

TEST REPORT

Product Name: Windows OPS Module

Trade Mark: Yealink

Model No.: MCore-OPS-G2

Add. Model No.: N/A

Report Number: 26011221847RFC-3

Specified Categories: Item 19 of Article 2 Paragraph 1

Standard: MIC Notification No. 88 Appendix No.43

Test Result: PASS

Date of Issue: February 5, 2026

Prepared for:

YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.
No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China

Prepared by:

Shenzhen UnionTrust Quality and Technology Co., Ltd.
16/F, Block A, Building 6th, Baoneng Science and Technology Park,
Longhua Street, Longhua District, Shenzhen, China

TEL: +86-755-2823 0888

FAX: +86-755-2823 0886

Prepared by:

David Chen

David Chen
Senior Project Engineer

Reviewed by:

Henry Lu
Henry Lu
Team Leader

Approved by:



Date:

February 5, 2026

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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Version

Version No.	Date	Description
V1.0	February 5, 2026	Original

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Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

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Fax: +86-755-28230886

E-mail: info@uttlab.com

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1. GENERAL INFORMATION

1.1 CLIENT INFORMATION

Applicant:	YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.
Address of Applicant:	No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China
Manufacturer:	YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.
Address of Manufacturer:	No.666 Hu'an Rd. Huli District Xiamen City, Fujian, P.R. China

1.2 EUT INFORMATION

1.2.1 General Description of EUT

Product Name:	Windows OPS Module		
Model No.:	MCore-OPS-G2		
Add. Model No.:	N/A		
Trade Mark:	Yealink		
DUT Stage:	Identical Prototype		
EUT Supports Function: (Provided by the customer)	2.4 GHz ISM Band:	IEEE 802.11b/g/n/ax	
		Bluetooth V5.2	
	5 GHz U-NII Bands:	5 150 MHz to 5 250 MHz	IEEE 802.11a/n/ac/ax
		5 250 MHz to 5 350 MHz	IEEE 802.11a/n/ac/ax
		5 470 MHz to 5 730 MHz	IEEE 802.11a/n/ac/ax
Software Version:	5055.434.0.5 (Provided by the customer)		
Hardware Version:	S25-MTL-OPSG2 (Provided by the customer)		
Sample Received Date:	January 9, 2026		
Sample Tested Date:	January 13, 2026 to January 26, 2026		
Remark:	The above EUT's information was provided by customer. Please refer to the specifications or user's manual for more detailed description.		

1.2.2 Description of Accessories

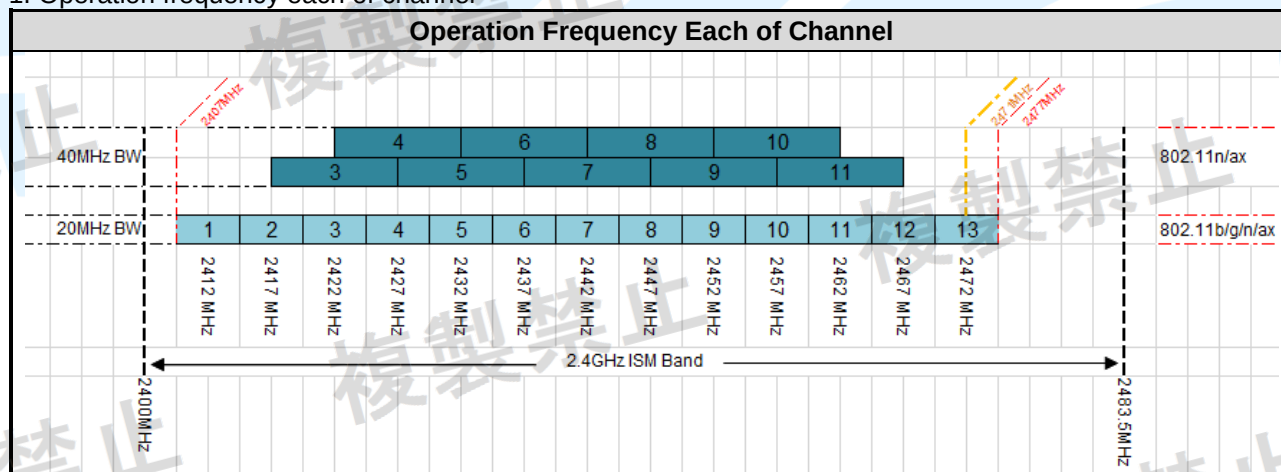
None.

1.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2412 MHz to 2472 MHz
Radio Technique:	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n-HT20, IEEE 802.11n-HT40, IEEE 802.11ax-HE20, IEEE 802.11ax-HE40
Modulation Technique:	DSSS, OFDM
Type of Modulation:	IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: ☒ OFDM (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) ☐ OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Number of subcarriers:	IEEE 802.11g: >1 / MHz IEEE 802.11n-HT20: >1 / MHz IEEE 802.11n-HT40: >1 / MHz
Data Rate:	IEEE 802.11b: Up to 11 Mbps IEEE 802.11g: Up to 54 Mbps IEEE 802.11n-HT20/HT40: Up to MCS15 IEEE 802.11ax-HE20/HE40: Up to MCS11
Number of Channels:	IEEE 802.11b/g/n-HT20/ax-HE20: 13 IEEE 802.11HT40/ax-HE40: 9
Channel Separation:	5 MHz
RF Output Power:	Please see NOTE 2
Antenna Type: (Provided by the customer)	Rubber rod antenna
Antenna Gain: (Provided by the customer)	Antenna 1: 3.8 dBi Antenna 2: 3.8 dBi
Test Voltage:	Please see NOTE 3

NOTE :

1. Operation frequency each of channel



2. The RF output power as below table:

SISO Mode	Rated output power density (mW/MHz)		Conducted RF output power density (mW/MHz)		Radiated RF output power density (mW/MHz)	
	Ant. 0	Ant. 1	Ant. 0	Ant. 1	Ant. 0	Ant. 1
IEEE 802.11b	3.00	3.00	2.8739	2.6152	8.3847	7.9750
IEEE 802.11g	2.00	2.00	2.1828	1.9109	7.1902	6.6123

MIMO Mode	Rated output power density (mW/MHz)	Conducted RF output power density (mW/MHz)	Radiated RF output power density (mW/MHz)
IEEE 802.11n-HT20	1.50	1.4447	-3.69
IEEE 802.11n-HT40	0.75	0.6202	-17.31
IEEE 802.11ax-HE20	1.50	1.2020	-19.87
IEEE 802.11ax-HE40	0.75	0.4749	-36.69

3. Test voltage as below table:

Normal Voltage	18VDC
The power supply part of the EUT has a voltage stabilizing circuit. All test cases were done under the normal supply voltage.	

1.4 OTHER INFORMATION

None.

1.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF product, according to the specifications of the manufacturers. It must comply with the requirements of the following standards:

**Item 19 of Article 2 Paragraph 1,
MIC Notification No. 88 Appendix No.43**

All test items have been performed and recorded as per the above standards

1.6 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below.

1) Support Equipment

Description	Manufacturer	Model No.	Serial Number	Supplied by
Adapter	Huntkey	HKA09019047-6U	N/A	Yealink
OPS Con Test Board	Yealink	JMF-M	N/A	Yealink
Flat Panel Monitor	DELL	E2420HS	CN0DMM2N-FCC0 0-159-AYLB-A05	UnionTrust
ROG Rapture Tri-band Gaming Router	ASUS	GT-AXE11000	M3IAJF201746	UnionTrust

2) Support Cable

Cable No.	Description	Connector	Length	Supplied by
1	Antenna Cable	SMA	0.3 Meter	UnionTrust

1.7 TEST LOCATION

All tests were performed at:

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Telephone: +86 (0) 755 2823 0888

Fax: +86 (0) 755 2823 0886

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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1.8 TEST FACILITY

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L9069

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable under the ISO/IEC 17025 to international or national standards. Equipment has been calibrated by accredited calibration laboratories.

A2LA-Lab Certificate No.: 4312.01

Shenzhen UnionTrust Quality and Technology Co., Ltd. has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

ISED Wireless Device Testing Laboratories

CAB identifier: CN0032

FCC Accredited Lab.

Designation Number: CN1194

Test Firm Registration Number: 259480

1.9 DEVIATION FROM STANDARDS

None.

1.10 ABNORMALITIES FROM STANDARD CONDITIONS

None.

1.11 OTHER INFORMATION REQUESTED BY THE CUSTOMER

None.

1.12 MEASUREMENT UNCERTAINTY

No.	Item	Measurement Uncertainty
1	Radio frequency	$\pm 6.5 \times 10^{-8}$
2	Occupied Channel Bandwidth	$\pm 1.86 \%$
3	RF output power, conducted	$\pm 0.68 \text{ dB}$
4	Power Spectral Density	$\pm 0.6 \text{ dB}$
5	Spurious emissions, conducted	$\pm 2.7 \text{ dB}$
6	Supply voltages	$\pm 0.68 \%$
7	Time	$\pm 0.19 \%$
Remark: 95% Confidence Levels, k=2.		

2. TEST SUMMARY

Item	Notice 88 Appendix 43 Reference	ARIB STD-T66 Reference	Report reference	Result
GENERAL PROVISIONS				
Frequency Tolerance	C	3.2 (4)	5.3	PASS
Occupied bandwidth	D	3.2 (7)	5.4	PASS
Spurious emissions	E	3.2 (6)	5.6	PASS
TRANSMITTING EQUIPMENT				
Antenna power	F	3.2 (1)	5.7	PASS
SAR	--	--	--	N/A
TRANSMITTING ANTENNA				
Type, configuration, etc. of transmitting antenna	--	--	1.3, 5.2	PASS
Direction pattern of transmitting antenna	--	--	5.2	PASS
RECEIVING EQUIPMENT				
Spurious emissions of receiver	H	3.3 (1)	5.8	PASS
Refer to all articles for transmitting antenna	--	--	5.2	PASS
OPERATING FREQUENCY 2402 TO 2480MHZ				
High Frequency/modulation section cannot be opened easily	--	3.7 (1)	5.11	PASS
Communication method	--	3.1 (1)	1.3	PASS
Modulation method	--	3.2 (1)a	1.3	PASS
Spread spectrum method	--	3.2 (1)a	5.5	PASS
Antenna power	--	3.2 (2)	5.7	PASS
Absolute gain of transmitting antenna	--	3.6 (2)	5.7	PASS
Angular width of principal radiation (AWPR)	--	3.6 (2)	5.7	PASS
Number of carriers within 1 MHz bandwidth in OFDM	--	3.2 (10)	1.3	PASS
Diffusion bandwidth	--	3.2 (8)	5.5	PASS
Spreading factor	--	3.2 (9)	5.5	PASS
Interference Prevention Function	--	3.4.1 (1)	5.10	PASS
Carrier Sense Capability	--	3.4.1 (3)	5.9	PASS
Note:				
1) N/A: In this whole report not applicable.				
Disclaimer and Explanations:				
The declared of product specification and data (e.g. antenna gain, RF specification, etc) for EUT presented in the report are provided by the customer, and the customer takes all the responsibilities for the accuracy of product specification.				

3. EQUIPMENT LIST

Used	Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
☒	EXA Spectrum Analyzer	KEYSIGHT	N9020A	MY51286807	24-Oct-2025	23-Oct-2026
☒	USB Wideband Power Sensor	KEYSIGHT	U2021XA	MY55430035	24-Oct-2025	23-Oct-2026
☒	MXG X-Series RF Vector Signal Generator	KEYSIGHT	N5182B	MY51350267	24-Oct-2025	23-Oct-2026
☐	Wideband Radio Communication Tester	R&S	CMW500	120932	28-Mar-2025	27-Mar-2026
☐	DC Source	KIKUSUI	PWR400L	LK003024	13-Jun-2025	12-Jun-2026
☐	Digital multimeter	FLUKE	15B MAX-01/CN	65041218WS	03-Nov-2025	02-Nov-2026

Note 1: Calibration Method

- Calibration conducted by the National Institute of Information and Communications Technology [NICT](#) or a designated calibration agency under Article 102-18 paragraph
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the [NICT](#) or a designated calibration agency under Article 102-18 paragraph
- 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

The all calibration corresponds to c) described above.

Note 2: Calibration information

Calibration Agency: Guangzhou LiSai Metrology & Test Co., Ltd.

Address: No.8, South Street Shi Ji Institute Guangzhou, Guangdong, China

4. TEST CONFIGURATION

4.1 ENVIRONMENTAL CONDITIONS FOR TESTING

4.1.1 Normal or Extreme Test Conditions

Environment Parameter	Selected Values During Tests		
Test Condition	Ambient		
	Temperature (°C)	Voltage	Relative Humidity (%)
TN/VN	+15 to +35	18VDC	45%-85%
Remark: 1) VN: Normal Voltage; TN: Normal Temperature.			

4.1.2 Record of Normal Environment and Test Sample

Test Item	Temp. (°C)	Relative Humidity (%)	Pressure (kPa)	Sample No.	Tested by
Frequency Tolerance	20.7	52.0	100.8	S202601127558-ZJA02/2	David Du
Occupied bandwidth & Spreading bandwidth					
Spurious emissions					
Antenna power					
Spurious emissions of receiver					

4.2 TEST CHANNELS

Mode	Tx/Rx Frequency	Test RF Channel Lists		
		Lowest(L)	Middle(M)	Highest(H)
IEEE 802.11b	2412 MHz to 2472 MHz	Channel 1	Channel 7	Channel 13
		2412 MHz	2442 MHz	2472 MHz
IEEE 802.11g	2412 MHz to 2472 MHz	Channel 1	Channel 7	Channel 13
		2412 MHz	2442 MHz	2472 MHz
IEEE 802.11n-HT20 IEEE 802.11ax-HE20	2412 MHz to 2472 MHz	Channel 1	Channel 7	Channel 13
		2412 MHz	2442 MHz	2472 MHz
IEEE 802.11n-HT40 IEEE 802.11ax-HE40	2422 MHz to 2462 MHz	Channel 3	Channel 7	Channel 11
		2422 MHz	2442 MHz	2462 MHz

4.3 EUT TEST STATUS

Mode	Tx/Rx Function	Description
IEEE 802.11b IEEE 802.11g	1Tx/1Rx	Keep the EUT in continuously transmitting or receiving with modulation and data rates test single.
IEEE 802.11n-HT20/ax-HE20 IEEE 802.11n-HT40/ax-HE40	2Tx/2Rx	Keep the equipment in normal operation and achieve a certain throughput.

Test Software (Provided by the customer)
DRTU.07332.23.90.0

Power Setting (Provided by the customer)		
Mode	Antenna 1	Antenna 2
IEEE 802.11b	16	16
IEEE 802.11g	16	16
IEEE 802.11n-HT20	12	12
IEEE 802.11n-HT40	11	11
IEEE 802.11ax-HE20	11	11
IEEE 802.11ax-HE40	10	10

4.4 PRE-SCAN

4.4.1 Worst-case data rates

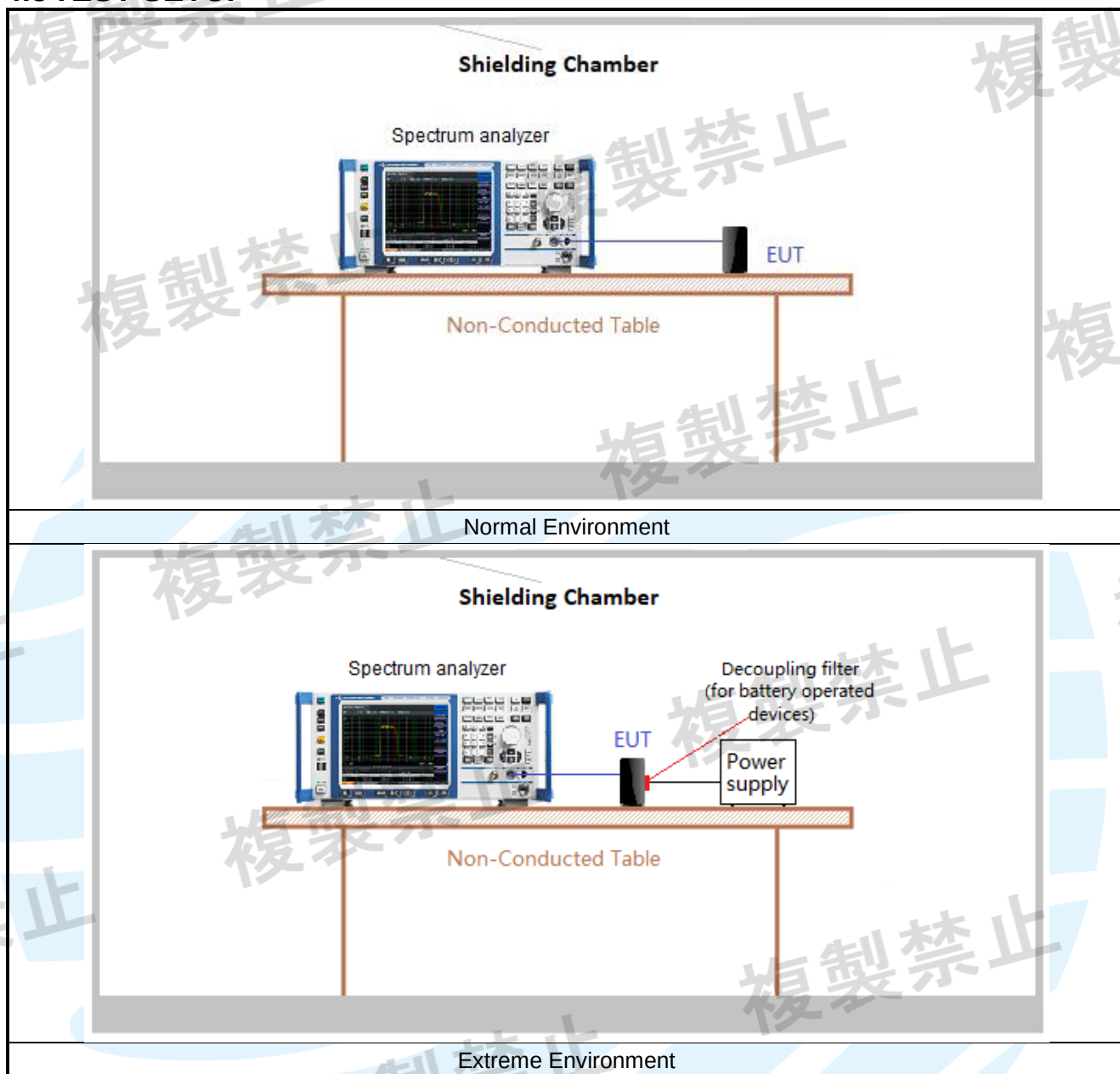
Mode	Worst-case data rates
IEEE 802.11b	1 Mbps
IEEE 802.11g	6 Mbps
IEEE 802.11n-HT20	MCS0
IEEE 802.11n-HT40	MCS0
IEEE 802.11ax-HE20	MCS0
IEEE 802.11ax-HE40	MCS0

4.4.2 Tested channel detail

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.

Mode	IEEE 802.11b	IEEE 802.11g	IEEE 802.11n-HT20/ ax-HE20	IEEE 802.11n-HT40/ ax-HE40
Modulation Technology	DSSS	OFDM	OFDM	OFDM
Available Channel	1 to 13	1 to 13	1 to 13	3 to 11
Data Rates	1 Mbps	6 Mbps	MCS0	MCS0
Test Item	Test Channel			
Frequency Tolerance	Unmodulation or modulation mode Channel 1 & 7 & 13 or Channel 3 & 7 & 11			
	1, 7, 13	1, 7, 13	1, 7, 13	3, 7, 11
Occupied bandwidth & Spreading bandwidth	1, 7, 13	1, 7, 13	1, 7, 13	3, 7, 11
Spurious emissions	1, 7, 13	1, 7, 13	1, 7, 13	3, 7, 11
Antenna power	1, 7, 13	1, 7, 13	1, 7, 13	3, 7, 11
Spurious emissions of receiver	1, 7, 13	1, 7, 13	1, 7, 13	3, 7, 11
Receiver spurious emissions	1, 7, 13	1, 7, 13	1, 7, 13	3, 7, 11

4.5 TEST SETUP



5.1 REFERENCE DOCUMENTS FOR TESTING

MIC Notification No. 88 Appendix No.43 (2004) of the Ordinance Concerning Technical Regulations
Conformity Certification of Specified Radio Equipment

5.2 ANTENNA REQUIREMENT

<http://www.uttlab.com>

5.3 FREQUENCY TOLERANCE

5.3.1 Limit

Tolerance of frequency shall be +/- 50ppm.

5.3.2 Test Setup

Refer to section 4.5 for details.

5.3.3 Instruments Used

Refer to section 3 for details

5.3.4 Test Procedures

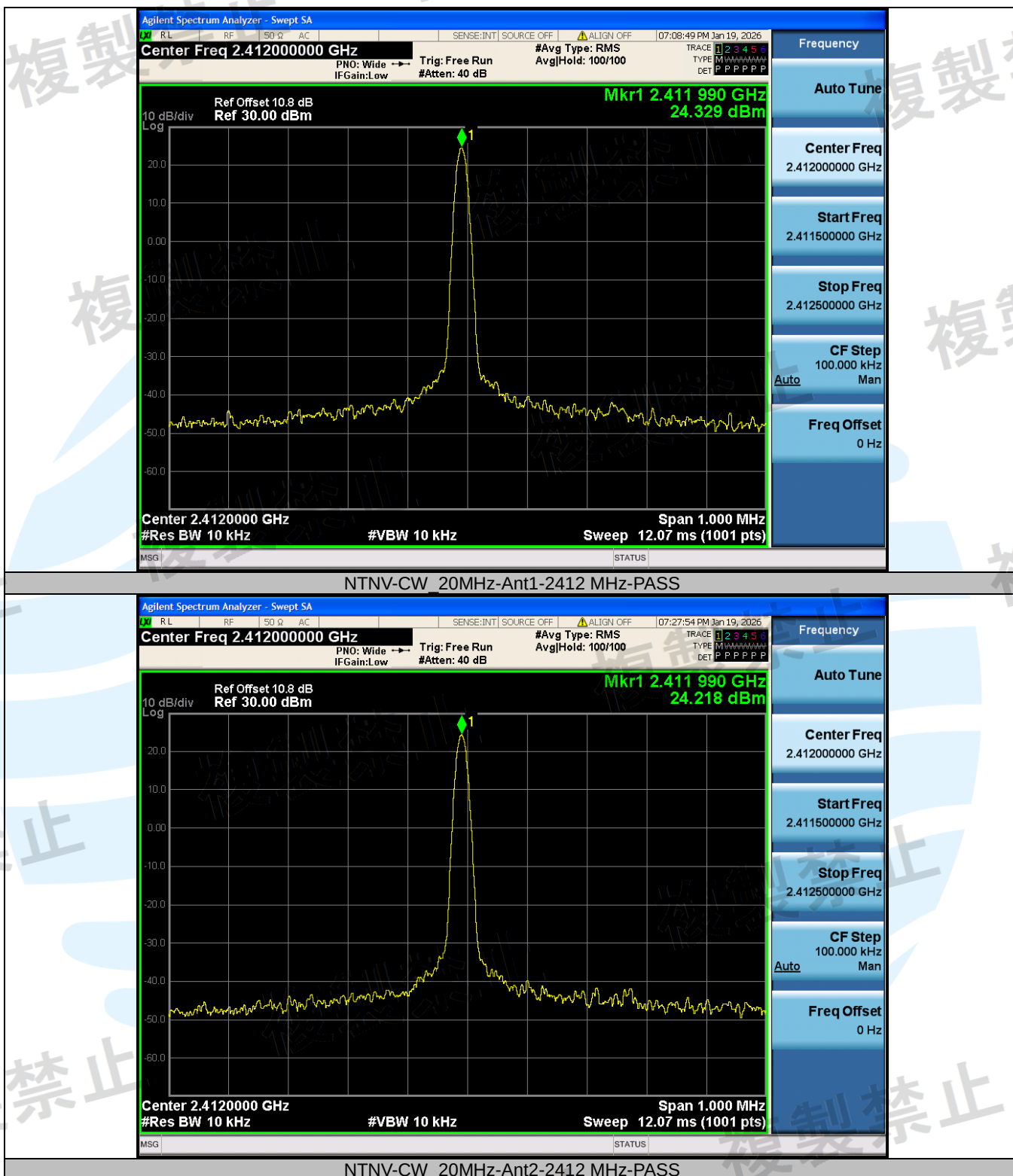
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Use the following spectrum analyzer settings:

1. Center Frequency = test frequency
2. RBW = 10kHz, VBW = 10kHz;
3. Sweep = auto;
4. Detector function = peak
5. Trace = max hold
6. The frequency tolerance test case is directly measured using spectrum analyzer. Then the frequency error formula is $(f-f_c)/f_c \times 10^6$ ppm and the limit is less than ± 50 ppm.

5.3.5 Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Center Freq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	CW_20MHz	Ant1	2412	2411.99	-4.14594	±50	PASS
NTNV	CW_20MHz	Ant2	2412	2411.99	-4.14594	±50	PASS
NTNV	CW_20MHz	Ant1	2442	2441.99	-4.09500	±50	PASS
NTNV	CW_20MHz	Ant2	2442	2441.99	-4.09500	±50	PASS
NTNV	CW_20MHz	Ant1	2472	2471.99	-4.04531	±50	PASS
NTNV	CW_20MHz	Ant2	2472	2471.991	-3.64078	±50	PASS
NTNV	CW_40MHz	Ant1	2422	2421.99	-4.12882	±50	PASS
NTNV	CW_40MHz	Ant2	2422	2421.991	-3.71594	±50	PASS
NTNV	CW_40MHz	Ant1	2442	2441.99	-4.09500	±50	PASS
NTNV	CW_40MHz	Ant2	2442	2441.991	-3.68550	±50	PASS
NTNV	CW_40MHz	Ant1	2462	2461.99	-4.06174	±50	PASS
NTNV	CW_40MHz	Ant2	2462	2461.991	-3.65557	±50	PASS

**Shenzhen UnionTrust Quality and Technology Co., Ltd.**

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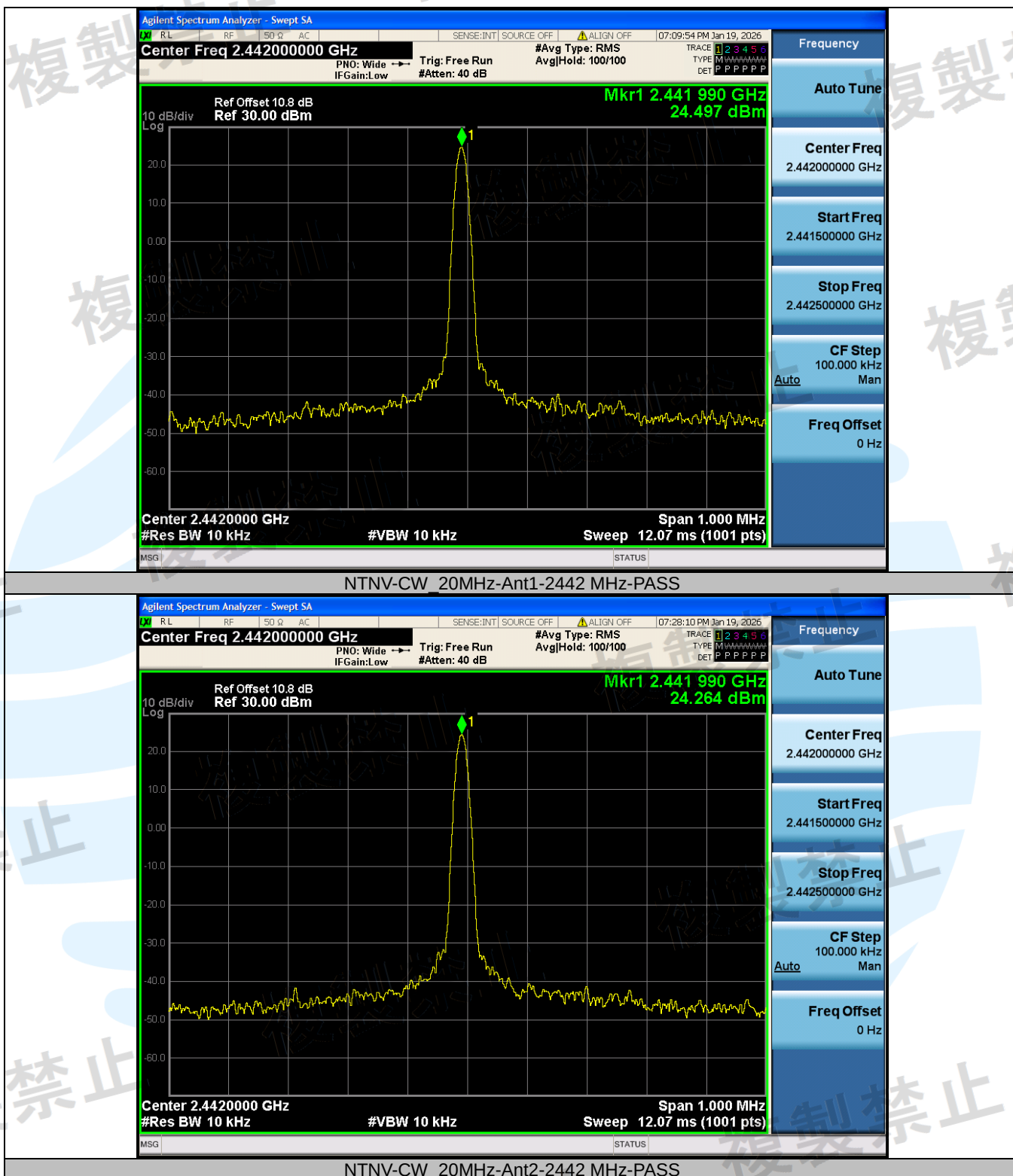
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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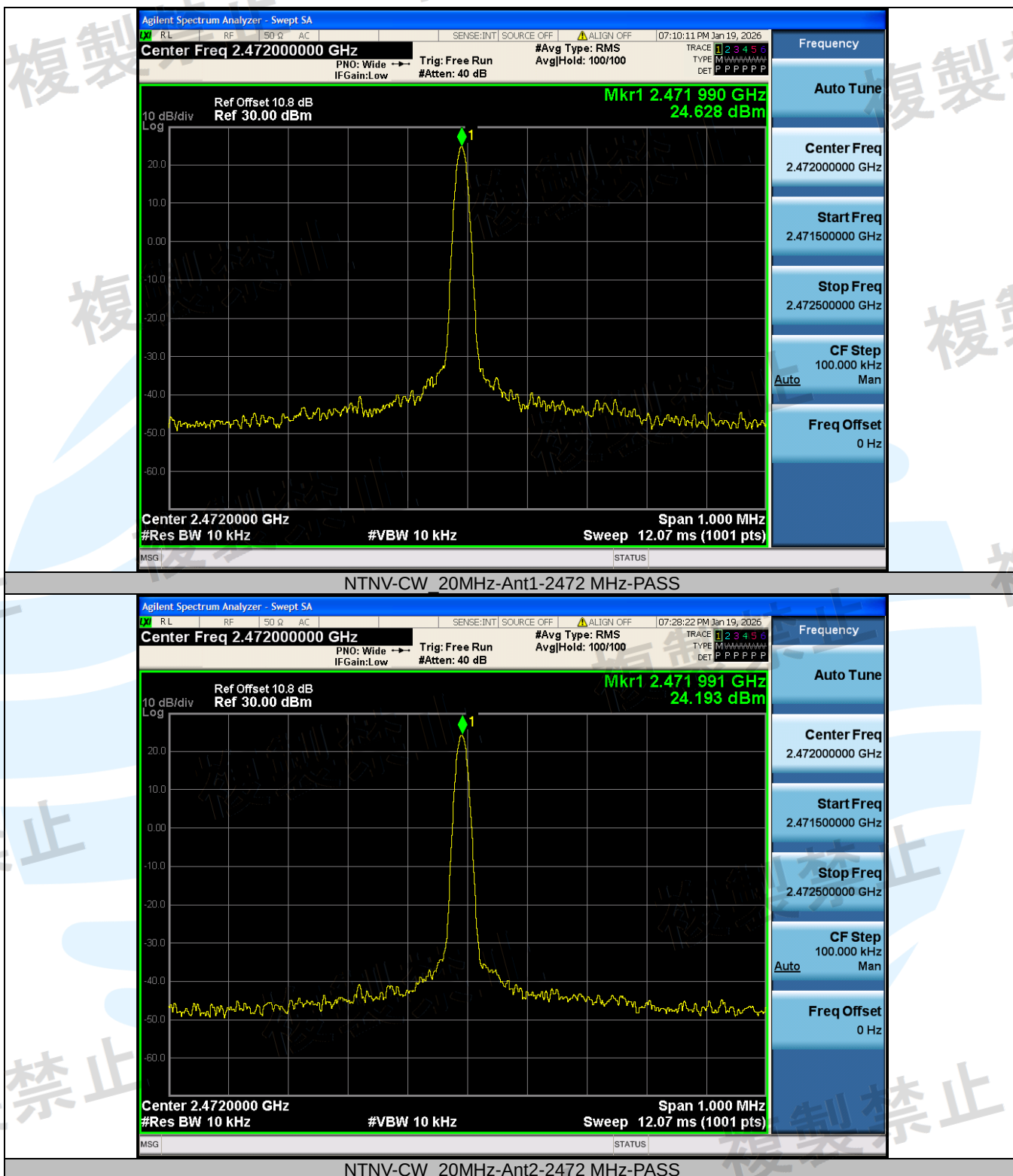
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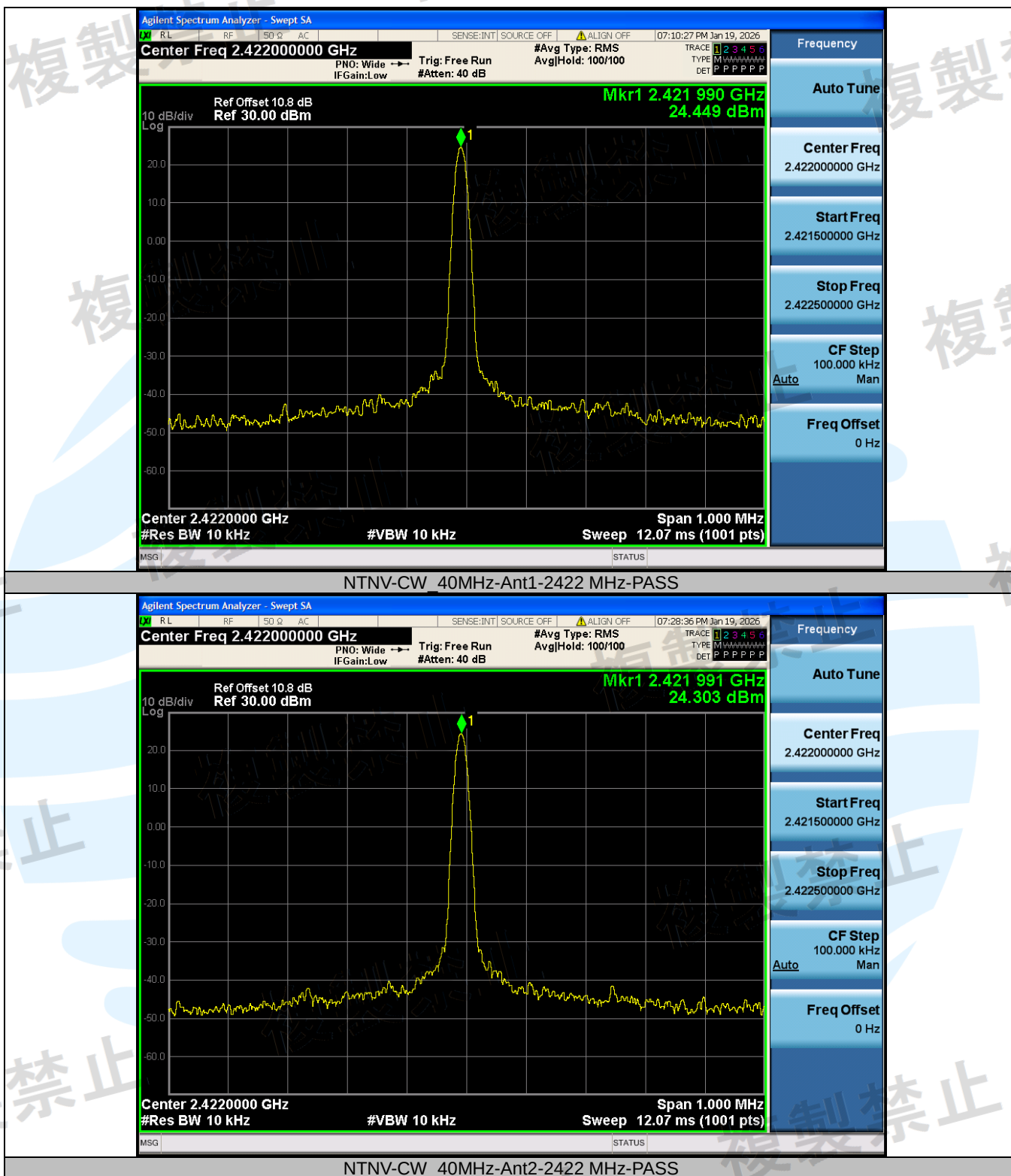
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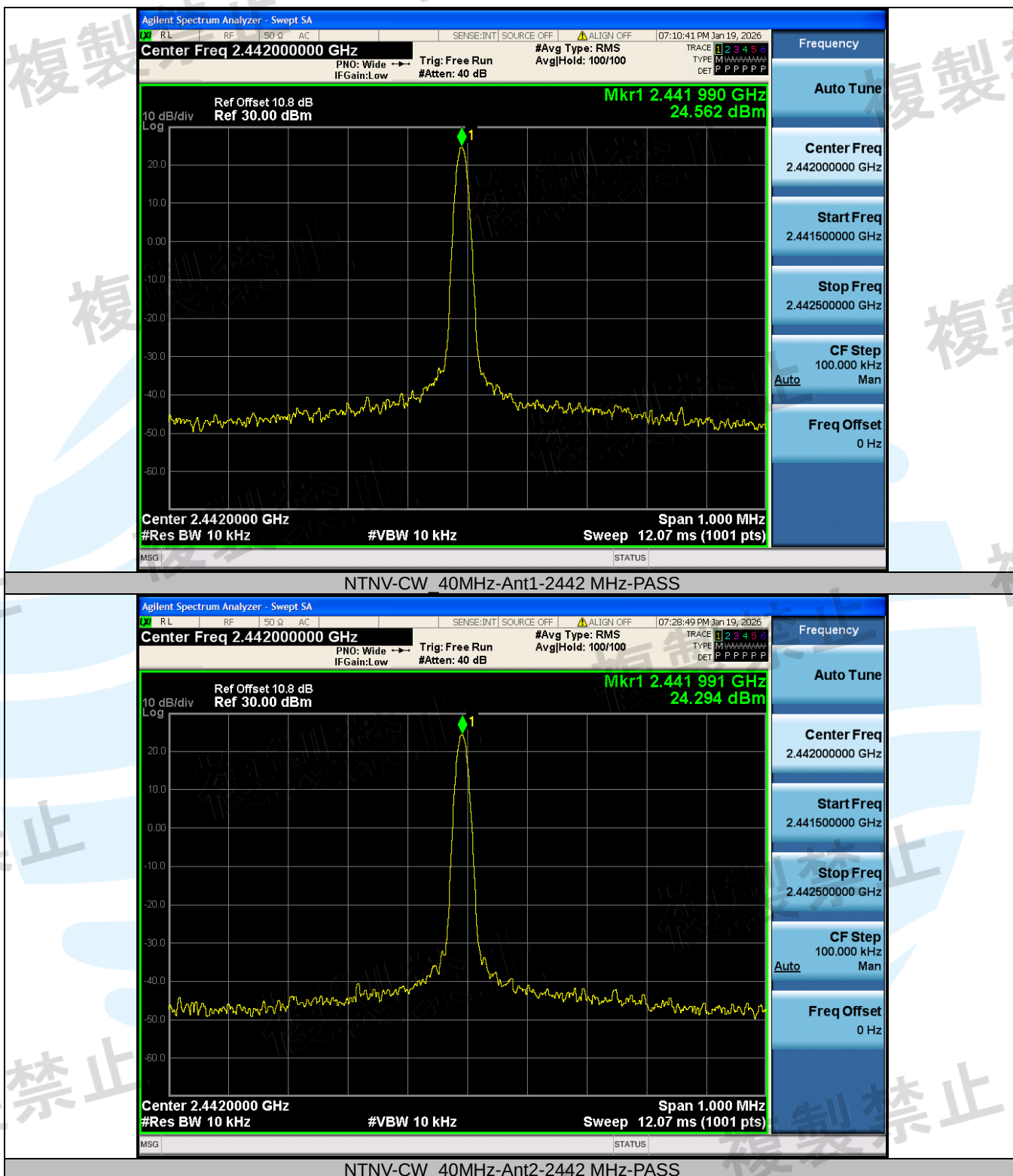
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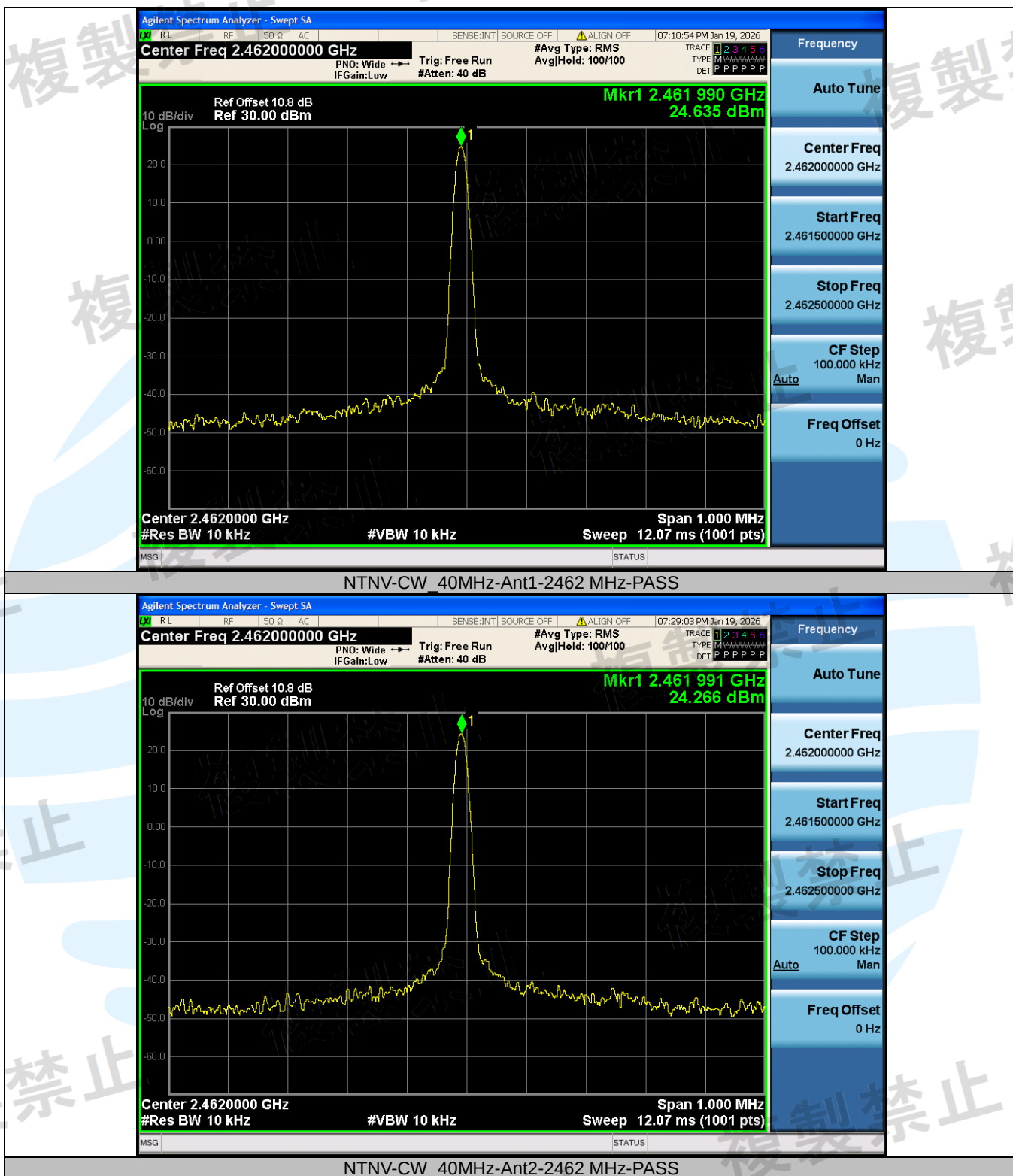
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Tel: +86-755-28230888

Fax: +86-755-28230886

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5.4 OCCUPIED BANDWIDTH (99% BW)

5.4.1 Limit

Item	Limits
Occupied Bandwidth	For BW = 20MHz: $\leq 26\text{MHz}$
	For BW = 40MHz: $\leq 40\text{MHz}$

5.4.2 Test Setup

Refer to section 4.5 for details.

