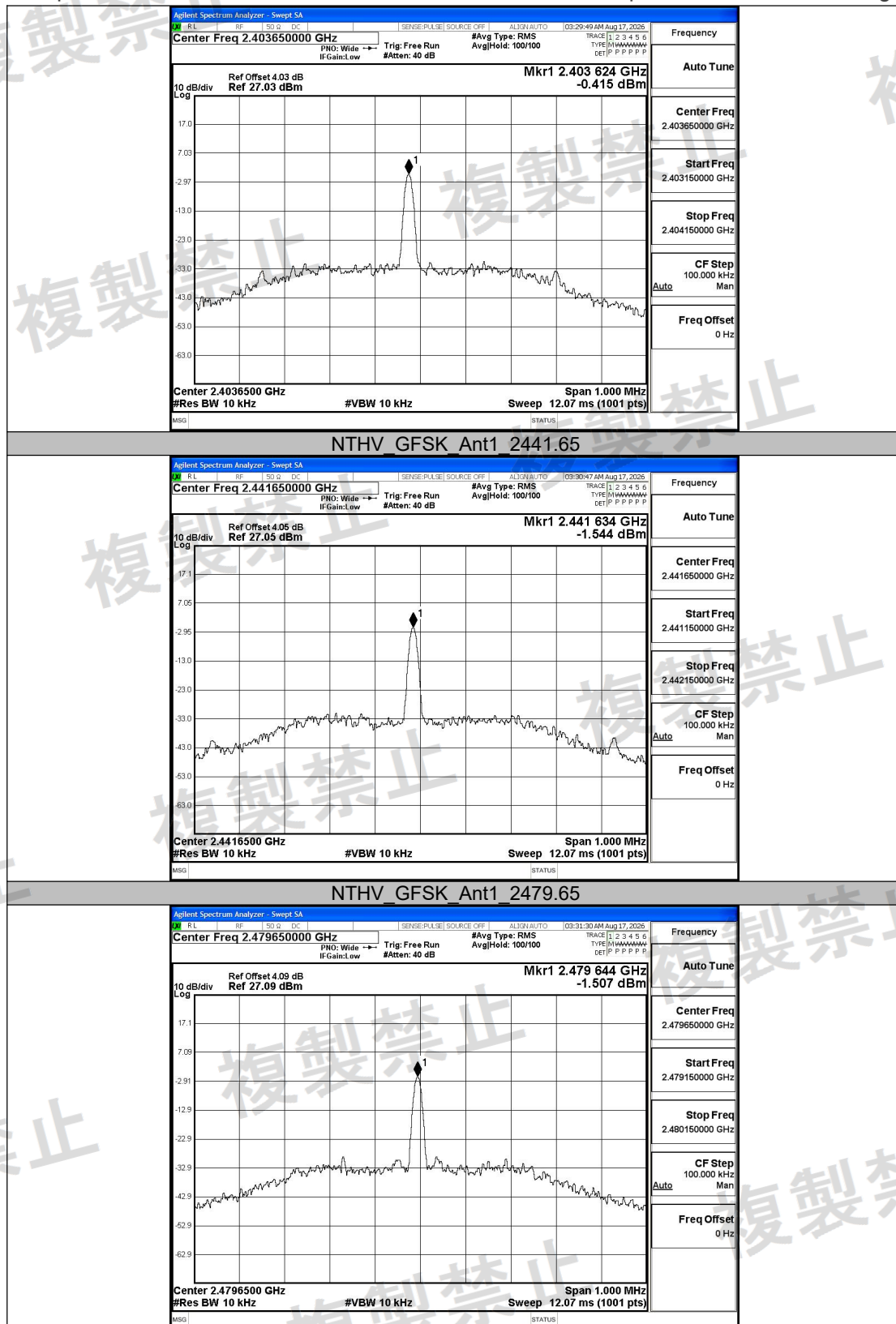
TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	GFSK	Ant1	2403.65	-10.81688	±50	PASS
			2441.65	-6.55295	±50	PASS
			2479.65	-2.41970	±50	PASS
NTLV	GFSK	Ant1	2403.65	-10.40085	±50	PASS
			2441.65	-6.55295	±50	PASS
			2479.65	-2.41970	±50	PASS
NTHV	GFSK	Ant1	2403.65	-10.81688	±50	PASS
			2441.65	-6.55295	±50	PASS
			2479.65	-2.41970	±50	PASS



Test Graphs





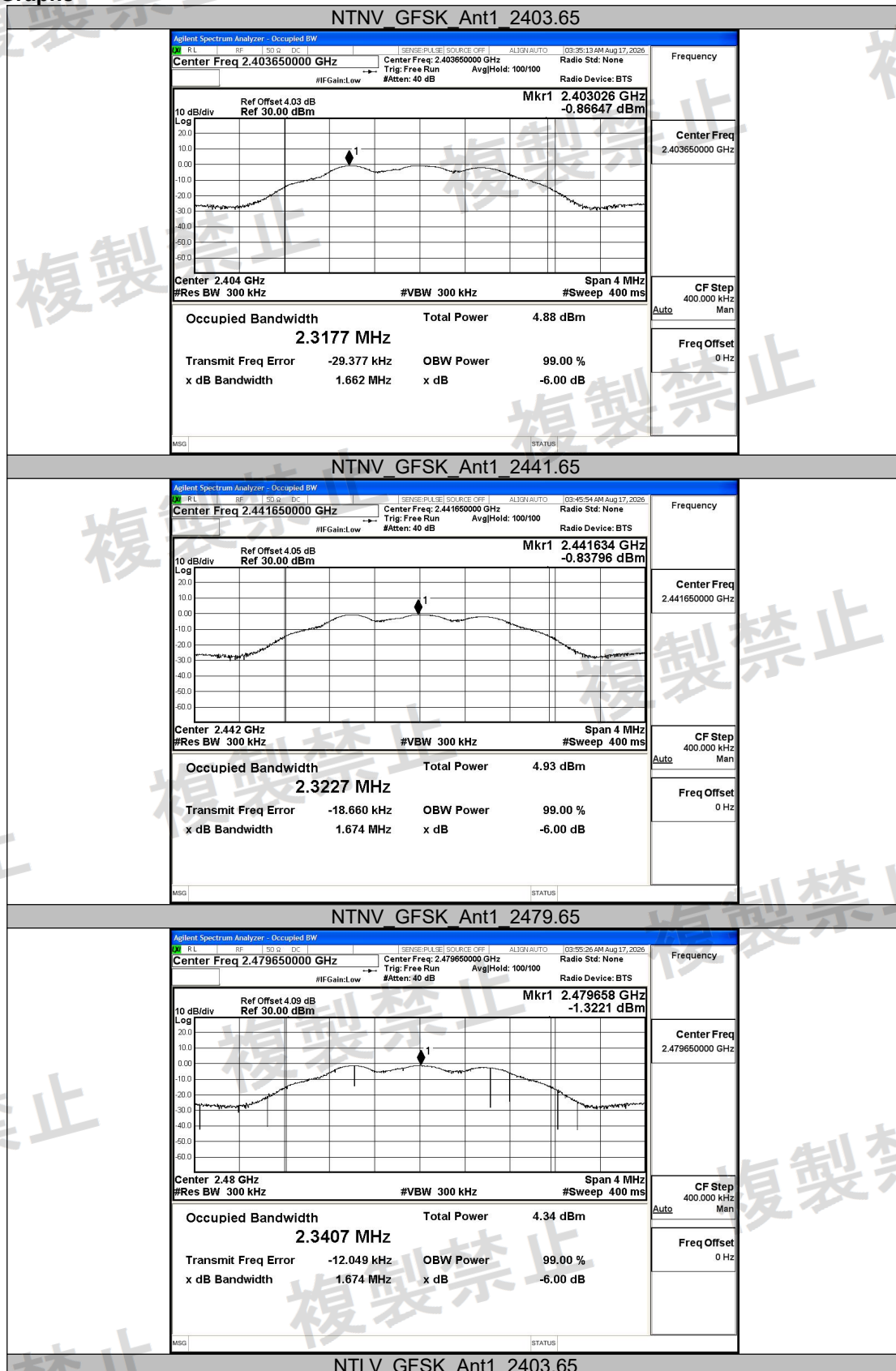


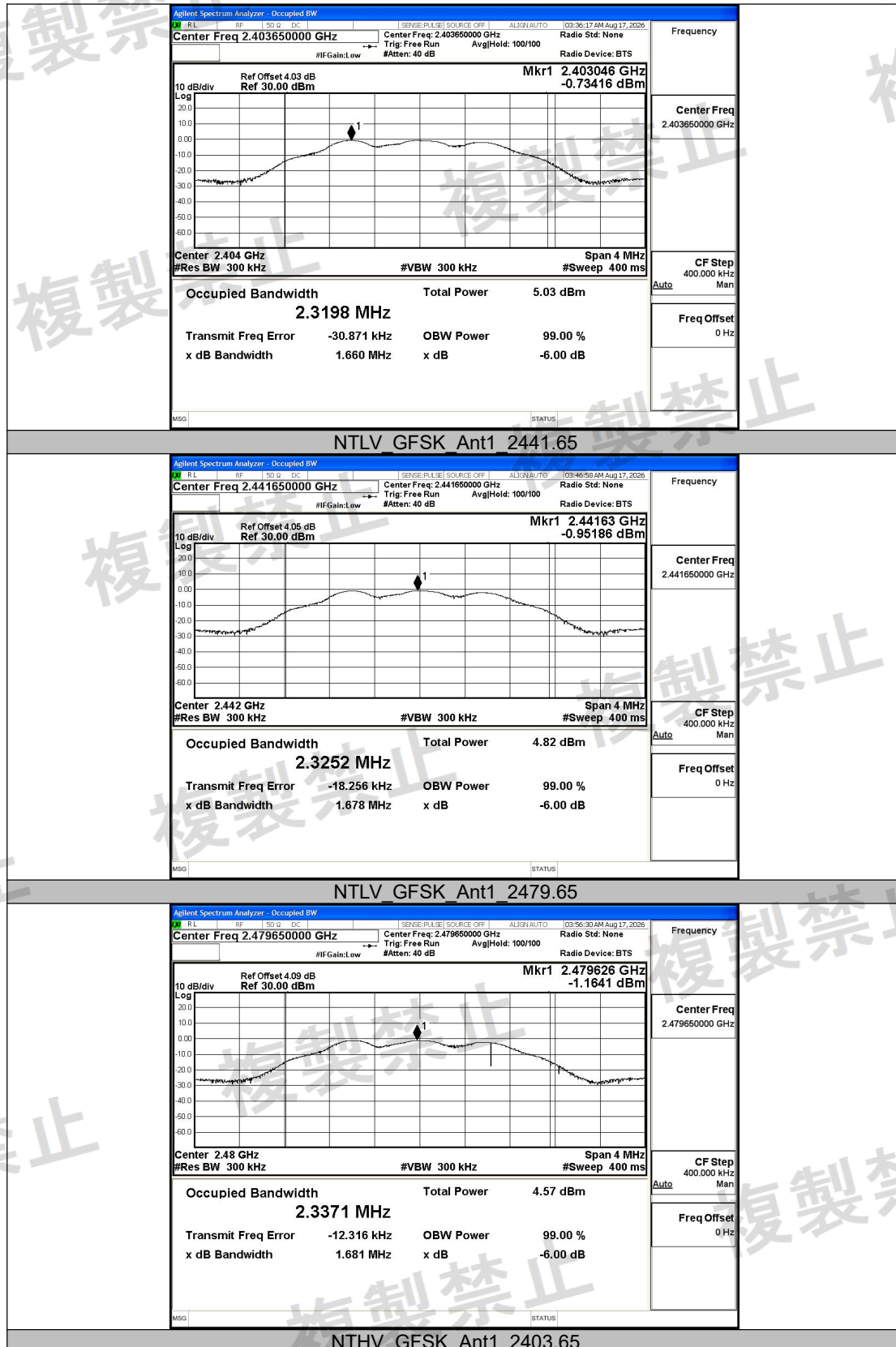
**Appendix B: Occupied Bandwidth****Test Result**

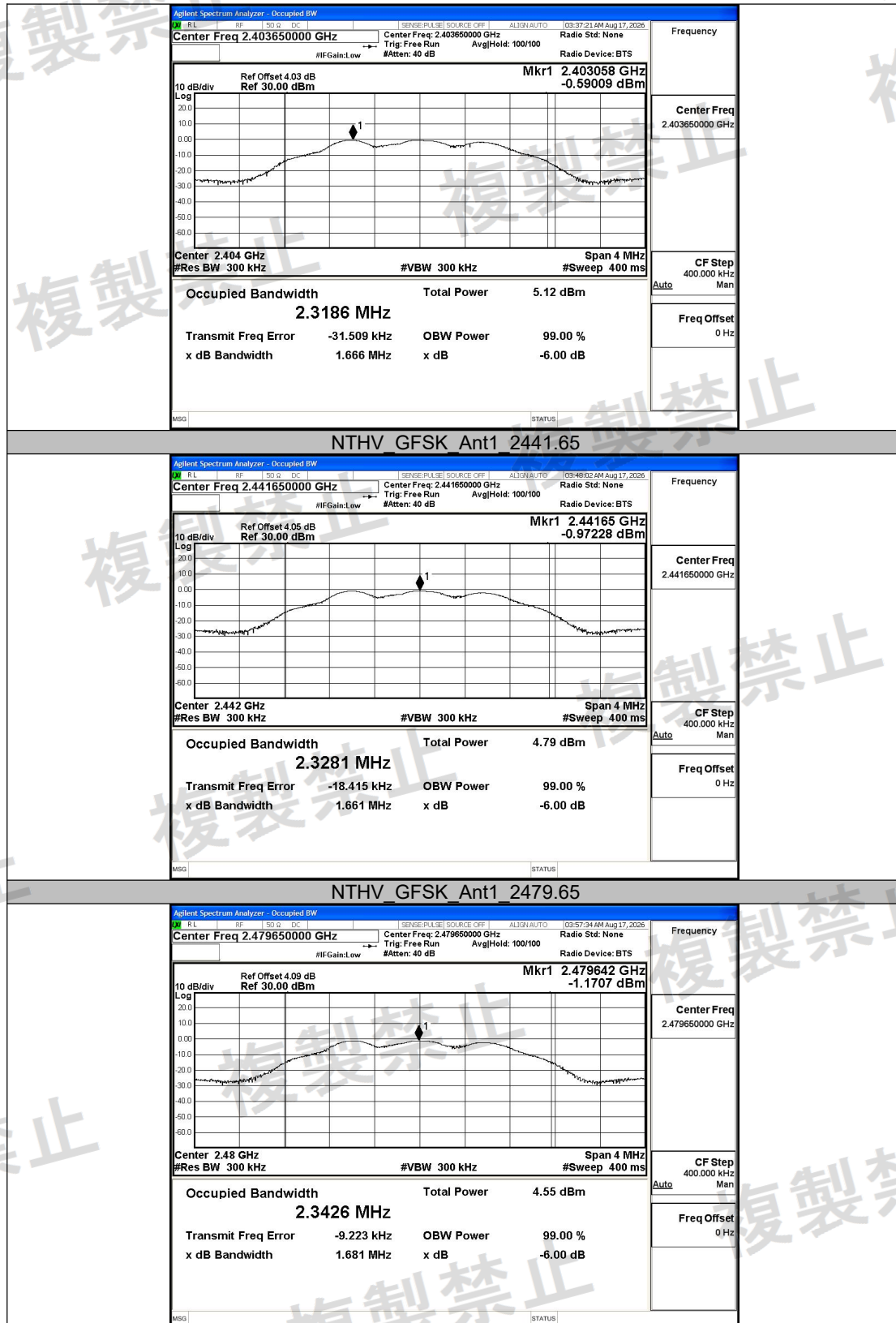
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	GFSK	Ant1	2403.65	2.318	≤26	PASS
			2441.65	2.323	≤26	PASS
			2479.65	2.341	≤26	PASS
NTLV	GFSK	Ant1	2403.65	2.320	≤26	PASS
			2441.65	2.325	≤26	PASS
			2479.65	2.337	≤26	PASS
NTHV	GFSK	Ant1	2403.65	2.319	≤26	PASS
			2441.65	2.328	≤26	PASS
			2479.65	2.343	≤26	PASS



