



Radio Test Report

Report No.:STS2604349W03

Issued for

Japan Nova Systems Co. LTD.

2-54-12, Ikebukuro, Toshimaku, Tokyo, Japan

Product Name: Tablet

Brand Name: GETAC

Model Name: ZX80

Series Model(s): ZX80W

Test Standard: Article 2 Paragraph 1 of Item 19
MIC Notice No.88 Appendix No.43

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT****Applicant's Name** : Japan Nova Systems Co. LTD.

Address..... : 2-54-12, Ikebukuro, Toshimaku, Tokyo, Japan

Manufacturer's Name..... : Getac Technology Corporation

Address..... : building A, No.209, Sec.1, Nangang Rd., Nangang Dist., Taipei City, Taiwan

Test specification:Standard..... : Article 2 Paragraph 1 of Item 19
MIC Notice No.88 Appendix No.43**Product Description**

Product Name..... : Tablet

Brand Name..... : GETAC

Model Name : ZX80

Series Model(s)..... : ZX80W

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with Article 2 Paragraph 1 of Item 19, MIC Notice No.88 Appendix No.43 requirements. And it is applicable only to the tested sample identified in the report.

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

Testing

Date of receipt of test item..... : 08 Apr. 2026

Date (s) of performance of tests : 08 Apr. 2026 ~ 30 Apr. 2026

Date of Issue : 30 Apr. 2026

Test Result..... : **Pass**Testing Engineer : *Aaron Bu*

(Aaron Bu)

Technical Manager : *Skylar Li*

(Skylar Li)

Authorized Signatory : *Bovey Yang*

(Bovey Yang)





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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	30 Apr. 2026	STS2604349W03	ALL	Initial Issue



1. SUMMARY OF TEST RESULTS

Article 2 Paragraph 1 of Item 19 of the certification Measurement Project		
Ordinance Regulating Radio Equipment	Description of Test	Judgement
Article 5	Frequency Error	PASS
Article 6	Occupied Bandwidth (99%)	PASS
Article 7	Unwanted Emission Intensity	PASS
Article 14&49-20	Power Error	PASS
Article 24.2	Limitation of Collateral Emission of Receiver	PASS
Article 49-20	Transmission Radiation power	PASS
Article 49-20	Transmission Radiation Angle Width (3dB Beamwidth)	N/A
Article 9-4.5	Radio Interference Prevention Capability	PASS
Article 49-20	Carrier Sense Capability(1)	N/A Note(3)
Article 49-20	Carrier Sense Capability(2)	PASS Note(4)
Article 49-20	Construction Protection Confirmation	PASS

NOTE:

(1) "N/A" denotes test is not applicable in this Test Report.

(2) Article 2 Paragraph 1 of Item 19, MIC Notice No.88 Appendix No.43

(3) Application to transmitting devices which EIRP is less than (2.14dB_i+ antenna power limit) and the shortage of EIRP is compensated by the antenna power. Not applicable to this product

(4) Application to transmitting devices which OFDM modulation occupied bandwidth greater than 26MHz.



1.1 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

No.	Item	Uncertainty
1	RF output power, conducted	$\pm 0.751\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.888\text{dB}$
3	Frequency tolerance	$\pm 0.03\text{ppm}$
4	Occupied Channel Bandwidth	$\pm 3.6\%$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Equipment	Tablet	
Brand Name	GETAC	
Model Name	ZX80	
Series Model(s)	ZX80W	
Model Difference	The circuits, structures and interiors of these types of PCB boards are the same. The different models are only due to different customers, agents and different colors	
Product Description	The EUT is a Tablet	
	Operation Frequency:	802.11b/g/n/ax 20: 2412~2472 MHz 802.11n/ax40:2422~2462MHz
	Modulation Type:	802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11ax(OFDM, OFDMA): BPSK,QPSK,16-QAM,64-QAM,256-QAM, 1024QAM
	Bit Rate of Transmitter:	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6Mbps 802.11n(20MHz): MCS7~MCS0:65/58.5/52/39/26/19.5/13/6.5Mbps 802.11n(40MHz): MCS7~MCS0:135/121.5/108/81/54/40.5/27/13.5Mbps 802.11ax(HE20): 135/65/58.5/52/39/26/19.5/13/6.5Mbps 802.11ax(HE40): 270/135/121.5/108/81/54/40.5/37/13.5Mbps
	Number Of Channel:	802.11b/g/n/ax20: 13CH 802.11n/ax 40: 11CH
	Antenna Designation:	Please refer to the Note 3.
	AntennaGain (dBi):	ANT1:0.38 ANT2:0.44
	Antenna Power:	802.11b: 4.111 mW/MHz 802.11g: 3.890 mW/MHz 802.11n20: 3.910 mW/MHz 802.11n40: 4.261 mW/MHz 802.11ax20: 4.036 mW/MHz 802.11ax40: 2.224 mW/MHz
	Declare power:	802.11b: 5 mW/MHz 802.11g: 5mW/MHz 802.11n20: 4mW/MHz 802.11n40: 3mW/MHz 802.11ax20: 5mW/MHz 802.11ax40: 3 mW/MHz
	Duty Cycle:	>98%
Based on the application, features, or specification exhibited in User Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User Manual.		



Channel List	Please refer to the Note 2.
Rating	Input: 20VDC, 3.25A
Adapter	Model: XDJG651R-PD Brand: XINDEJIA Input: 100-240V~ 50/60Hz 1.8A Output: 5.0VDC 3.0A 15.0W / 9.0VDC 3.0A 27.0W / 12.0VDC 3.0A 36.0W / 15.0VDC 3.0A 45.0W / 20.0VDC 3.25A 65.0W
Battery	Model: PAD9 V2 Rated Voltage: 7.6V Charge Limit Voltage: 8.7V Capacity: 9360mAh
Hardware version	V2.0
Software version	V2.1.01
Connecting I/O Port(s)	Please refer to the Note 1.

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. Operation Frequency of channel

802.11b/g/n/ax(20MHz)		Channel List for 802.11n/ax(40MHz)	
Channel	Frequency	Channel	Frequency
01	2412	03	2422
02	2417	04	2427
03	2422	05	2432
04	2427	06	2437
05	2432	07	2442
06	2437	08	2447
07	2442	09	2452
08	2447	10	2457
09	2452	11	2462
10	2457		
11	2462		
12	2467		
13	2472		

Note: regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

3.

Ant.	Antenna Brand	Antenna Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
1		LZ-WA10M	FPC	N/A	ANT1:0.38 ANT2:0.44	WIFI Antenna

Note: The antenna information refer the manufacturer provide report, applicable only to the test sample identified in the report.



2.2 DESCRIPTION OF THE TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11b CH01	1 Mbps
Mode 2	TX IEEE 802.11b CH13	1 Mbps
Mode 3	TX IEEE 802.11 g CH01	6 Mbps
Mode 4	TX IEEE 802.11g CH13	6 Mbps
Mode 5	TX IEEE 802.11n HT20 CH01	MCS 0
Mode 6	TX IEEE 802.11n HT20 CH13	MCS 0
Mode 7	TX IEEE 802.11n HT40 CH03	MCS 0
Mode 8	TX IEEE 802.11n HT40 CH11	MCS 0
Mode 9	TX IEEE 802.11ax HE20 CH01	NSS1 MCS0
Mode 10	TX IEEE 802.11ax HE20 CH13	NSS1 MCS0
Mode 11	TX IEEE 802.11ax HT40 CH03	NSS1 MCS0
Mode 12	TX IEEE 802.11ax HE40 CH11	NSS1 MCS0

2.3 TABLE FOR PARAMETERS OF THE TEST SOFTWARE SETTING

During testing,channel &power controlling software provided by the customer was used to control the operating channel as well as the output power level.the RF output power selection is for the setting of RF output power expected by the customer and going to be fixed on the firmware of the final end product.

RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	ANT_1 Power Class	ANT_2 Power Class	Software For Testing
WIFI(2.4G)	2.4G WIFI	802.11b	ANT1:0.38 ANT2:0.44	10	10	Engineering mode
		802.11g		11	11	
		802.11n(HT20)		12	12	
		802.11n(HT40)		11	11	
		802.11ax(HE20)		11	11	
		802.11ax(HE40)		11	11	



2.4 TEST CONDITIONS

The 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.

During the measurement the environmental conditions were within the listed ranges:

During the measurement the environmental conditions were within the listed ranges:

- Temperature: 25°C
- Humidity: 53 %
- Atmospheric pressure: 96 kp

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(V)	3.86	4.246	3.474
RF Chip Input DC Power(V)	3.322	3.328	3.314
Voltage Variation (%)	/	0.18	-0.24

Note:

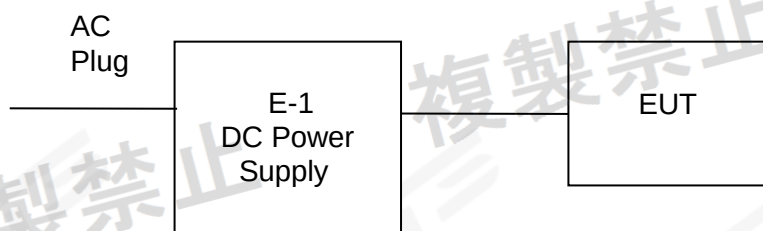
1. Voltage Variation (%)

= (RF chip Input high or Low Voltage - RF chip Input Normal Voltage)/ RF chip Input Normal Voltage* 100

2. RF chip Input DC power fluctuation is verified at the power input PIN of the RF chip.

When the input supply voltage to the EUT from the external power source is varied by +/- 10%, the output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%, and the DC power fluctuation at the power input PIN of the RF chip is equal to or less than +/-1%.Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED





2.6 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Note
E-1	DC Power Supply	HONGSHENG FENG	DPS-305AF	N/A

Item	Equipment	Mfr/Brand	Length	Note
N/A	N/A	N/A	N/A	N/A

Note:1. For detachable type I/O cable should be specified the length in cm in 『Length』 column.

2.7 EQUIPMENTS LIST FOR ALL TEST ITEMS

RF Connected Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Signal Generator	Keysight	N5182B	MY57301448	2025.09.26	2026.09.25
Signal Analyzer	Agilent	N9020A	MY51510623	2026.02.04	2027.02.03
Temperature & Humidity	SW-108	SuWei	N/A	2026.02.04	2027.02.03
Digital Oscilloscope	Tektronix	TDS1012B	C062149	2025.09.22	2026.09.21
Power Sensor	Keysight	U2021XA	MY55520005	2025.09.25	2026.09.24
Power Divider	eastsheep	PD-0.5/0.6-2 S	B519	2026.02.24	2027.02.23
Attenuator	Agilent	8494B	DC-18G	2026.02.24	2027.02.23
DC power supply	HONGSHEN GFENG	DPS-305AF	17064939	2025.09.22	2026.09.21
Switch control box	MW	MW100-RFC B	N/A	N/A	N/A
Test SW	MW	MTS 8310 2.0.0.0			

Test Equipment Calibration

All of the test equipment is effective use and calibration certification institution, GRGT, the address is No.8 Chuangyun Rd, Panyu District, Guangzhou, Guangdong, China

Note: The calibration agency listed on the table corresponds to item ii c) of Article 24-2 paragraph 4.



Our products apply for Japanese radio frequency (rf) certification. We use the following methods to prevent unauthorized access and modification of RF and modulation parts. This wireless module uses a shielding cover to prevent users from disassembling and modifying it. For more information, see the following photo.





4. FREQUENCY ERROR

4.1 LIMIT

Item	Limits
Frequency Error	$\pm 50\text{ppm}$

4.2 TEST PROCEDURES

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	10KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- (1) In the case of unmodulated signal (continuous or continuous burst), measure the frequency directly by a spectrum analyzer.
- (2) In the case of burst waves, the measurement shall be done for enough time in order to obtain the enough measuring accuracy, and the average of the measured values becomes the final value.
- (3) In the case of a test mode with a specific frequency spectrum, measure the frequency of the specific spectrum by a spectrum analyzer.
- (4) In the cases above, if the frequency equivalent to the test frequency is not directly measured in principle, it shall be obtained by necessary calculation.

In the case of modulated signal, if there is no specific spectrum measurable by a spectrum analyzer but a specific dip is observed, it is allowed to measure the frequency with the signal generator (synthesized). That is, observe a signal of the signal generator concurrently (or alternately) with the tested signal using the spectrum analyzer while setting the frequency of the signal generator to the position of the dip on the screen of the spectrum analyzer, and determine the frequency of the signal generator at the time as a measured value.

4.3 TEST SETUP



4.4 TEST RESULT

Note: The test data please refer to APPENDIX 1.



5. ANTENNA POWER

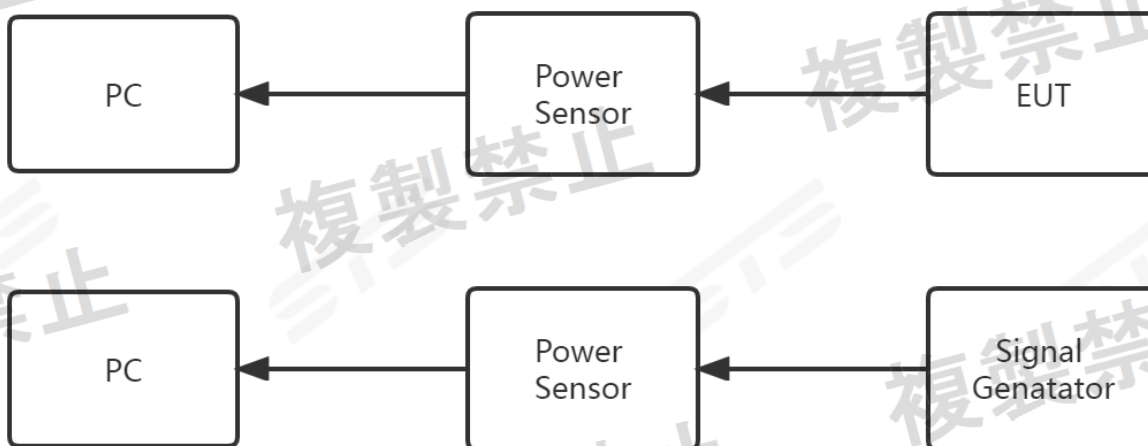
5.1 LIMIT

Item	Limits
Antenna Power Density	$\leq 3\text{mW/MHz}$ (FH from 2400 – 2483.5 MHz) $\leq 10\text{mW/MHz}$ (OFDM,DS from 2400~2483.5MHz, 802.11b/g/n HT20) $\leq 5\text{mW/MHz}$ (OFDM,DS from 2400~2483.5MHz, 802.11n HT40) $\leq 10\text{mW}$ (Other from 2400~2483.5MHz)
Power Error	+20%, No lower limit (Base on manufacturer declare power)

5.2 TEST PROCEDURE

1. EUT turn to test frequency channel and keep continuous transmitting.
2. Reading the output power from the Power sensor as PEUT.
3. Turn the Signal generator to frequency channel the same as the EUT.
4. Turn the level of Signal generator, scan with the power meter until the power equal to PEUT, the level of Signal generator recorded as “P”.
5. The antenna power of EUT is “P”.
6. EIRP power=“P”+antenna gain.
Antenna Power mW/MHz= Antenna Power (mW)/Spreading Bandwidth.

5.3 TEST SETUP



5.4 TEST DEVIATION

There is no deviation with the original standard.



5.5 TEST RESULT

Note: The test data please refer to APPENDIX 1.



6. RADIATION POWER

6.1 LIMIT

Item	Limits
Radiation power EIRP	FH from 2427 - 2470.75 MHz ,EIRP $\leq$ 6.91dBm/MHz CCK/OFDM/DBPSK (2400~2483.5MHz) OFDM or DS other than (802.11b/g/n HT20) EIRP $\leq$ 12.14 dBm/MHz OFDM or DS other than (802.11n HT40) EIRP $\leq$ 9.13dBm/MHz Other from 2400~2483.5MHz: 12.14 dBm or less

6.2 TEST RESULT

Note: The test data please refer to APPENDIX 1.



7. OCCUPIED BANDWIDTH (99%)

7.1 LIMIT

Item	Limits
Occupied Band Width:	$\leq 83.5\text{MHz}$ (FH;FH+DS;FH+OFDM) $\leq 26\text{MHz}$ (Others) 26MHz-40MHz

7.2 TEST PROCEDURE

- Setting of SA is following as: RB: 300KHz / VB: 300KHz / SPAN: 3MHz / AT: 30dB Ref: 10dBm / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold.
- EUT have transmitted the maximum modulation signal and fixed channelize (For DSSS or OFDM Device) or continuous maximum power of hopping mode (For FHSS Device).
SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than 26MHz (For DSSS or OFDM Device), 83.5MHz (For FHSS Device) or 26MHz-40MHz (For OFDM/OFDMA (HT40/HE40)).

7.3 TEST SETUP



7.4 TEST DEVIATION

There is no deviation with the original standard.

7.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Note: The test data please refer to APPENDIX 1.



8. UNWANTED EMISSION INTENSITY MEASUREMENT

8.1 LIMIT

Item	Limits
TX Spurious Emission	$\leq 2.5 \mu\text{W}/\text{MHz}$ ($30\text{MHz} \leq f \leq 1000\text{MHz}$)
	$\leq 2.5 \mu\text{W}/\text{MHz}$ ($1000\text{MHz} < f \leq 2387\text{MHz}$)
	$\leq 25 \mu\text{W}/\text{MHz}$ ($2387\text{MHz} < f \leq 2496.5\text{MHz}$)
	$\leq 25 \mu\text{W}/\text{MHz}$ ($2496.5\text{MHz} \leq f < 12500\text{MHz}$)
	$\leq 25 \mu\text{W}/\text{MHz}$ ($2483.5\text{MHz} \leq f < 2496.5\text{MHz}$)

8.2 TEST PROCEDURE

Spectrum Parameter	Setting
Attenuation	Auto
RB / VB	1 MHz/1 MHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Setting of SA is following as: RB: 1MHz / VB: 1MHz / AT: 10dB Ref: 0dBm / Sweep time: Auto/ Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
3. Setting of SA is following as 30MHz and stop frequency 1000MHz. Then to mark peak reading value + cable loss shall be less than 2.5 $\mu\text{W}/\text{MHz}$.
4. Setting of SA is following as 1000MHz and stop frequency 2387MHz. Then to mark peak reading value + cable loss shall be less than 2.5 $\mu\text{W}/\text{MHz}$.
5. SA adjusted to start frequency 2387MHz and stop frequency 2400MHz. Then to mark peak reading value + cable loss shall be less than 25 $\mu\text{W}/\text{MHz}$.
6. SA adjusted to start frequency 2483.5MHz and stop frequency 2496.5MHz. Then to mark peak reading value + cable loss shall be less than 25 $\mu\text{W}/\text{MHz}$.
7. SA adjusted to start frequency 2496.5MHz and stop frequency 12750MHz. Then to mark peak reading value + cable loss shall be less than 2.5 $\mu\text{W}/\text{MHz}$.
8. If the Result_Value is over the requirement, take total sum of 1MHz band centered at the spur frequency like ACLP measurement as Result_Value.



8.3 TEST SETUP



8.4 TEST DEVIATION

There is no deviation with the original standard.

8.5 TEST RESULT

- Note: 1. SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA's default format. The test data please refer to APPENDIX 1.
2. Note: For unwanted emission strength measurements of 802.11n, 802.11ax MIMO, 3dB is added to SISO measurements, and the results are passed.



9. IMITATION OF COLLATERAL EMISSION OF RECEIVER MEASUREMENT

9.1 LIMIT

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

9.2 TEST PROCEDURES

Spectrum Parameter	Setting
Attenuation	Auto
RB	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
VB	100 kHz (below 1GHz emissions) 1 MHz (above 1GHz emissions)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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

9.3 TEST RESULT

Note: The test data please refer to APPENDIX 1.



10. TRANSMISSION RADIATION ANGLE WIDTH (3DB BEAMWIDTH) MEASUREMENT

10.1 LIMIT

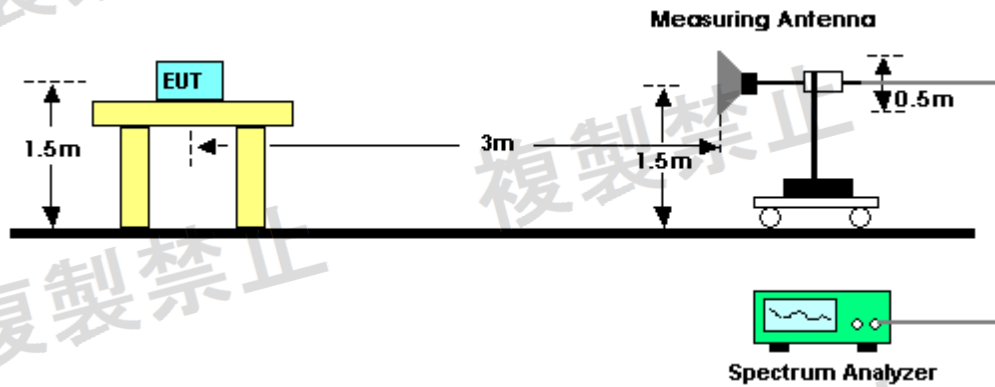
Item	Limits
3dB antenna beam width	$e \leq 360/A$ (The A is 10 in maximum) $A = \{EIRP \text{ Power [mW/MHz]} / \{2.14\text{dBi} + \text{output power (10mW /MHz, 3mW/MHz)}\}\}$ Shall be 1 when A is lower than 1
Note: This test item is not applied for radio equipment with equivalent isotropic radiation power lower than 12.14dBm/MHz, but Antenna Power(Conducted) limit is 10 mW/MHz (10 dBm/MHz), So the test item will not be applied to the transmission antenna which has a gain of 2.14dBi or less	

10.2 TEST PROCEDURES

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	0 MHz
RB	1 MHz
VB	1 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

1. Set EUT and measuring antenna at the same height and roughly facing each other.
2. Set spectrum analyzer with condition in section 11.2 and tune reference level to observe receiving signal position.
3. Rotate directions of the EUT horizontally and vertically to find the maximum receiving power.
4. Move the measuring antenna height up and down within $\pm 50\text{cm}$ of EUT height and swing it to find the maximum output of measuring antenna. "E" is the half-power beam width (angle between two points at which radiated power becomes 1/2)
5. Calculate permitted radiation angle in horizontal and vertical using EIRP measured in another test method.
6. Calculate 3dB antenna beam width by the formula below $360/A$ (If $A < 1$; then $A = 1$).
 $A = \{EIRP \text{ Power [mW/MHz]} / \{2.14\text{dBi} + \text{output power (10mW /MHz, 3mW/MHz)}\}\}$
Shall be 1 when A is lower than 1

10.3 TEST SETUP



10.4 TEST DEVIATION

There is no deviation with the original standard.

10.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

10.6 TEST RESULT

Note: The Max EIRP is less than 12.14dBm/MHz, not applicable.

11. RADIO INTERFERENCE PREVENTION CAPABILITY MEASUREMENT

11.1 LIMIT

Item	Limits
Identification code	≥ 48 bits

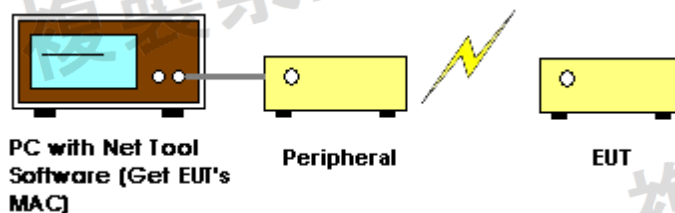
11.2 MEASURING ID CODE SOFTWARE

Item	Limits
MAC IP List	MAC Scan

11.3 TEST PROCEDURES

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

11.4 TEST SETUP



11.5 TEST DEVIATION

There is no deviation with the original standard.

11.6 EUT OPERATION DURING TEST

The EUT was programmed to be in normal transmitting mode.



11.7 TEST RESULT OF RADIO INTERFERENCE PREVENTION CAPABILITY

Note: The MAC Address is 9e:60:c1:4d:d8:18

12. CARRIER SENSE CAPABILITY

12.1 INTERFERENCE PREVENTION FUNCTION

12.2 TEST REQUIREMENT

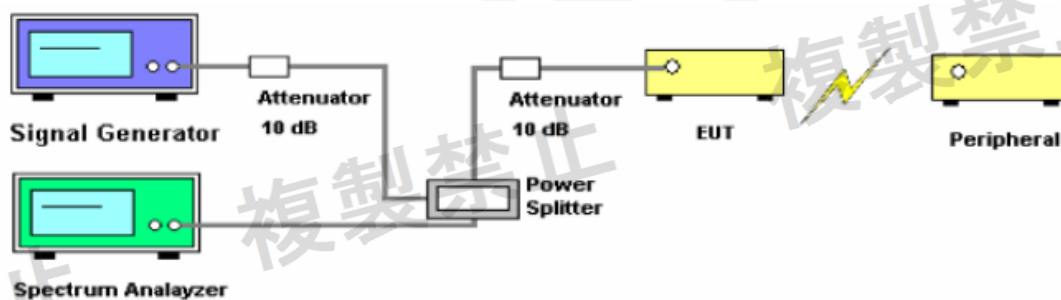
MIC Notice No.88 Appendix No.43

Article 2, Paragraph 1, Item 19 Rules Section 10

12.3 TEST PROCEDURE

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is $(on\ 22.79 + G - 20 \cdot \log(f) \text{ dBm})$ (G is the antenna gain, f is the test Frequency).
2. Turn off the RF signal of the SG.
3. EUT have transmitted the maximum modulation signal and fixed channelize.
4. Setting of SA :RBW/VBW=1MHz/1MHz, Span=50MHz, Sweep time=auto, Sweep mode=continuous, Detect mode=positive peak
5. SG RF signal on.

