



——沃德检测——

TEST REPORT

Applicant Name: FJ Dynamics Technology
(Fujian) Co., Ltd

Product Name: FJD Robotic Line Marker

Model: RLM01

Test Report Number: WD25041039RA1

Worldtest (GuangDong) Co., Ltd.

Room 102 and 201, Building 6, No.6, Gongye North Road, Songshan Lake(SSL), Dongguan,
Guangdong, China

Tel: 400 888 2955 & 0769-22891258
Email: service.vip@worldtest.cn

Fax: 0769-22891235
Web: www.worldtest.cn&www.worldtest.com.cn

Applicant Information

Company Name: FJ Dynamics Technology (Fujian) Co., Ltd.
Address: Room 305, Unit 5, Huajian Building, No. 12, 16, and 18, East Keji Road, Shangjie Town, Minhou County, Fuzhou City, Fujian Province, China

Manufacturer Information

Company Name: FJ Dynamics Technology (Fujian) Co., Ltd.
Address: Room 305, Unit 5, Huajian Building, No. 12, 16, and 18, East Keji Road, Shangjie Town, Minhou County, Fuzhou City, Fujian Province, China

EUT Information

EUT Name: FJD Robotic Line Marker
Model: RLM01
Brand: 
Sample Received Date: Apr.21, 2025
Sample Status: Normal
Sample ID: WD-YP250421001
Date of Tested: Apr.21, 2025 to May 20, 2025

Standard(s)

MIC Notice No.88 Appendix No.43
MIC Article 2-1 Item (19)

Issued By: Worldtest (GuangDong) Co., Ltd.
Address: Room 102 and 201, Building 6, No.6, Gongye North Road, Songshan Lake(SSL), Dongguan, Guangdong, China

Prepared by:


Cloud Qiu / June 06, 2025

Reviewer by:


Jay Liu / June 06, 2025

Approved by:


Lam Liu / June 06, 2025

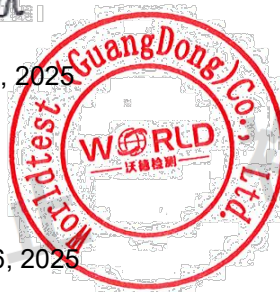


TABLE OF CONTENTS

RELEASE CONTROL RECORD	4
1. SUMMARY OF TEST RESULTS	5
1.1. TEST METHODOLOGY	6
1.2. TEST FACILITIES	6
1.3. MEASUREMENT UNCERTAINTY	6
1.4. TEST EQUIPMENT LIST AND DETAILS	7
2. GENERAL INFORMATION	8
2.1. GENERAL DESCRIPTION OF EUT	8
2.2. ANTENNA LIST	8
2.3. CHANNEL LIST	8
2.4. TEST CHANNEL CONFIGURATION	9
2.5. DESCRIPTION OF AVAILABLE ANTENNAS	9
2.6. THE WORSE CASE POWER SETTING PARAMETER	9
2.7. TEST CONDITIONS	9
2.8. DESCRIPTION OF TEST SETUP	10
2.9. TEST ENVIRONMEN	10
3. TEST PROCEDURES AND RESULTS	11
3.1. Frequency Tolerance	11
3.2. Antenna power, antenna power tolerance and E.I.R.P.	12
3.3. Occupied Bandwidth	13
3.4. Spread Bandwidth and Spreading Factor	14
3.5. Dwell Time	15
3.6. Transmitter Spurious Emissions	16
3.7. Receiver Spurious Emissions	17
3.8. Interference Preverntion fuction	18
Appendix A: Frequency Tolerance	19
Test Result	19
Test Graphs	20
Appendix B: Antenna power, antenna power tolerance and E.I.R.P.	24
Test Result	24
Appendix C: Occupied Bandwidth	28
Test Result	28
Appendix D: Spread Bandwidth and Spreading Factor	30
Test Result:	30
Appendix E: Transmitter Spurious Emissions	32
Test Result:	32
Appendix F: Receiver spurious emissions	45
Test Result:	45
Appendix G: Dwell Time	52
Test Result:	52
PHOTOS	59

RELEASE CONTROL RECORD

Issue No.	Description	Issued Date
WD25041039RA1	Original release.	June 06, 2025

1. SUMMARY OF TEST RESULTS

- ☒ No deviations from the test standards
☐ Deviations from the test standards as below description:

Technical requirements for Frequency Hopping equipment

Performed Test Item	Normative References	Test Performed
Antenna power, antenna power tolerance and E.I.R.P.	MIC Notice No. 88 Appendix No. 43 Clause 6	Yes
Occupied Bandwidth	MIC Notice No. 88 Appendix No. 43 Clause 4	Yes
Spreading Factor	MIC Notice No. 88 Appendix No. 43 Clause 4	Only for reported
Frequency Tolerance	MIC Notice No. 88 Appendix No. 43 Clause 3	Yes
Transmitter Spurious Emissions	MIC Notice No. 88 Appendix No. 43 Clause 5	Yes
Receiver Spurious Emissions	MIC Notice No. 88 Appendix No. 43 Clause 7	Yes
Dwell Time	MIC Notice No. 88 Appendix No. 43 Clause 13	Yes
Interference Prevention function	MIC Notice No. 88 Appendix No. 43 Clause 12	Good

1.1. TEST METHODOLOGY

All tests were performed in accordance with the procedures documented in MIC Notice No.88 Appendix No.43

1.2. TEST FACILITIES

No.	Product	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	lenovo	S14 G2 ITL	PF4119QS	Power by adapter
2	LAN cable	N/A	N/A	N/A	Unshielded,1m
3	SMA cable	N/A	N/A	N/A	Shielded,1m
4	Power cable	N/A	N/A	N/A	Unshielded,1.5m

1.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-7}$
RF Power Conducted	$\pm 1.15\text{dB}$
RF Power Radiated	$\pm 3.5\text{dB}$
Occupied Channel Bandwidth	$\pm 1.17\%$
Spurious Emissions, Conducted	$\pm 1.68\text{dB}$
Spurious Emissions, Radiated	$\pm 3.5\text{dB}$
Humidity	$\pm 1\%$
Temperature	$\pm 0.5^{\circ}\text{C}$
Time	$\pm 8\%$

1.4. TEST EQUIPMENT LIST AND DETAILS

RF Conducted Test System					
Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Interval
RF Control Unit	Tonscend	JS0806-2	23F80620689	2024.08.06	1 Year
DC Power Supply	Agilent	E3642A	MY40000323	2024.08.06	1 Year
MClean Robot Vector Signal Generator	Agilent	N5182A	MY50141372	2024.08.06	1 Year
MClean Robot Analog Signal Generator	Agilent	N5181A	MY47421166	2024.08.06	1 Year
Spectrum analyzer	Agilent	N9010A	MY50483285	2025.01.22	1 Year
Software					
Description	Manufacturer		Name		Version
Tonsend SRD Test System	Tonsend		JS1120-3 RF Test System		2.6.77.0518
Remark:					
(a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.					
(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No.51 of 1992).					
(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18paragraph(1).					
(d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (C)					
From JRL Article 24-2,paragraph 4,Item 2					

2. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF EUT

EUT Name	FJD Robotic Line Marker
Model Name	RLM01
Hardware Version	V1.0
Software Version	V1.0
Radio Technology	BT-EDR
Operation frequency	2400MHz—2483.5MHz
Modulation	GFSK, $\pi/4$ -DQPSK, 8DPSK
Antenna description	WiFi uses ANT 2 ; BT uses ANT 1

2.2. ANTENNA LIST

Model No.	N/A								
Antenna manufacturer	N/A								
Antenna Delivery	☐	1*TX+1*RX		☐	2*TX+2*RX		☐	3*TX+3*RX	
Antenna technology	☒	SISO							
	☐	MIMO	☒	Basic					
			☐	CDD					
			☐	Beam-forming					
Antenna Type	☐	External	☐	Patch					
	☒	Internal	☒	FPC					
			☐	PCB					
			☐	Ceramic Chip Antenna					
			☐	Metal plate type F antenna					
			☐	stamping antenna					
Antenna Gain Reference	2.48dBi								

2.3. CHANNEL LIST

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
00	2402 MHz	01	2403 MHz	02	2404 MHz	03	2405 MHz
04	2406 MHz	05	2407 MHz	06	2408 MHz	07	2409 MHz
08	2410 MHz	09	2411 MHz	10	2412 MHz	11	2413 MHz
12	2414 MHz	13	2415 MHz	14	2416 MHz	15	2417 MHz
16	2418 MHz	17	2419 MHz	18	2420 MHz	19	2421 MHz
20	2422 MHz	21	2423 MHz	22	2424 MHz	23	2425 MHz
24	2426 MHz	25	2427 MHz	26	2428 MHz	27	2429 MHz
28	2430 MHz	29	2431 MHz	30	2432 MHz	31	2433 MHz
32	2434 MHz	33	2435 MHz	34	2436 MHz	35	2437 MHz

36	2438 MHz	37	2439 MHz	38	2440 MHz	39	2441 MHz
40	2442 MHz	41	2443 MHz	42	2444 MHz	43	2445 MHz
44	2446 MHz	45	2447 MHz	46	2448 MHz	47	2449 MHz
48	2450 MHz	49	2451 MHz	50	2452 MHz	51	2453 MHz
52	2454 MHz	53	2455 MHz	54	2456 MHz	55	2457 MHz
56	2458 MHz	57	2459 MHz	58	2460 MHz	59	2461 MHz
60	2462 MHz	61	2463 MHz	62	2464 MHz	63	2465 MHz
64	2466 MHz	65	2467 MHz	66	2468 MHz	67	2469 MHz
68	2470 MHz	69	2471 MHz	70	2472 MHz	71	2473 MHz
72	2474 MHz	73	2475 MHz	74	2476 MHz	75	2477 MHz
76	2478 MHz	77	2479 MHz	78	2480 MHz	N/A	N/A

2.4. TEST CHANNEL CONFIGURATION

Test Channel Number	Frequency
CH 00(Low Channel), CH 39(MID Channel), CH 78(High Channel)	2402 MHz, 2441 MHz, 2480 MHz

2.5. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	Maximum Antenna Gain (dBi)	Tx Beamforming Gain (dBi)
ANT 1	2400 ~ 2483.5	FPC Antenna	2.48dBi	

Transmit and Receive Mode	Description
1TX, 1RX	Separate individual antenna can be used as transmitting/receiving.

Note: The value of the antenna gain was declared by customer.

2.6. THE WORSE CASE POWER SETTING PARAMETER

BT-EDR:DH5,2DH5,3DH5

2.7. TEST CONDITIONS

The WIFI module was tested while in a continuous transmitter/receiver mode.

The eut was tuned to a low,middle and high channel for all tests.For all test case pre/scans were completed in all modes to determine worst case levels.

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input DC Power	DC 58.8V	64.68V	52.92V
RF Chip measuring voltage	3.30V	3.29V	3.30V

When EUT be operated at $\pm 10\%$ from the normal supply voltage,the supply voltage of RF part was varied within $\pm 1\%$.All test cases were done under the normal supply voltage.

2.8. DESCRIPTION OF TEST SETUP

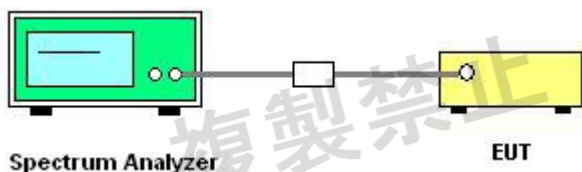
SUPPORT EQUIPMENT

Follow up the claims of the applicant

TEST SETUP

The EUT can work in engineering mode during the testing.

SETUP DIAGRAM FOR TESTS



2.9. TEST ENVIRONMEN

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	56
Barometric pressure (mbar)	860-1060	1001

3. TEST PROCEDURES AND RESULTS

3.1. FREQUENCY TOLERANCE

LIMITS

$\cong \pm 50$ ppm

TEST PROCEDURE

1. Frequency accuracy of instrument shall be less than 10% of limits tolerance (5ppm).
2. Three testing methods
 - a.Measure frequency tolerance by the system simulator.
 - b.CW Tone method
Setting of SA is following as: RBW:10kHz / VBW:10kHz.
Maker Max. level to get measuring frequency f.
 - c.10dB down method
Setting of SA is following as: RBW:100kHz / VBW: 100kHz / Trace: MaxHold
Display line Level = Max. level – 10dB to place two markers, highest(fH) and lowest(fL) frequency
Determine measuring frequency $f = (fH+fL)/2$
3. The frequency tolerance test case is directly measured using the frequency accuracy function of Wifi tester or spectrum analyzer. Then the frequency error formula is $(f-fc)/fc \times 10^{-6}$ ppm and the limit is less than ± 50 ppm.

RESULTS

Please refer to appendix A.

3.2. ANTENNA POWER, ANTENNA POWER TOLERANCE AND E.I.R.P.

LIMITS

Output Power must be 3 mW/MHz or less.

Output Power Tolerance: +20%.

Output Power E.I.R.P is less than or equal to 6.91dBm/MHz.

TEST PROCEDURE

1. Use power meter measure The total hopping power at DH5,2DH5,3DH5 mode.
2. Use spectrum analyser measure the spread bandwidth
3. The antenna power=Average Burst Power (W) /Spread Bandwidth(MHz).

RESULTS

Please refer to appendix B

3.3. OCCUPIED BANDWIDTH

LIMIT

≤26 MHz for DSSS&OFDM, ≤83.5 MHz for FHSS

TEST PROCEDURE

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

1. A positive peak detector function must be used.
2. A measurement instrument with an integrated 99% power bandwidth function may be used to automate the test process.
3. The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
4. 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

Spectrum Analyzer Conditions:

RBW : 1MHz

VBW : 1MkHz

Span: 200MHz

Sweep time : Auto, Marker : Marker Off

Log scale : 10dB/Div,

Data points : 1001points or more

Detection : Sample, Sweep mode : Continuous

Measurement Procedure and Capture Image

A,B -> Storage -> Average -> Averaging count -> 100 -> enter
Measure -> more -> Occupied Bandwidth -> N% Ratio -> 99%

RESULTS

Please refer to appendix C.

3.4. SPREAD BANDWIDTH AND SPREADING FACTOR

LIMIT

/

TEST PROCEDURE

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

1.A positive peak detector function must be used.

2.A measurement instrument with an integrated 90% power bandwidth function may be used to automate the test process.

3.The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.

4.'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

RESULTS

Please refer to appendix D.

3.5. DWELL TIME

LIMITS

0.4 sec or less

TEST PROCEDURE

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

1. A positive peak detector function must be used.
2. The center frequency is set to the test frequency and the span is switched to zero.
3. The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
4. 'Single sweep' mode may be used to capture a packet over a single scan.

RESULTS

Please refer to appendix G

3.6. TRANSMITTER SPURIOUS EMISSIONS

LIMITS

$\leq 2.5\mu\text{W}/\text{MHz}$ or less for 30 – 2387 MHz
 $\leq 25\mu\text{W}/\text{MHz}$ or less for 2387 – 2400 MHz
 $\leq 25\mu\text{W}/\text{MHz}$ or less for 2483.5 – 2496.5 MHz
 $\leq 2.5\mu\text{W}/\text{MHz}$ or less for 2496.5 – 12500 MHz

TEST PROCEDURE

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

1. A positive peak detector function must be used.
2. The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
3. 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

Spectrum Analyzer Conditions:

RBW : 1MHz

VBW : 1MHz

Sweep time : Auto

Trace mode:Max hold

Log scale : 10dB/Div,

Data points : 8001points or more

Detection : Peak, Sweep mode : Continuous

RESULTS

Please refer to appendix E

3.7. RECEIVER SPURIOUS EMISSIONS

LIMITS

$\leq 4\text{nW}$ for 30 – 1000 MHz
 $\leq 20\text{nW}$ for 1000 – 12750 MHz

TEST PROCEDURE

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

1. A positive peak detector function must be used.
2. The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
3. 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

Spectrum Analyzer Conditions:

RBW : 100kHz(Below 1000MHz)/1MHz(Above 1000MHz)

RBW=VBW

Sweep time : Auto

Trace mode:Max hold

Log scale : 10dB/Div,

Data points : 8001points or more

Detection : Peak, Sweep mode : Continuous

RESULTS

Please refer to appendix F.

3.8 INTERFERENCE PREVENTION FUNCTION

LIMITS

N/A

Requirement:

The EUT shall have the interference prevention capability to transmit or to receive the identification Automatically, so that sender and receiver shall exclude other equipment.

TEST PROCEDURE

In the case that the EUT has the function of automatically transmitting the identification code:

- 1) Transmit the predetermined identification codes from EUT
- 2) Check the transmitted identification codes with the demodulator.

In the case of receiving the identification codes:

- 1) Transmit the predetermined identification codes from the counterpart.
- 2) Check if communication is normal
- 3) Transmit the signal other than predetermined ID codes from the counterpart.
- 4) Check if the EUT stops the transmission, or if it displays that identification codes are different from the predetermined ones

RESULTS

Good, EUT performed relevant functional tests as required, and the product signal was normal.