5.4.3 Instruments Used

Refer to section 3 for details

5.4.4 Test Procedures

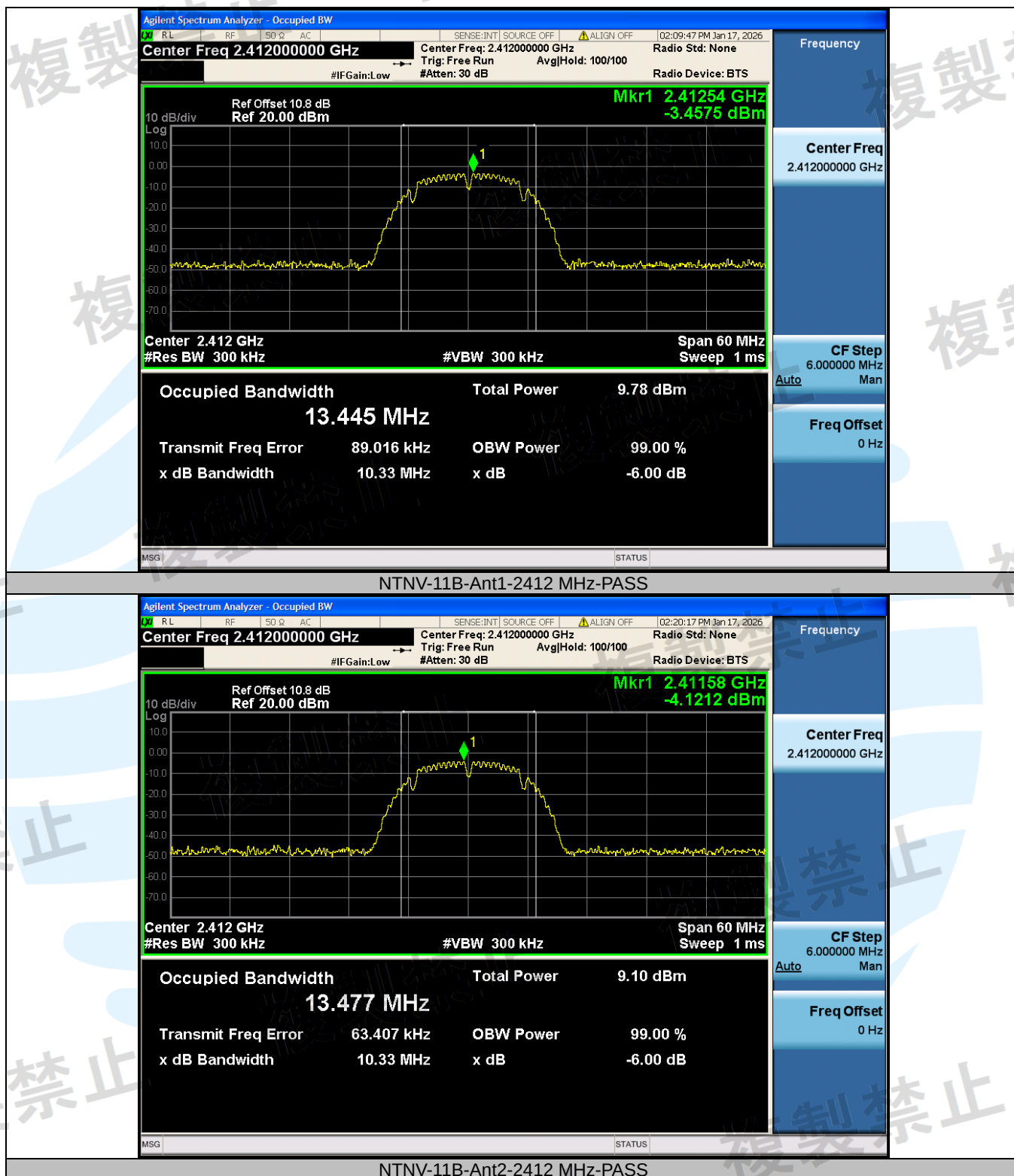
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

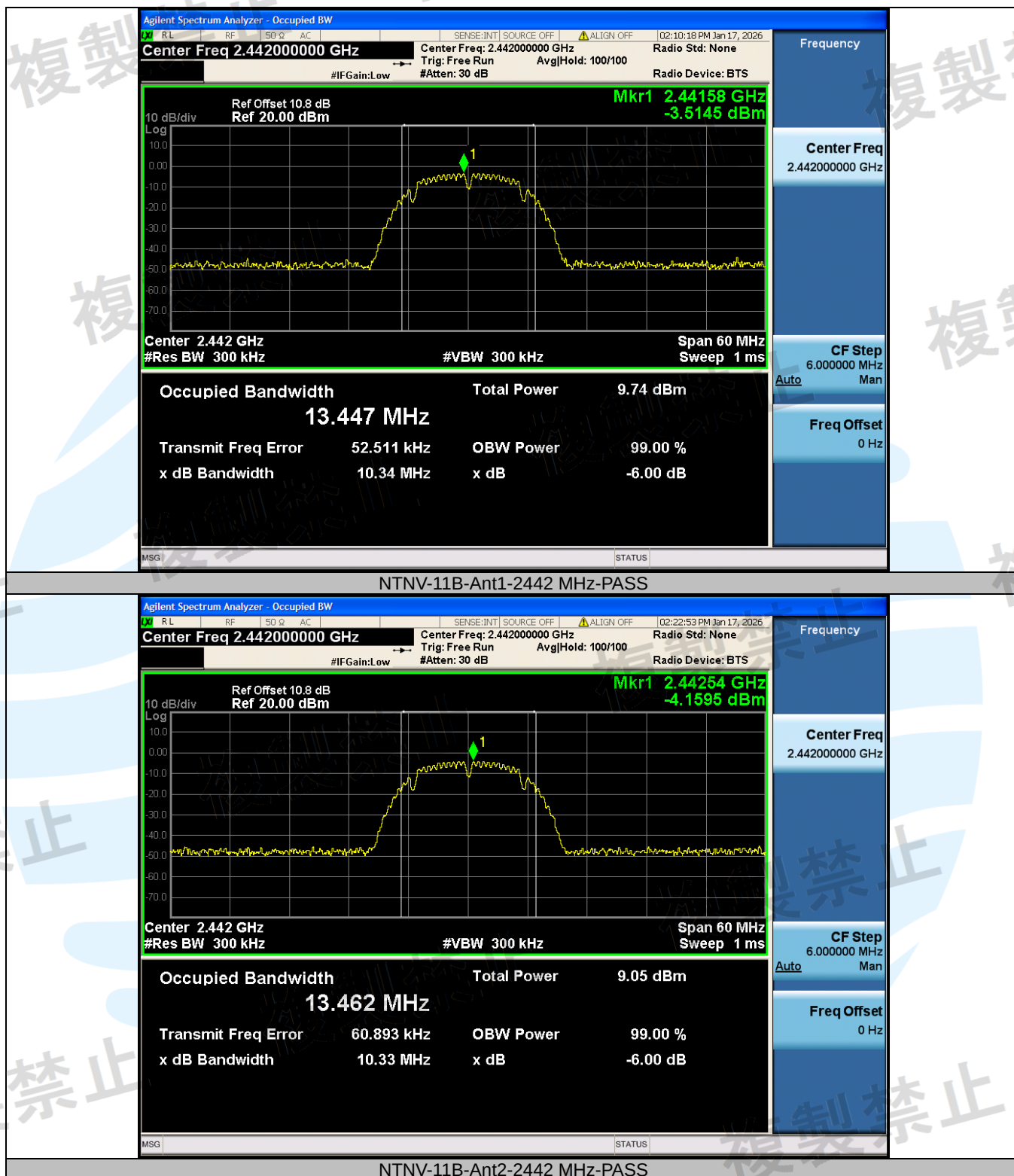
Use the following spectrum analyzer settings:

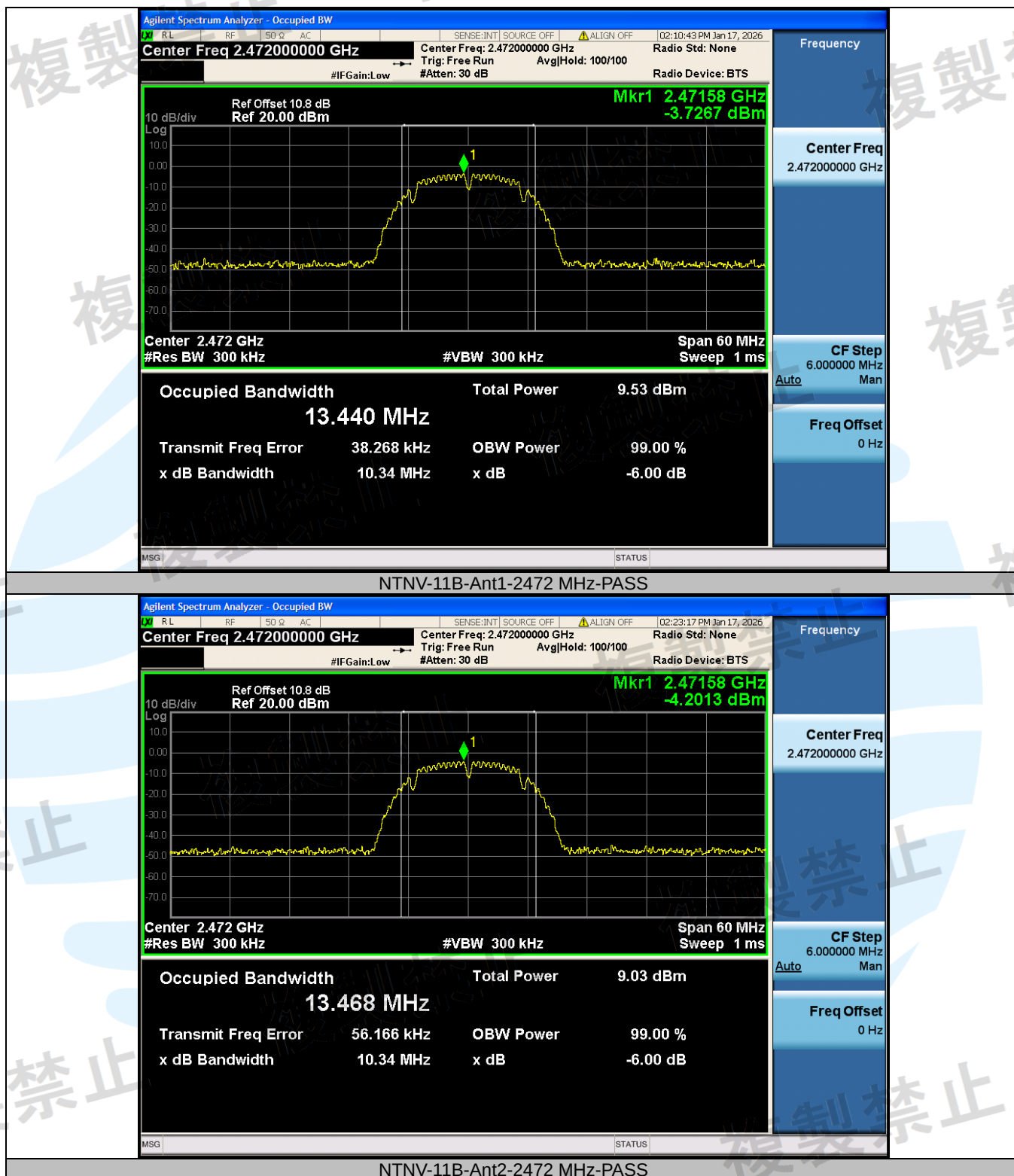
1. Center Frequency = test frequency
2. Span = 2 to 3.5 times BW
3. RBW = 300kHz, VBW = 300kHz;
4. Sweep = auto;
5. Trace = max hold
6. Use the 99 % bandwidth function of the spectrum analyser to measure the Occupied Channel Bandwidth of the UUT. This value shall be recorded.

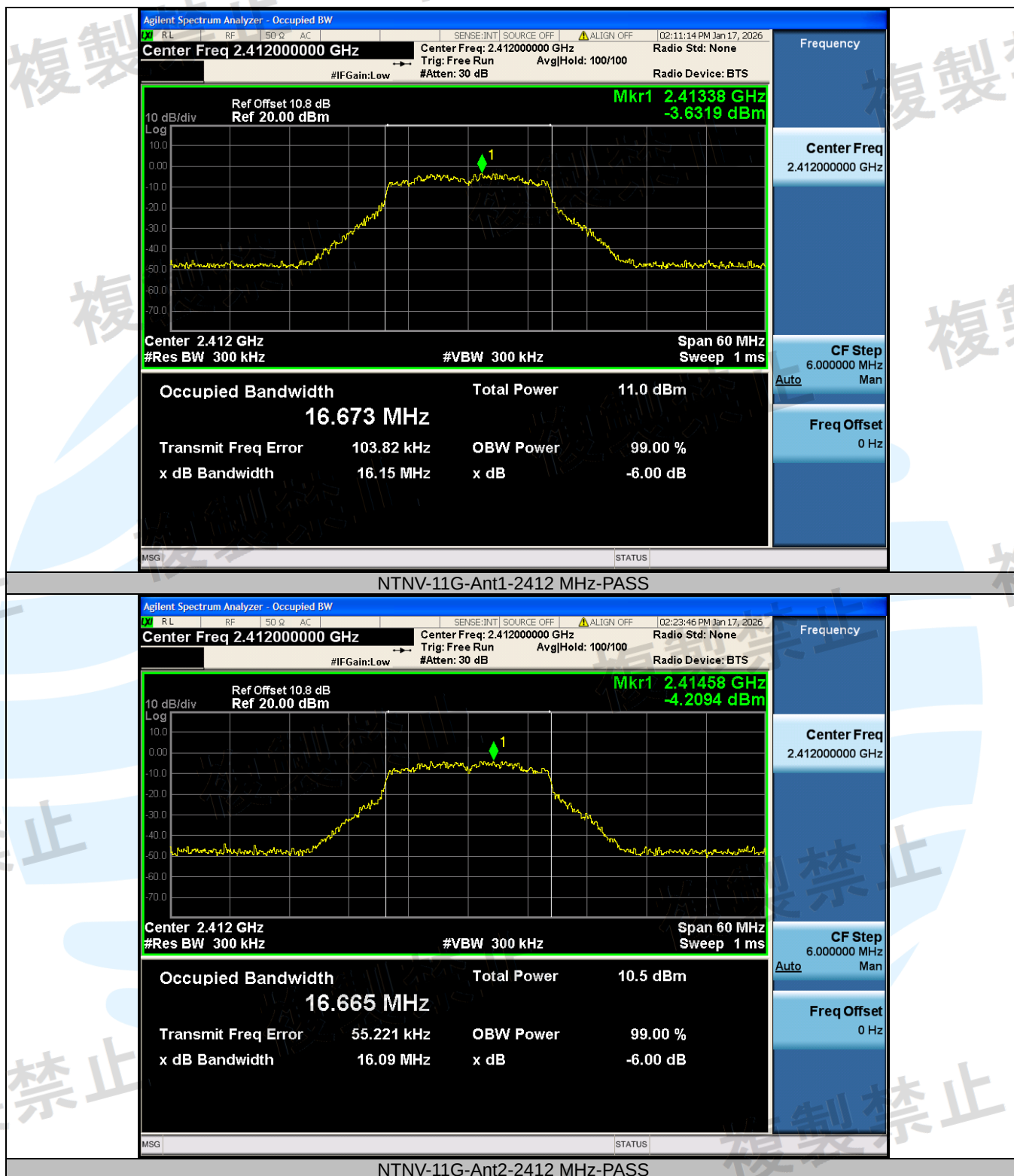
5.4.5 Test Result

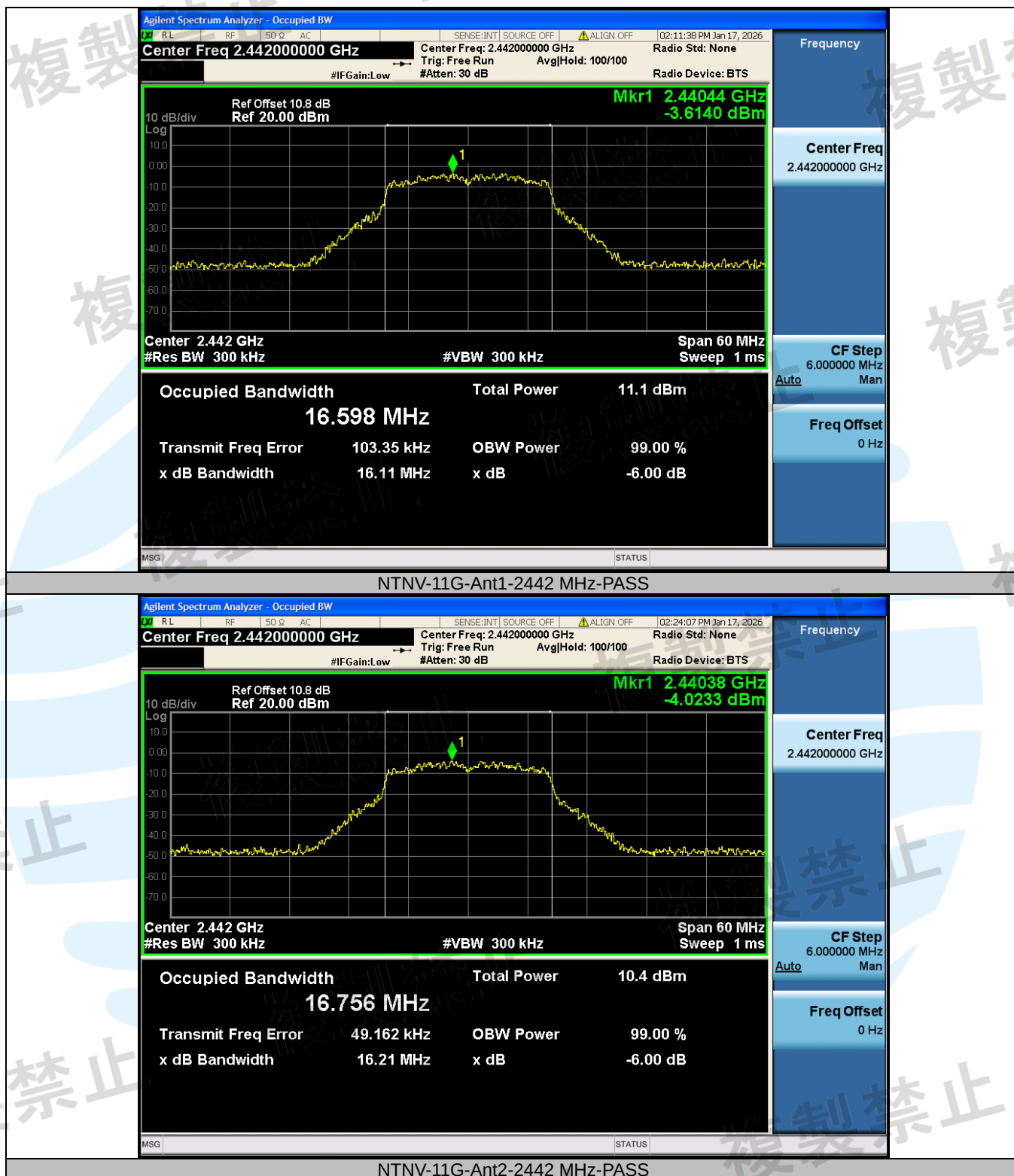
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11B	Ant1	2412	13.445	≤26	PASS
NTNV	11B	Ant2	2412	13.477	≤26	PASS
NTNV	11B	Ant1	2442	13.447	≤26	PASS
NTNV	11B	Ant2	2442	13.462	≤26	PASS
NTNV	11B	Ant1	2472	13.440	≤26	PASS
NTNV	11B	Ant2	2472	13.468	≤26	PASS
NTNV	11G	Ant1	2412	16.673	≤26	PASS
NTNV	11G	Ant2	2412	16.665	≤26	PASS
NTNV	11G	Ant1	2442	16.598	≤26	PASS
NTNV	11G	Ant2	2442	16.756	≤26	PASS
NTNV	11G	Ant1	2472	16.523	≤26	PASS
NTNV	11G	Ant2	2472	16.537	≤26	PASS
NTNV	11N20MIMO	Ant1	2412	17.716	≤26	PASS
NTNV	11N20MIMO	Ant2	2412	17.737	≤26	PASS
NTNV	11N20MIMO	Ant1	2442	17.721	≤26	PASS
NTNV	11N20MIMO	Ant2	2442	17.740	≤26	PASS
NTNV	11N20MIMO	Ant1	2472	17.660	≤26	PASS
NTNV	11N20MIMO	Ant2	2472	17.665	≤26	PASS
NTNV	11N40MIMO	Ant1	2422	35.822	26-40	PASS
NTNV	11N40MIMO	Ant2	2422	35.966	26-40	PASS
NTNV	11N40MIMO	Ant1	2442	35.902	26-40	PASS
NTNV	11N40MIMO	Ant2	2442	35.953	26-40	PASS
NTNV	11N40MIMO	Ant1	2462	36.137	26-40	PASS
NTNV	11N40MIMO	Ant2	2462	36.196	26-40	PASS
NTNV	11AX20MIMO	Ant1	2412	18.839	≤26	PASS
NTNV	11AX20MIMO	Ant2	2412	18.876	≤26	PASS
NTNV	11AX20MIMO	Ant1	2442	18.860	≤26	PASS
NTNV	11AX20MIMO	Ant2	2442	18.943	≤26	PASS
NTNV	11AX20MIMO	Ant1	2472	18.754	≤26	PASS
NTNV	11AX20MIMO	Ant2	2472	18.775	≤26	PASS
NTNV	11AX40MIMO	Ant1	2422	37.451	26-40	PASS
NTNV	11AX40MIMO	Ant2	2422	37.356	26-40	PASS
NTNV	11AX40MIMO	Ant1	2442	37.509	26-40	PASS
NTNV	11AX40MIMO	Ant2	2442	37.384	26-40	PASS
NTNV	11AX40MIMO	Ant1	2462	37.568	26-40	PASS
NTNV	11AX40MIMO	Ant2	2462	37.515	26-40	PASS