Test Graphs





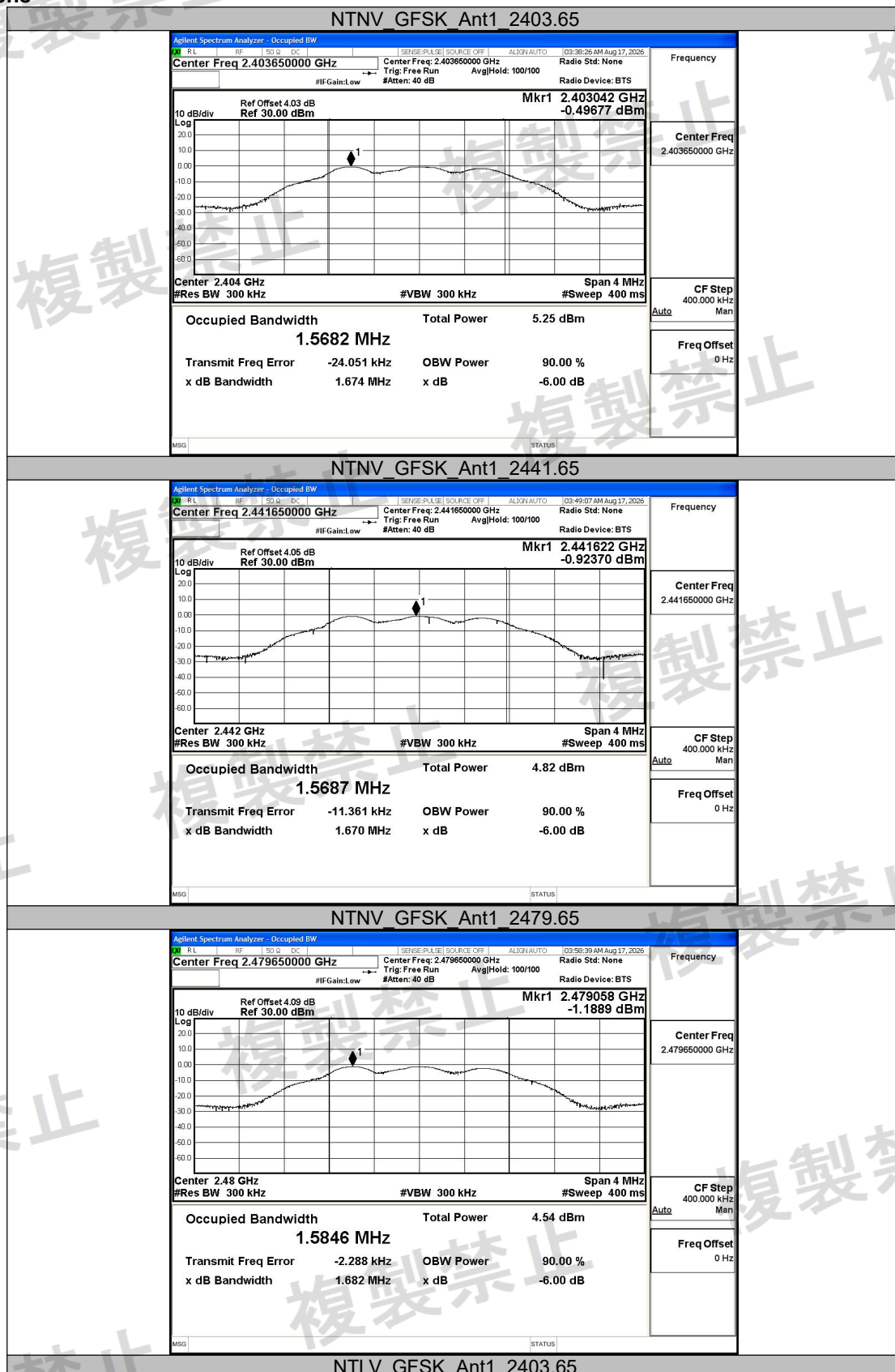


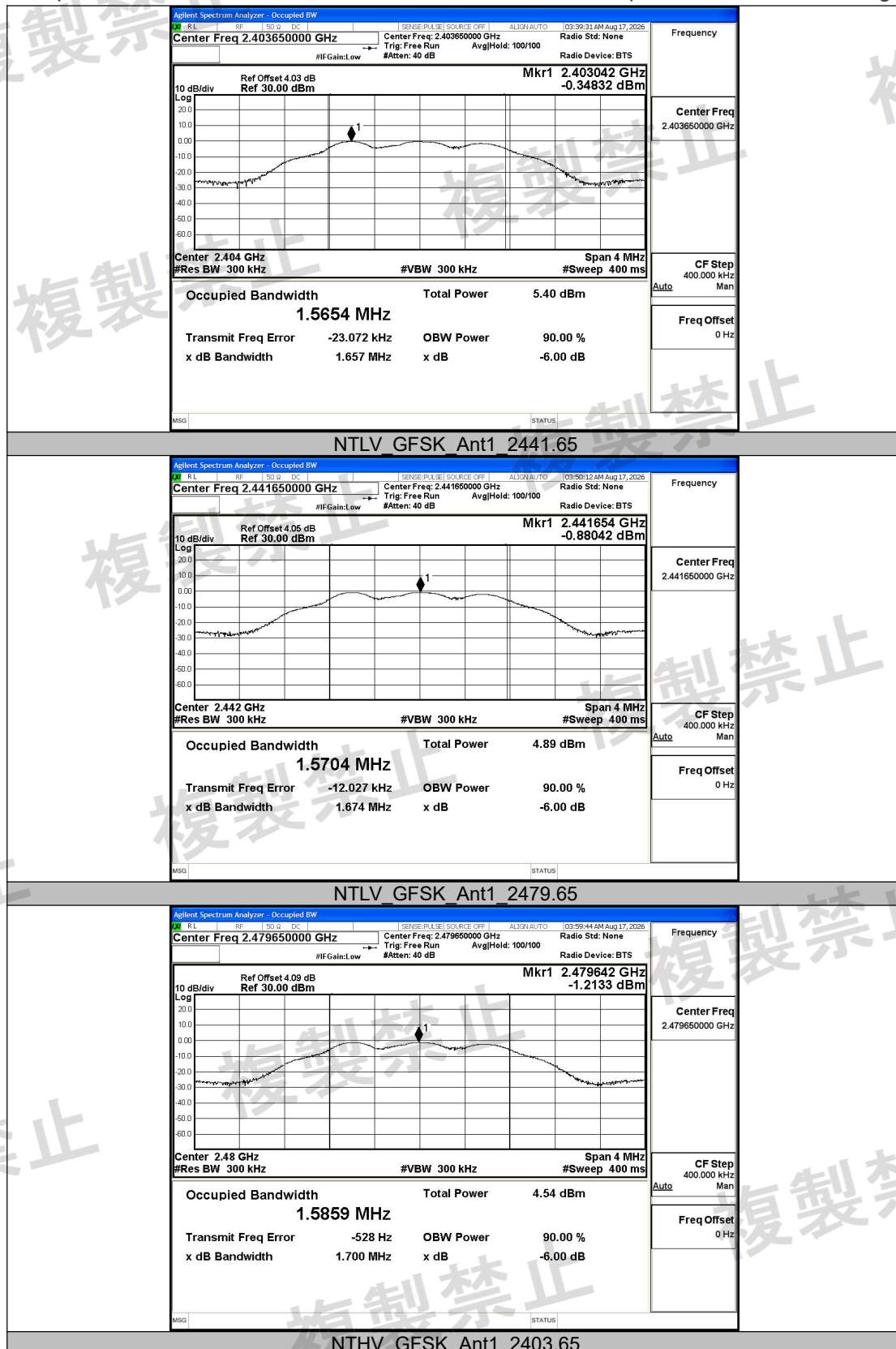
**Appendix C: Spread Bandwidth****Test Result**

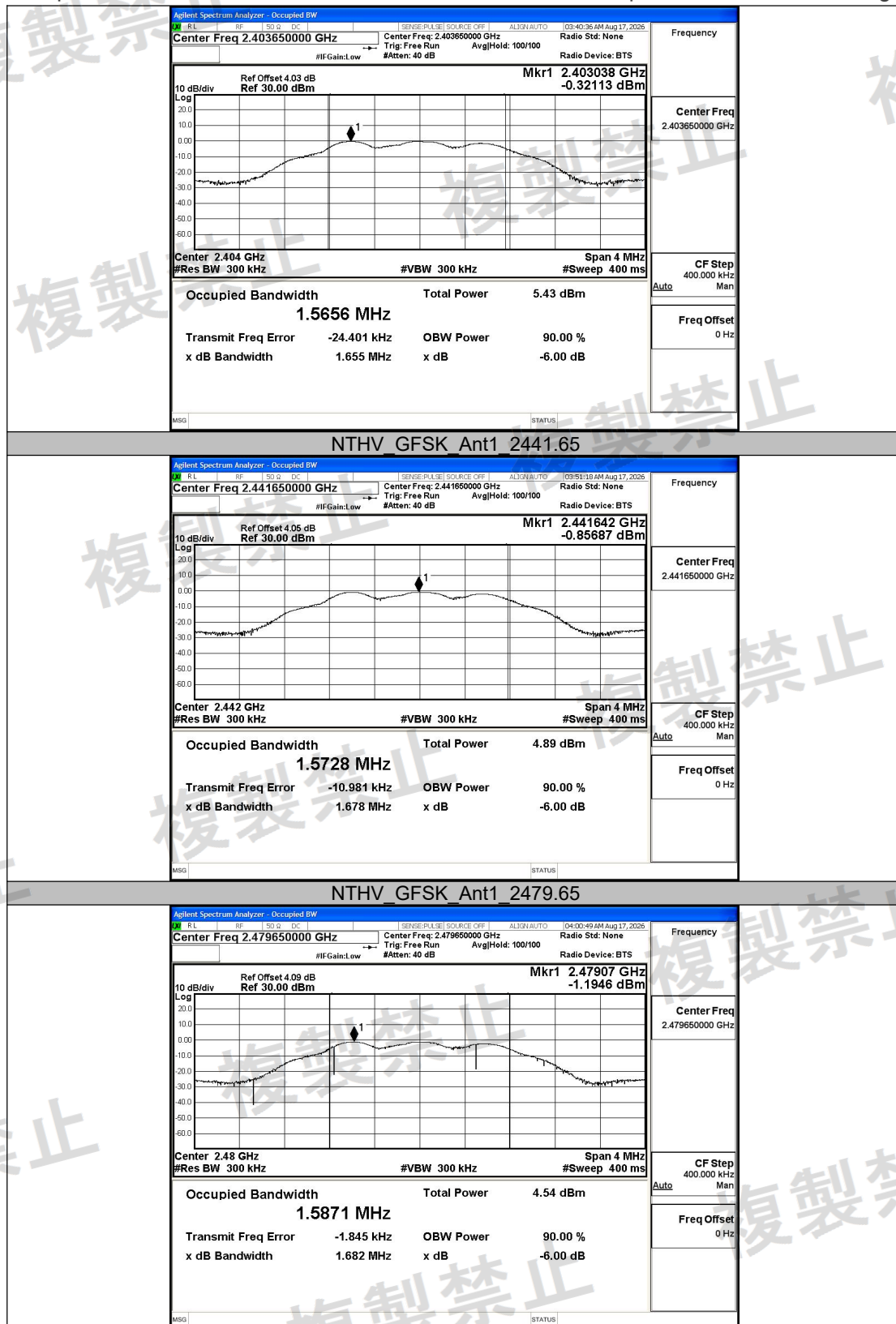
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	GFSK	Ant1	2403.65	1.568	≥ 0.5	PASS
			2441.65	1.569	≥ 0.5	PASS
			2479.65	1.585	≥ 0.5	PASS
NTLV	GFSK	Ant1	2403.65	1.565	≥ 0.5	PASS
			2441.65	1.570	≥ 0.5	PASS
			2479.65	1.586	≥ 0.5	PASS
NTHV	GFSK	Ant1	2403.65	1.566	≥ 0.5	PASS
			2441.65	1.573	≥ 0.5	PASS
			2479.65	1.587	≥ 0.5	PASS



Test Graphs







**Appendix D: Antenna Power****Test Result**

Antenna Power							
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	Result (mW)	Limit (mW)	Verdict
NTNV	GFSK	Ant1	2403.65	0.28	1.0666	≤10	PASS
			2441.65	0.51	1.1246	≤10	PASS
			2479.65	0.32	1.0765	≤10	PASS
NTLV	GFSK	Ant1	2403.65	0.27	1.0641	≤10	PASS
			2441.65	0.52	1.1272	≤10	PASS
			2479.65	-3.39	0.4581	≤10	PASS
NTHV	GFSK	Ant1	2403.65	0.26	1.0617	≤10	PASS
			2441.65	0.50	1.1220	≤10	PASS
			2479.65	0.33	1.0789	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mW)	Rated Power (mW)	Result (%)	Limit (%)	Verdict
NTNV	GFSK	Ant1	2403.65	1.0666	2	-46.67	+20	PASS
			2441.65	1.1246	2	-43.77	+20	PASS
			2479.65	1.0765	2	-46.18	+20	PASS
NTLV	GFSK	Ant1	2403.65	1.0641	2	-46.80	+20	PASS
			2441.65	1.1272	2	-43.64	+20	PASS
			2479.65	0.4581	2	-77.10	+20	PASS
NTHV	GFSK	Ant1	2403.65	1.0617	2	-46.92	+20	PASS
			2441.65	1.1220	2	-43.90	+20	PASS
			2479.65	1.0789	2	-46.06	+20	PASS

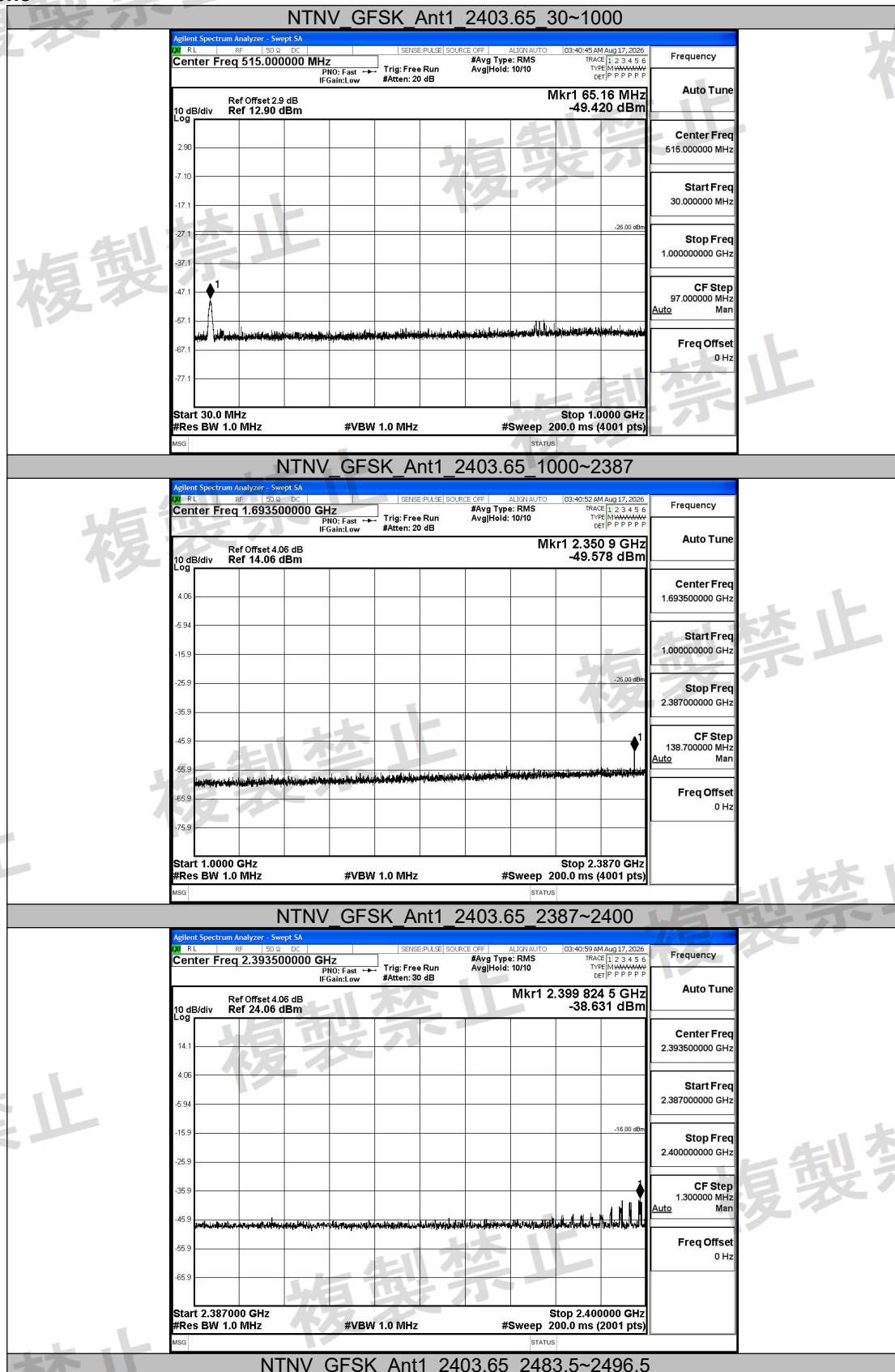
EIRP								
Test Condition	Test Mode	Antenna	Freq (MHz)	Result(dBm)	Gain (dBi)	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	GFSK	Ant1	2403.65	0.28	2.28	2.56	≤12.14	PASS
			2441.65	0.51	2.28	2.79	≤12.14	PASS
			2479.65	0.32	2.28	2.60	≤12.14	PASS
NTLV	GFSK	Ant1	2403.65	0.27	2.28	2.55	≤12.14	PASS
			2441.65	0.52	2.28	2.80	≤12.14	PASS
			2479.65	-3.39	2.28	-1.11	≤12.14	PASS
NTHV	GFSK	Ant1	2403.65	0.26	2.28	2.54	≤12.14	PASS
			2441.65	0.50	2.28	2.78	≤12.14	PASS
			2479.65	0.33	2.28	2.61	≤12.14	PASS