❖ Measurement System Diagram



❖ Conditions of Application Equipment (EUT)

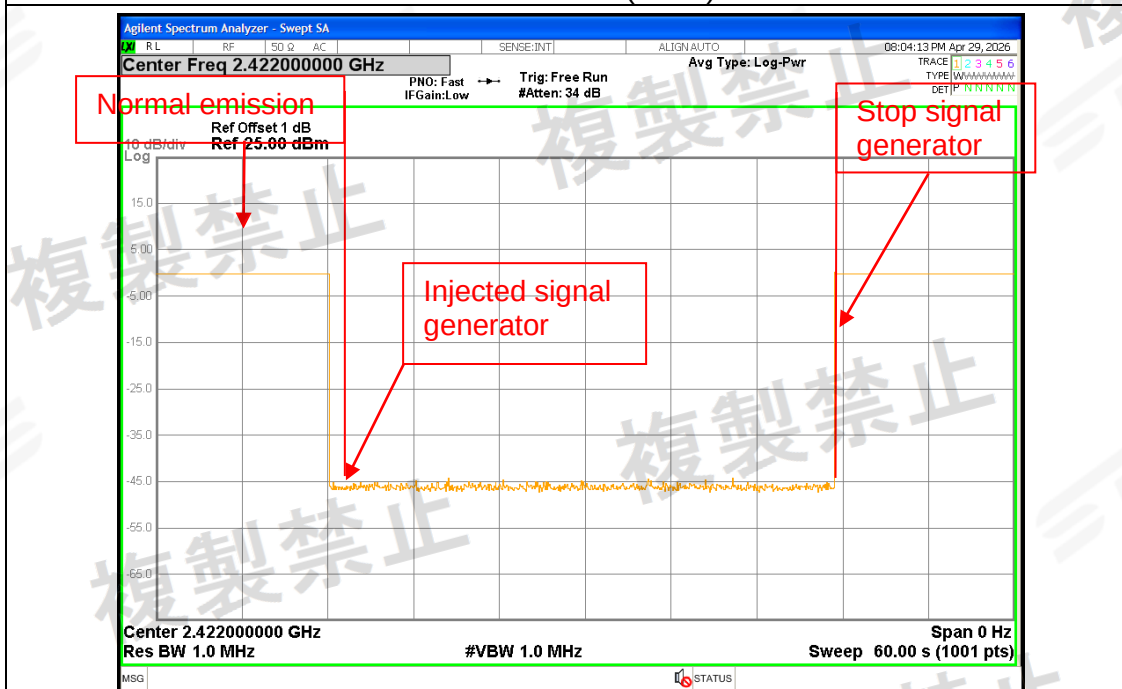
- The EUT state shall be “normal mode link with wireless router”.