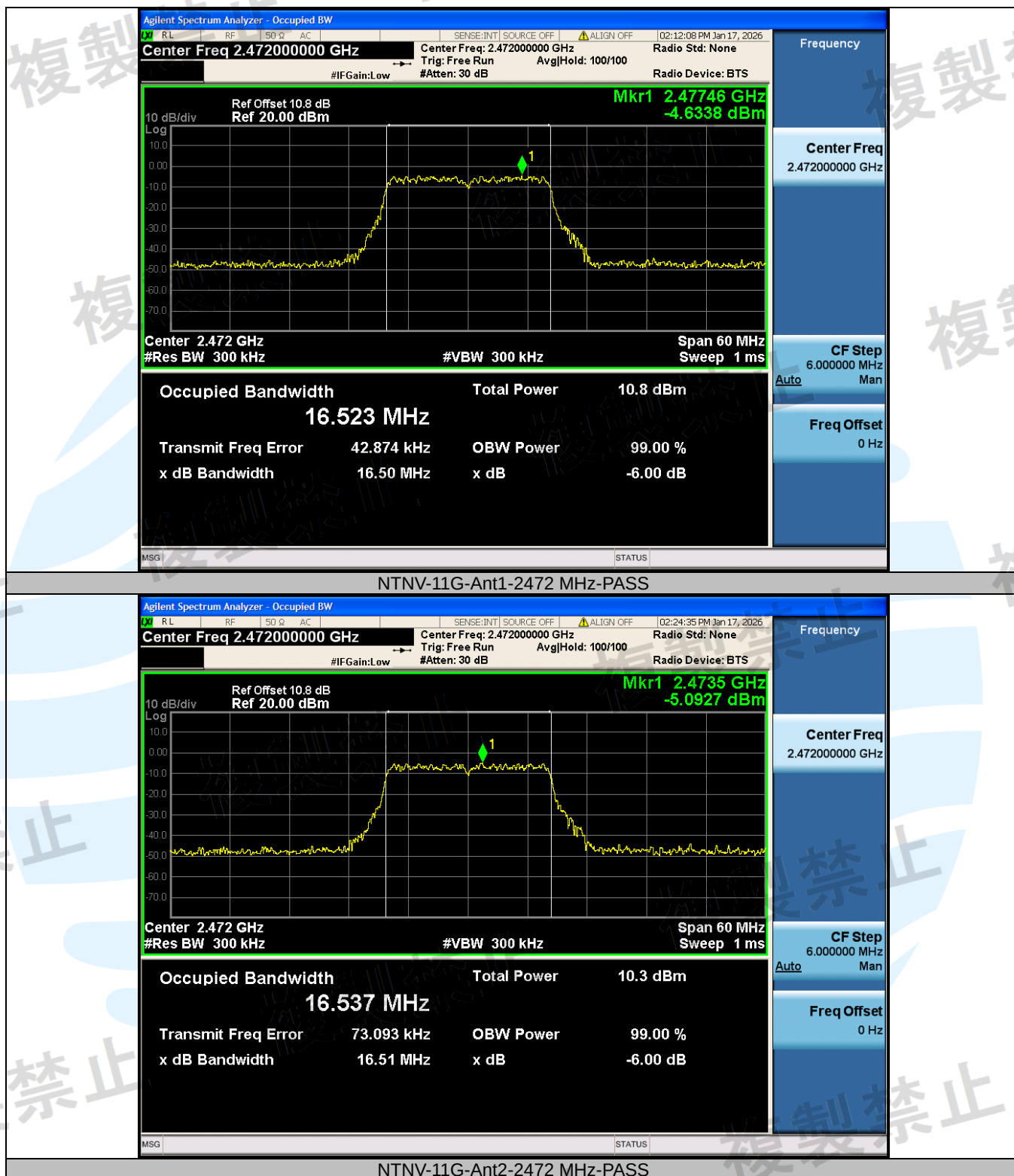


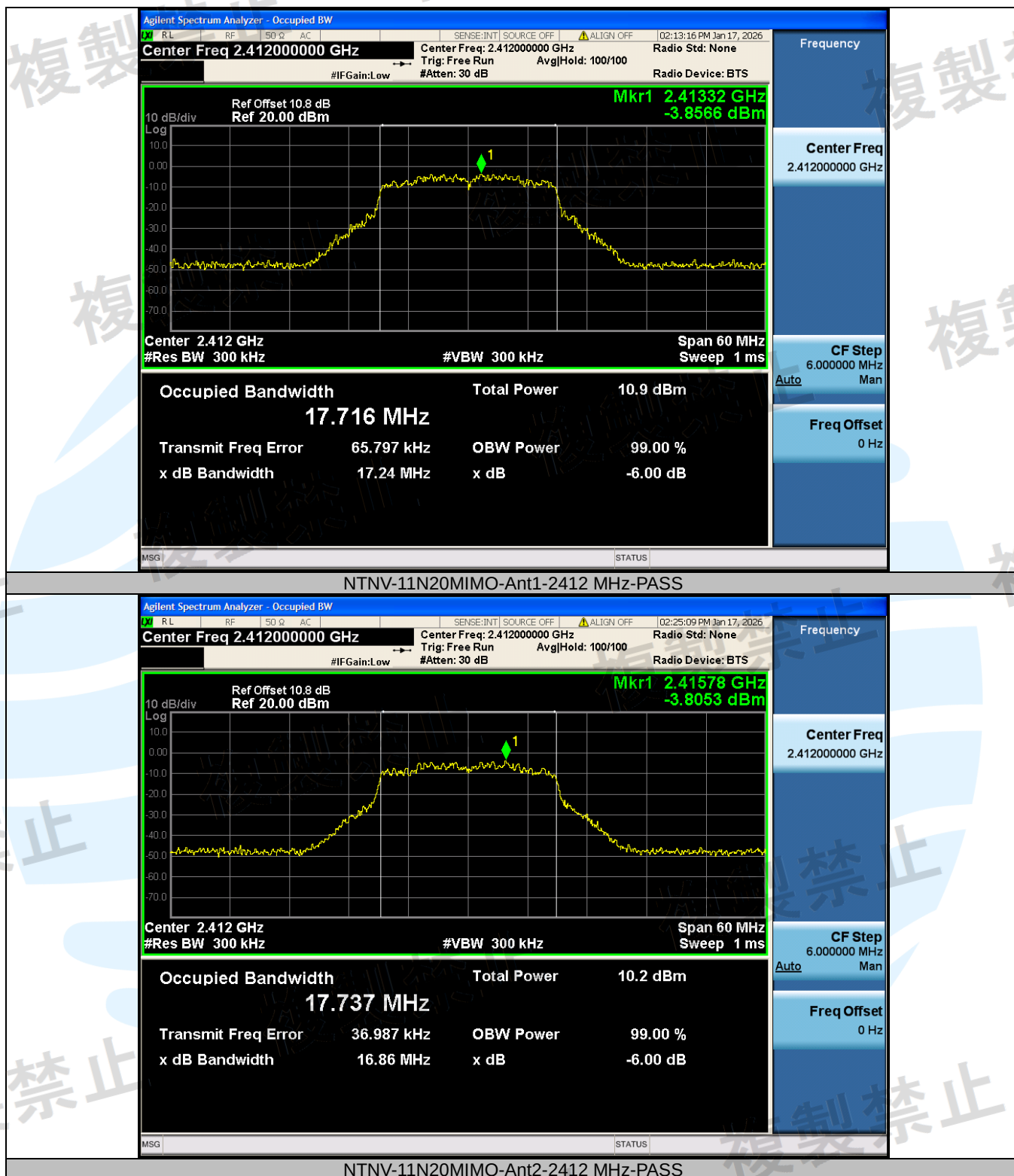


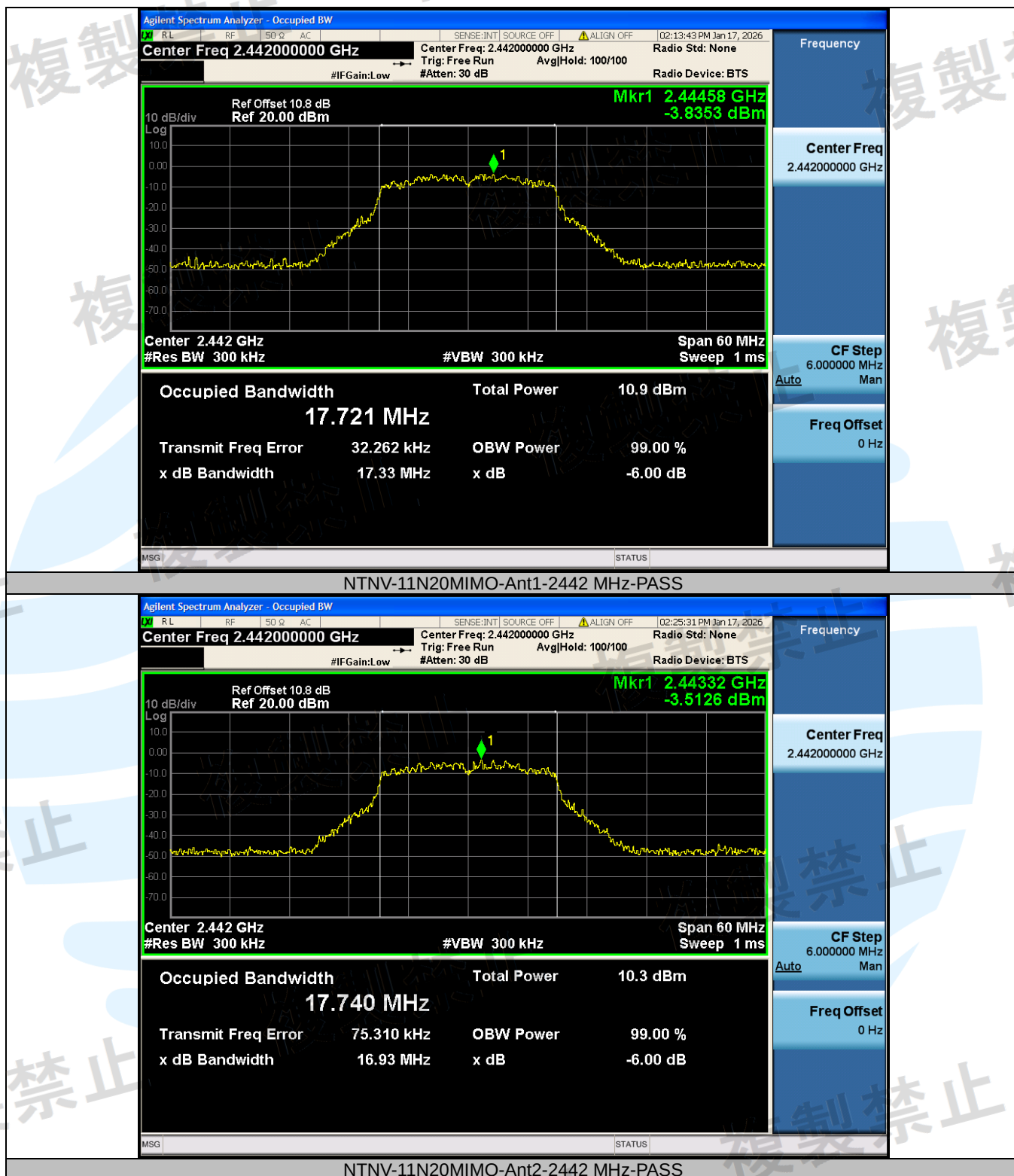


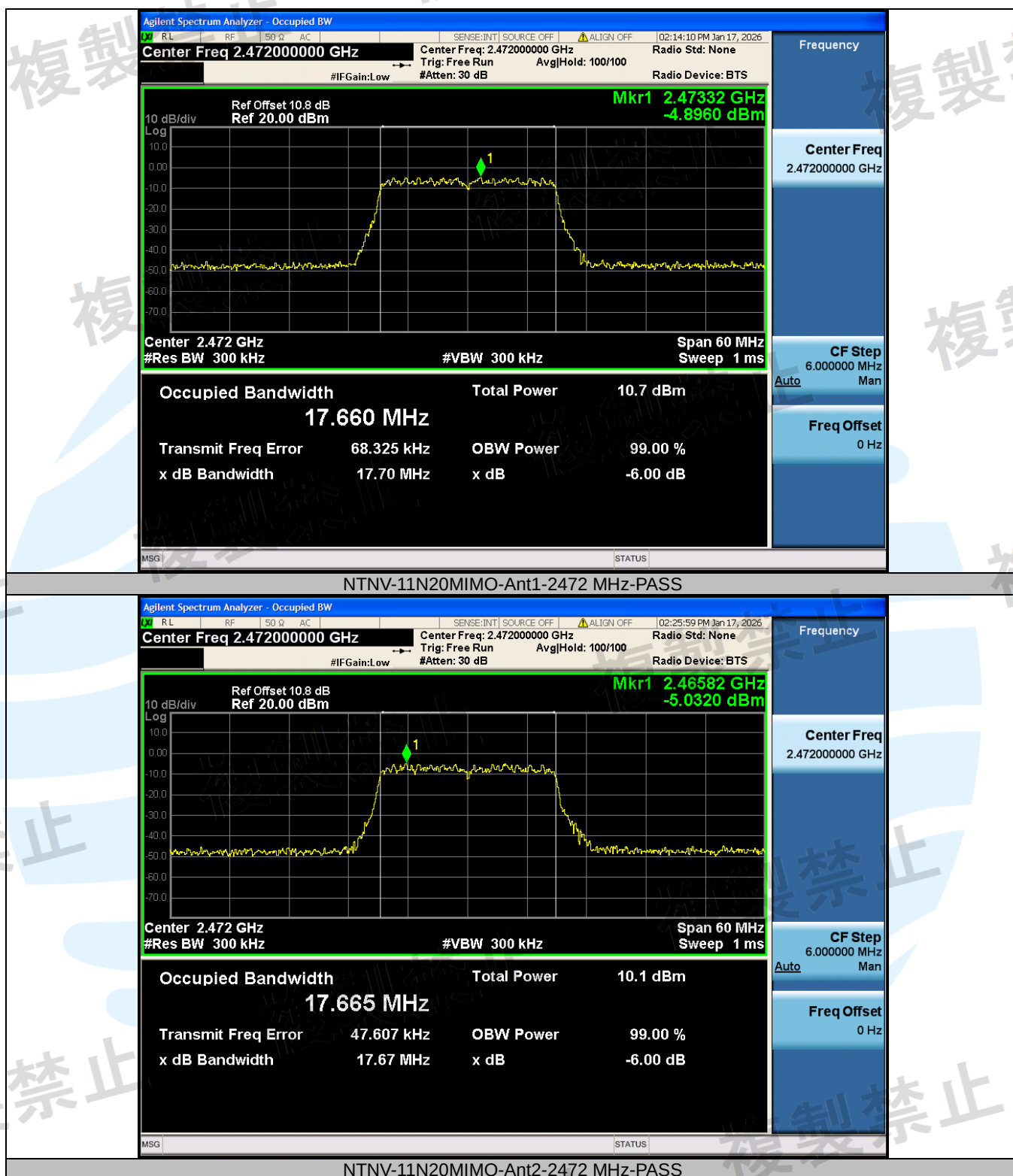


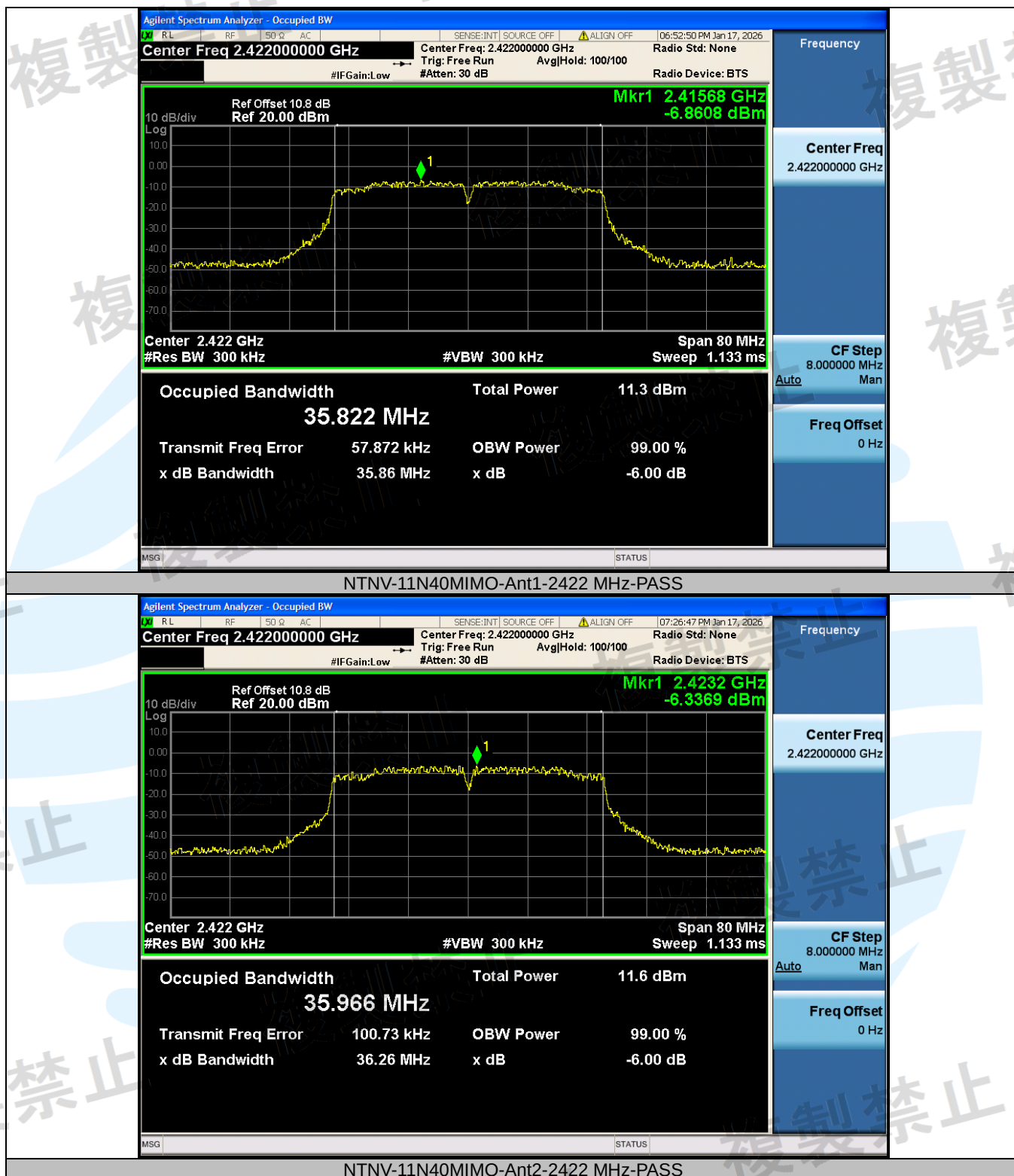


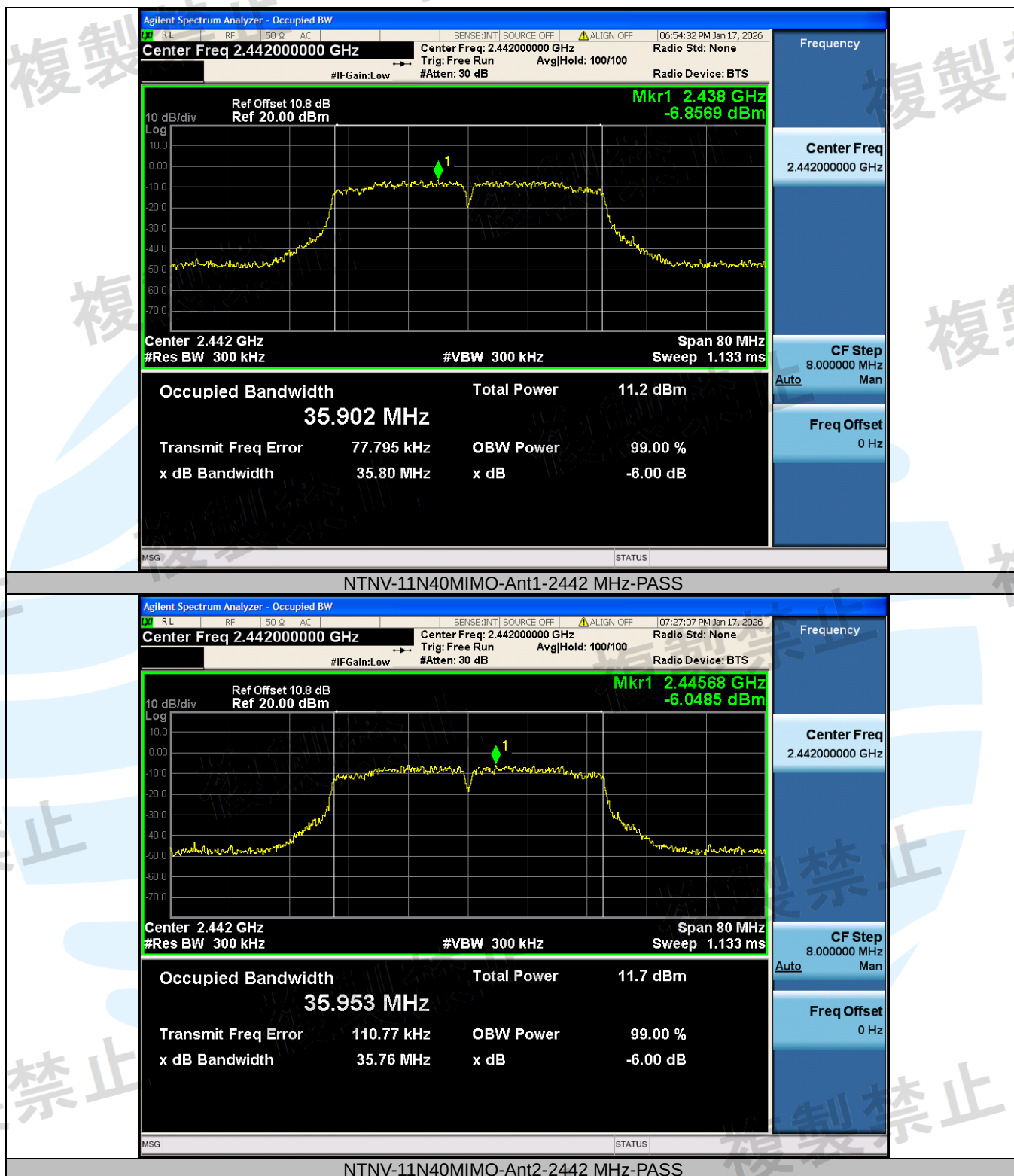


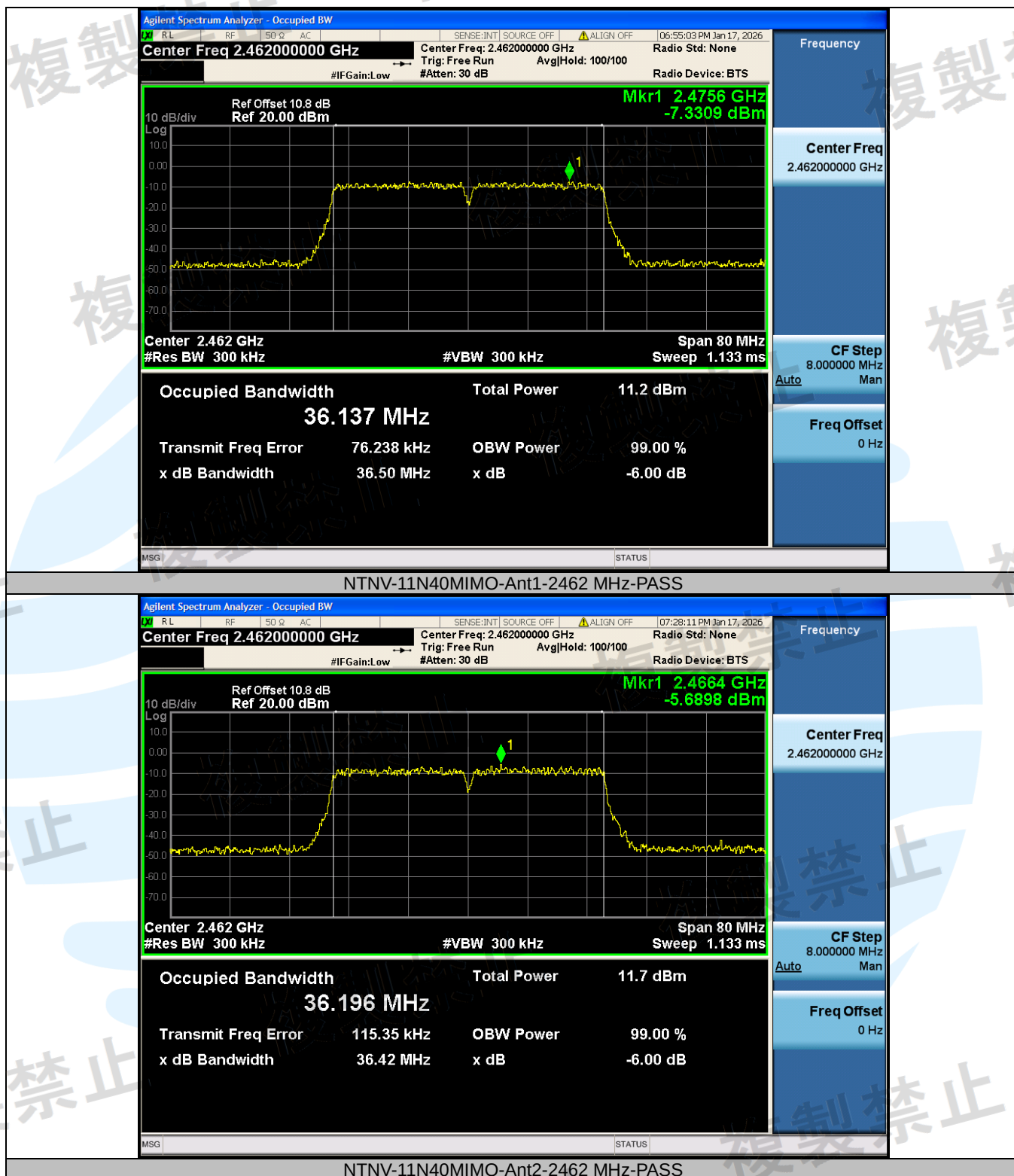


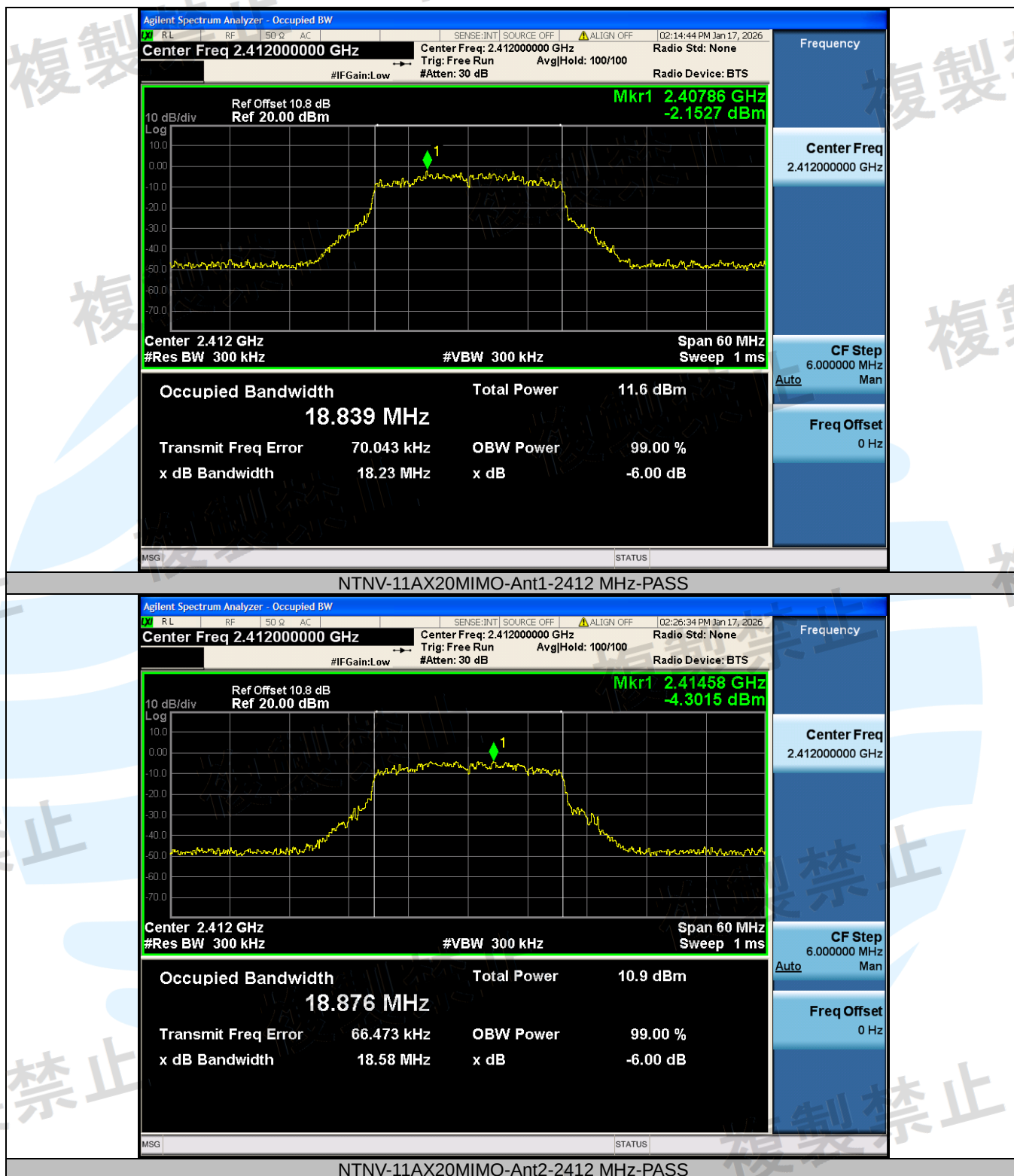


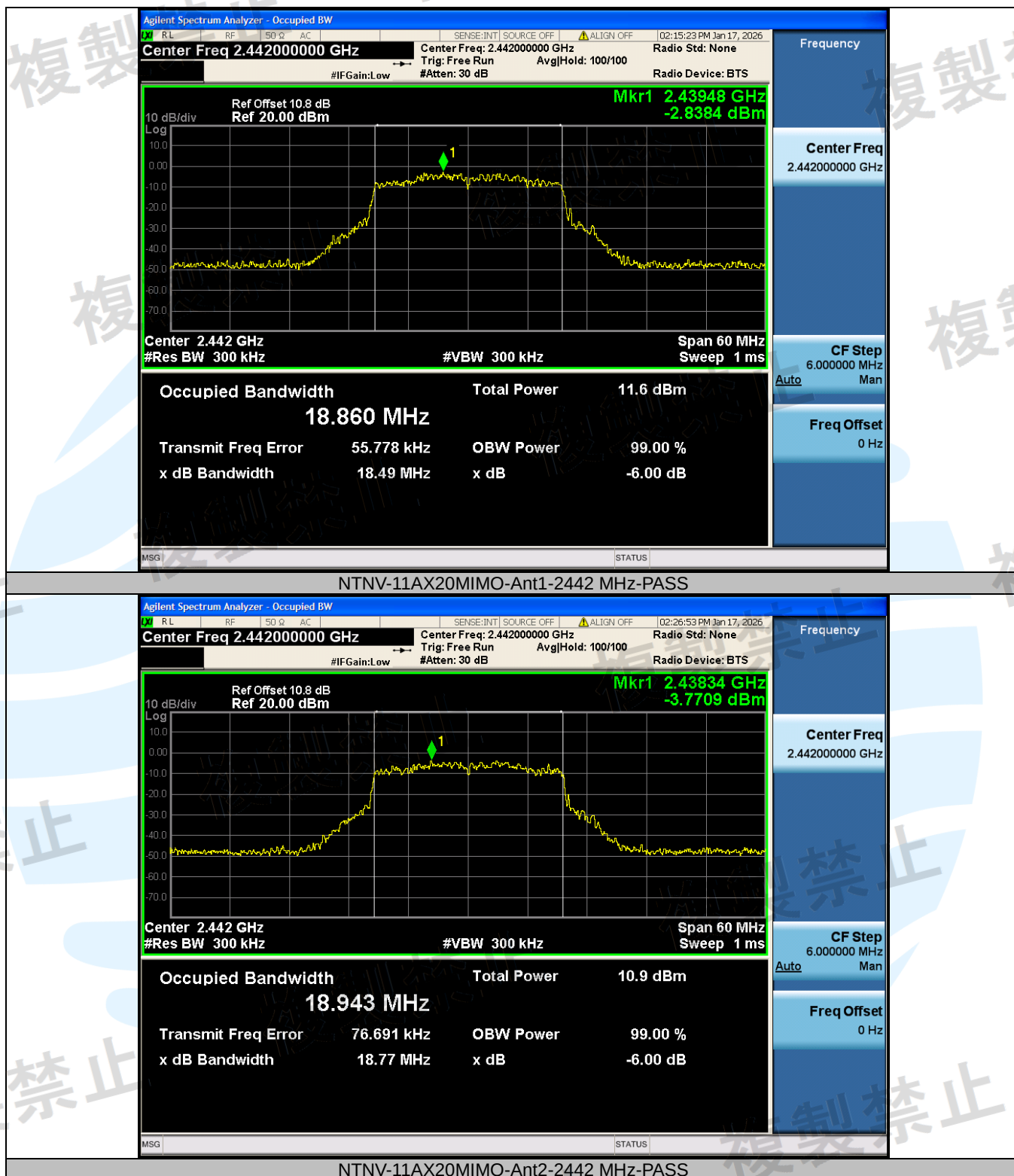


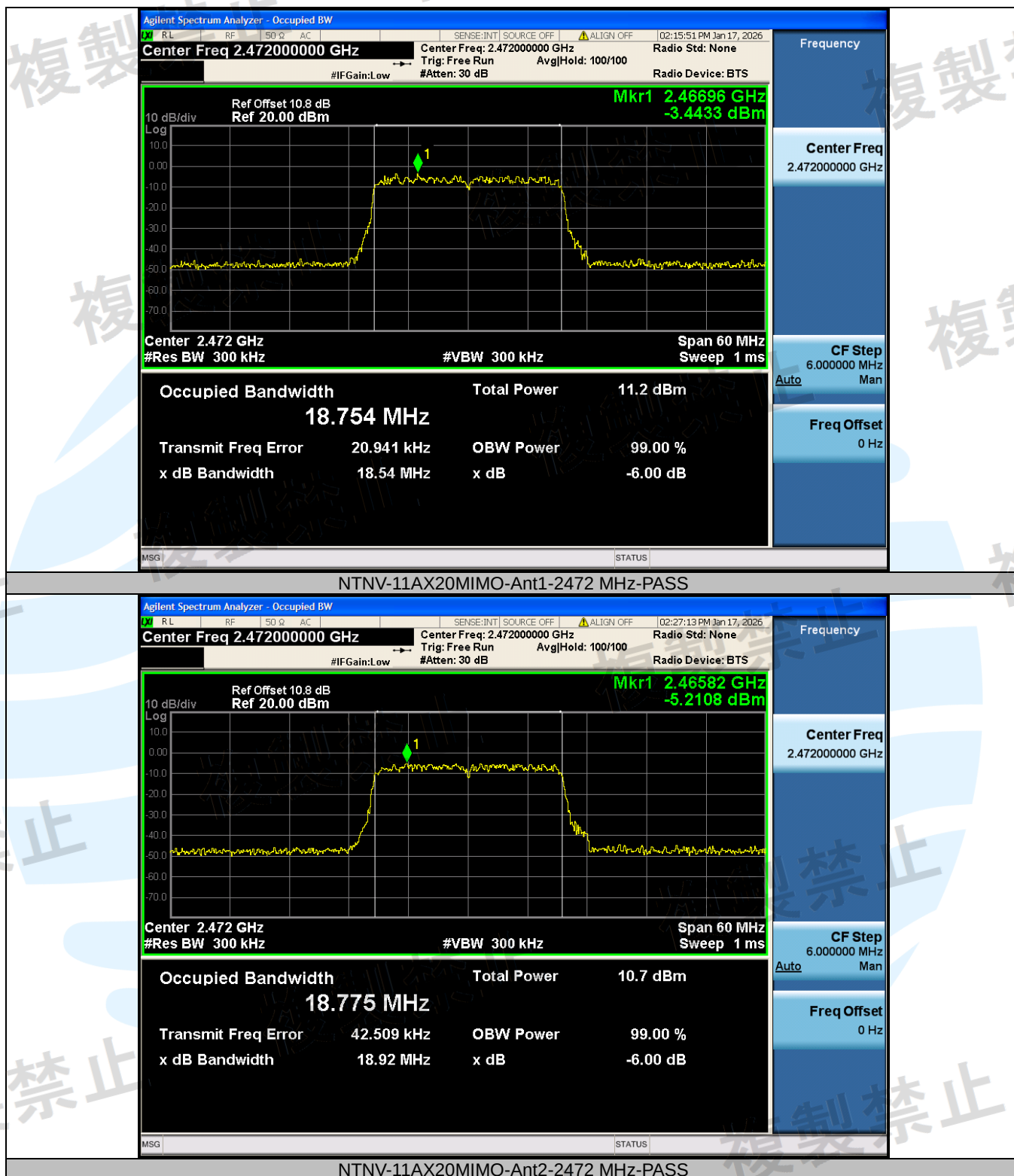


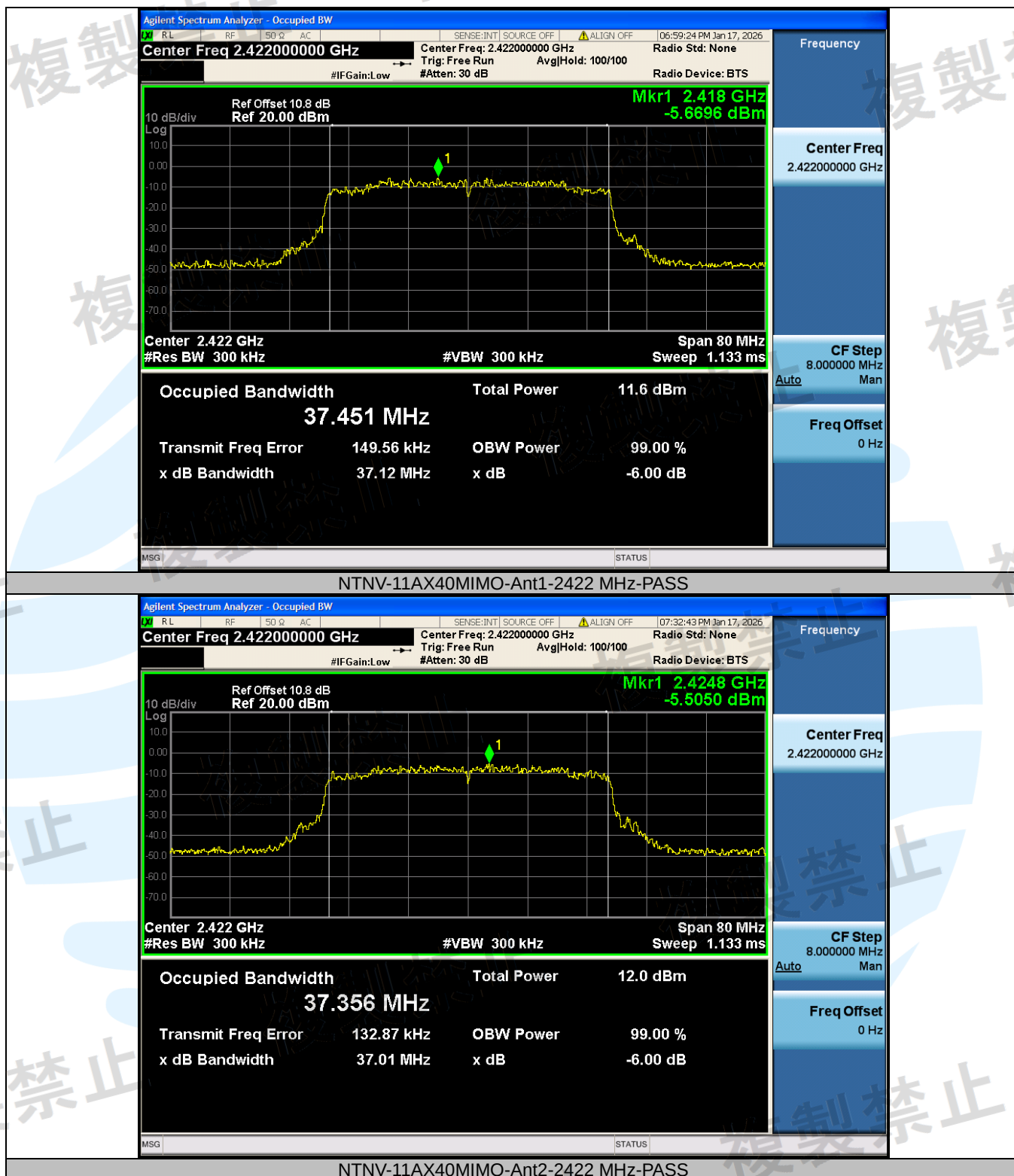


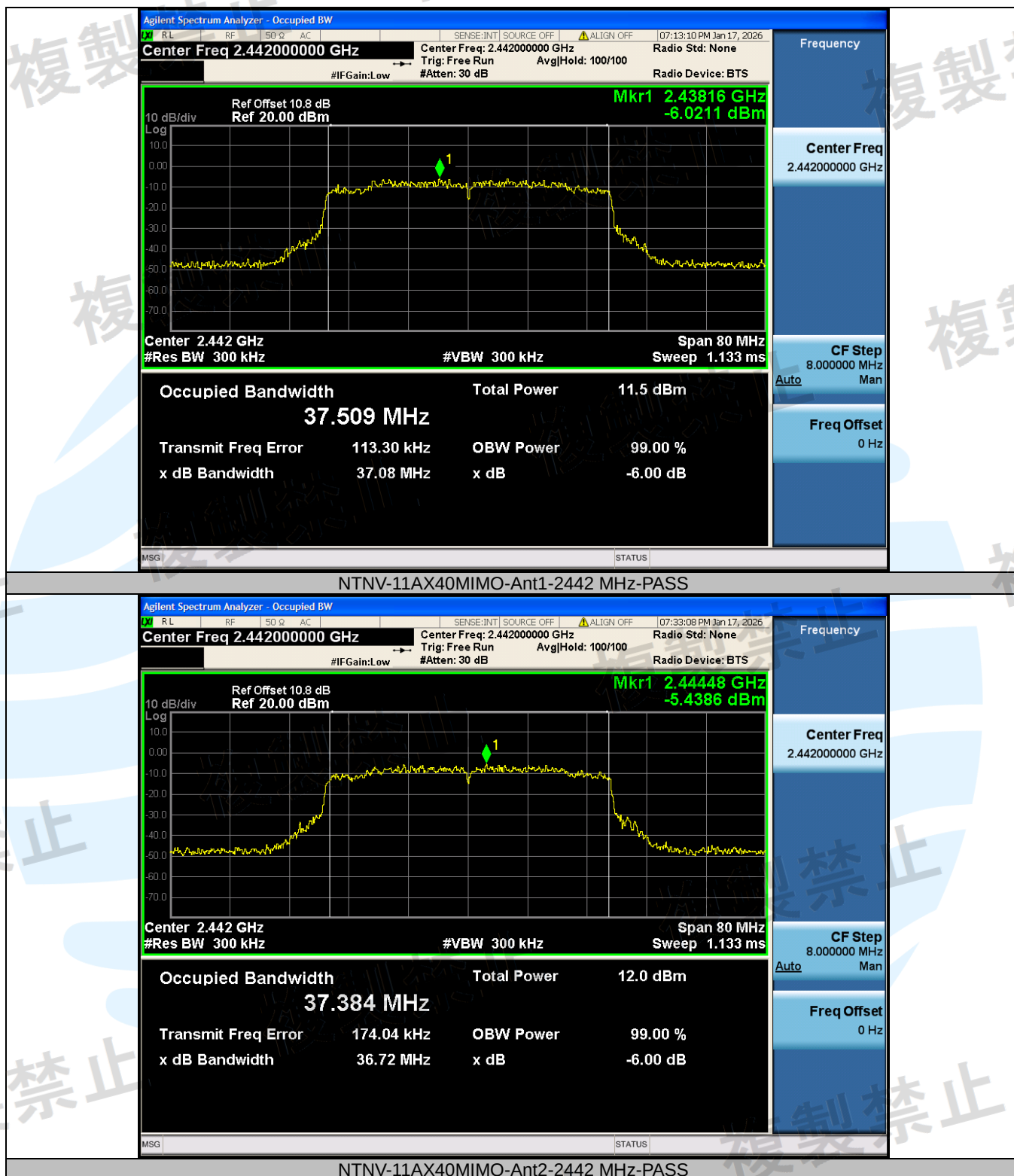












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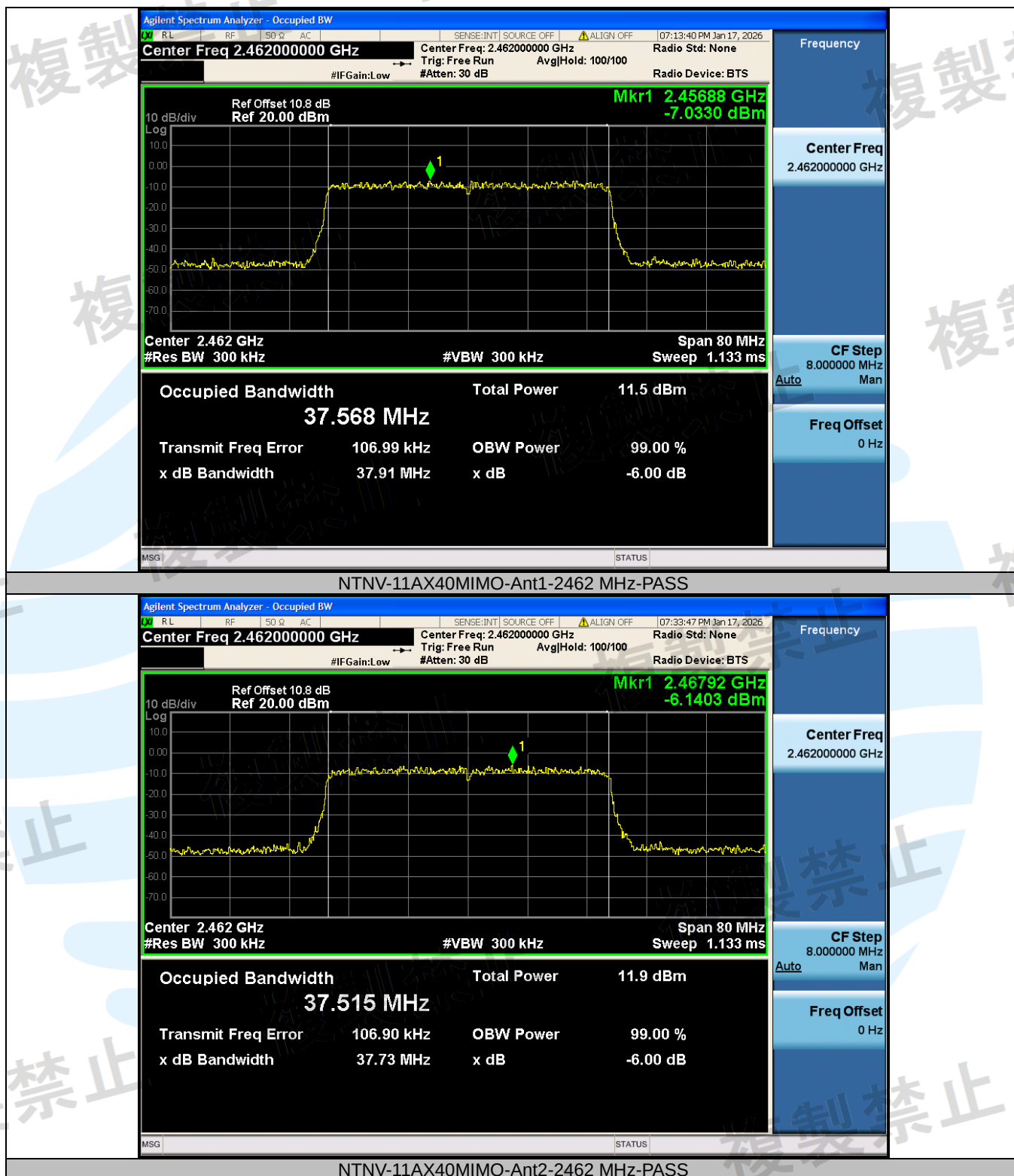
Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

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5.5 SPREADING BANDWIDTH (90% BW)

5.5.1 Limit

- Spreading bandwidth ≥ 500 kHz.
- Spreading factor ≥ 5 .

5.5.2 Test Setup

Refer to section 4.5 for details.

5.5.3 Instruments Used

Refer to section 3 for details

5.5.4 Test Procedures

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Use the following spectrum analyzer settings:

- Center Frequency = test frequency
- Span = 2 to 3.5 times BW
- RBW = 300kHz, VBW = 300kHz;
- Sweep = auto;
- Trace = max hold
- Use the 90 % bandwidth function of the spectrum analyser to measure the Occupied Channel Bandwidth of the UUT. This value shall be recorded.

5.5.5 Test Result

Test Condition	Test Mode	Ant.	Freq. [MHz]	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	11B	Ant1	2412	9.487	≥ 0.5	6.900	>5	PASS
NTNV	11B	Ant2	2412	9.492	≥ 0.5	6.903	>5	PASS
NTNV	11B	Ant2	2442	9.489	≥ 0.5	6.901	>5	PASS
NTNV	11B	Ant1	2442	9.481	≥ 0.5	6.895	>5	PASS
NTNV	11B	Ant2	2472	9.488	≥ 0.5	6.900	>5	PASS
NTNV	11B	Ant1	2472	9.476	≥ 0.5	6.892	>5	PASS
NTNV	11G	Ant2	2412	13.948	≥ 0.5	---	---	PASS
NTNV	11G	Ant1	2412	14.121	≥ 0.5	---	---	PASS
NTNV	11G	Ant2	2442	13.828	≥ 0.5	---	---	PASS
NTNV	11G	Ant1	2442	14.020	≥ 0.5	---	---	PASS
NTNV	11G	Ant2	2472	14.789	≥ 0.5	---	---	PASS
NTNV	11G	Ant1	2472	14.899	≥ 0.5	---	---	PASS
NTNV	11N20MIMO	Ant2	2412	14.984	≥ 0.5	---	---	PASS
NTNV	11N20MIMO	Ant1	2412	15.056	≥ 0.5	---	---	PASS
NTNV	11N20MIMO	Ant1	2442	14.941	≥ 0.5	---	---	PASS
NTNV	11N20MIMO	Ant2	2442	14.938	≥ 0.5	---	---	PASS
NTNV	11N20MIMO	Ant2	2472	15.520	≥ 0.5	---	---	PASS
NTNV	11N20MIMO	Ant1	2472	15.686	≥ 0.5	---	---	PASS
NTNV	11N40MIMO	Ant2	2422	30.105	≥ 0.5	---	---	PASS
NTNV	11N40MIMO	Ant1	2422	30.052	≥ 0.5	---	---	PASS
NTNV	11N40MIMO	Ant2	2442	30.110	≥ 0.5	---	---	PASS
NTNV	11N40MIMO	Ant1	2442	29.949	≥ 0.5	---	---	PASS
NTNV	11N40MIMO	Ant2	2462	32.579	≥ 0.5	---	---	PASS
NTNV	11N40MIMO	Ant1	2462	32.369	≥ 0.5	---	---	PASS
NTNV	11AX20MIMO	Ant1	2412	16.136	≥ 0.5	---	---	PASS
NTNV	11AX20MIMO	Ant2	2412	16.099	≥ 0.5	---	---	PASS
NTNV	11AX20MIMO	Ant1	2442	15.798	≥ 0.5	---	---	PASS
NTNV	11AX20MIMO	Ant2	2442	15.866	≥ 0.5	---	---	PASS
NTNV	11AX20MIMO	Ant1	2472	16.509	≥ 0.5	---	---	PASS
NTNV	11AX20MIMO	Ant2	2472	16.551	≥ 0.5	---	---	PASS
NTNV	11AX40MIMO	Ant1	2422	31.121	≥ 0.5	---	---	PASS
NTNV	11AX40MIMO	Ant2	2422	31.029	≥ 0.5	---	---	PASS

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Tel: +86-755-28230888

Fax: +86-755-28230886

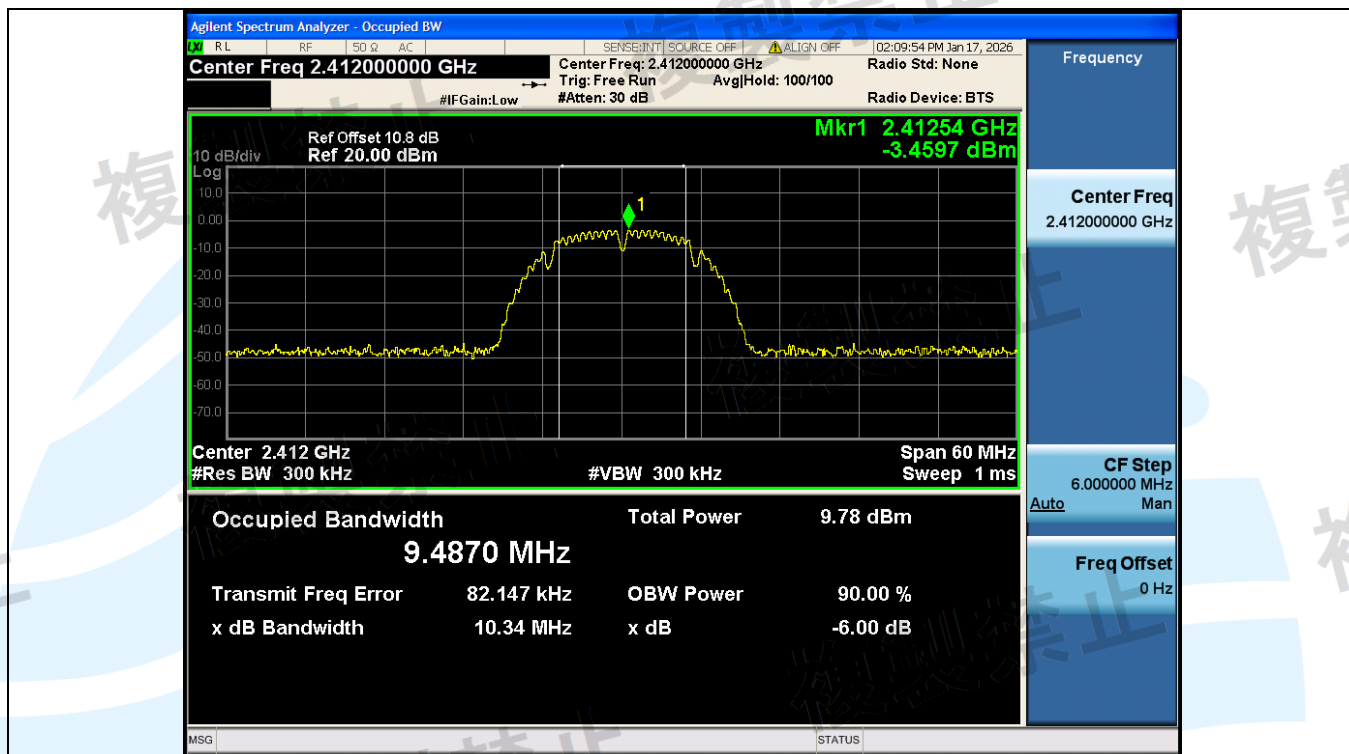
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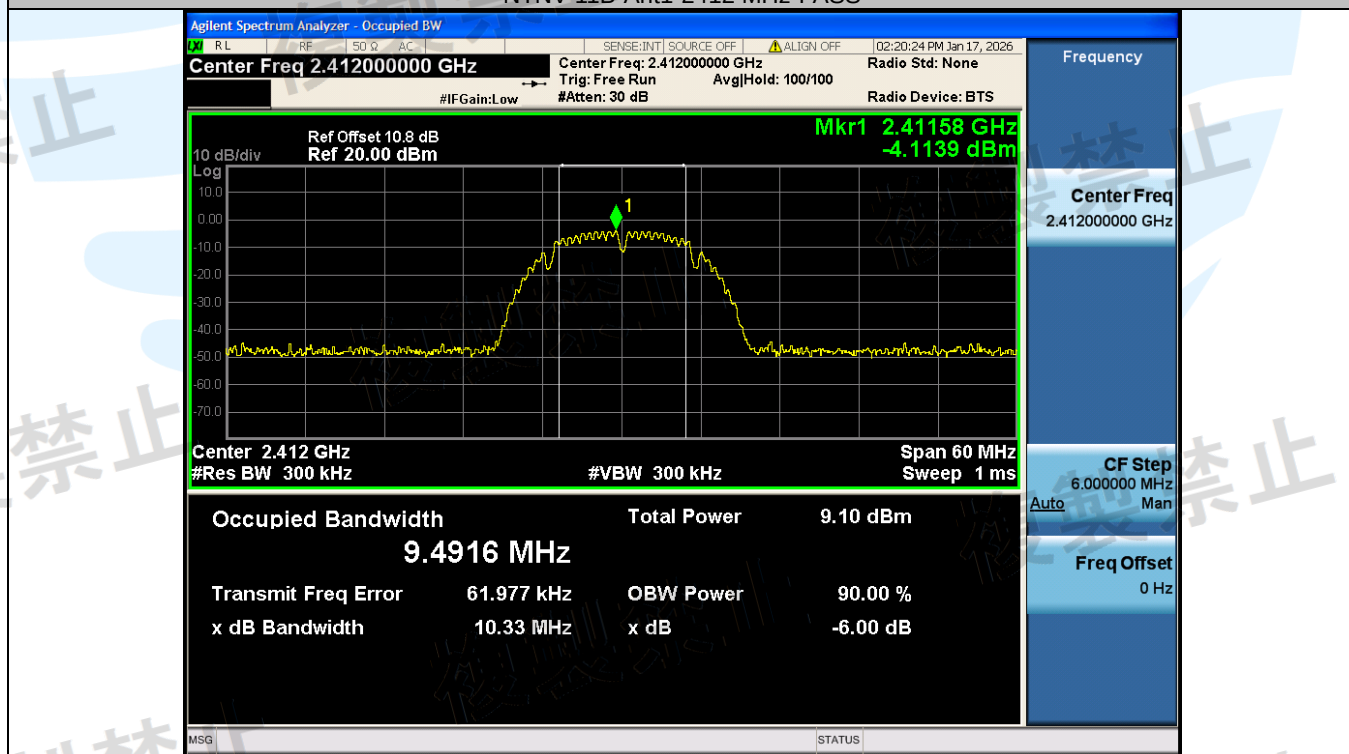
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NTNV	11AX40MIMO	Ant1	2442	31.436	≥0.5	---	---	PASS
NTNV	11AX40MIMO	Ant2	2442	30.997	≥0.5	---	---	PASS
NTNV	11AX40MIMO	Ant1	2462	33.580	≥0.5	---	---	PASS
NTNV	11AX40MIMO	Ant2	2462	33.688	≥0.5	---	---	PASS

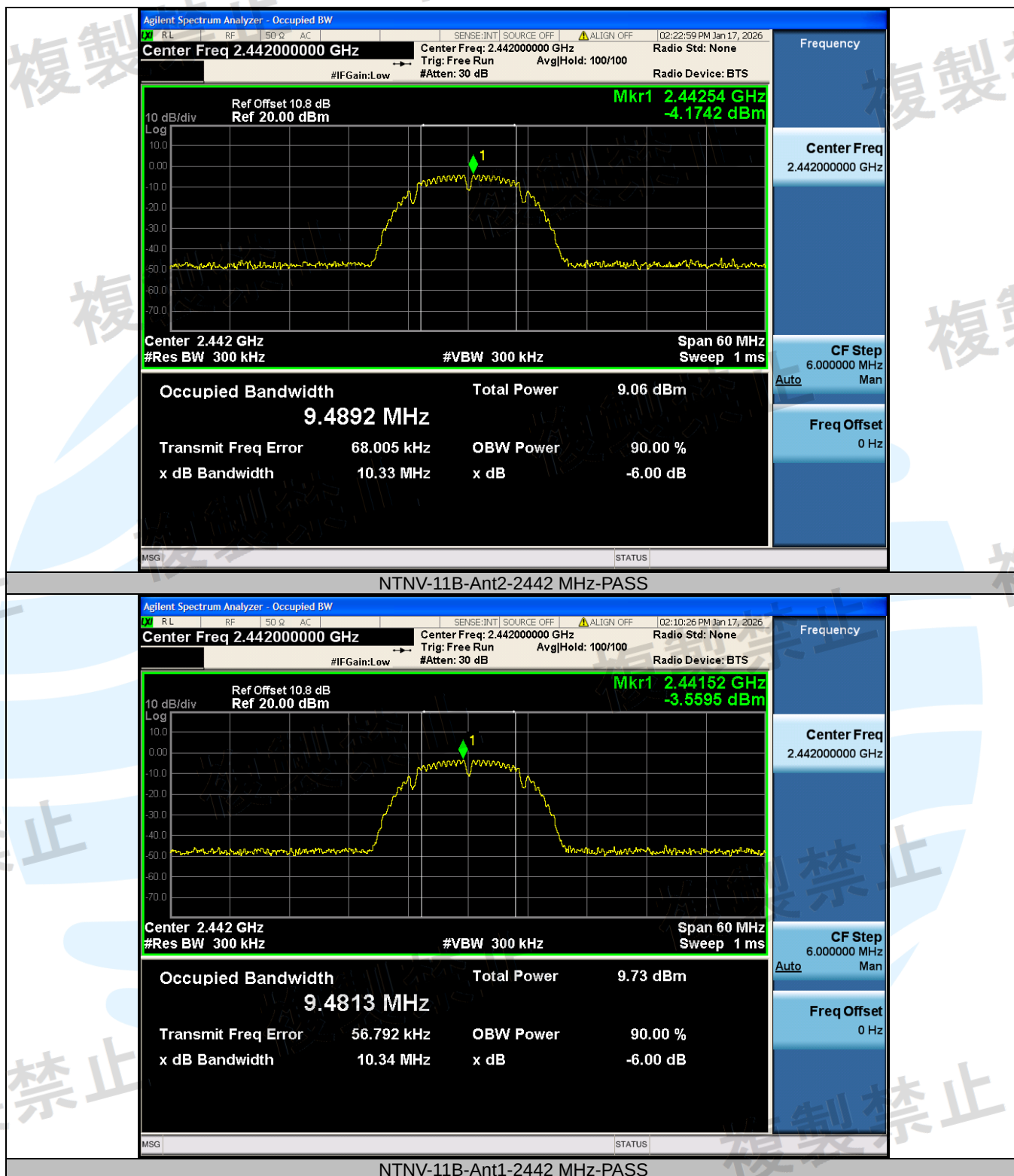
Note: IEEE 802.11b Spreading Factor = 90% channel power bandwidth / 1.375.