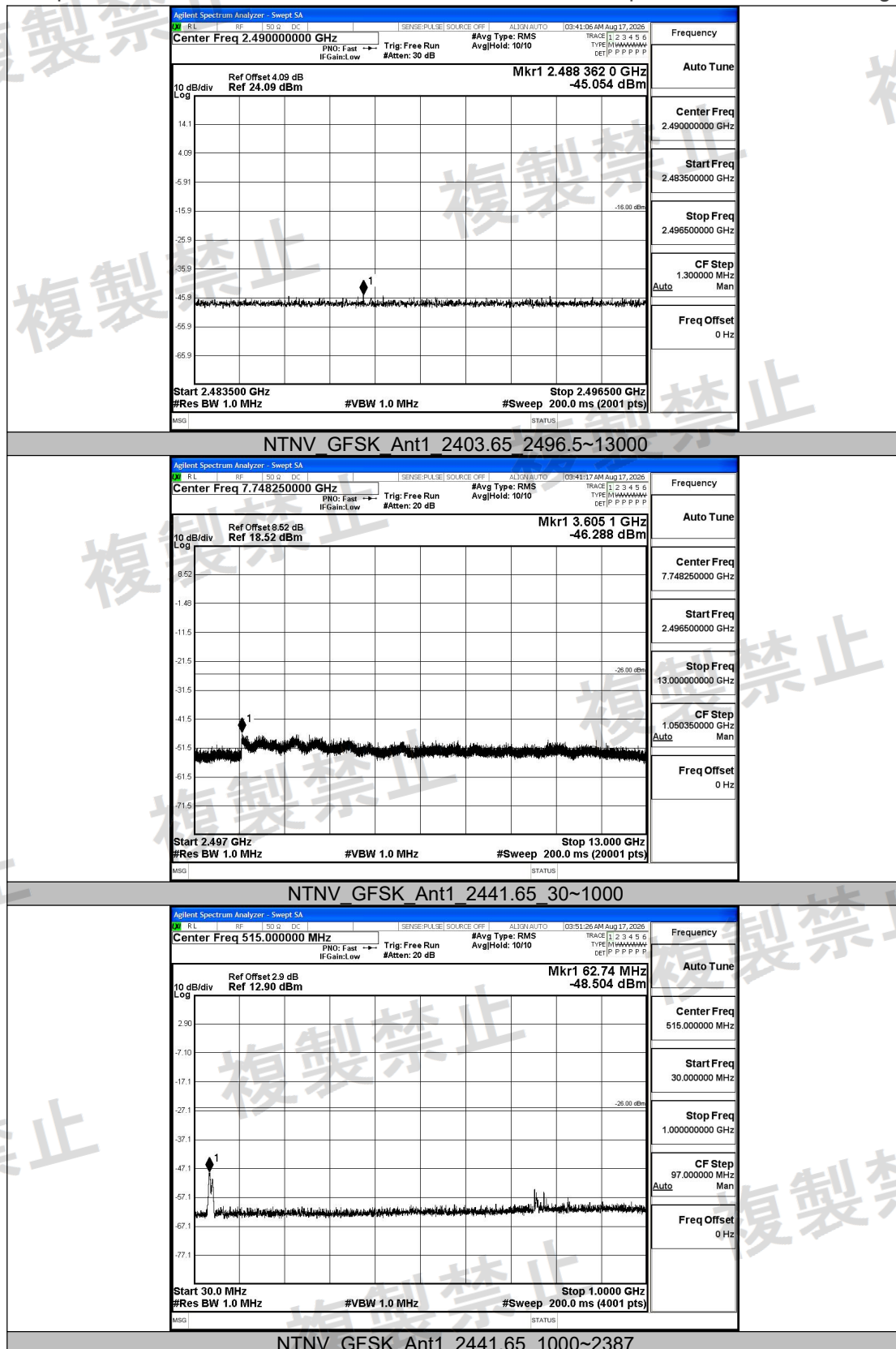
**Appendix E: Spurious Emission of TX****Test Result**

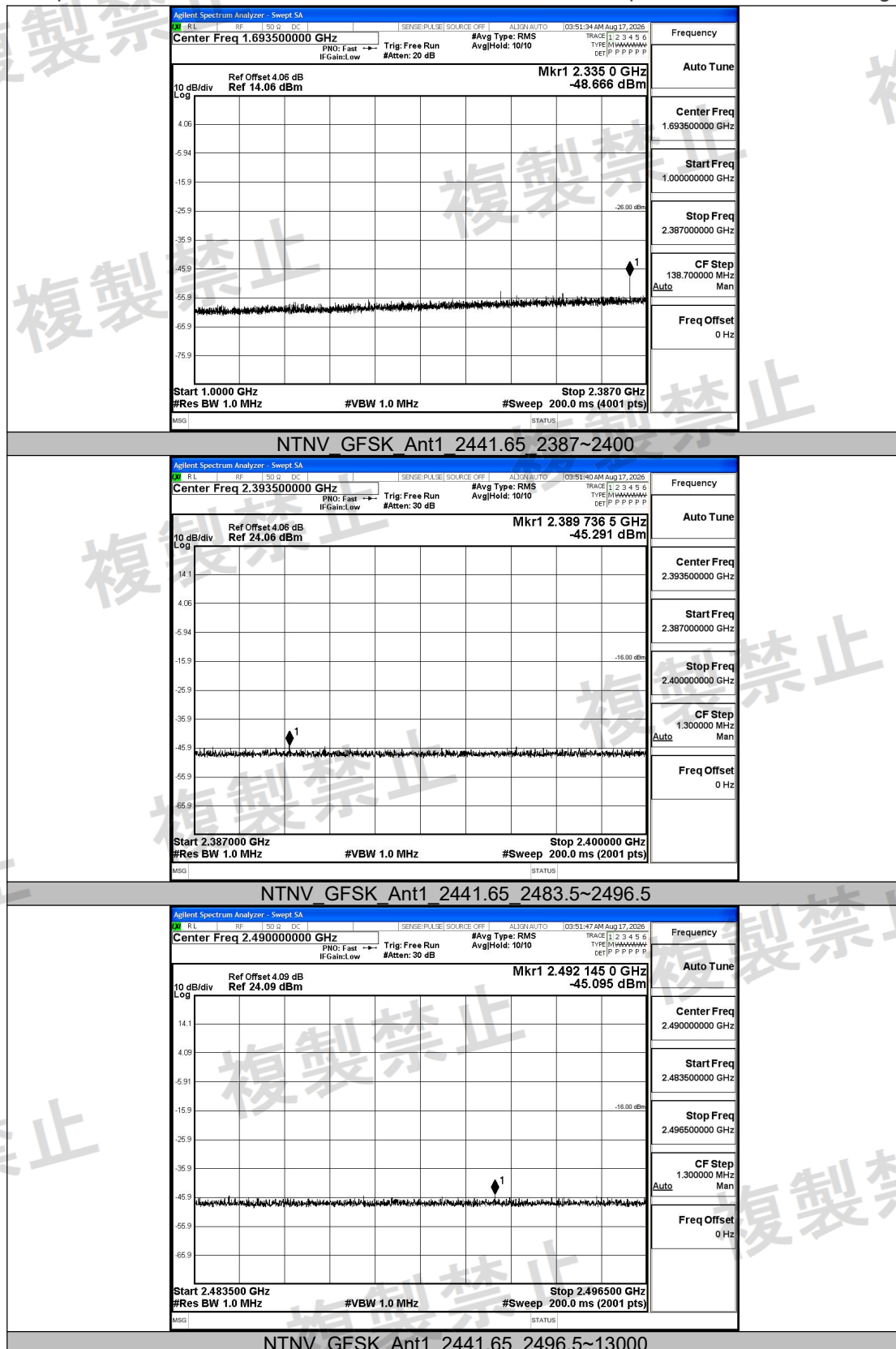
TestCondition	Test Mode	Antenna	Freq (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	GFSK	Ant1	2403.65	30~1000	65.16	-49.42	≤-26	0.01932	≤2.5	PASS
				1000~2387	2350.94	-49.58	≤-26	0.01862	≤2.5	PASS
				2387~2400	2399.82	-38.63	≤-16	0.23174	≤25	PASS
				2483.5~2496.5	2488.36	-45.05	≤-16	0.05284	≤25	PASS
				2496.5~13000	3605.14	-46.29	≤-26	0.03972	≤2.5	PASS
			2441.65	30~1000	62.74	-48.50	≤-26	0.02388	≤2.5	PASS
				1000~2387	2334.99	-48.67	≤-26	0.02296	≤2.5	PASS
				2387~2400	2389.74	-45.29	≤-16	0.05000	≤25	PASS
				2483.5~2496.5	2492.15	-45.10	≤-16	0.05224	≤25	PASS
				2496.5~13000	3621.42	-46.37	≤-26	0.03899	≤2.5	PASS
			2479.65	30~1000	65.16	-50.50	≤-26	0.01507	≤2.5	PASS
				1000~2387	2347.12	-46.43	≤-26	0.03846	≤2.5	PASS
				2387~2400	2399.69	-45.39	≤-16	0.04887	≤25	PASS
				2483.5~2496.5	2483.81	-40.26	≤-16	0.15922	≤25	PASS
				2496.5~13000	3627.20	-46.83	≤-26	0.03508	≤2.5	PASS
NTLV	GFSK	Ant1	2403.65	30~1000	763.08	-48.84	≤-26	0.02208	≤2.5	PASS
				1000~2387	2334.29	-47.96	≤-26	0.02704	≤2.5	PASS
				2387~2400	2399.99	-37.33	≤-16	0.31261	≤25	PASS
				2483.5~2496.5	2493.71	-45.21	≤-16	0.05093	≤25	PASS
				2496.5~13000	3607.77	-46.35	≤-26	0.03917	≤2.5	PASS
			2441.65	30~1000	63.47	-47.89	≤-26	0.02748	≤2.5	PASS
				1000~2387	1939.00	-52.52	≤-26	0.00946	≤2.5	PASS
				2387~2400	2398.08	-45.50	≤-16	0.04764	≤25	PASS
				2483.5~2496.5	2488.58	-45.56	≤-16	0.04699	≤25	PASS
				2496.5~13000	7325.48	-31.60	≤-26	1.16950	≤2.5	PASS
			2479.65	30~1000	65.16	-49.89	≤-26	0.01734	≤2.5	PASS
				1000~2387	2334.99	-48.15	≤-26	0.02588	≤2.5	PASS
				2387~2400	2392.86	-45.20	≤-16	0.05105	≤25	PASS
				2483.5~2496.5	2483.58	-38.75	≤-16	0.22542	≤25	PASS
				2496.5~13000	4000.60	-46.34	≤-26	0.03926	≤2.5	PASS
NTHV	GFSK	Ant1	2403.65	30~1000	65.65	-49.52	≤-26	0.01888	≤2.5	PASS
				1000~2387	2354.06	-49.73	≤-26	0.01799	≤2.5	PASS
				2387~2400	2399.85	-37.10	≤-16	0.32961	≤25	PASS
				2483.5~2496.5	2496.47	-45.37	≤-16	0.04909	≤25	PASS
				2496.5~13000	7210.47	-32.80	≤-26	0.88716	≤2.5	PASS
			2441.65	30~1000	63.22	-48.88	≤-26	0.02188	≤2.5	PASS
				1000~2387	1925.48	-52.13	≤-26	0.01035	≤2.5	PASS
				2387~2400	2387.62	-44.85	≤-16	0.05534	≤25	PASS
				2483.5~2496.5	2485.40	-44.34	≤-16	0.06223	≤25	PASS
				2496.5~13000	2532.21	-33.16	≤-26	0.81658	≤2.5	PASS
			2479.65	30~1000	65.65	-49.77	≤-26	0.01782	≤2.5	PASS
				1000~2387	2335.33	-50.57	≤-26	0.01483	≤2.5	PASS
				2387~2400	2390.00	-45.21	≤-16	0.05093	≤25	PASS
				2483.5~2496.5	2483.57	-39.04	≤-16	0.21086	≤25	PASS
				2496.5~13000	4958.00	-44.63	≤-26	0.05821	≤2.5	PASS