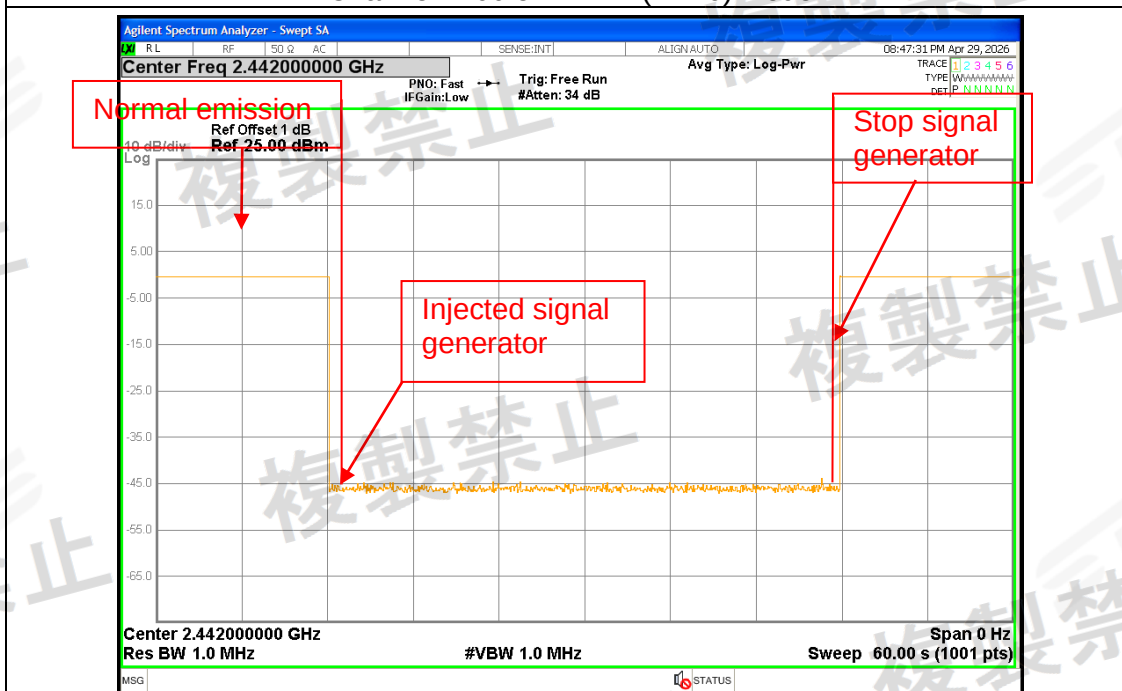
12.4 TEST RESULT

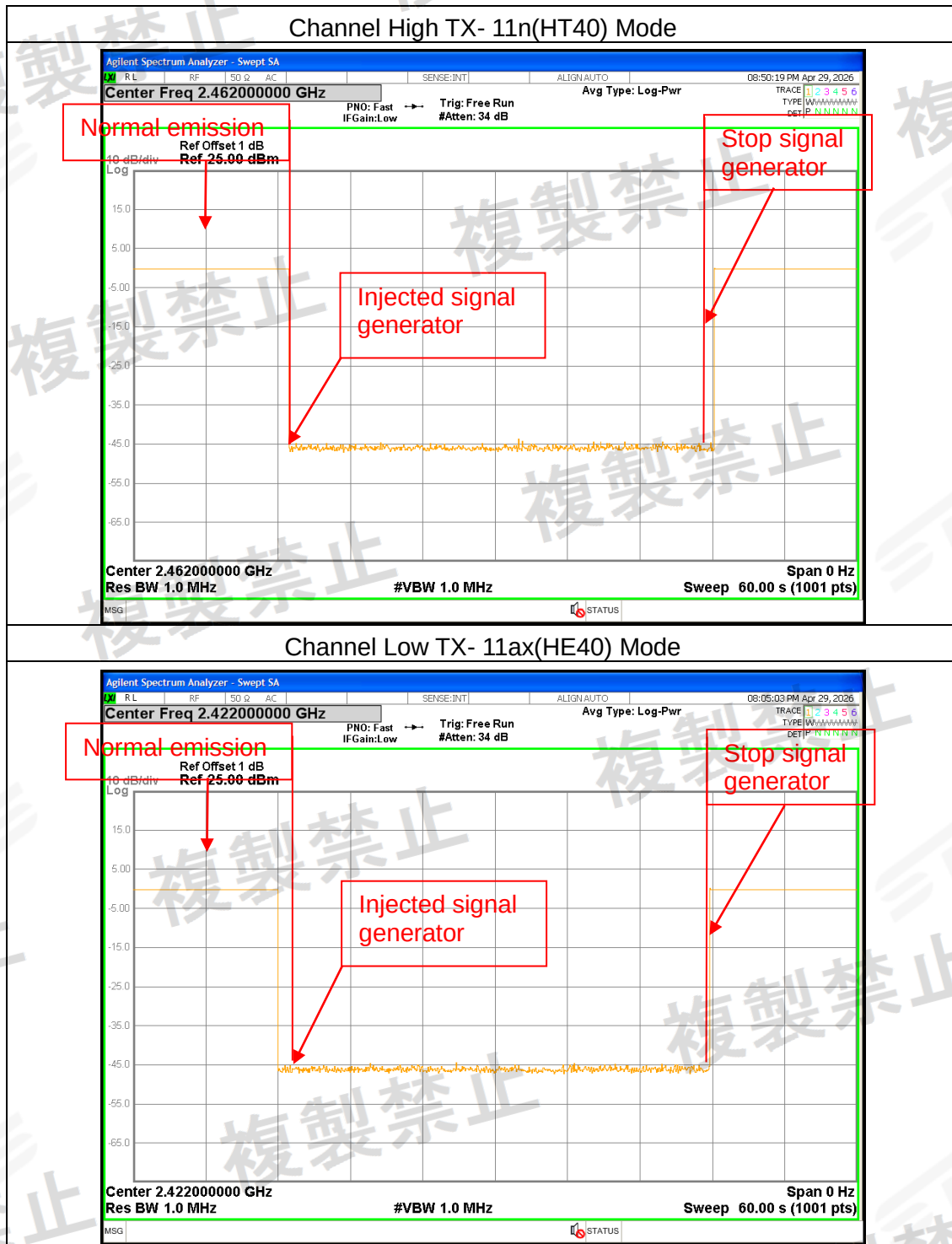
ANT1

Channel Low TX- 11n(HT40) Mode



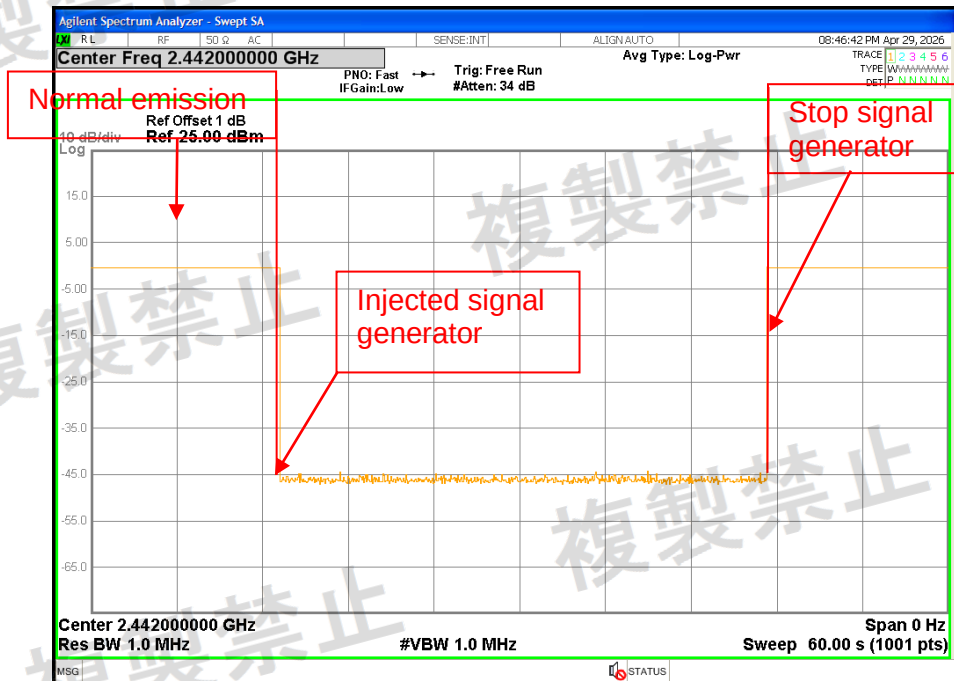
Channel Middle TX- 11n(HT40) Mode



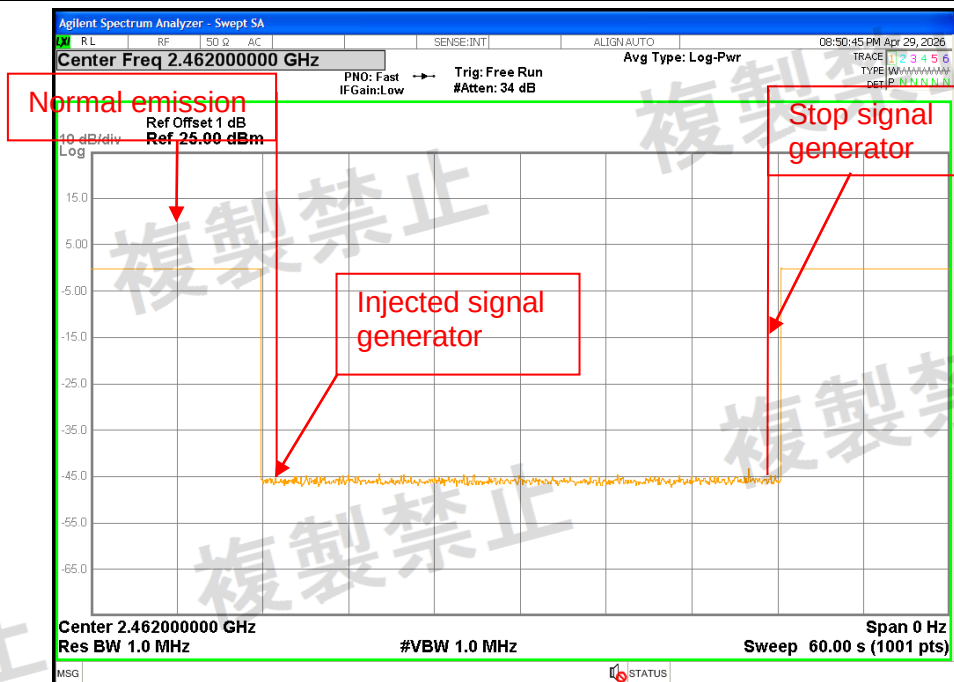




Channel Middle TX- 11ax(HE40) Mode



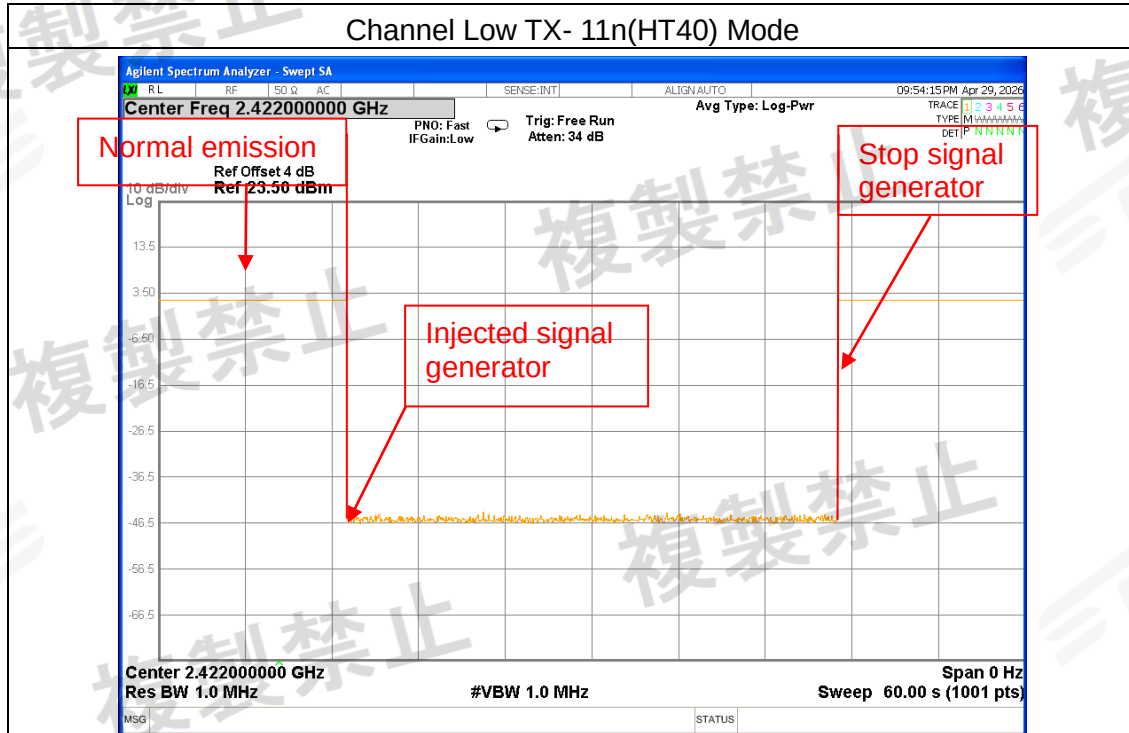
Channel High TX- 11ax(HE40) Mode



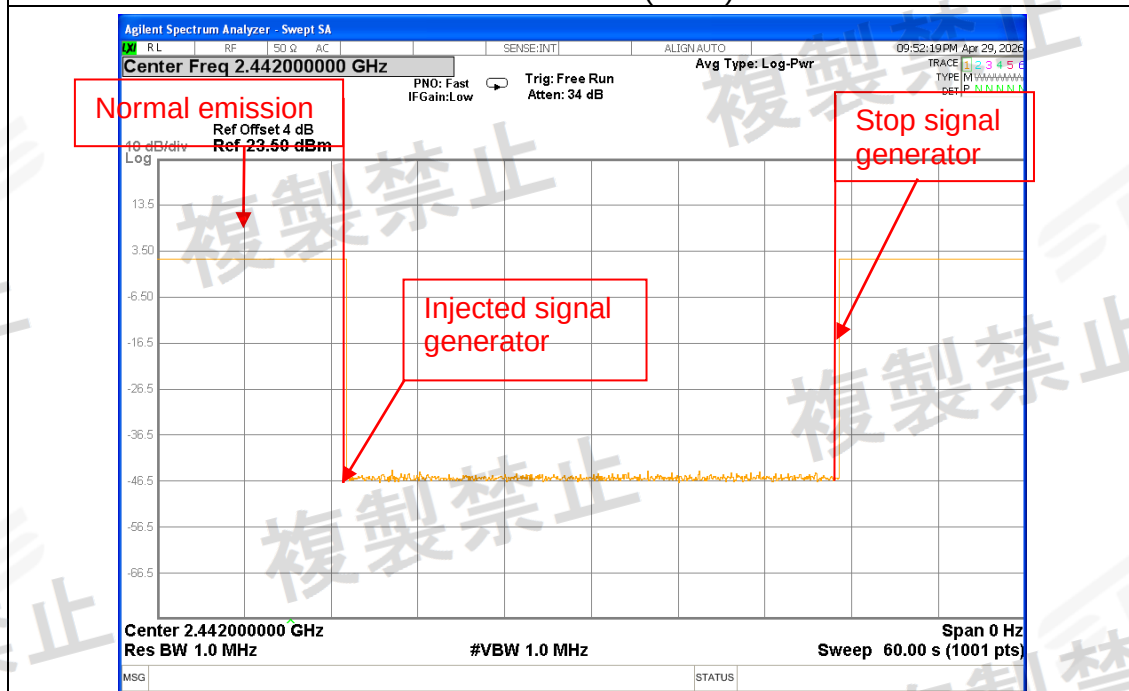


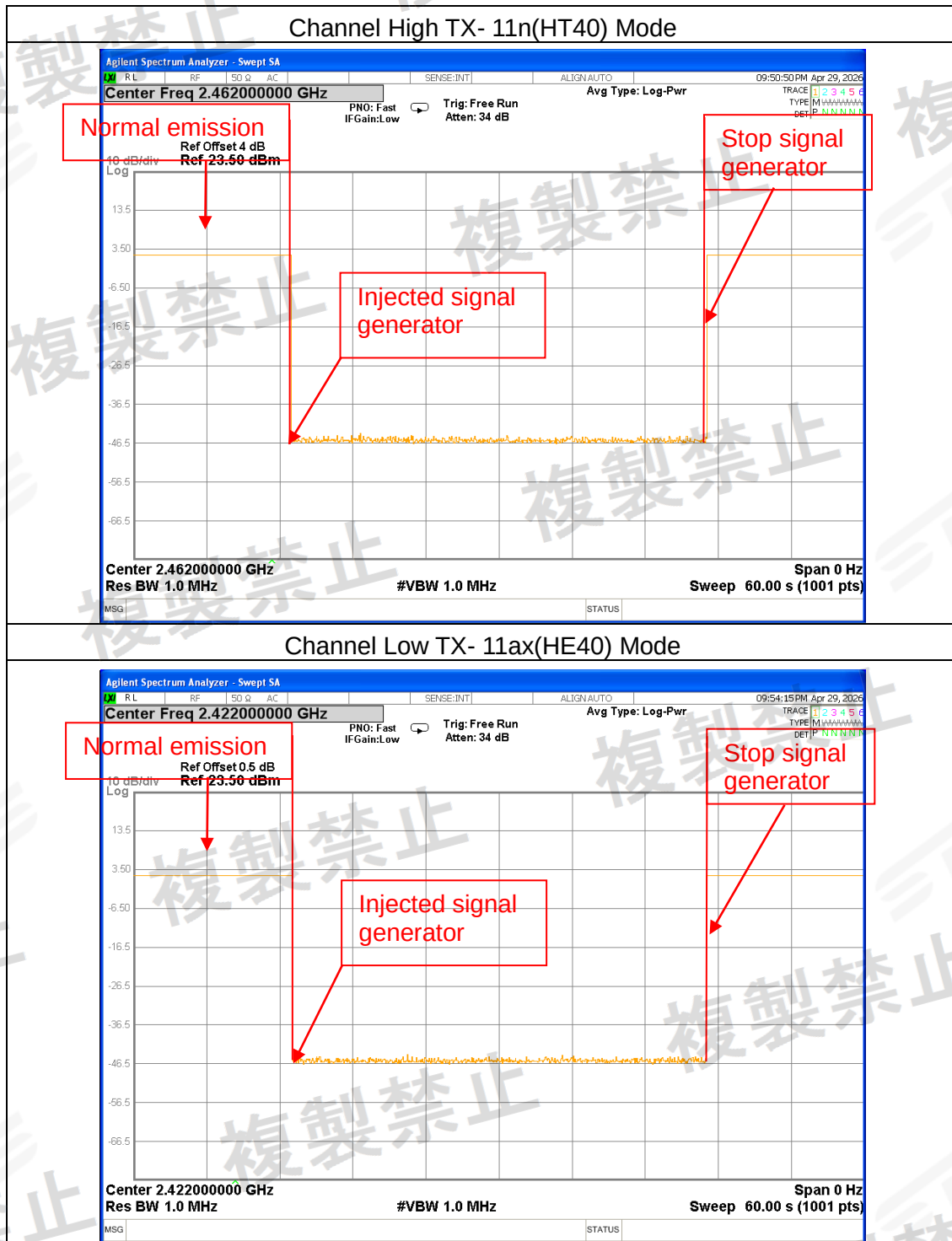
ANT2

Channel Low TX- 11n(HT40) Mode



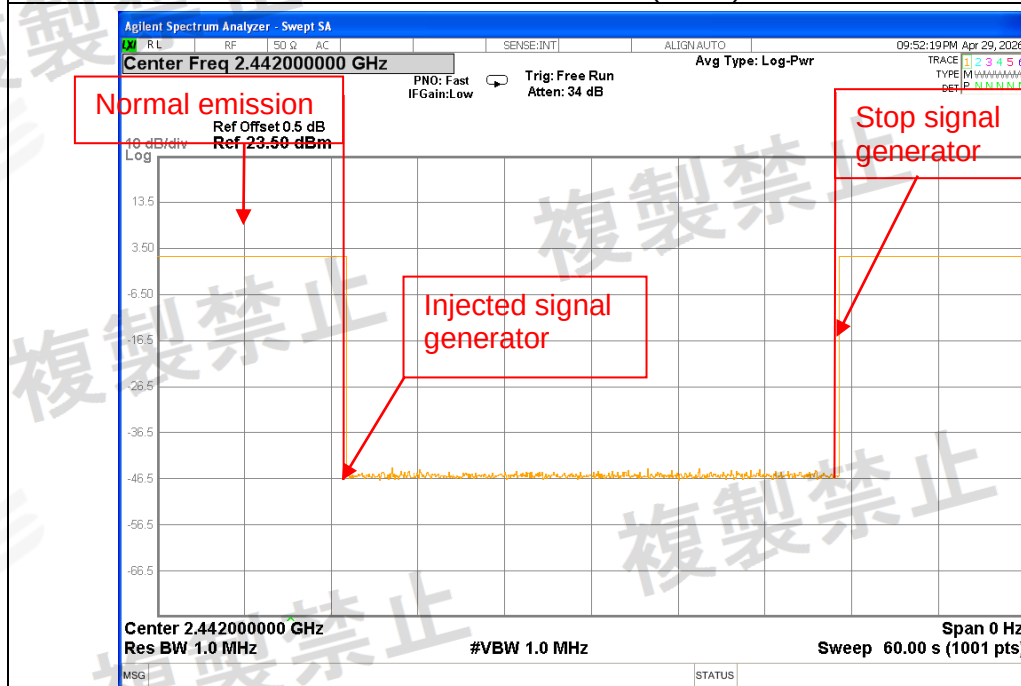
Channel Middle TX- 11n(HT40) Mode



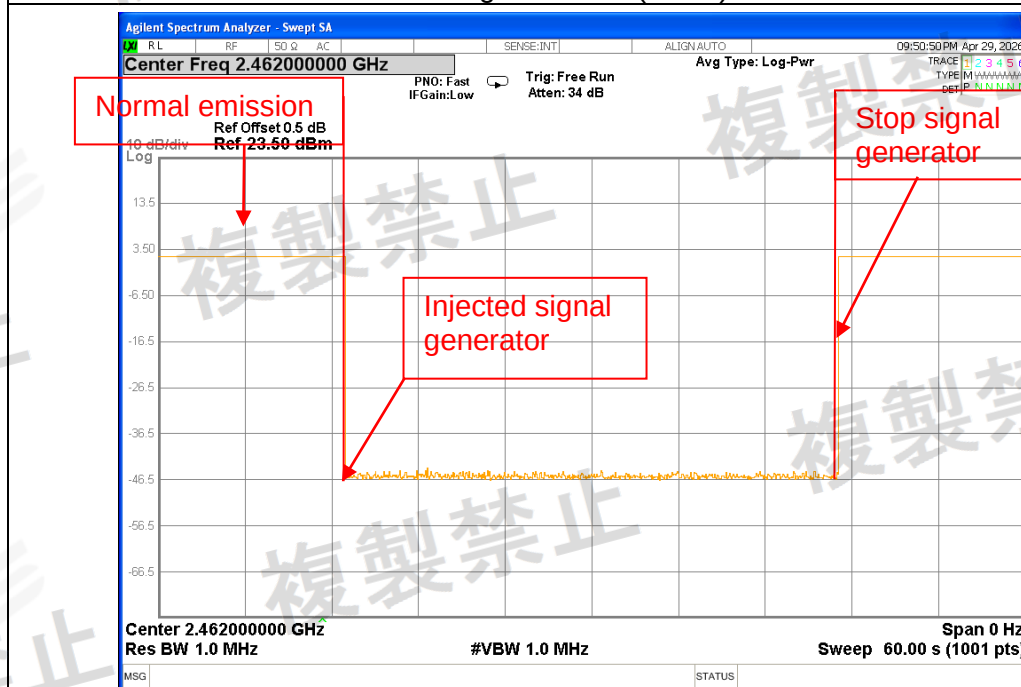




Channel Middle TX- 11ax(HE40) Mode



Channel High TX- 11ax(HE40) Mode

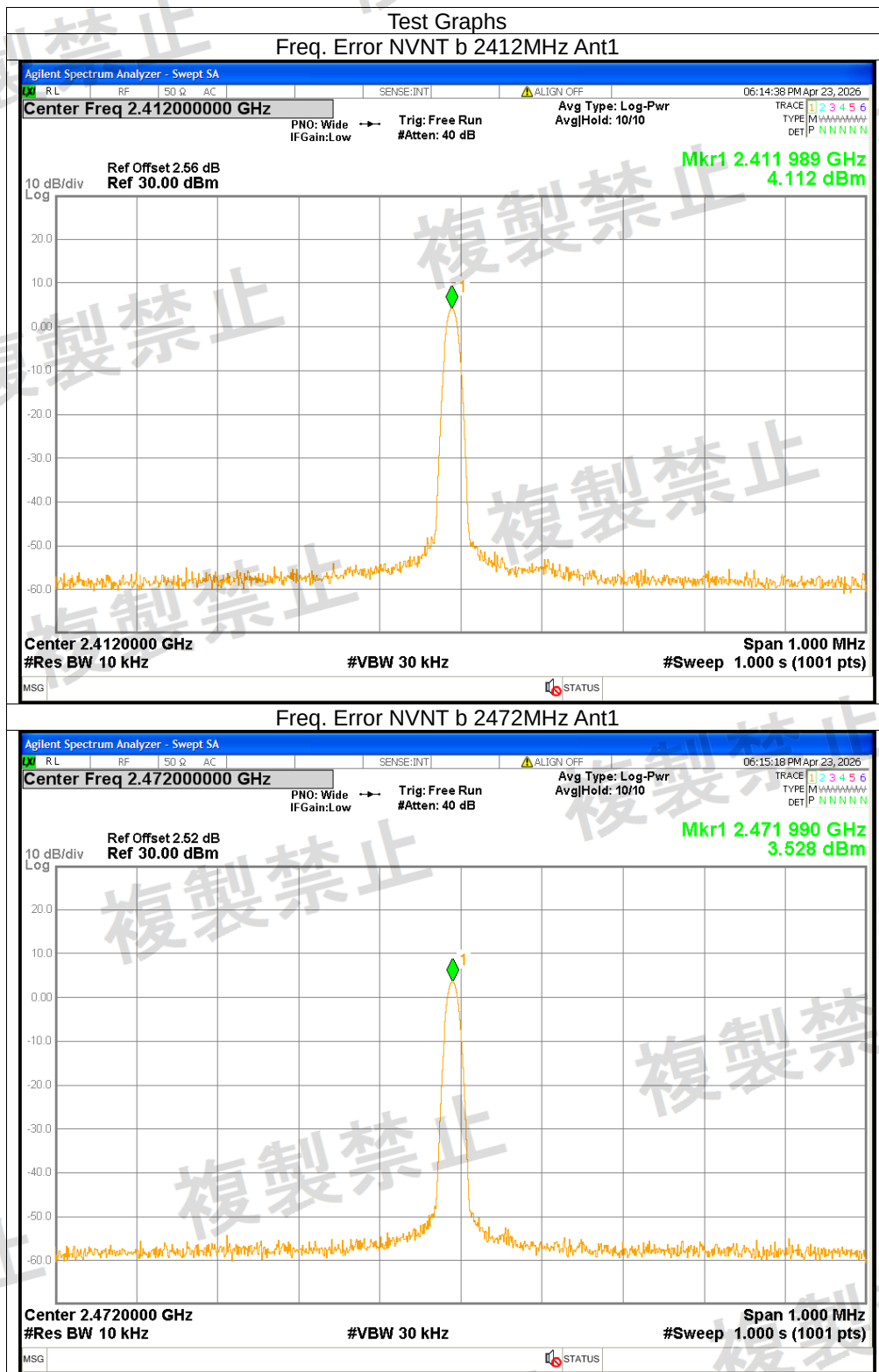


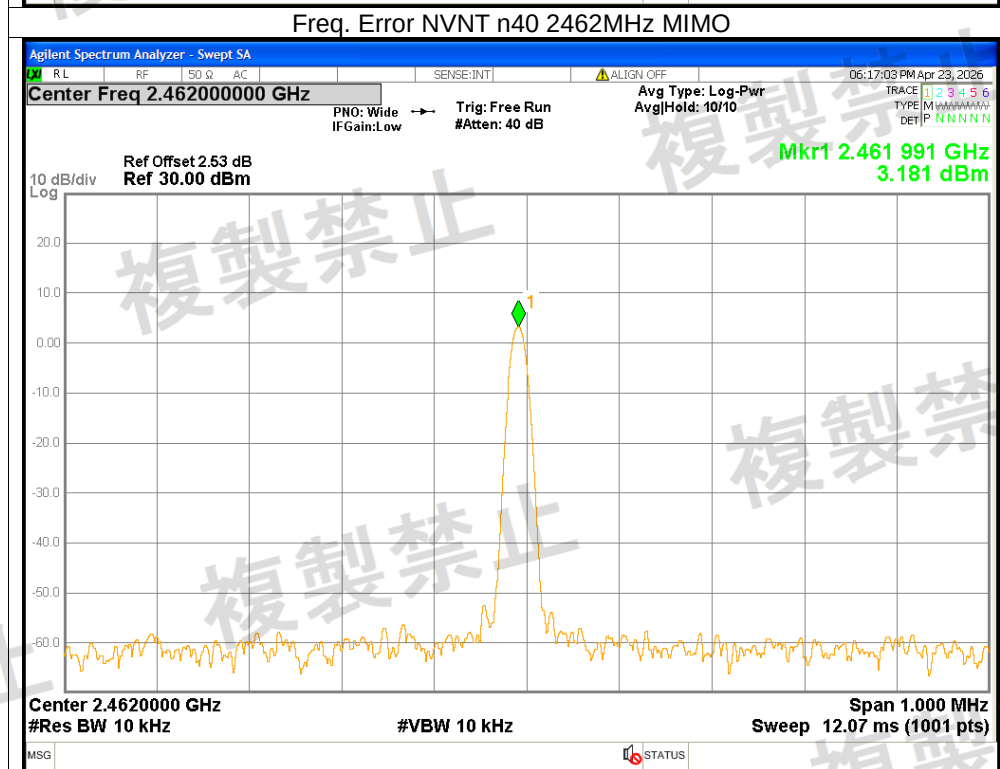
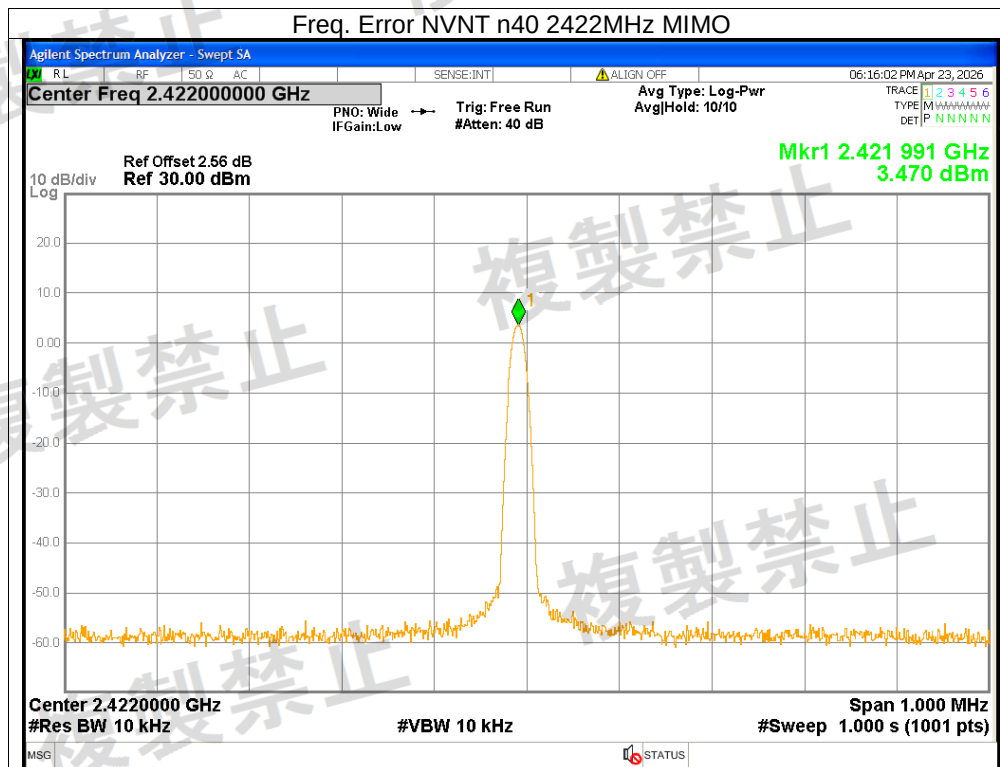


APPENDIX 1-TEST DATA

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	b	2412	Ant1	2411.989	-11000	-4.56	+50	Pass
NVNT	b	2472	Ant1	2471.99	-10000	-4.05	+50	Pass
NVNT	n40	2422	MIMO	2421.991	-9000	-3.72	+50	Pass
NVNT	n40	2462	MIMO	2461.991	-9000	-3.66	+50	Pass







Antenna Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Antenna Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	b	2412	Ant1	6.14	4.111	10	5	-17.78	20	Pass
NVNT	b	2472	Ant1	6.09	4.064	10	5	-18.72	20	Pass
NVNT	b	2412	Ant2	5.54	3.581	10	5	-28.38	20	Pass
NVNT	b	2472	Ant2	5.91	3.899	10	5	-22.02	20	Pass
NVNT	g	2412	Ant1	5.90	3.890	10	5	-22.20	20	Pass
NVNT	g	2472	Ant1	5.62	3.648	10	5	-27.04	20	Pass
NVNT	g	2412	Ant2	4.97	3.141	10	5	-37.18	20	Pass
NVNT	g	2472	Ant2	4.96	3.133	10	5	-37.34	20	Pass
NVNT	n20	2412	Ant1	3.53	2.254	10	4	-43.65	20	Pass
NVNT	n20	2412	Ant2	2.19	1.656	10	4	-58.60	20	Pass
NVNT	n20	2412	MIMO	5.92	3.910	10	4	-2.25	20	Pass
NVNT	n20	2472	Ant1	2.62	1.828	10	4	-54.30	20	Pass
NVNT	n20	2472	Ant2	3.17	2.075	10	4	-48.13	20	Pass
NVNT	n20	2472	MIMO	5.91	3.903	10	4	-2.43	20	Pass
NVNT	n40	2422	Ant1	0.14	1.033	5	3	-65.57	20	Pass
NVNT	n40	2422	Ant2	5.09	3.228	5	3	7.60	20	Pass
NVNT	n40	2422	MIMO	6.30	4.261	5	3	42.03	20	Pass
NVNT	n40	2462	Ant1	0.41	1.099	5	3	-63.37	20	Pass
NVNT	n40	2462	Ant2	1.12	1.294	5	3	-56.87	20	Pass
NVNT	n40	2462	MIMO	3.79	2.393	5	3	-20.23	20	Pass
NVNT	ax20	2412	Ant1	3.23	2.104	10	5	-57.92	20	Pass
NVNT	ax20	2412	Ant2	2.86	1.932	10	5	-61.36	20	Pass
NVNT	ax20	2412	MIMO	6.06	4.036	10	5	-19.28	20	Pass
NVNT	ax20	2472	Ant1	3.41	2.193	10	4	-45.18	20	Pass
NVNT	ax20	2472	Ant2	1.96	1.570	10	4	-60.75	20	Pass
NVNT	ax20	2472	MIMO	5.76	3.763	10	4	-5.93	20	Pass
NVNT	ax40	2422	Ant1	0.76	1.191	5	3	-60.30	20	Pass
NVNT	ax40	2422	Ant2	0.14	1.033	5	3	-65.57	20	Pass
NVNT	ax40	2422	MIMO	3.47	2.224	5	3	-25.87	20	Pass
NVNT	ax40	2462	Ant1	-0.08	0.982	5	3	-67.27	20	Pass
NVNT	ax40	2462	Ant2	-1.50	0.708	5	3	-76.40	20	Pass
NVNT	ax40	2462	MIMO	2.28	1.690	5	3	-43.67	20	Pass



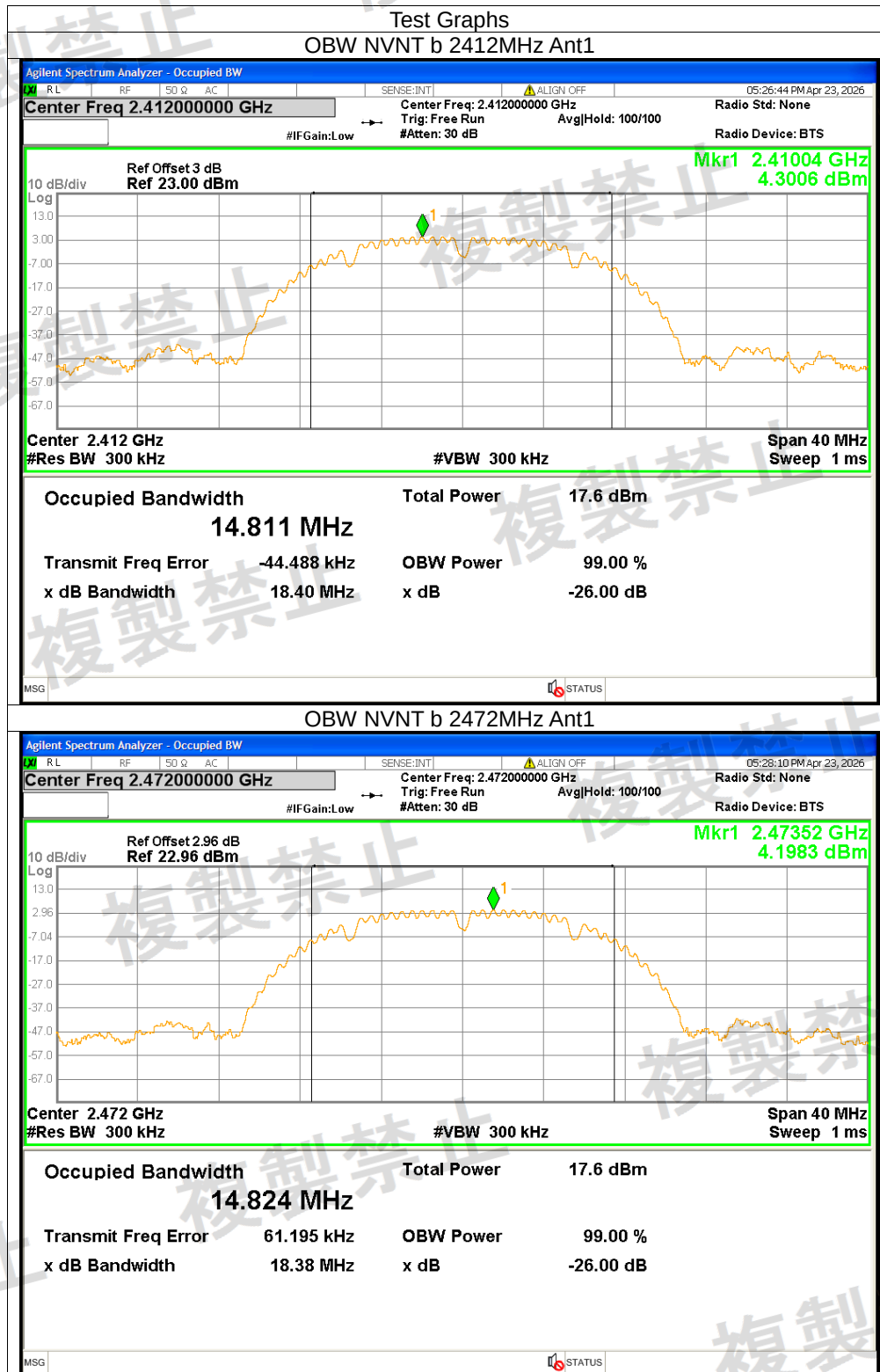
EIRP Power

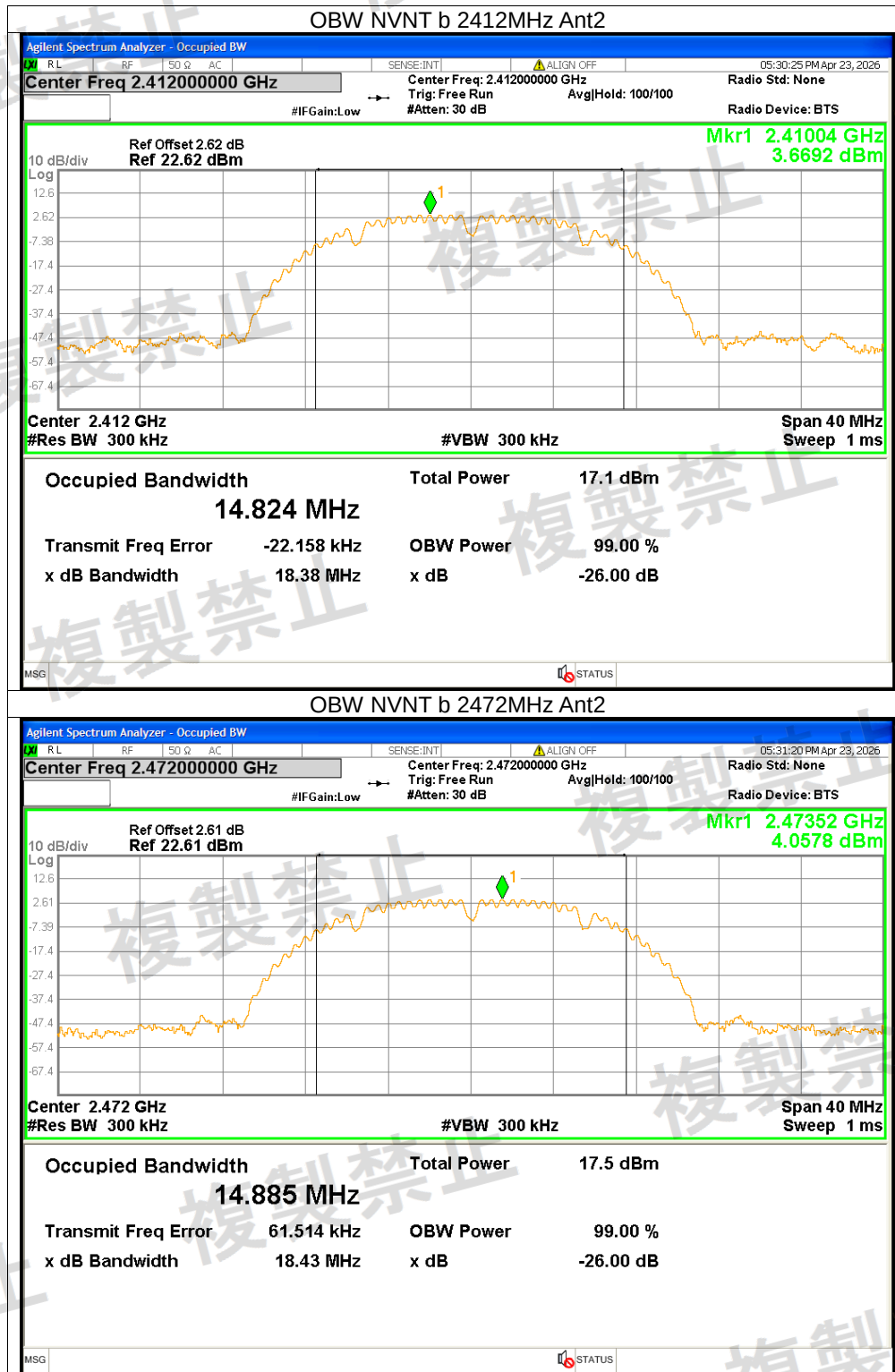
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	6.14	0.38	6.52	12.14	Pass
NVNT	b	2472	Ant1	6.09	0.38	6.47	12.14	Pass
NVNT	b	2412	Ant2	5.54	0.44	5.98	12.14	Pass
NVNT	b	2472	Ant2	5.91	0.44	6.35	12.14	Pass
NVNT	g	2412	Ant1	5.90	0.38	6.28	12.14	Pass
NVNT	g	2472	Ant1	5.62	0.38	6.00	12.14	Pass
NVNT	g	2412	Ant2	4.97	0.44	5.41	12.14	Pass
NVNT	g	2472	Ant2	4.96	0.44	5.40	12.14	Pass
NVNT	n20	2412	Ant1	3.53	0.38	3.91	12.14	Pass
NVNT	n20	2412	Ant2	2.19	0.44	2.63	12.14	Pass
NVNT	n20	2412	MIMO	5.92	0.44	6.36	12.14	Pass
NVNT	n20	2472	Ant1	2.62	0.38	3.00	12.14	Pass
NVNT	n20	2472	Ant2	3.17	0.44	3.61	12.14	Pass
NVNT	n20	2472	MIMO	5.91	0.44	6.35	12.14	Pass
NVNT	n40	2422	Ant1	0.14	0.38	0.52	9.13	Pass
NVNT	n40	2422	Ant2	5.09	0.44	5.53	9.13	Pass
NVNT	n40	2422	MIMO	6.30	0.44	6.74	9.13	Pass
NVNT	n40	2462	Ant1	0.41	0.38	0.79	9.13	Pass
NVNT	n40	2462	Ant2	1.12	0.44	1.56	9.13	Pass
NVNT	n40	2462	MIMO	3.79	0.44	4.23	9.13	Pass
NVNT	ax20	2412	Ant1	3.23	0.38	3.61	12.14	Pass
NVNT	ax20	2412	Ant2	2.86	0.44	3.30	12.14	Pass
NVNT	ax20	2412	MIMO	6.06	0.44	6.50	12.14	Pass
NVNT	ax20	2472	Ant1	3.41	0.38	3.79	12.14	Pass
NVNT	ax20	2472	Ant2	1.96	0.44	2.40	12.14	Pass
NVNT	ax20	2472	MIMO	5.76	0.44	6.20	12.14	Pass
NVNT	ax40	2422	Ant1	0.76	0.38	1.14	9.13	Pass
NVNT	ax40	2422	Ant2	0.14	0.44	0.58	9.13	Pass
NVNT	ax40	2422	MIMO	3.47	0.44	3.91	9.13	Pass
NVNT	ax40	2462	Ant1	-0.08	0.38	0.30	9.13	Pass
NVNT	ax40	2462	Ant2	-1.50	0.44	-1.06	9.13	Pass
NVNT	ax40	2462	MIMO	2.28	0.44	2.72	9.13	Pass