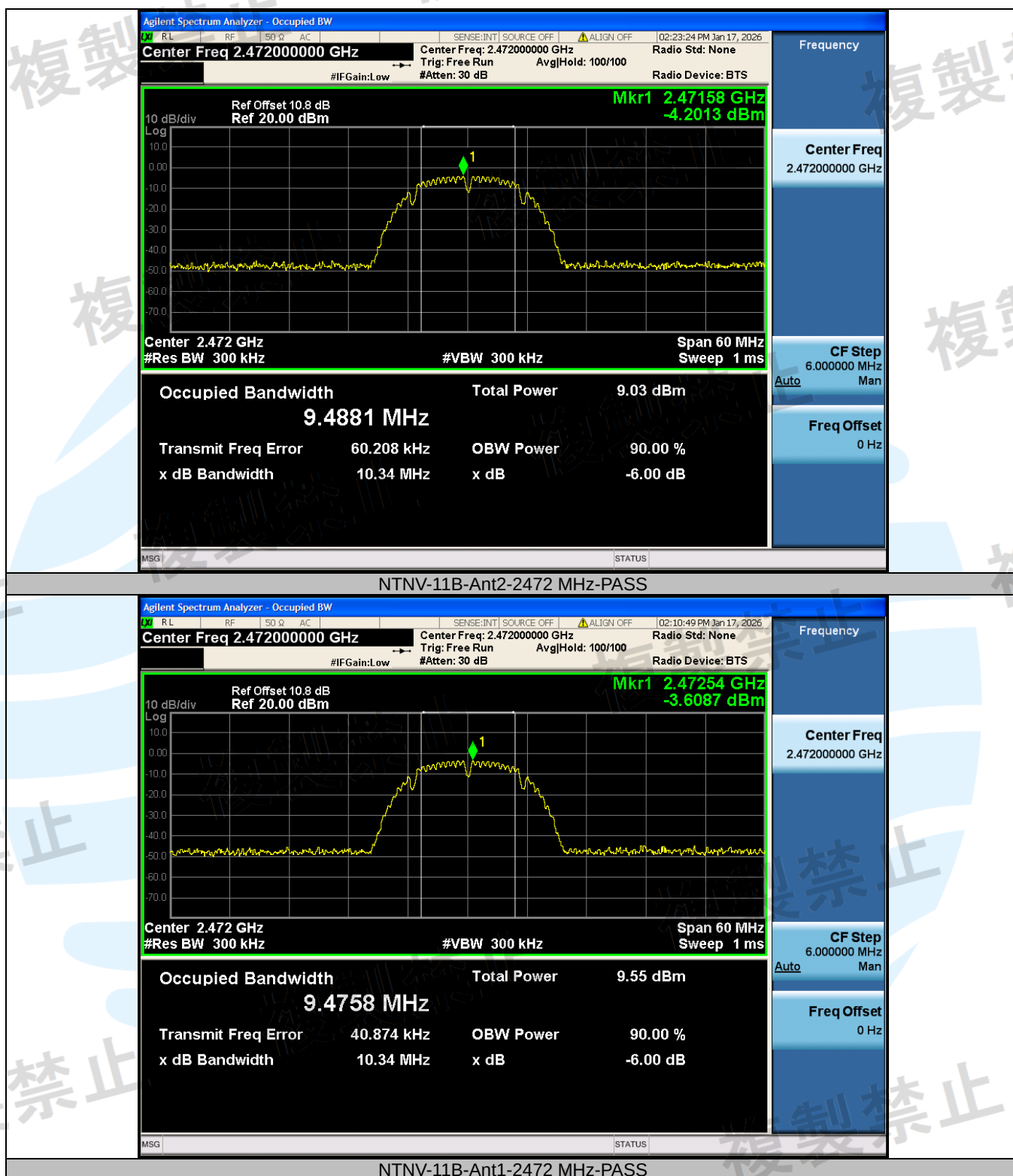


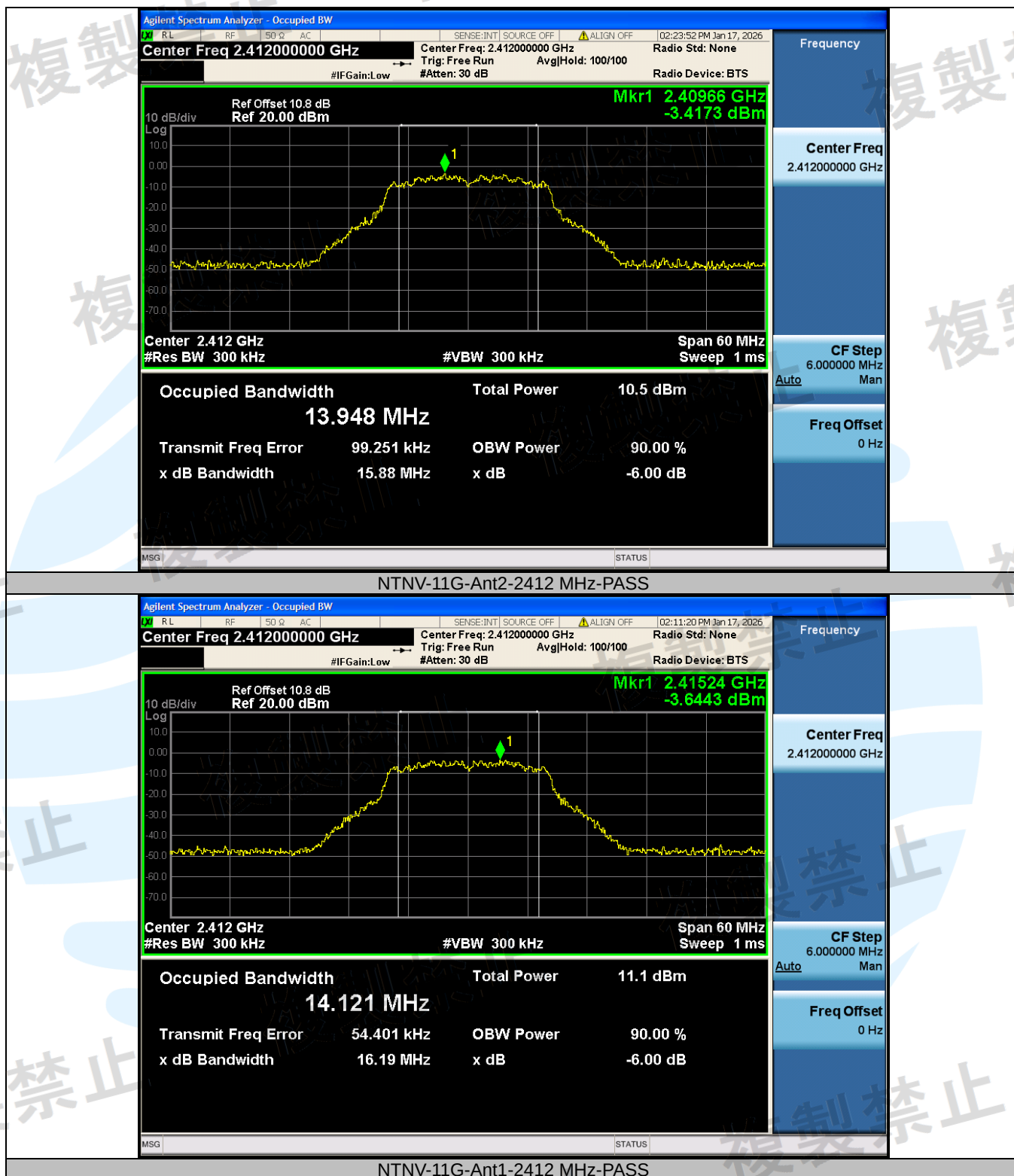
NTNV-11B-Ant1-2412 MHz-PASS

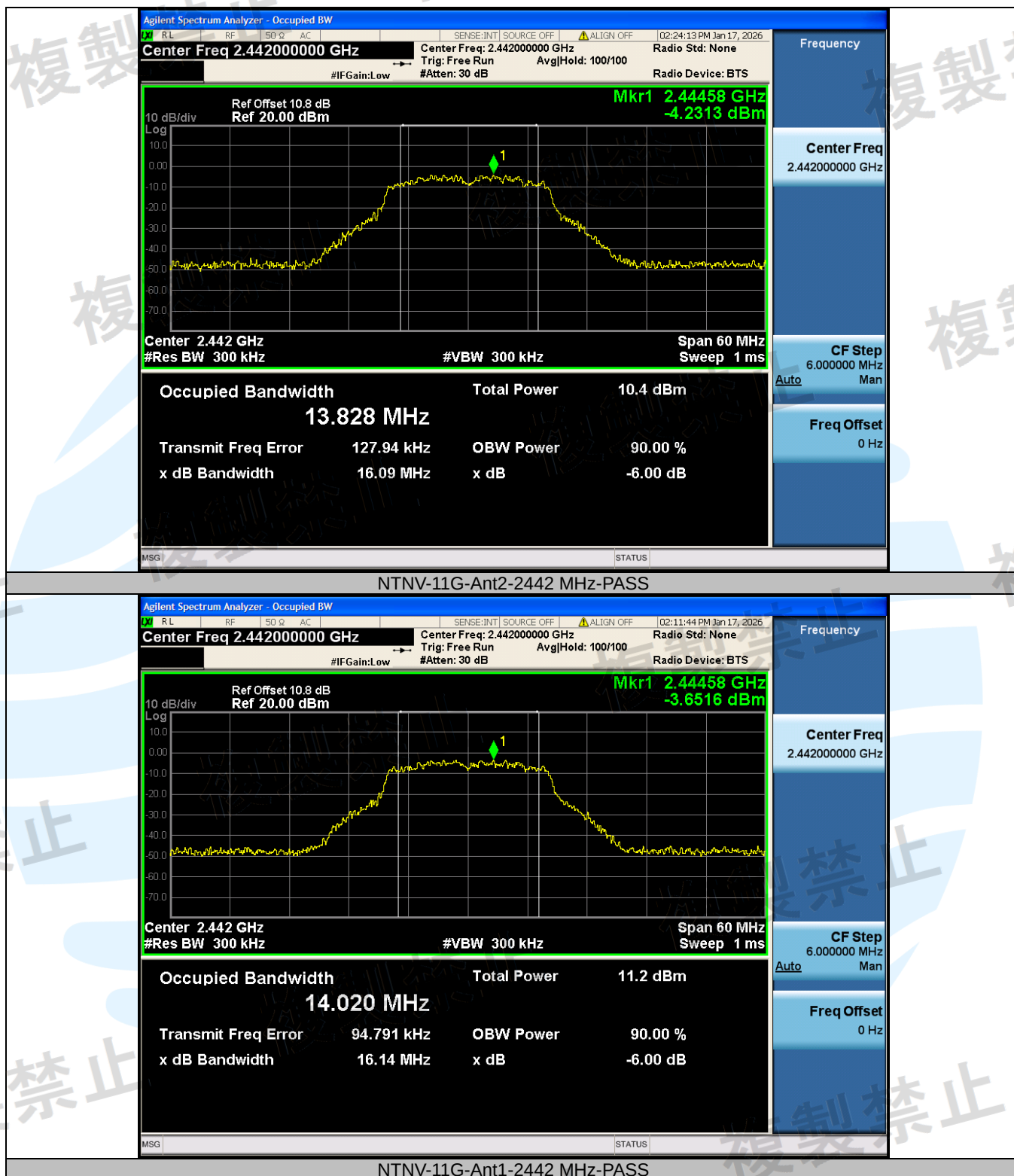


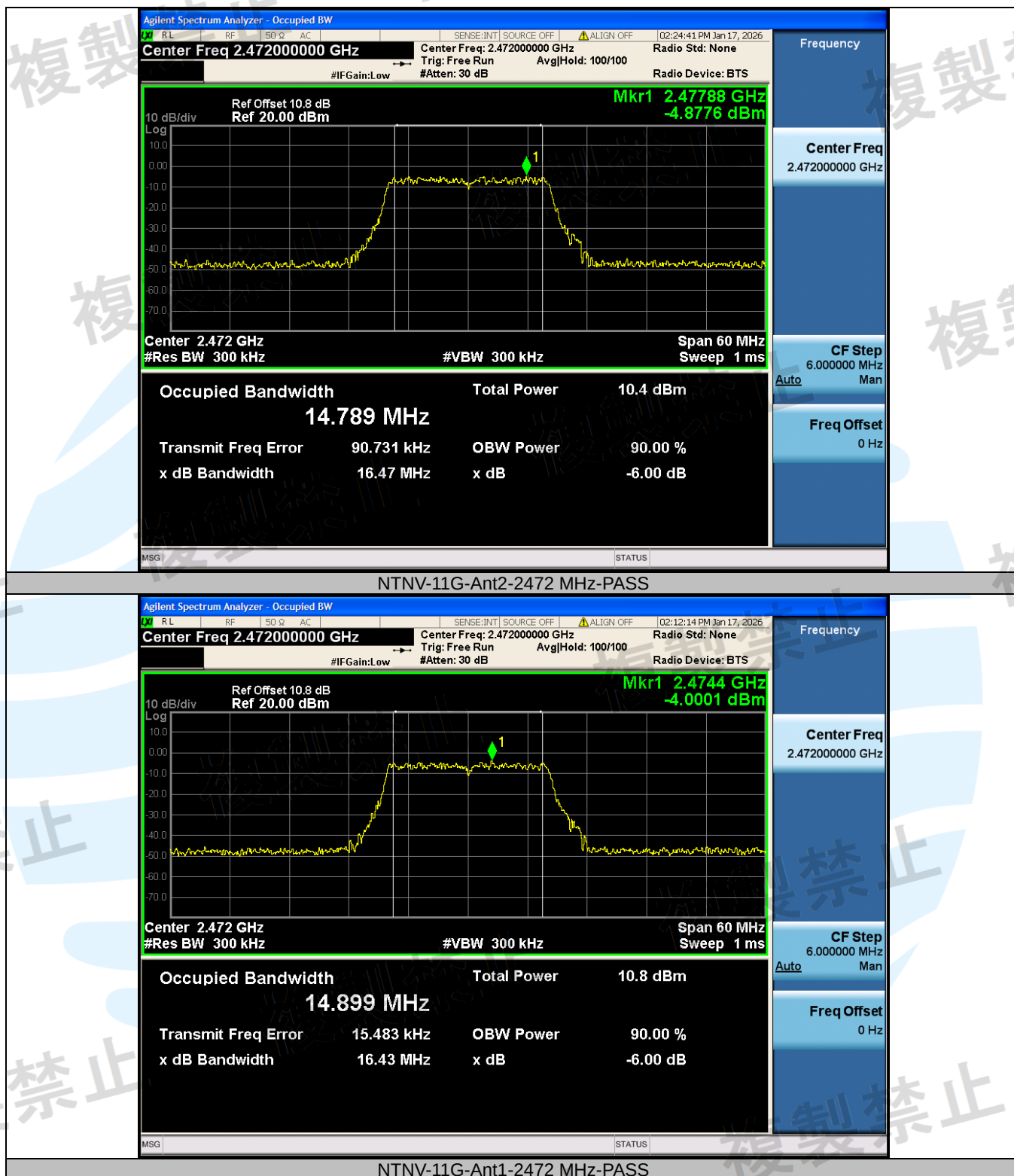
NTNV-11B-Ant2-2412 MHz-PASS

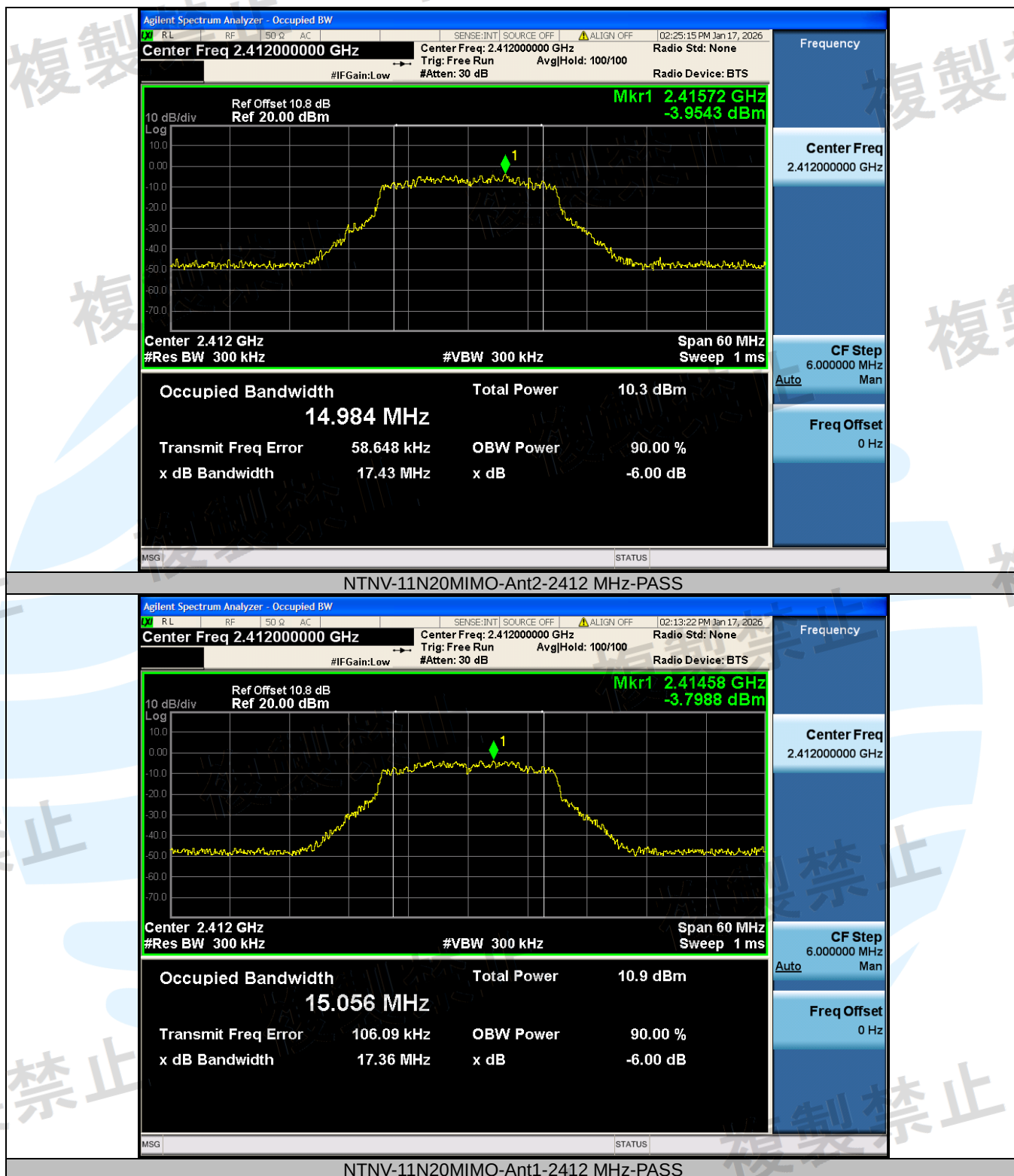


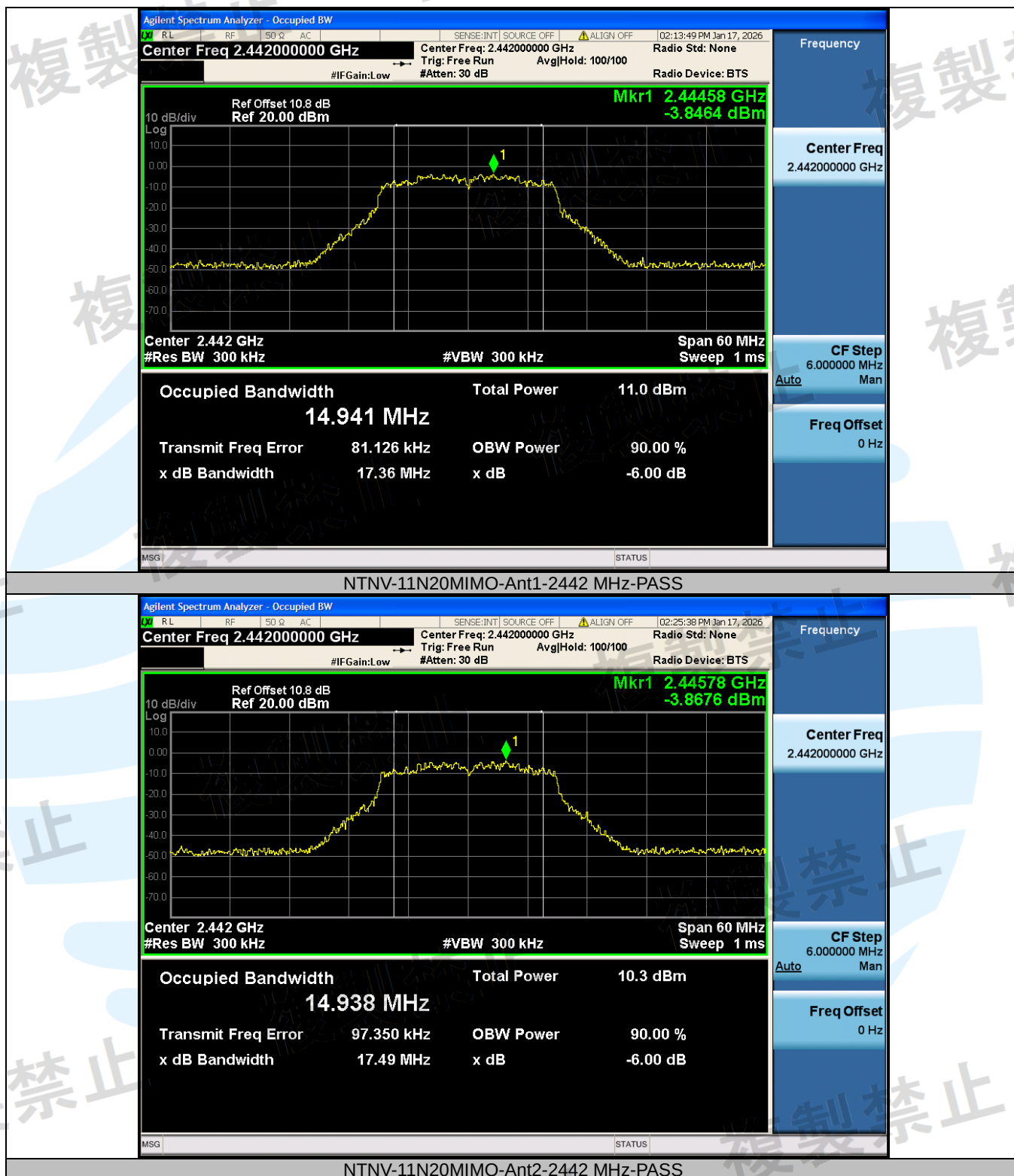


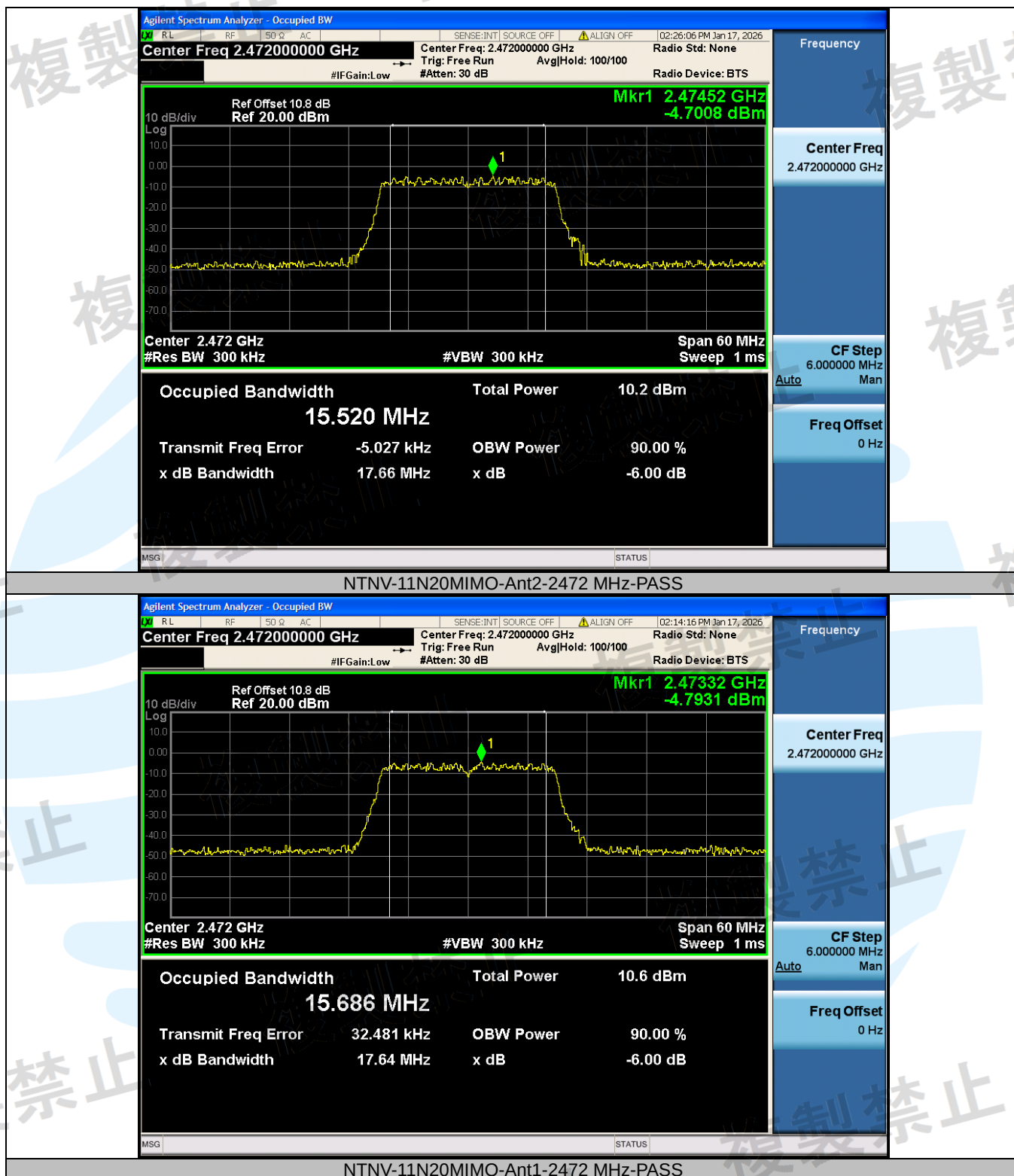


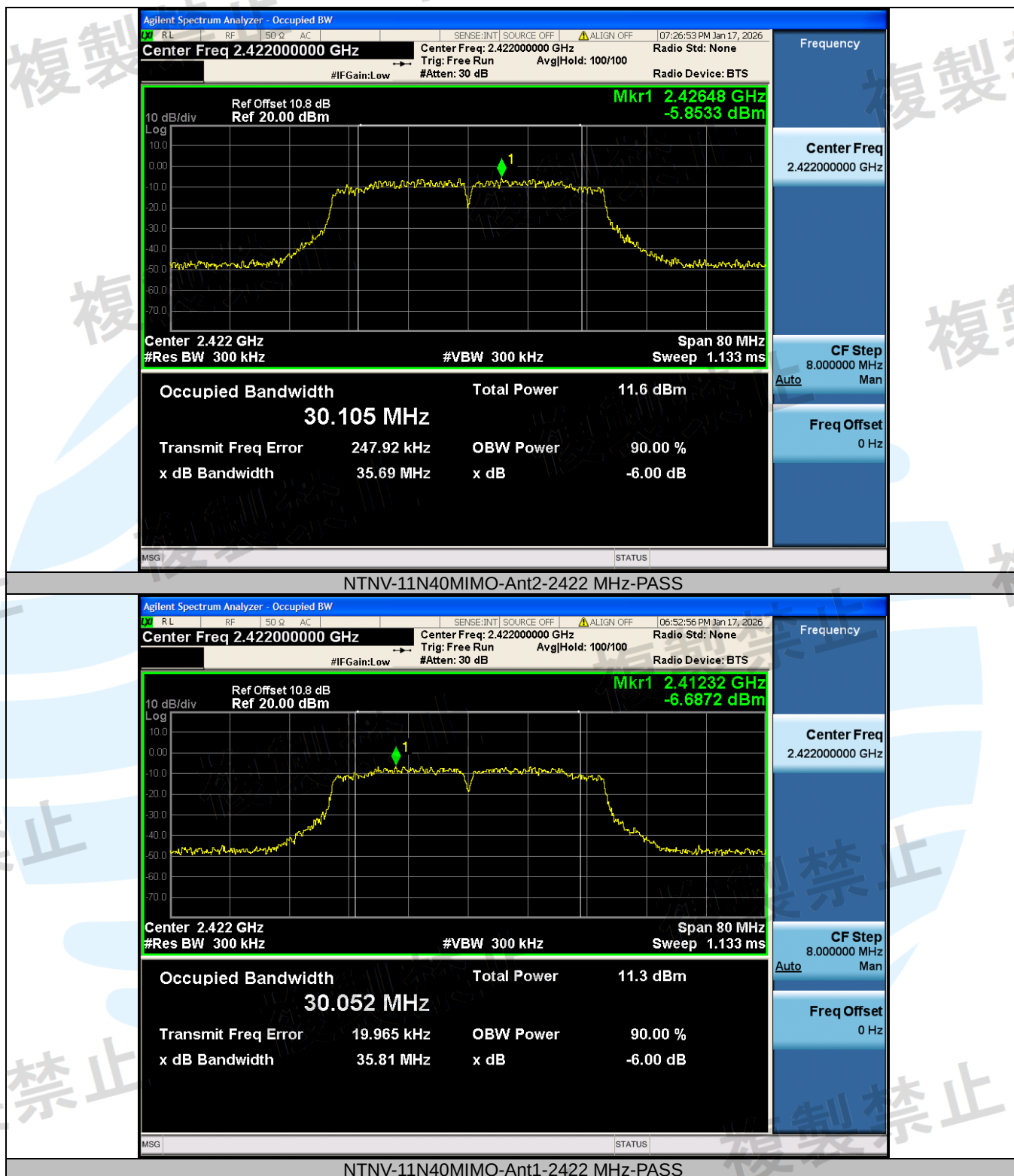


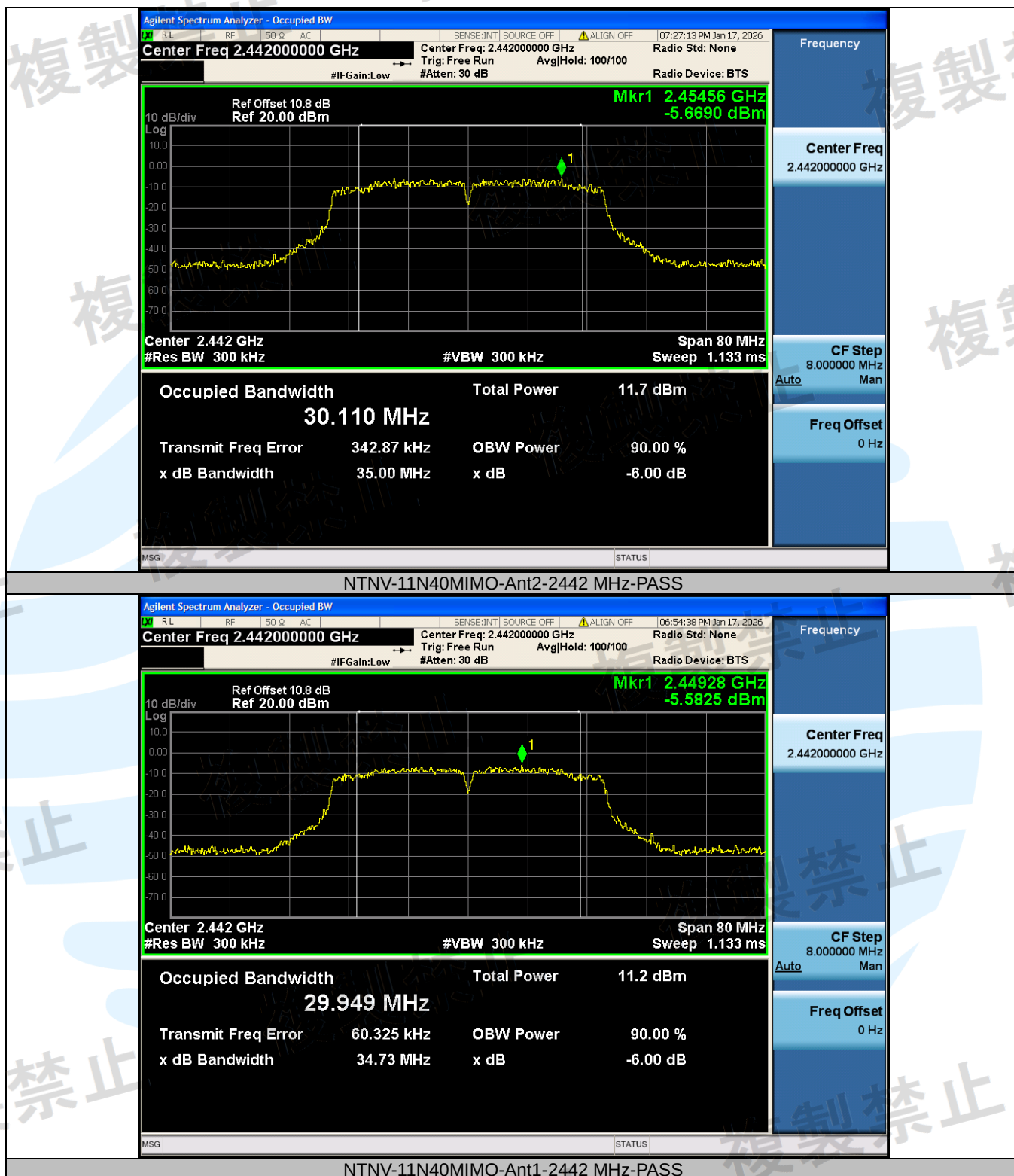


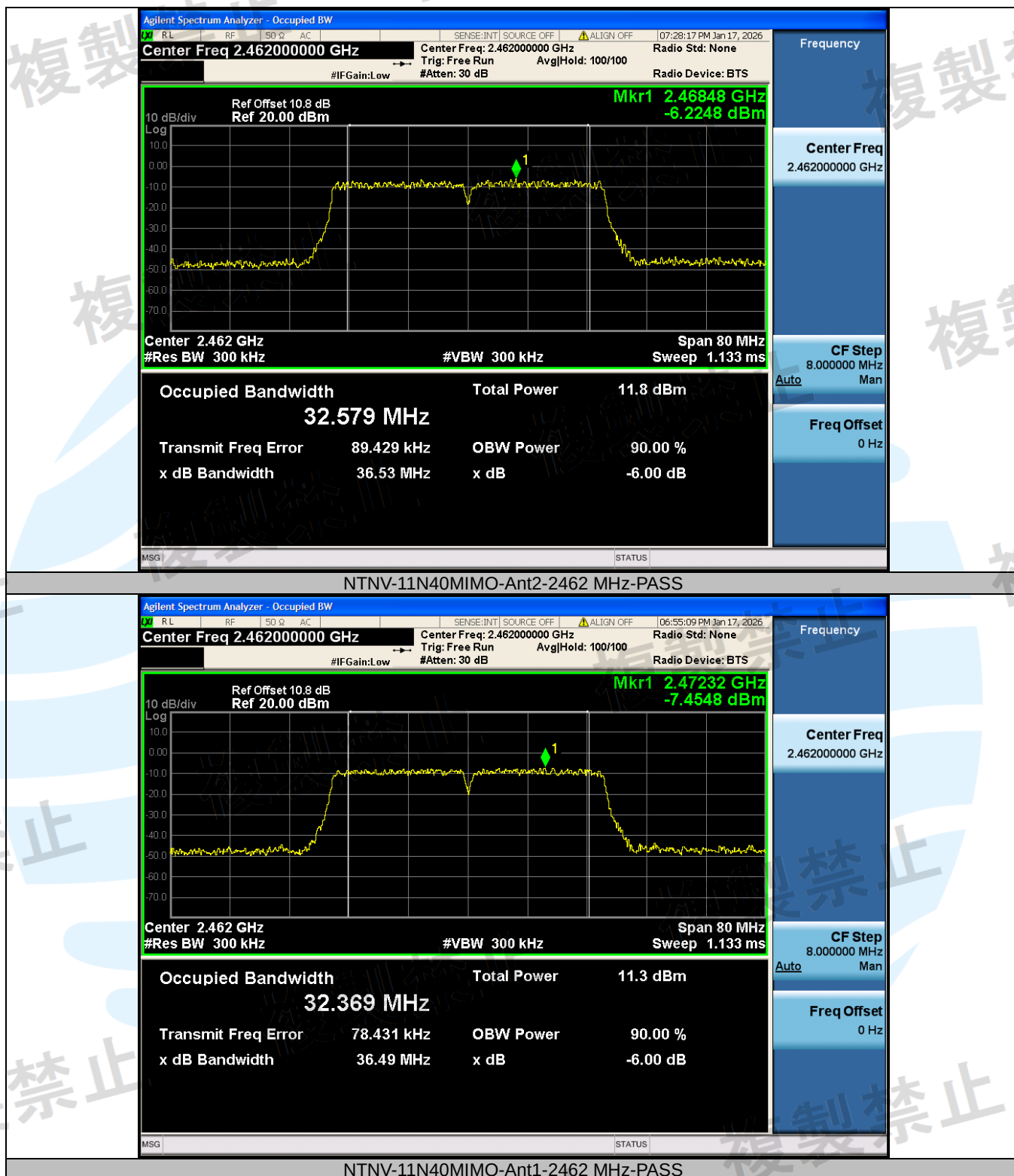


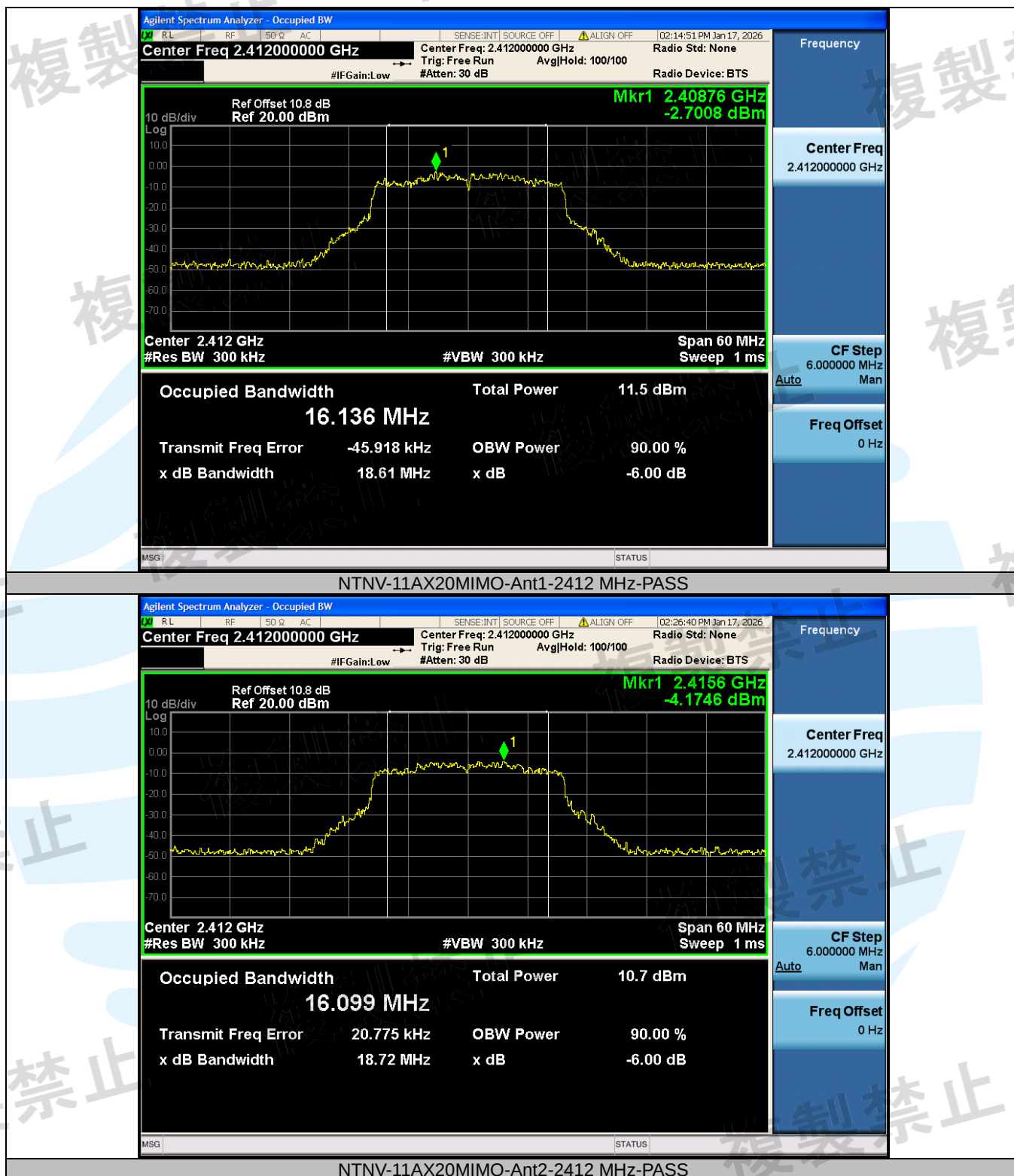


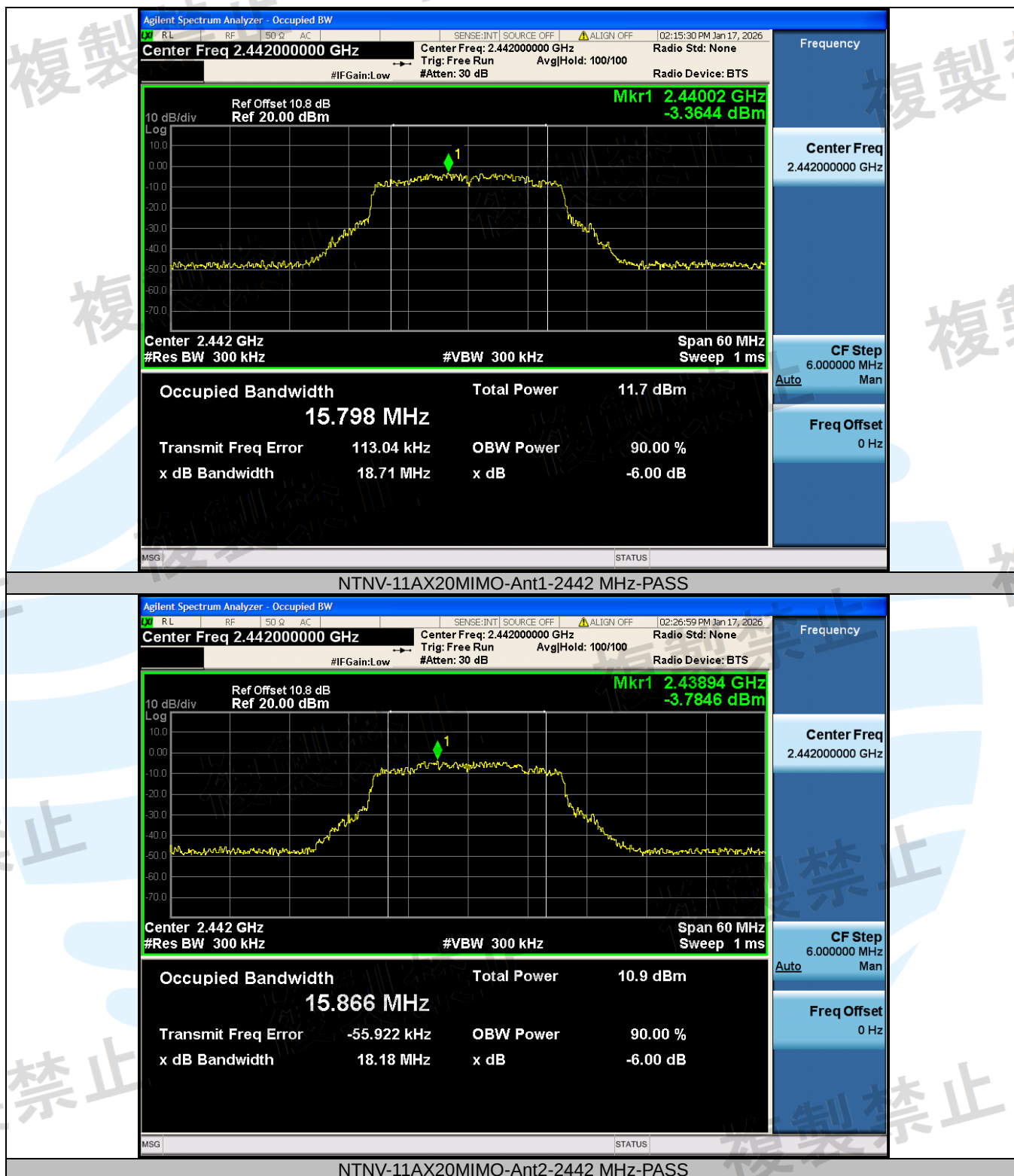


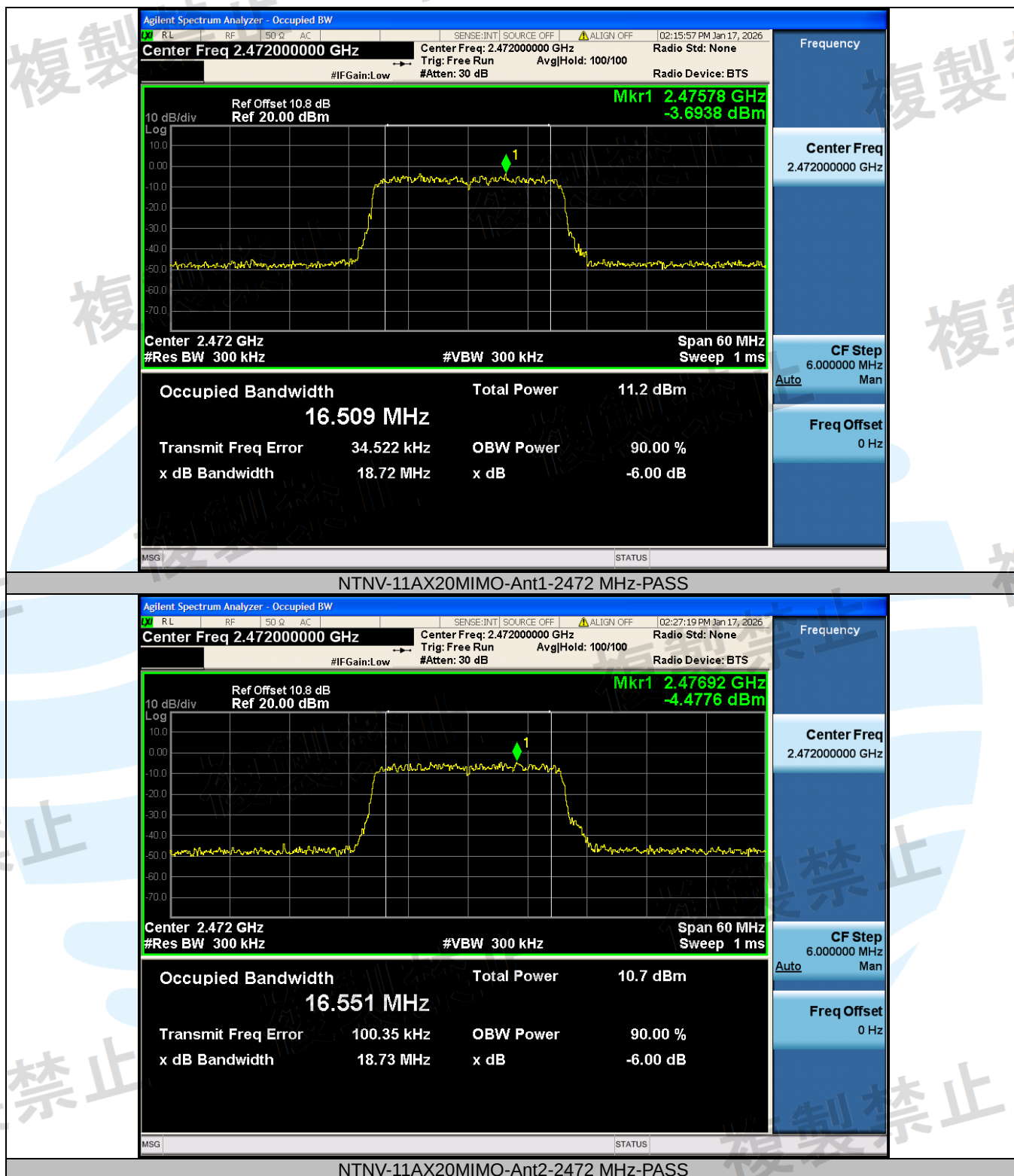


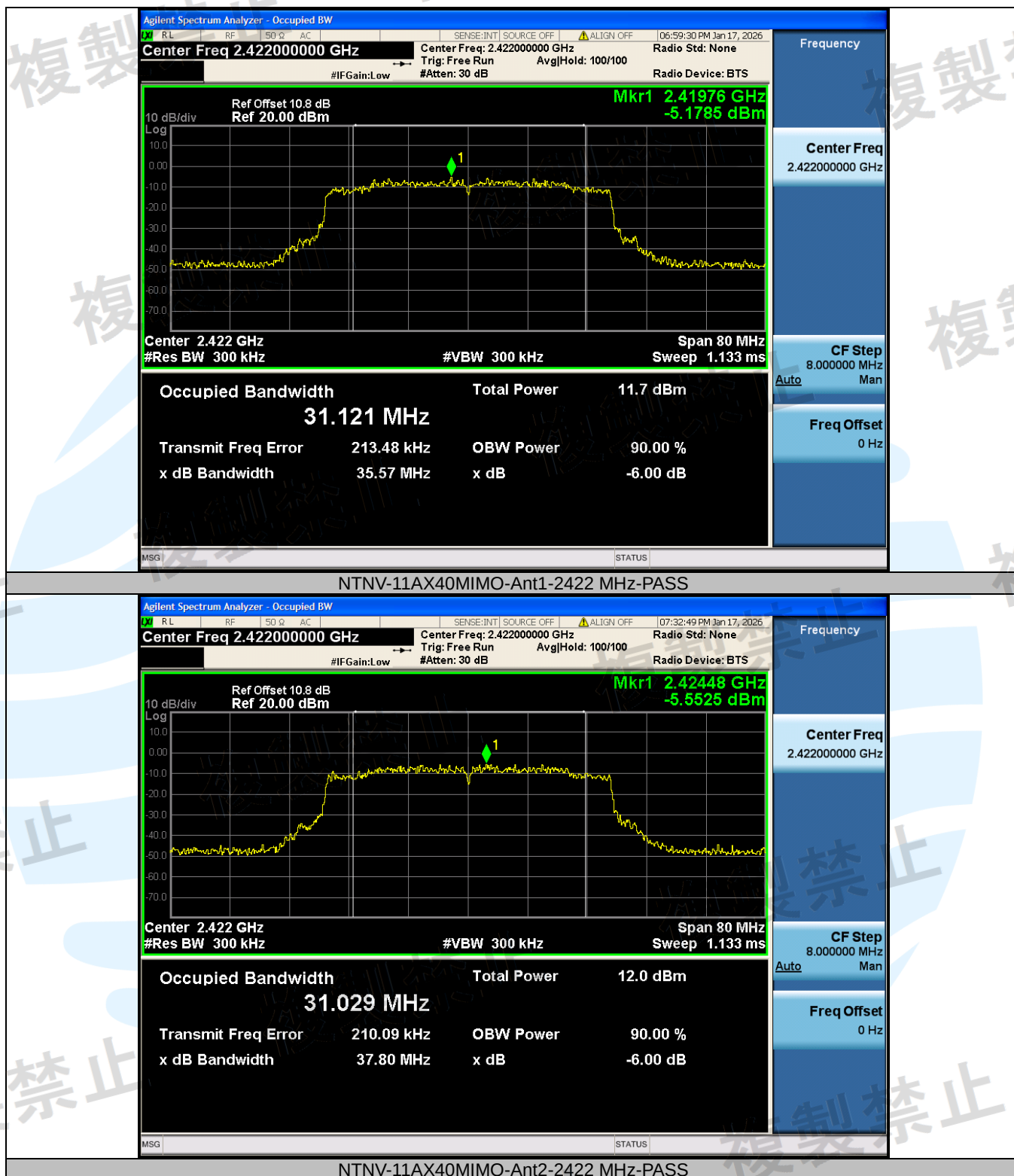


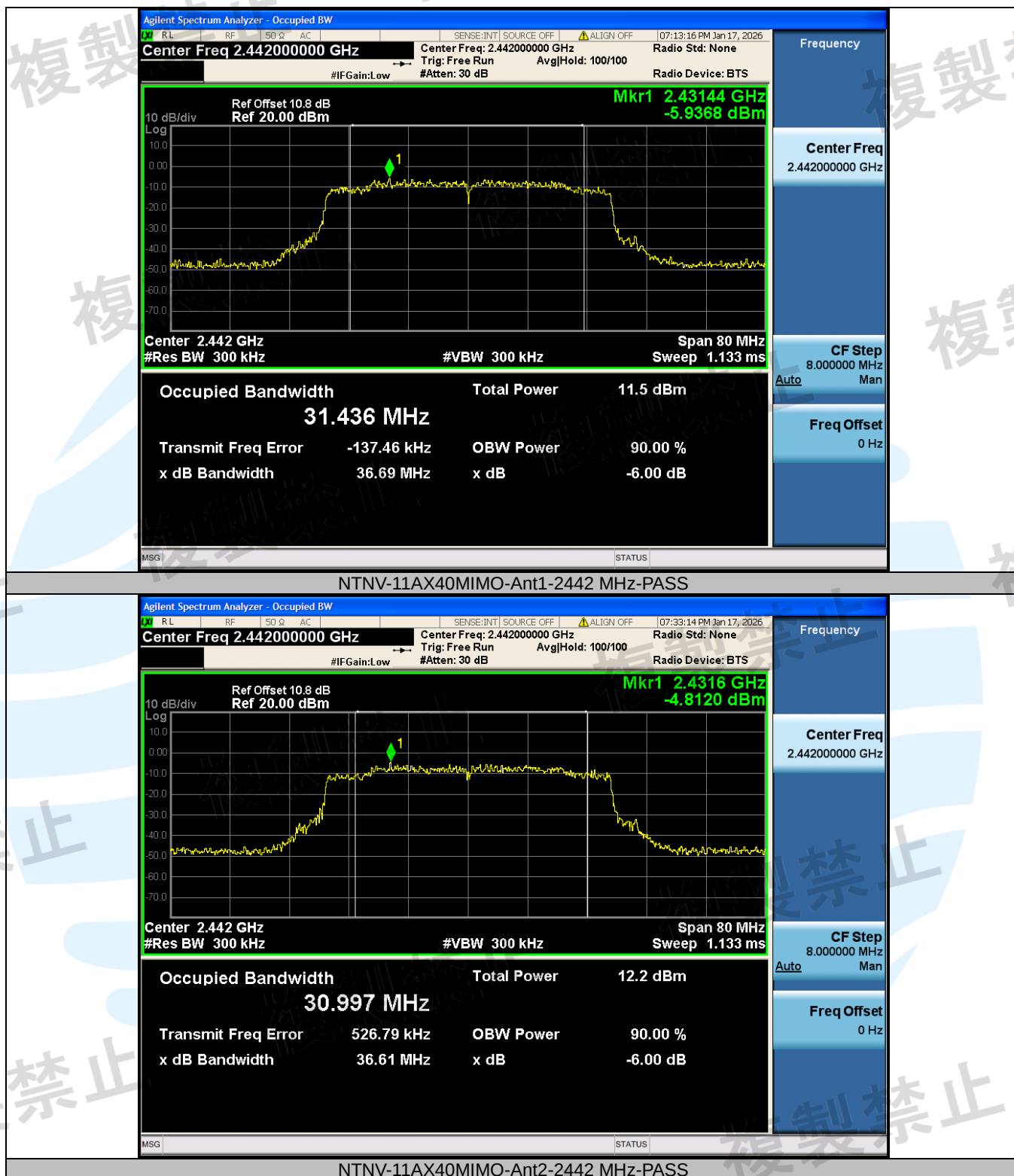


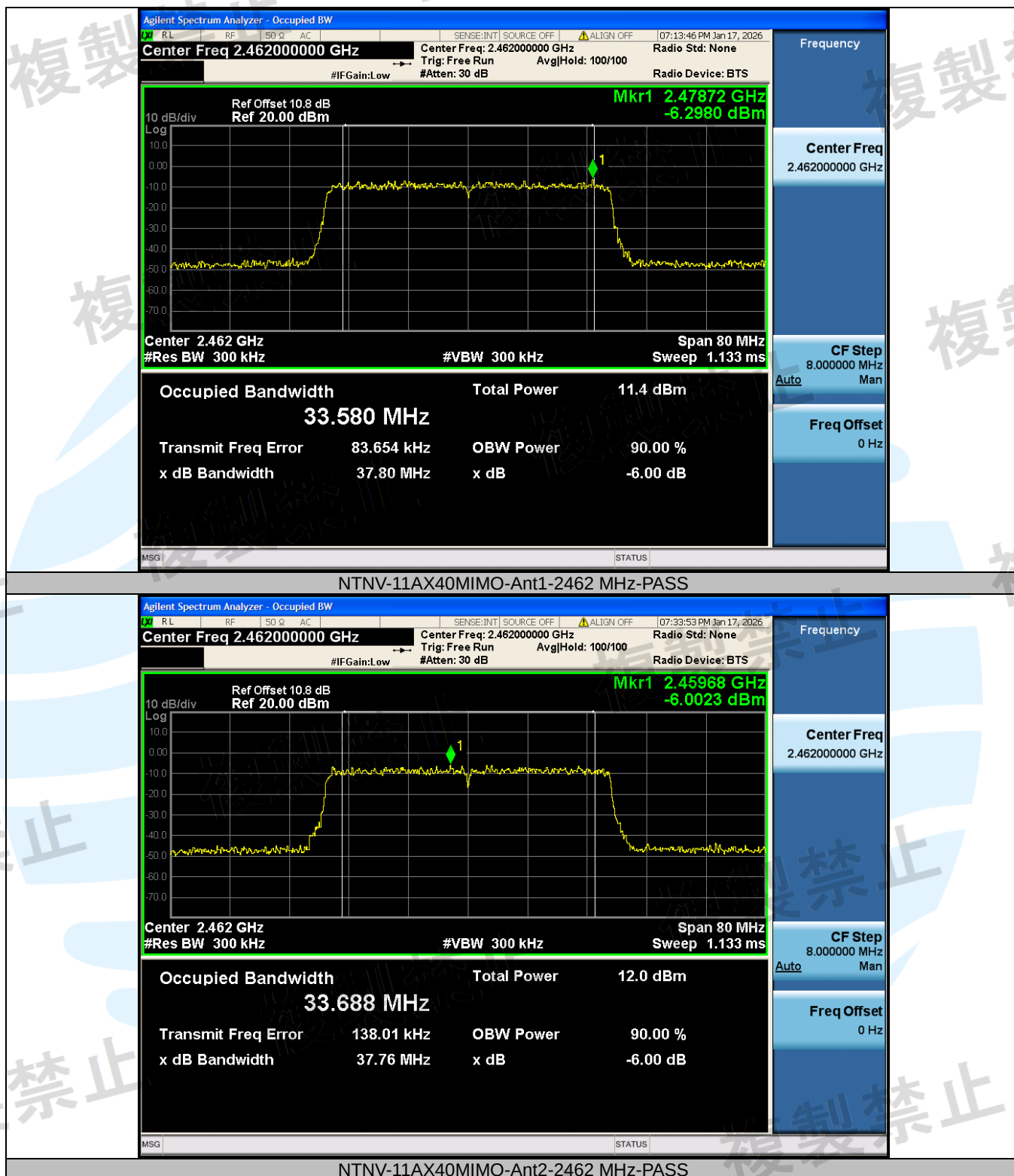












5.6 SPURIOUS EMISSIONS

5.6.1 Limit

Frequency (MHz)	Limit	
	$\mu\text{W/MHz}$	dBm/MHz
Operating frequency 2400 to 2483.5MHz		
$2387 \leq f < 2400$	≤ 25	-16
$2483.5 < f \leq 2496.5$	≤ 25	-16
All other frequencies	≤ 2.5	-26 (-36@RBW=100KHz)

5.6.2 Test Setup

Refer to section 4.5 for details.

5.6.3 Instruments Used

Refer to section 3 for details

5.6.4 Test Procedures

Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Use the following spectrum analyzer settings:

- a) Below 1GHz
 1. Set RBW = VBW = 100 kHz.
 2. Detector = peak.
 3. Sweep = auto couple.
 4. Trace Mode = max hold.
 5. Allow trace to fully stabilize.
 6. Use the peak marker function to determine the maximum amplitude level.
- b) Above 1GHz
 1. Set RBW = VBW = 1 MHz.
 2. Detector = peak.
 3. Sweep = auto couple.
 4. Trace Mode = max hold.
 5. Allow trace to fully stabilize.
 6. Use the peak marker function to determine the maximum amplitude level.

5.6.5 Test Result

Test Mode	Ant.	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [$\mu\text{W/MHz}$]	Limit [$\mu\text{W/MHz}$]	Verdict
11B	Ant1	2412	30~1000	966.54	-49.20	≤ -26	0.01202	≤ 2.5	PASS
11B	Ant2	2412	30~1000	803.82	-49.07	≤ -26	0.01239	≤ 2.5	PASS
11B	Ant1	2412	1000~2387	2385.96	-46.08	≤ -26	0.02466	≤ 2.5	PASS
11B	Ant2	2412	1000~2387	2381.11	-45.30	≤ -26	0.02951	≤ 2.5	PASS
11B	Ant1	2412	2387~2400	2399.27	-35.94	≤ -16	0.25468	≤ 25	PASS
11B	Ant2	2412	2387~2400	2399.16	-35.96	≤ -16	0.25351	≤ 25	PASS
11B	Ant1	2412	2483.5~2496.5	2494.17	-37.09	≤ -16	0.19543	≤ 25	PASS
11B	Ant2	2412	2483.5~2496.5	2484.57	-36.76	≤ -16	0.21086	≤ 25	PASS
11B	Ant1	2412	2496.5~13000	12646.56	-45.79	≤ -26	0.02636	≤ 2.5	PASS
11B	Ant2	2412	2496.5~13000	12547.82	-45.36	≤ -26	0.02911	≤ 2.5	PASS
11B	Ant1	2442	30~1000	862.75	-48.77	≤ -26	0.01327	≤ 2.5	PASS
11B	Ant2	2442	30~1000	895.24	-49.11	≤ -26	0.01227	≤ 2.5	PASS
11B	Ant1	2442	1000~2387	2380.41	-46.37	≤ -26	0.02307	≤ 2.5	PASS
11B	Ant2	2442	1000~2387	2206.69	-46.26	≤ -26	0.02366	≤ 2.5	PASS
11B	Ant1	2442	2387~2400	2396.30	-37.06	≤ -16	0.19679	≤ 25	PASS
11B	Ant2	2442	2387~2400	2398.45	-37.20	≤ -16	0.19055	≤ 25	PASS
11B	Ant1	2442	2483.5~2496.5	2488.22	-36.70	≤ -16	0.21380	≤ 25	PASS
11B	Ant2	2442	2483.5~2496.5	2496.36	-36.32	≤ -16	0.23335	≤ 25	PASS

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Tel: +86-755-28230888

Fax: +86-755-28230886

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Test Mode	Ant.	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
11B	Ant1	2442	2496.5~13000	2503.85	-45.67	≤-26	0.02710	≤2.5	PASS
11B	Ant2	2442	2496.5~13000	2677.16	-45.28	≤-26	0.02965	≤2.5	PASS
11B	Ant1	2472	30~1000	880.45	-49.05	≤-26	0.01245	≤2.5	PASS
11B	Ant2	2472	30~1000	974.30	-49.18	≤-26	0.01208	≤2.5	PASS
11B	Ant1	2472	1000~2387	2155.02	-47.00	≤-26	0.01995	≤2.5	PASS
11B	Ant2	2472	1000~2387	2296.85	-46.54	≤-26	0.02218	≤2.5	PASS
11B	Ant1	2472	2387~2400	2392.43	-37.61	≤-16	0.17338	≤25	PASS
11B	Ant2	2472	2387~2400	2387.84	-37.22	≤-16	0.18967	≤25	PASS
11B	Ant1	2472	2483.5~2496.5	2484.70	-34.56	≤-16	0.34995	≤25	PASS
11B	Ant2	2472	2483.5~2496.5	2486.67	-34.30	≤-16	0.37154	≤25	PASS
11B	Ant1	2472	2496.5~13000	12511.06	-45.36	≤-26	0.02911	≤2.5	PASS
11B	Ant2	2472	2496.5~13000	4943.82	-45.97	≤-26	0.02529	≤2.5	PASS
11G	Ant1	2412	30~1000	897.42	-49.25	≤-26	0.01189	≤2.5	PASS
11G	Ant2	2412	30~1000	781.02	-48.69	≤-26	0.01352	≤2.5	PASS
11G	Ant1	2412	1000~2387	2384.92	-45.28	≤-26	0.02965	≤2.5	PASS
11G	Ant2	2412	1000~2387	2385.96	-44.77	≤-26	0.03334	≤2.5	PASS
11G	Ant1	2412	2387~2400	2399.99	-10.49	≤-16	89.33055	≤25	See table below
11G	Ant2	2412	2387~2400	2399.95	-10.88	≤-16	81.65824	≤25	See table below
11G	Ant1	2412	2483.5~2496.5	2490.64	-36.63	≤-16	0.21727	≤25	PASS
11G	Ant2	2412	2483.5~2496.5	2489.08	-37.07	≤-16	0.19634	≤25	PASS
11G	Ant1	2412	2496.5~13000	12545.20	-45.87	≤-26	0.02588	≤2.5	PASS
11G	Ant2	2412	2496.5~13000	12557.28	-45.48	≤-26	0.02831	≤2.5	PASS
11G	Ant1	2442	30~1000	952.23	-48.45	≤-26	0.01429	≤2.5	PASS
11G	Ant2	2442	30~1000	882.39	-48.91	≤-26	0.01285	≤2.5	PASS
11G	Ant1	2442	1000~2387	2209.12	-46.99	≤-26	0.02000	≤2.5	PASS
11G	Ant2	2442	1000~2387	2376.60	-47.15	≤-26	0.01928	≤2.5	PASS
11G	Ant1	2442	2387~2400	2397.42	-37.31	≤-16	0.18578	≤25	PASS
11G	Ant2	2442	2387~2400	2397.69	-37.32	≤-16	0.18535	≤25	PASS
11G	Ant1	2442	2483.5~2496.5	2486.71	-36.81	≤-16	0.20845	≤25	PASS
11G	Ant2	2442	2483.5~2496.5	2484.22	-36.66	≤-16	0.21577	≤25	PASS
11G	Ant1	2442	2496.5~13000	12521.04	-45.88	≤-26	0.02582	≤2.5	PASS
11G	Ant2	2442	2496.5~13000	12615.05	-45.45	≤-26	0.02851	≤2.5	PASS
11G	Ant1	2472	30~1000	813.28	-49.00	≤-26	0.01259	≤2.5	PASS
11G	Ant2	2472	30~1000	933.80	-48.62	≤-26	0.01374	≤2.5	PASS
11G	Ant1	2472	1000~2387	2373.82	-46.86	≤-26	0.02061	≤2.5	PASS
11G	Ant2	2472	1000~2387	2227.15	-47.10	≤-26	0.01950	≤2.5	PASS
11G	Ant1	2472	2387~2400	2388.88	-36.64	≤-16	0.21677	≤25	PASS
11G	Ant2	2472	2387~2400	2391.52	-37.40	≤-16	0.18197	≤25	PASS
11G	Ant1	2472	2483.5~2496.5	2483.51	-20.38	≤-16	9.16220	≤25	PASS
11G	Ant2	2472	2483.5~2496.5	2483.50	-19.49	≤-16	11.24605	≤25	PASS
11G	Ant1	2472	2496.5~13000	2498.60	-40.64	≤-26	0.08630	≤2.5	PASS
11G	Ant2	2472	2496.5~13000	2497.03	-41.00	≤-26	0.07943	≤2.5	PASS
11N20MIMO	Ant1	2412	30~1000	919.25	-49.10	≤-26	0.01230	≤2.5	PASS
11N20MIMO	Ant2	2412	30~1000	900.58	-48.94	≤-26	0.01276	≤2.5	PASS
11N20MIMO	Total	2412	30~1000	900.58	--	--	0.02506	≤2.5	PASS
11N20MIMO	Ant1	2412	1000~2387	2386.31	-46.22	≤-26	0.02388	≤2.5	PASS
11N20MIMO	Ant2	2412	1000~2387	2384.92	-44.61	≤-26	0.03459	≤2.5	PASS
11N20MIMO	Total	2412	1000~2387	2384.92	--	--	0.05847	≤2.5	PASS
11N20MIMO	Ant1	2412	2387~2400	2400.00	-13.63	≤-16	43.35109	≤25	See table below
11N20MIMO	Ant2	2412	2387~2400	2399.99	-13.27	≤-16	47.09773	≤25	See table below
11N20MIMO	Ant1	2412	2483.5~2496.5	2492.46	-36.81	≤-16	0.20845	≤25	PASS
11N20MIMO	Ant2	2412	2483.5~2496.5	2485.77	-36.38	≤-16	0.23014	≤25	PASS
11N20MIMO	Total	2412	2483.5~2496.5	2485.77	--	--	0.43859	≤25	PASS
11N20MIMO	Ant1	2412	2496.5~13000	12444.36	-46.00	≤-26	0.02512	≤2.5	PASS
11N20MIMO	Ant2	2412	2496.5~13000	12596.14	-45.04	≤-26	0.03133	≤2.5	PASS
11N20MIMO	Total	2412	2496.5~13000	12596.14	--	--	0.05645	≤2.5	PASS
11N20MIMO	Ant1	2442	30~1000	810.61	-48.73	≤-26	0.01340	≤2.5	PASS
11N20MIMO	Ant2	2442	30~1000	785.63	-48.20	≤-26	0.01514	≤2.5	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

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Test Mode	Ant.	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
11N20MIMO	Total	2442	30~1000	785.63	--	--	0.02854	≤2.5	PASS
11N20MIMO	Ant1	2442	1000~2387	2376.25	-47.83	≤-26	0.01648	≤2.5	PASS
11N20MIMO	Ant2	2442	1000~2387	2376.60	-46.78	≤-26	0.02099	≤2.5	PASS
11N20MIMO	Total	2442	1000~2387	2376.60	--	--	0.03747	≤2.5	PASS
11N20MIMO	Ant1	2442	2387~2400	2395.49	-37.13	≤-16	0.19364	≤25	PASS
11N20MIMO	Ant2	2442	2387~2400	2398.80	-37.05	≤-16	0.19724	≤25	PASS
11N20MIMO	Total	2442	2387~2400	2398.80	--	--	0.39088	≤25	PASS
11N20MIMO	Ant1	2442	2483.5~2496.5	2491.74	-36.94	≤-16	0.20230	≤25	PASS
11N20MIMO	Ant2	2442	2483.5~2496.5	2486.18	-37.01	≤-16	0.19907	≤25	PASS