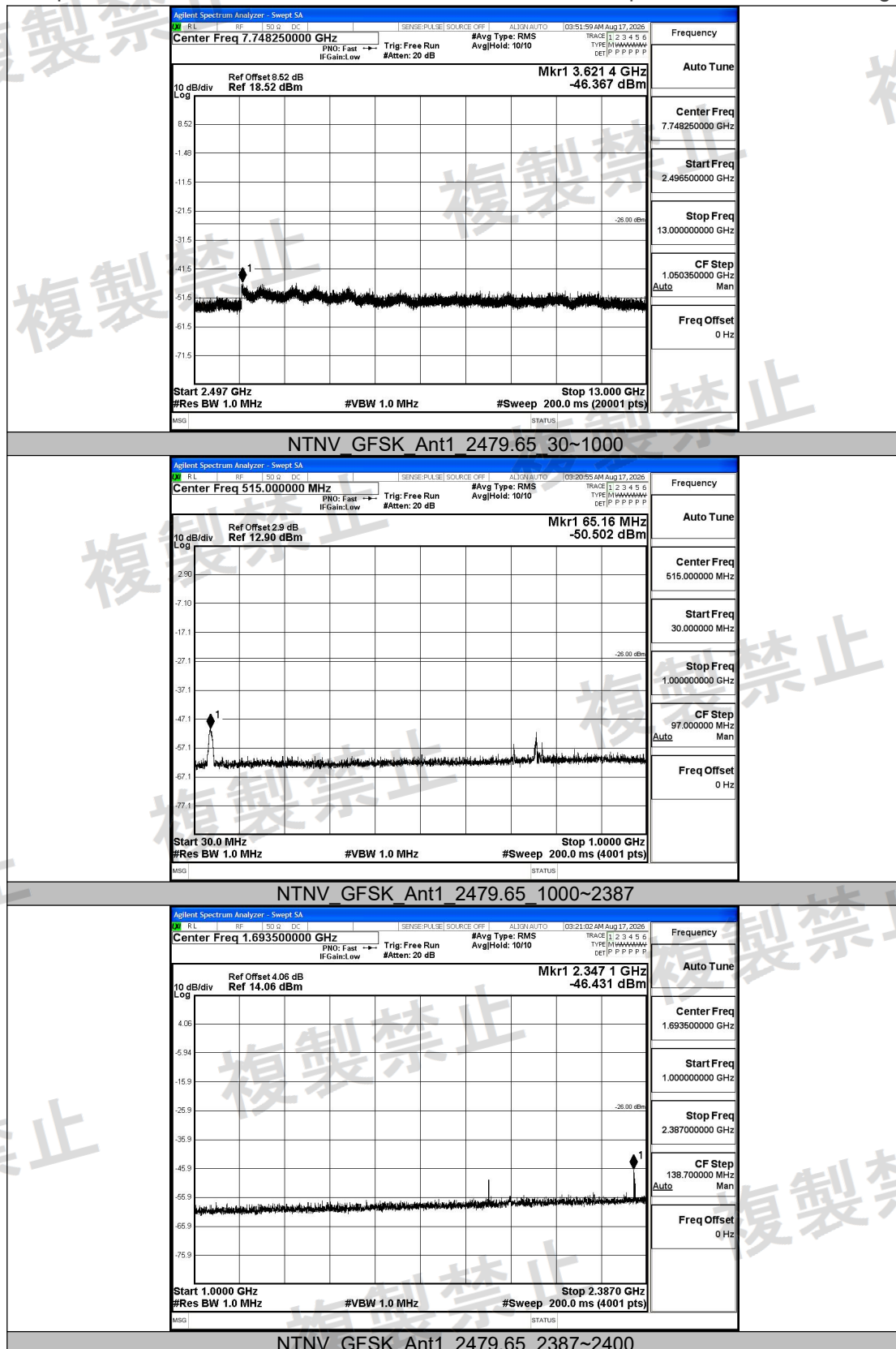


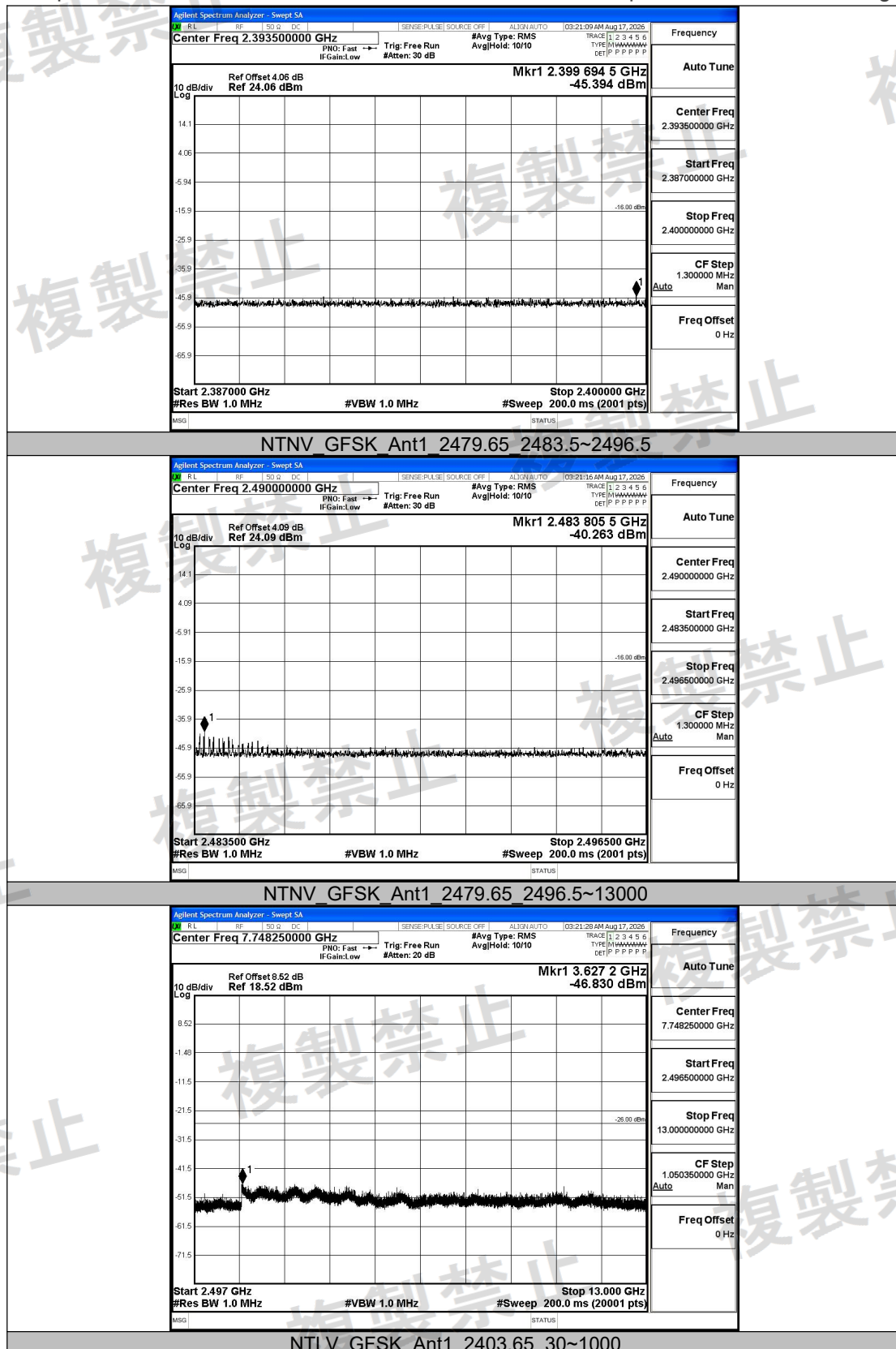
Test Graphs

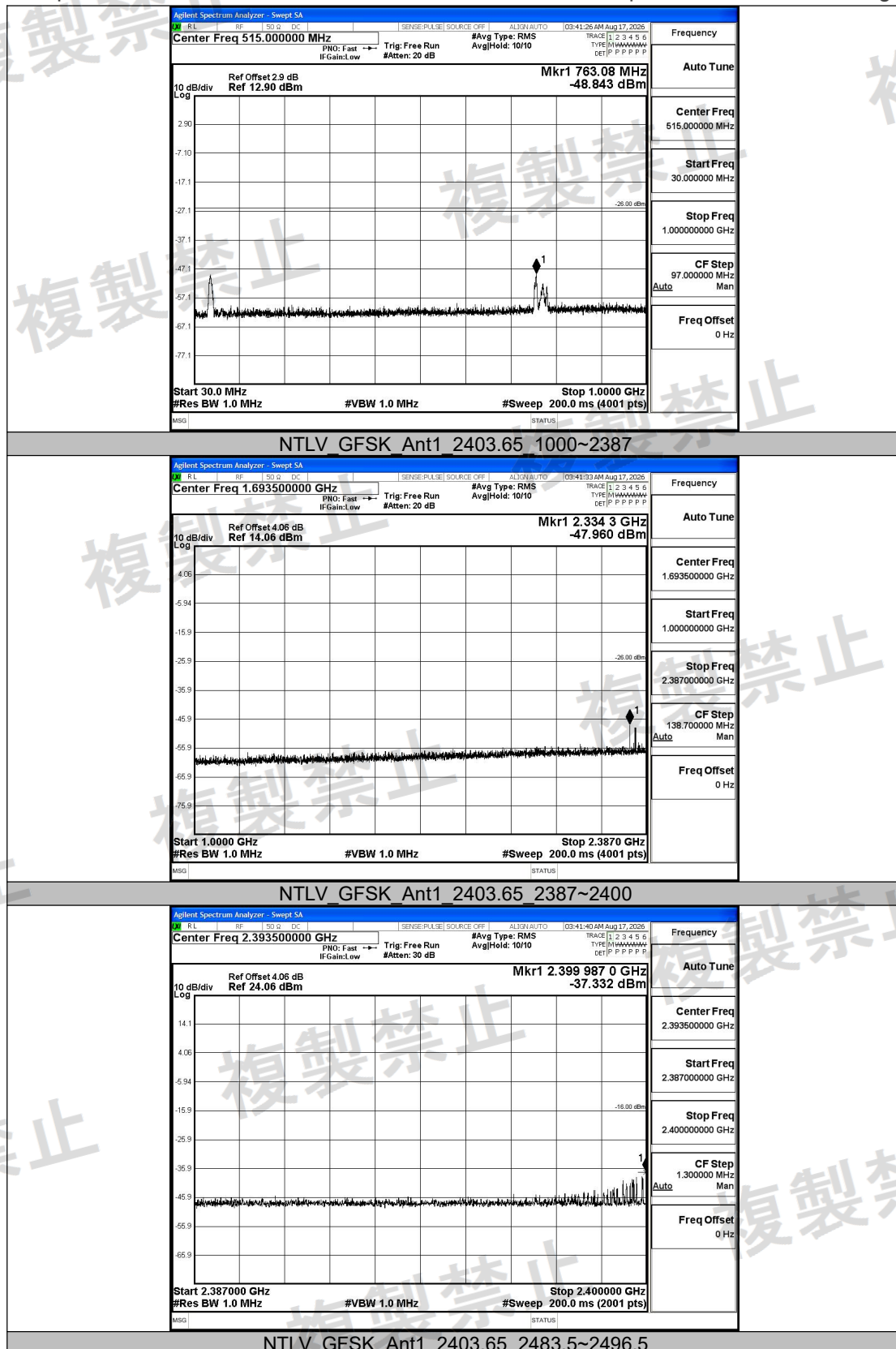


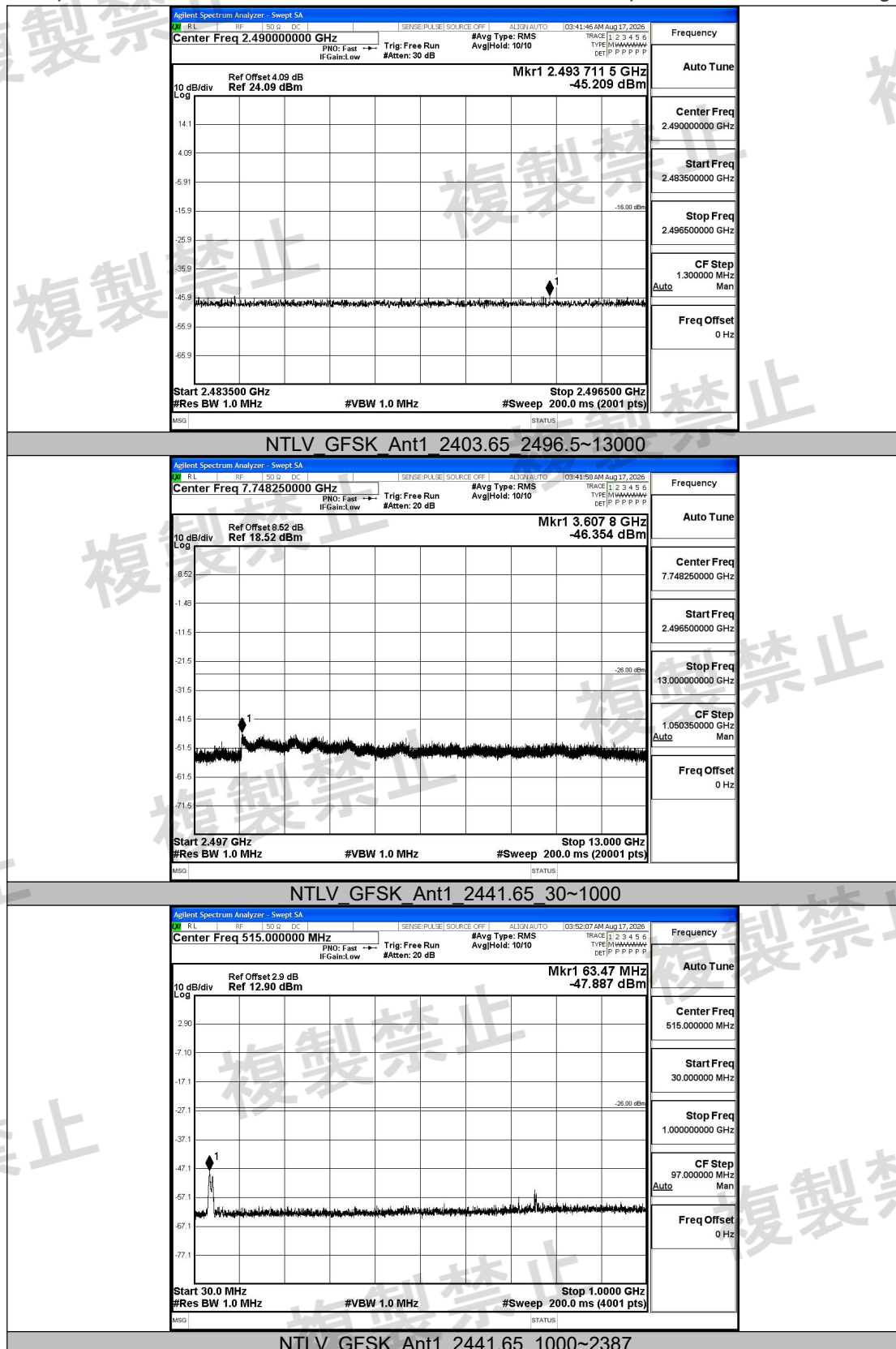


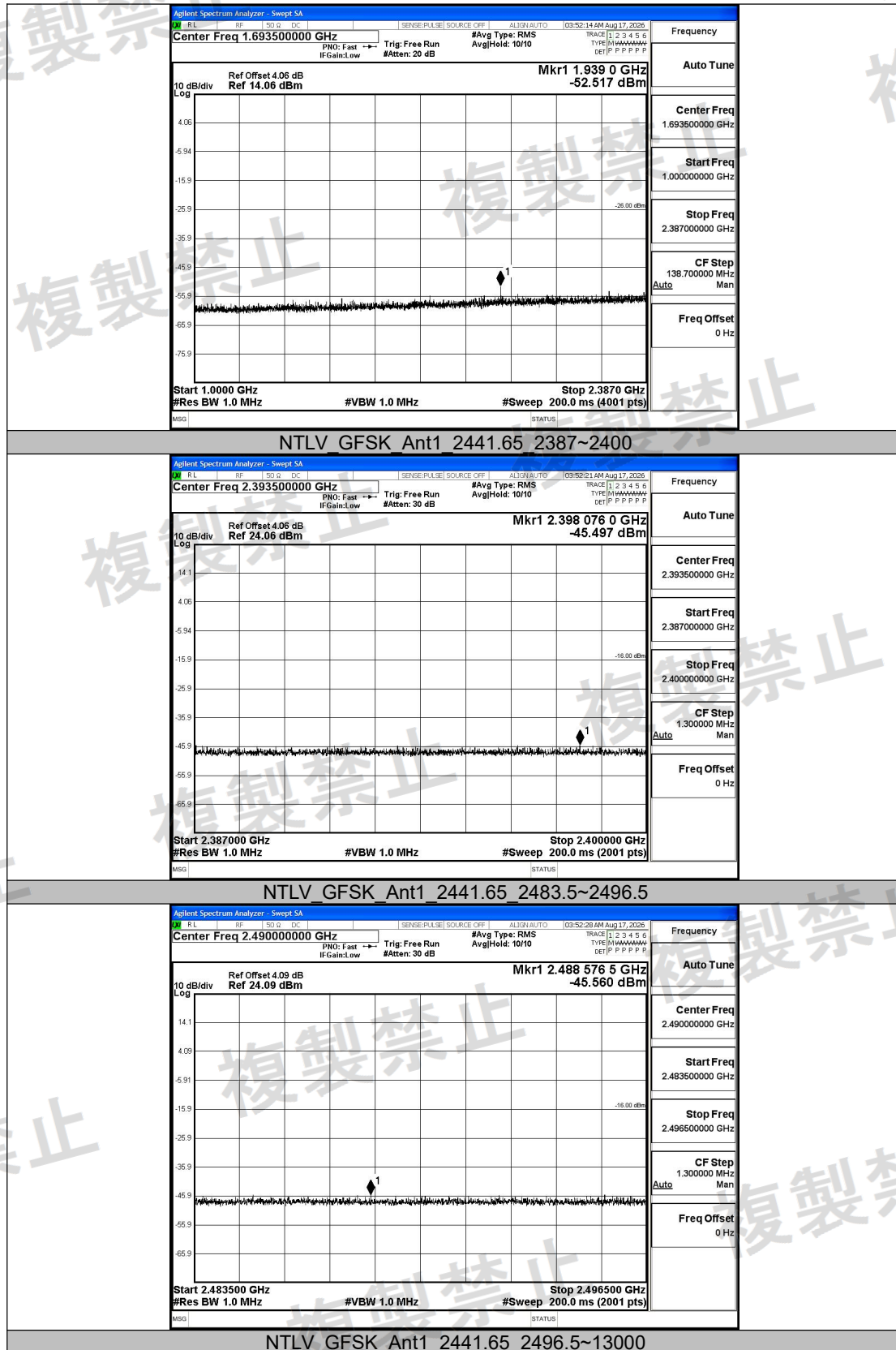


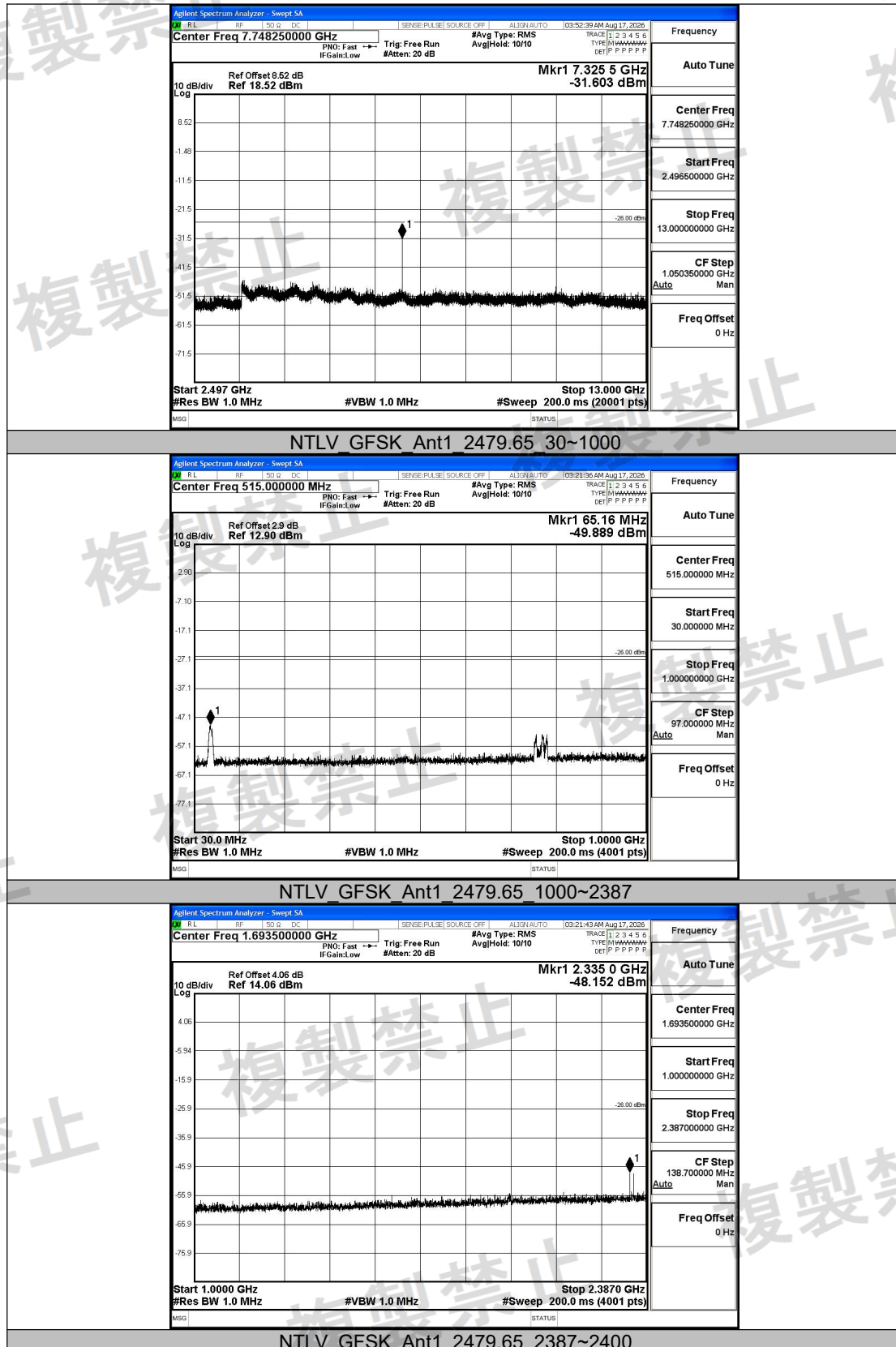


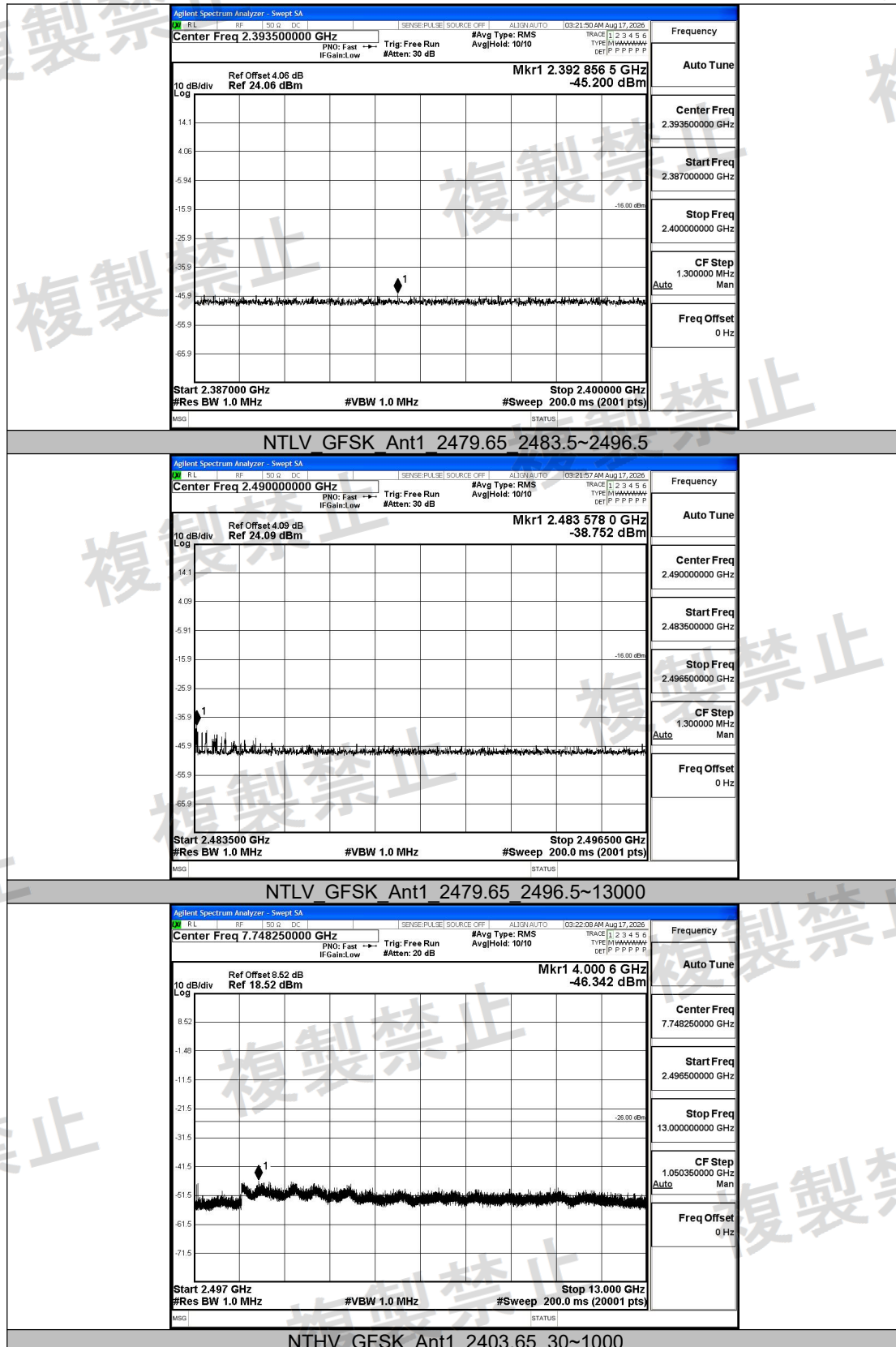


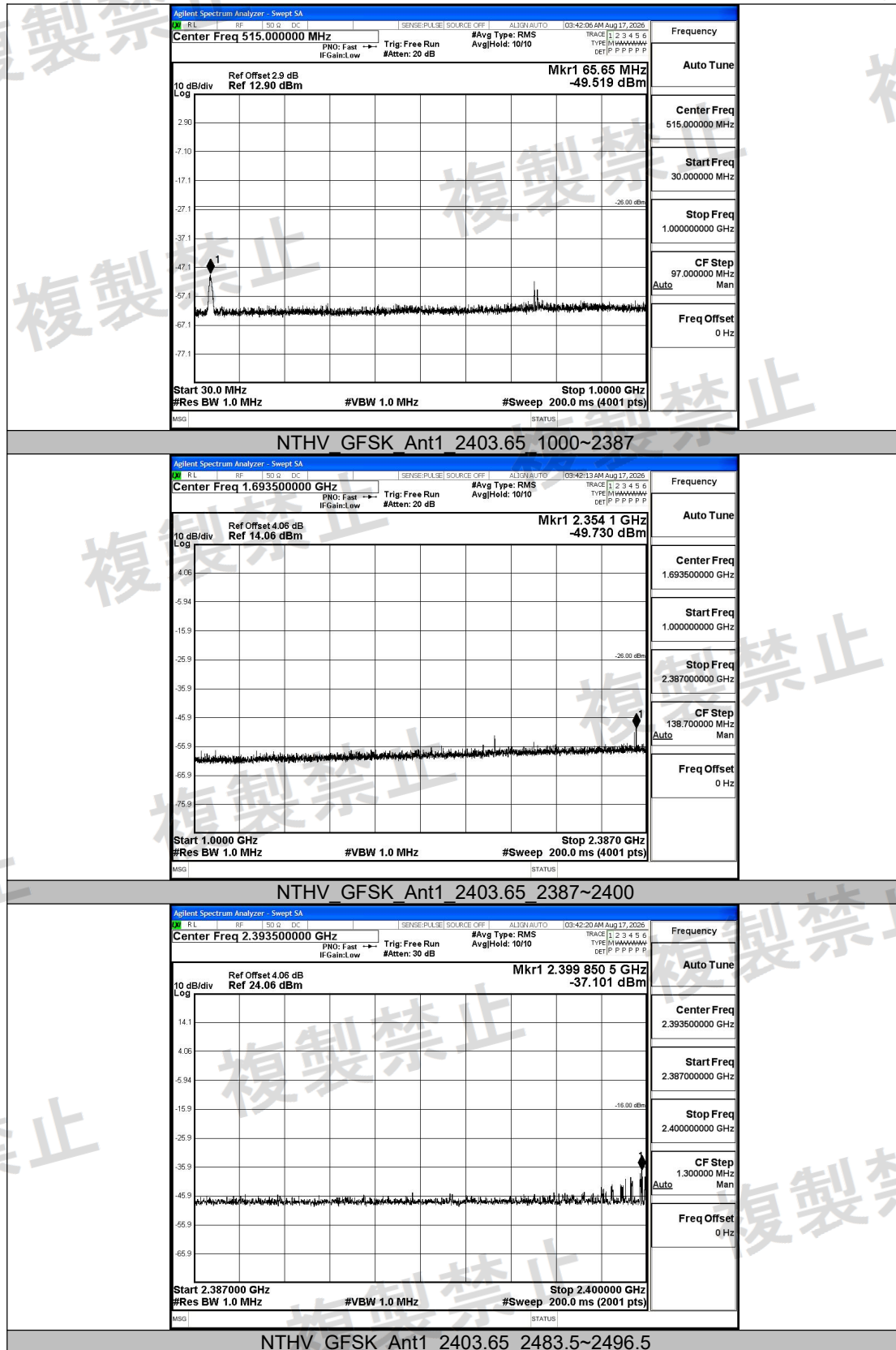


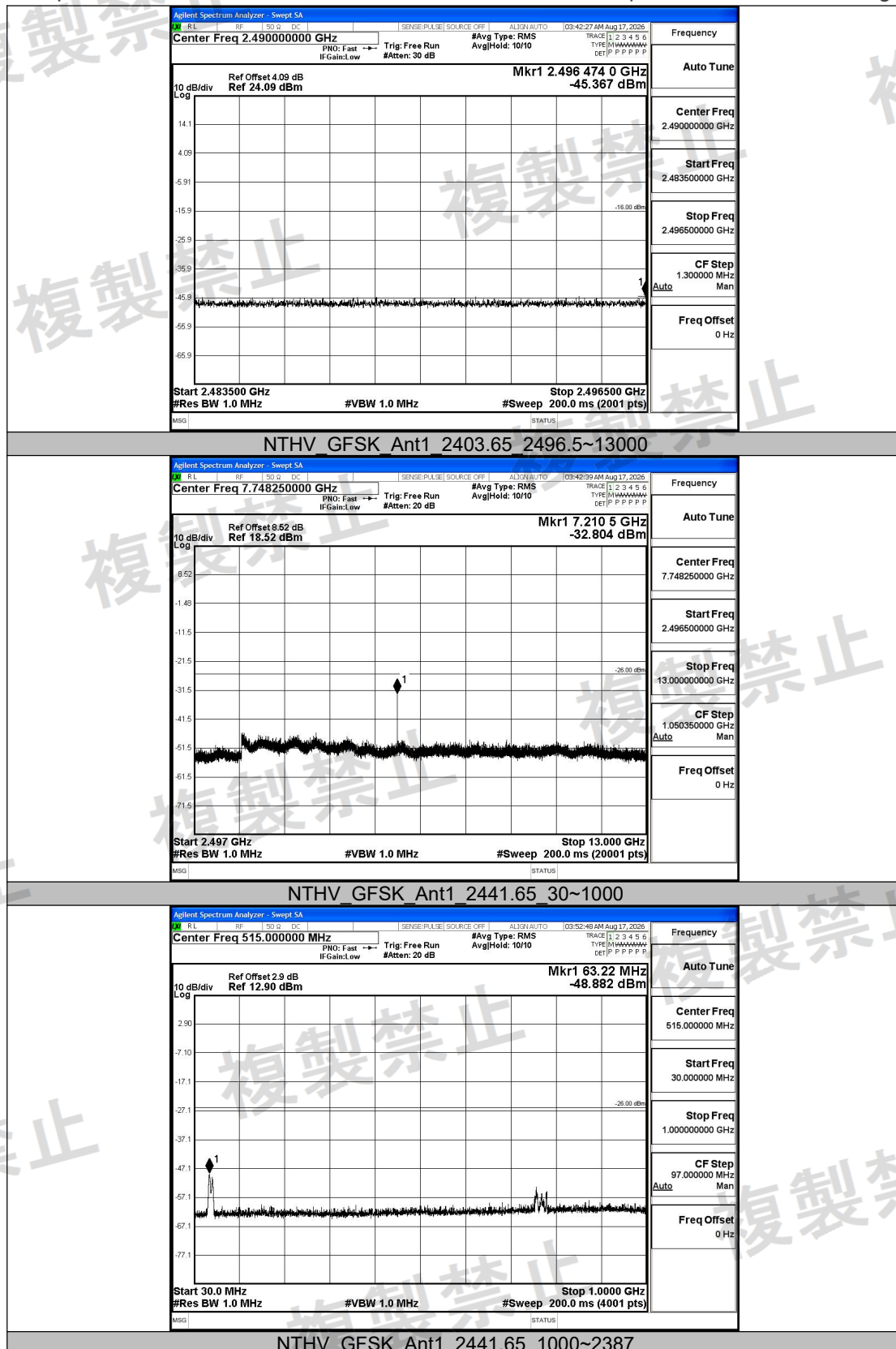


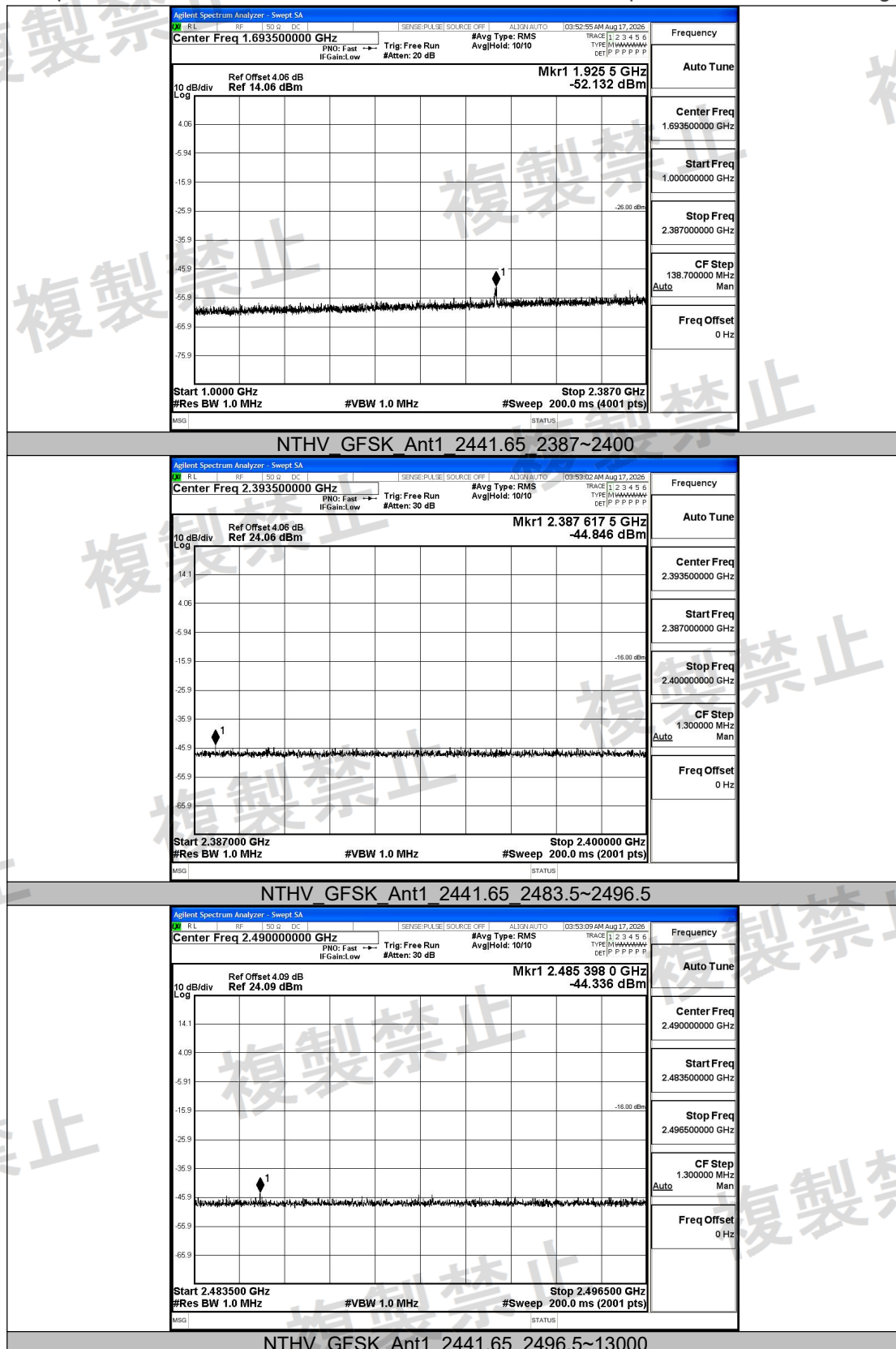


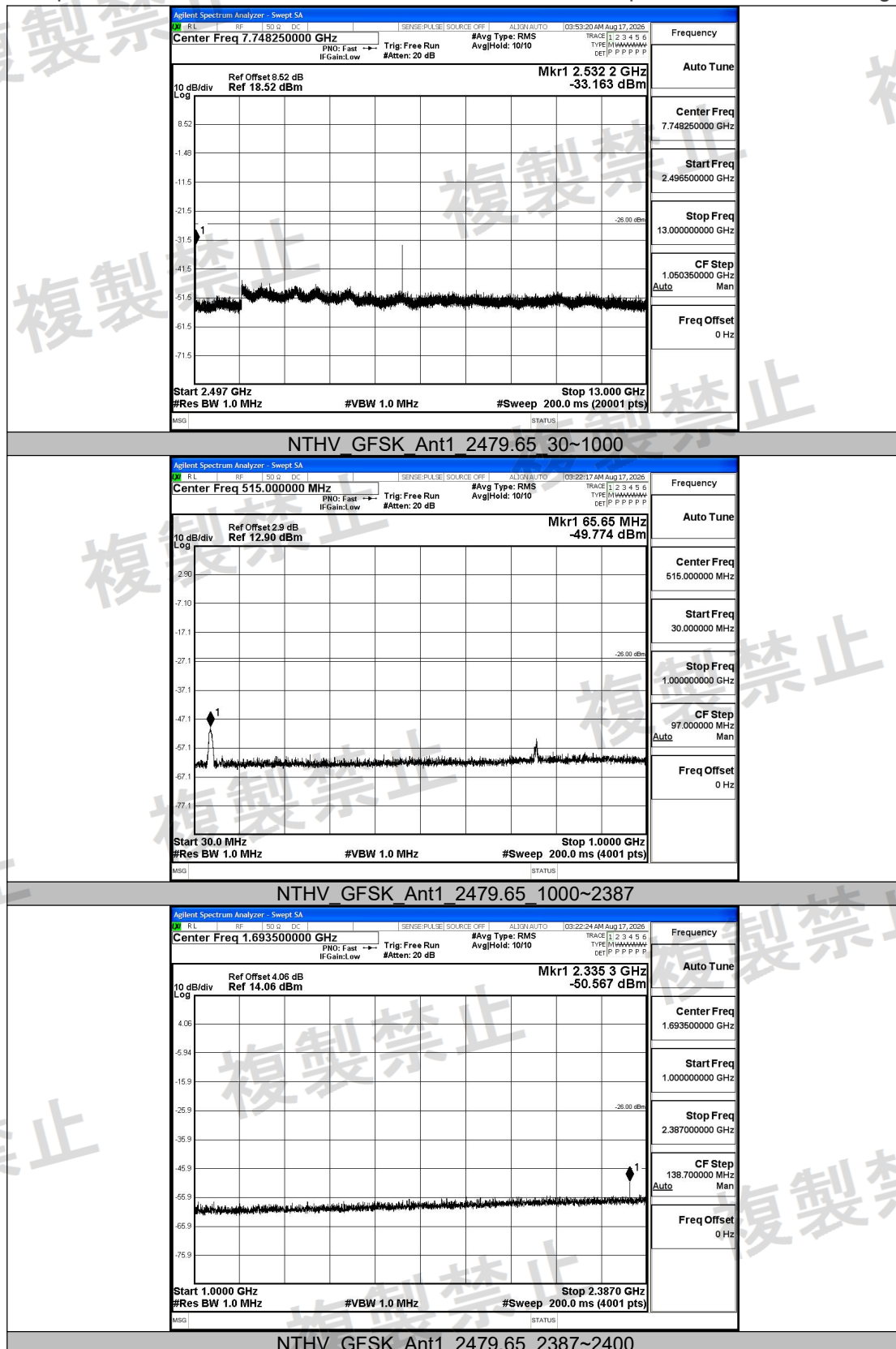


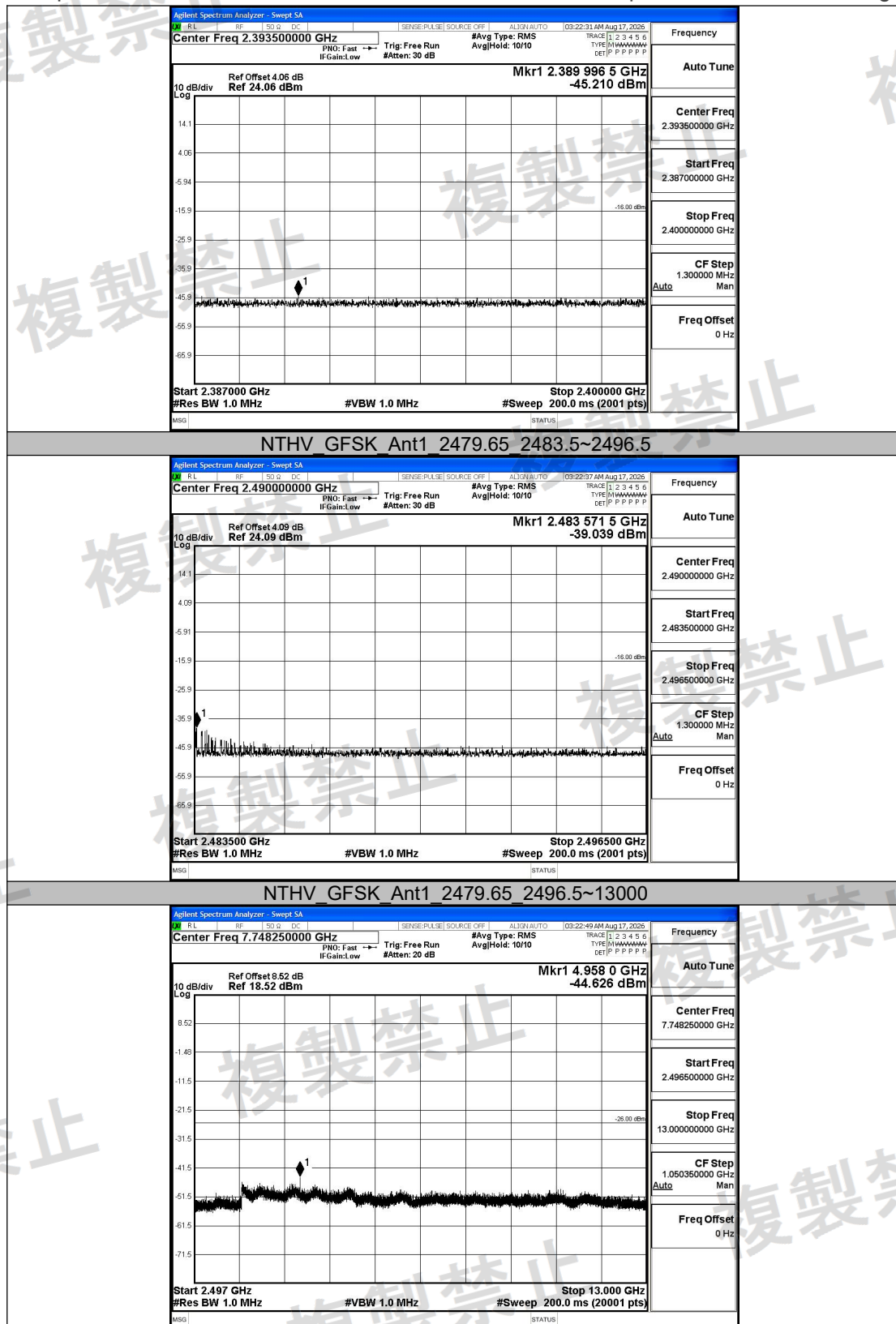












Note: SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA' s default format.

**Appendix F: Spurious Emission of RX****Test Result**

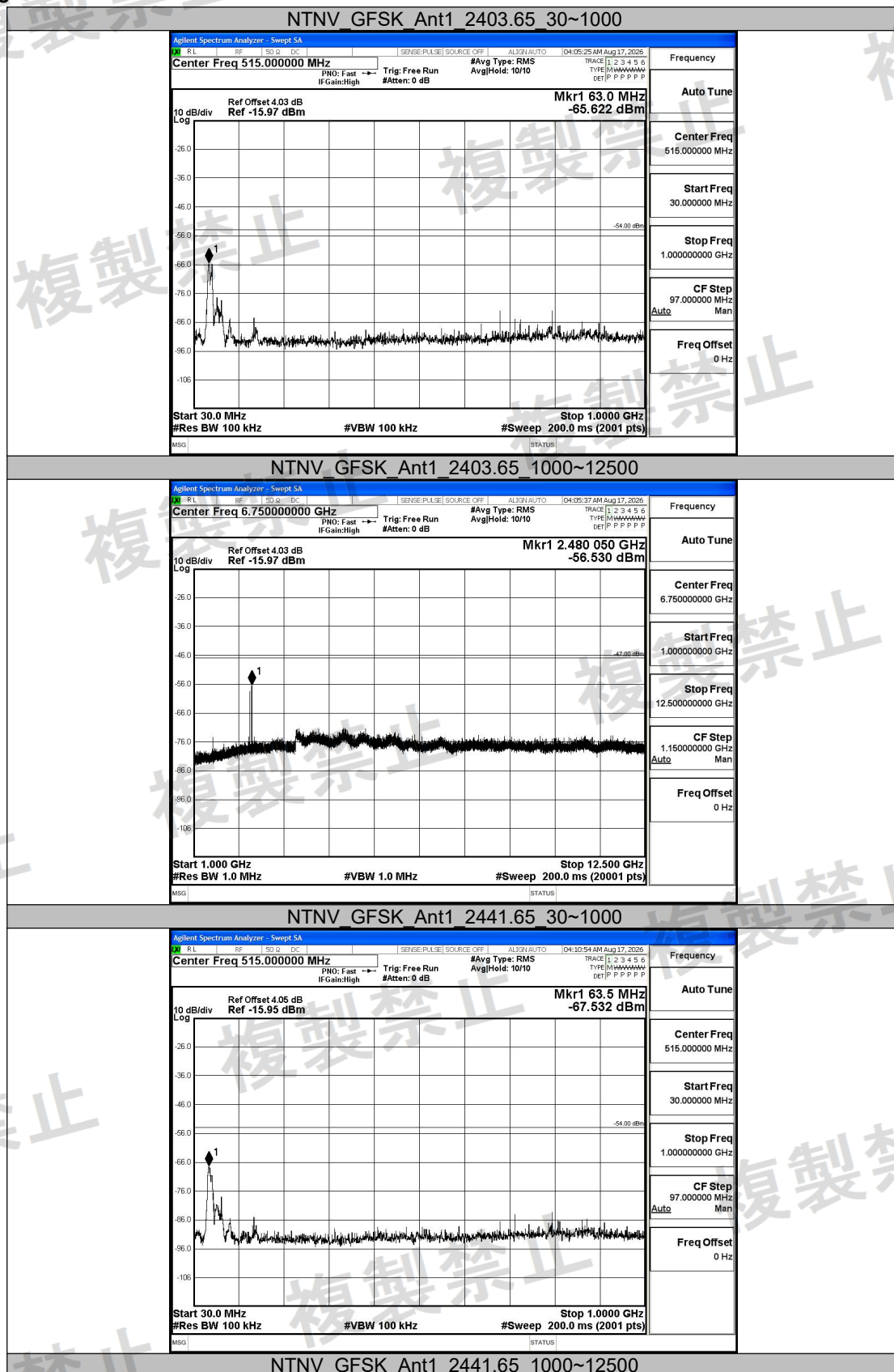
Test Condition	Test Mode	Antenna	Freq (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	GFSK	Ant1	2403.65	30~1000	62.98	-65.62	≤-54	0.27416	≤4	PASS