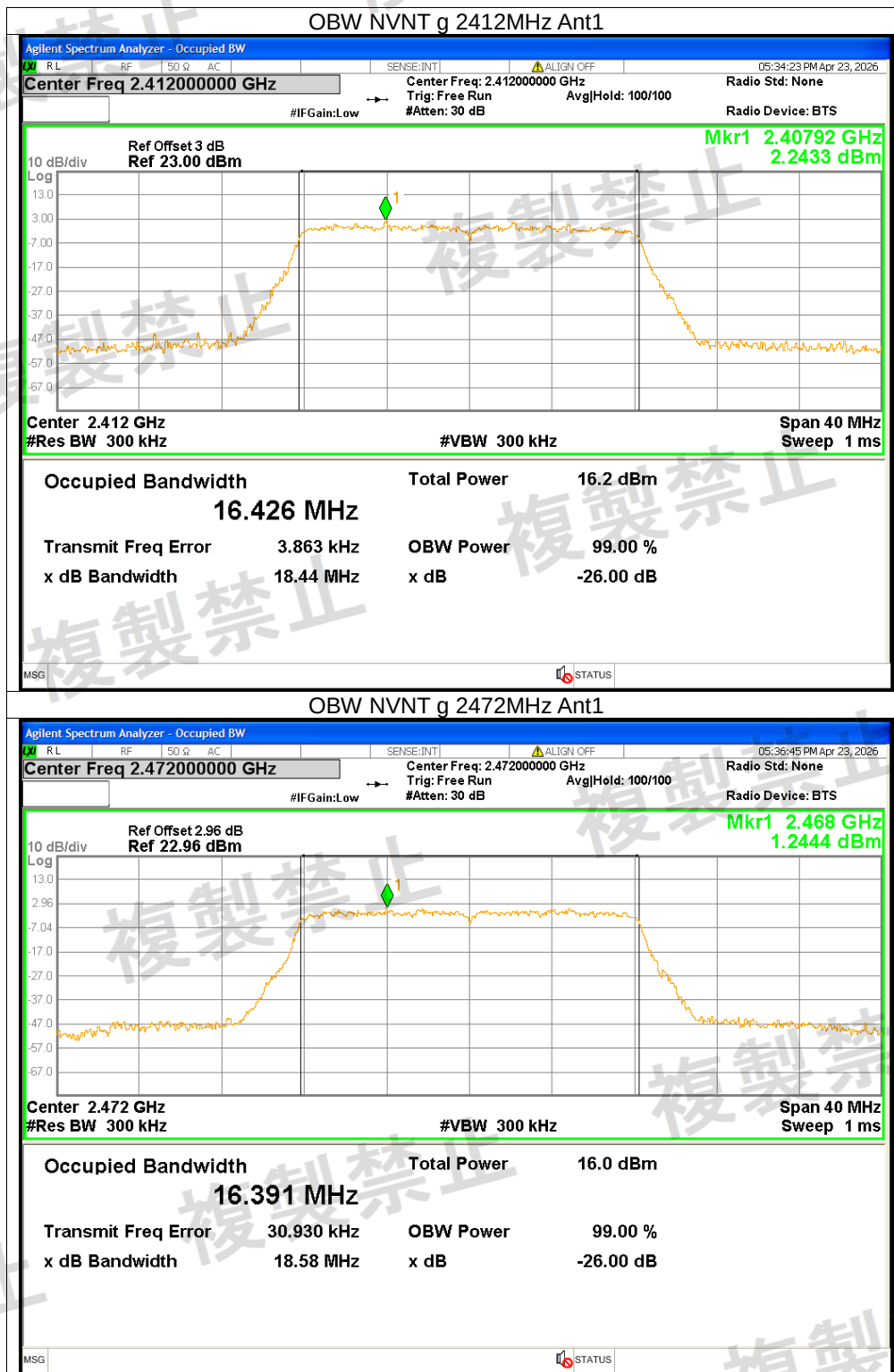


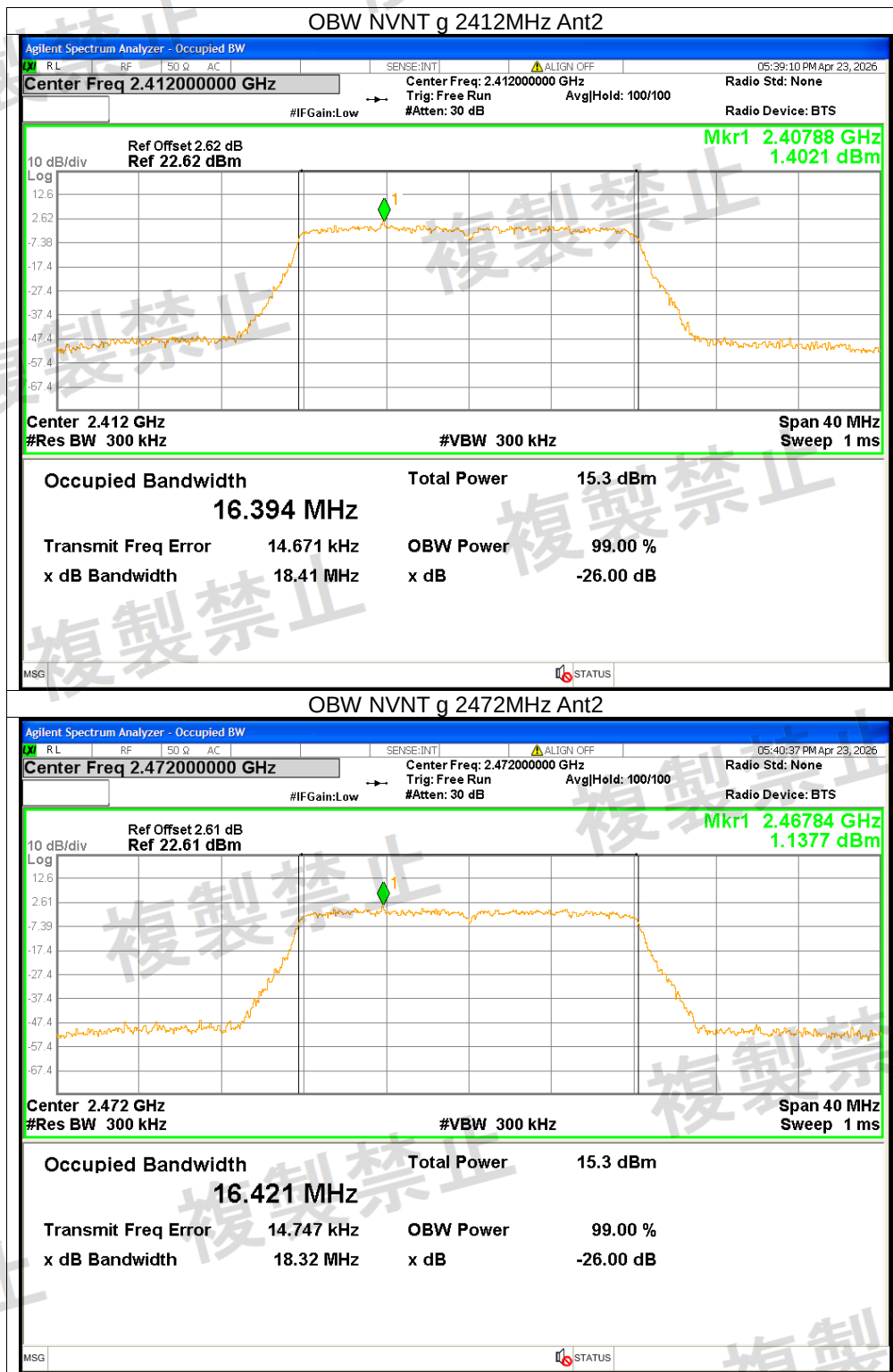
Occupied Channel Bandwidth

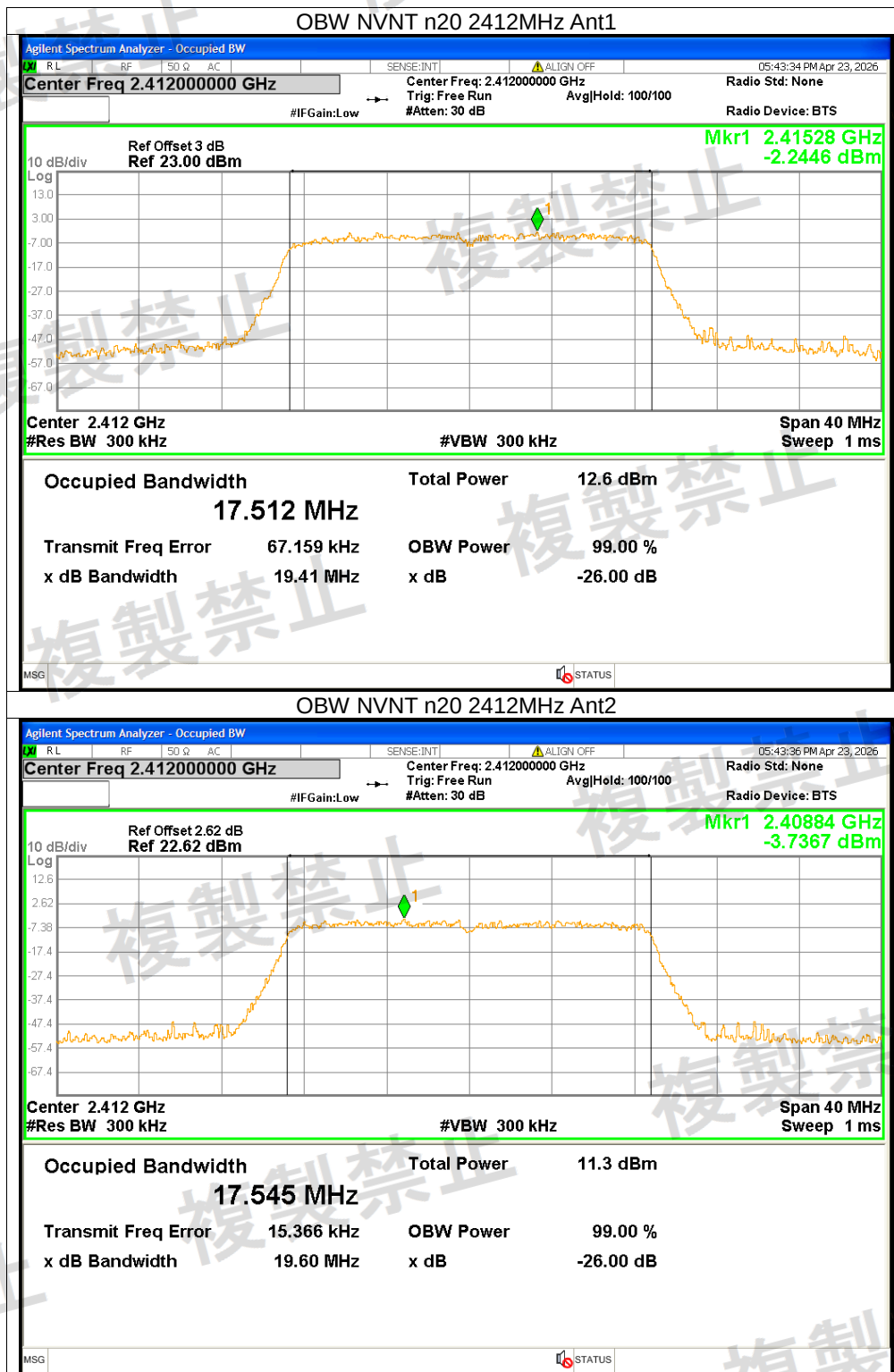
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	b	2412	Ant1	14.811	N/A	26	Pass
NVNT	b	2472	Ant1	14.824	N/A	26	Pass
NVNT	b	2412	Ant2	14.824	N/A	26	Pass
NVNT	b	2472	Ant2	14.885	N/A	26	Pass
NVNT	g	2412	Ant1	16.426	N/A	26	Pass
NVNT	g	2472	Ant1	16.391	N/A	26	Pass
NVNT	g	2412	Ant2	16.394	N/A	26	Pass
NVNT	g	2472	Ant2	16.421	N/A	26	Pass
NVNT	n20	2412	Ant1	17.512	N/A	26	Pass
NVNT	n20	2412	Ant2	17.545	N/A	26	Pass
NVNT	n20	2472	Ant1	17.553	N/A	26	Pass
NVNT	n20	2472	Ant2	17.522	N/A	26	Pass
NVNT	n40	2422	Ant1	36.131	26	40	Pass
NVNT	n40	2422	Ant2	34.609	26	40	Pass
NVNT	n40	2462	Ant1	36.074	26	40	Pass
NVNT	n40	2462	Ant2	36.13	26	40	Pass
NVNT	ax20	2412	Ant1	18.908	N/A	26	Pass
NVNT	ax20	2412	Ant2	18.866	N/A	26	Pass
NVNT	ax20	2472	Ant1	18.881	N/A	26	Pass
NVNT	ax20	2472	Ant2	18.925	N/A	26	Pass
NVNT	ax40	2422	Ant1	37.705	26	40	Pass
NVNT	ax40	2422	Ant2	37.652	26	40	Pass
NVNT	ax40	2462	Ant1	37.738	26	40	Pass
NVNT	ax40	2462	Ant2	37.728	26	40	Pass