11N20MIMO	Total	2442	2483.5~2496.5	2486.18	--	--	0.40137	≤25	PASS
11N20MIMO	Ant1	2442	2496.5~13000	12014.77	-45.61	≤-26	0.02748	≤2.5	PASS
11N20MIMO	Ant2	2442	2496.5~13000	5422.25	-46.18	≤-26	0.02410	≤2.5	PASS
11N20MIMO	Total	2442	2496.5~13000	5422.25	--	--	0.05158	≤2.5	PASS
11N20MIMO	Ant1	2472	30~1000	883.60	-48.96	≤-26	0.01271	≤2.5	PASS
11N20MIMO	Ant2	2472	30~1000	806.73	-48.30	≤-26	0.01479	≤2.5	PASS
11N20MIMO	Total	2472	30~1000	806.73	--	--	0.02750	≤2.5	PASS
11N20MIMO	Ant1	2472	1000~2387	2379.02	-47.47	≤-26	0.01791	≤2.5	PASS
11N20MIMO	Ant2	2472	1000~2387	2368.97	-47.30	≤-26	0.01862	≤2.5	PASS
11N20MIMO	Total	2472	1000~2387	2368.97	--	--	0.03653	≤2.5	PASS
11N20MIMO	Ant1	2472	2387~2400	2393.94	-37.35	≤-16	0.18408	≤25	PASS
11N20MIMO	Ant2	2472	2387~2400	2387.49	-37.36	≤-16	0.18365	≤25	PASS
11N20MIMO	Total	2472	2387~2400	2387.49	--	--	0.36773	≤25	PASS
11N20MIMO	Ant1	2472	2483.5~2496.5	2483.55	-24.15	≤-16	3.84592	≤25	PASS
11N20MIMO	Ant2	2472	2483.5~2496.5	2483.51	-21.87	≤-16	6.50130	≤25	See table below
11N20MIMO	Total	2472	2483.5~2496.5	2483.51	--	--	10.34722	≤25	See table below
11N20MIMO	Ant1	2472	2496.5~13000	2497.55	-45.46	≤-26	0.02844	≤2.5	PASS
11N20MIMO	Ant2	2472	2496.5~13000	2497.03	-40.83	≤-26	0.08260	≤2.5	PASS
11N20MIMO	Total	2472	2496.5~13000	2497.03	--	--	0.11104	≤2.5	PASS
11N40MIMO	Ant1	2422	30~1000	507.24	-49.10	≤-26	0.01230	≤2.5	PASS
11N40MIMO	Ant2	2422	30~1000	950.29	-48.96	≤-26	0.01271	≤2.5	PASS
11N40MIMO	Total	2422	30~1000	950.29	--	--	0.02501	≤2.5	PASS
11N40MIMO	Ant1	2422	1000~2387	2384.92	-44.96	≤-26	0.03192	≤2.5	PASS
11N40MIMO	Ant2	2422	1000~2387	2383.53	-43.58	≤-26	0.04385	≤2.5	PASS
11N40MIMO	Total	2422	1000~2387	2383.53	--	--	0.07577	≤2.5	PASS
11N40MIMO	Ant1	2422	2387~2400	2400.00	-20.88	≤-16	8.16582	≤25	PASS
11N40MIMO	Ant2	2422	2387~2400	2399.97	-22.25	≤-16	5.95662	≤25	See table below
11N40MIMO	Total	2422	2387~2400	2399.97	--	--	14.12244	≤25	See table below
11N40MIMO	Ant1	2422	2483.5~2496.5	2490.88	-37.27	≤-16	0.18750	≤25	PASS
11N40MIMO	Ant2	2422	2483.5~2496.5	2488.32	-37.13	≤-16	0.19364	≤25	PASS
11N40MIMO	Total	2422	2483.5~2496.5	2488.32	--	--	0.38114	≤25	PASS
11N40MIMO	Ant1	2422	2496.5~13000	12629.23	-45.48	≤-26	0.02831	≤2.5	PASS
11N40MIMO	Ant2	2422	2496.5~13000	12674.92	-44.83	≤-26	0.03289	≤2.5	PASS
11N40MIMO	Total	2422	2496.5~13000	12674.92	--	--	0.06120	≤2.5	PASS
11N40MIMO	Ant1	2442	30~1000	530.76	-49.00	≤-26	0.01259	≤2.5	PASS
11N40MIMO	Ant2	2442	30~1000	803.58	-49.20	≤-26	0.01202	≤2.5	PASS
11N40MIMO	Total	2442	30~1000	803.58	--	--	0.02461	≤2.5	PASS
11N40MIMO	Ant1	2442	1000~2387	2372.09	-46.60	≤-26	0.02188	≤2.5	PASS
11N40MIMO	Ant2	2442	1000~2387	2345.39	-47.00	≤-26	0.01995	≤2.5	PASS
11N40MIMO	Total	2442	1000~2387	2345.39	--	--	0.04183	≤2.5	PASS
11N40MIMO	Ant1	2442	2387~2400	2398.51	-36.86	≤-16	0.20606	≤25	PASS
11N40MIMO	Ant2	2442	2387~2400	2393.42	-36.80	≤-16	0.20893	≤25	PASS
11N40MIMO	Total	2442	2387~2400	2393.42	--	--	0.41499	≤25	PASS
11N40MIMO	Ant1	2442	2483.5~2496.5	2485.52	-36.30	≤-16	0.23442	≤25	PASS
11N40MIMO	Ant2	2442	2483.5~2496.5	2494.23	-36.24	≤-16	0.23768	≤25	PASS
11N40MIMO	Total	2442	2483.5~2496.5	2494.23	--	--	0.47210	≤25	PASS
11N40MIMO	Ant1	2442	2496.5~13000	12632.38	-46.04	≤-26	0.02489	≤2.5	PASS
11N40MIMO	Ant2	2442	2496.5~13000	11973.81	-45.76	≤-26	0.02655	≤2.5	PASS
11N40MIMO	Total	2442	2496.5~13000	11973.81	--	--	0.05144	≤2.5	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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Tel: +86-755-28230888

Fax: +86-755-28230886

E-mail: info@uttlab.com

<http://www.uttlab.com>

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Test Mode	Ant.	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
11N40MIMO	Ant1	2462	30~1000	891.85	-49.17	≤-26	0.01211	≤2.5	PASS
11N40MIMO	Ant2	2462	30~1000	901.55	-49.26	≤-26	0.01186	≤2.5	PASS
11N40MIMO	Total	2462	30~1000	901.55	--	--	0.02397	≤2.5	PASS
11N40MIMO	Ant1	2462	1000~2387	2203.92	-47.70	≤-26	0.01698	≤2.5	PASS
11N40MIMO	Ant2	2462	1000~2387	2360.99	-47.05	≤-26	0.01972	≤2.5	PASS
11N40MIMO	Total	2462	1000~2387	2360.99	--	--	0.03670	≤2.5	PASS
11N40MIMO	Ant1	2462	2387~2400	2389.50	-37.25	≤-16	0.18836	≤25	PASS
11N40MIMO	Ant2	2462	2387~2400	2396.80	-36.93	≤-16	0.20277	≤25	PASS
11N40MIMO	Total	2462	2387~2400	2396.80	--	--	0.39113	≤25	PASS
11N40MIMO	Ant1	2462	2483.5~2496.5	2483.51	-27.76	≤-16	1.67494	≤25	PASS
11N40MIMO	Ant2	2462	2483.5~2496.5	2483.50	-26.42	≤-16	2.28034	≤25	PASS
11N40MIMO	Total	2462	2483.5~2496.5	2483.50	--	--	3.95528	≤25	PASS
11N40MIMO	Ant1	2462	2496.5~13000	2497.55	-40.01	≤-26	0.09977	≤2.5	PASS
11N40MIMO	Ant2	2462	2496.5~13000	2498.08	-39.11	≤-26	0.12274	≤2.5	PASS
11N40MIMO	Total	2462	2496.5~13000	2498.08	--	--	0.22251	≤2.5	PASS
11AX20MIMO	Ant1	2412	30~1000	891.36	-48.95	≤-26	0.01274	≤2.5	PASS
11AX20MIMO	Ant2	2412	30~1000	922.64	-49.01	≤-26	0.01256	≤2.5	PASS
11AX20MIMO	Total	2412	30~1000	922.64	--	--	0.02530	≤2.5	PASS
11AX20MIMO	Ant1	2412	1000~2387	2375.90	-46.77	≤-26	0.02104	≤2.5	PASS
11AX20MIMO	Ant2	2412	1000~2387	2385.27	-44.03	≤-26	0.03954	≤2.5	PASS
11AX20MIMO	Total	2412	1000~2387	2385.27	--	--	0.06058	≤2.5	PASS
11AX20MIMO	Ant1	2412	2387~2400	2399.99	-15.30	≤-16	29.51209	≤25	See table below
11AX20MIMO	Ant2	2412	2387~2400	2399.96	-15.63	≤-16	27.35269	≤25	See table below
11AX20MIMO	Ant1	2412	2483.5~2496.5	2496.07	-36.48	≤-16	0.22491	≤25	PASS
11AX20MIMO	Ant2	2412	2483.5~2496.5	2488.32	-36.96	≤-16	0.20137	≤25	PASS
11AX20MIMO	Total	2412	2483.5~2496.5	2488.32	--	--	0.42628	≤25	PASS
11AX20MIMO	Ant1	2412	2496.5~13000	12141.86	-45.53	≤-26	0.02799	≤2.5	PASS
11AX20MIMO	Ant2	2412	2496.5~13000	12003.74	-45.78	≤-26	0.02642	≤2.5	PASS
11AX20MIMO	Total	2412	2496.5~13000	12003.74	--	--	0.05441	≤2.5	PASS
11AX20MIMO	Ant1	2442	30~1000	816.67	-49.12	≤-26	0.01225	≤2.5	PASS
11AX20MIMO	Ant2	2442	30~1000	895.24	-48.75	≤-26	0.01334	≤2.5	PASS
11AX20MIMO	Total	2442	30~1000	895.24	--	--	0.02559	≤2.5	PASS
11AX20MIMO	Ant1	2442	1000~2387	2152.25	-47.11	≤-26	0.01945	≤2.5	PASS
11AX20MIMO	Ant2	2442	1000~2387	2366.20	-47.27	≤-26	0.01875	≤2.5	PASS
11AX20MIMO	Total	2442	1000~2387	2366.20	--	--	0.03820	≤2.5	PASS
11AX20MIMO	Ant1	2442	2387~2400	2388.87	-37.35	≤-16	0.18408	≤25	PASS
11AX20MIMO	Ant2	2442	2387~2400	2393.00	-37.27	≤-16	0.18750	≤25	PASS
11AX20MIMO	Total	2442	2387~2400	2393.00	--	--	0.37158	≤25	PASS
11AX20MIMO	Ant1	2442	2483.5~2496.5	2495.84	-36.63	≤-16	0.21727	≤25	PASS
11AX20MIMO	Ant2	2442	2483.5~2496.5	2488.15	-36.81	≤-16	0.20845	≤25	PASS
11AX20MIMO	Total	2442	2483.5~2496.5	2488.15	--	--	0.42572	≤25	PASS
11AX20MIMO	Ant1	2442	2496.5~13000	12561.48	-46.11	≤-26	0.02449	≤2.5	PASS
11AX20MIMO	Ant2	2442	2496.5~13000	12522.62	-45.81	≤-26	0.02624	≤2.5	PASS
11AX20MIMO	Total	2442	2496.5~13000	12522.62	--	--	0.05073	≤2.5	PASS
11AX20MIMO	Ant1	2472	30~1000	890.39	-49.08	≤-26	0.01236	≤2.5	PASS
11AX20MIMO	Ant2	2472	30~1000	787.57	-48.97	≤-26	0.01268	≤2.5	PASS
11AX20MIMO	Total	2472	30~1000	787.57	--	--	0.02504	≤2.5	PASS
11AX20MIMO	Ant1	2472	1000~2387	2363.42	-47.43	≤-26	0.01807	≤2.5	PASS
11AX20MIMO	Ant2	2472	1000~2387	2381.80	-47.26	≤-26	0.01879	≤2.5	PASS
11AX20MIMO	Total	2472	1000~2387	2381.80	--	--	0.03686	≤2.5	PASS
11AX20MIMO	Ant1	2472	2387~2400	2393.51	-36.89	≤-16	0.20464	≤25	PASS
11AX20MIMO	Ant2	2472	2387~2400	2392.19	-37.17	≤-16	0.19187	≤25	PASS
11AX20MIMO	Total	2472	2387~2400	2392.19	--	--	0.39651	≤25	PASS
11AX20MIMO	Ant1	2472	2483.5~2496.5	2483.51	-25.67	≤-16	2.71019	≤25	PASS
11AX20MIMO	Ant2	2472	2483.5~2496.5	2483.50	-22.64	≤-16	5.44503	≤25	See table below
11AX20MIMO	Total	2472	2483.5~2496.5	2483.50	--	--	8.15522	≤25	See table below
11AX20MIMO	Ant1	2472	2496.5~13000	2496.50	-44.64	≤-26	0.03436	≤2.5	PASS
11AX20MIMO	Ant2	2472	2496.5~13000	2501.75	-42.84	≤-26	0.05200	≤2.5	PASS

Shenzhen UnionTrust Quality and Technology Co., Ltd.