MAC: 4D:2D:3A:34:FE:D5

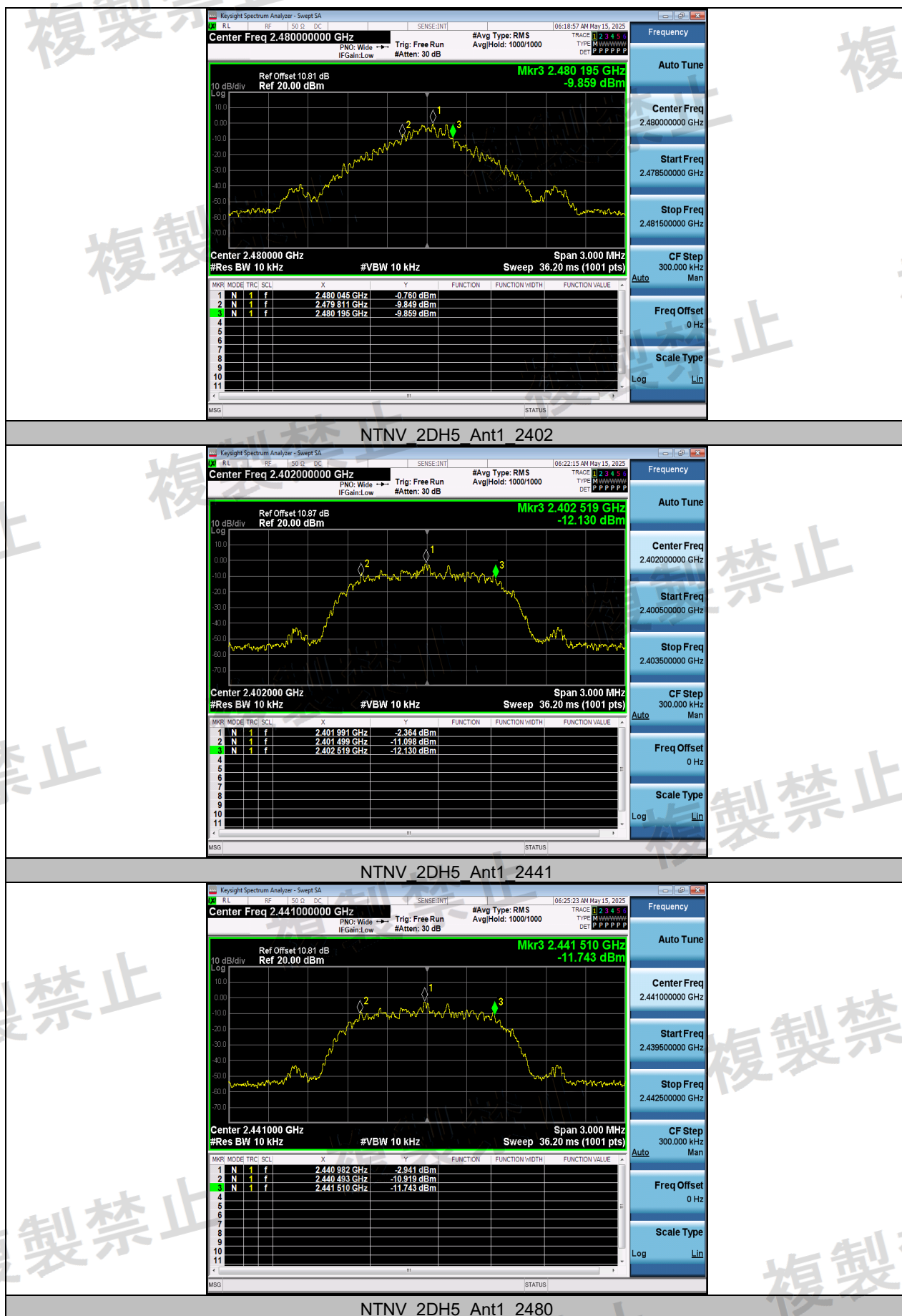
Appendix A: Frequency Tolerance

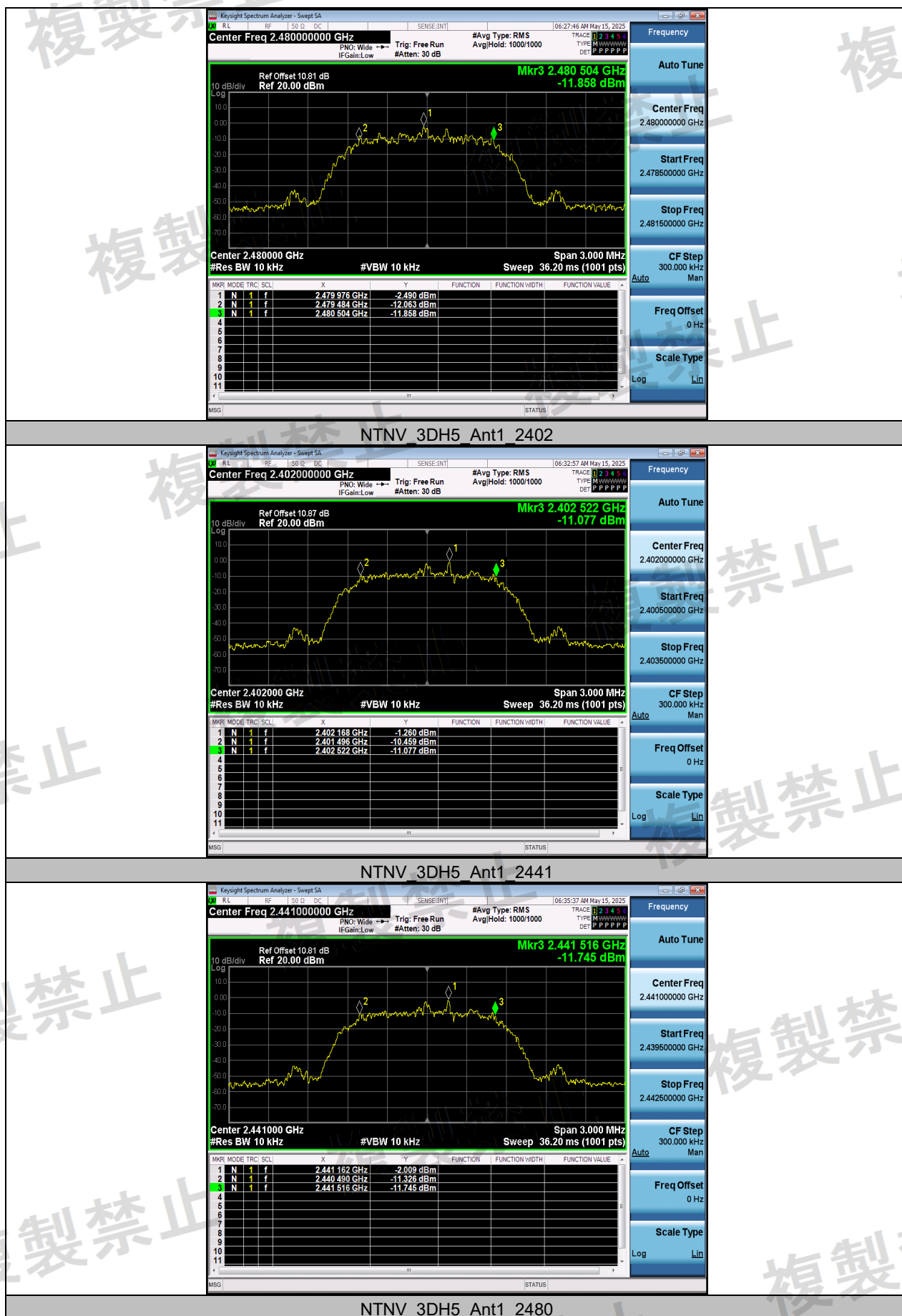
Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	DH5	Ant1	2402	7.49376	±50	PASS
			2441	4.91602	±50	PASS
			2480	1.20968	±50	PASS
	2DH5	Ant1	2402	3.74688	±50	PASS
			2441	0.61450	±50	PASS
			2480	-2.41936	±50	PASS
	3DH5	Ant1	2402	3.74688	±50	PASS
			2441	1.22901	±50	PASS
			2480	-1.20968	±50	PASS

Test Graphs









Appendix B: Antenna power, antenna power tolerance and E.I.R.P.

Test Result

Antenna Power									
Test Condition	Test Mode	Antenna	Freq (MHz)	Result (dBm)	Result (mW)	Spread bandwidth [MHz]	Power (mW/MHz)	Limit (mw/MHz)	Verdict
NTNV	DH5	Ant1	Hop	2.79	1.9011	71.547	0.0272	≤3	PASS
	2DH5		Hop	2.56	1.8030	71.844	0.0259	≤3	PASS
	3DH5		Hop	3.34	2.1577	71.825	0.0309	≤3	PASS

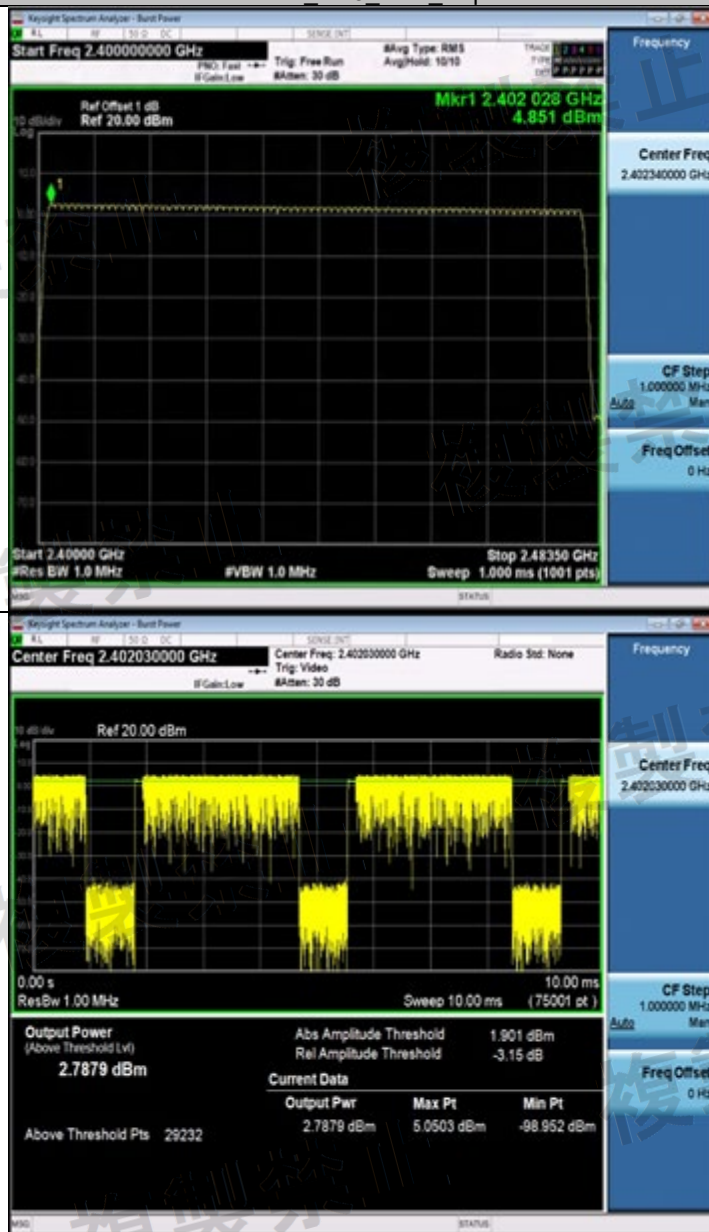
Tolerance								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mw/MHz)	Rated Power (mw/MHz)	Result (%)	Limit (%)	Verdict
NTNV	DH5	Ant1	Hop	0.0272	1.50	-98.19%	+20	PASS
	2DH5		Hop	0.0259	1.50	-98.27%	+20	PASS
	3DH5		Hop	0.0309	1.50	-97.94%	+20	PASS

EIRP								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (dBm/MHz)	Antenna gain (dBi)	EIRP (dBm/MHz)	Limit (dBm/MHz)	Verdict
NTNV	DH5	Ant1	Hop	-15.65	2.48	-13.17	≤6.91	PASS
	2DH5		Hop	-15.87	2.48	-13.39	≤6.91	PASS
	3DH5		Hop	-15.10	2.48	-12.62	≤6.91	PASS

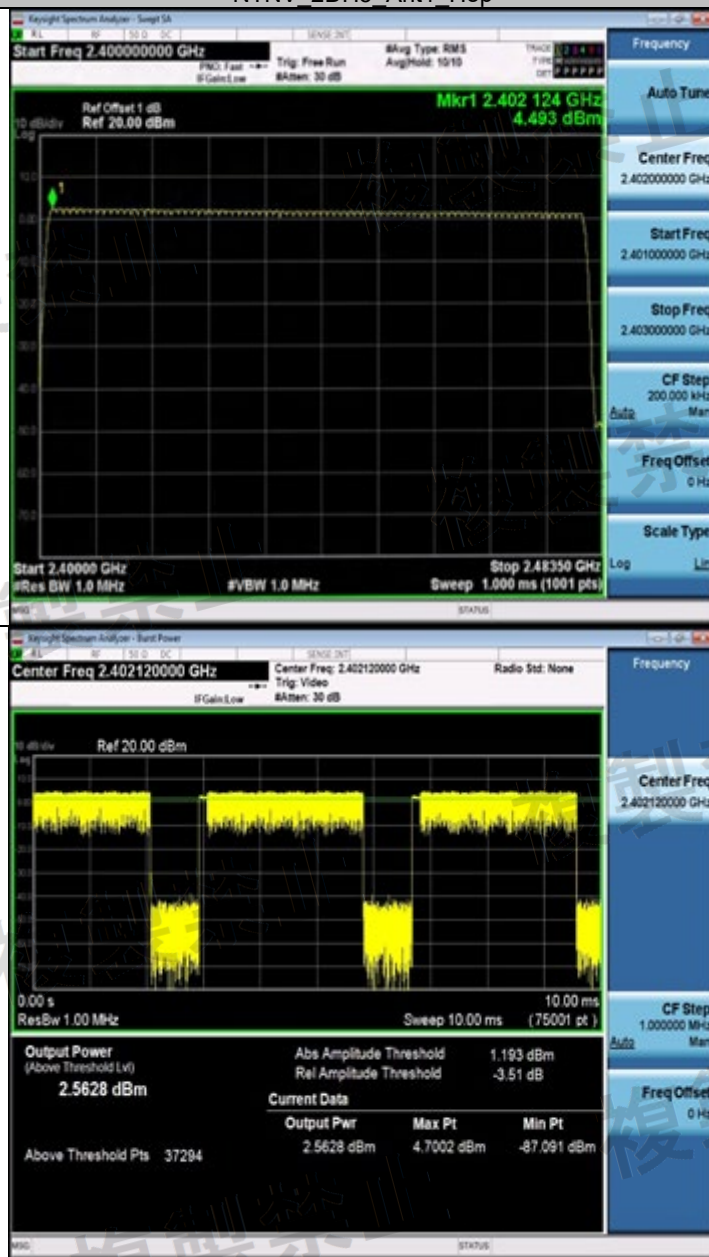
Remark:

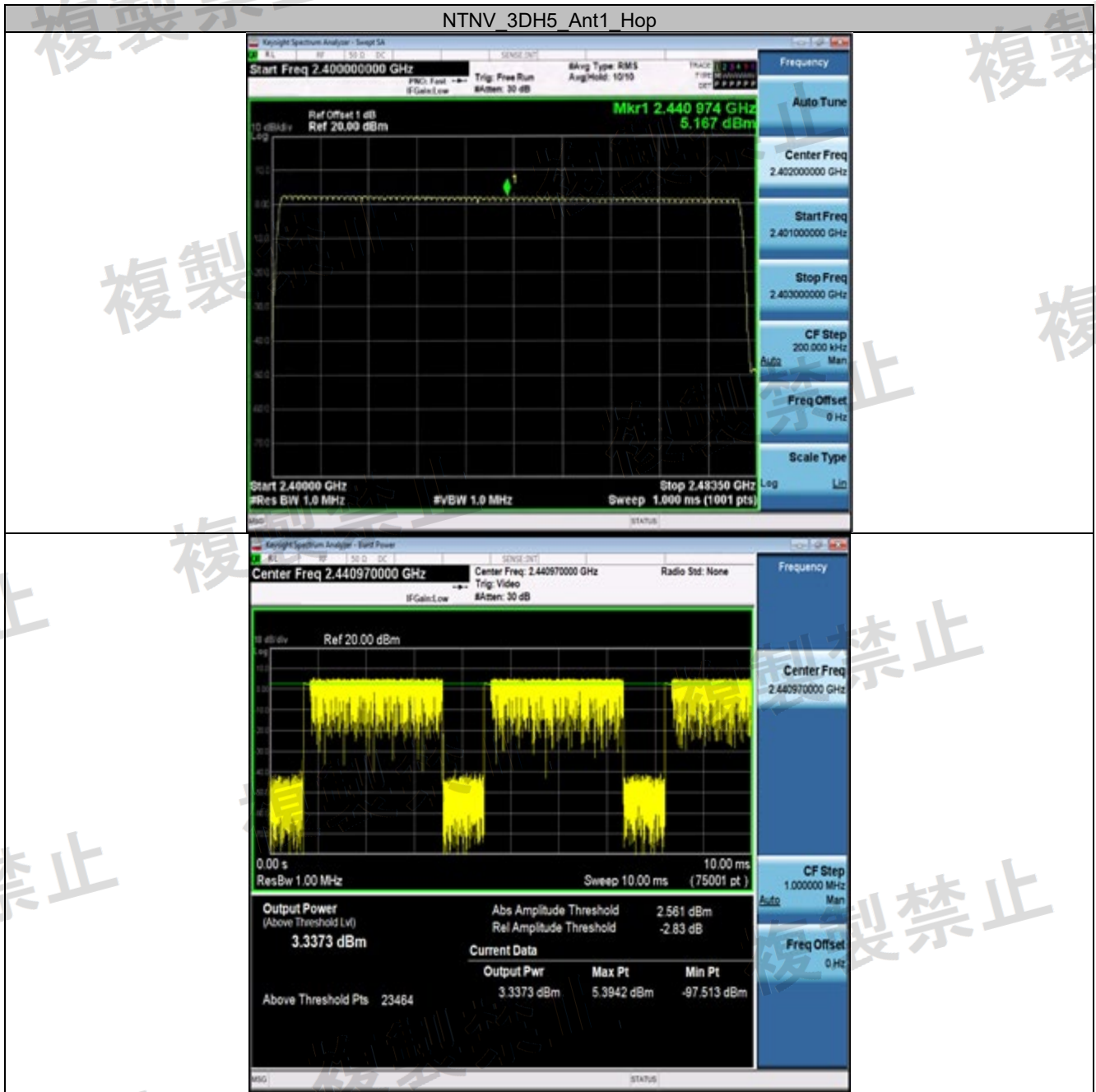
1.EIRP= Antenna Power +Antenna Gain.