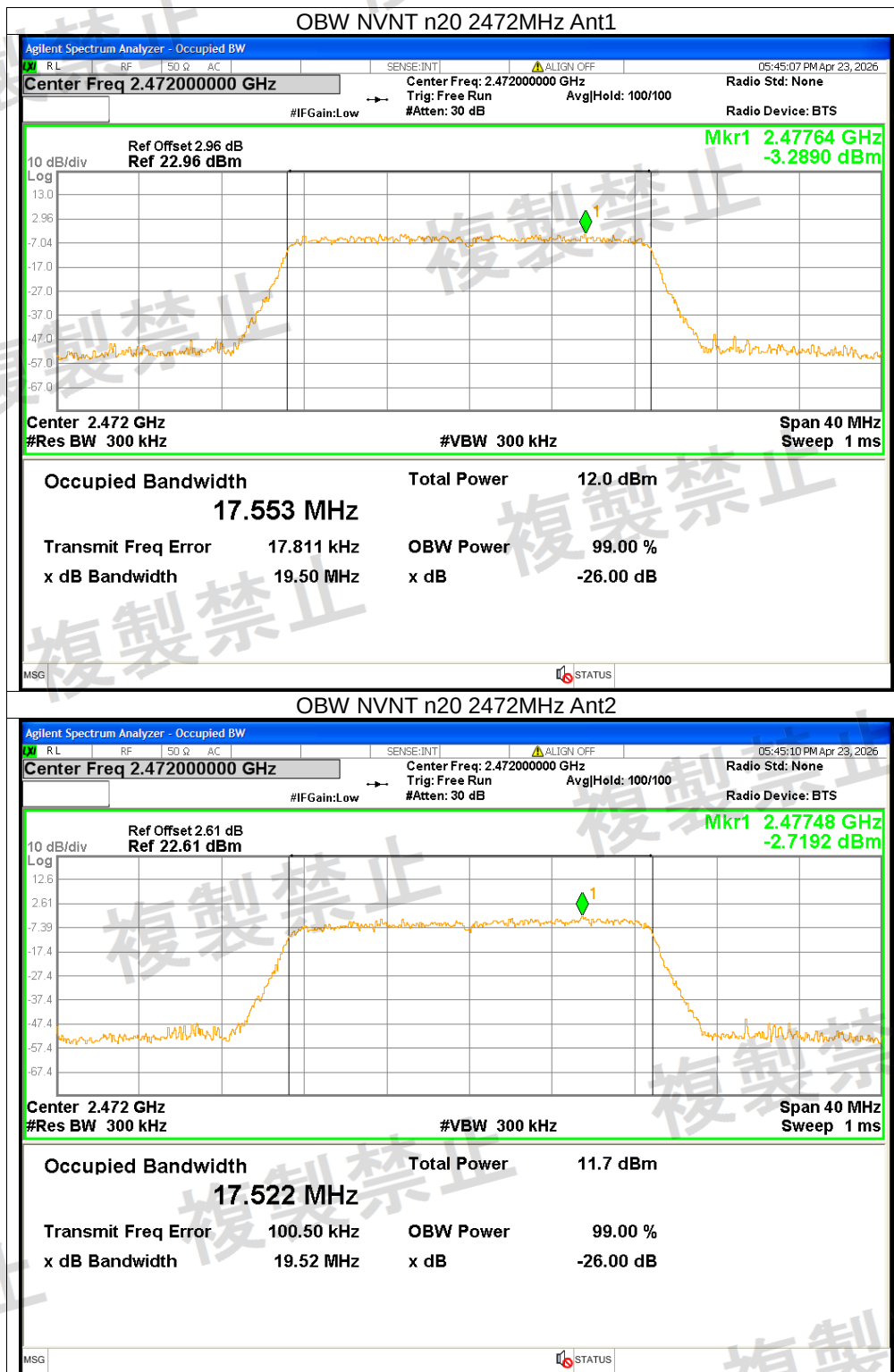


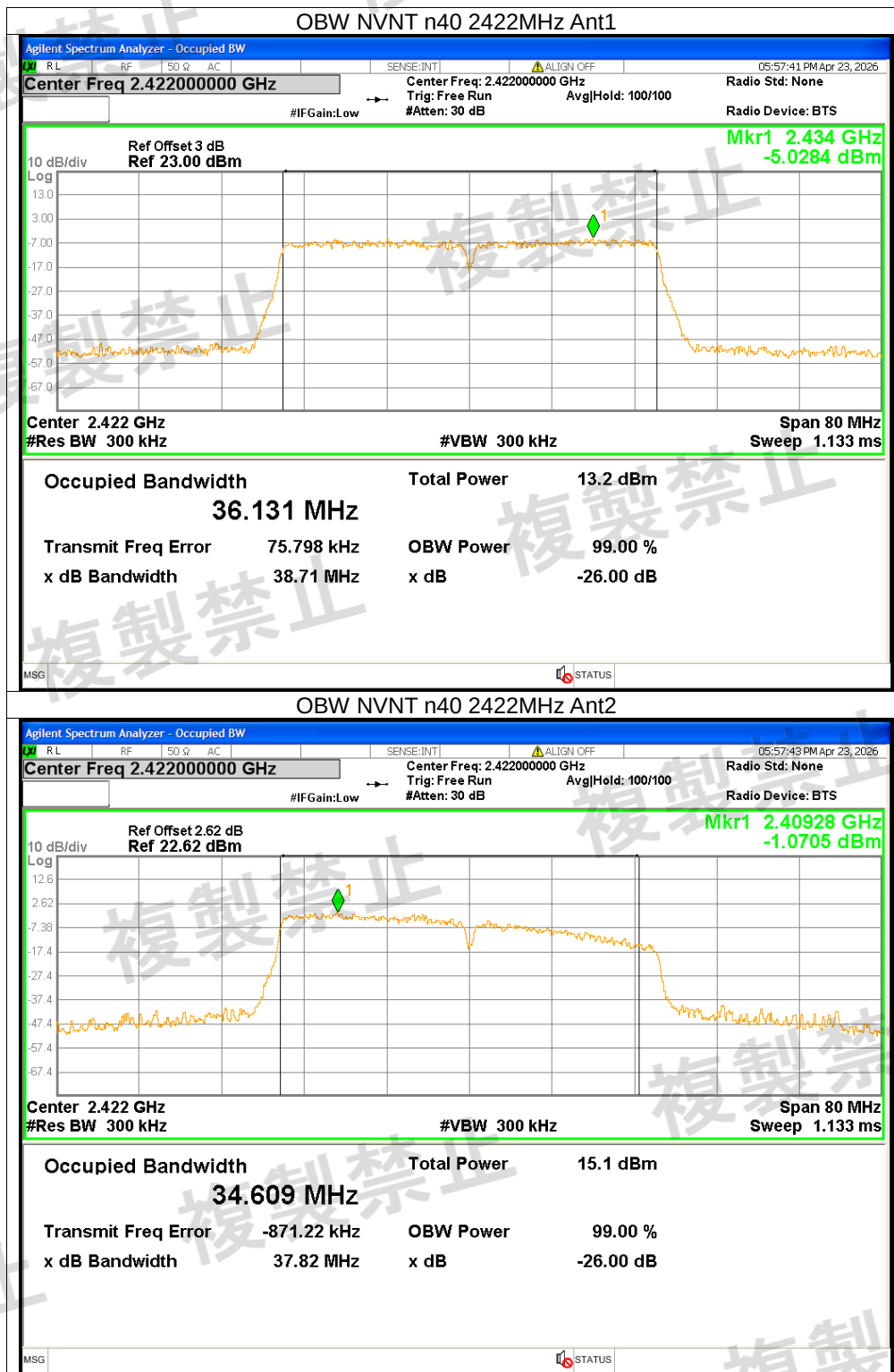


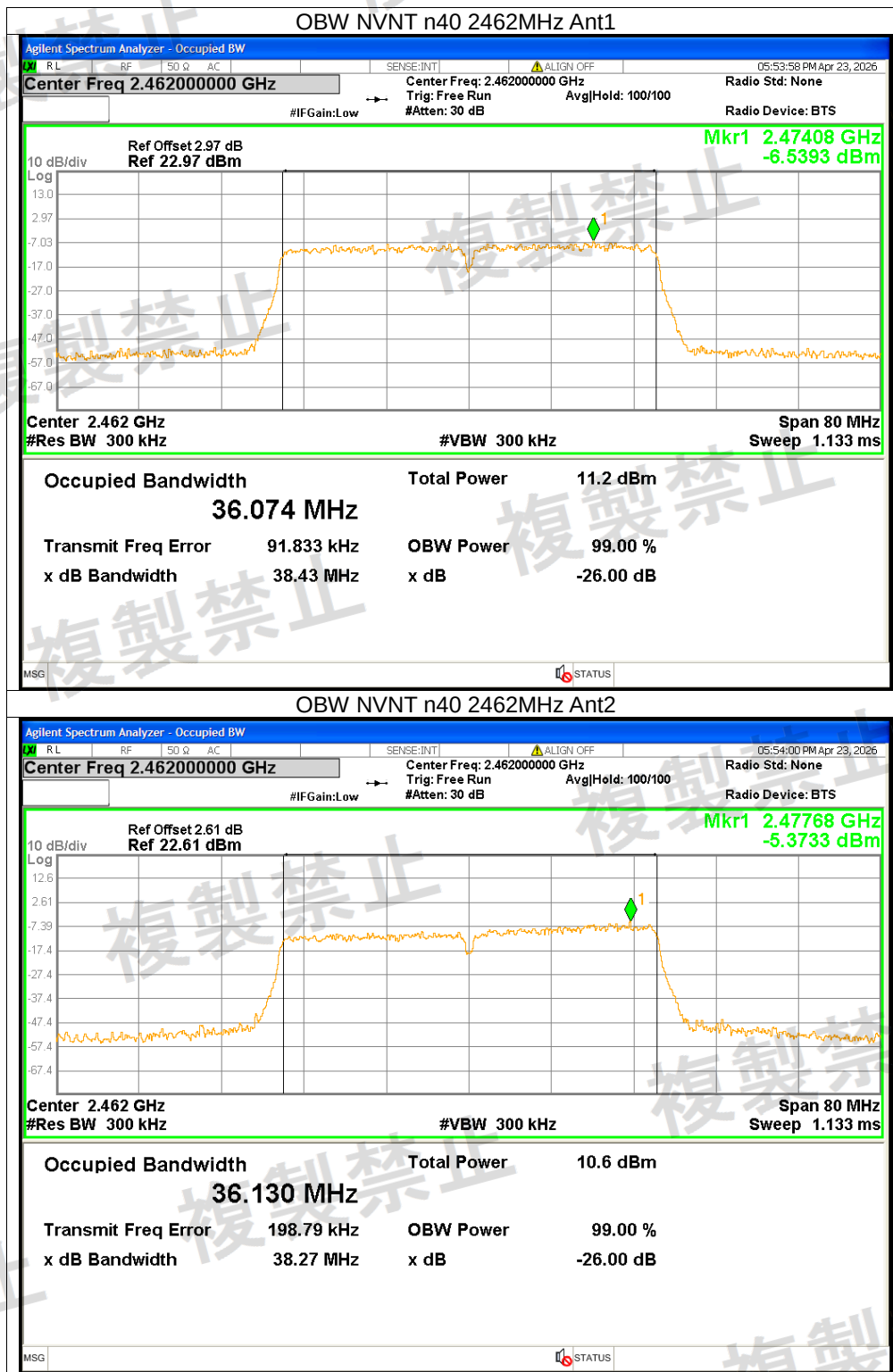


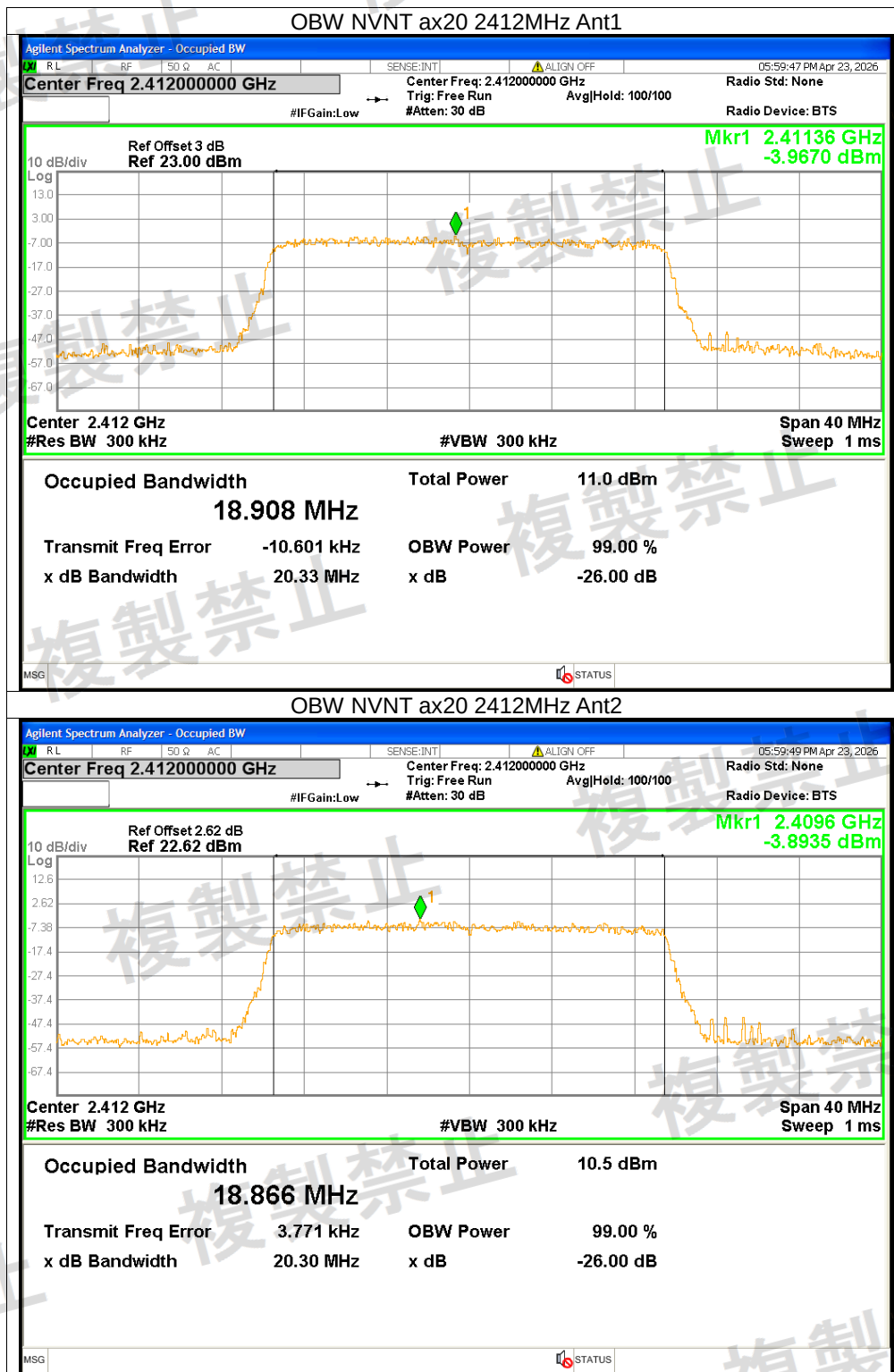


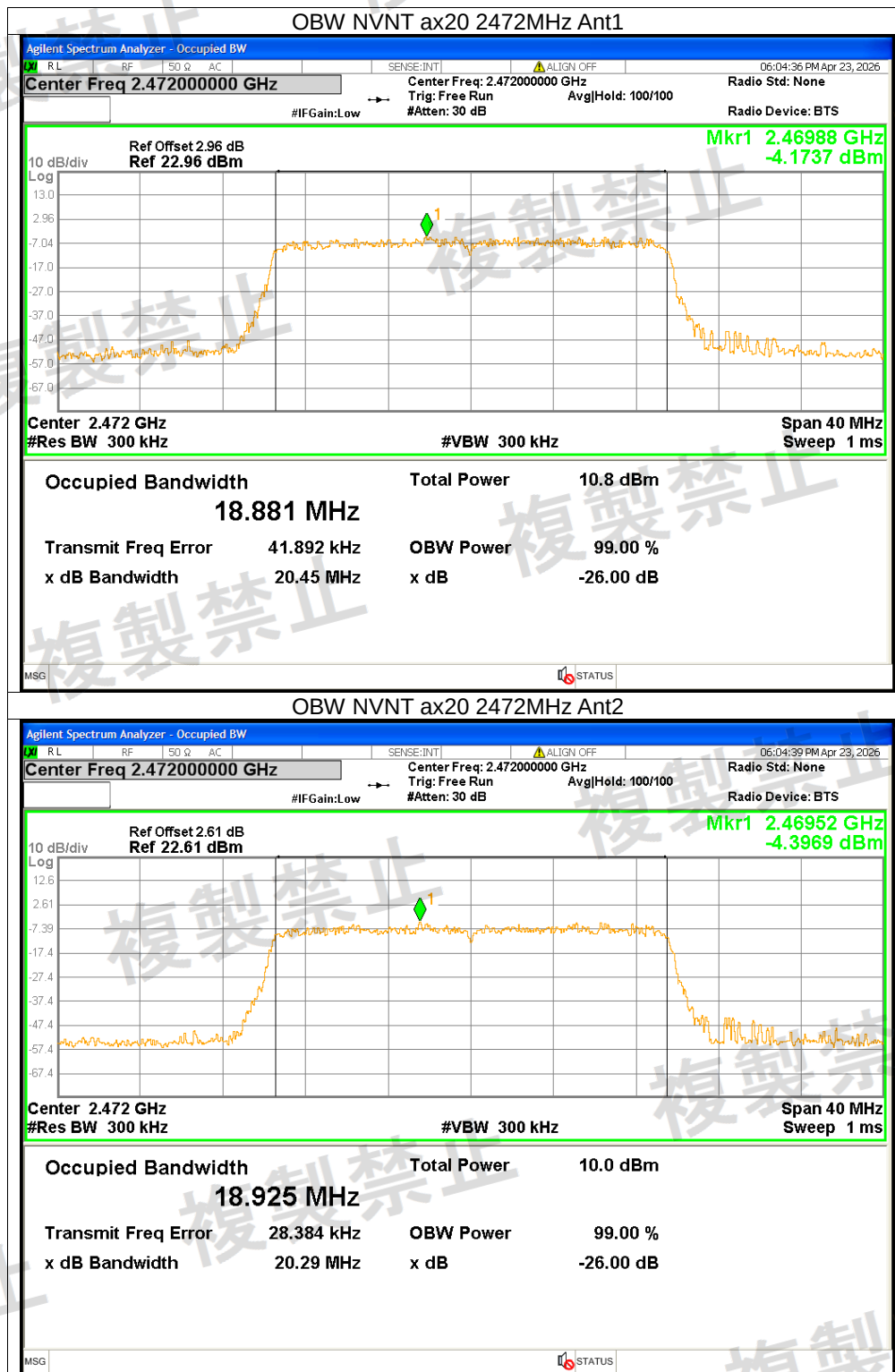


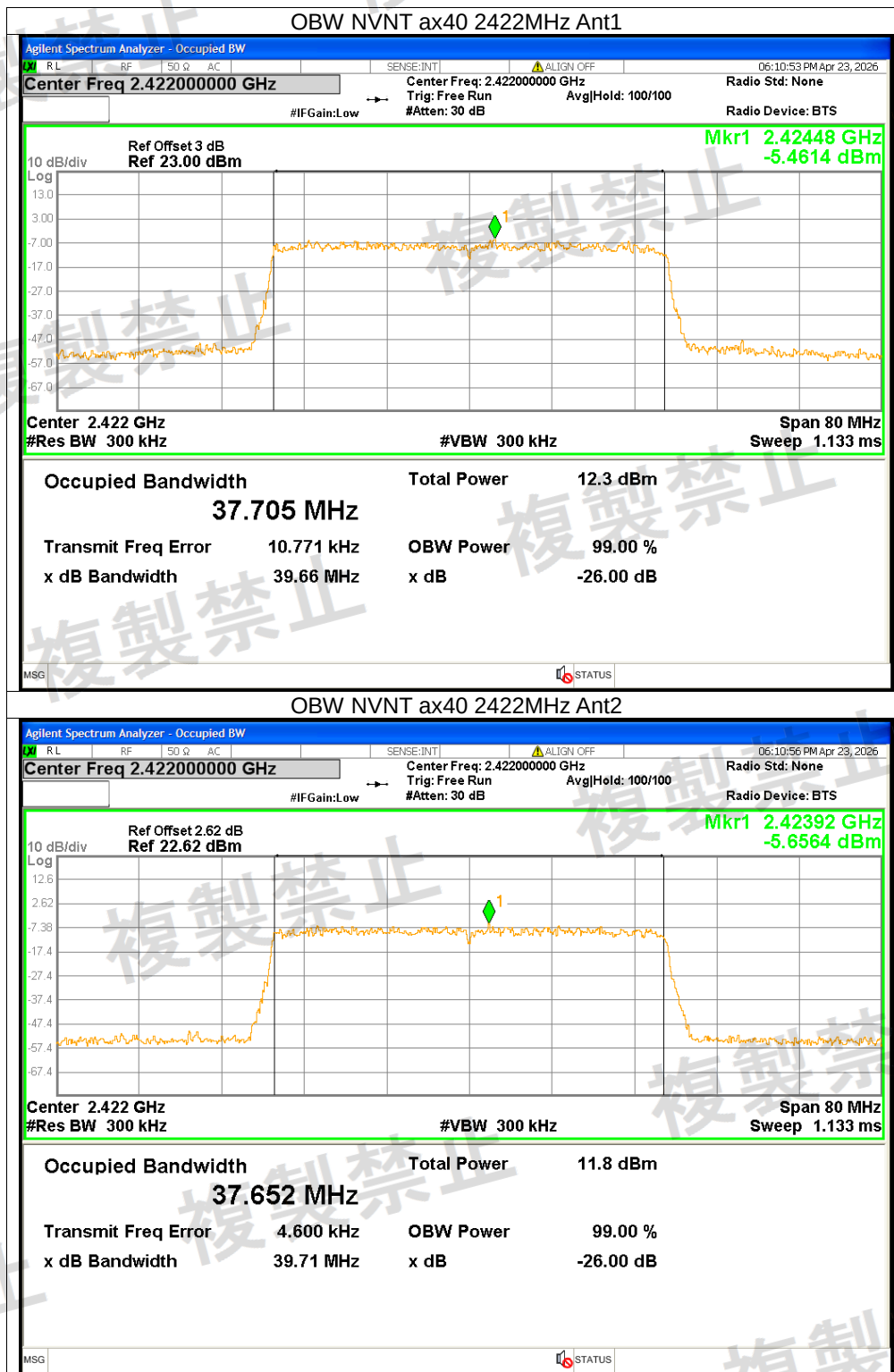


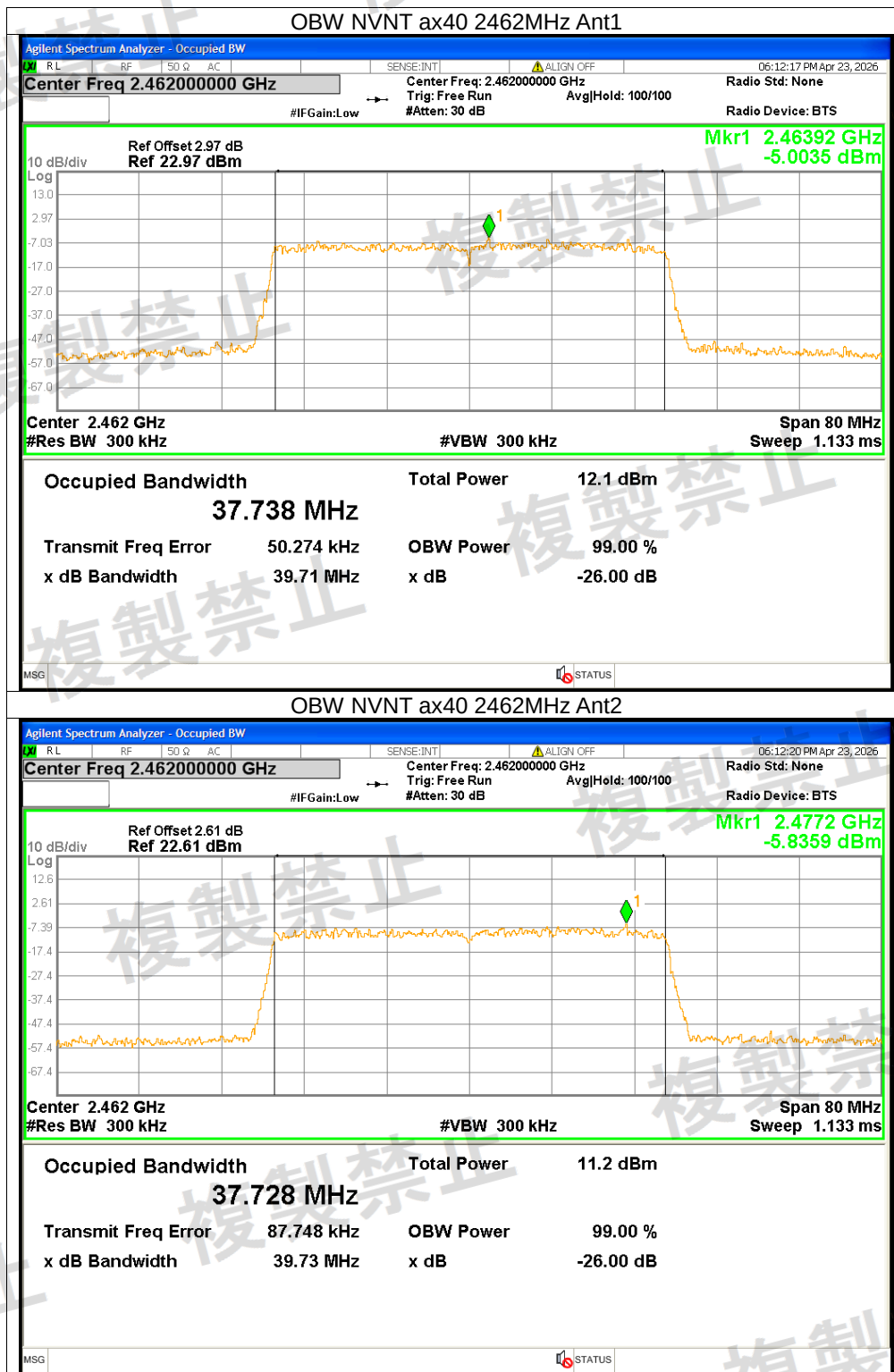














Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/MHz)	Max Value (uW/MHz)	Limit Start(uW/MHz)	Limit Stop (uW/MHz)	Verdict
NVNT	b	2412	Ant1	30-1000	916.09	-58.7	0.0013	2.5	2.5	Pass
NVNT	b	2412	Ant1	1000-2387	2386.03	-48.8	0.0132	2.5	2.5	Pass
NVNT	b	2412	Ant1	2387-2400	2397.68	-38.25	0.1496	25	25	Pass
NVNT	b	2412	Ant1	2483.5-2496.5	2489.14	-50.7	0.0085	25	25	Pass
NVNT	b	2412	Ant1	2496.5-13000	2497.55	-51.78	0.0066	2.5	2.5	Pass
NVNT	b	2472	Ant1	30-1000	755.37	-58.17	0.0015	2.5	2.5	Pass
NVNT	b	2472	Ant1	1000-2387	2385.89	-51.73	0.0067	2.5	2.5	Pass
NVNT	b	2472	Ant1	2387-2400	2398.48	-50.17	0.0096	25	25	Pass
NVNT	b	2472	Ant1	2483.5-2496.5	2486.22	-38.64	0.1368	25	25	Pass
NVNT	b	2472	Ant1	2496.5-13000	2496.5	-48.72	0.0134	2.5	2.5	Pass
NVNT	b	2412	Ant2	30-1000	932.49	-59.4	0.0011	2.5	2.5	Pass
NVNT	b	2412	Ant2	1000-2387	2383.53	-47.7	0.017	2.5	2.5	Pass
NVNT	b	2412	Ant2	2387-2400	2398.96	-41.88	0.0649	25	25	Pass
NVNT	b	2412	Ant2	2483.5-2496.5	2483.76	-49.24	0.0119	25	25	Pass
NVNT	b	2412	Ant2	2496.5-13000	2517.51	-51.48	0.0071	2.5	2.5	Pass
NVNT	b	2472	Ant2	30-1000	752.07	-59.89	0.001	2.5	2.5	Pass
NVNT	b	2472	Ant2	1000-2387	2367.3	-51.59	0.0069	2.5	2.5	Pass
NVNT	b	2472	Ant2	2387-2400	2389.82	-50.49	0.0089	25	25	Pass
NVNT	b	2472	Ant2	2483.5-2496.5	2483.53	-36.55	0.2213	25	25	Pass
NVNT	b	2472	Ant2	2496.5-13000	2498.6	-47.75	0.0168	2.5	2.5	Pass
NVNT	g	2412	Ant1	30-1000	850.81	-59.22	0.0012	2.5	2.5	Pass
NVNT	g	2412	Ant1	1000-2387	2385.47	-45.89	0.0258	2.5	2.5	Pass
NVNT	g	2412	Ant1	2387-2400	2399.87	-35.61	0.2748	25	25	Pass
NVNT	g	2412	Ant1	2483.5-2496.5	2495.6	-50.66	0.0086	25	25	Pass
NVNT	g	2412	Ant1	2496.5-13000	12523.14	-51.9	0.0065	2.5	2.5	Pass
NVNT	g	2472	Ant1	30-1000	755.27	-58.65	0.0014	2.5	2.5	Pass
NVNT	g	2472	Ant1	1000-2387	2331.66	-52.86	0.0052	2.5	2.5	Pass
NVNT	g	2472	Ant1	2387-2400	2398.62	-51.5	0.0071	25	25	Pass
NVNT	g	2472	Ant1	2483.5-2496.5	2484.41	-35.77	0.2649	25	25	Pass
NVNT	g	2472	Ant1	2496.5-13000	2499.65	-49.16	0.0121	2.5	2.5	Pass
NVNT	g	2412	Ant2	30-1000	779.71	-59.38	0.0012	2.5	2.5	Pass
NVNT	g	2412	Ant2	1000-2387	2384.23	-48.1	0.0155	2.5	2.5	Pass
NVNT	g	2412	Ant2	2387-2400	2399.62	-36.52	0.2228	25	25	Pass
NVNT	g	2412	Ant2	2483.5-2496.5	2485.05	-48.56	0.0139	25	25	Pass
NVNT	g	2412	Ant2	2496.5-13000	12665.99	-52.26	0.0059	2.5	2.5	Pass
NVNT	g	2472	Ant2	30-1000	803.87	-56.87	0.0021	2.5	2.5	Pass
NVNT	g	2472	Ant2	1000-2387	2385.06	-52.67	0.0054	2.5	2.5	Pass
NVNT	g	2472	Ant2	2387-2400	2397.78	-51.75	0.0067	25	25	Pass
NVNT	g	2472	Ant2	2483.5-2496.5	2485.04	-39.06	0.1242	25	25	Pass
NVNT	g	2472	Ant2	2496.5-13000	2509.1	-47.19	0.0191	2.5	2.5	Pass
NVNT	n20	2412	Ant1	30-1000	946.26	-59.71	0.0011	2.5	2.5	Pass
NVNT	n20	2412	Ant1	1000-2387	2373.82	-51.65	0.0068	2.5	2.5	Pass
NVNT	n20	2412	Ant1	2387-2400	2399.87	-37.3	0.1862	25	25	Pass



NVNT	n20	2412	Ant1	2483.5-2496.5	2484.52	-52.55	0.0056	25	25	Pass
NVNT	n20	2412	Ant1	2496.5-13000	12936.98	-52.39	0.0058	2.5	2.5	Pass
NVNT	n20	2412	Ant2	30-1000	858.28	-58.48	0.0014	2.5	2.5	Pass
NVNT	n20	2412	Ant2	1000-2387	2381.87	-49.41	0.0115	2.5	2.5	Pass
NVNT	n20	2412	Ant2	2387-2400	2398.47	-37.51	0.1774	25	25	Pass
NVNT	n20	2412	Ant2	2483.5-2496.5	2485.3	-52.4	0.0058	25	25	Pass
NVNT	n20	2412	Ant2	2496.5-13000	12741.61	-52.11	0.0062	2.5	2.5	Pass
NVNT	n20	2472	Ant1	30-1000	723.36	-59.04	0.0012	2.5	2.5	Pass
NVNT	n20	2472	Ant1	1000-2387	2382.56	-53.73	0.0042	2.5	2.5	Pass
NVNT	n20	2472	Ant1	2387-2400	2399.83	-52.49	0.0056	25	25	Pass
NVNT	n20	2472	Ant1	2483.5-2496.5	2483.65	-35.78	0.2642	25	25	Pass
NVNT	n20	2472	Ant1	2496.5-13000	2496.5	-48.9	0.0129	2.5	2.5	Pass
NVNT	n20	2472	Ant2	30-1000	957.51	-59.83	0.001	2.5	2.5	Pass
NVNT	n20	2472	Ant2	1000-2387	2263.56	-53.48	0.0045	2.5	2.5	Pass
NVNT	n20	2472	Ant2	2387-2400	2391.73	-53.51	0.0045	25	25	Pass
NVNT	n20	2472	Ant2	2483.5-2496.5	2483.86	-34.92	0.3221	25	25	Pass
NVNT	n20	2472	Ant2	2496.5-13000	12654.43	-51.37	0.0073	2.5	2.5	Pass
NVNT	n40	2422	Ant1	30-1000	701.53	-59.68	0.0011	2.5	2.5	Pass
NVNT	n40	2422	Ant1	1000-2387	2383.67	-42.26	0.0594	2.5	2.5	Pass
NVNT	n40	2422	Ant1	2387-2400	2399.95	-33.97	0.4009	25	25	Pass
NVNT	n40	2422	Ant1	2483.5-2496.5	2485.05	-48.57	0.0139	25	25	Pass
NVNT	n40	2422	Ant1	2496.5-13000	2499.65	-51.46	0.0071	2.5	2.5	Pass
NVNT	n40	2422	Ant2	30-1000	985.16	-59.6	0.0011	2.5	2.5	Pass
NVNT	n40	2422	Ant2	1000-2387	2372.3	-50.43	0.0091	2.5	2.5	Pass
NVNT	n40	2422	Ant2	2387-2400	2399.89	-47.83	0.0165	25	25	Pass
NVNT	n40	2422	Ant2	2483.5-2496.5	2485.26	-47.51	0.0177	25	25	Pass
NVNT	n40	2422	Ant2	2496.5-13000	12777.33	-51.36	0.0073	2.5	2.5	Pass
NVNT	n40	2462	Ant1	30-1000	627.04	-59.74	0.0011	2.5	2.5	Pass
NVNT	n40	2462	Ant1	1000-2387	2378.12	-52.71	0.0054	2.5	2.5	Pass
NVNT	n40	2462	Ant1	2387-2400	2399.1	-52.17	0.0061	25	25	Pass
NVNT	n40	2462	Ant1	2483.5-2496.5	2483.57	-46.14	0.0243	25	25	Pass
NVNT	n40	2462	Ant1	2496.5-13000	2497.55	-49.91	0.0102	2.5	2.5	Pass
NVNT	n40	2462	Ant2	30-1000	939.96	-59.71	0.0011	2.5	2.5	Pass
NVNT	n40	2462	Ant2	1000-2387	2386.31	-52.92	0.0051	2.5	2.5	Pass
NVNT	n40	2462	Ant2	2387-2400	2399.88	-49.71	0.0107	25	25	Pass
NVNT	n40	2462	Ant2	2483.5-2496.5	2484.88	-39.86	0.1033	25	25	Pass
NVNT	n40	2462	Ant2	2496.5-13000	2496.5	-49.89	0.0103	2.5	2.5	Pass
NVNT	ax20	2412	Ant1	30-1000	780.88	-58.77	0.0013	2.5	2.5	Pass
NVNT	ax20	2412	Ant1	1000-2387	2378.82	-51.91	0.0064	2.5	2.5	Pass
NVNT	ax20	2412	Ant1	2387-2400	2398.26	-39.39	0.1151	25	25	Pass
NVNT	ax20	2412	Ant1	2483.5-2496.5	2487.47	-53.19	0.0048	25	25	Pass
NVNT	ax20	2412	Ant1	2496.5-13000	12813.04	-52.03	0.0063	2.5	2.5	Pass
NVNT	ax20	2412	Ant2	30-1000	856.73	-59.43	0.0011	2.5	2.5	Pass



NVNT	ax2 0	2412	Ant2	1000-2387	2386.58	-50.83	0.0083	2.5	2.5	Pass
NVNT	ax2 0	2412	Ant2	2387-2400	2399.82	-40.22	0.0951	25	25	Pass
NVNT	ax2 0	2412	Ant2	2483.5-249 6.5	2485.96	-54.05	0.0039	25	25	Pass
NVNT	ax2 0	2412	Ant2	2496.5-130 00	12927.5 3	-51.72	0.0067	2.5	2.5	Pass
NVNT	ax2 0	2472	Ant1	30-1000	793.39	-59.19	0.0012	2.5	2.5	Pass
NVNT	ax2 0	2472	Ant1	1000-2387	2267.3	-54.22	0.0038	2.5	2.5	Pass
NVNT	ax2 0	2472	Ant1	2387-2400	2398.54	-54.19	0.0038	25	25	Pass
NVNT	ax2 0	2472	Ant1	2483.5-249 6.5	2483.57	-33.03	0.4977	25	25	Pass
NVNT	ax2 0	2472	Ant1	2496.5-130 00	12921.2 2	-51.82	0.0066	2.5	2.5	Pass
NVNT	ax2 0	2472	Ant2	30-1000	785.73	-59.48	0.0011	2.5	2.5	Pass
NVNT	ax2 0	2472	Ant2	1000-2387	2305.58	-55.12	0.0031	2.5	2.5	Pass
NVNT	ax2 0	2472	Ant2	2387-2400	2398.24	-55.11	0.0031	25	25	Pass
NVNT	ax2 0	2472	Ant2	2483.5-249 6.5	2483.55	-34.11	0.3882	25	25	Pass
NVNT	ax2 0	2472	Ant2	2496.5-130 00	12754.2 2	-52.22	0.006	2.5	2.5	Pass
NVNT	ax4 0	2422	Ant1	30-1000	788.35	-58.82	0.0013	2.5	2.5	Pass
NVNT	ax4 0	2422	Ant1	1000-2387	2386.72	-49.11	0.0123	2.5	2.5	Pass
NVNT	ax4 0	2422	Ant1	2387-2400	2398.89	-42.46	0.0568	25	25	Pass
NVNT	ax4 0	2422	Ant1	2483.5-249 6.5	2487.26	-52.98	0.005	25	25	Pass
NVNT	ax4 0	2422	Ant1	2496.5-130 00	12806.7 4	-51.7	0.0068	2.5	2.5	Pass
NVNT	ax4 0	2422	Ant2	30-1000	826.56	-59.19	0.0012	2.5	2.5	Pass
NVNT	ax4 0	2422	Ant2	1000-2387	2387	-49.17	0.0121	2.5	2.5	Pass
NVNT	ax4 0	2422	Ant2	2387-2400	2398.6	-47.03	0.0198	25	25	Pass
NVNT	ax4 0	2422	Ant2	2483.5-249 6.5	2485.66	-49.25	0.0119	25	25	Pass
NVNT	ax4 0	2422	Ant2	2496.5-130 00	12893.9 1	-51.72	0.0067	2.5	2.5	Pass
NVNT	ax4 0	2462	Ant1	30-1000	483.77	-59.4	0.0011	2.5	2.5	Pass
NVNT	ax4 0	2462	Ant1	1000-2387	2376.18	-53.37	0.0046	2.5	2.5	Pass
NVNT	ax4 0	2462	Ant1	2387-2400	2397.05	-52.95	0.0051	25	25	Pass
NVNT	ax4 0	2462	Ant1	2483.5-249 6.5	2486.33	-42.66	0.0542	25	25	Pass
NVNT	ax4 0	2462	Ant1	2496.5-130 00	2498.6	-47.45	0.018	2.5	2.5	Pass
NVNT	ax4 0	2462	Ant2	30-1000	222.35	-59	0.0013	2.5	2.5	Pass
NVNT	ax4 0	2462	Ant2	1000-2387	2383.53	-53.7	0.0043	2.5	2.5	Pass
NVNT	ax4 0	2462	Ant2	2387-2400	2396.5	-51.86	0.0065	25	25	Pass
NVNT	ax4	2462	Ant2	2483.5-249	2483.5	-44.04	0.0394	25	25	Pass



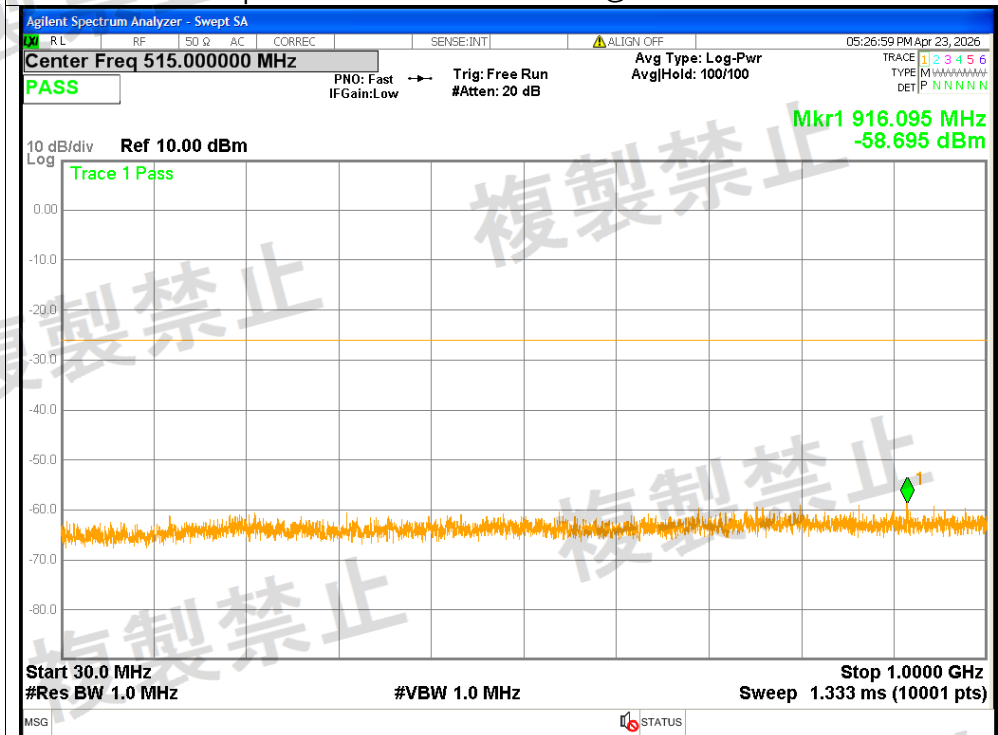
	0			6.5						
NVNT	ax4	2462	Ant2	2496.5-130	2508.05	-50.47	0.009	2.5	2.5	Pass
	0			00						

Note: For unwanted emission strength measurements of 802.11n, 802.11ax MIMO, 3dB is added to SISO measurements, and the results are passed.