Address: 16/F, Block A, Building 6th, Baoneng Science and Technology Park, Longhua Street, Longhua District, Shenzhen, China

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Fax: +86-755-28230886

E-mail: info@uttlab.com

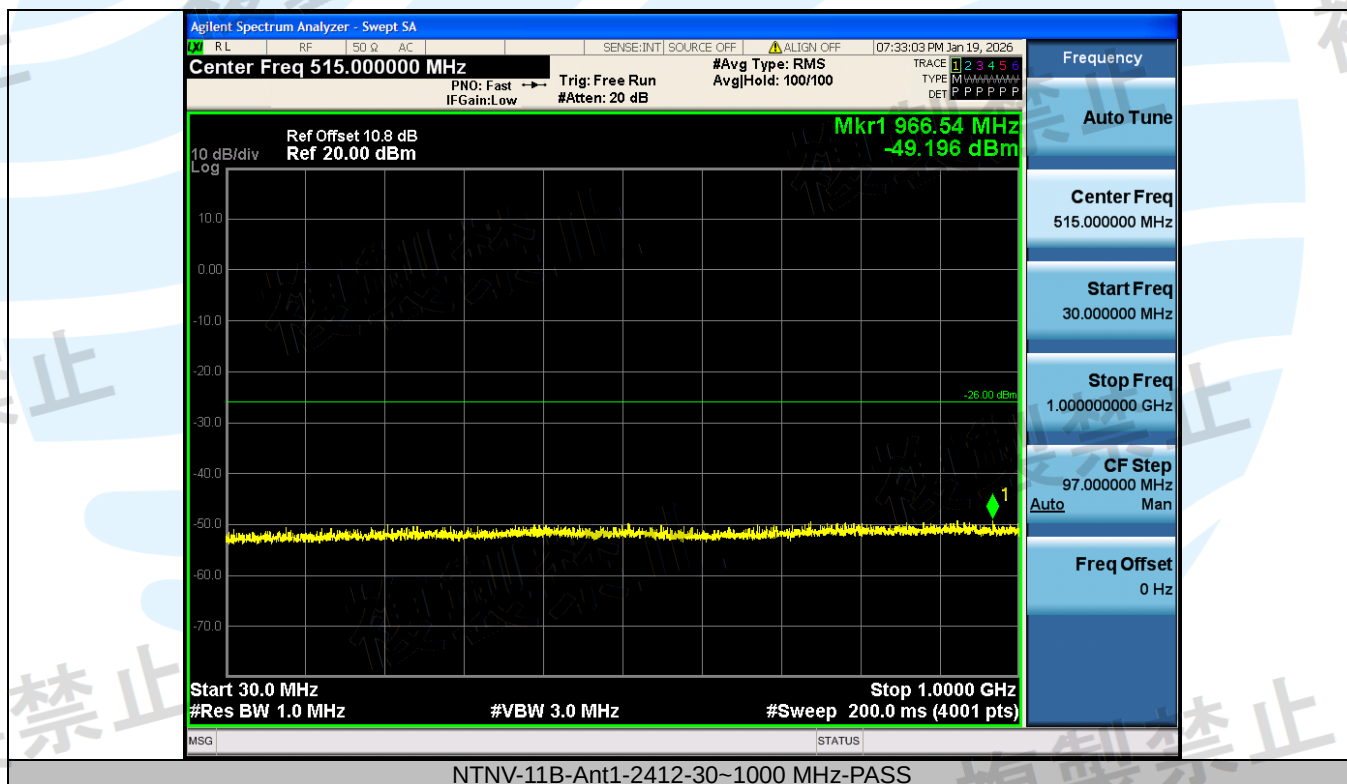
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Test Mode	Ant.	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
11AX20MIMO	Total	2472	2496.5~13000	2501.75	--	--	0.08636	≤2.5	PASS
11AX40MIMO	Ant1	2422	30~1000	498.75	-49.07	≤-26	0.01239	≤2.5	PASS
11AX40MIMO	Ant2	2422	30~1000	893.30	-48.72	≤-26	0.01343	≤2.5	PASS
11AX40MIMO	Total	2422	30~1000	893.30	--	--	0.02582	≤2.5	PASS
11AX40MIMO	Ant1	2422	1000~2387	2385.27	-46.41	≤-26	0.02286	≤2.5	PASS
11AX40MIMO	Ant2	2422	1000~2387	2386.31	-45.33	≤-26	0.02931	≤2.5	PASS
11AX40MIMO	Total	2422	1000~2387	2386.31	--	--	0.05217	≤2.5	PASS
11AX40MIMO	Ant1	2422	2387~2400	2399.97	-21.06	≤-16	7.83430	≤25	PASS
11AX40MIMO	Ant2	2422	2387~2400	2400.00	-22.63	≤-16	5.45758	≤25	See table below
11AX40MIMO	Total	2422	2387~2400	2400.00	--	--	13.29188	≤25	See table below
11AX40MIMO	Ant1	2422	2483.5~2496.5	2494.93	-36.72	≤-16	0.21281	≤25	PASS
11AX40MIMO	Ant2	2422	2483.5~2496.5	2495.19	-36.87	≤-16	0.20559	≤25	PASS
11AX40MIMO	Total	2422	2483.5~2496.5	2495.19	--	--	0.41840	≤25	PASS
11AX40MIMO	Ant1	2422	2496.5~13000	12555.18	-45.84	≤-26	0.02606	≤2.5	PASS
11AX40MIMO	Ant2	2422	2496.5~13000	12642.36	-45.93	≤-26	0.02553	≤2.5	PASS
11AX40MIMO	Total	2422	2496.5~13000	12642.36	--	--	0.05159	≤2.5	PASS
11AX40MIMO	Ant1	2442	30~1000	884.81	-49.02	≤-26	0.01253	≤2.5	PASS
11AX40MIMO	Ant2	2442	30~1000	807.94	-48.12	≤-26	0.01542	≤2.5	PASS
11AX40MIMO	Total	2442	30~1000	807.94	--	--	0.02795	≤2.5	PASS
11AX40MIMO	Ant1	2442	1000~2387	2361.69	-47.48	≤-26	0.01786	≤2.5	PASS
11AX40MIMO	Ant2	2442	1000~2387	2322.85	-47.13	≤-26	0.01936	≤2.5	PASS
11AX40MIMO	Total	2442	1000~2387	2322.85	--	--	0.03722	≤2.5	PASS
11AX40MIMO	Ant1	2442	2387~2400	2397.89	-36.84	≤-16	0.20701	≤25	PASS
11AX40MIMO	Ant2	2442	2387~2400	2388.24	-36.71	≤-16	0.21330	≤25	PASS
11AX40MIMO	Total	2442	2387~2400	2388.24	--	--	0.42031	≤25	PASS
11AX40MIMO	Ant1	2442	2483.5~2496.5	2486.49	-37.15	≤-16	0.19275	≤25	PASS
11AX40MIMO	Ant2	2442	2483.5~2496.5	2491.39	-35.96	≤-16	0.25351	≤25	PASS
11AX40MIMO	Total	2442	2483.5~2496.5	2491.39	--	--	0.44626	≤25	PASS
11AX40MIMO	Ant1	2442	2496.5~13000	3725.93	-41.95	≤-26	0.06383	≤2.5	PASS
11AX40MIMO	Ant2	2442	2496.5~13000	9887.29	-41.63	≤-26	0.06871	≤2.5	PASS
11AX40MIMO	Total	2442	2496.5~13000	9887.29	--	--	0.13254	≤2.5	PASS
11AX40MIMO	Ant1	2462	30~1000	877.78	-46.93	≤-26	0.02028	≤2.5	PASS
11AX40MIMO	Ant2	2462	30~1000	904.46	-46.36	≤-26	0.02312	≤2.5	PASS
11AX40MIMO	Total	2462	30~1000	904.46	--	--	0.04340	≤2.5	PASS
11AX40MIMO	Ant1	2462	1000~2387	2286.10	-45.50	≤-26	0.02818	≤2.5	PASS
11AX40MIMO	Ant2	2462	1000~2387	2238.59	-45.24	≤-26	0.02992	≤2.5	PASS
11AX40MIMO	Total	2462	1000~2387	2238.59	--	--	0.05810	≤2.5	PASS
11AX40MIMO	Ant1	2462	2387~2400	2391.23	-36.23	≤-16	0.23823	≤25	PASS
11AX40MIMO	Ant2	2462	2387~2400	2398.12	-35.62	≤-16	0.27416	≤25	PASS
11AX40MIMO	Total	2462	2387~2400	2398.12	--	--	0.51239	≤25	PASS
11AX40MIMO	Ant1	2462	2483.5~2496.5	2488.85	-27.62	≤-16	1.72982	≤25	PASS
11AX40MIMO	Ant2	2462	2483.5~2496.5	2484.87	-30.95	≤-16	0.80353	≤25	PASS
11AX40MIMO	Total	2462	2483.5~2496.5	2484.87	--	--	2.53335	≤25	PASS
11AX40MIMO	Ant1	2462	2496.5~13000	2499.13	-37.47	≤-26	0.17906	≤2.5	PASS
11AX40MIMO	Ant2	2462	2496.5~13000	2498.08	-40.42	≤-26	0.09078	≤2.5	PASS
11AX40MIMO	Total	2462	2496.5~13000	2498.08	--	--	0.26984	≤2.5	PASS

Step 2

Test Mode	Ant.	Freq. [MHz]	Freq. [MHz]	Result [dBm]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
11G	Ant1	2412	2399.98	-22.90	5.12861	≤25	PASS
11G	Ant2	2412	2400.00	-23.06	4.94311	≤25	PASS
11N20MIMO	Ant1	2412	2399.98	-27.62	1.72982	≤25	PASS
11N20MIMO	Ant2	2412	2400.00	-27.99	1.58855	≤25	PASS
11N20MIMO	Total	2412	2400.00	--	3.31836	≤25	PASS
11N20MIMO	Ant1	2472	2483.50	-43.11	0.04887	≤25	PASS
11N20MIMO	Ant2	2472	2483.50	-43.67	0.04295	≤25	PASS
11N20MIMO	Total	2472	2483.50	--	0.09182	≤25	PASS
11N40MIMO	Ant1	2422	2399.99	-35.22	0.30061	≤25	PASS
11N40MIMO	Ant2	2422	2399.99	-35.28	0.29648	≤25	PASS
11N40MIMO	Total	2422	2399.99	--	0.59709	≤25	PASS
11AX20MIMO	Ant1	2412	2399.98	-28.81	1.31522	≤25	PASS
11AX20MIMO	Ant2	2412	2400.00	-28.87	1.29718	≤25	PASS
11AX20MIMO	Total	2412	2400.00	--	2.61240	≤25	PASS
11AX20MIMO	Ant1	2472	2483.50	-43.93	0.04046	≤25	PASS
11AX20MIMO	Ant2	2472	2483.50	-43.91	0.04064	≤25	PASS
11AX20MIMO	Total	2472	2483.50	--	0.08110	≤25	PASS
11AX40MIMO	Ant1	2422	2399.99	-36.72	0.21281	≤25	PASS
11AX40MIMO	Ant2	2422	2399.92	-36.96	0.20137	≤25	PASS
11AX40MIMO	Total	2422	2399.92	--	0.41419	≤25	PASS



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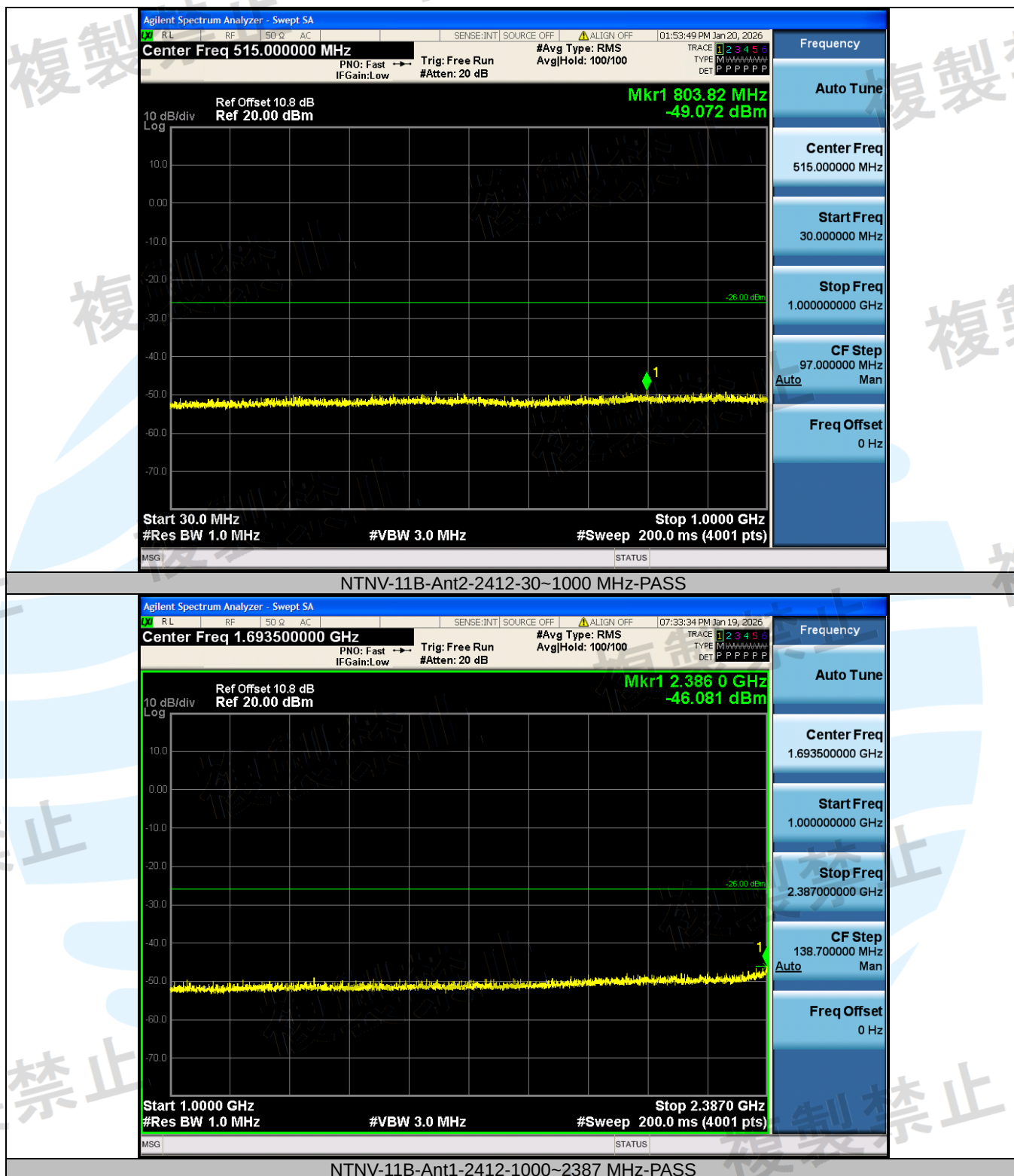
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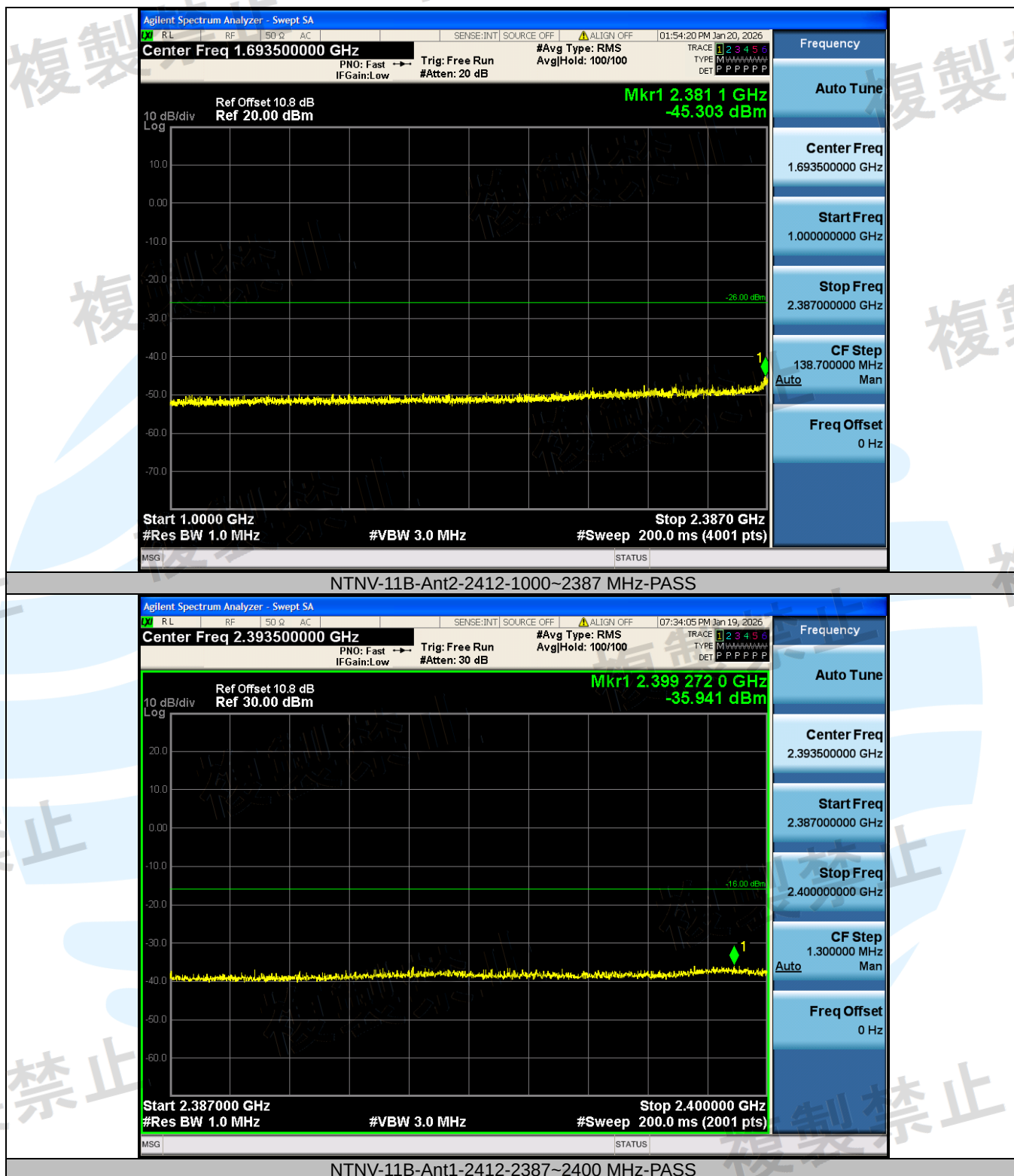
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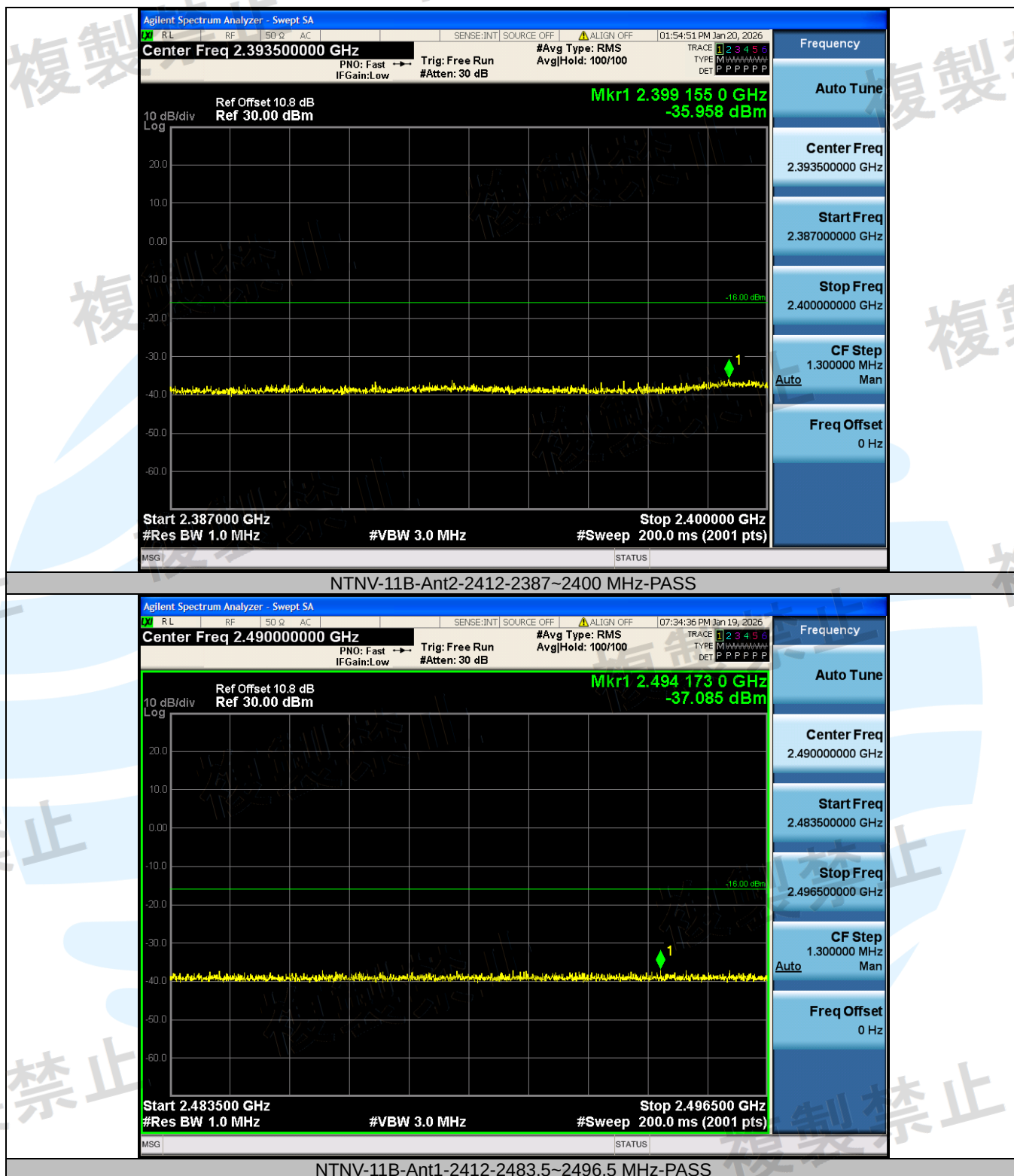
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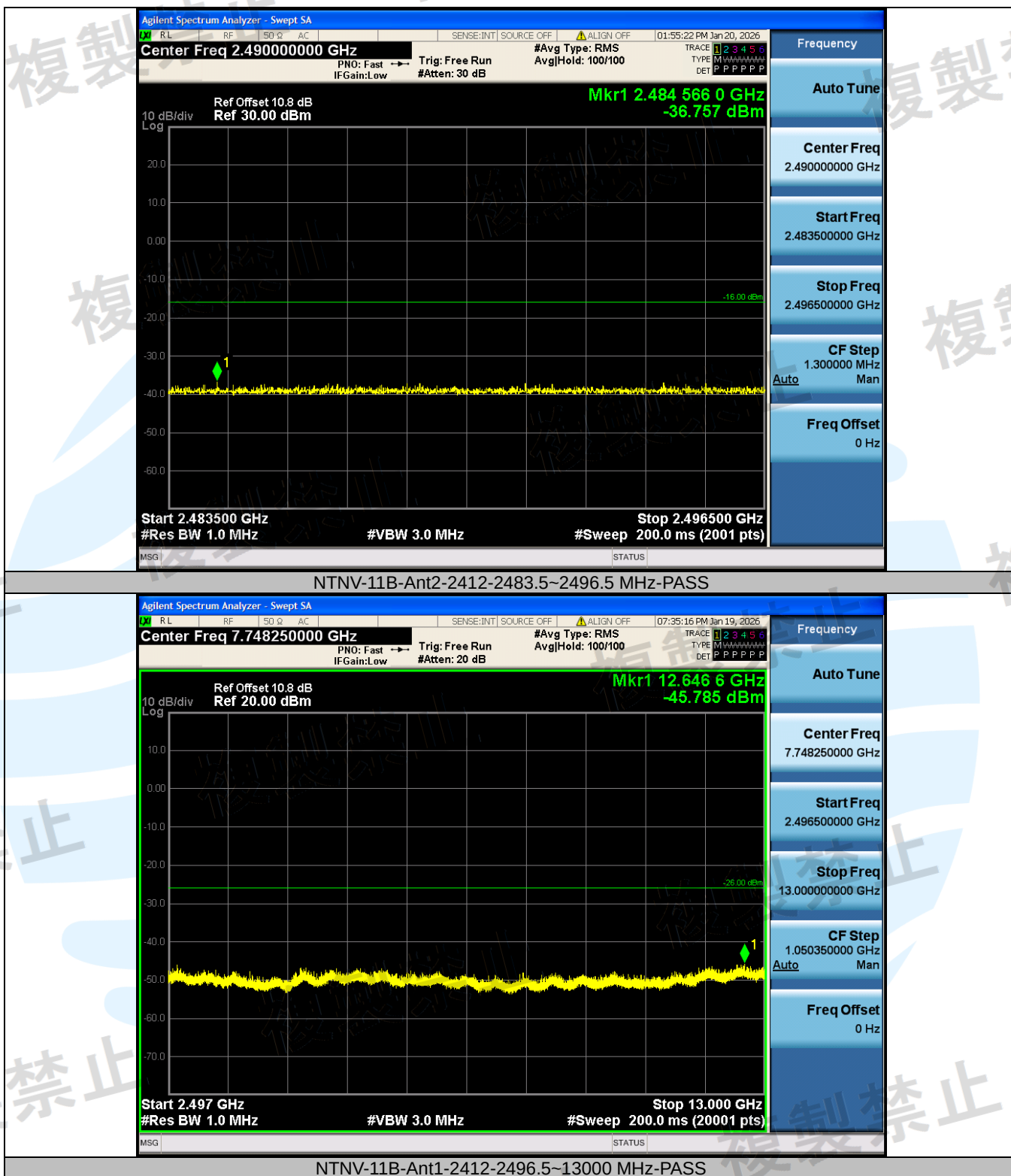
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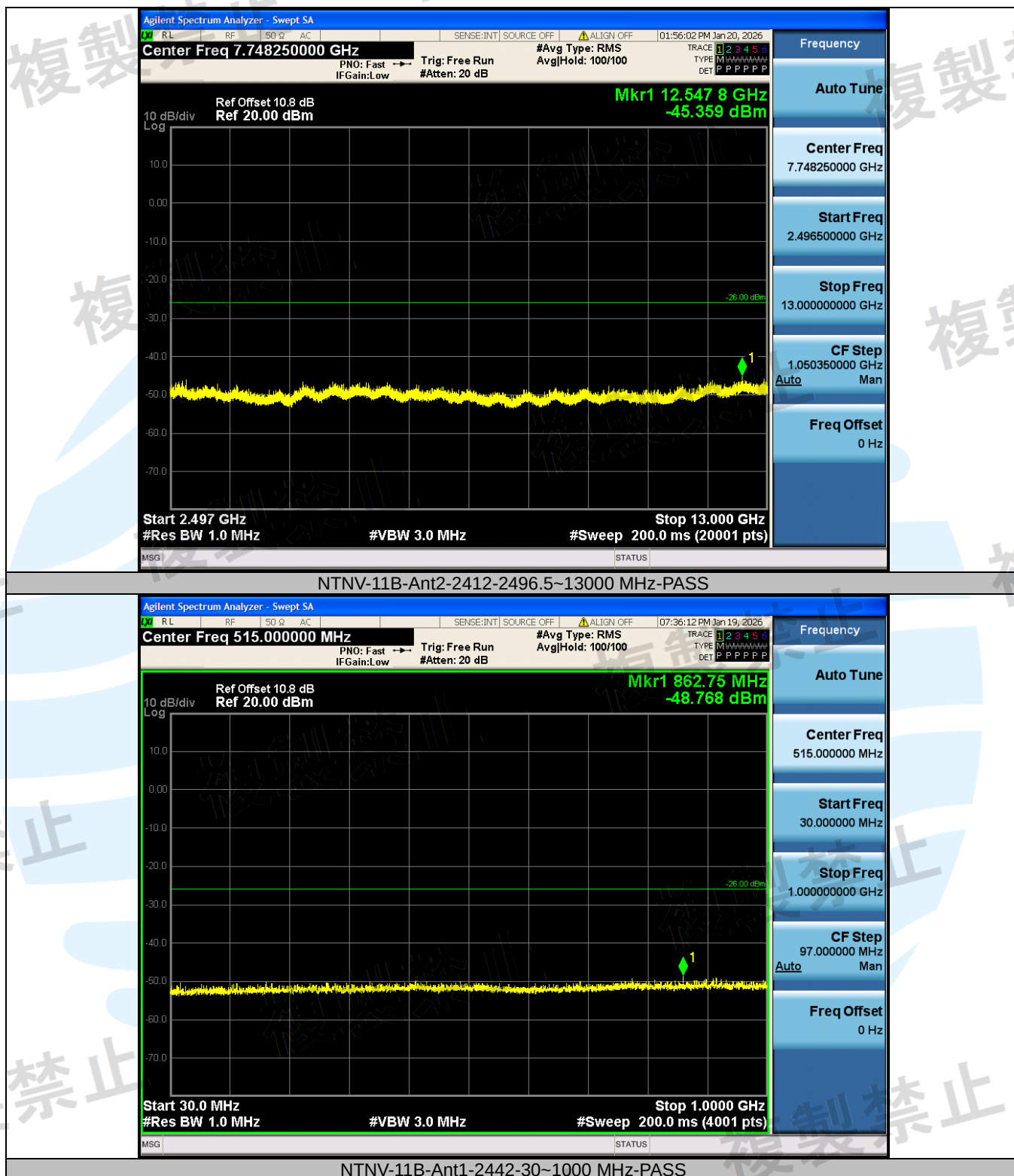
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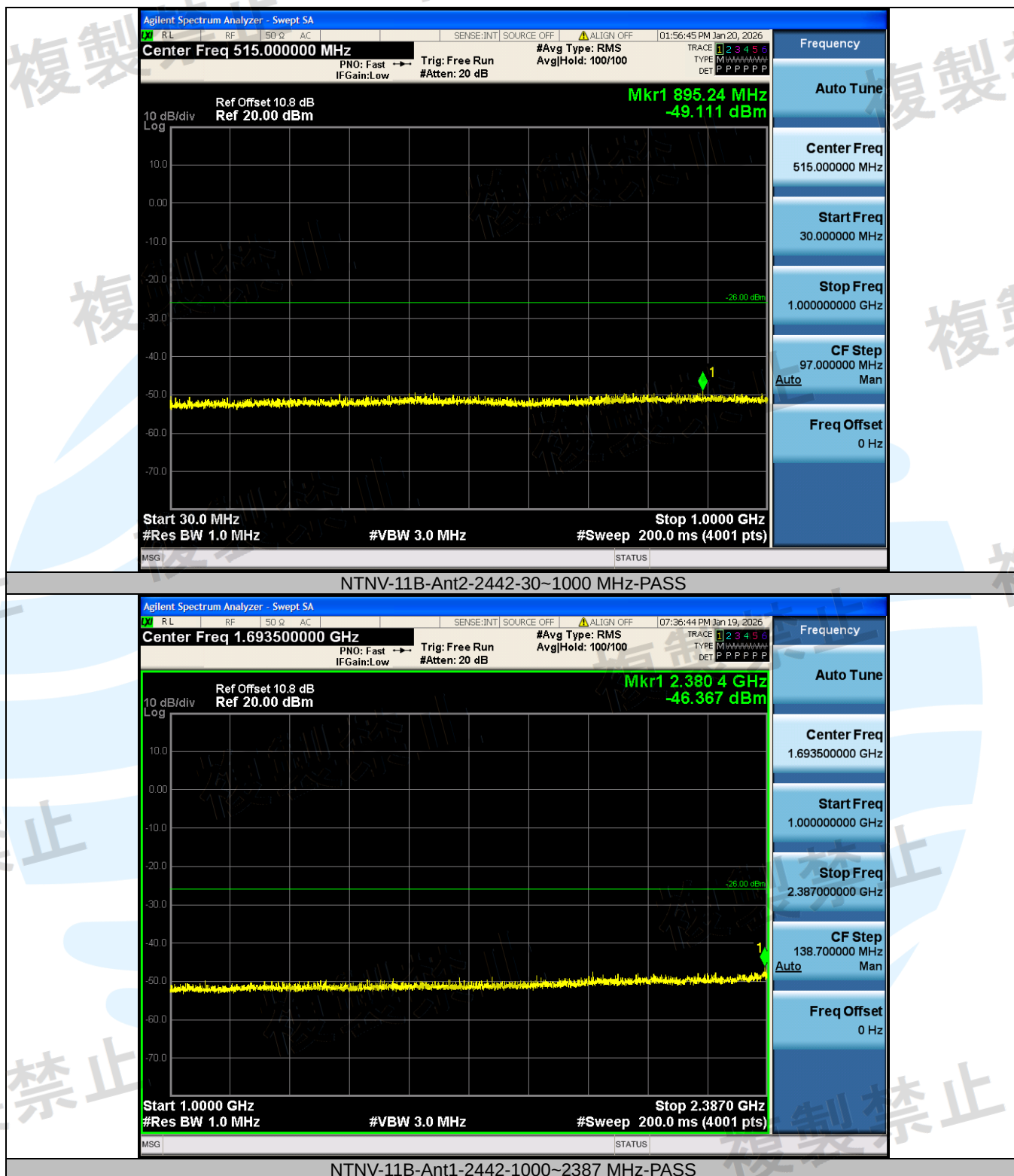