NTNV_DH5_Ant1_Hop



NTNV_2DH5_Ant1_Hop



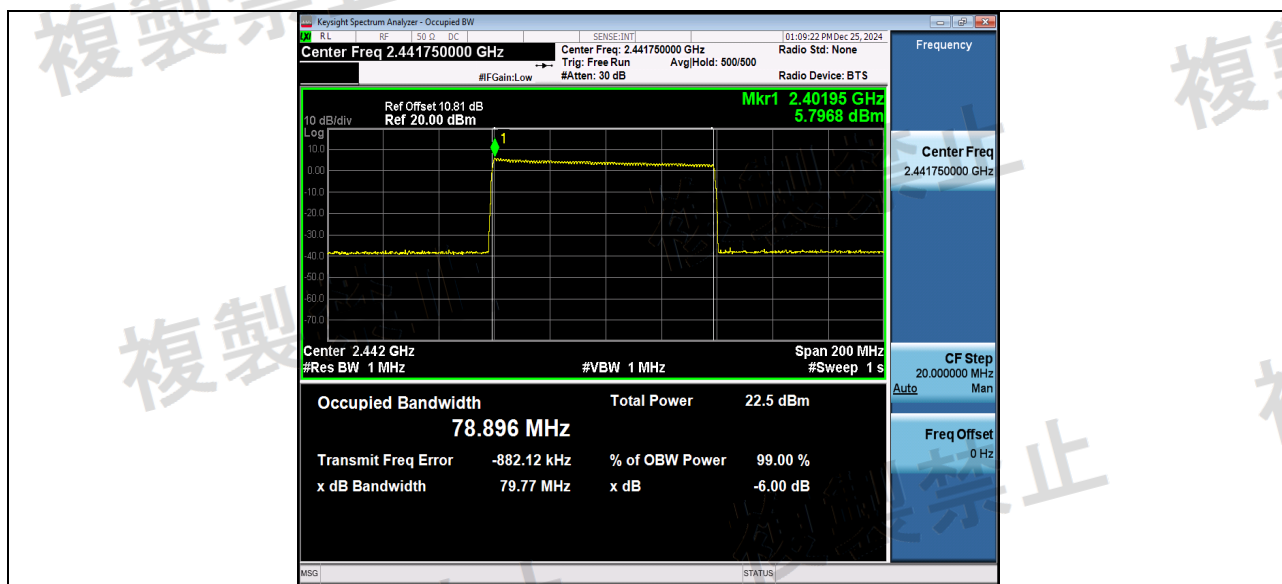


Appendix C: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.750	≤83.5	PASS
	2DH5	Ant1	Hop	78.874	≤83.5	PASS
	3DH5	Ant1	Hop	78.896	≤83.5	PASS



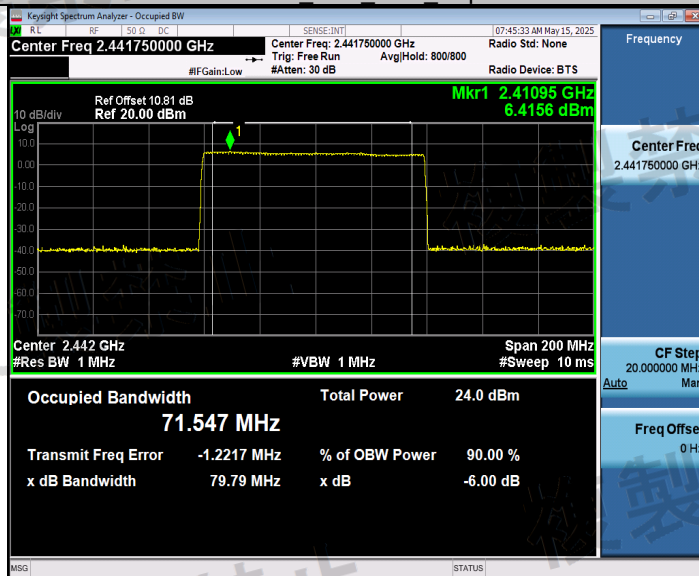


Appendix D: Spread Bandwidth and Spreading Factor

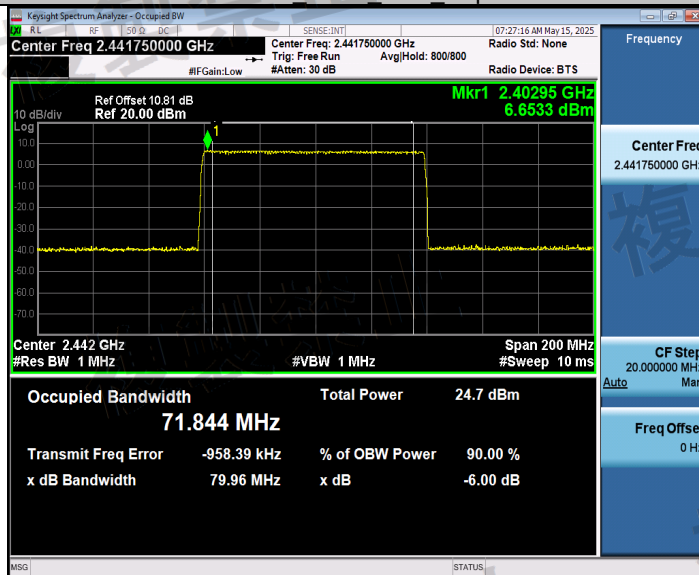
Test Result:

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	SpreadFactor	Verdict
NTNV	DH5	Ant1	Hop	71.547	71.547	PASS
	2DH5	Ant1	Hop	71.844	71.844	PASS
	3DH5	Ant1	Hop	71.825	71.825	PASS