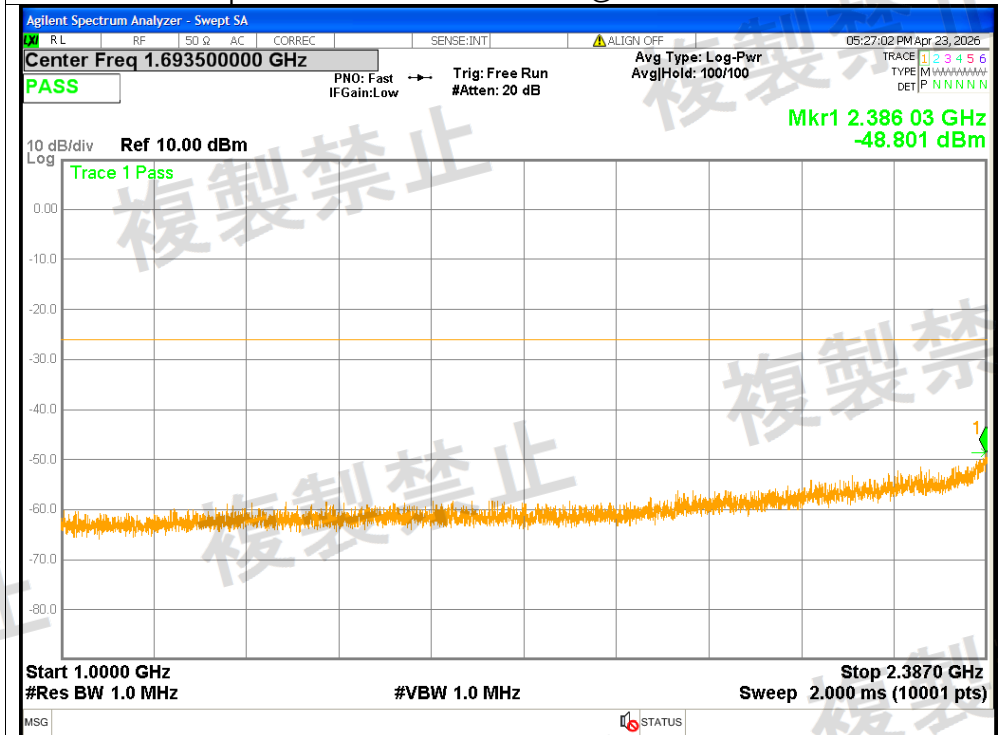


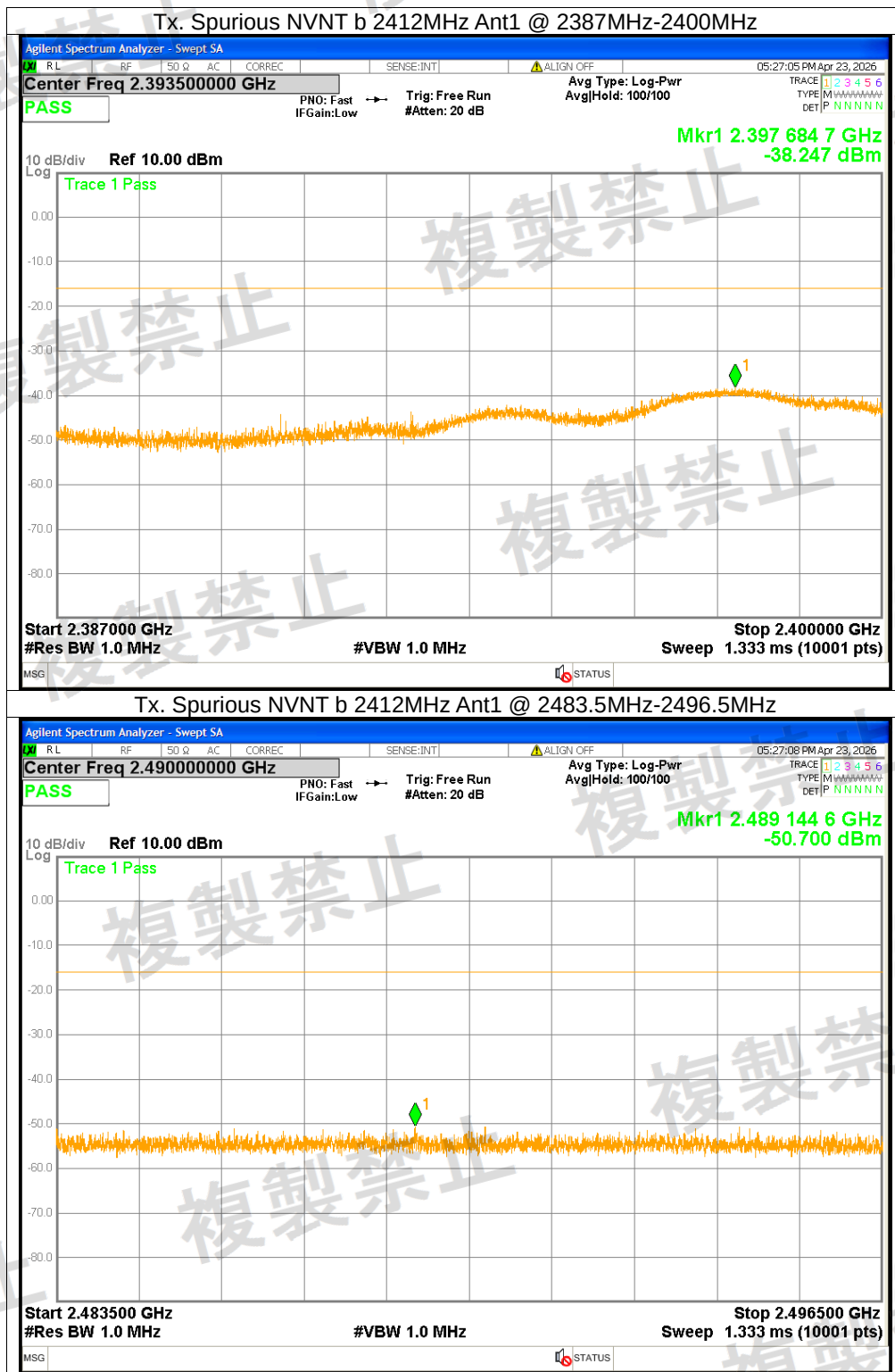
Test Graphs

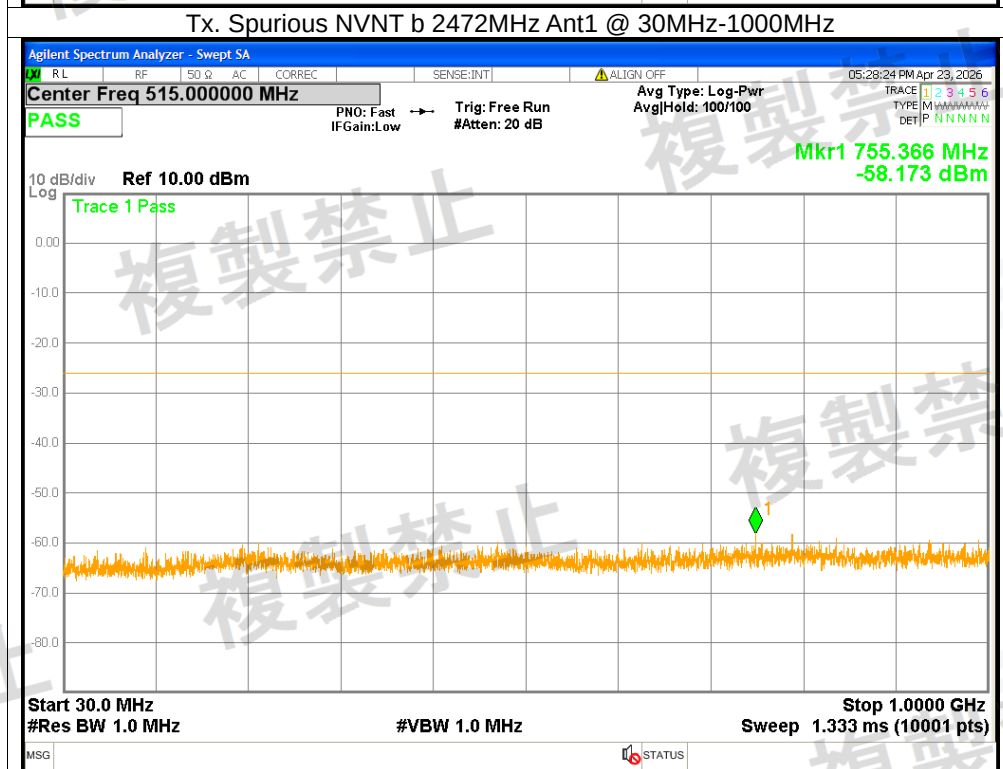
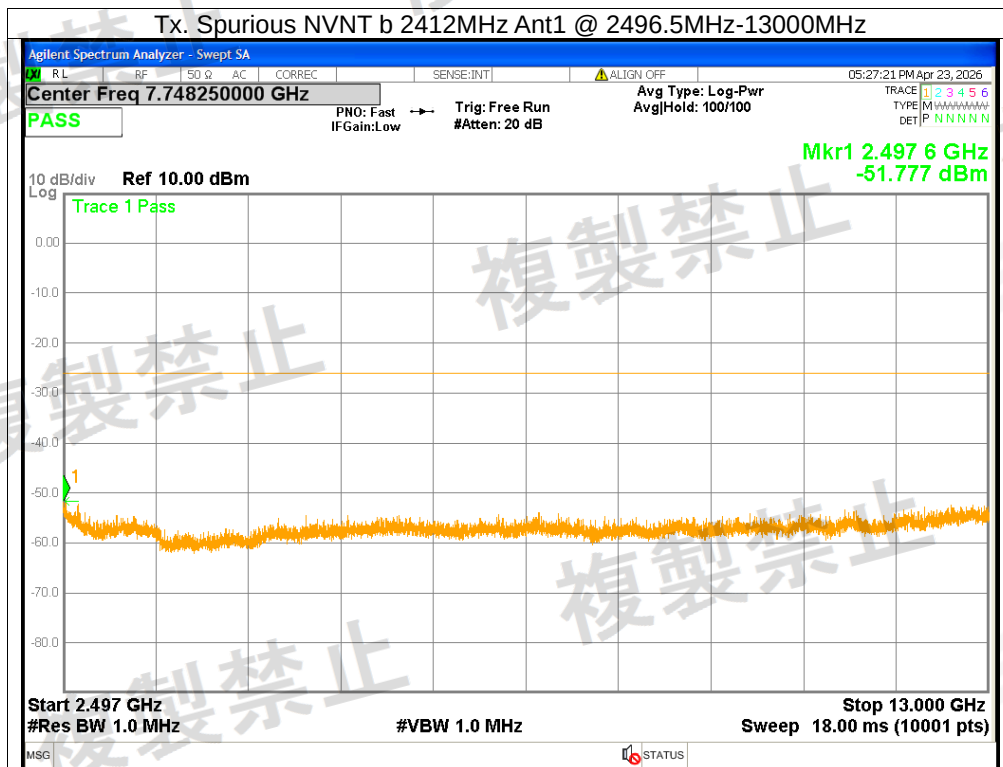
Tx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz

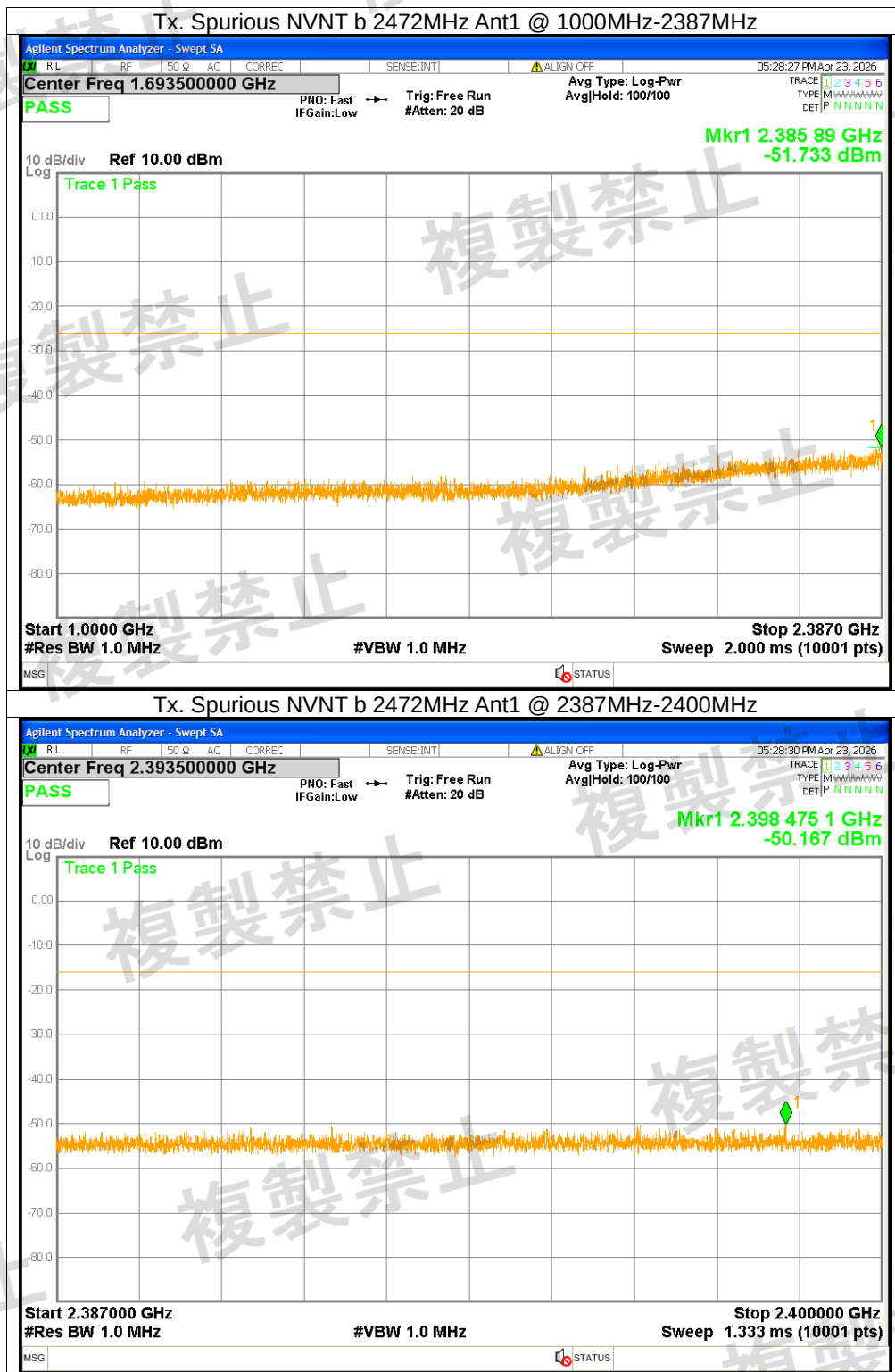


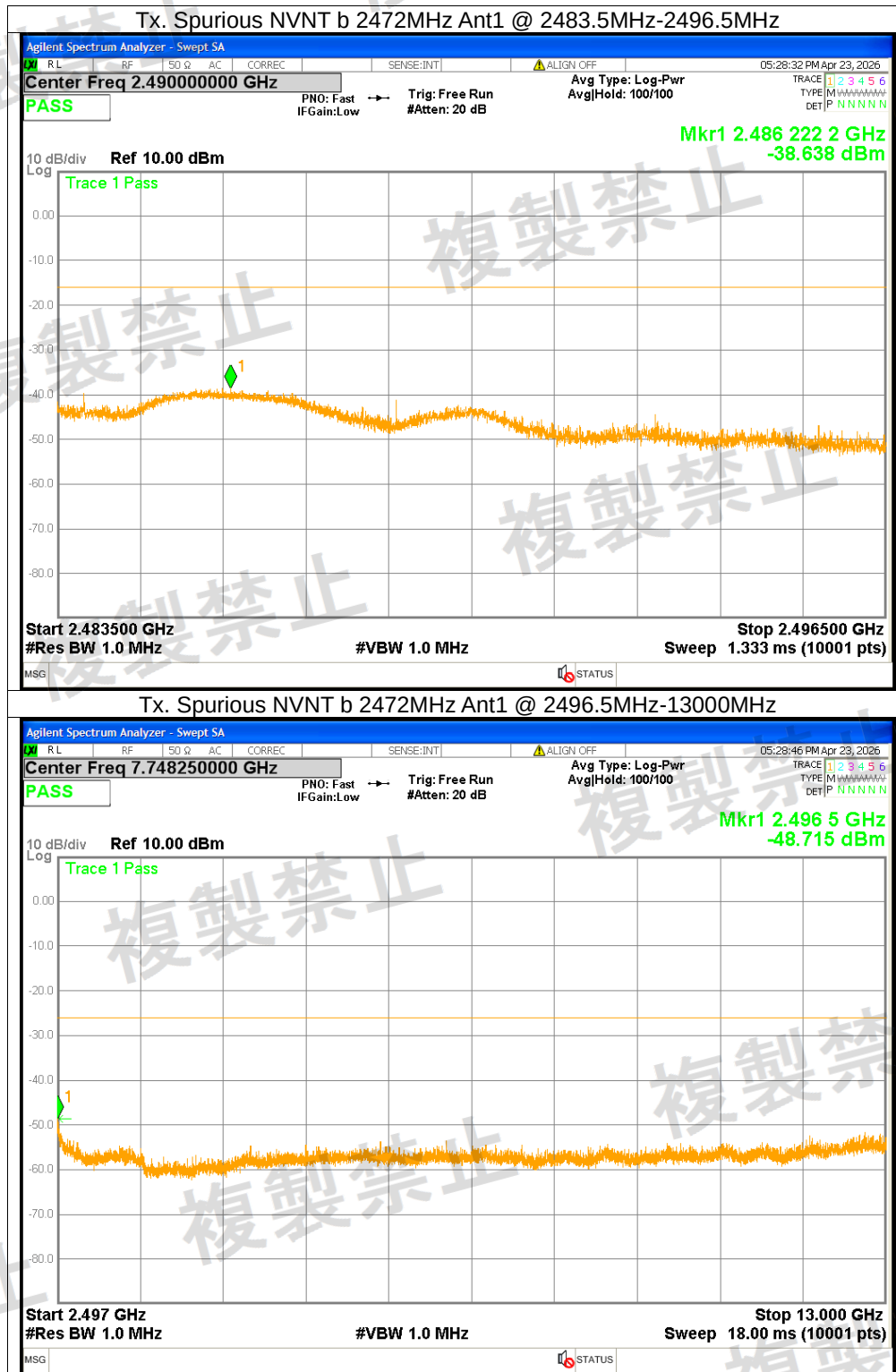
Tx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-2387MHz