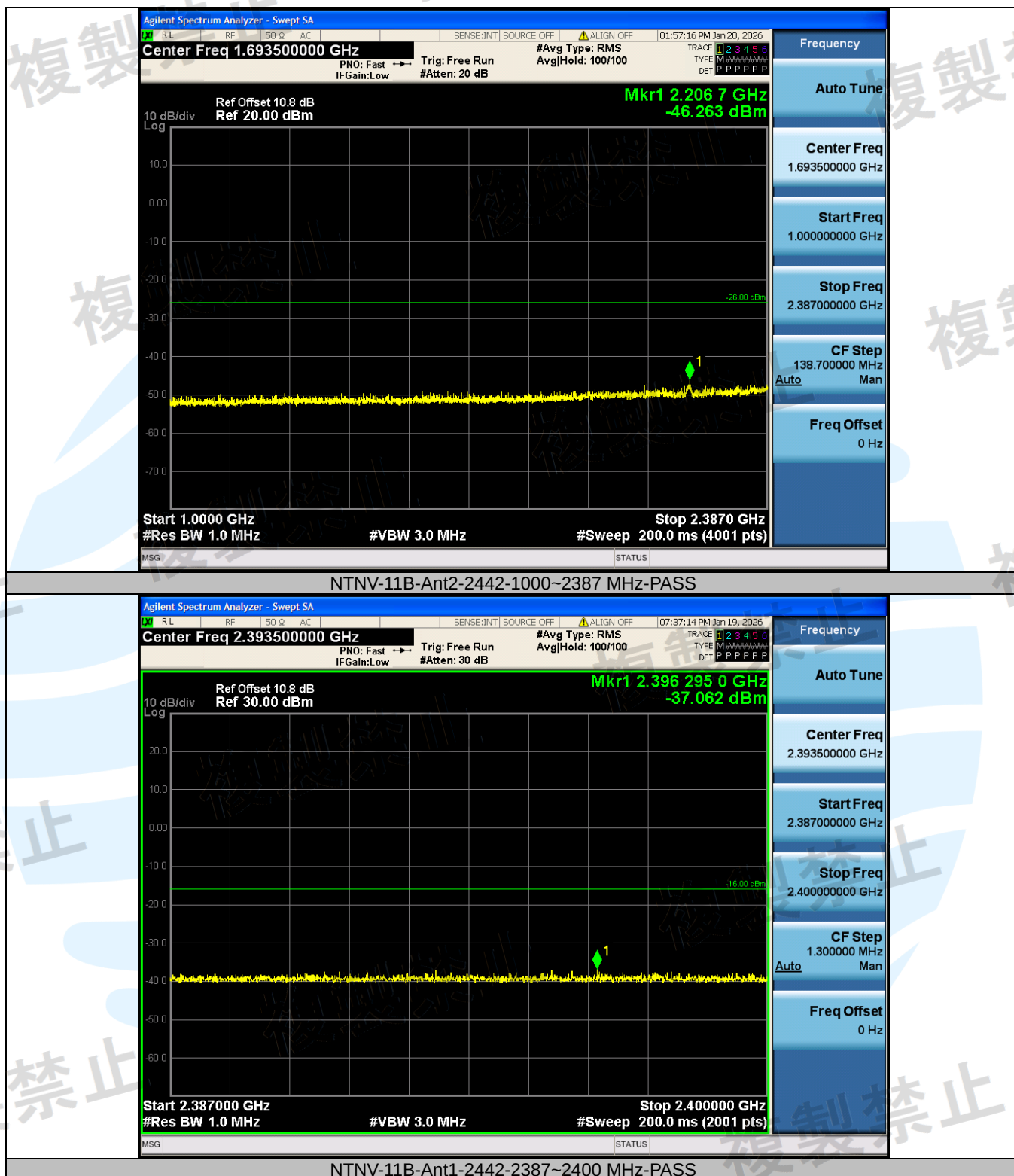


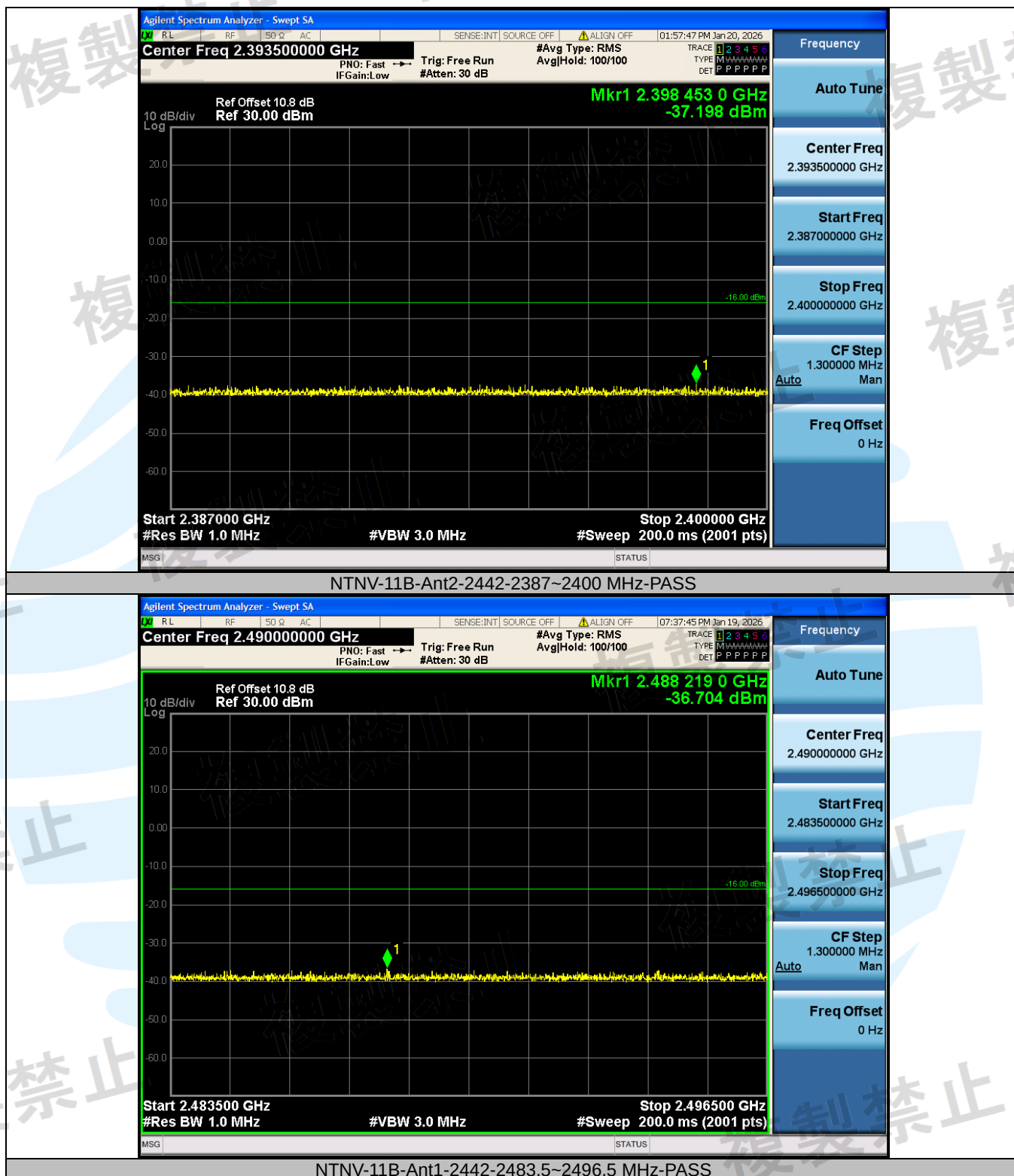


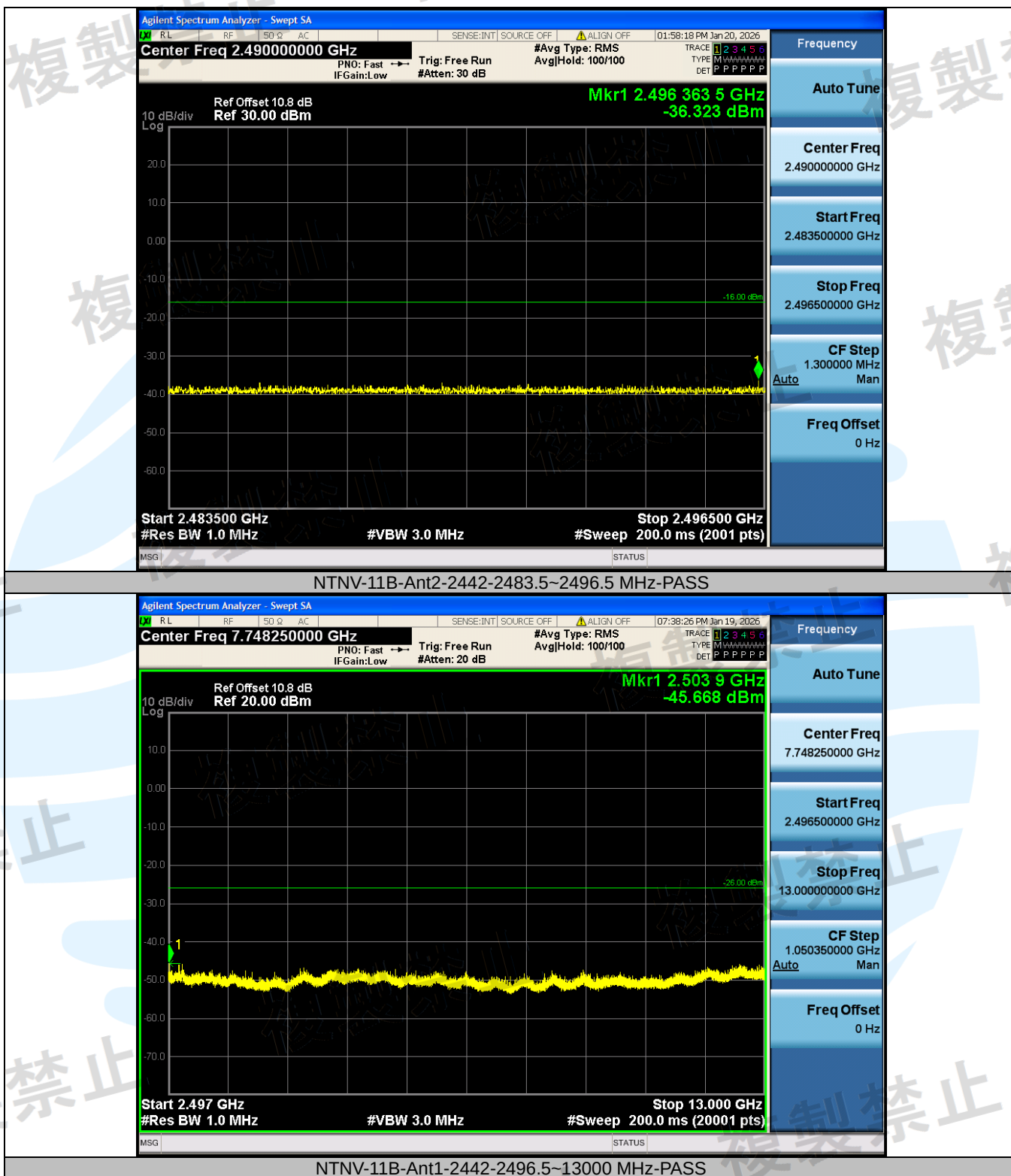


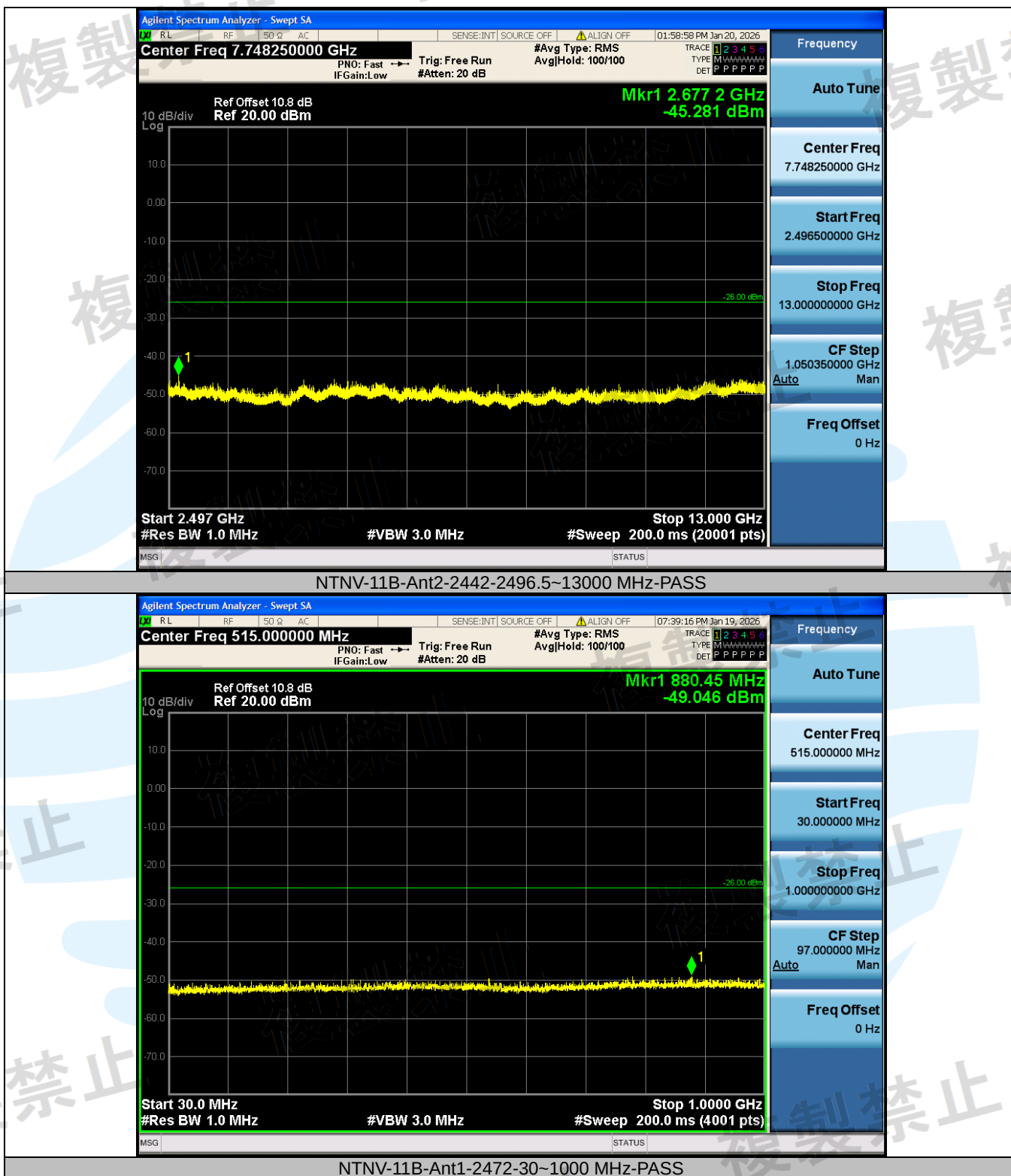










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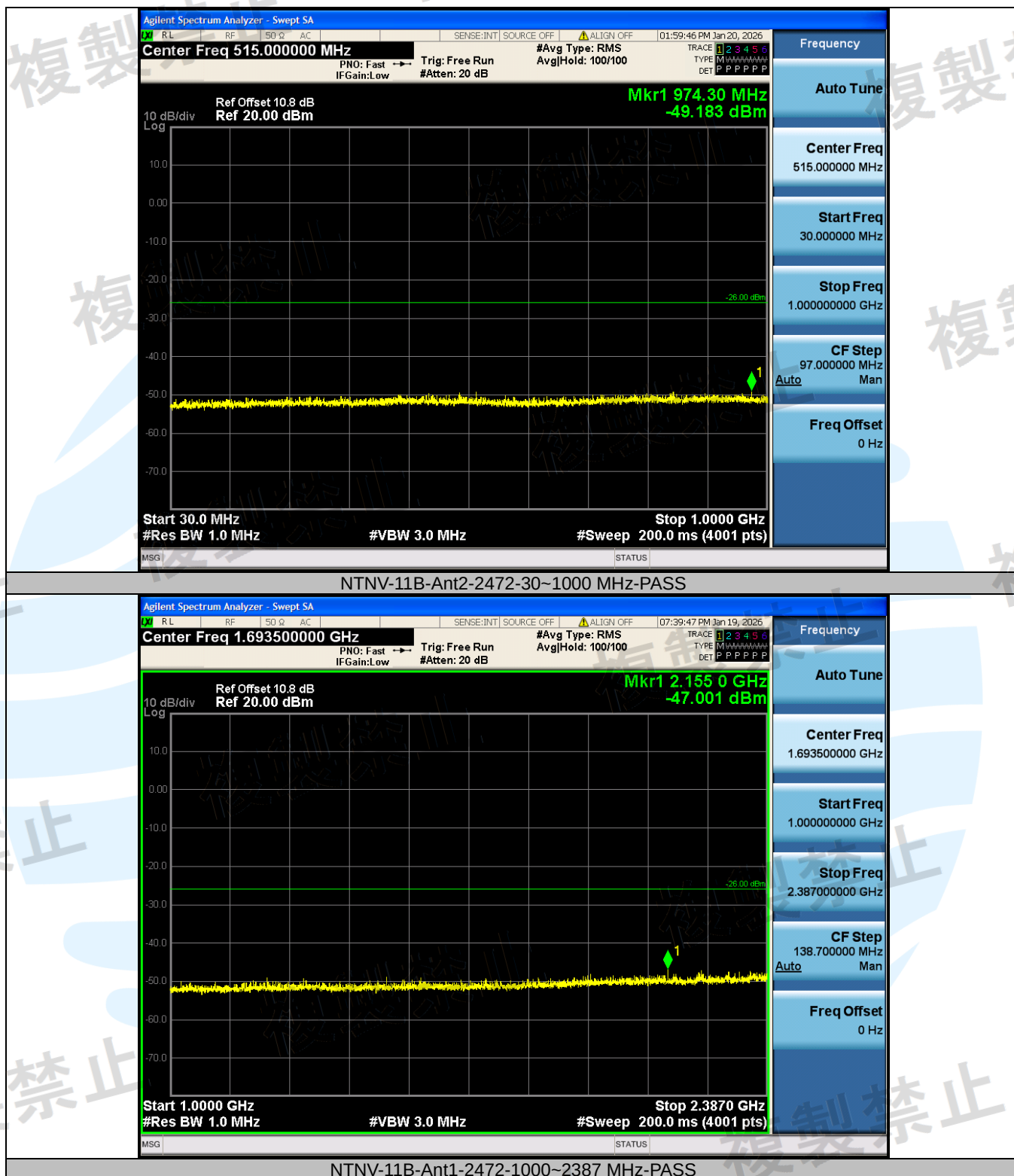
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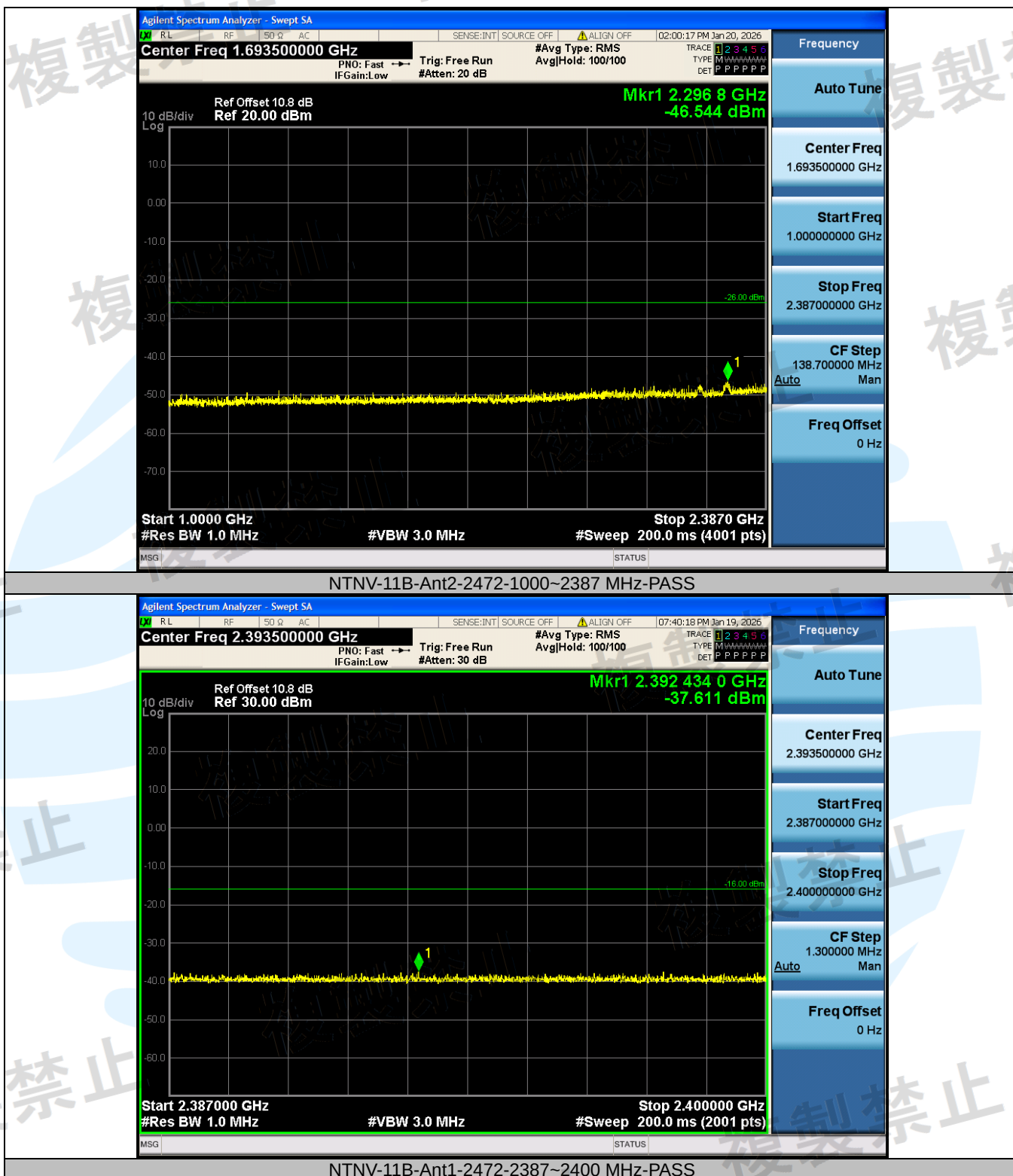
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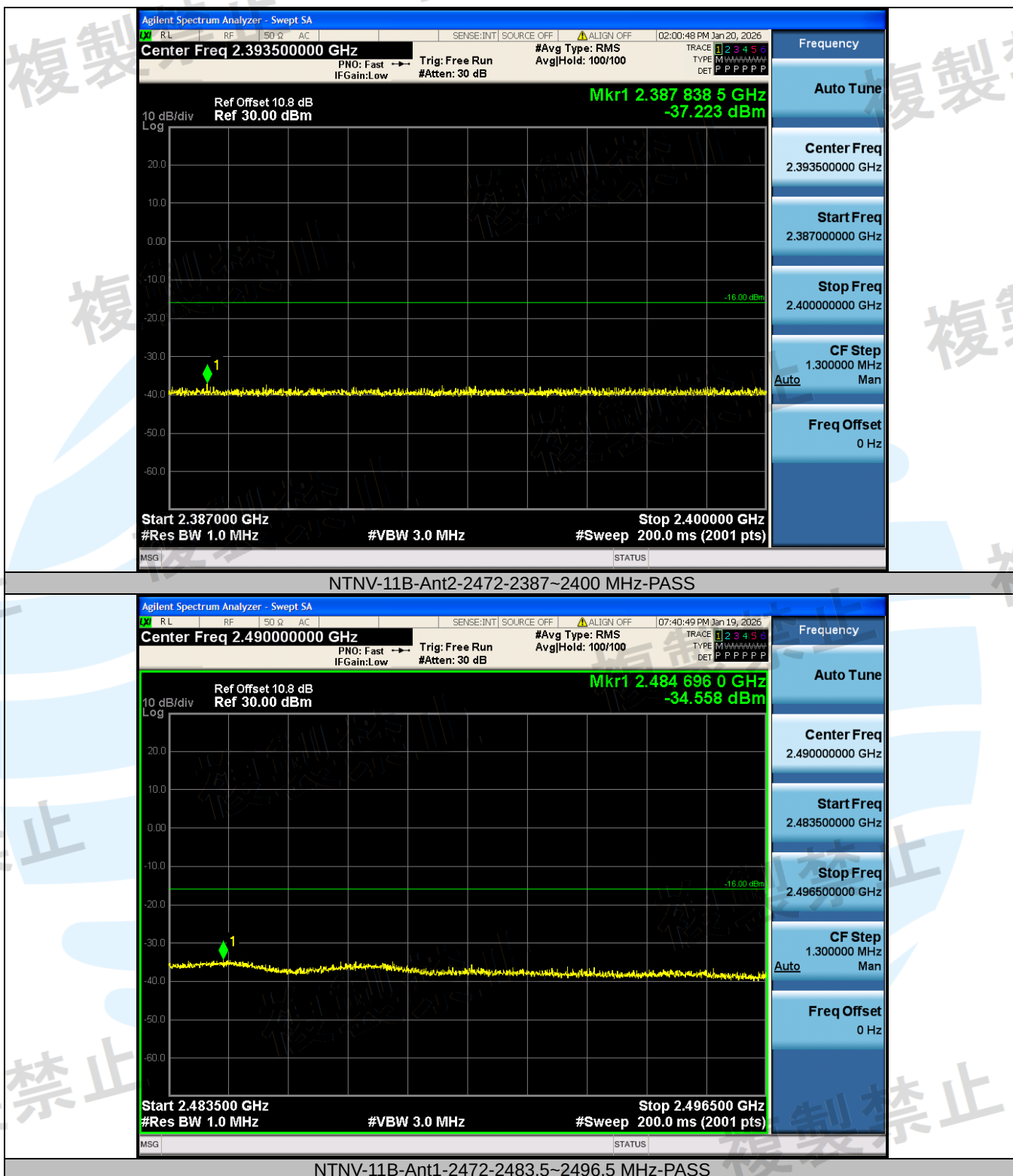
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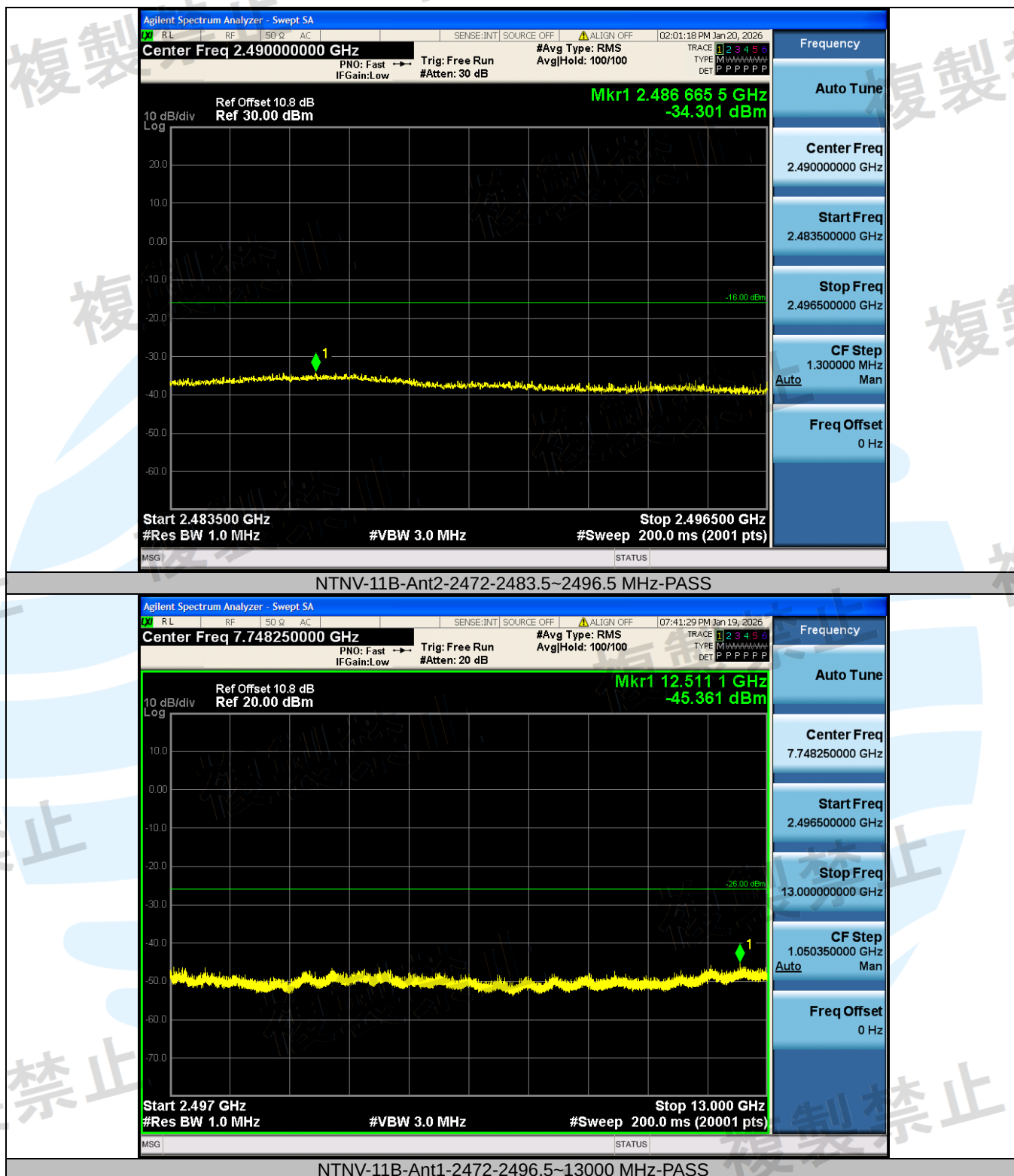
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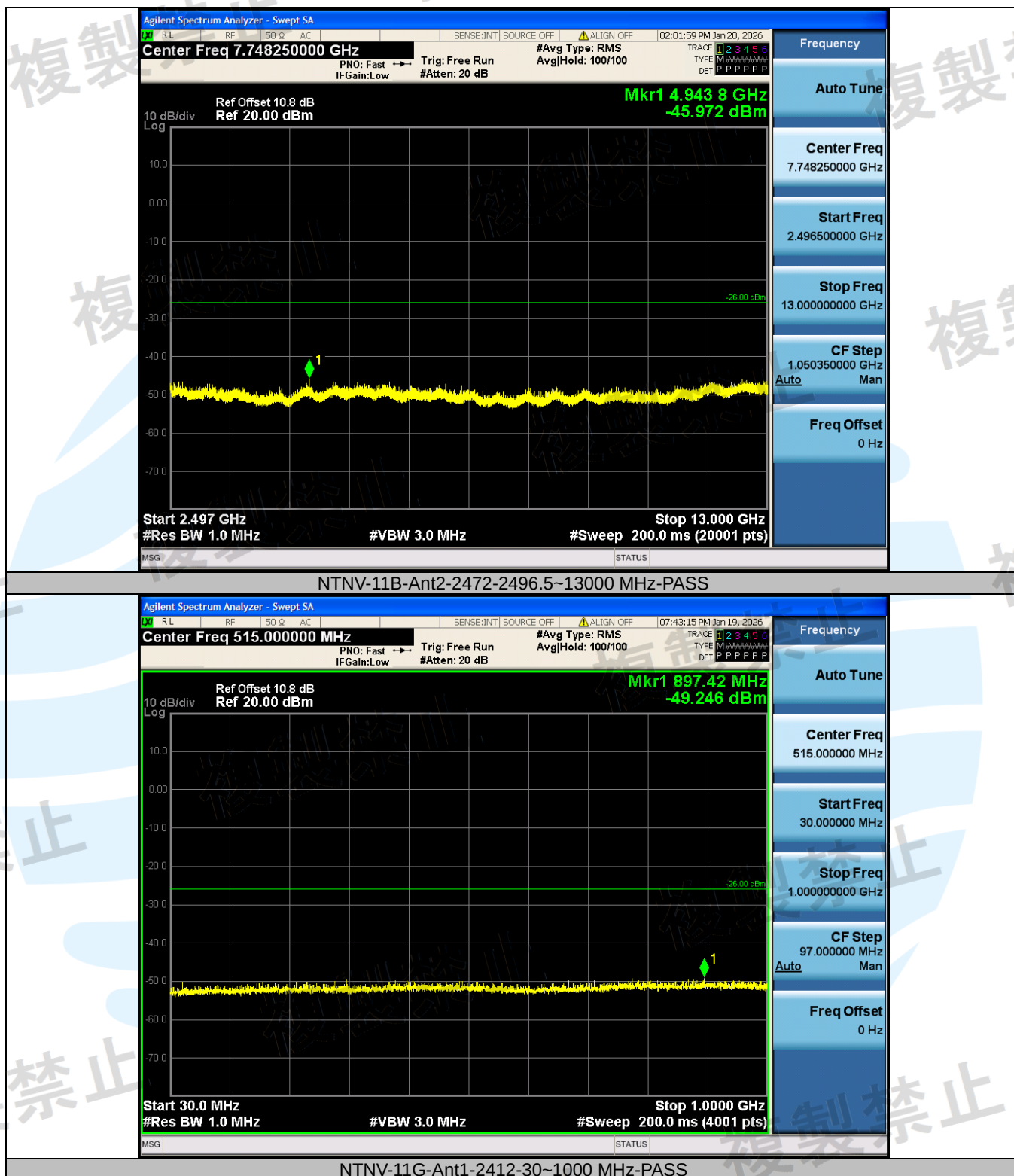
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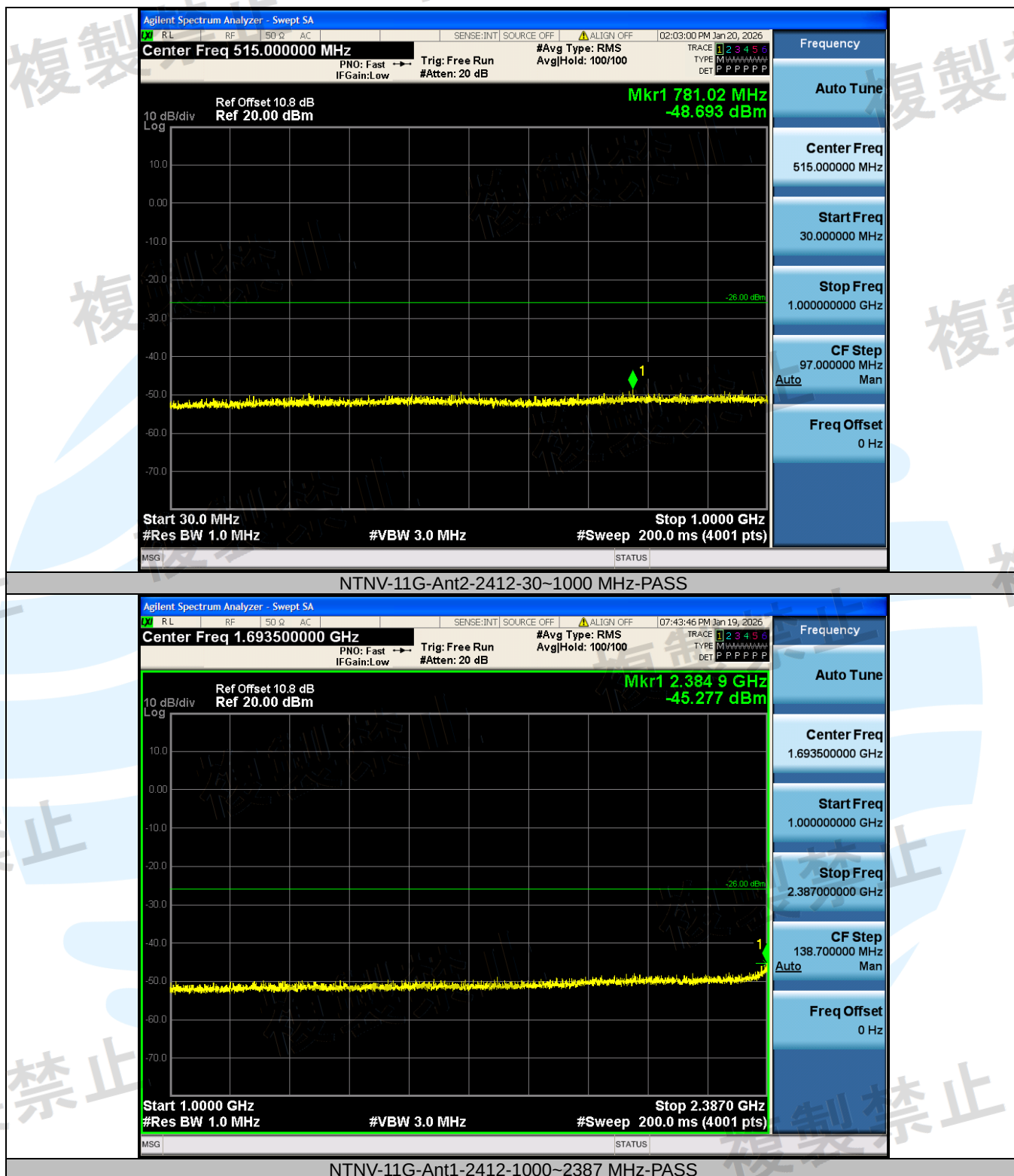
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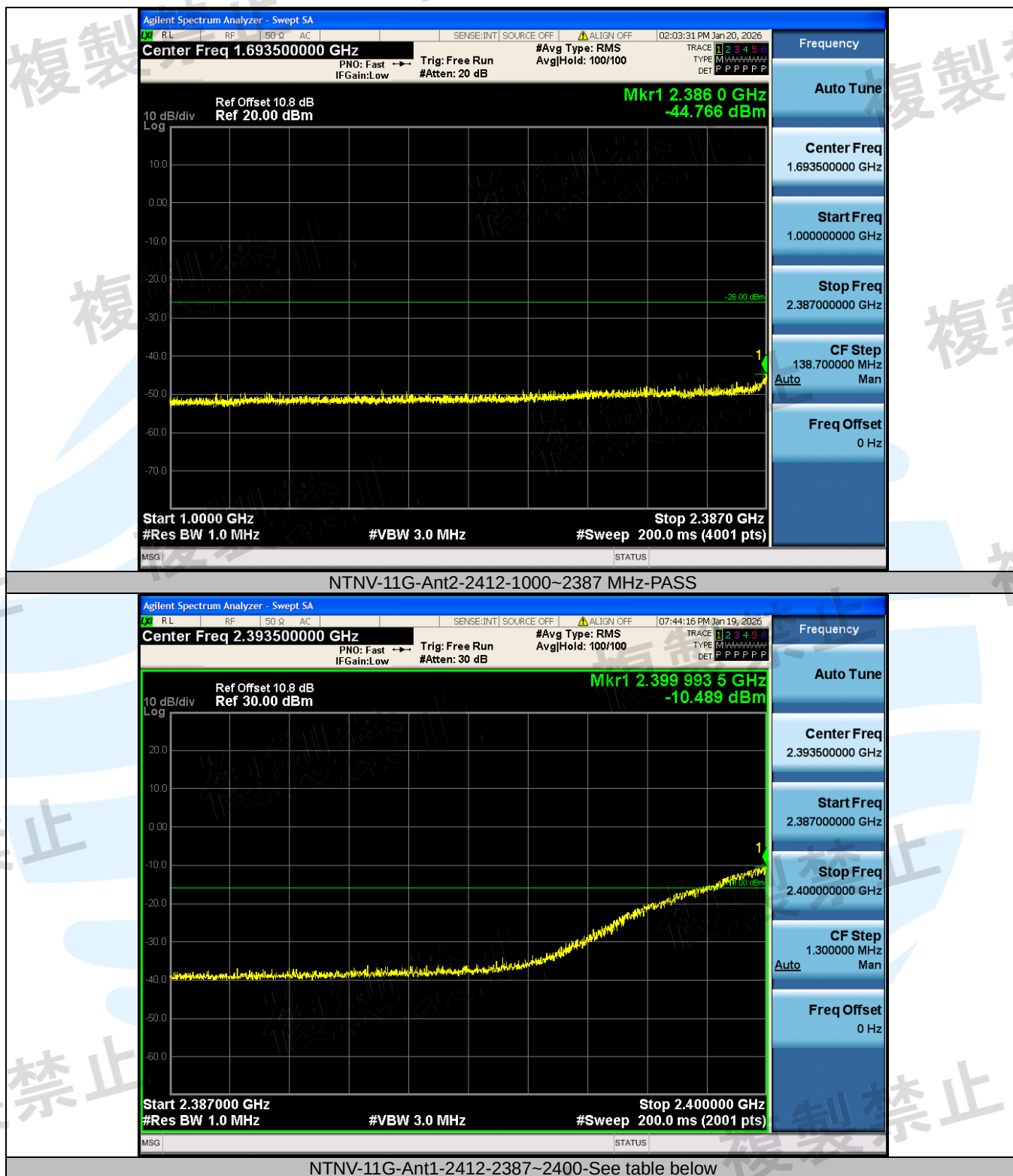
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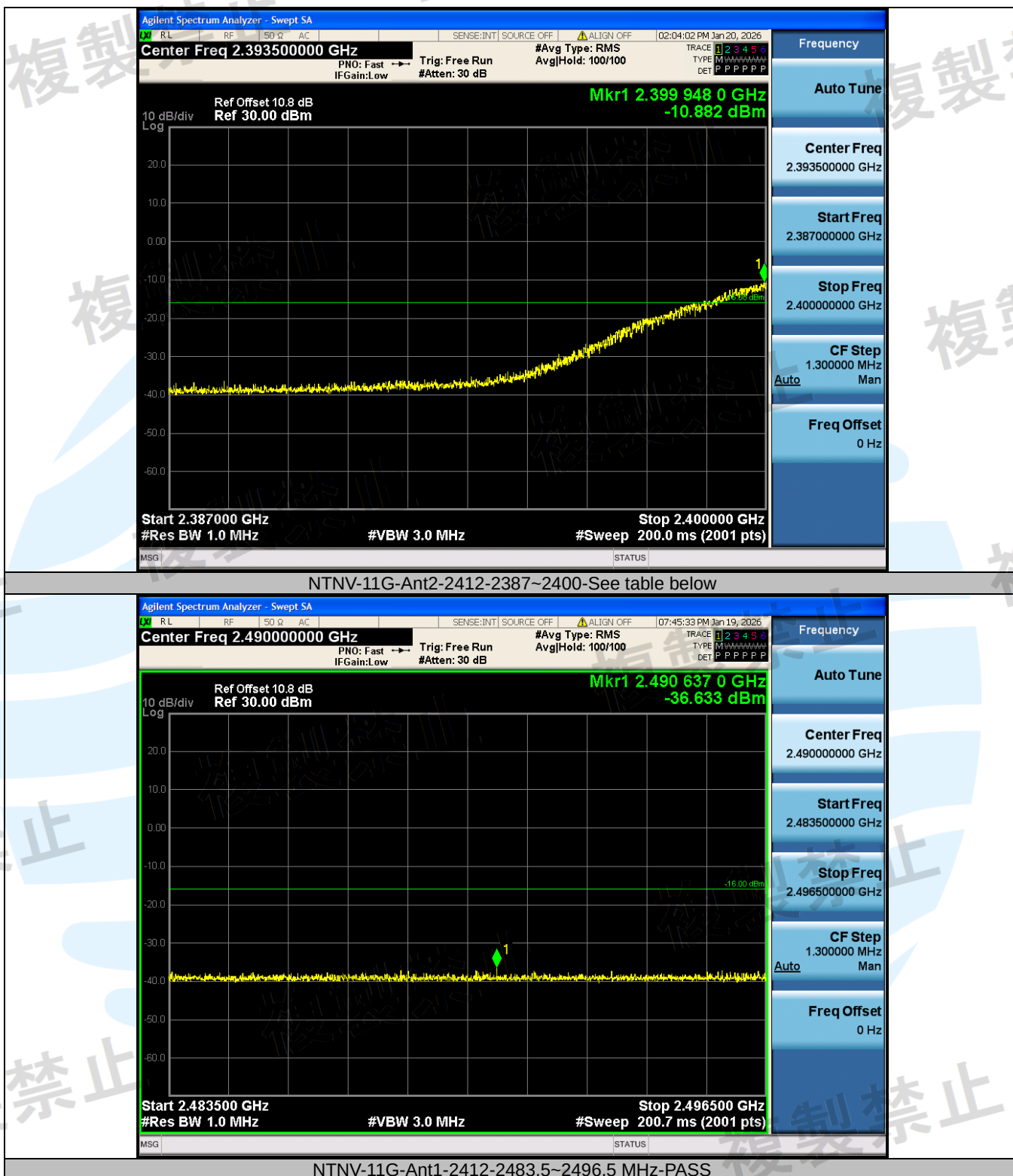
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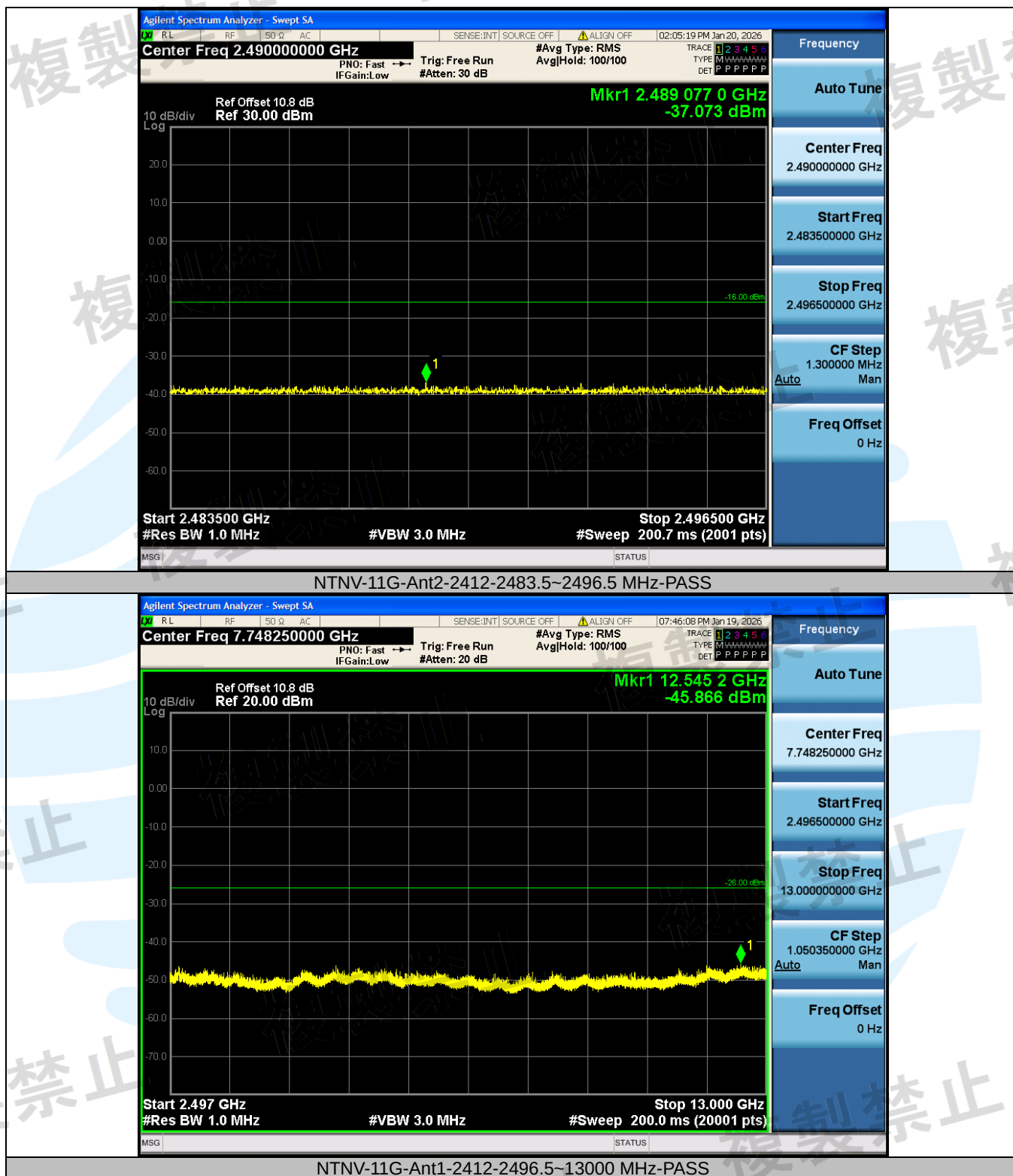
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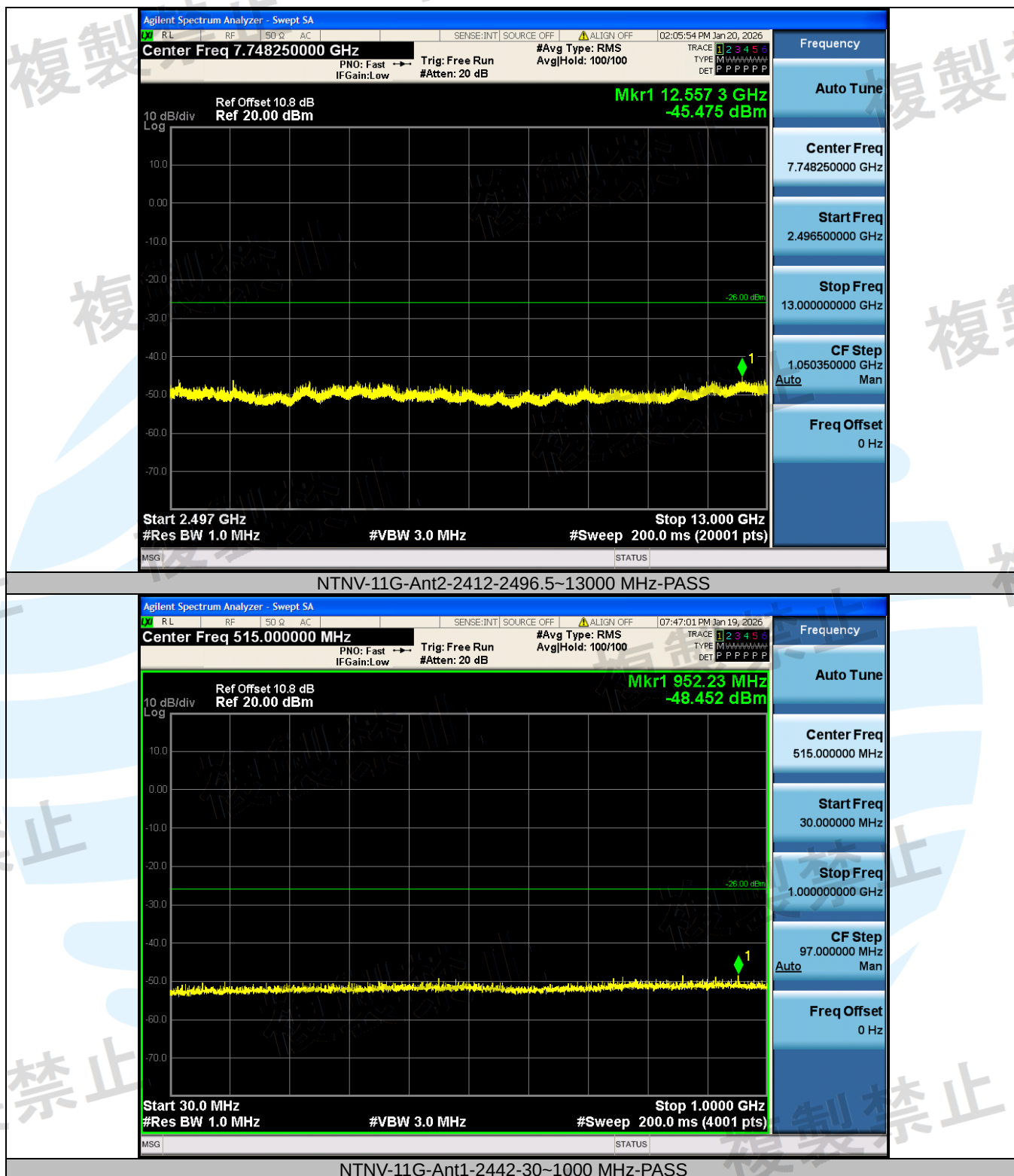
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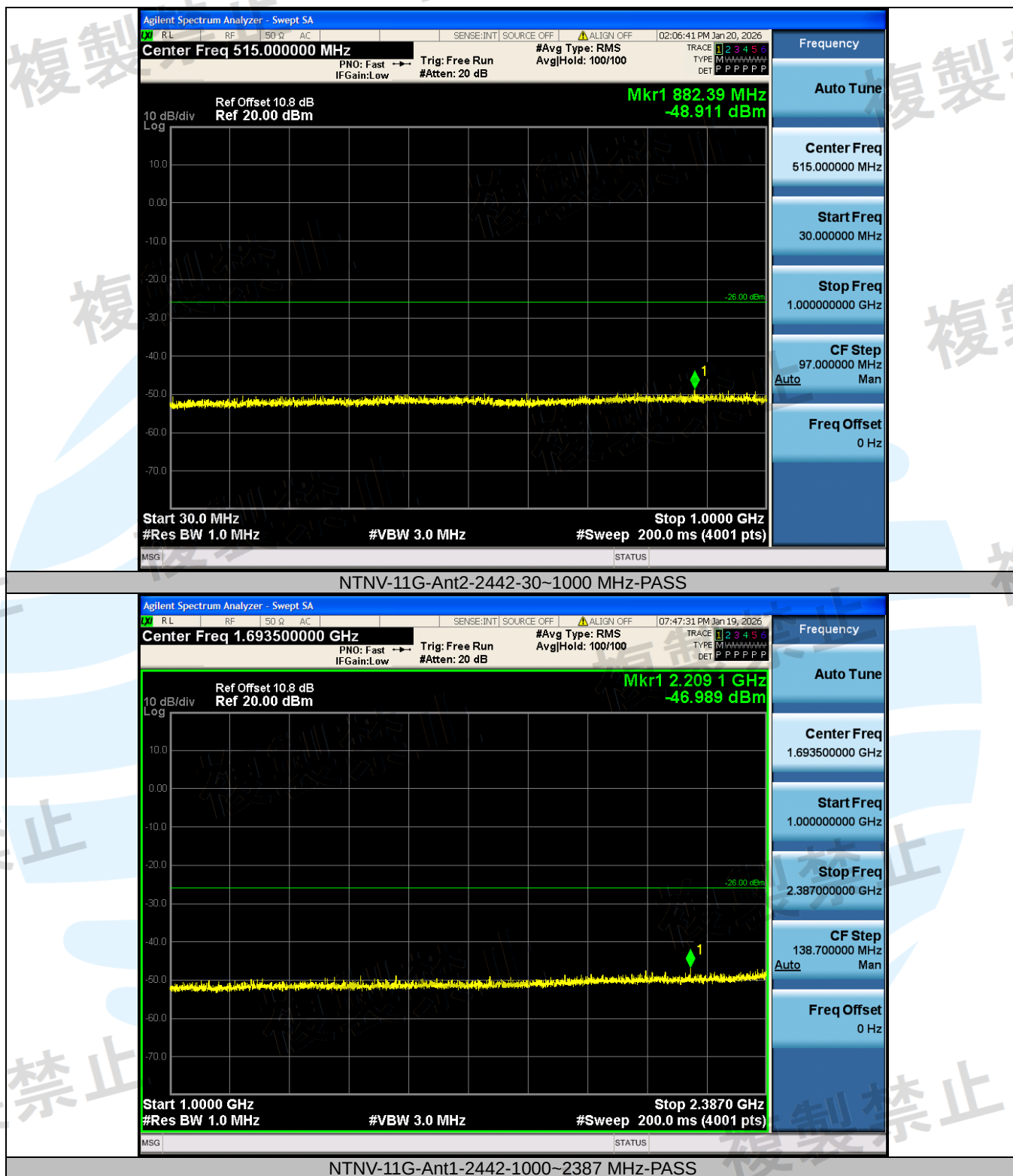