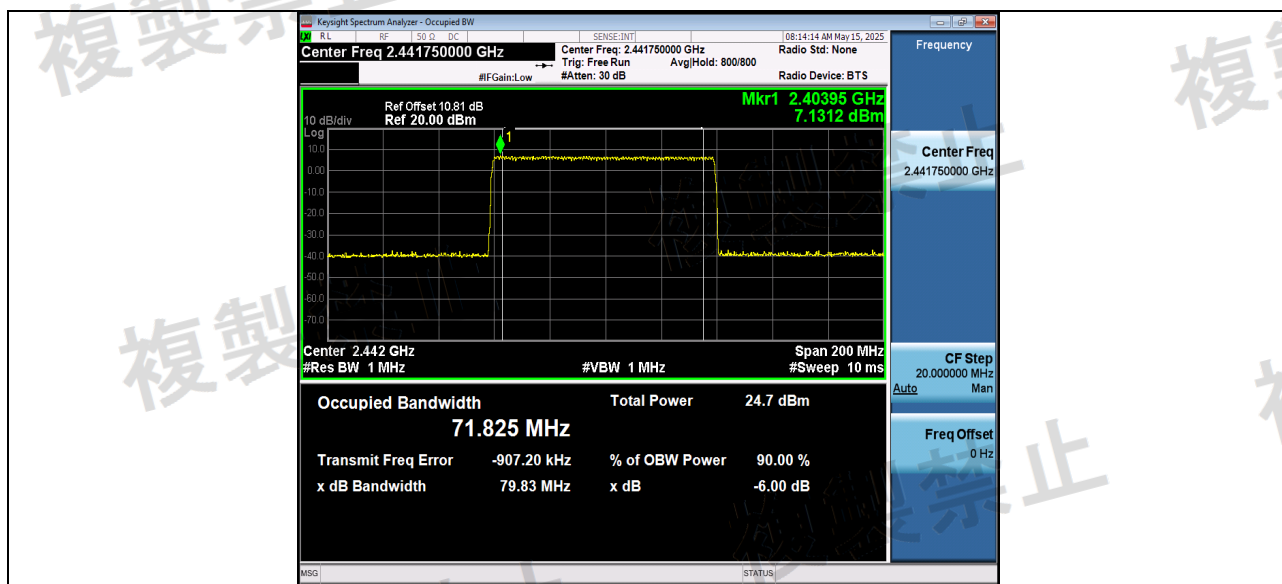
NTNV_DH5_Ant1_Hop



NTNV_2DH5_Ant1_Hop



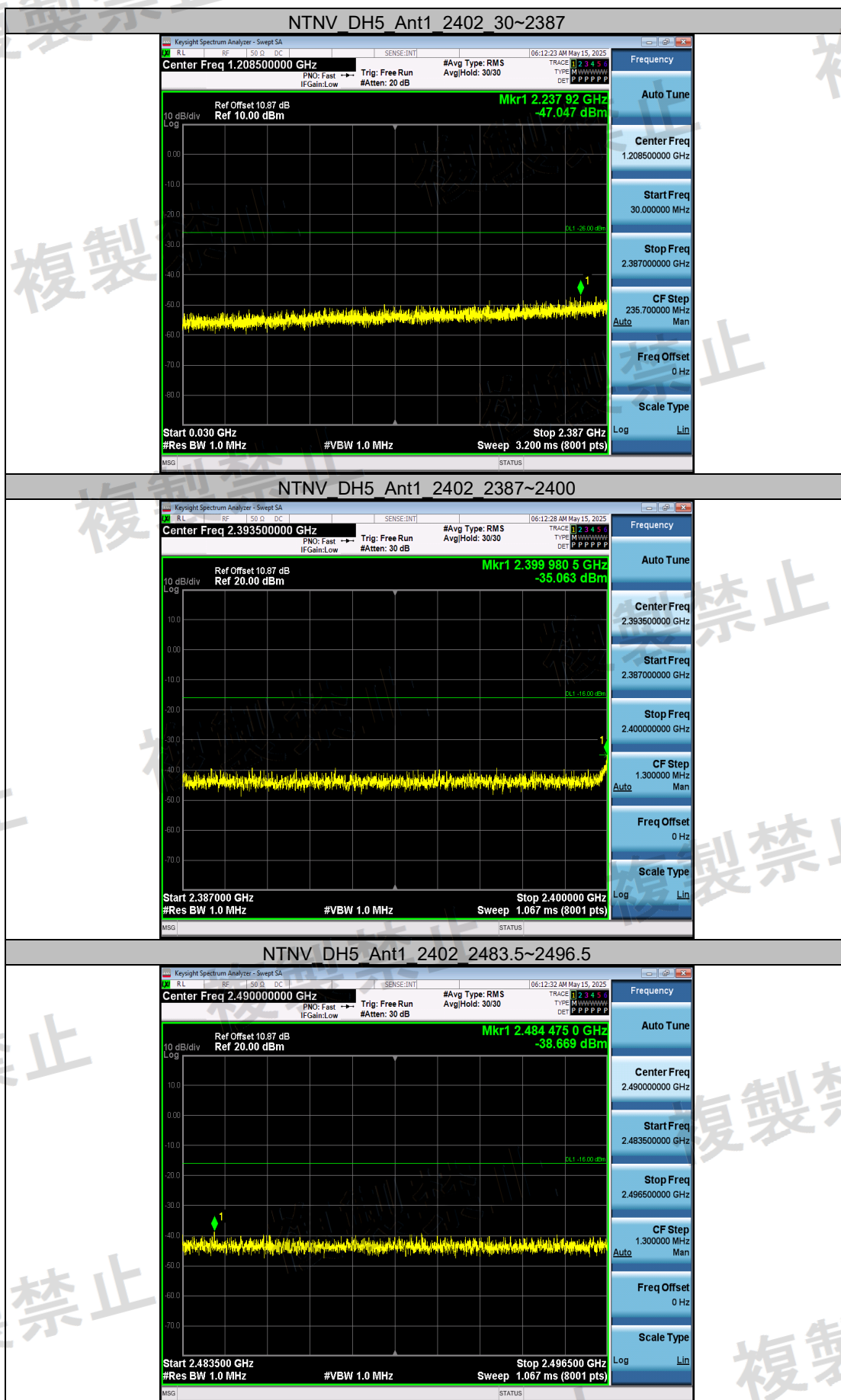
NTNV_3DH5_Ant1_Hop

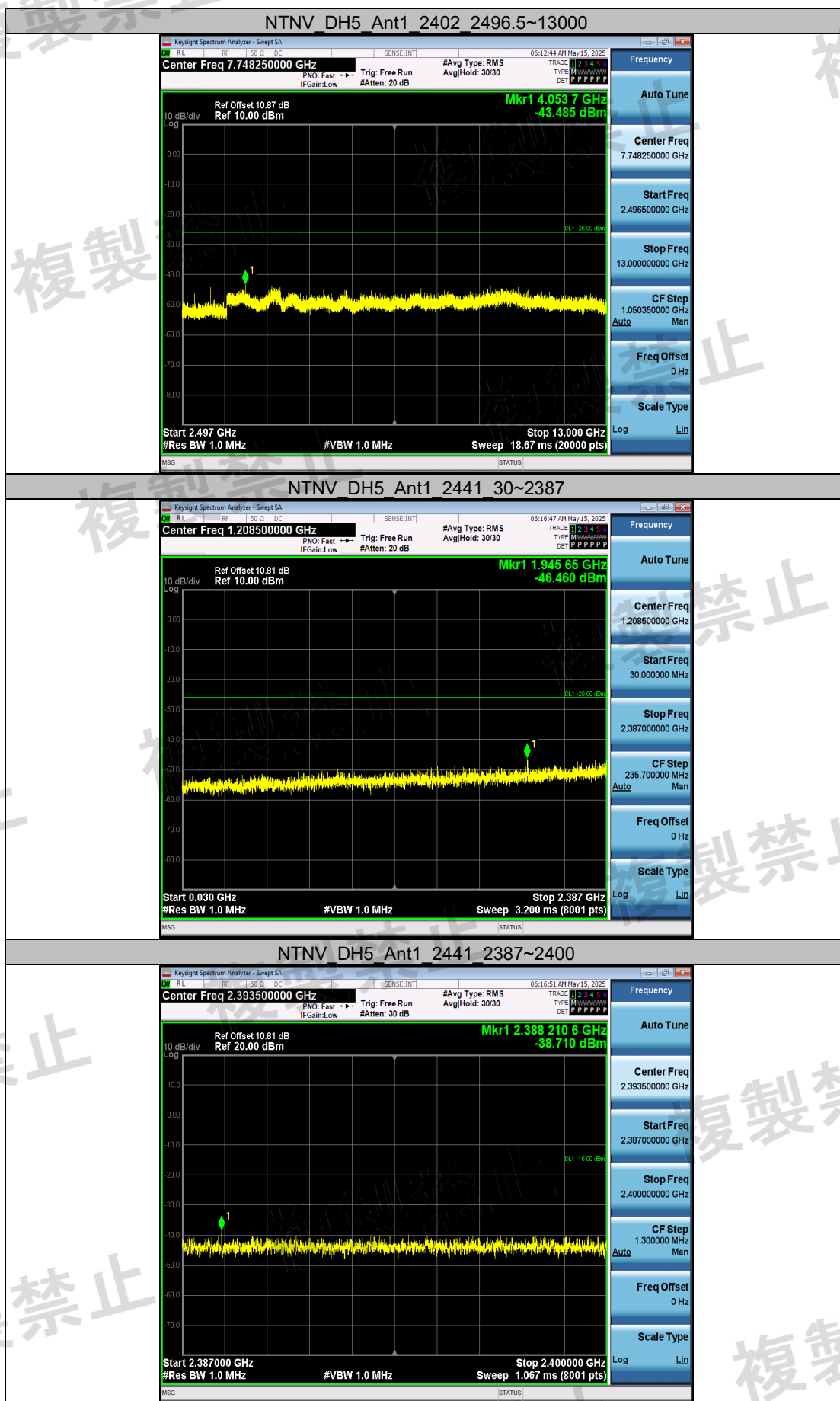


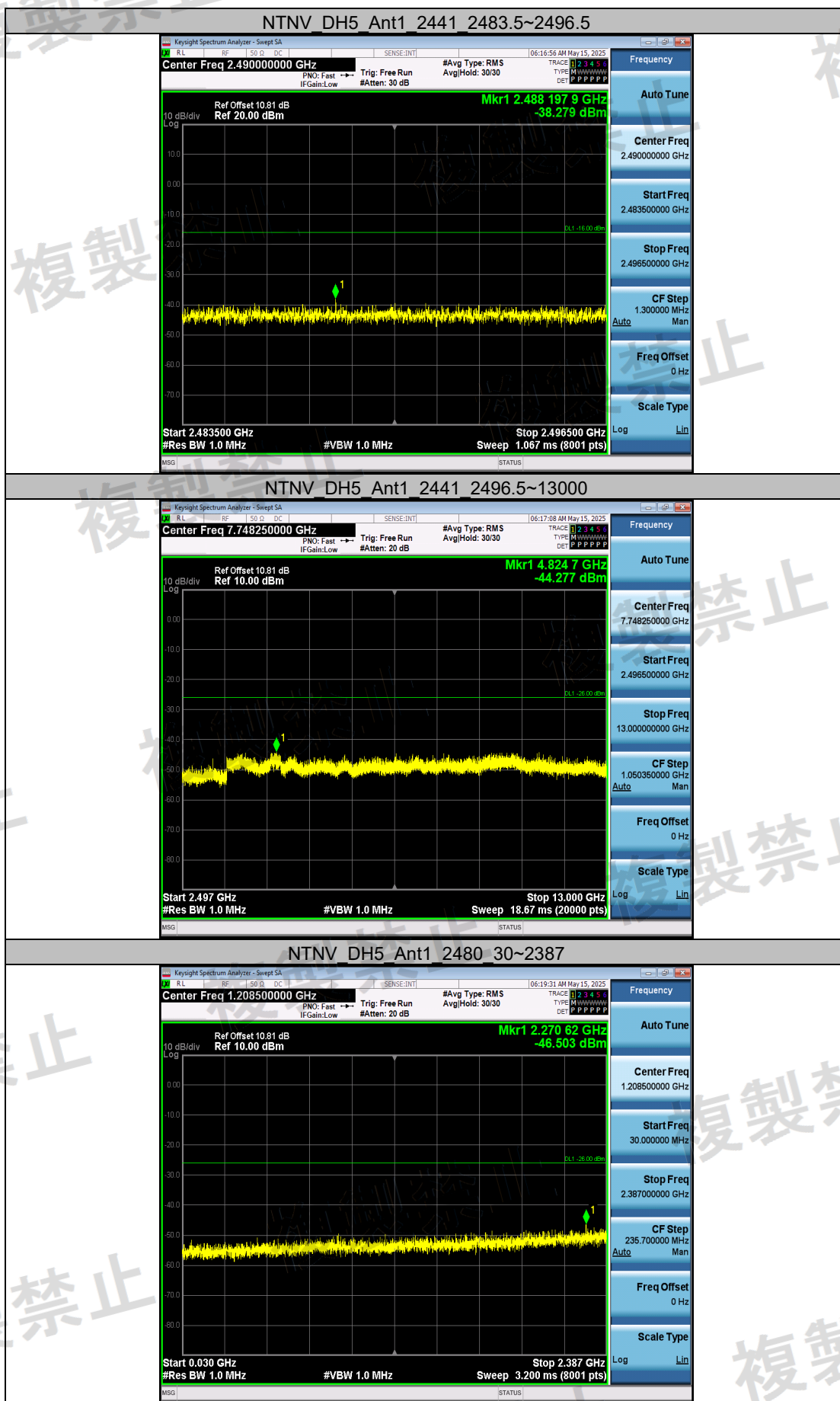
Appendix E: Transmitter Spurious Emissions

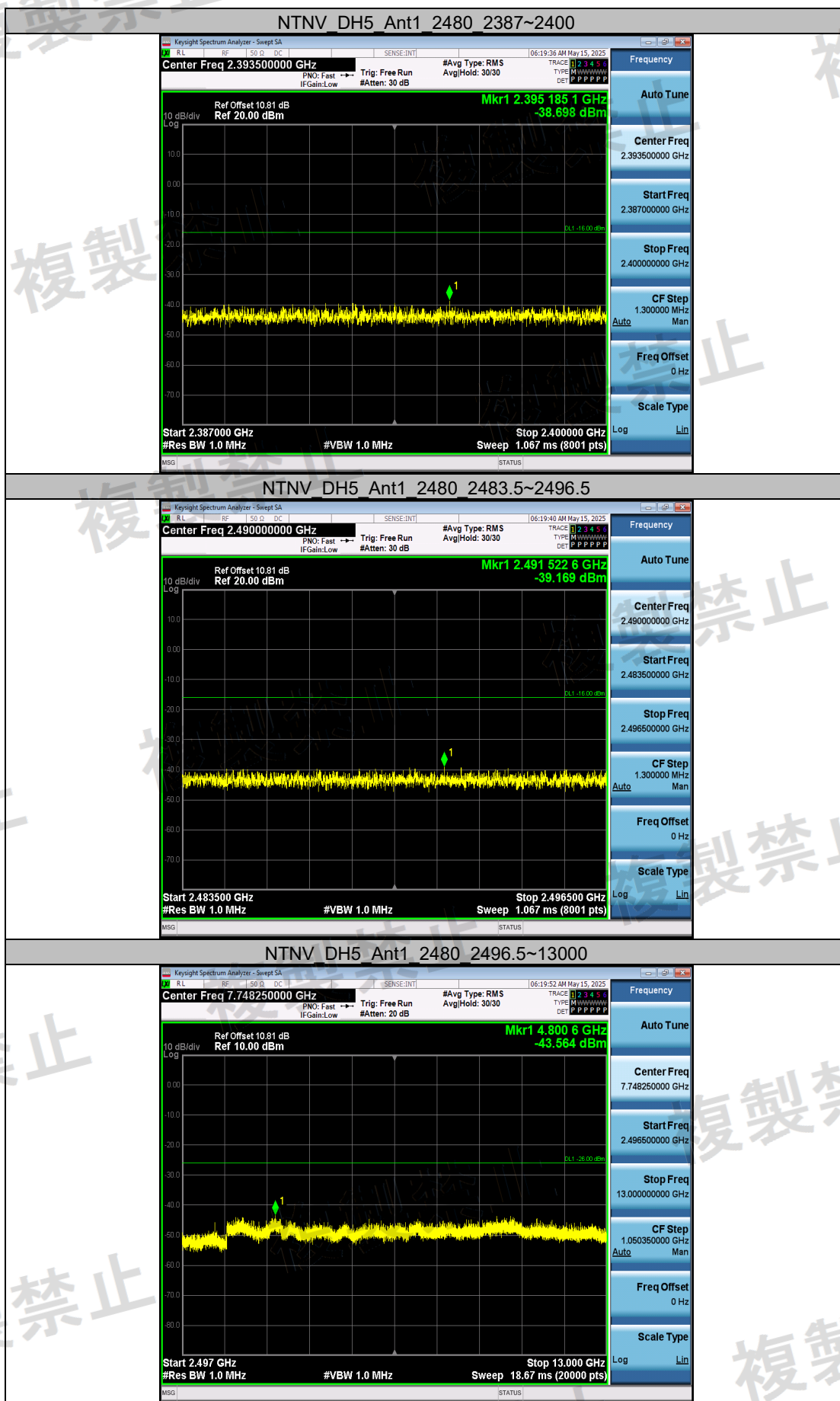
Test Result:

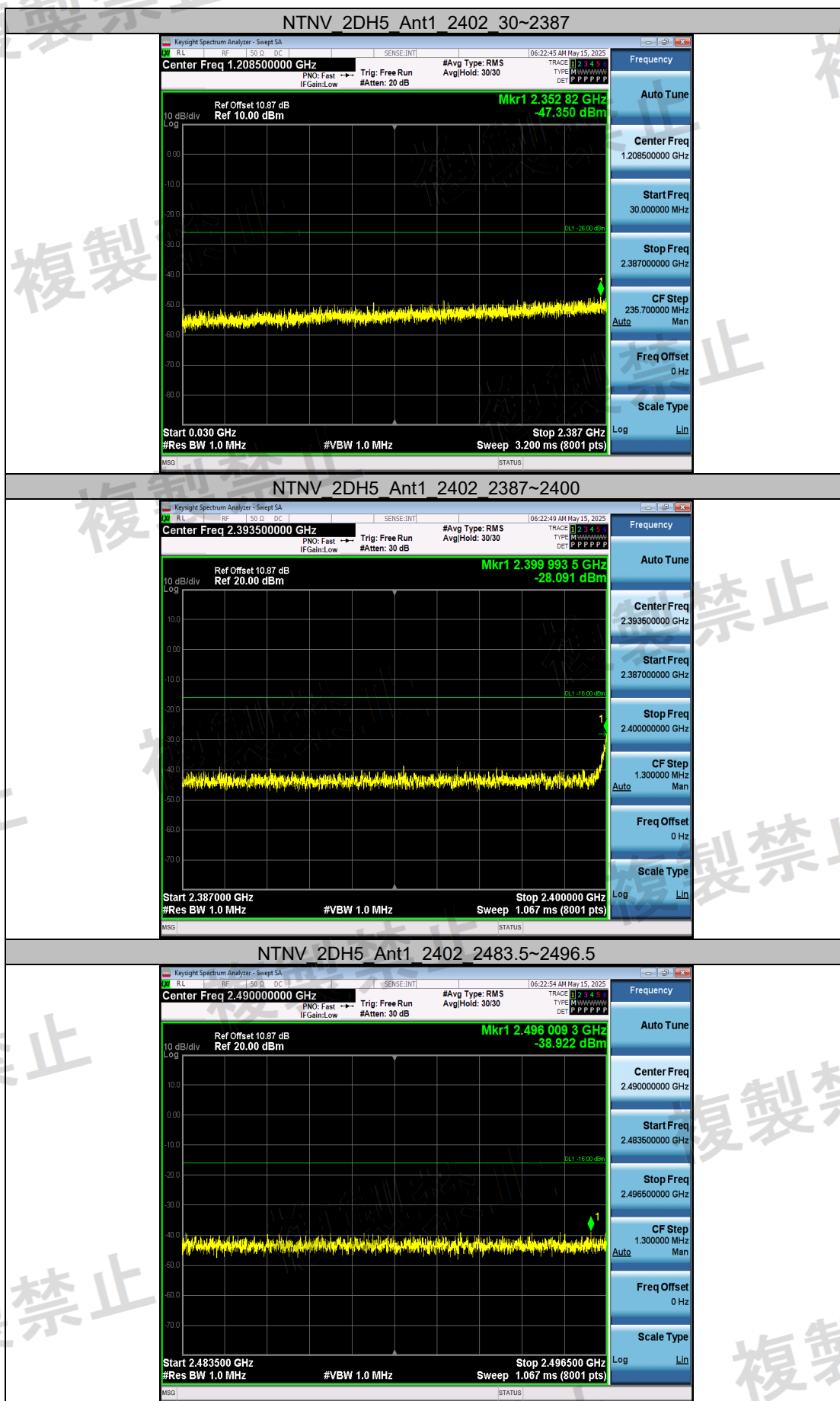
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm/M Hz]	Limit [dBm/MHz]	Result [μW/M Hz]	Limit [μW/M Hz]	Verdict
NTNV	DH5	Ant1	2402	30~2387	-47.05	≤-26	0.01972	≤2.5	PASS
				2387~2400	-35.06	≤-16	0.31189	≤25	PASS
				2483.5~2496.5	-38.67	≤-16	0.13583	≤25	PASS
				2496.5~13000	-43.49	≤-26	0.04477	≤2.5	PASS
			2441	30~2387	-46.46	≤-26	0.02259	≤2.5	PASS
				2387~2400	-38.71	≤-16	0.13459	≤25	PASS
				2483.5~2496.5	-38.28	≤-16	0.14859	≤25	PASS
				2496.5~13000	-44.28	≤-26	0.03733	≤2.5	PASS
			2480	30~2387	-46.50	≤-26	0.02239	≤2.5	PASS
				2387~2400	-38.70	≤-16	0.13490	≤25	PASS
				2483.5~2496.5	-39.17	≤-16	0.12106	≤25	PASS
				2496.5~13000	-43.56	≤-26	0.04406	≤2.5	PASS
	2DH5	Ant1	2402	30~2387	-47.35	≤-26	0.01841	≤2.5	PASS
				2387~2400	-28.09	≤-16	1.55239	≤25	PASS
				2483.5~2496.5	-38.92	≤-16	0.12823	≤25	PASS
				2496.5~13000	-42.52	≤-26	0.05598	≤2.5	PASS
			2441	30~2387	-46.74	≤-26	0.02118	≤2.5	PASS
				2387~2400	-38.84	≤-16	0.13062	≤25	PASS
				2483.5~2496.5	-37.98	≤-16	0.15922	≤25	PASS
				2496.5~13000	-42.96	≤-26	0.05058	≤2.5	PASS
			2480	30~2387	-45.41	≤-26	0.02877	≤2.5	PASS
				2387~2400	-39.02	≤-16	0.12531	≤25	PASS
				2483.5~2496.5	-37.95	≤-16	0.16032	≤25	PASS
				2496.5~13000	-43.51	≤-26	0.04457	≤2.5	PASS
	3DH5	Ant1	2402	30~2387	-47.64	≤-26	0.01722	≤2.5	PASS
				2387~2400	-30.11	≤-16	0.97499	≤25	PASS
				2483.5~2496.5	-38.64	≤-16	0.13677	≤25	PASS
				2496.5~13000	-42.62	≤-26	0.05470	≤2.5	PASS
			2441	30~2387	-46.39	≤-26	0.02296	≤2.5	PASS
				2387~2400	-39.29	≤-16	0.11776	≤25	PASS
				2483.5~2496.5	-37.57	≤-16	0.17498	≤25	PASS
				2496.5~13000	-42.69	≤-26	0.05383	≤2.5	PASS
			2480	30~2387	-47.03	≤-26	0.01982	≤2.5	PASS
				2387~2400	-38.20	≤-16	0.15136	≤25	PASS
				2483.5~2496.5	-38.46	≤-16	0.14256	≤25	PASS
				2496.5~13000	-42.92	≤-26	0.05105	≤2.5	PASS