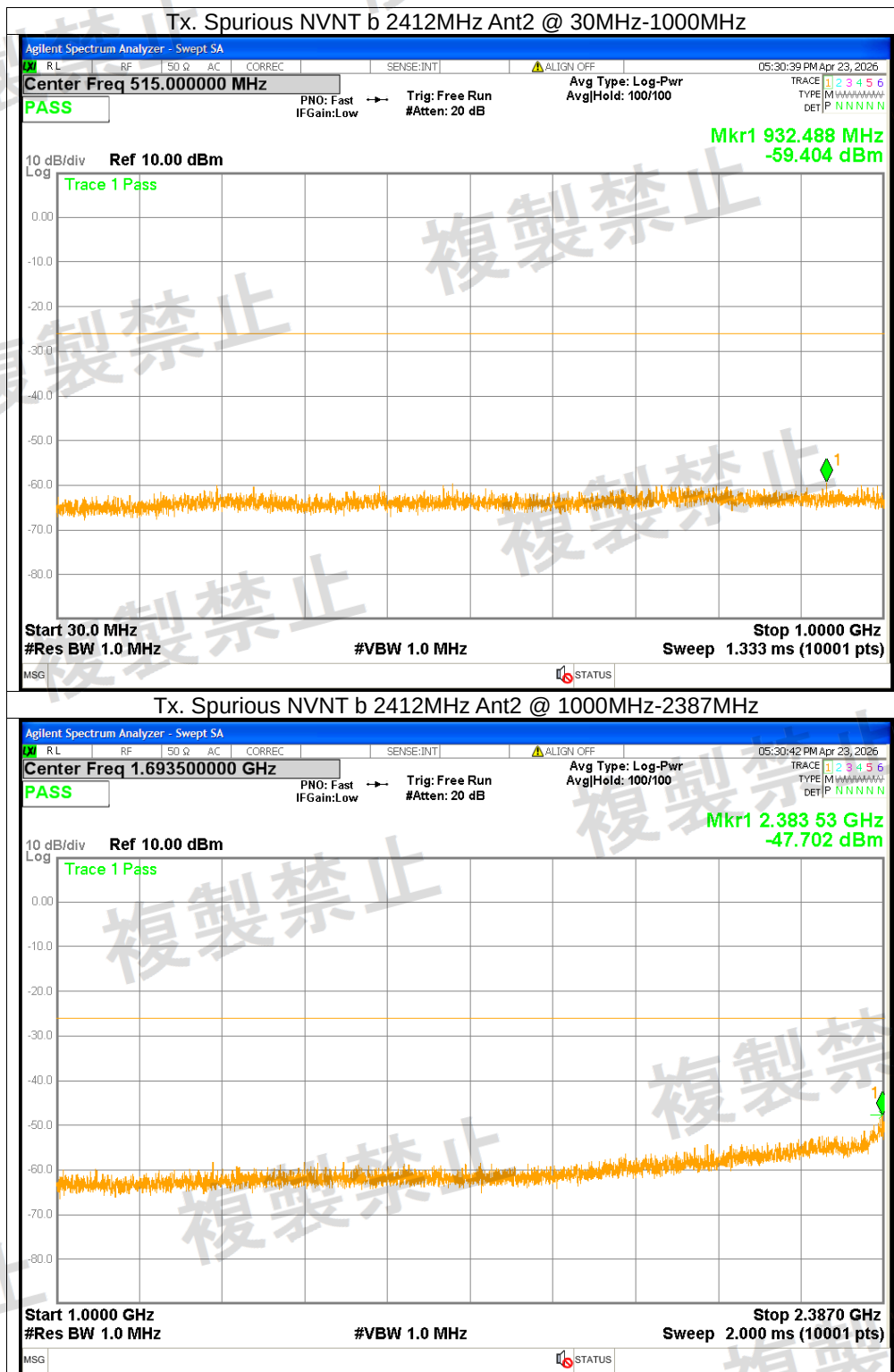


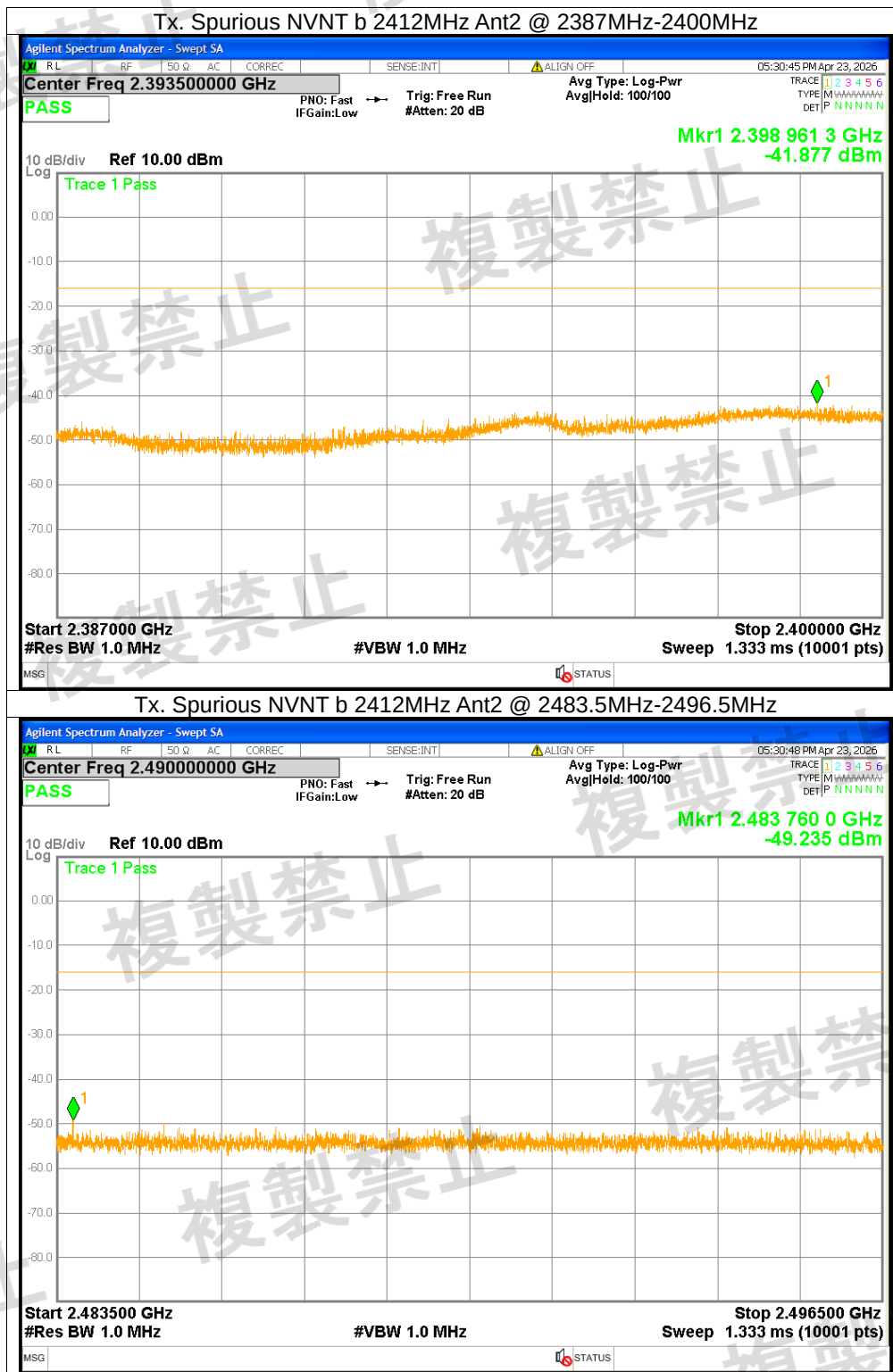


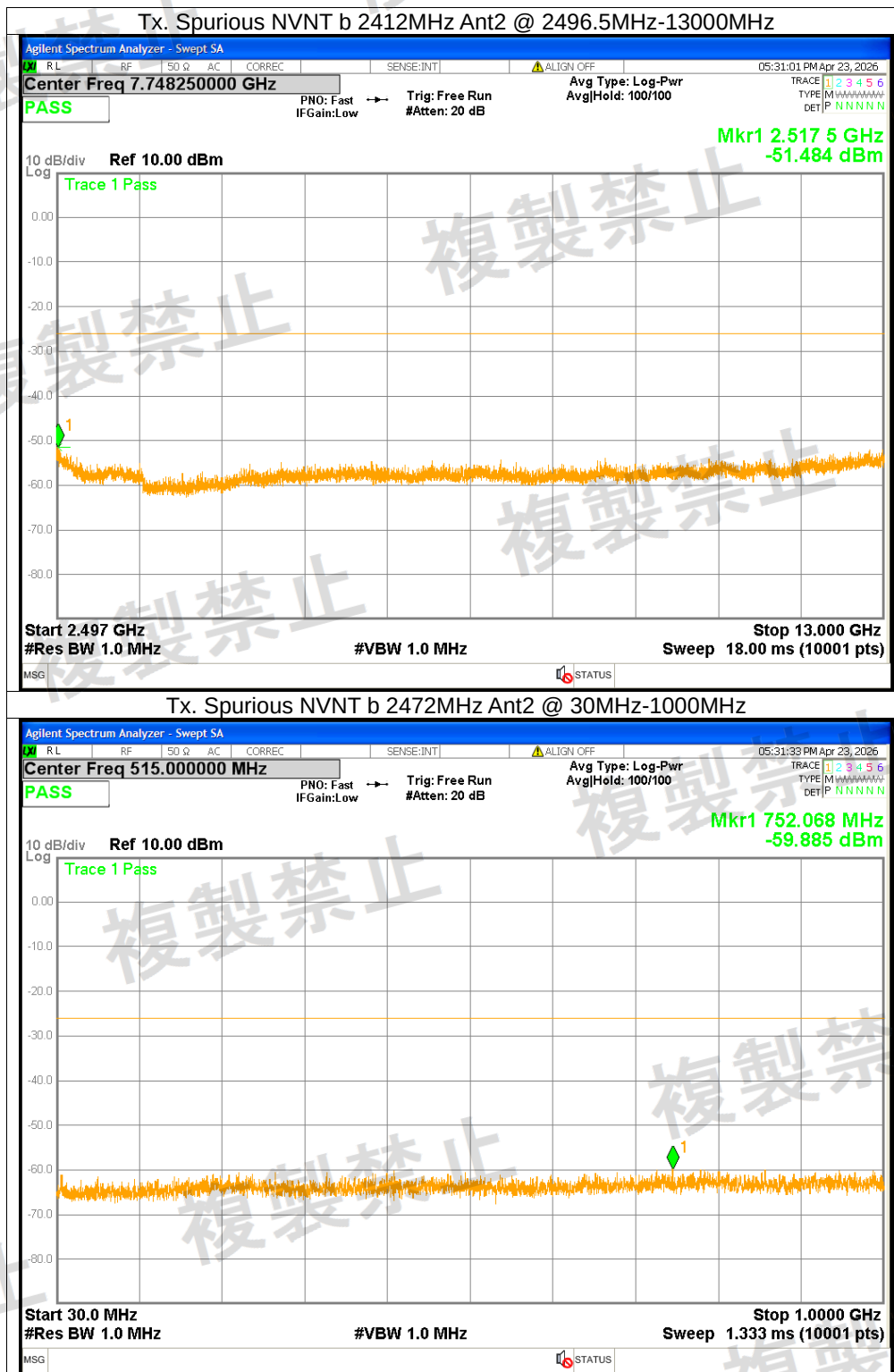


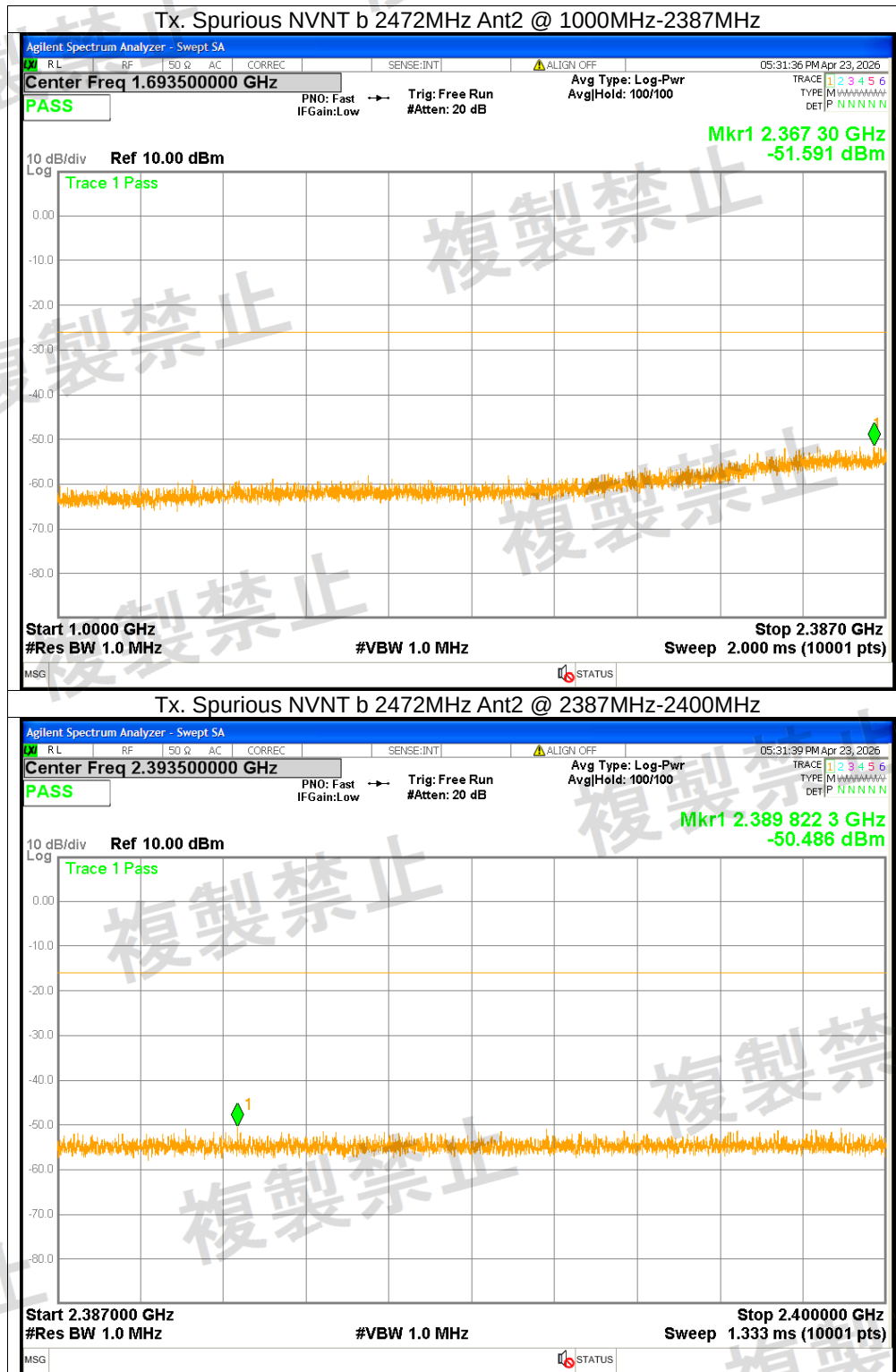


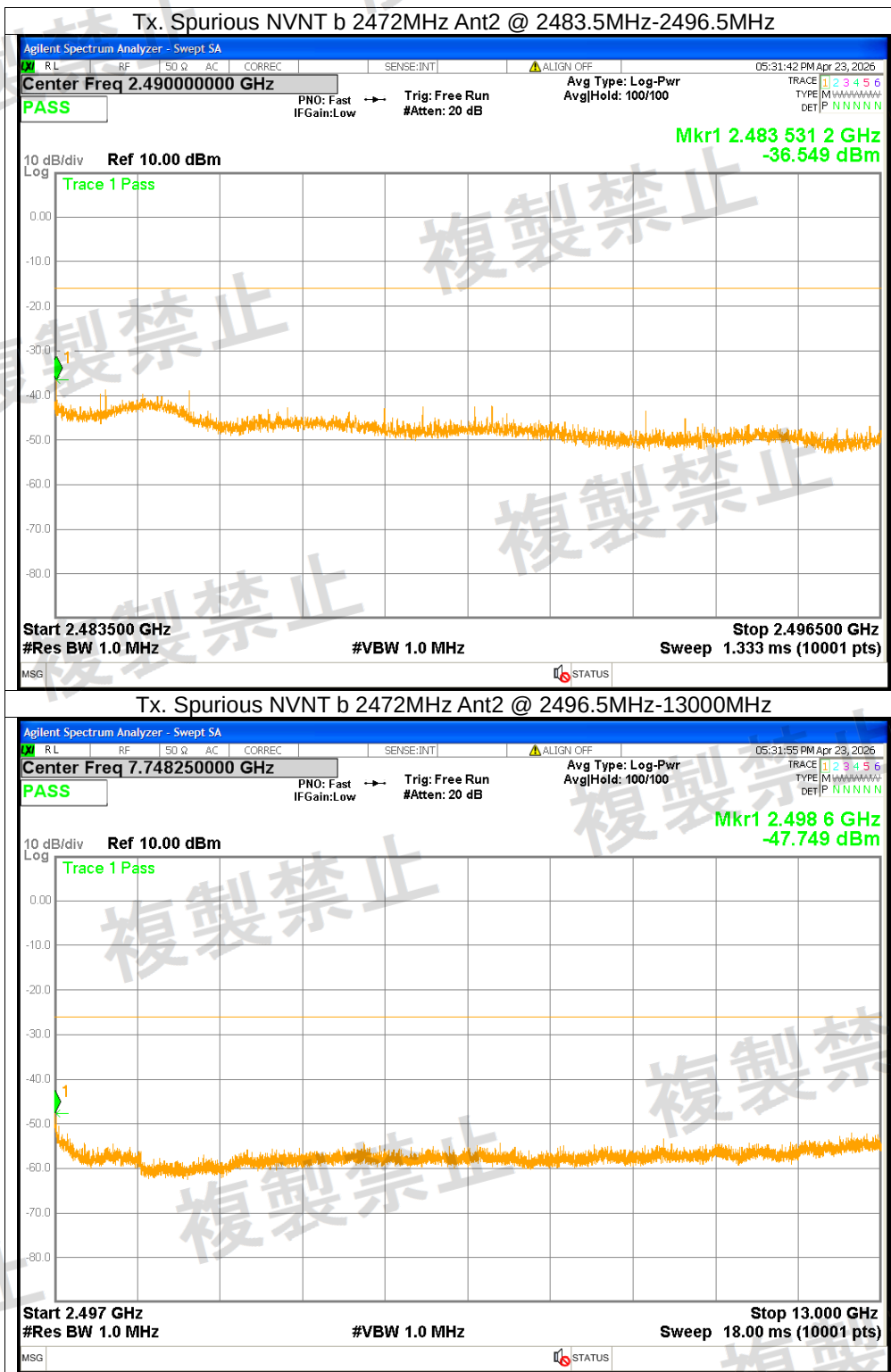


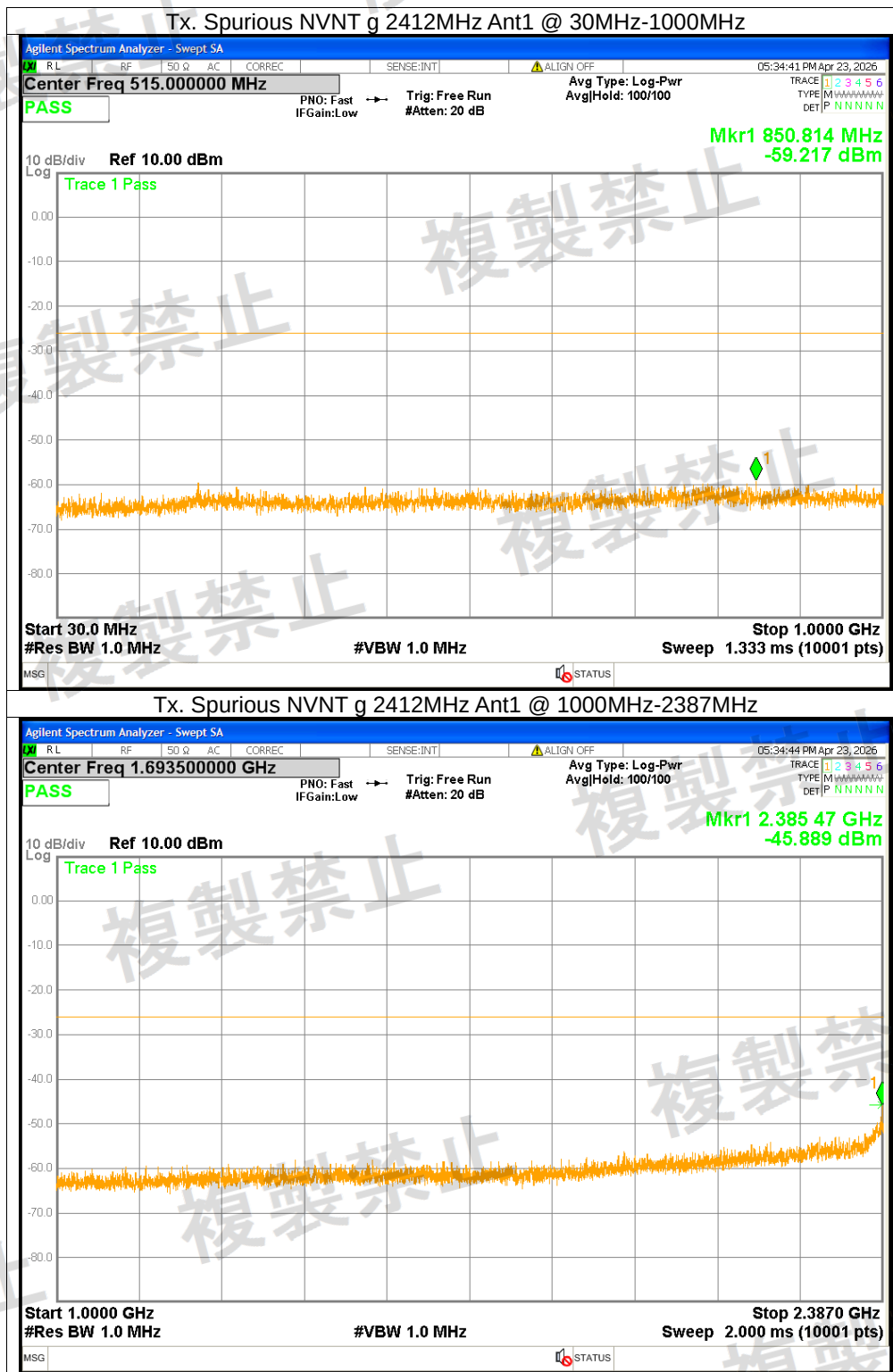


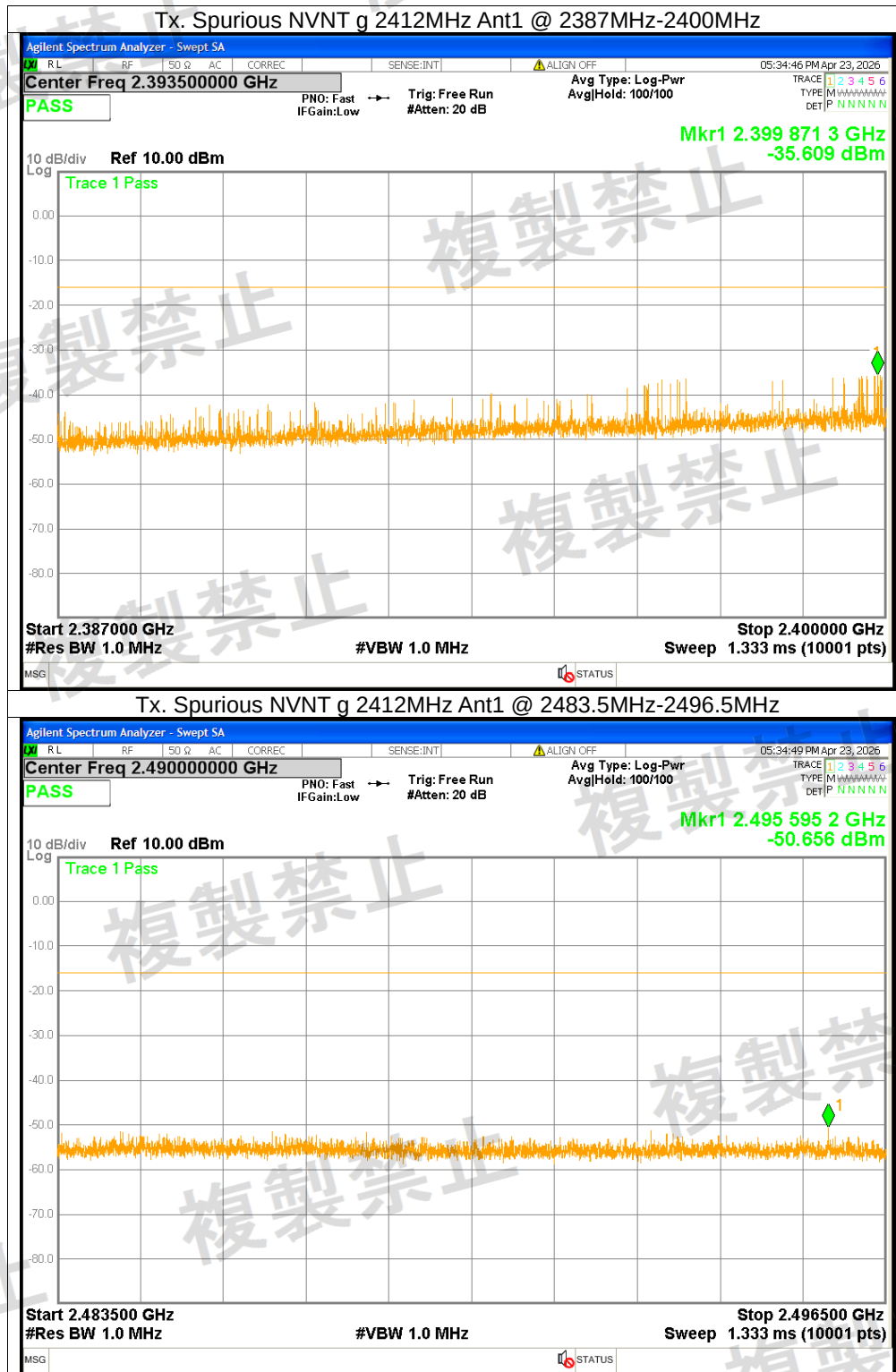