				1000~12500	2480.05	-56.53	≤-47	2.22331	≤20	See table below
			2441.65	30~1000	63.47	-67.53	≤-54	0.17660	≤4	PASS
				1000~12500	3602.45	-70.98	≤-47	0.07980	≤20	PASS
			2479.65	30~1000	69.77	-62.01	≤-54	0.62951	≤4	See table below
				1000~12500	2448.43	-51.99	≤-47	6.32412	≤20	See table below
NTLV	GFSK	Ant1	2403.65	30~1000	69.77	-64.65	≤-54	0.34277	≤4	PASS
				1000~12500	2426	-49.11	≤-47	12.27439	≤20	See table below
			2441.65	30~1000	62.50	-66.84	≤-54	0.20701	≤4	PASS
				1000~12500	2470.28	-68.10	≤-47	0.15488	≤20	PASS
			2479.65	30~1000	62.98	-64.78	≤-54	0.33266	≤4	PASS
				1000~12500	2462.23	-56.19	≤-47	2.40436	≤20	See table below
NTHV	GFSK	Ant1	2403.65	30~1000	62.50	-65.08	≤-54	0.31046	≤4	PASS
				1000~12500	2480.05	-52.41	≤-47	5.74116	≤20	See table below
			2441.65	30~1000	62.98	-66.76	≤-54	0.21086	≤4	PASS
				1000~12500	3676.05	-71.52	≤-47	0.07047	≤20	PASS