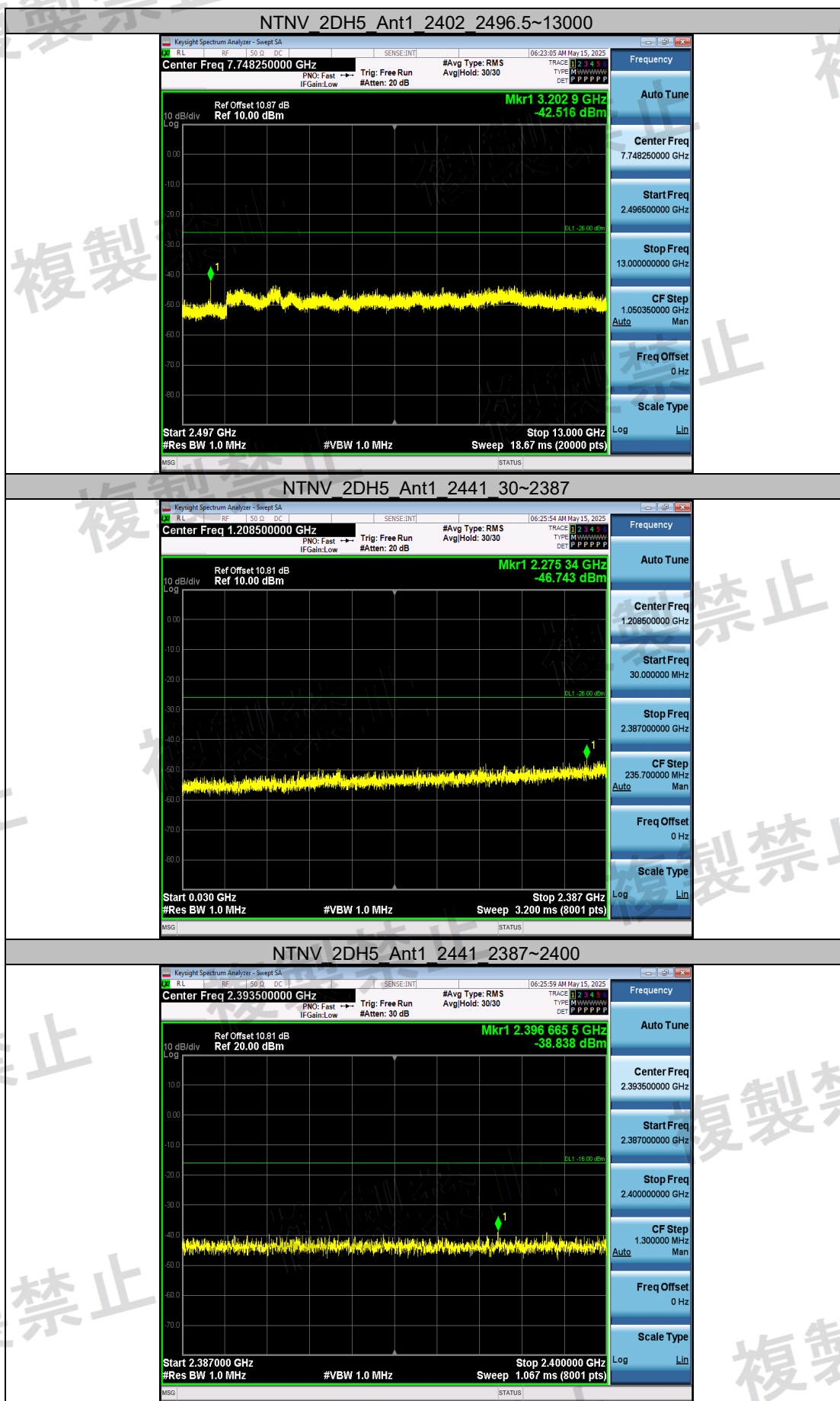


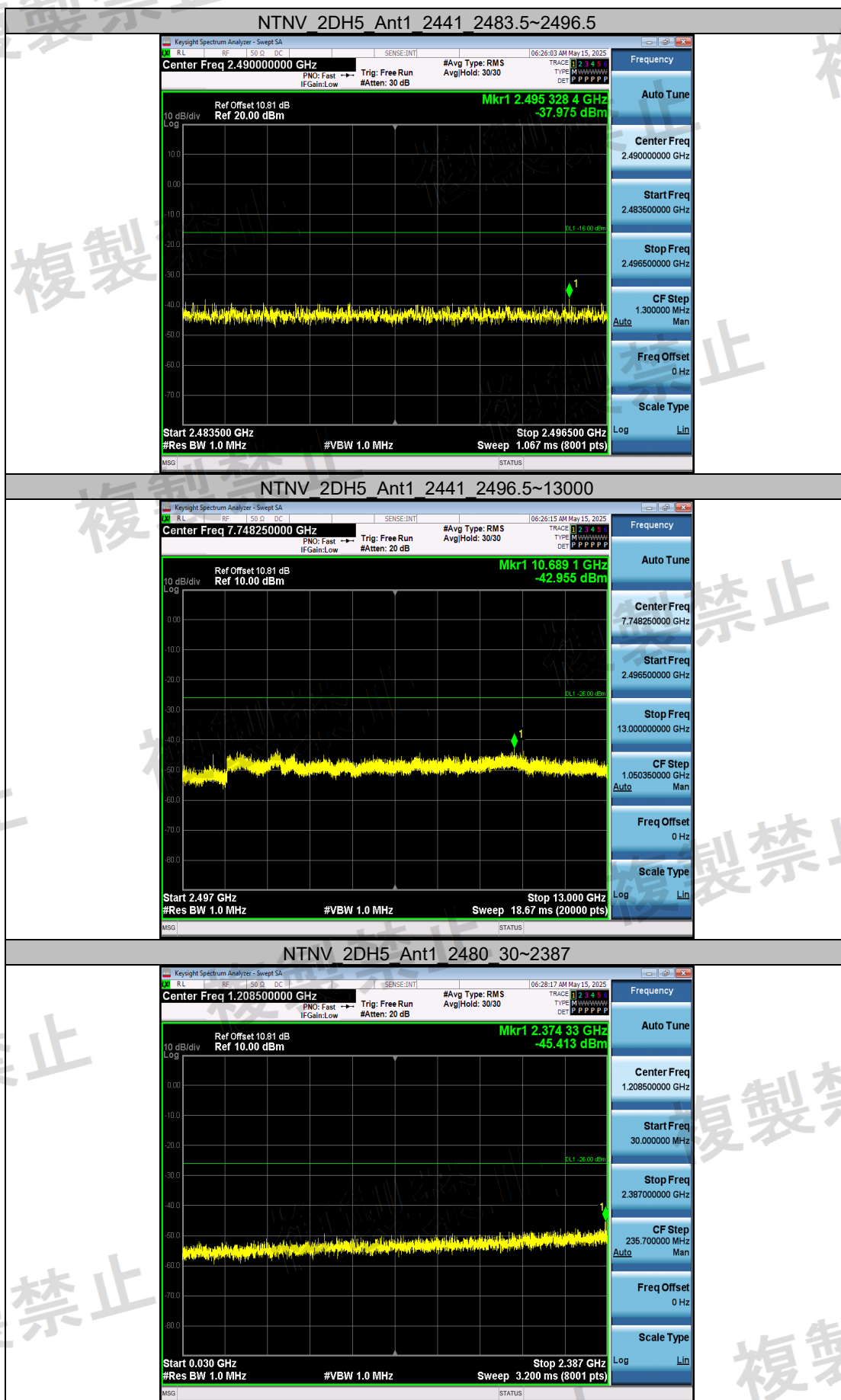


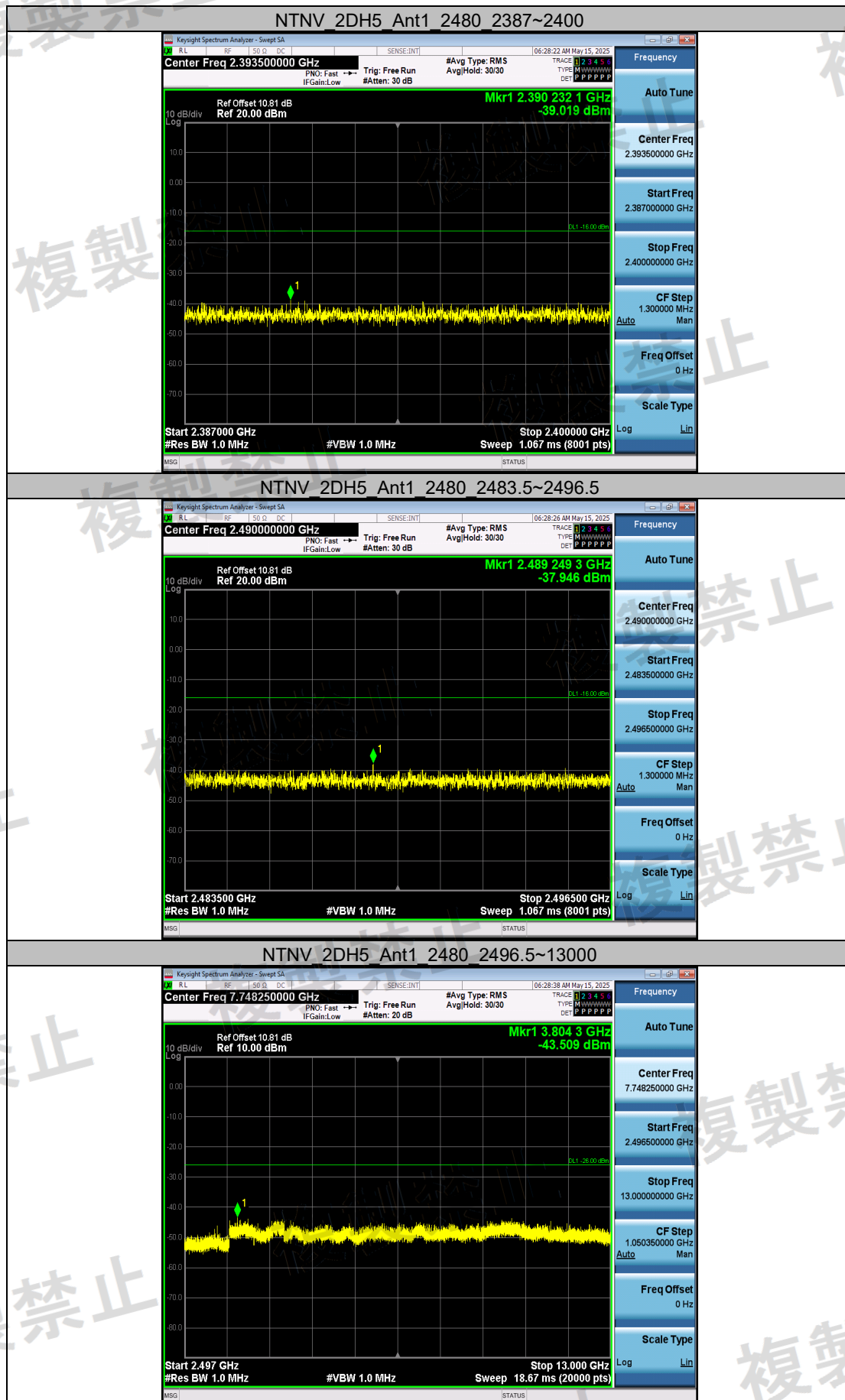


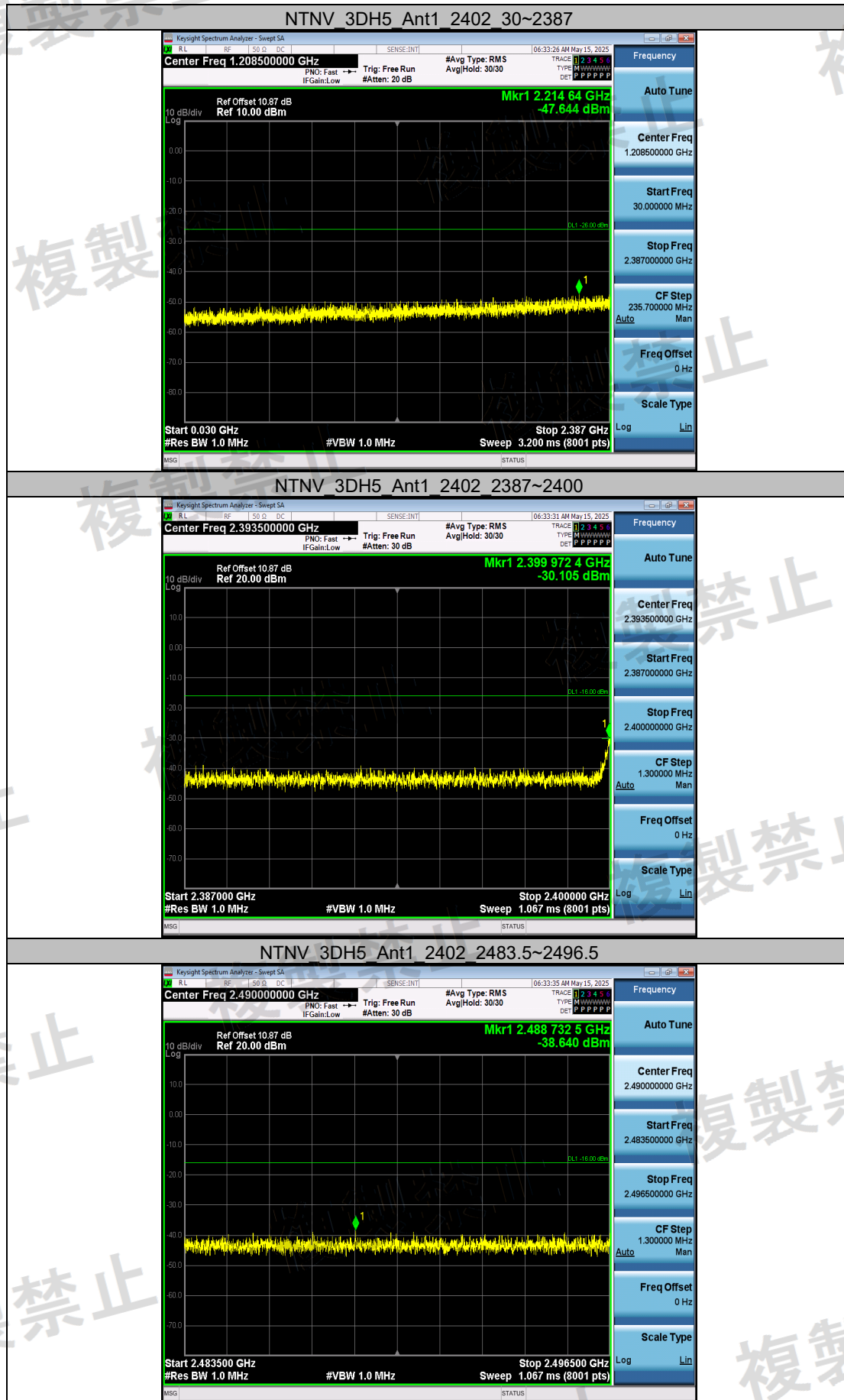


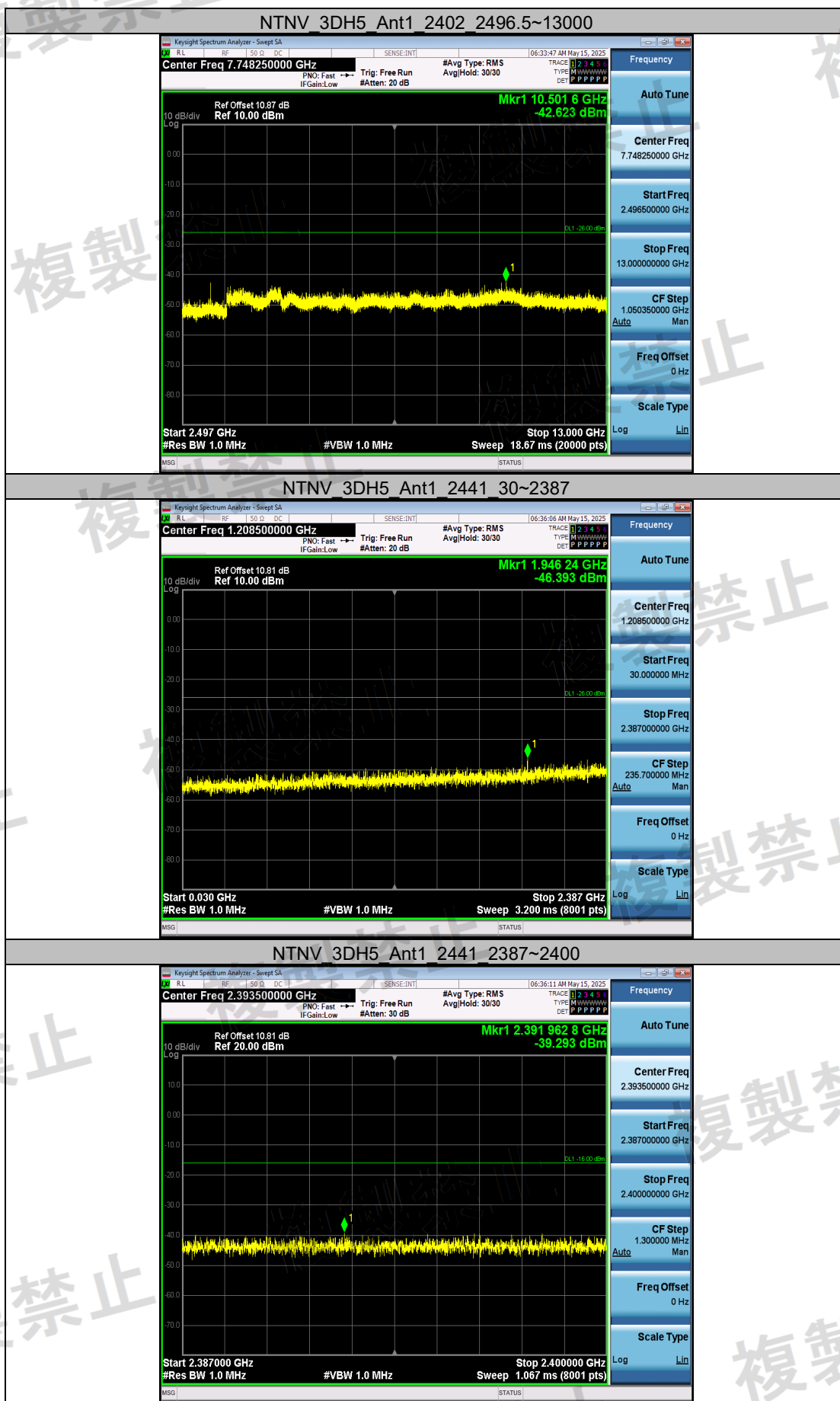


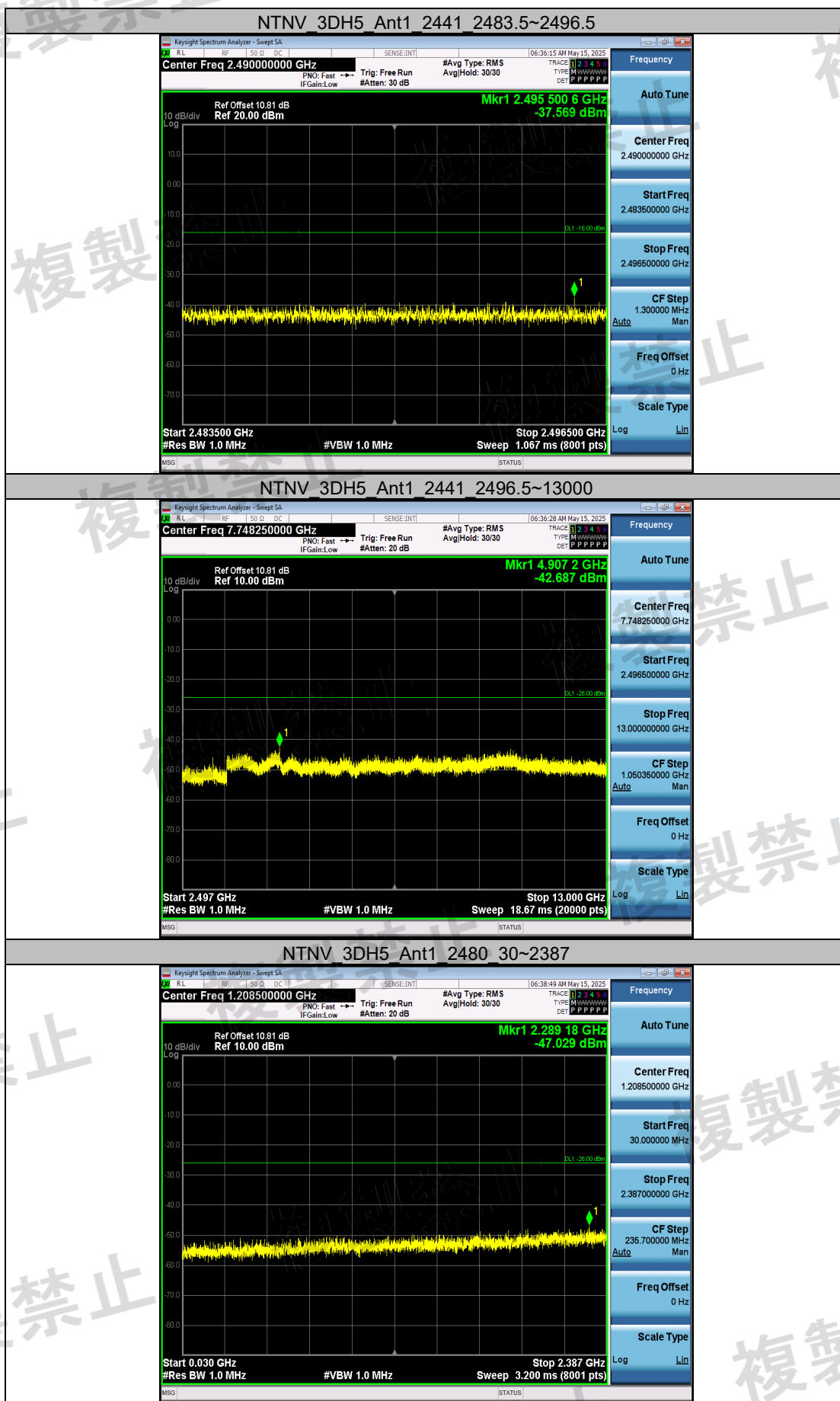


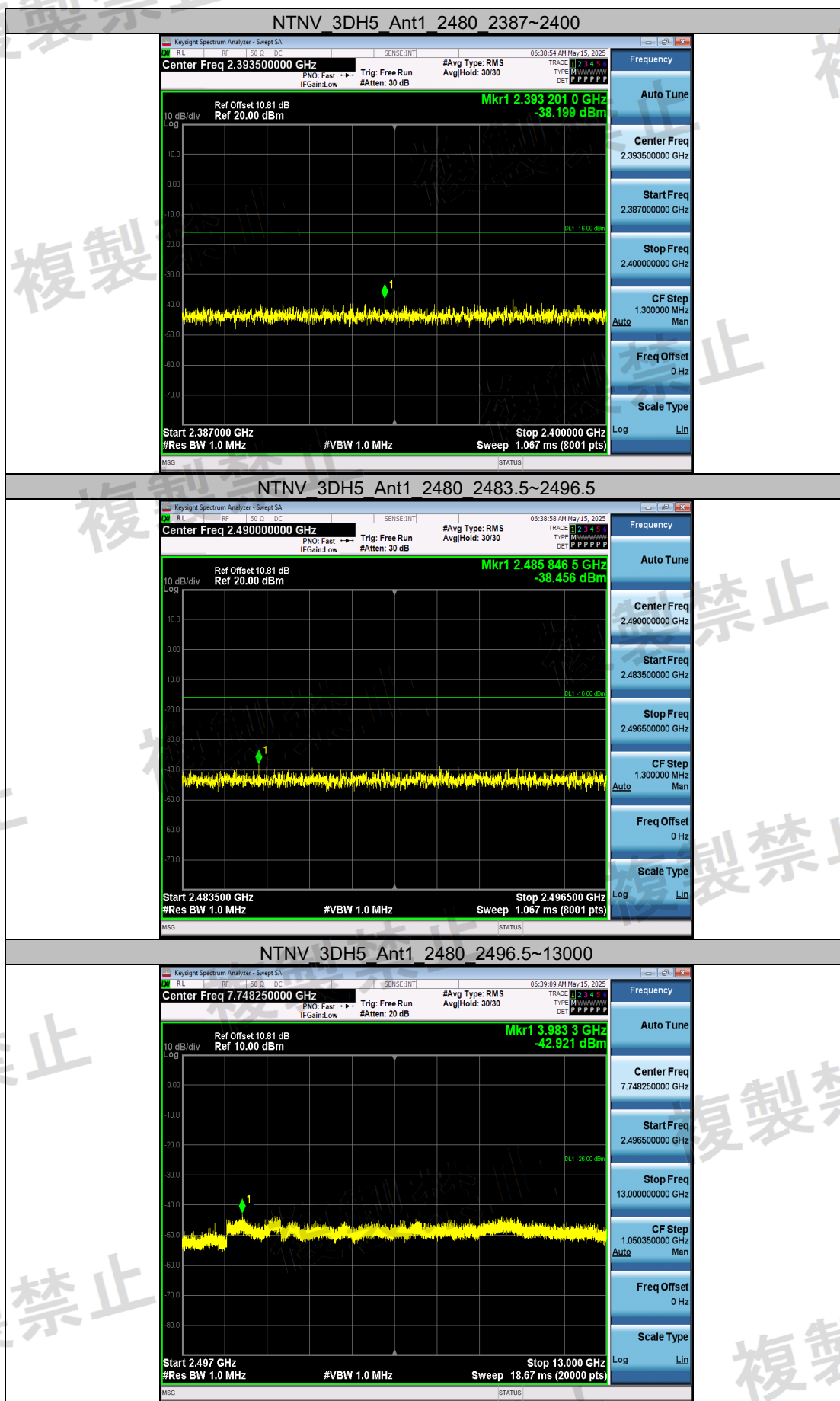








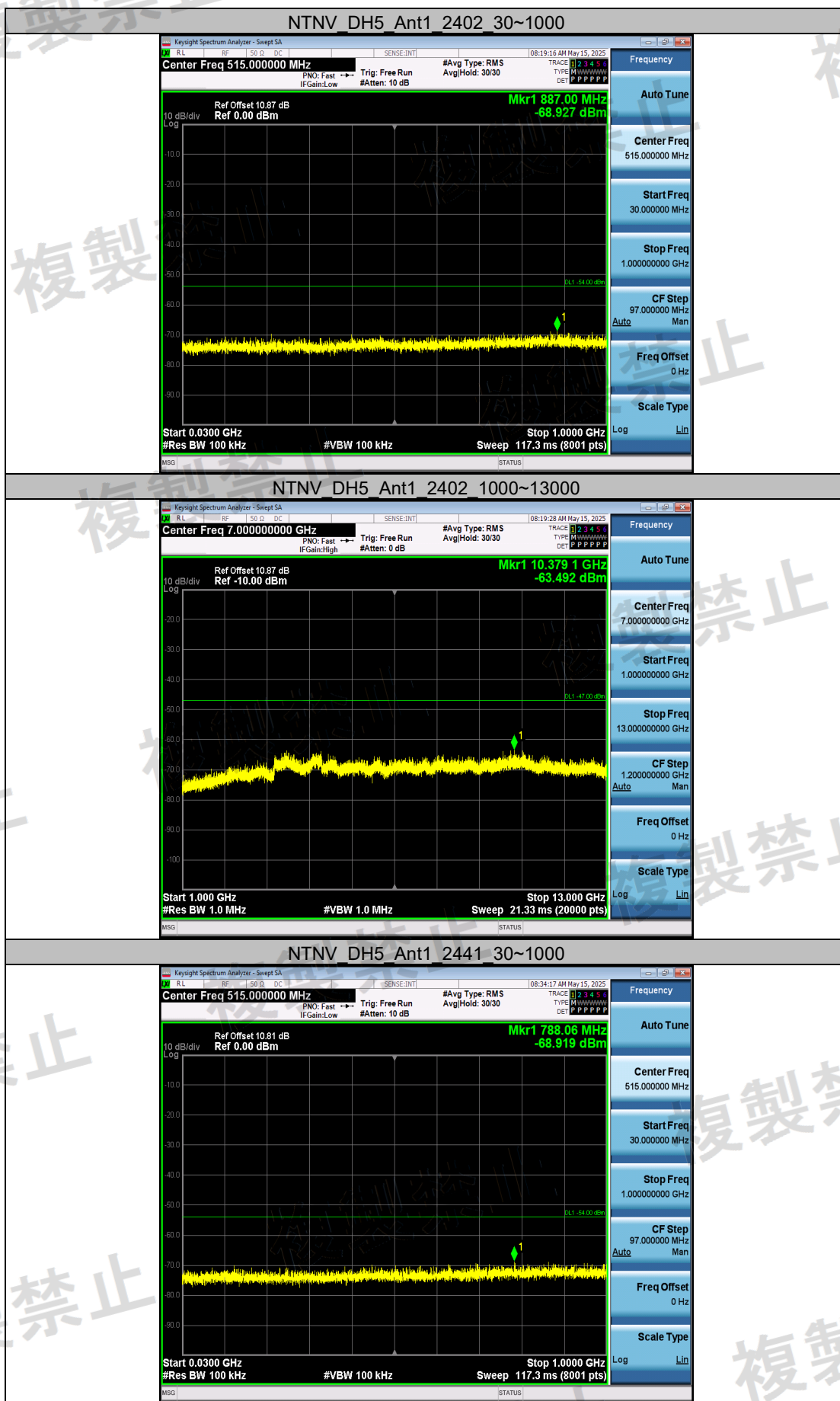


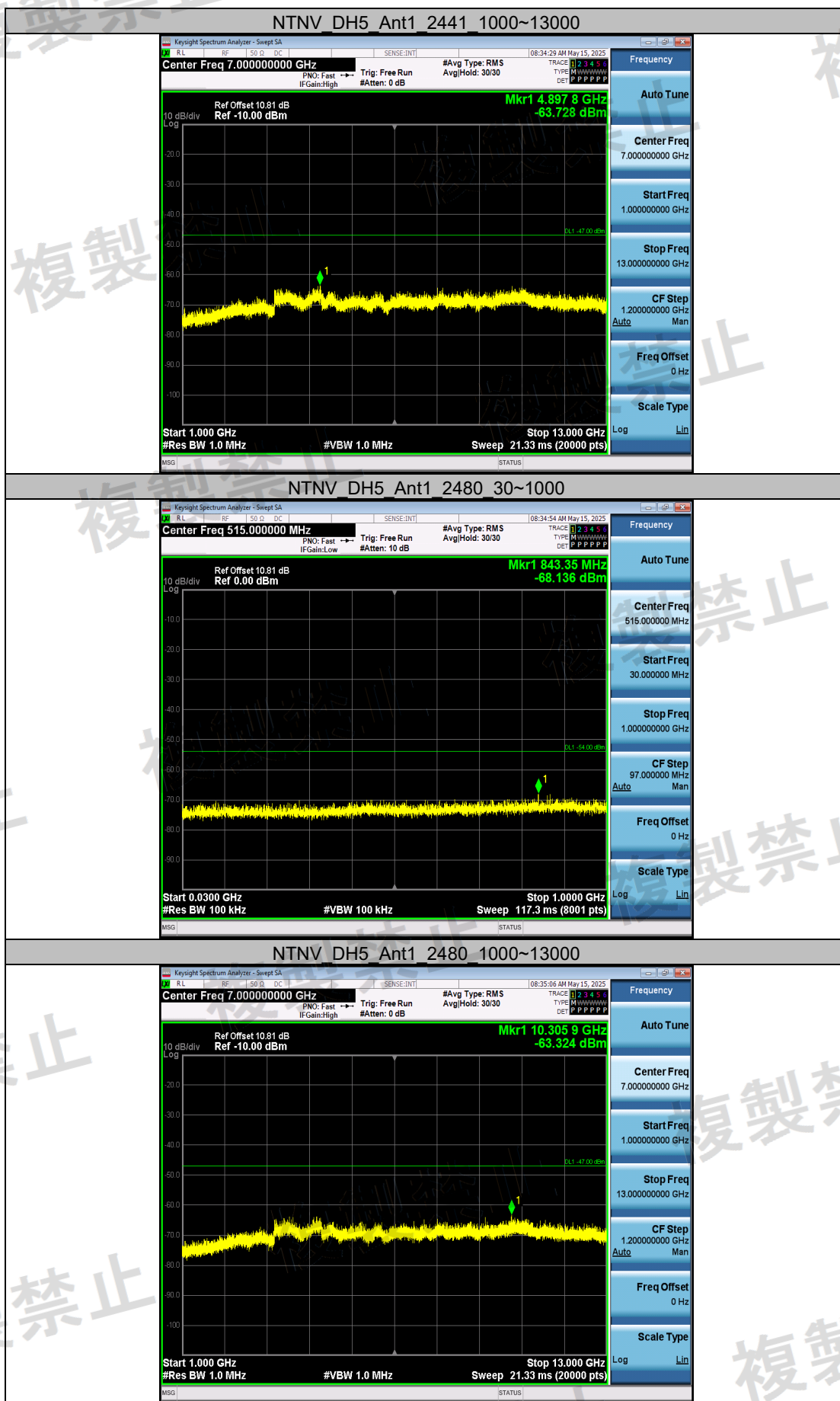


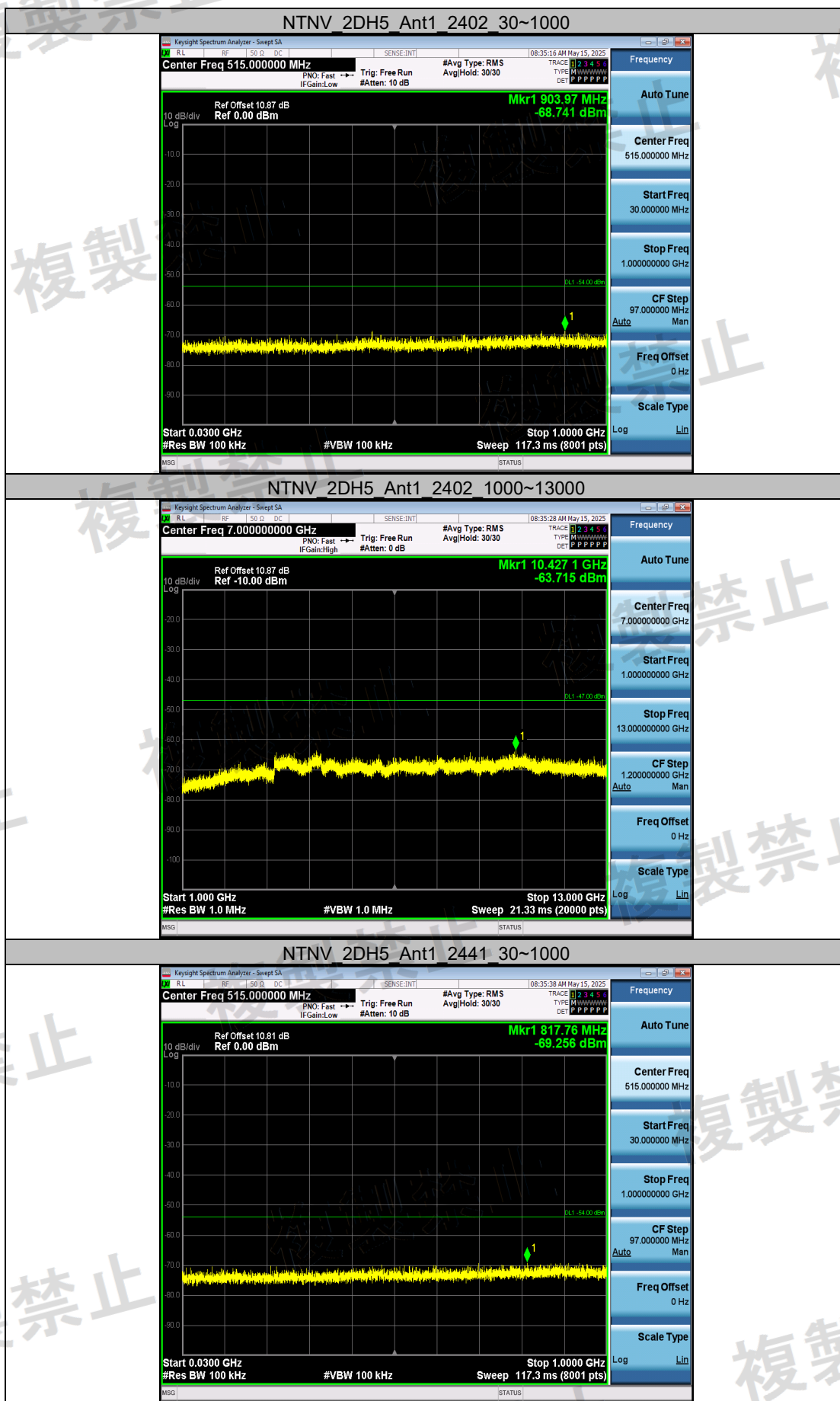
Appendix F: Receiver spurious emissions

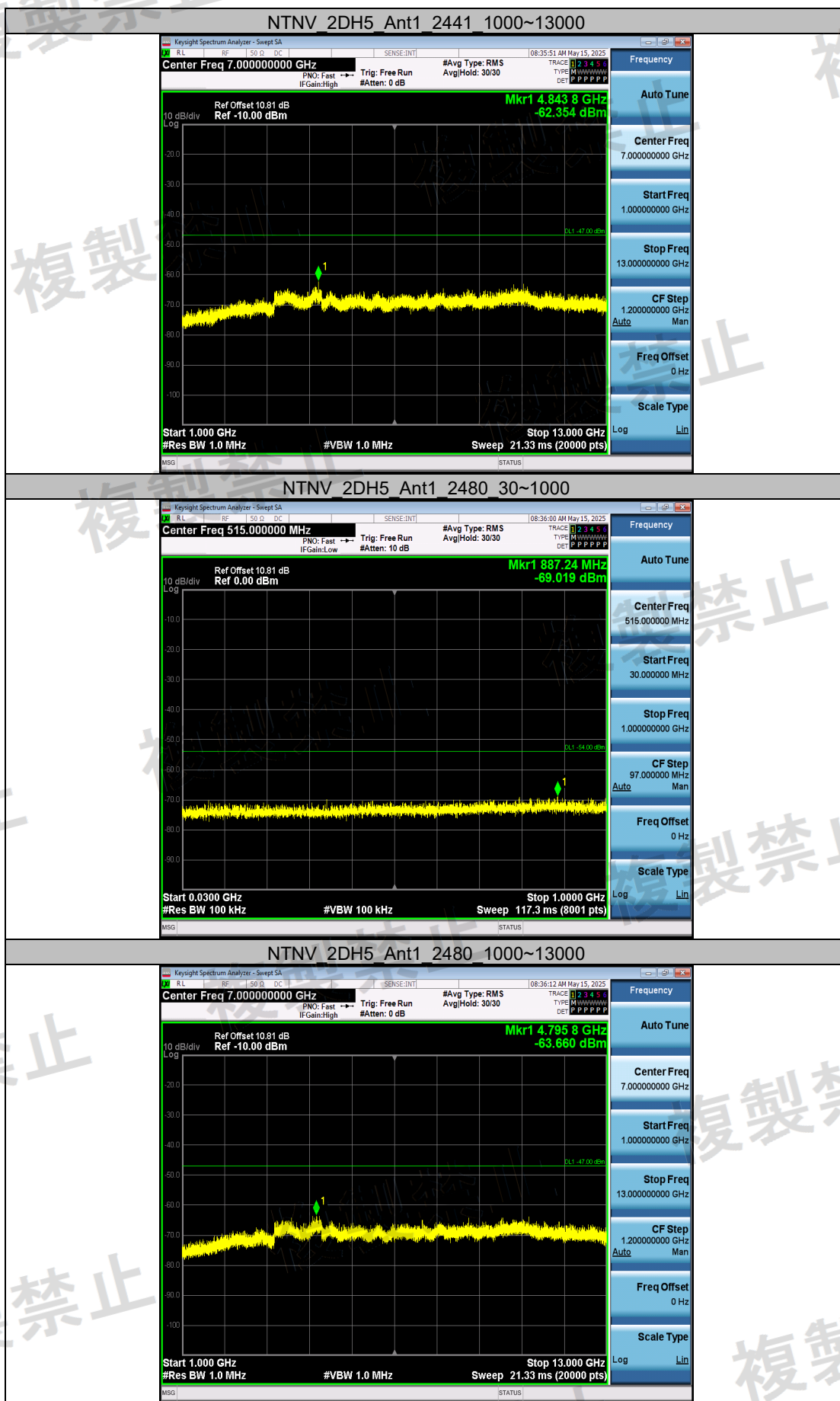
Test Result:

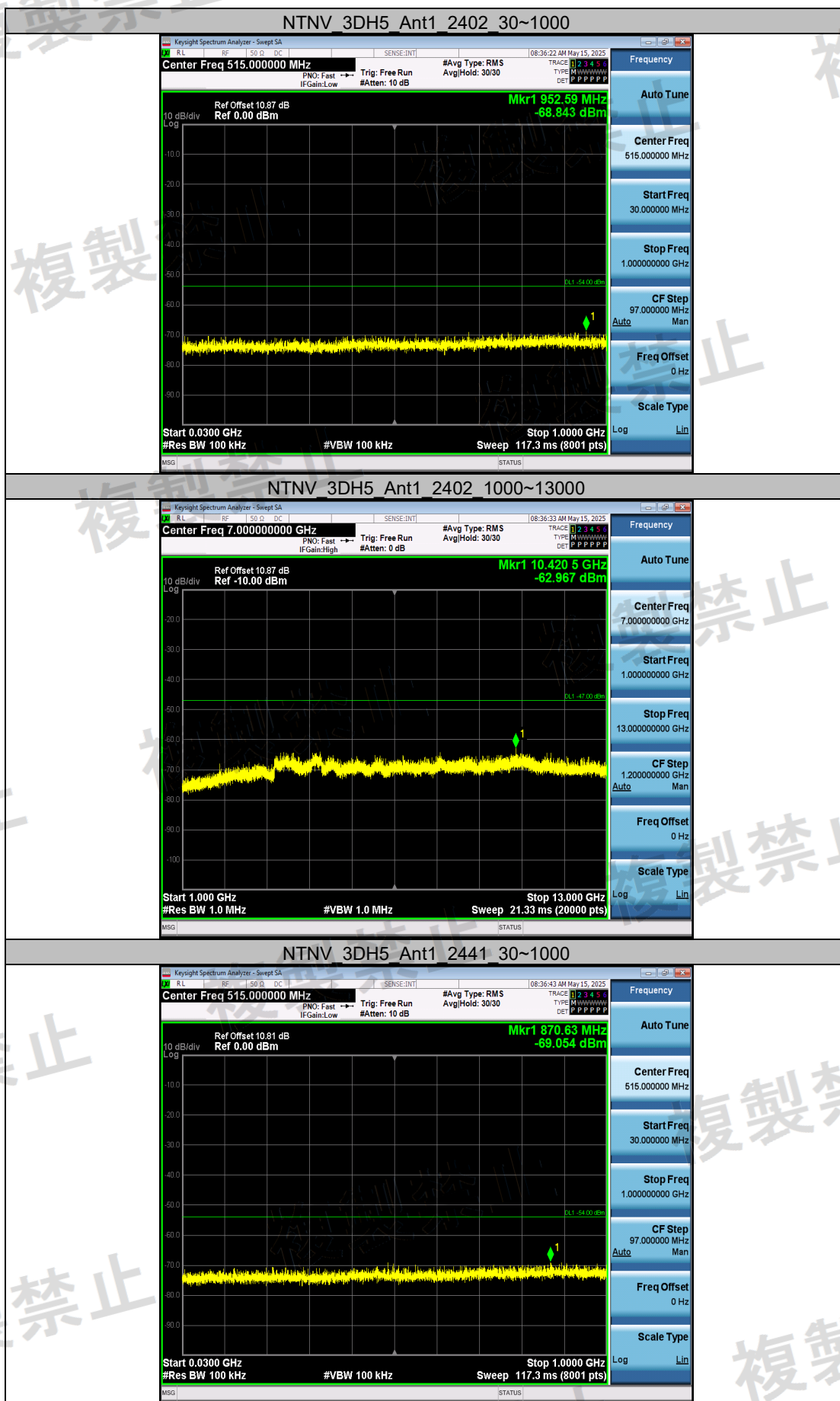
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	-68.93	≤-54	0.12794	≤4	PASS
				1000~13000	-63.49	≤-47	0.44771	≤20	PASS
			2441	30~1000	-68.92	≤-54	0.12823	≤4	PASS
				1000~13000	-63.73	≤-47	0.42364	≤20	PASS
			2480	30~1000	-68.14	≤-54	0.15346	≤4	PASS
				1000~13000	-63.32	≤-47	0.46559	≤20	PASS
	2DH5	Ant1	2402	30~1000	-68.74	≤-54	0.13366	≤4	PASS
				1000~13000	-63.72	≤-47	0.42462	≤20	PASS
			2441	30~1000	-69.26	≤-54	0.11858	≤4	PASS
				1000~13000	-62.35	≤-47	0.58210	≤20	PASS