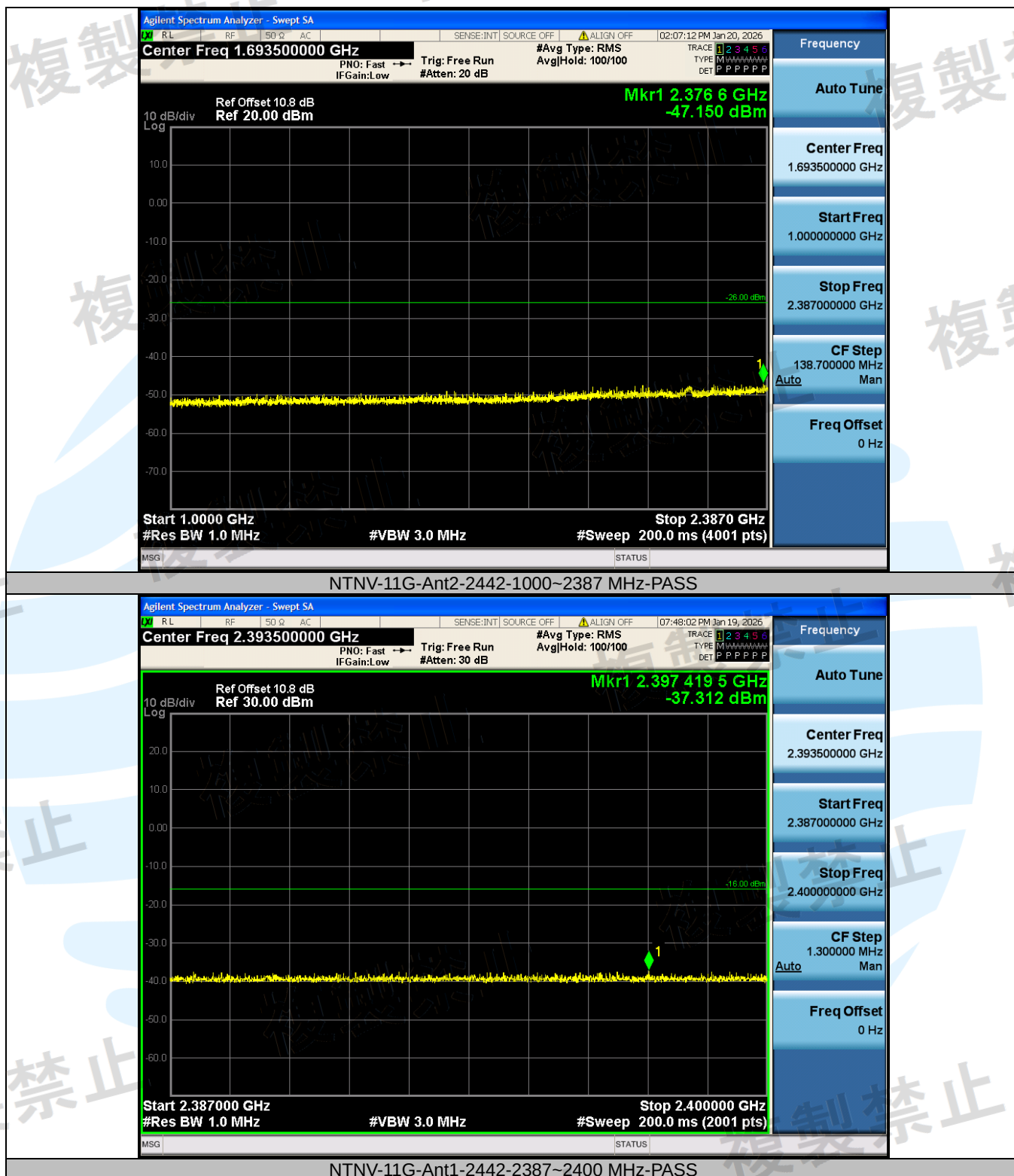


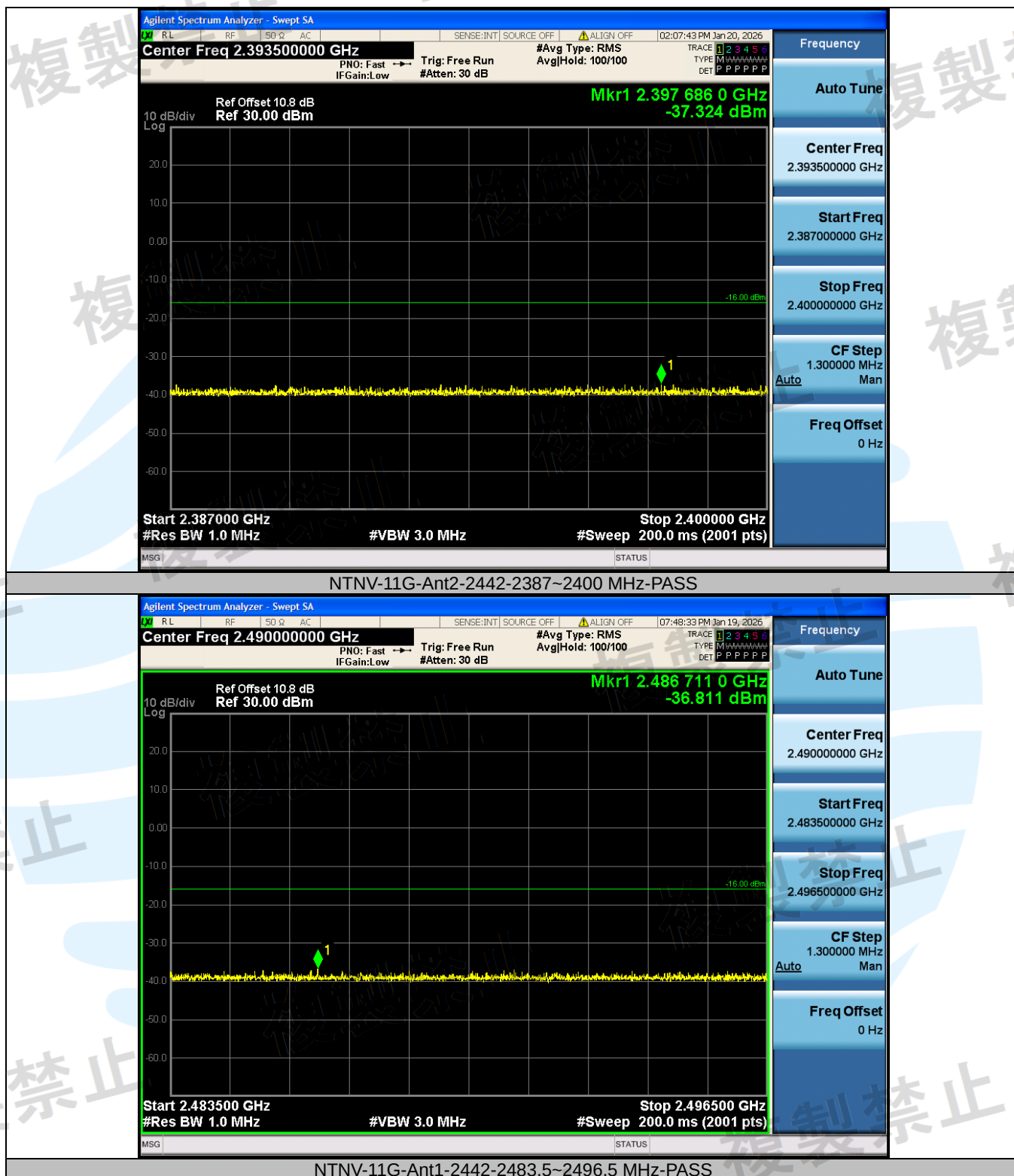


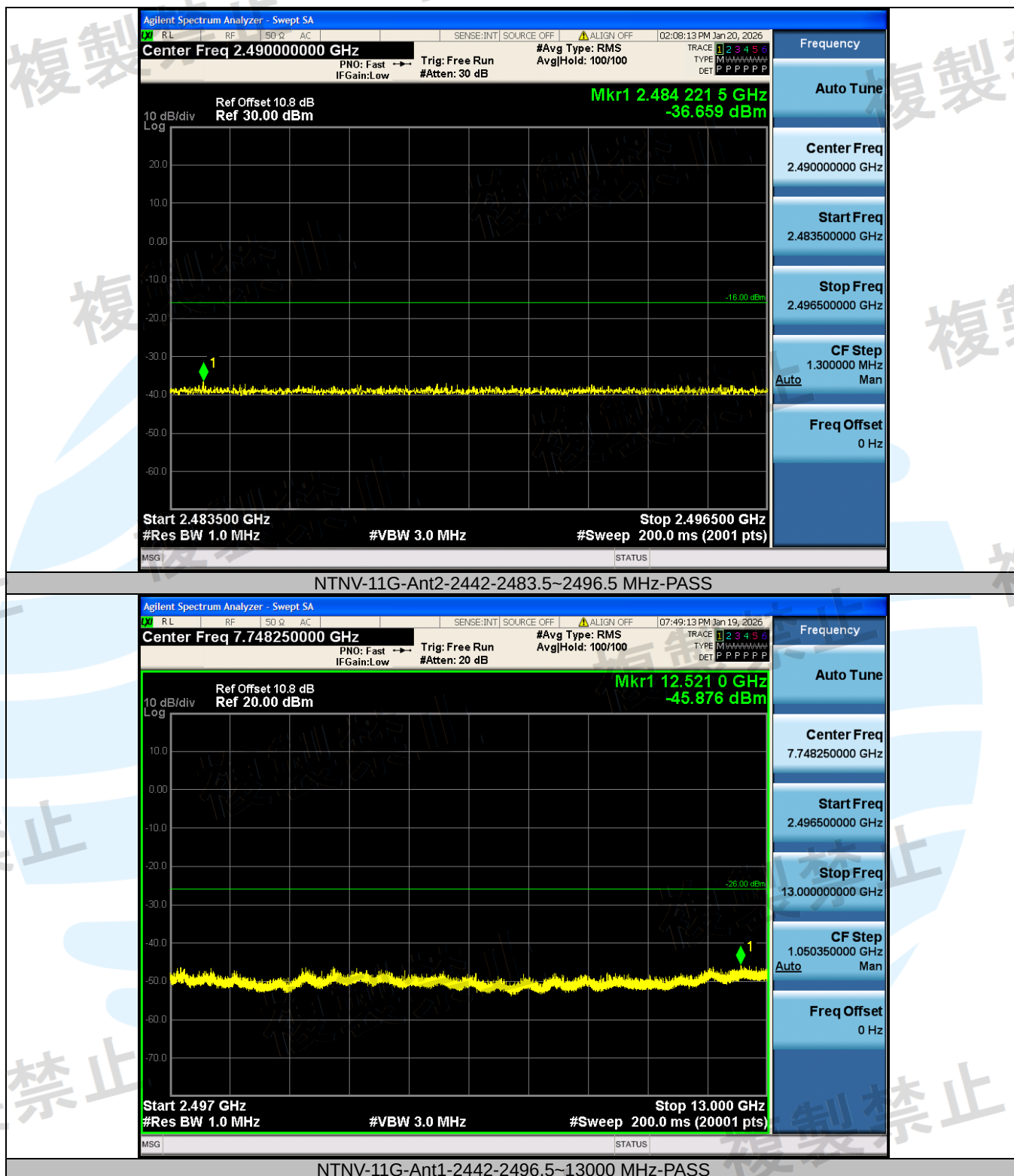










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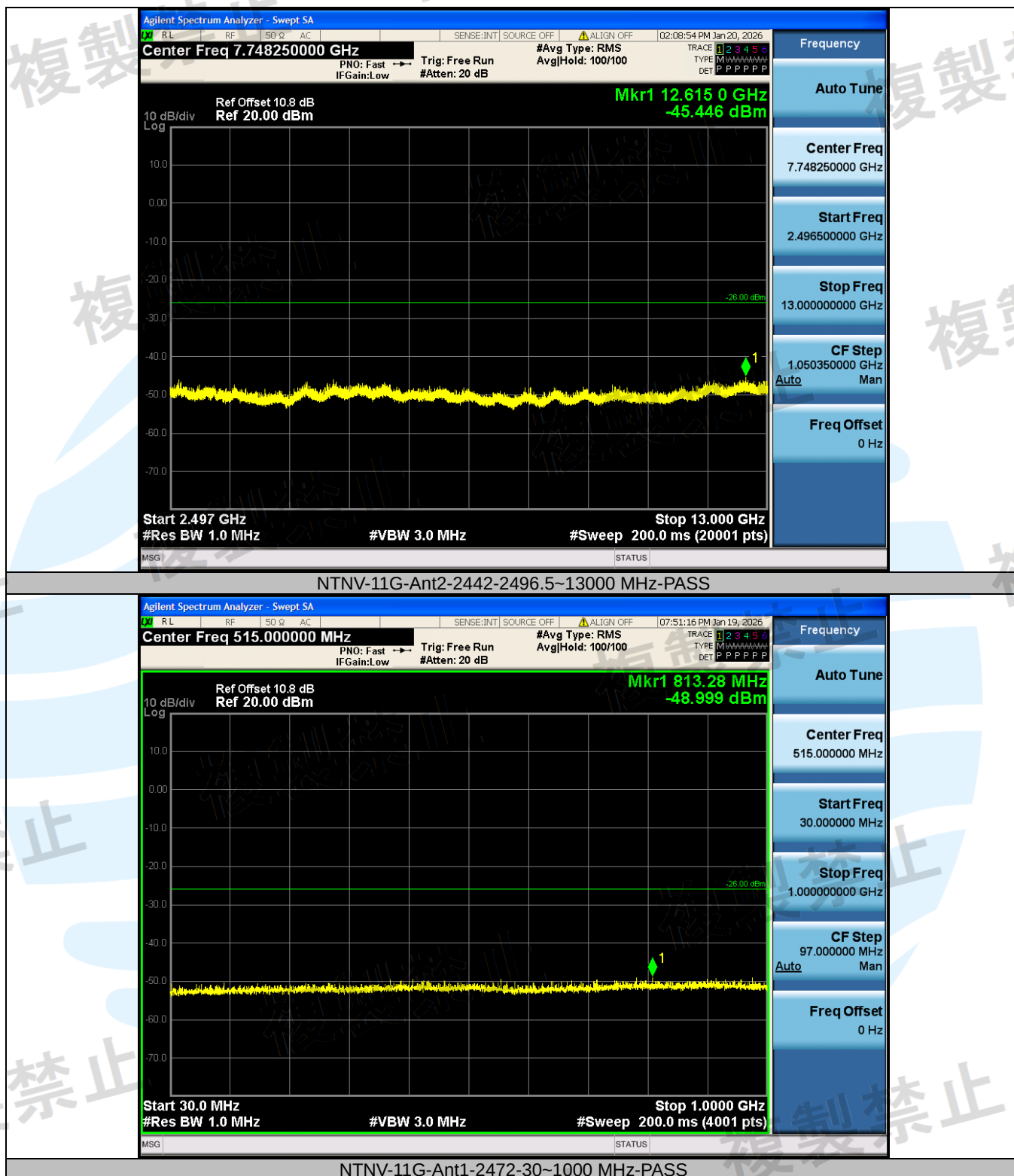
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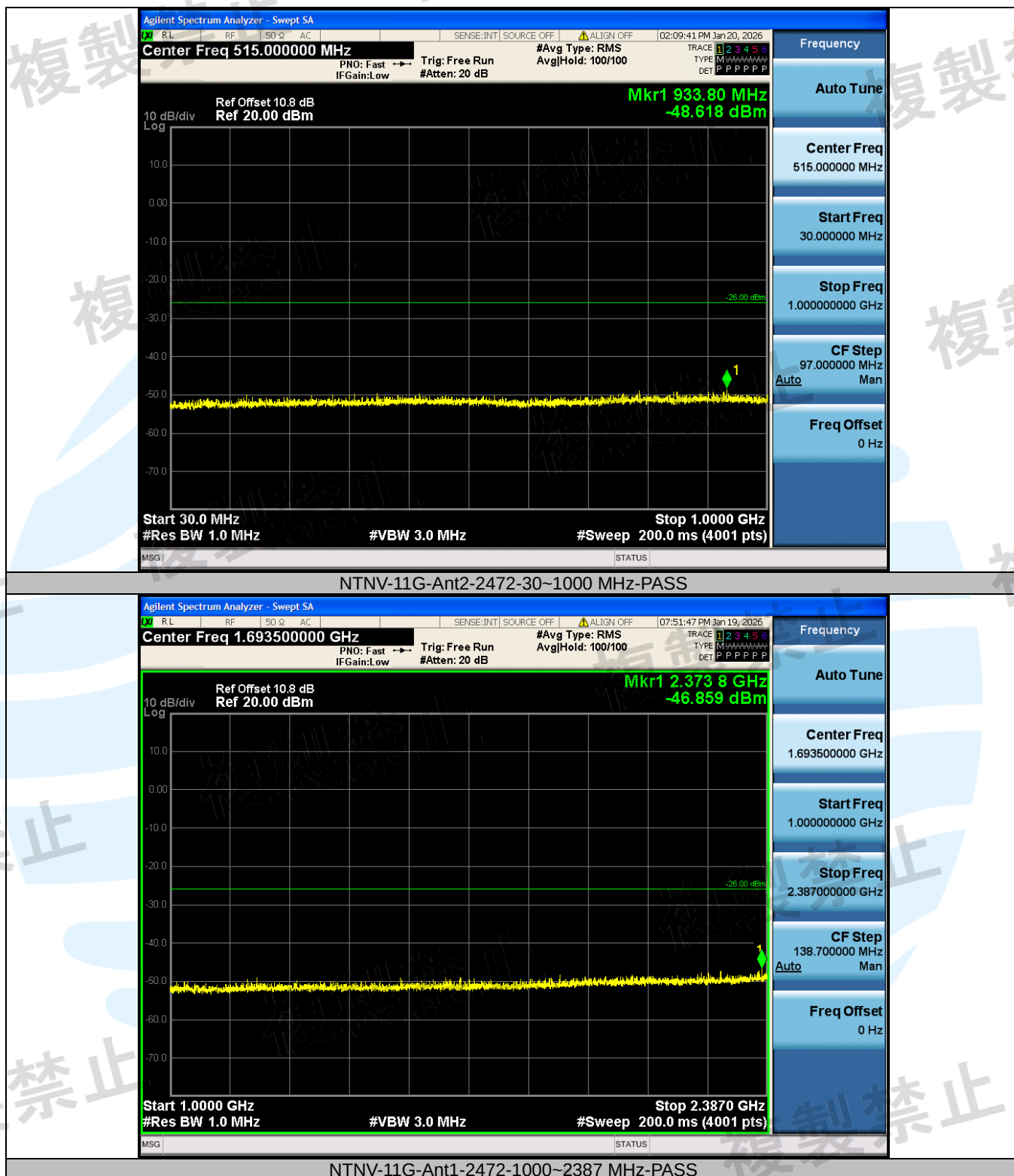
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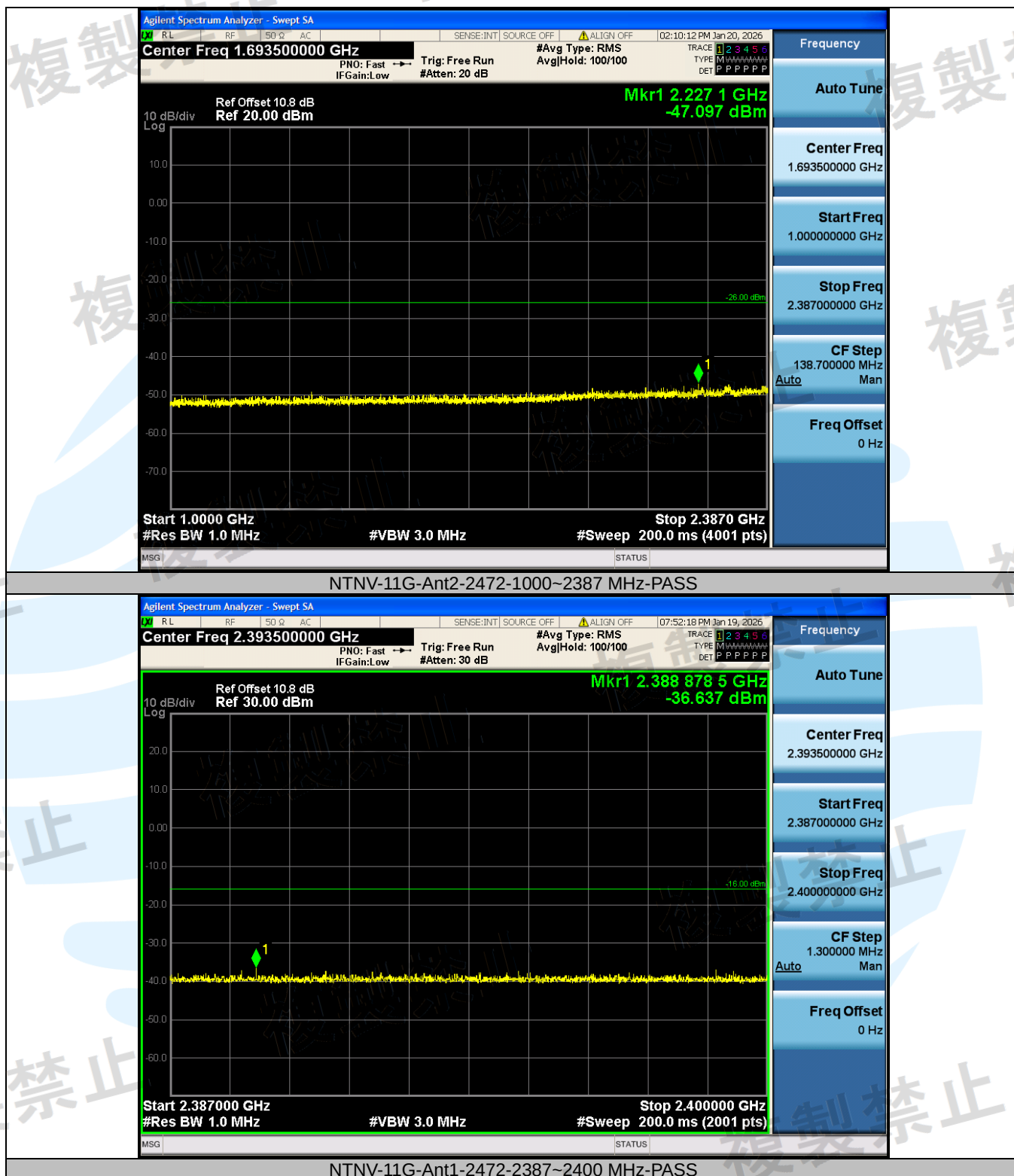
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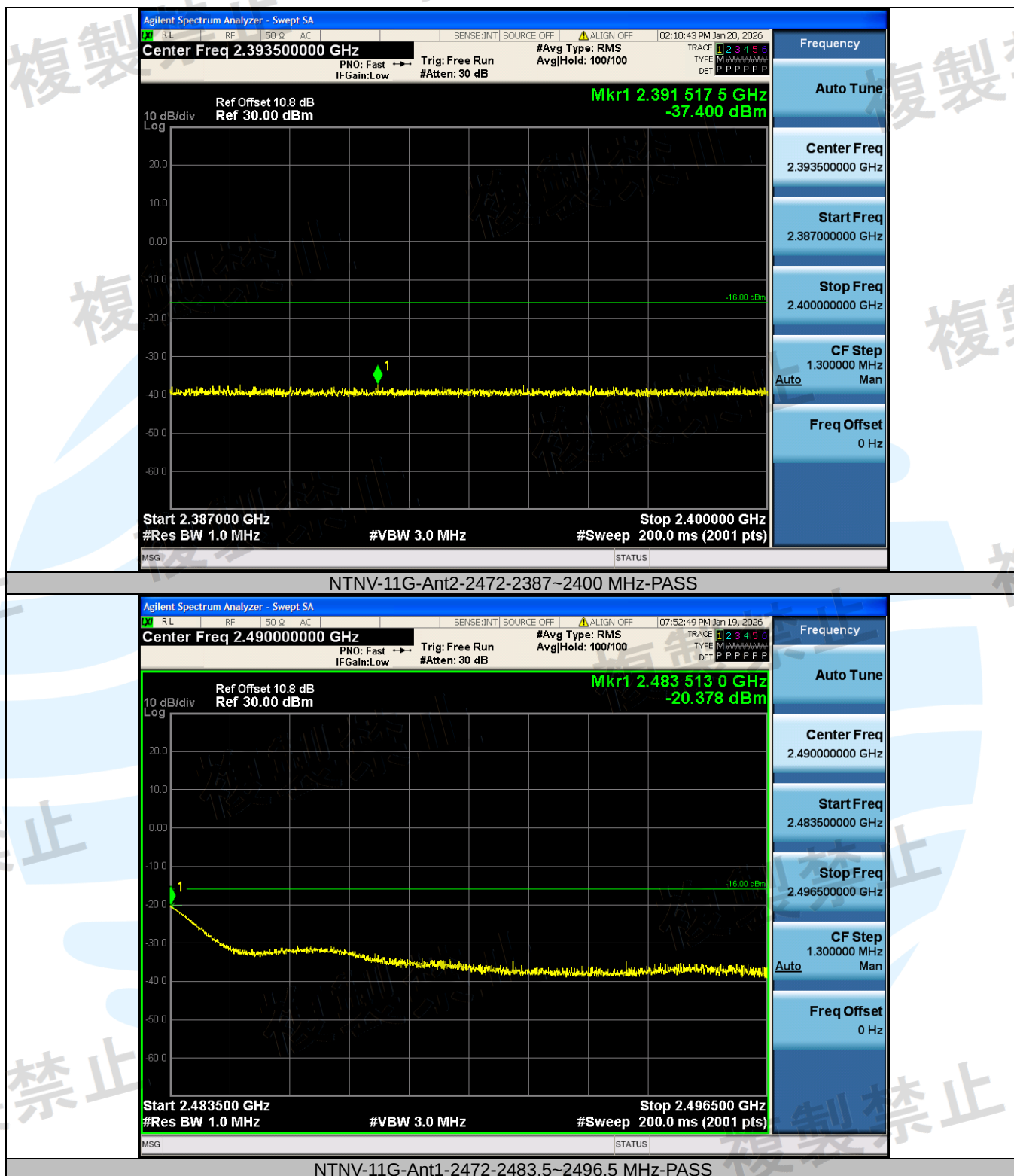
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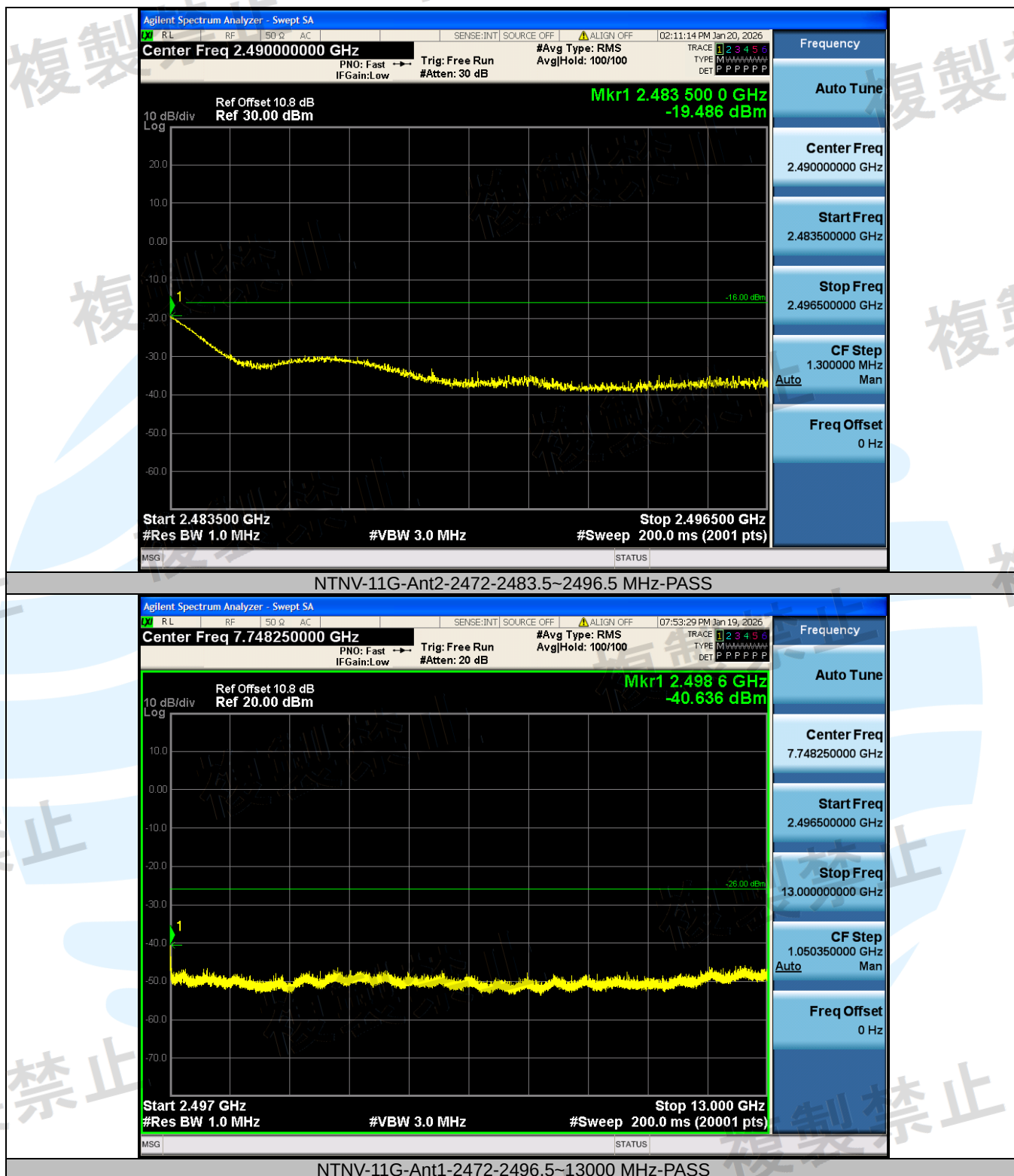
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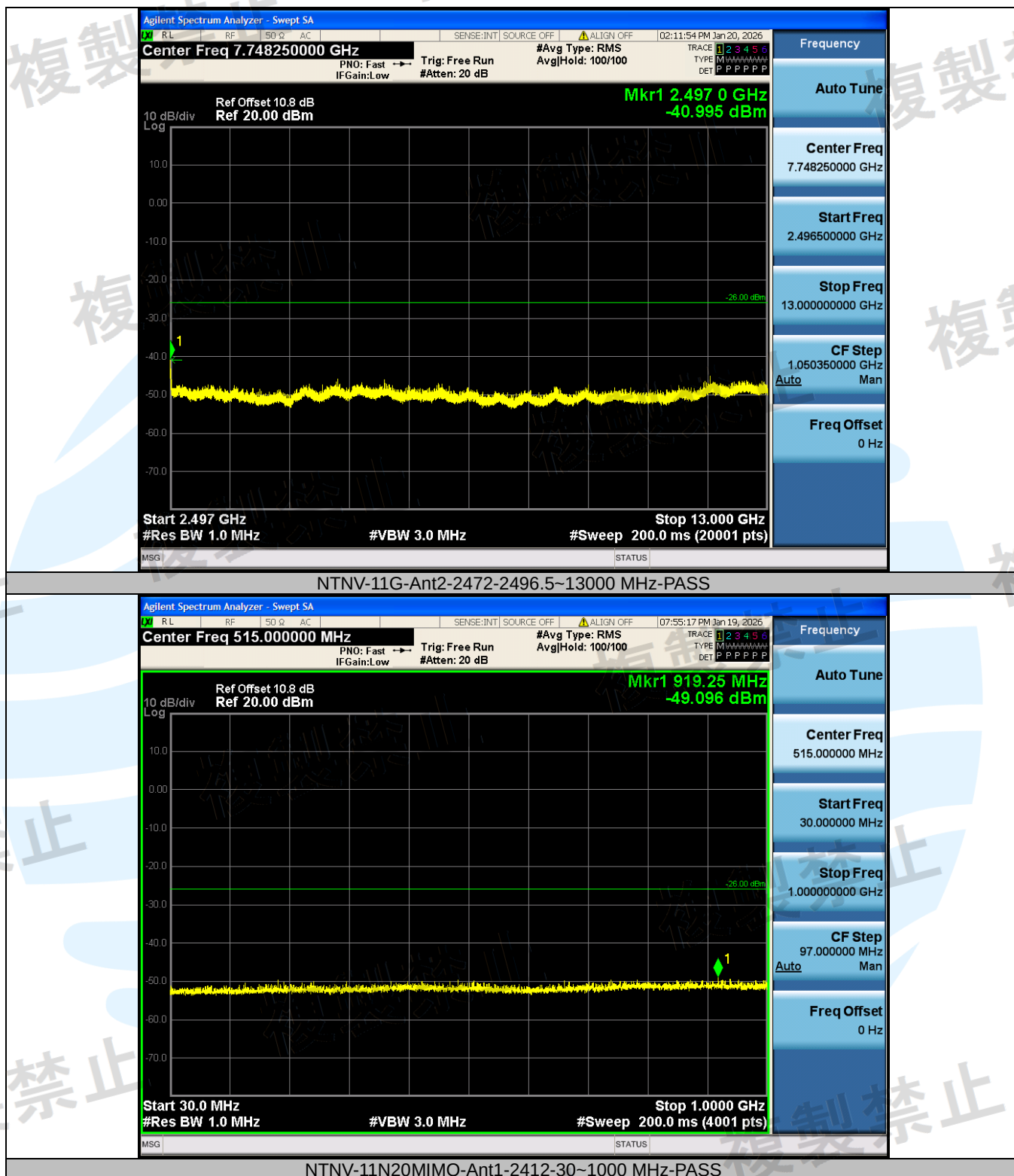


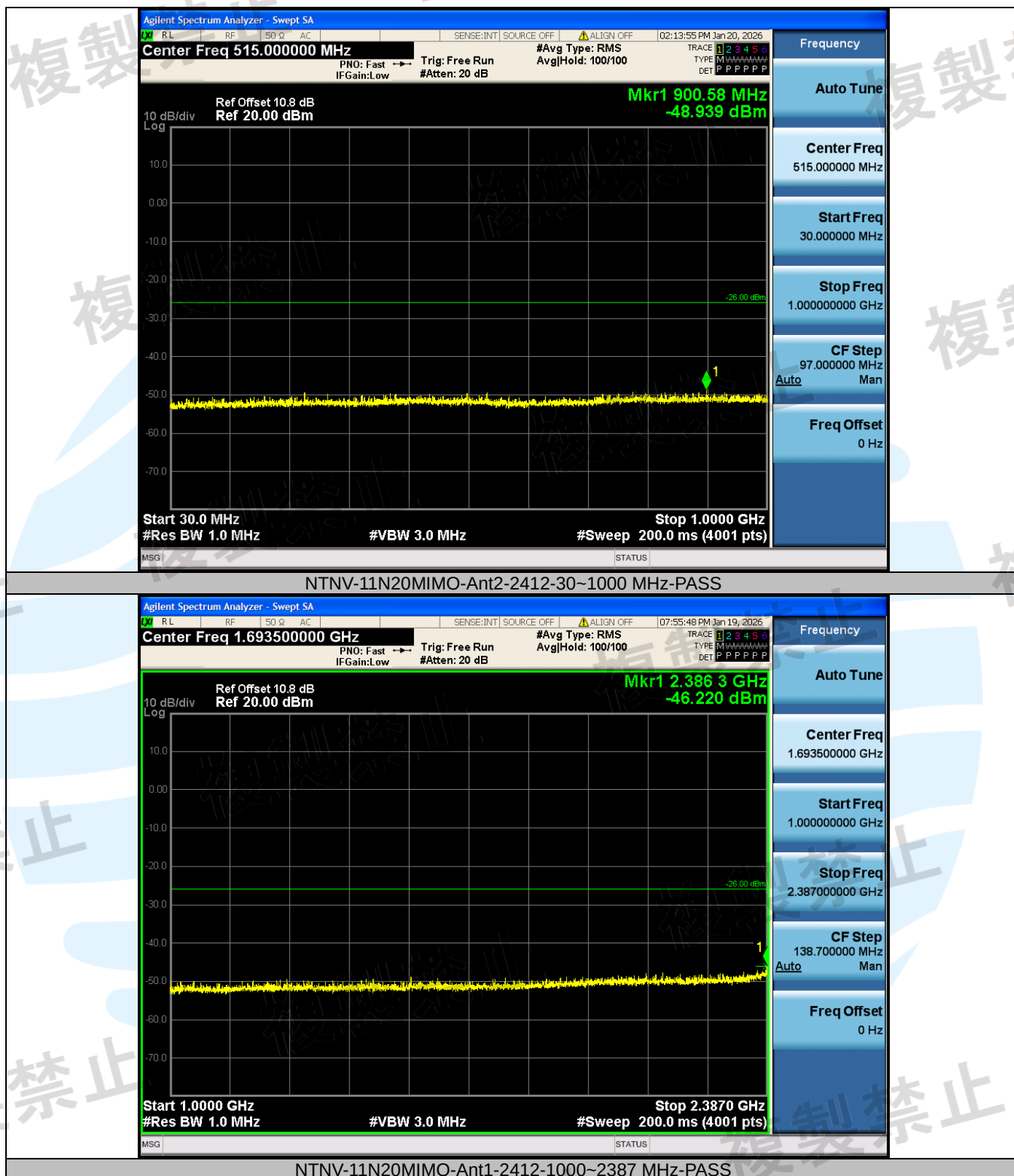


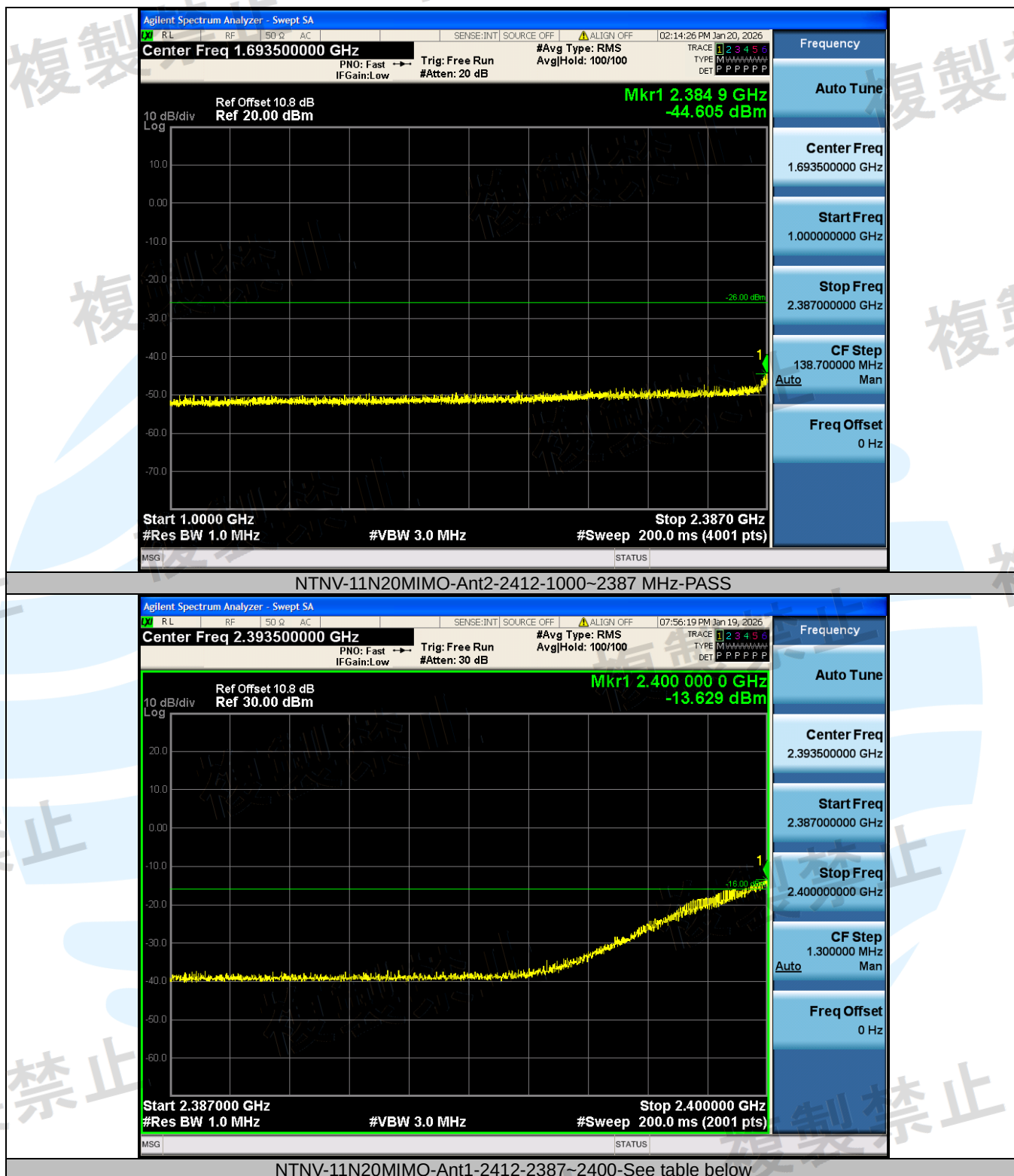










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