			2479.65	30~1000	64.92	-62.92	≤-54	0.51050	≤4	See table below
				1000~12500	2434.05	-53.83	≤-47	4.14000	≤20	See table below

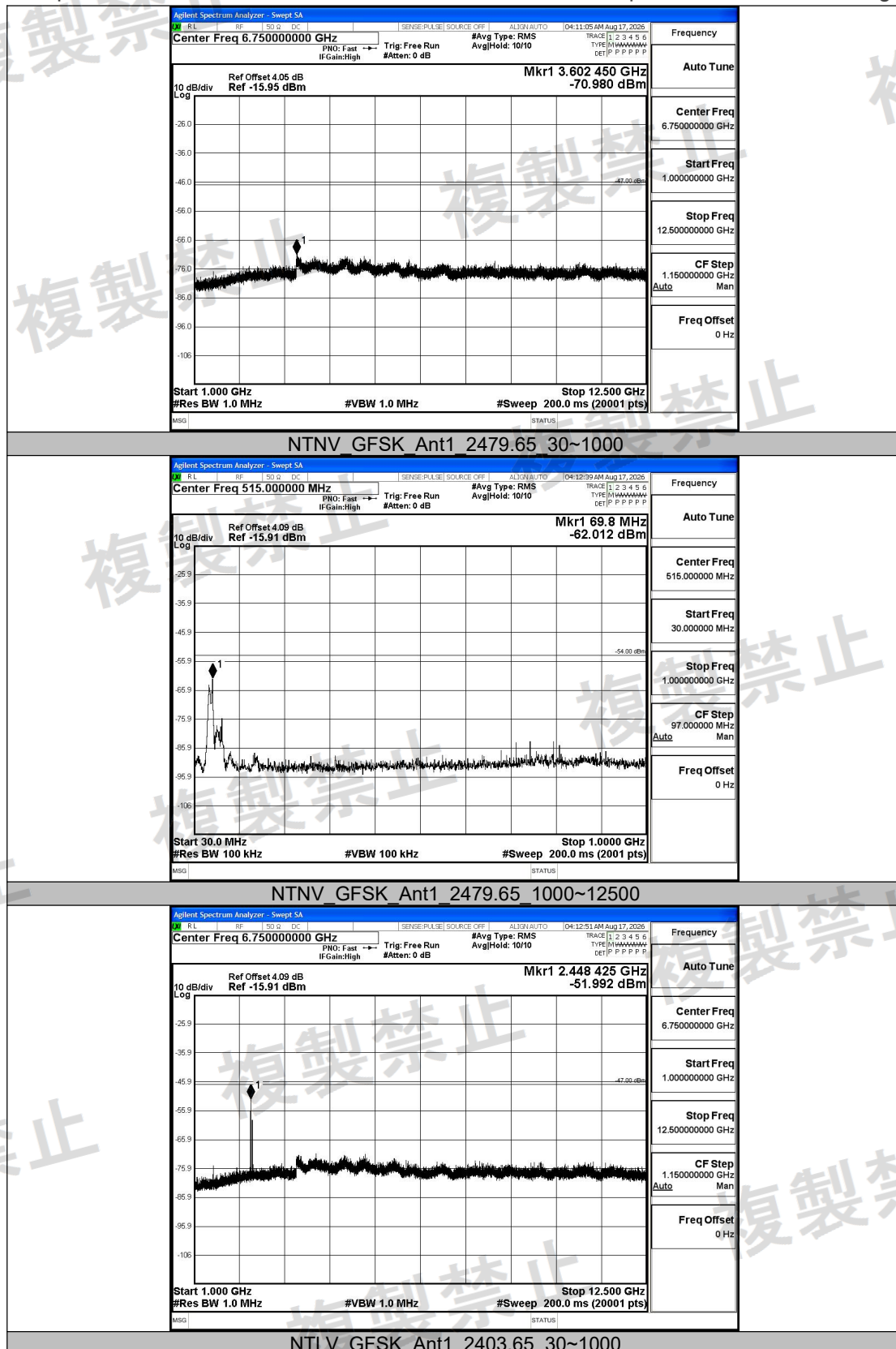
**Test Result Step2**

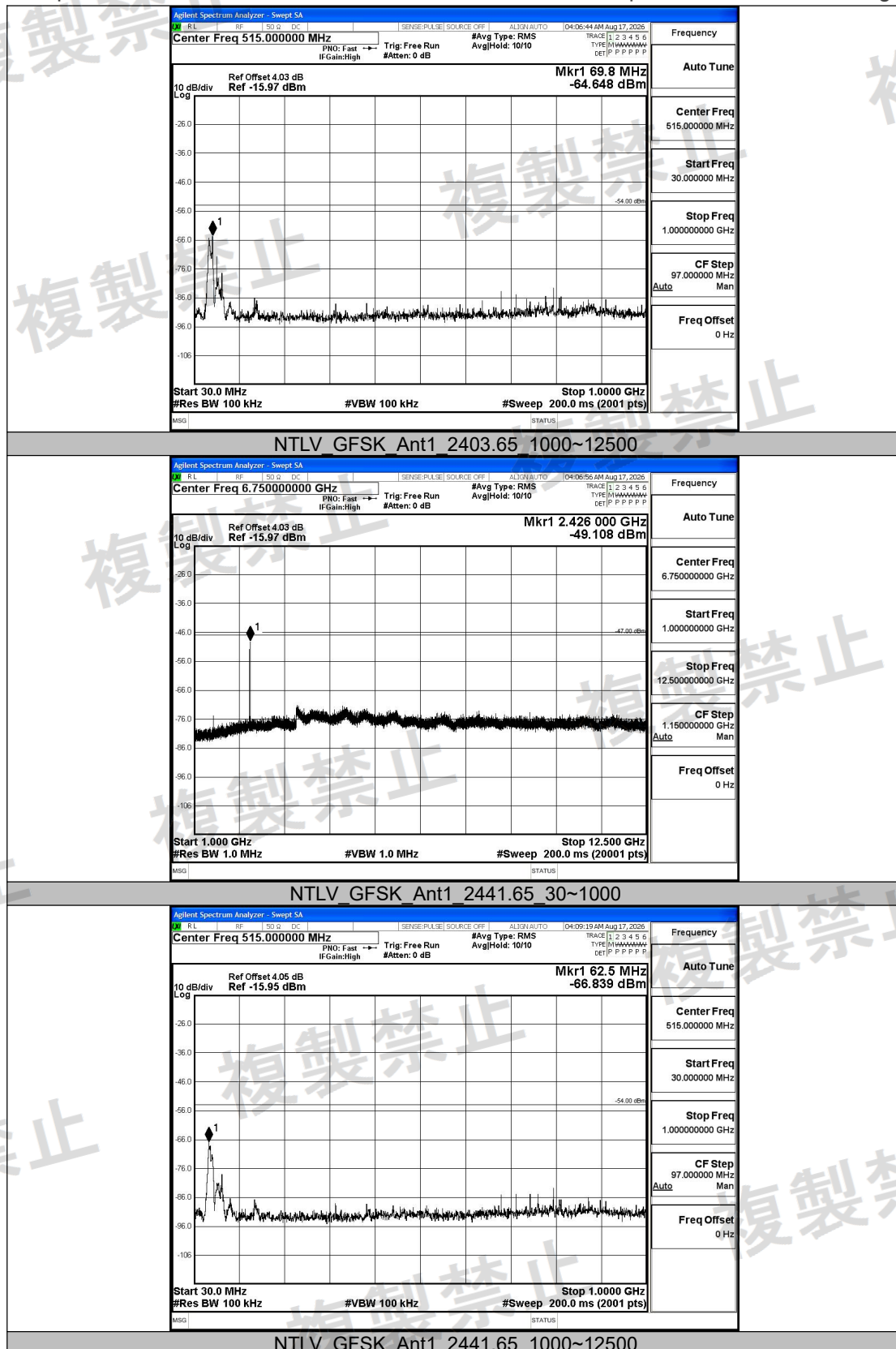
Test Condition	TestMode	Antenna	Freq (MHz)	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	GFSK	Ant1	2403.65	2480.05	-58.72	≤-47	1.34276	≤20	PASS
			2479.65	2425.43	-56.82	≤-47	2.07970	≤20	PASS
				2448.43	-84.15	≤-47	0.00385	≤20	PASS
NTLV	GFSK	Ant1	2403.65	2401.85	-73.59	≤-47	0.04375	≤20	PASS
				2426.00	-47.74	≤-47	16.82674	≤20	PASS
			2479.65	2426.00	-47.34	≤-47	18.45015	≤20	PASS
				2462.23	-53.12	≤-47	4.87528	≤20	PASS
NTHV	GFSK	Ant1	2403.65	2446.70	-67.96	≤-47	0.15996	≤20	PASS
				2480.05	-49.49	≤-47	11.24605	≤20	PASS
			2479.65	64.92	-69.16	≤-54	0.12134	≤4	PASS
				2434.05	-55.53	≤-47	2.79898	≤20	PASS