			2480	30~1000	-69.02	≤-54	0.12531	≤4	PASS
				1000~13000	-63.66	≤-47	0.43053	≤20	PASS
	3DH5	Ant1	2402	30~1000	-68.84	≤-54	0.13062	≤4	PASS
				1000~13000	-62.97	≤-47	0.50466	≤20	PASS
			2441	30~1000	-69.05	≤-54	0.12445	≤4	PASS
				1000~13000	-62.82	≤-47	0.52240	≤20	PASS
			2480	30~1000	-68.67	≤-54	0.13583	≤4	PASS
				1000~13000	-63.83	≤-47	0.41400	≤20	PASS

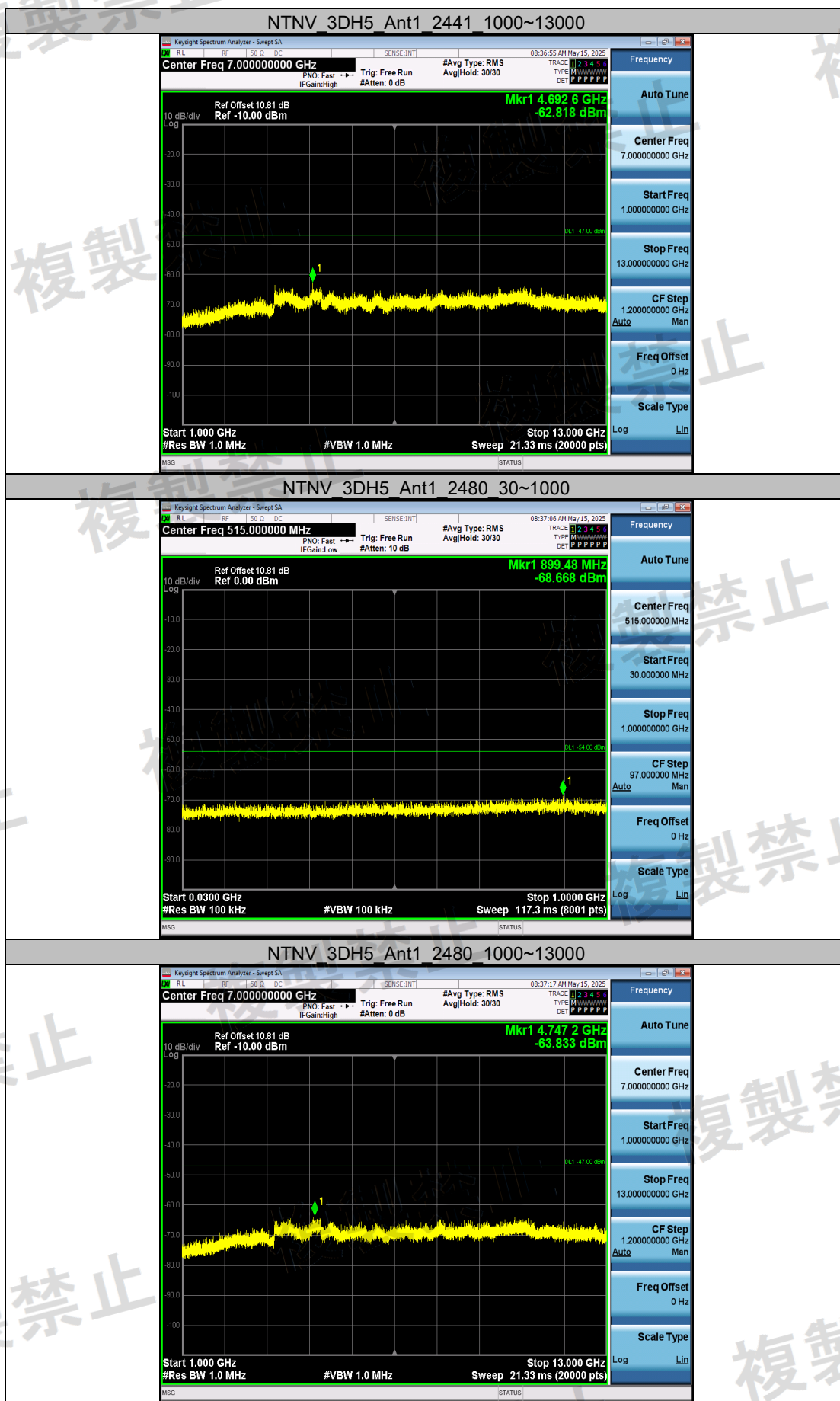












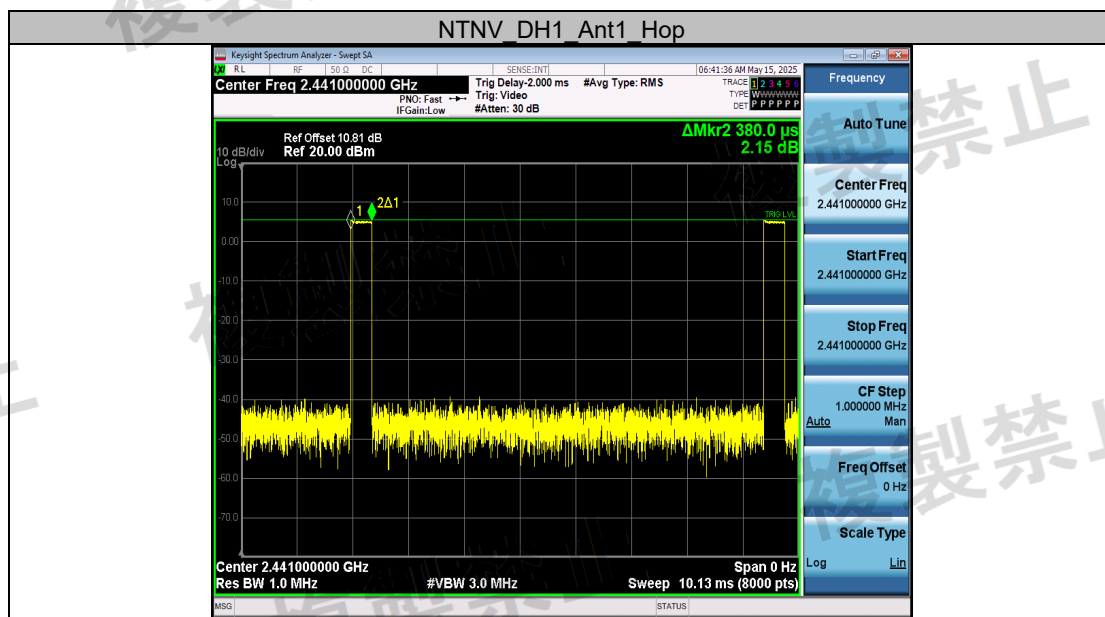
Appendix G: Dwell Time

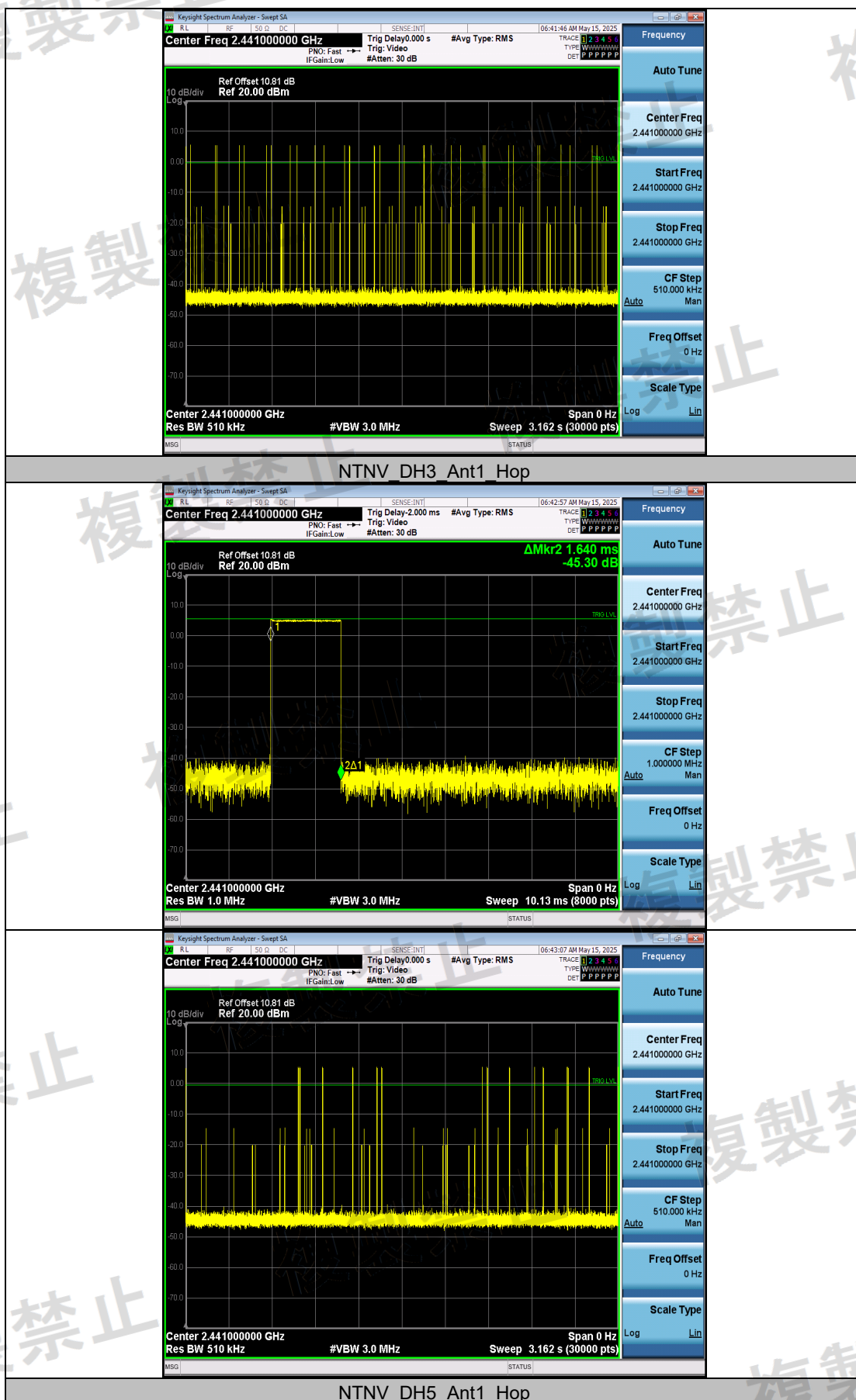
Test Result:

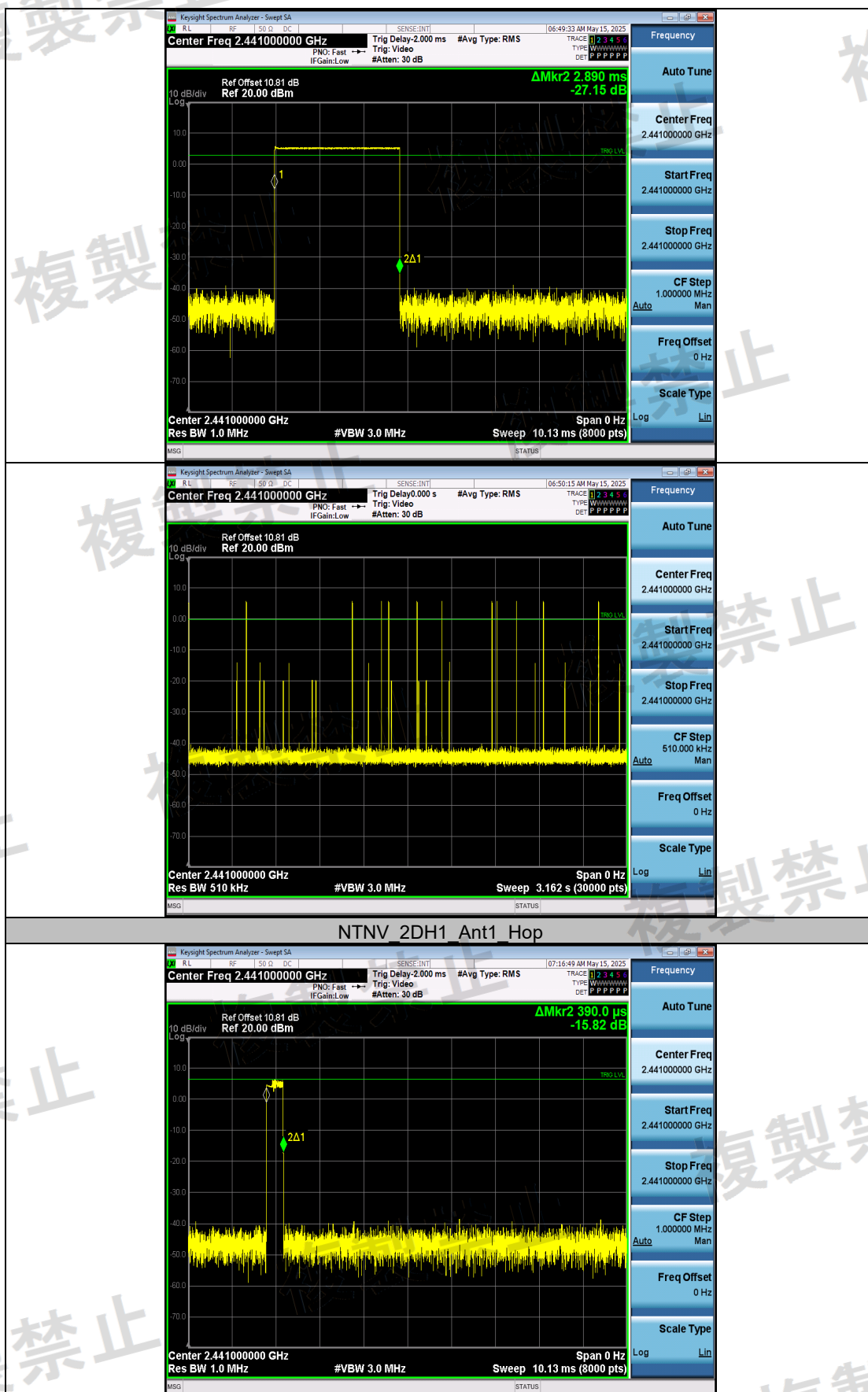
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.38	330	0.125	≤0.4	PASS
	DH3	Ant1	Hop	1.64	160	0.262	≤0.4	PASS
	DH5	Ant1	Hop	2.89	120	0.347	≤0.4	PASS
	2DH1	Ant1	Hop	0.39	330	0.129	≤0.4	PASS
	2DH3	Ant1	Hop	1.64	160	0.262	≤0.4	PASS
	2DH5	Ant1	Hop	2.89	130	0.376	≤0.4	PASS
	3DH1	Ant1	Hop	0.39	330	0.129	≤0.4	PASS
	3DH3	Ant1	Hop	1.64	150	0.246	≤0.4	PASS
	3DH5	Ant1	Hop	2.88	120	0.346	≤0.4	PASS

Note:

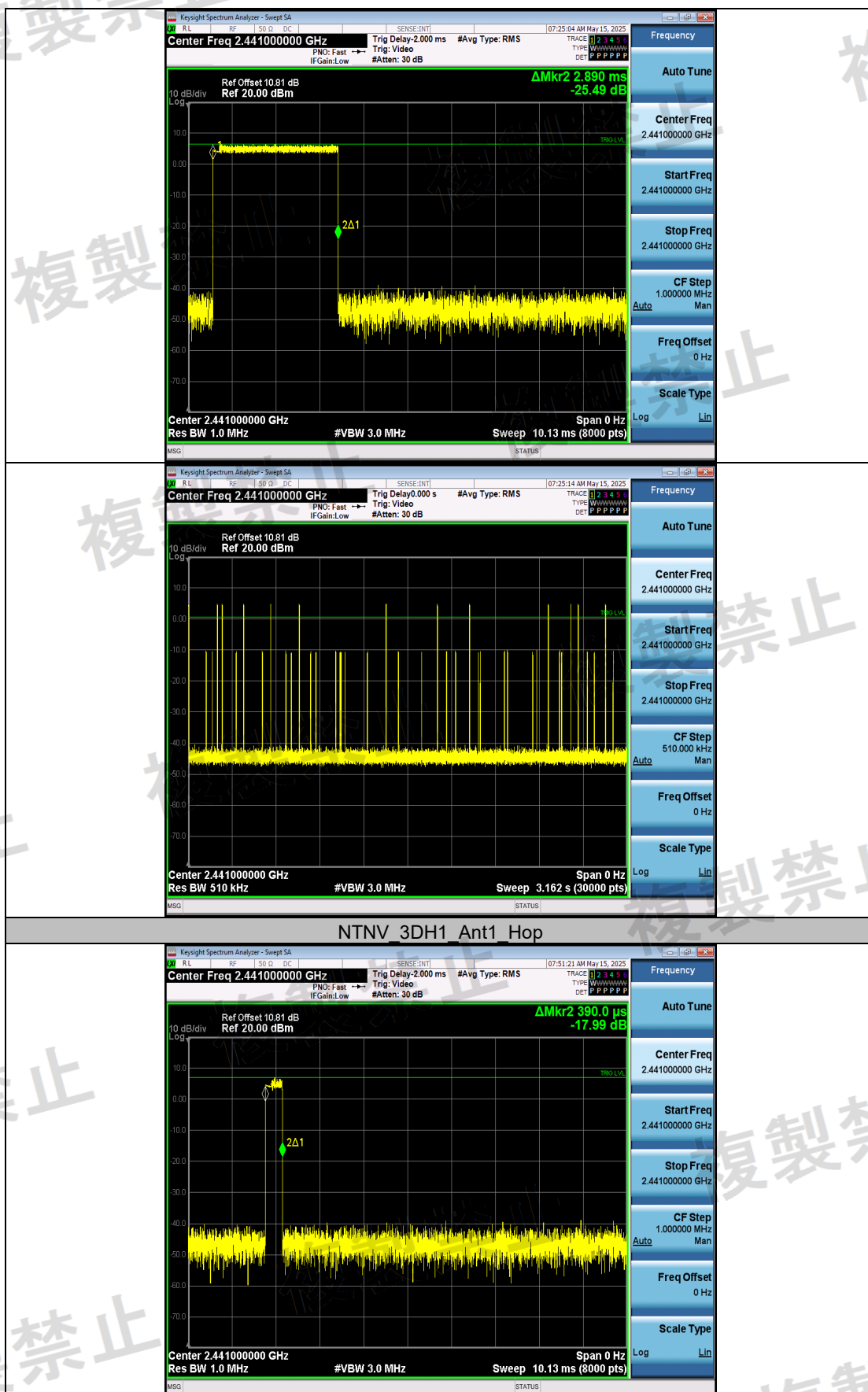
1. Total hop num=10* hop num
2. Dwell Time= BurstWidth* TotalHops

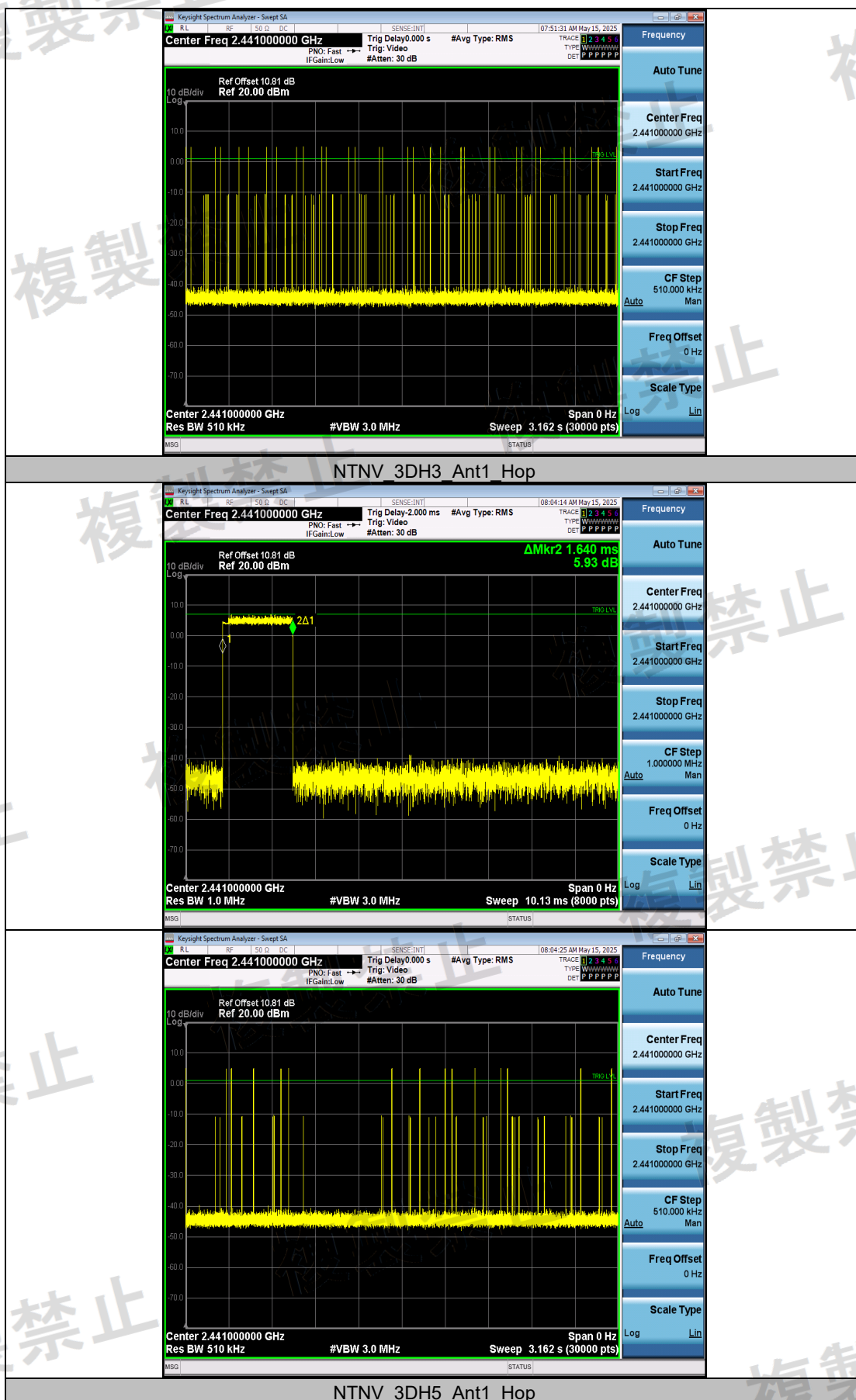


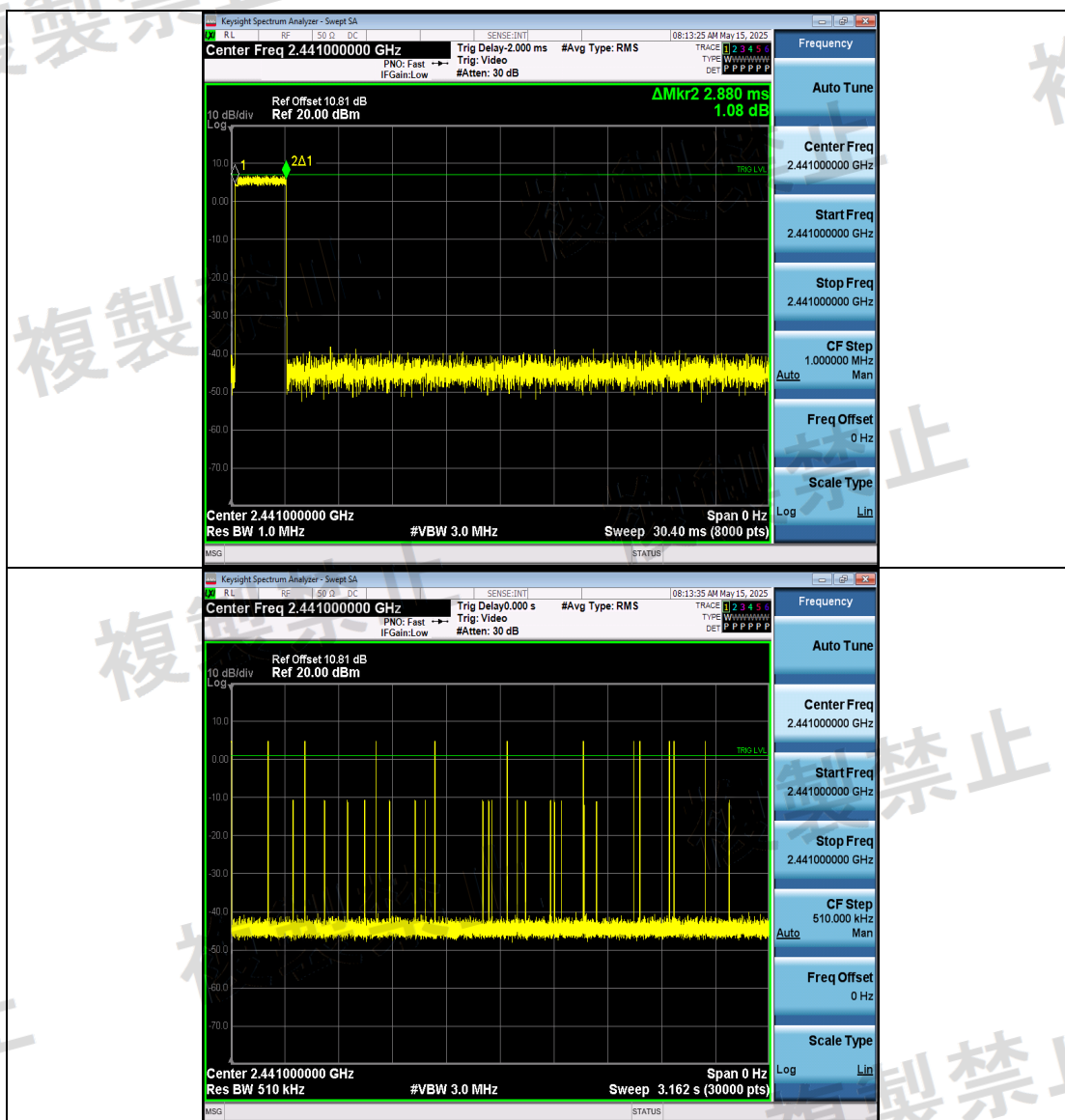












PHOTOS

1. Appendix I Test photo
2. Appendix II Exterior photo
3. Appendix II Interior photo

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