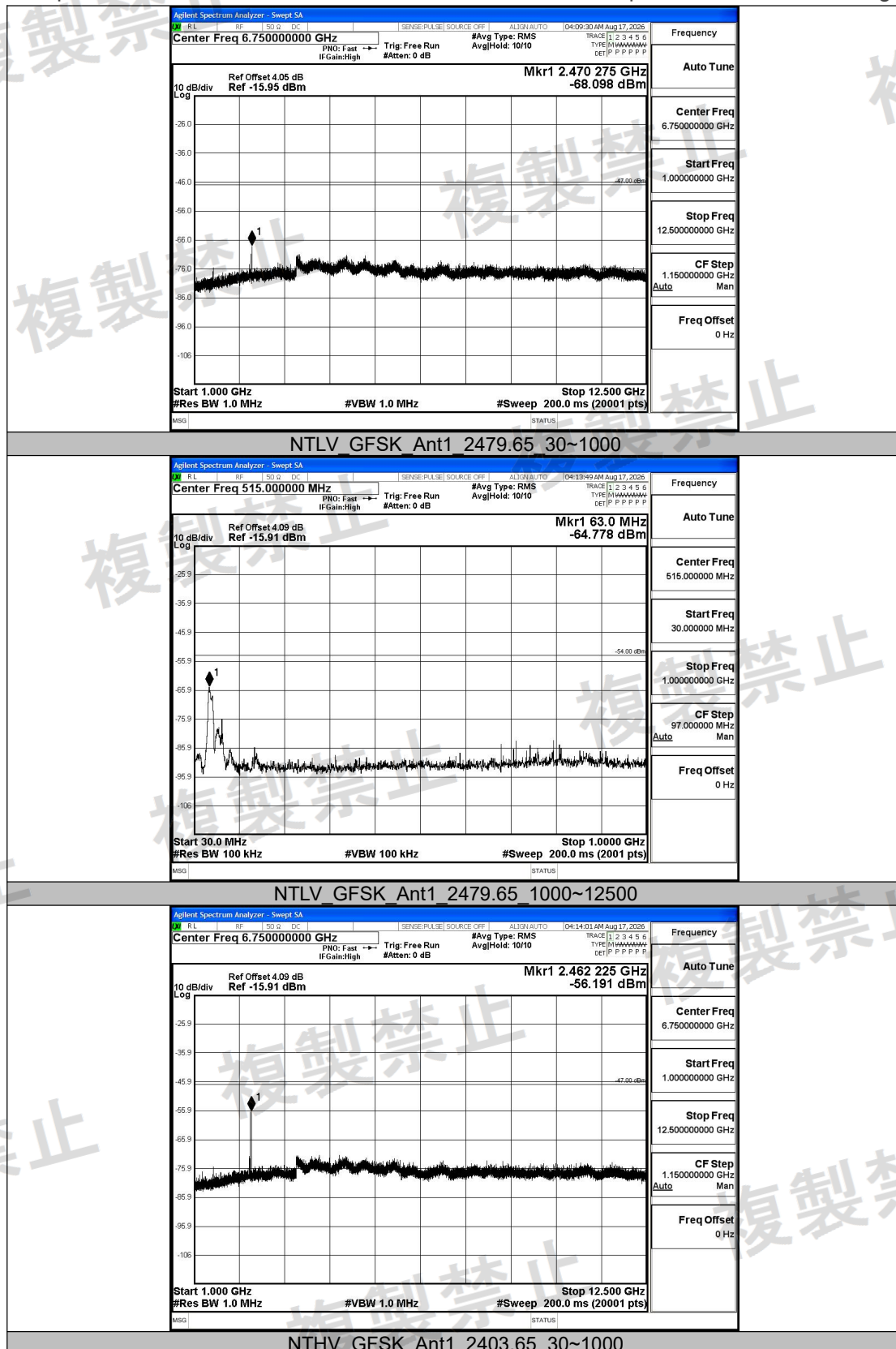


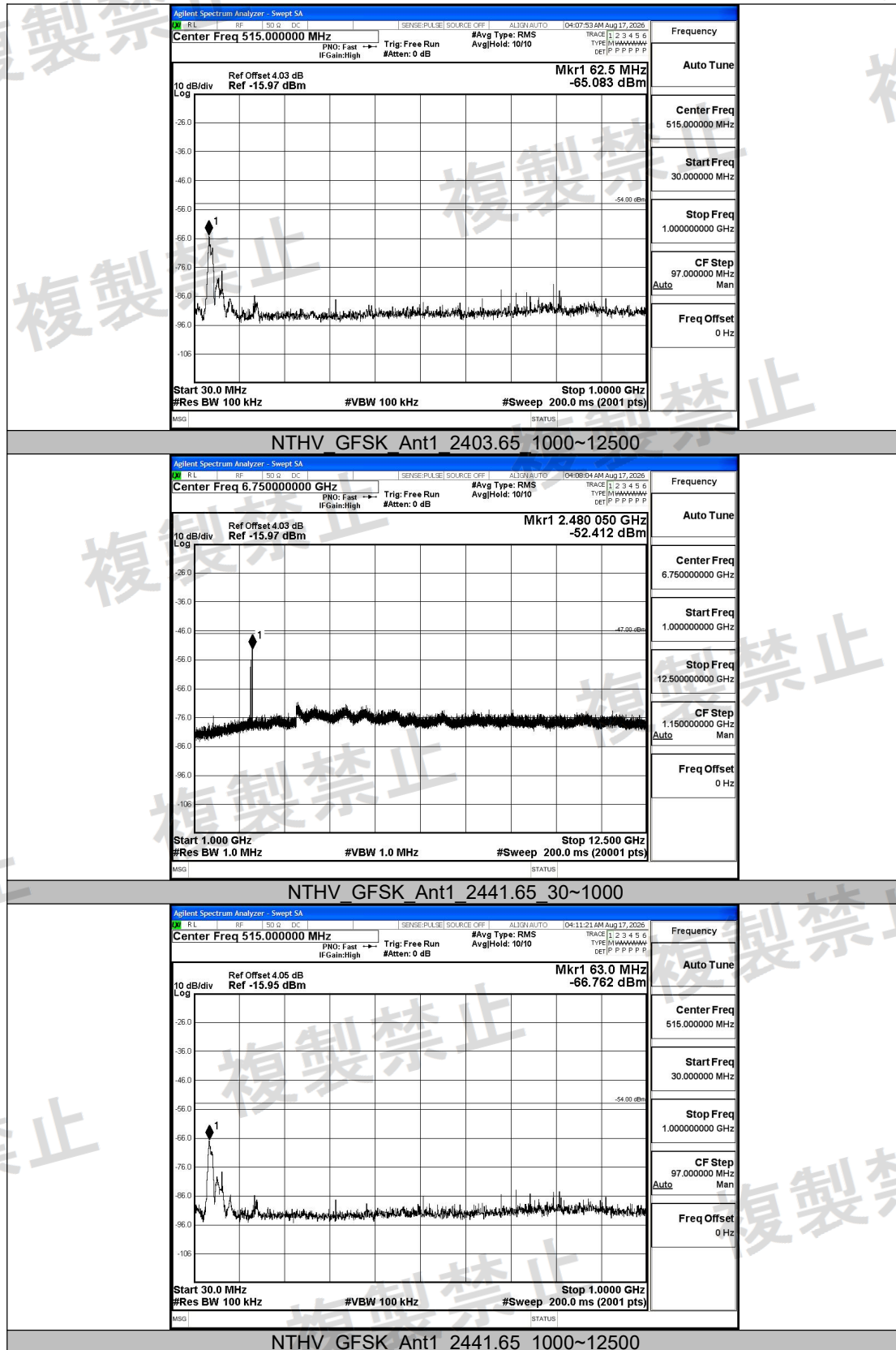
Test Graphs

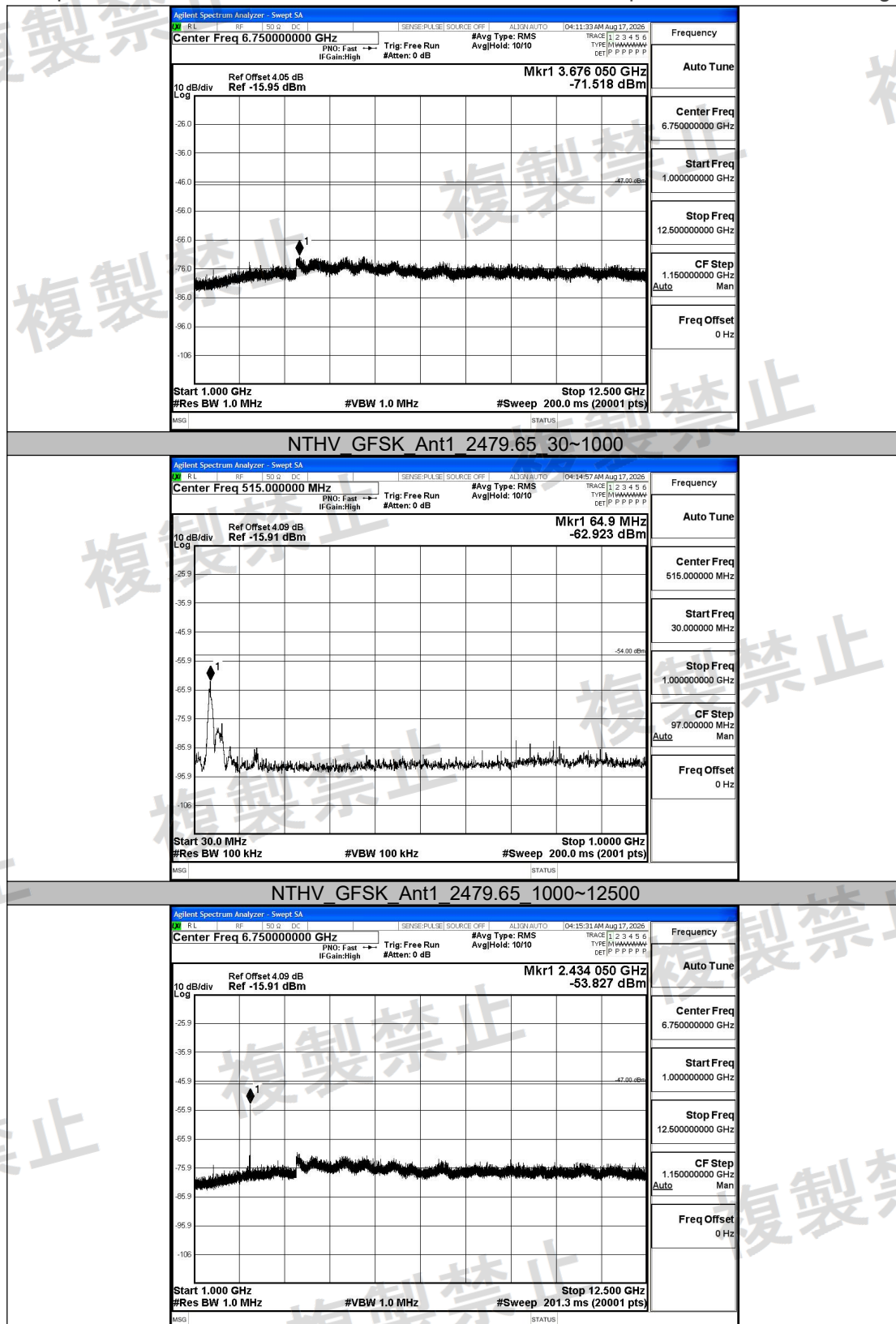






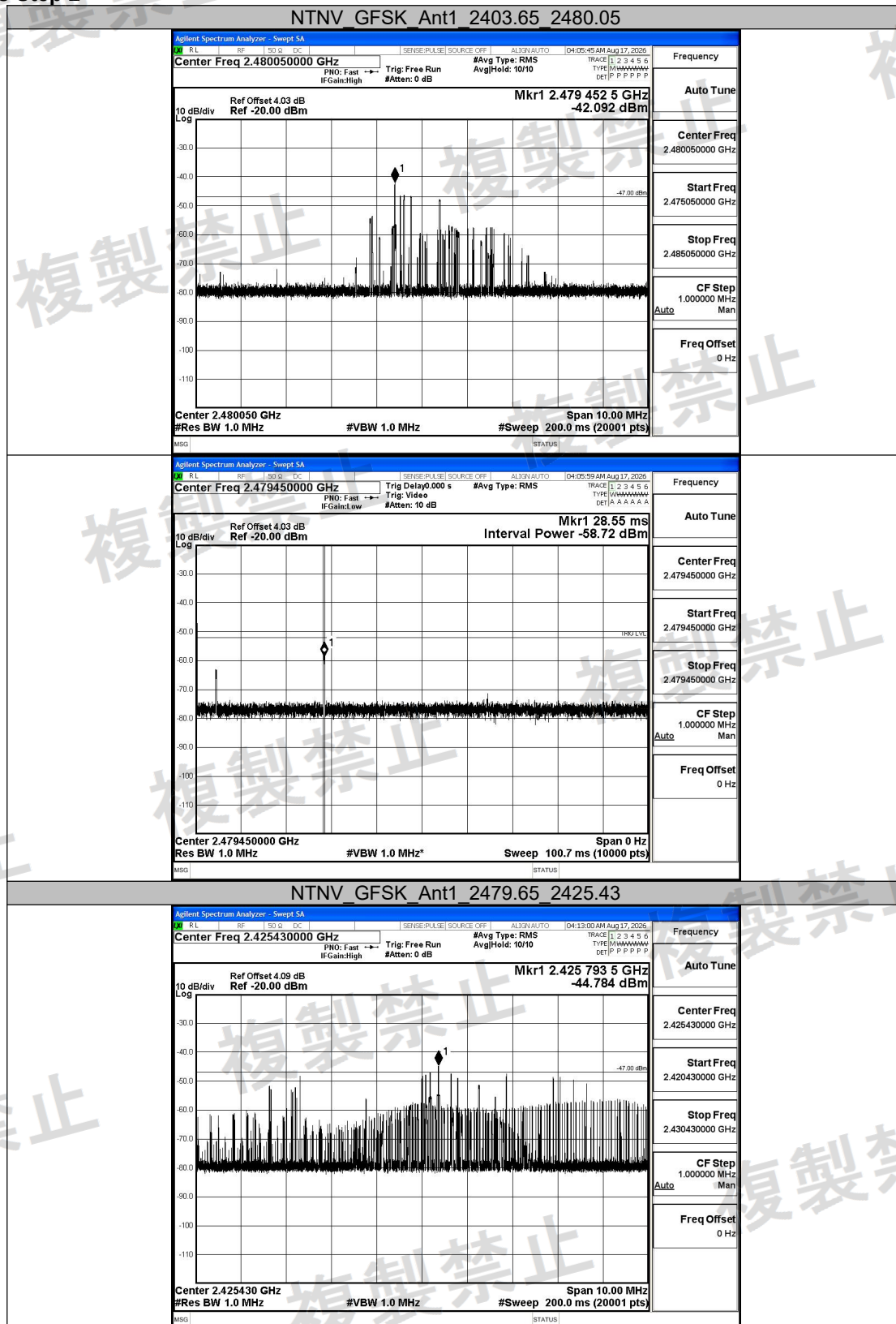


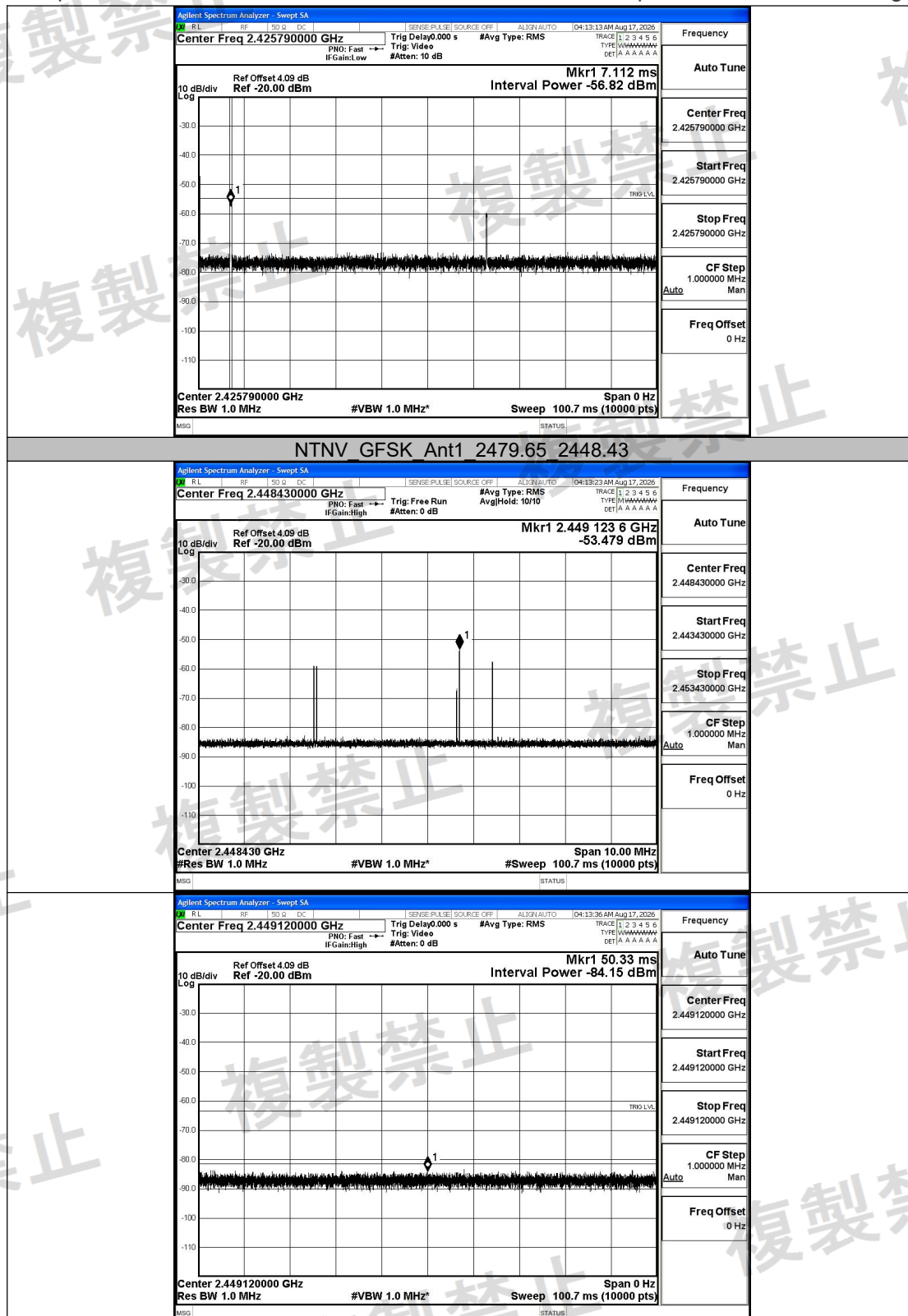






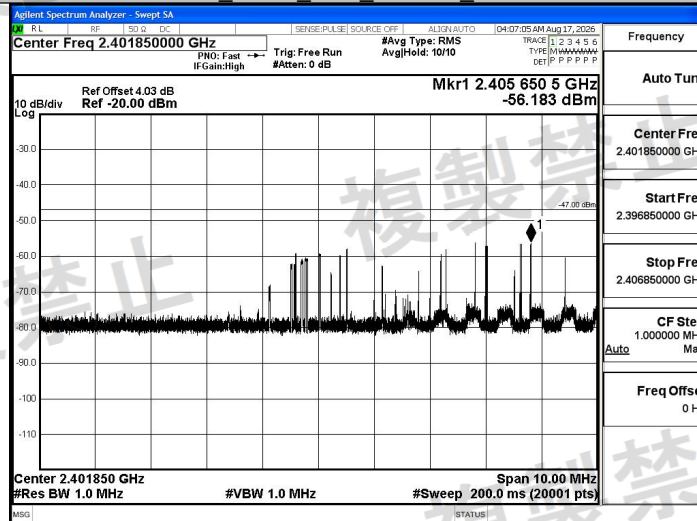
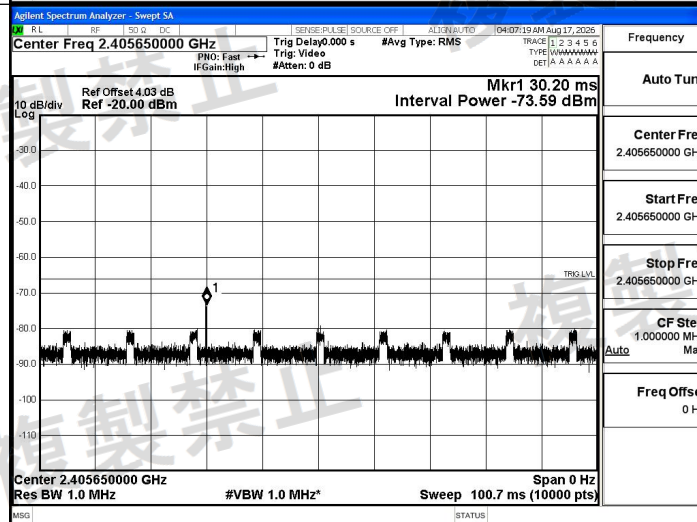
Test Graphs Step 2



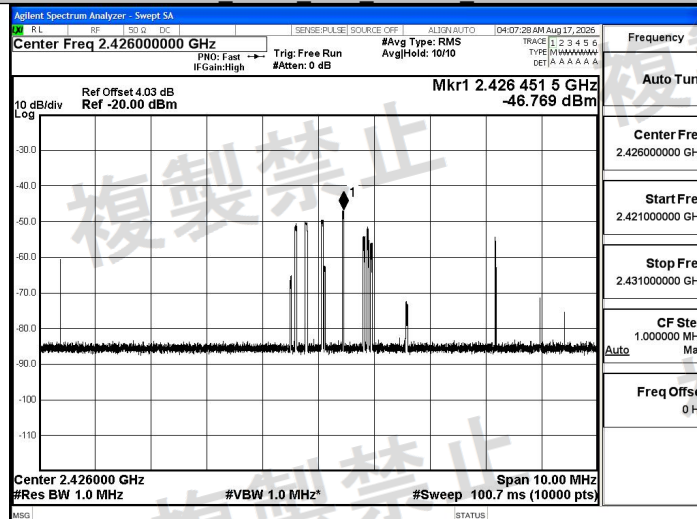


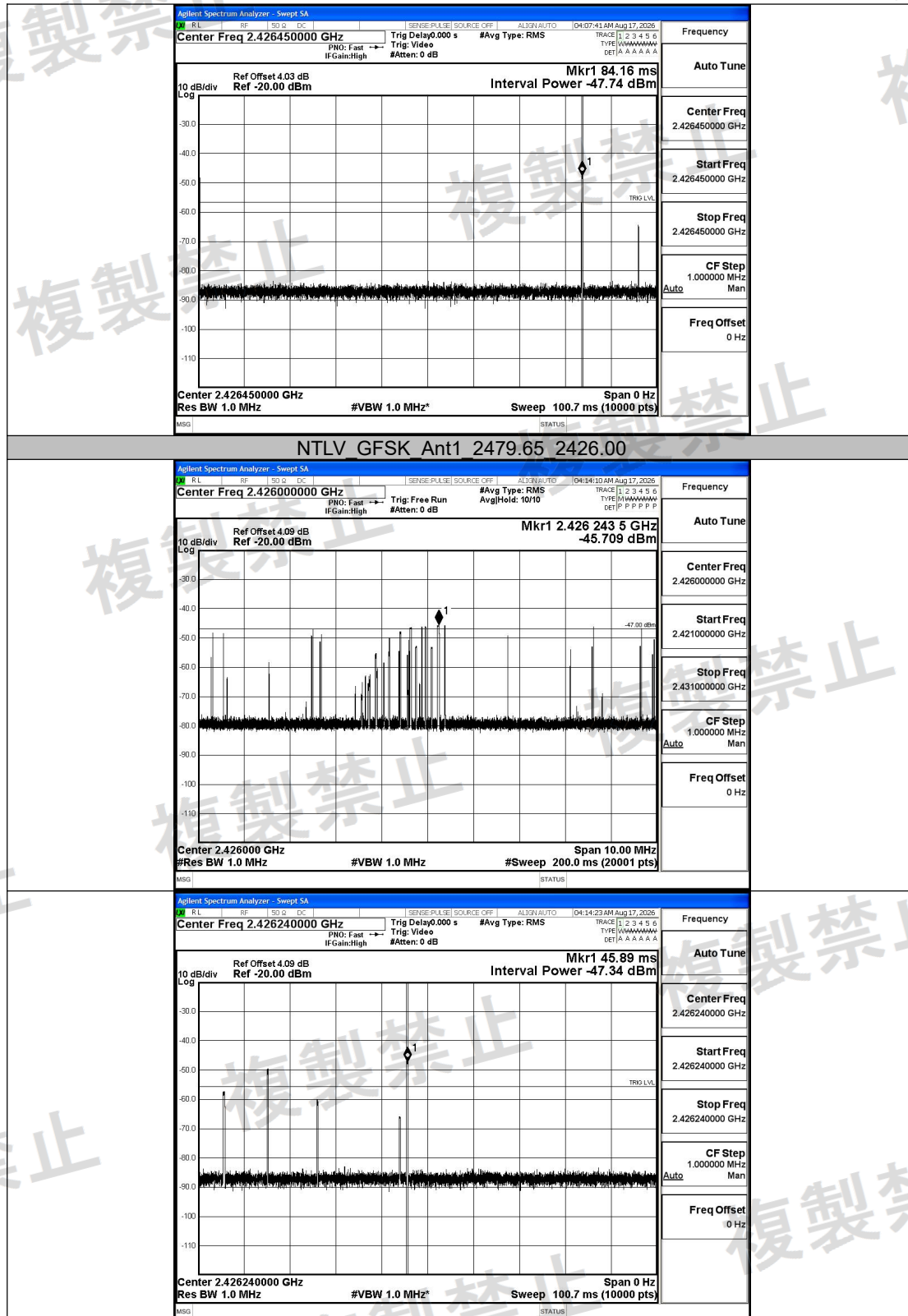


NTLV GFSK Ant1 2403.65 2401.85



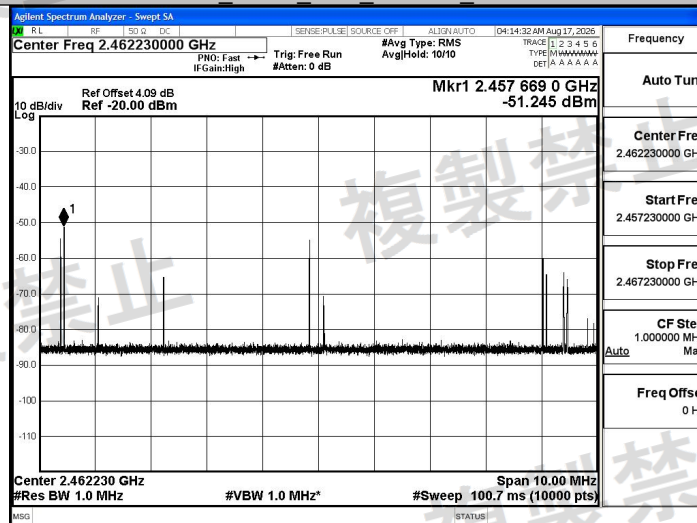
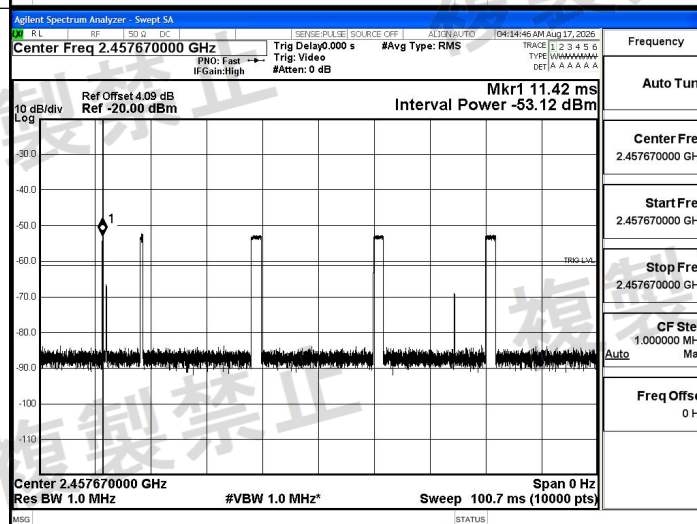
NTLV GFSK Ant1 2403.65 2426.00



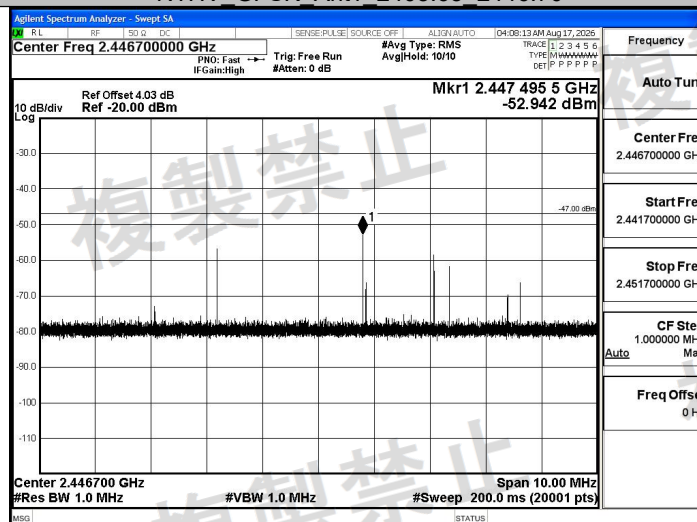


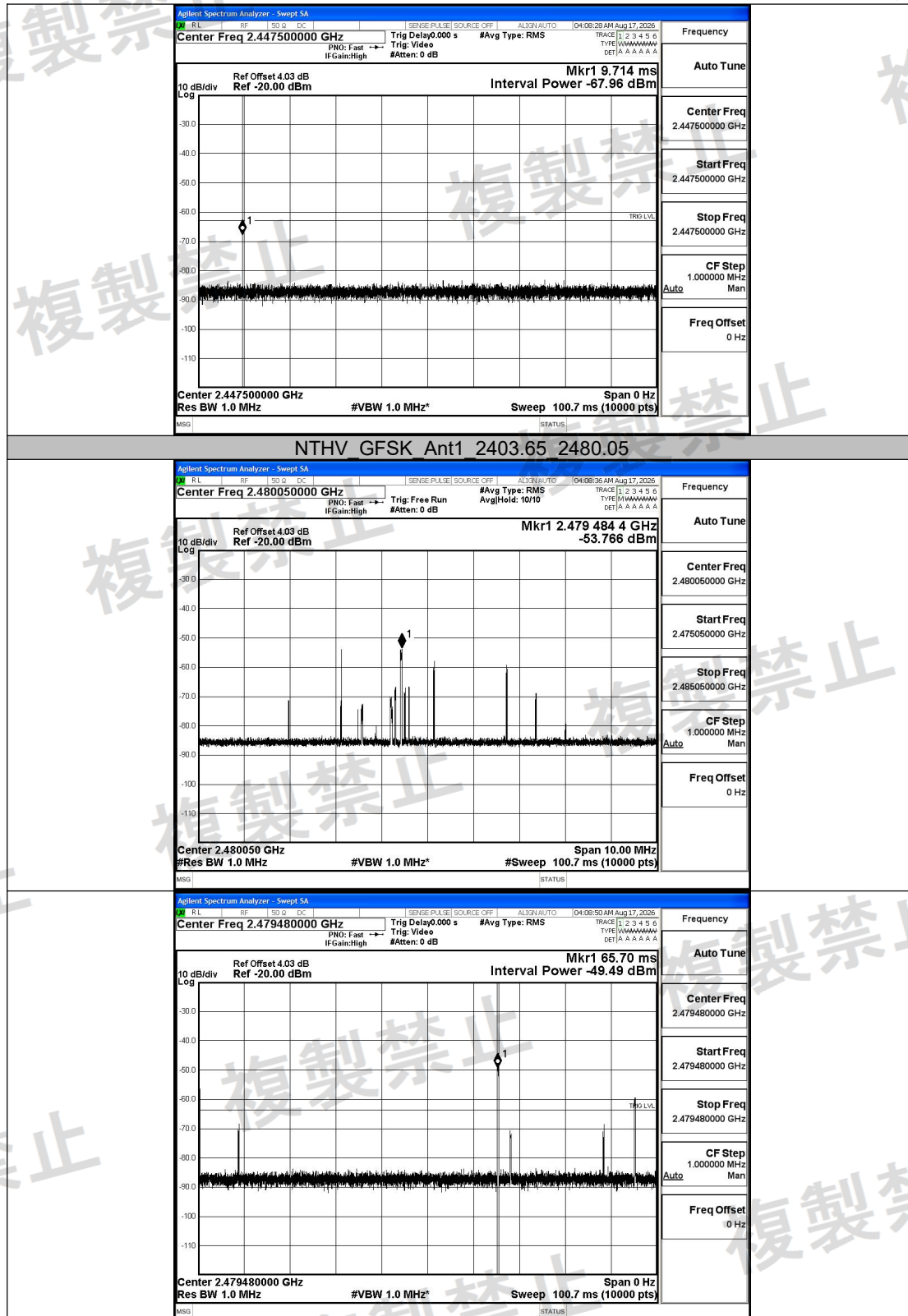


NTLV GFSK Ant1 2479.65 2462.23



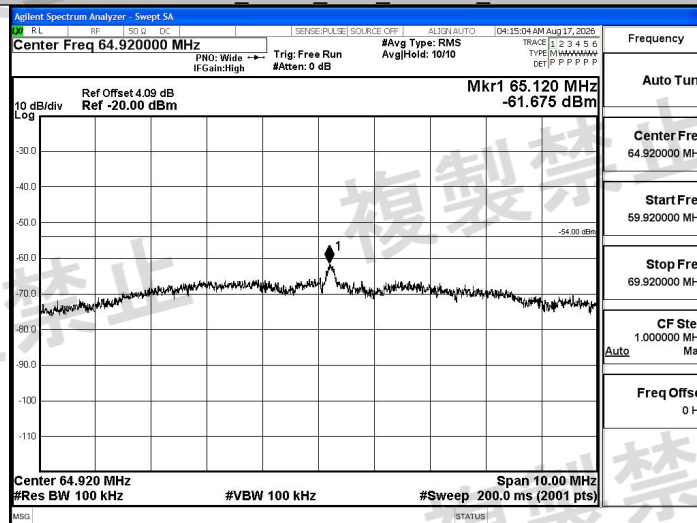
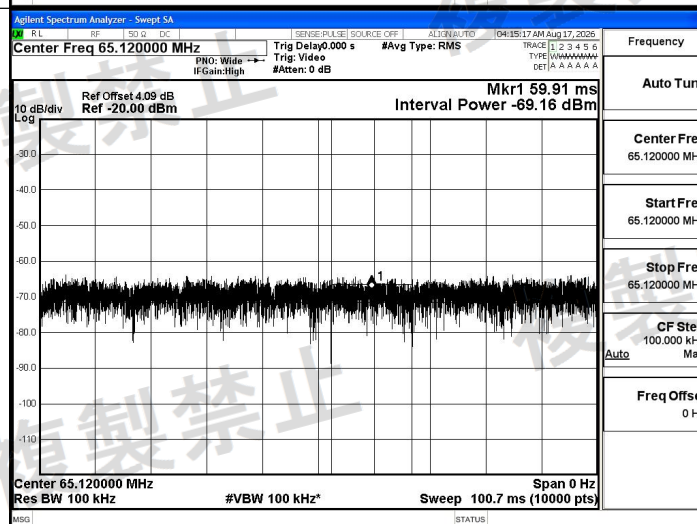
NTHV GFSK Ant1 2403.65 2446.70







NTHV GFSK Ant1 2479.65 64.92



NTHV GFSK Ant1 2479.65 2434.05