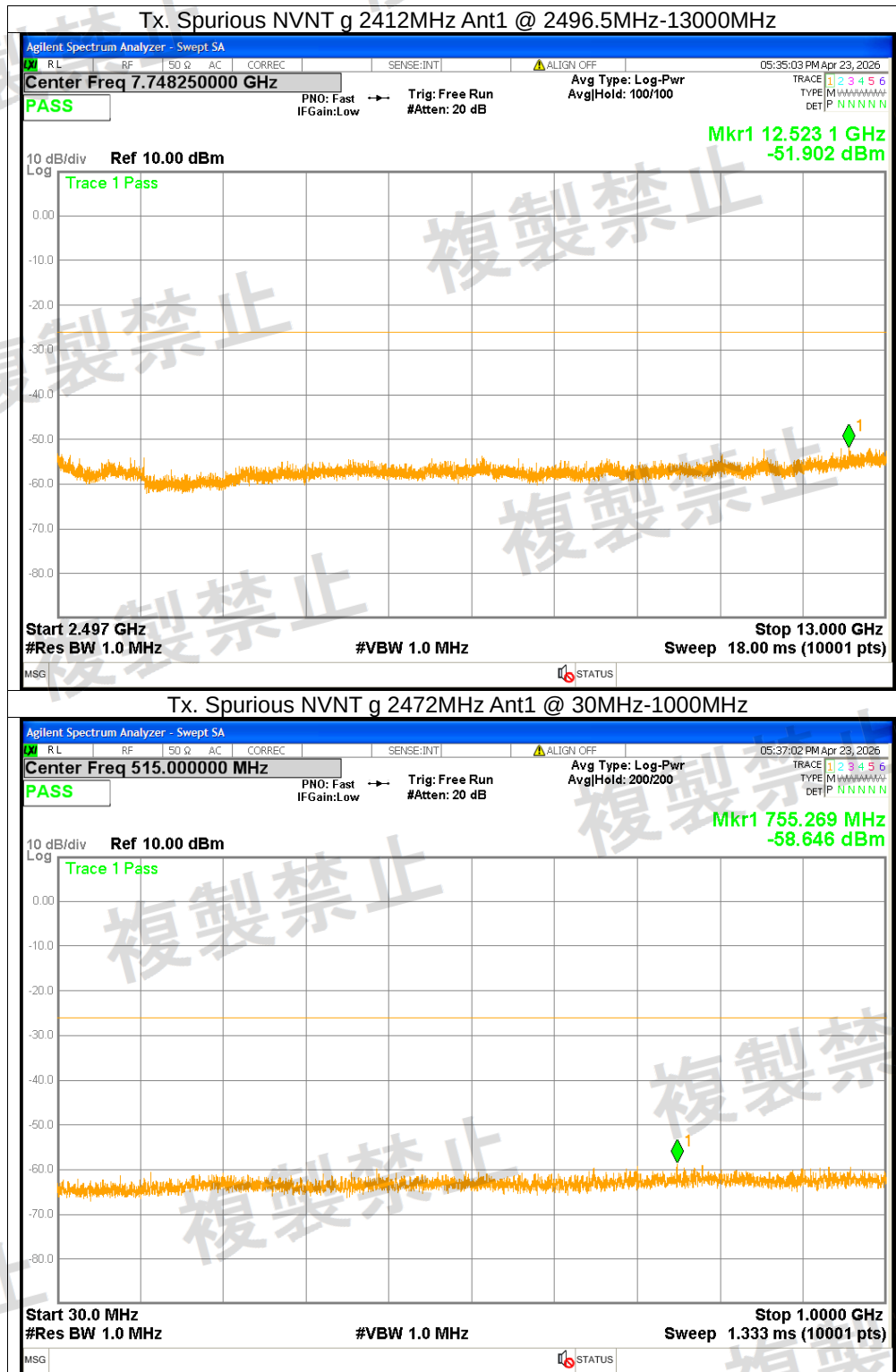


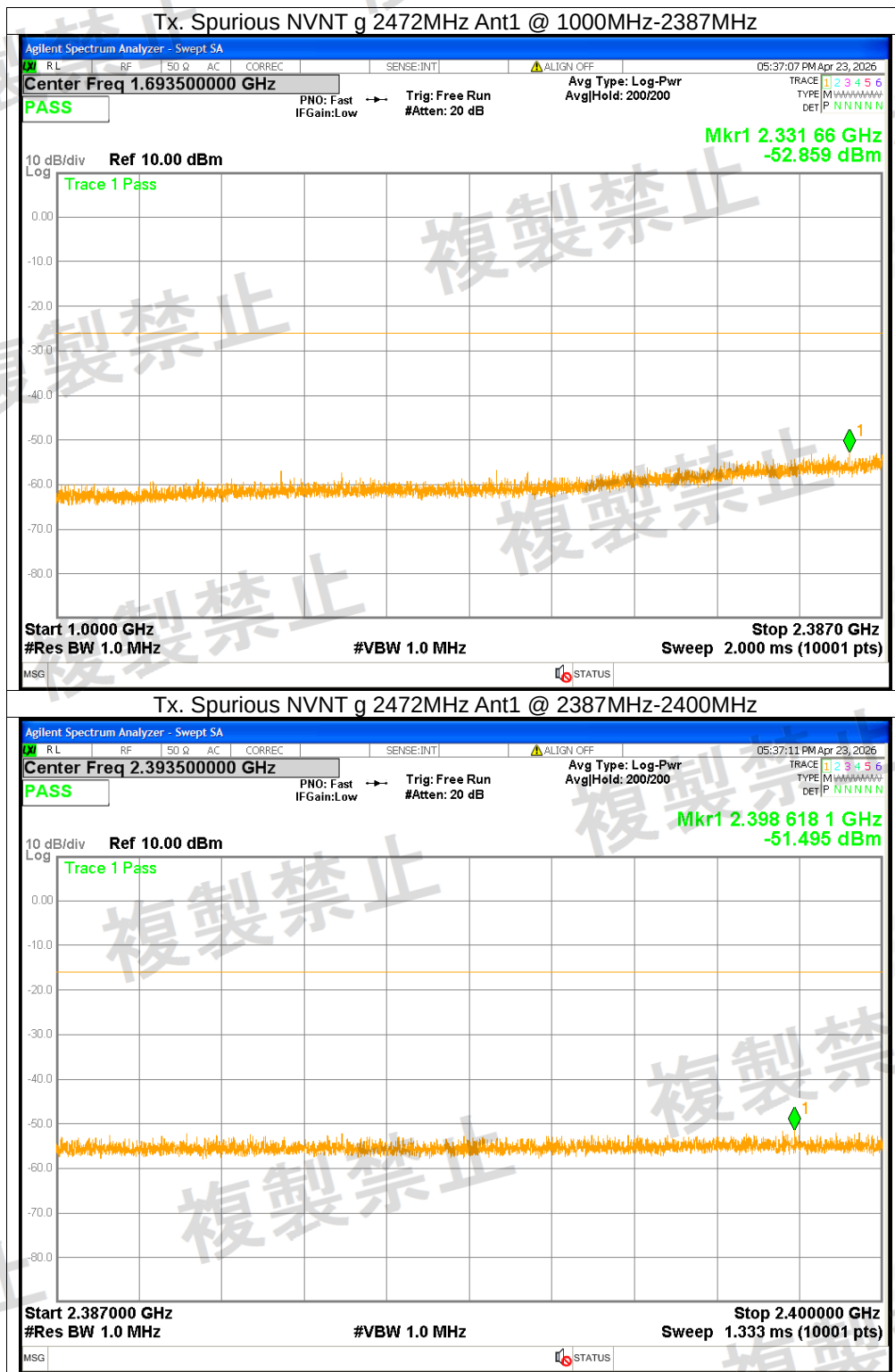


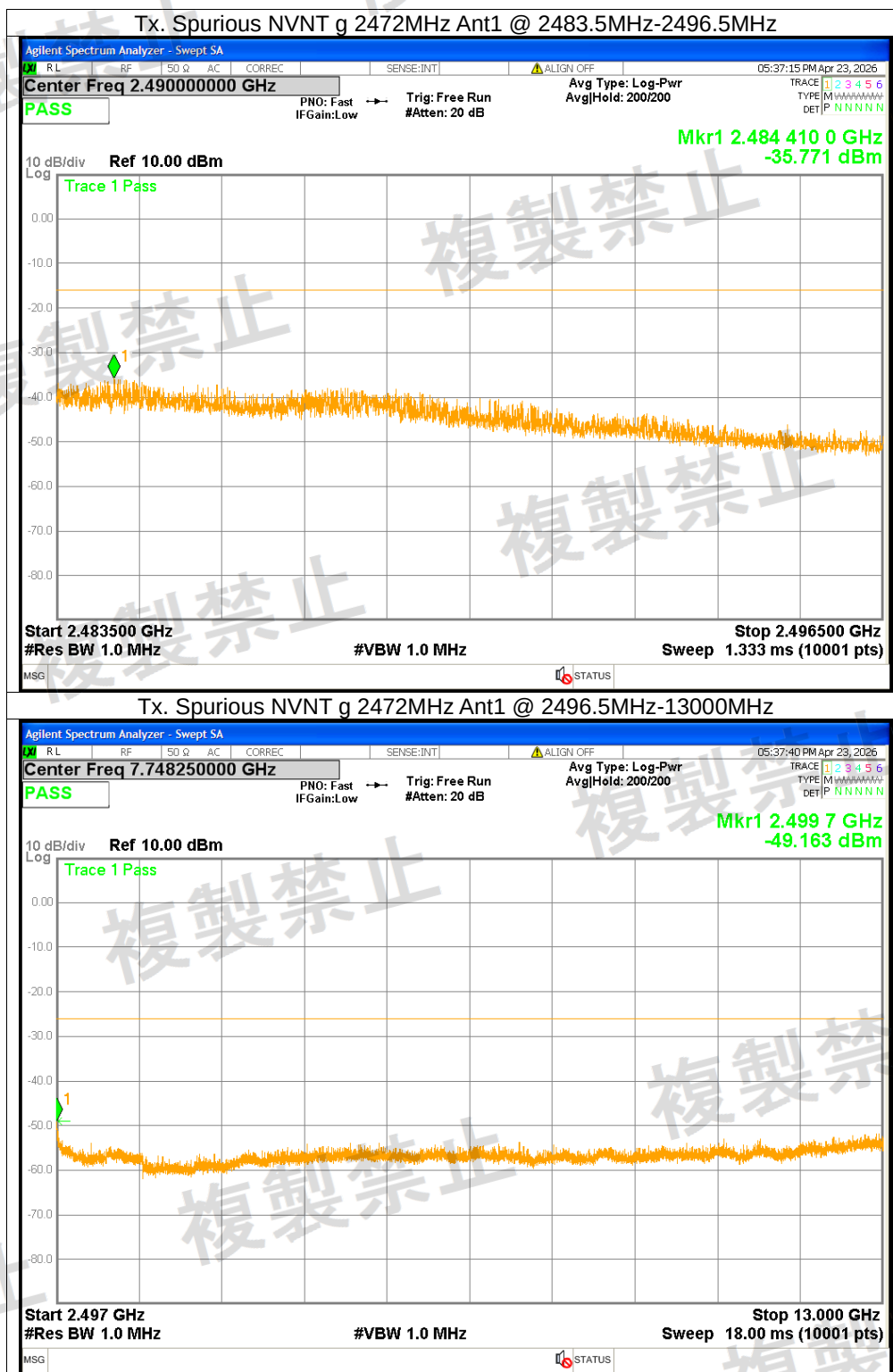


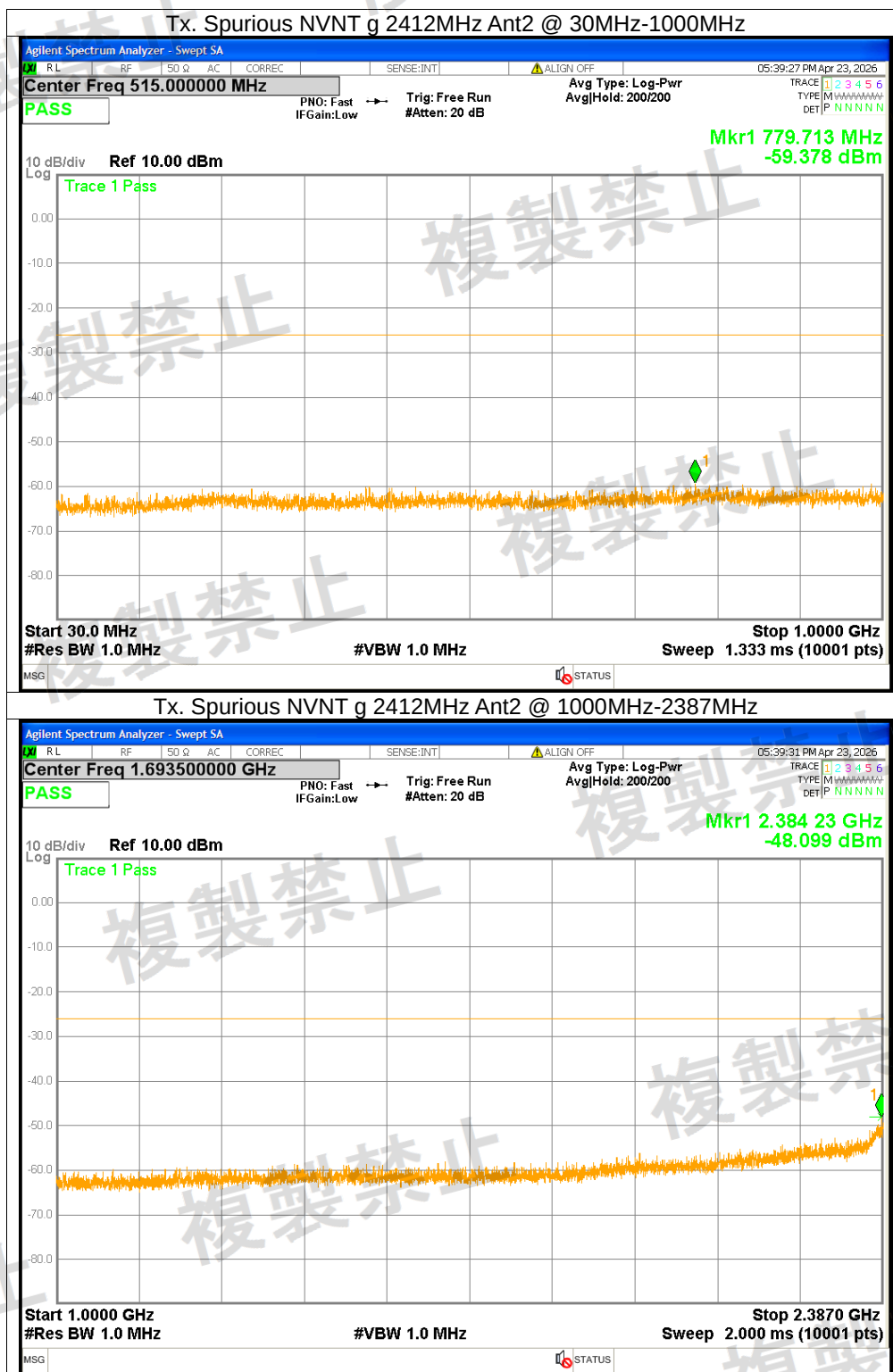


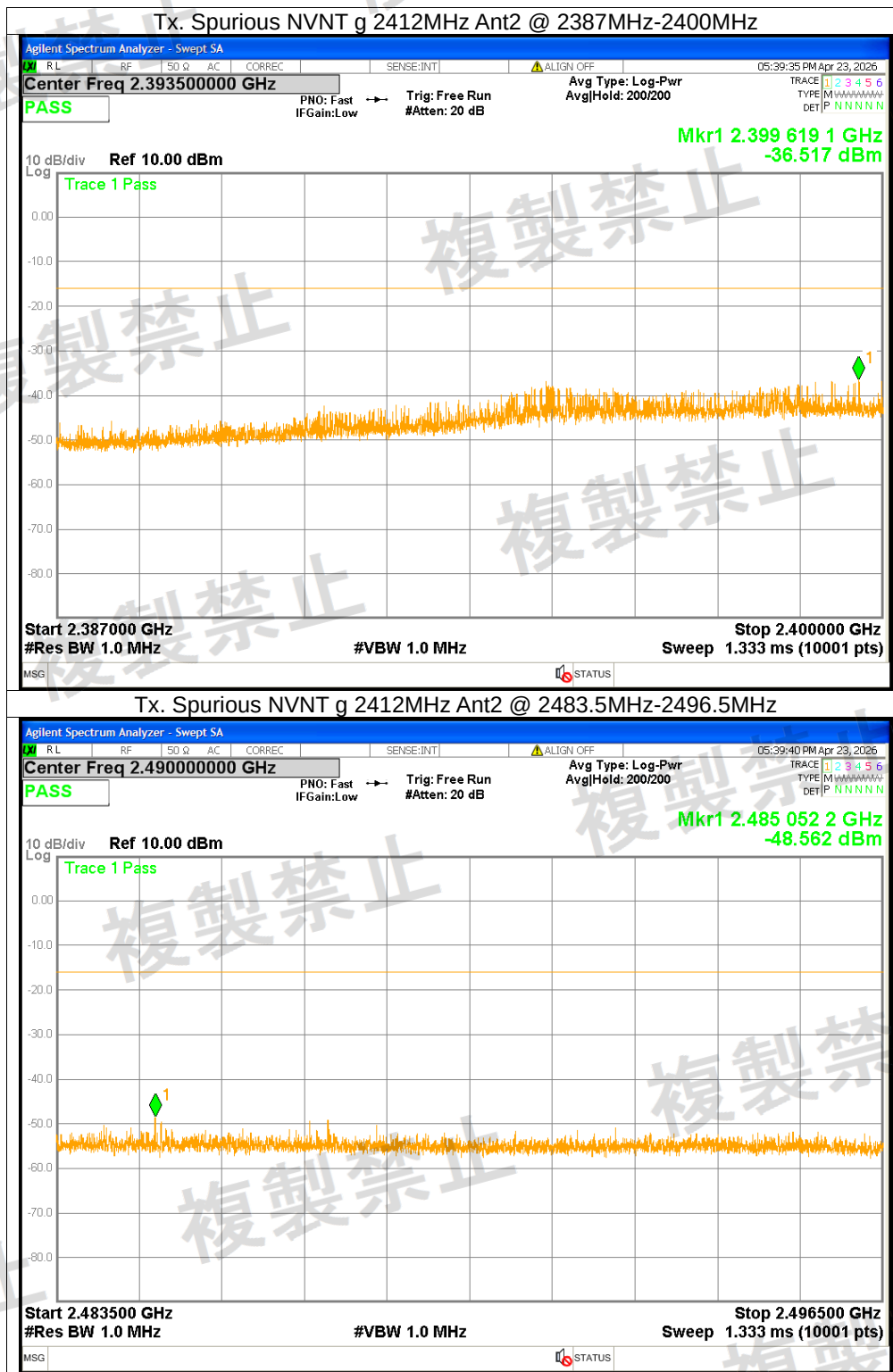


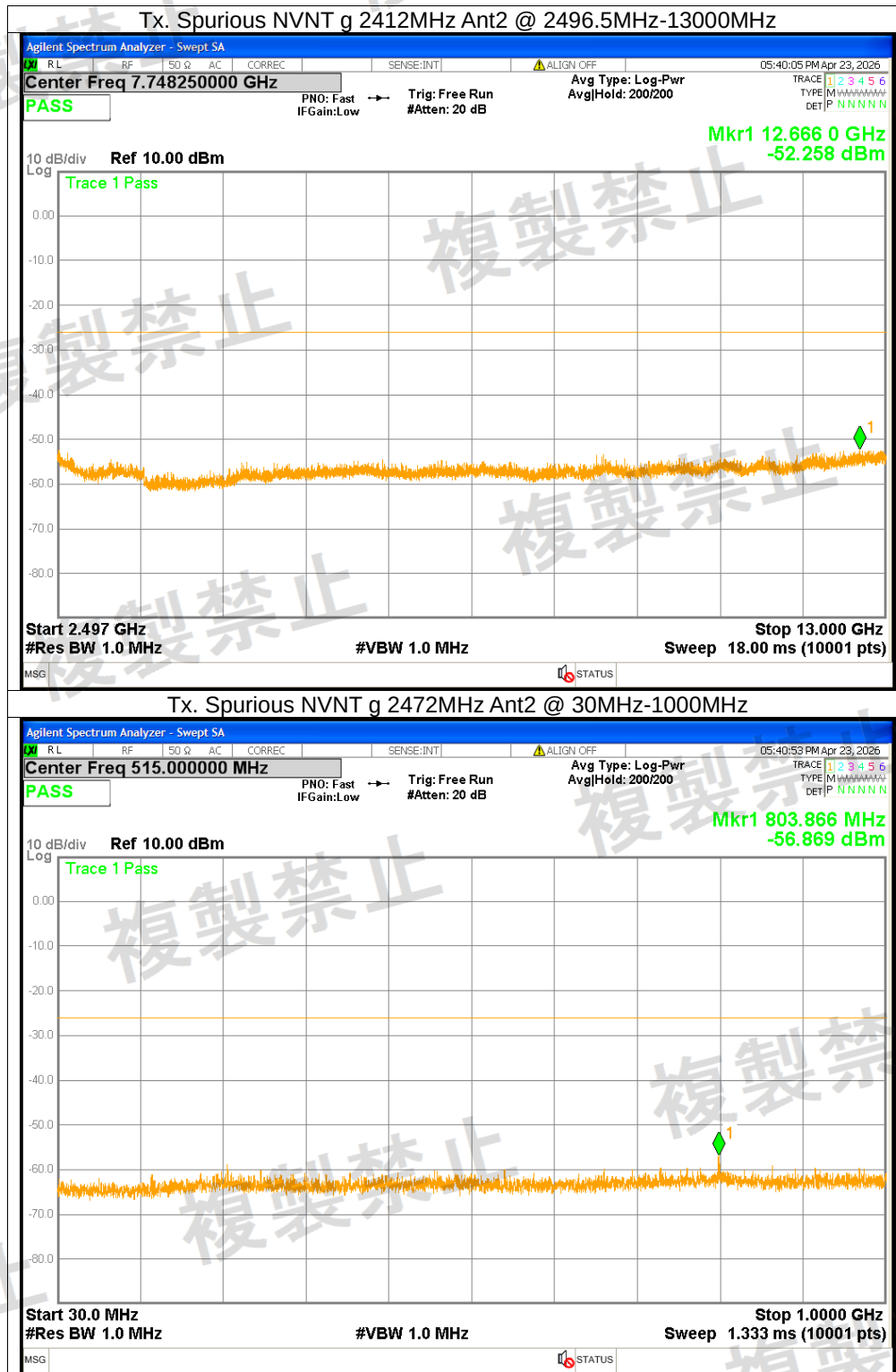


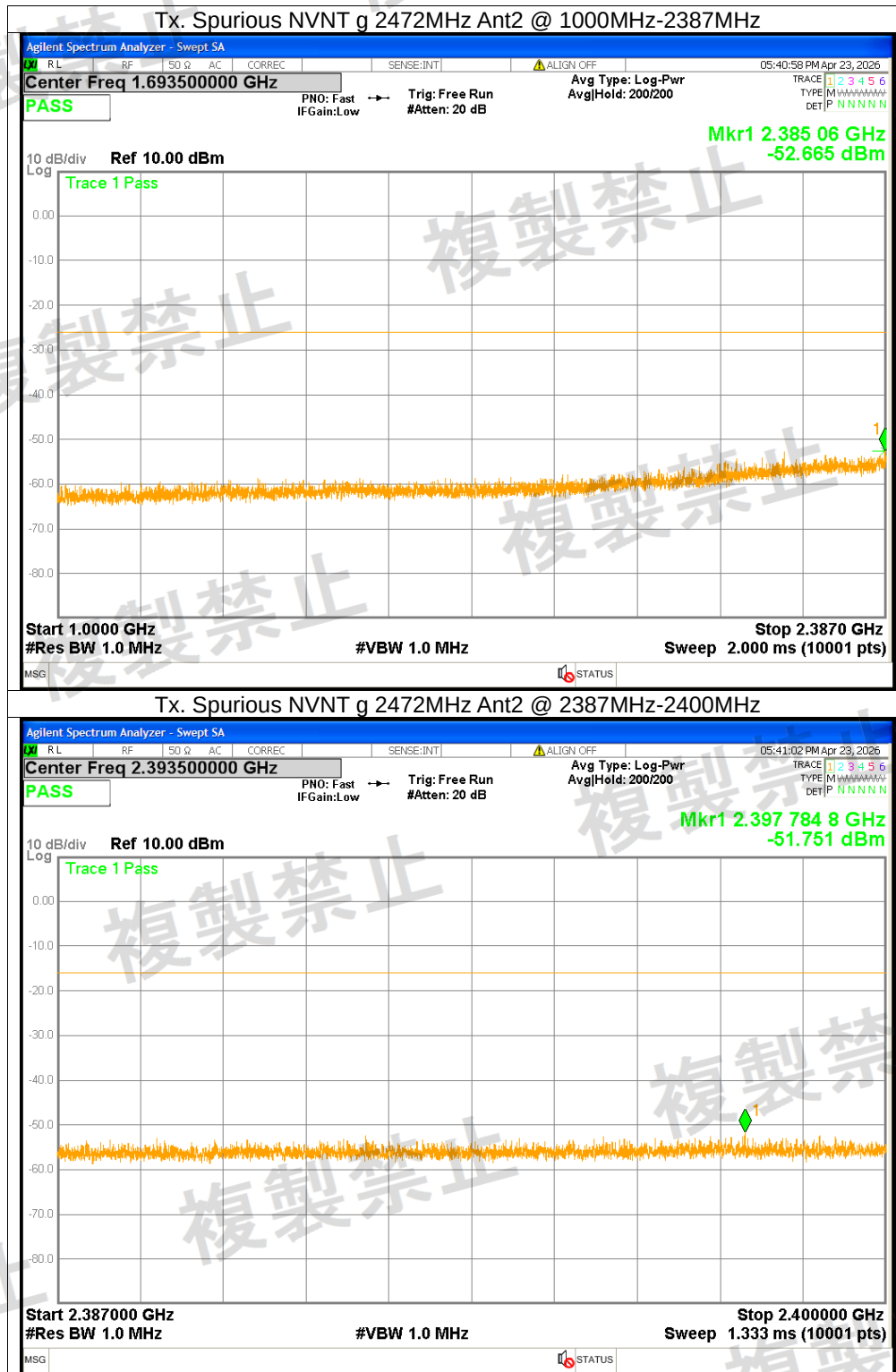


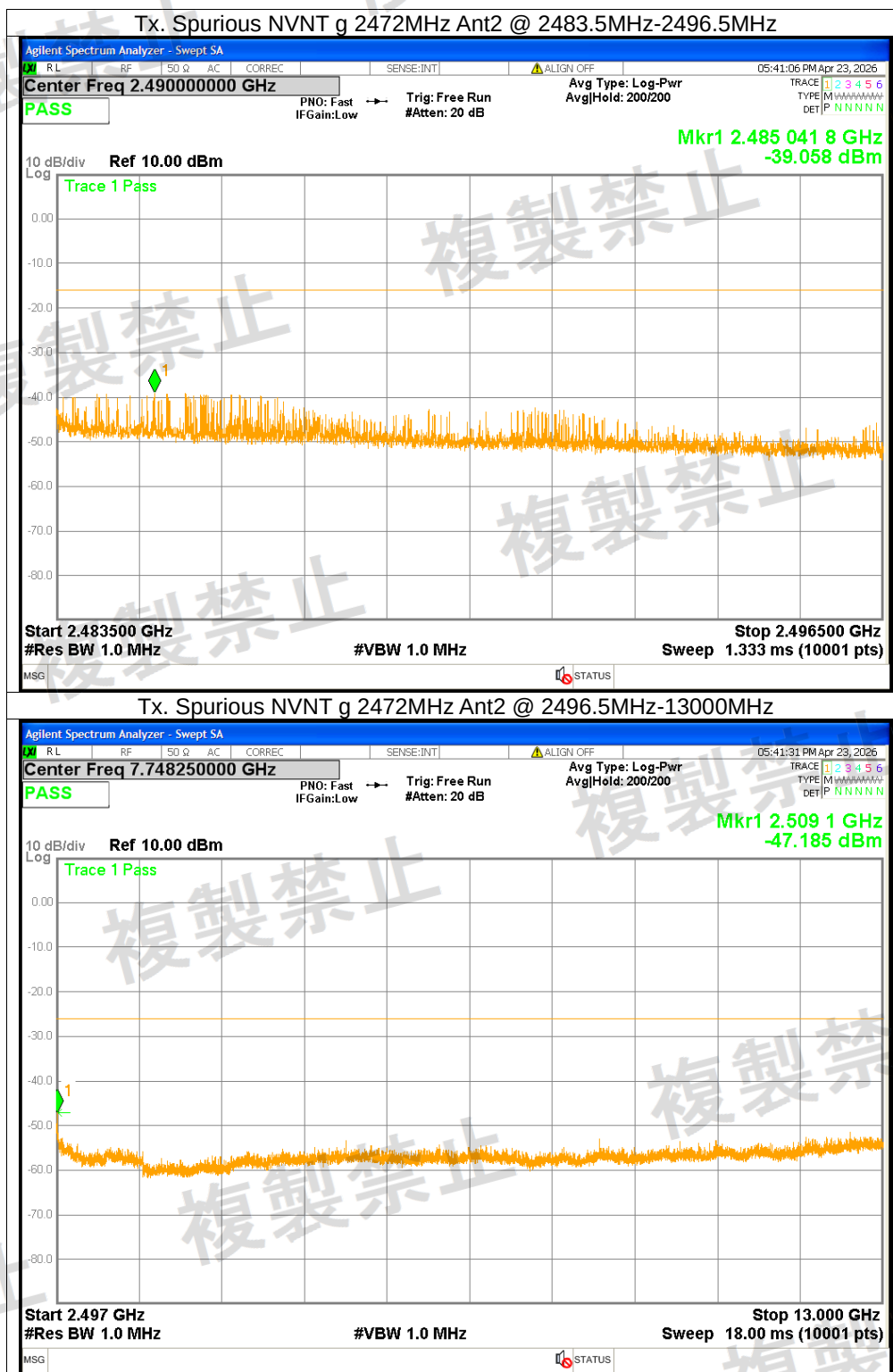


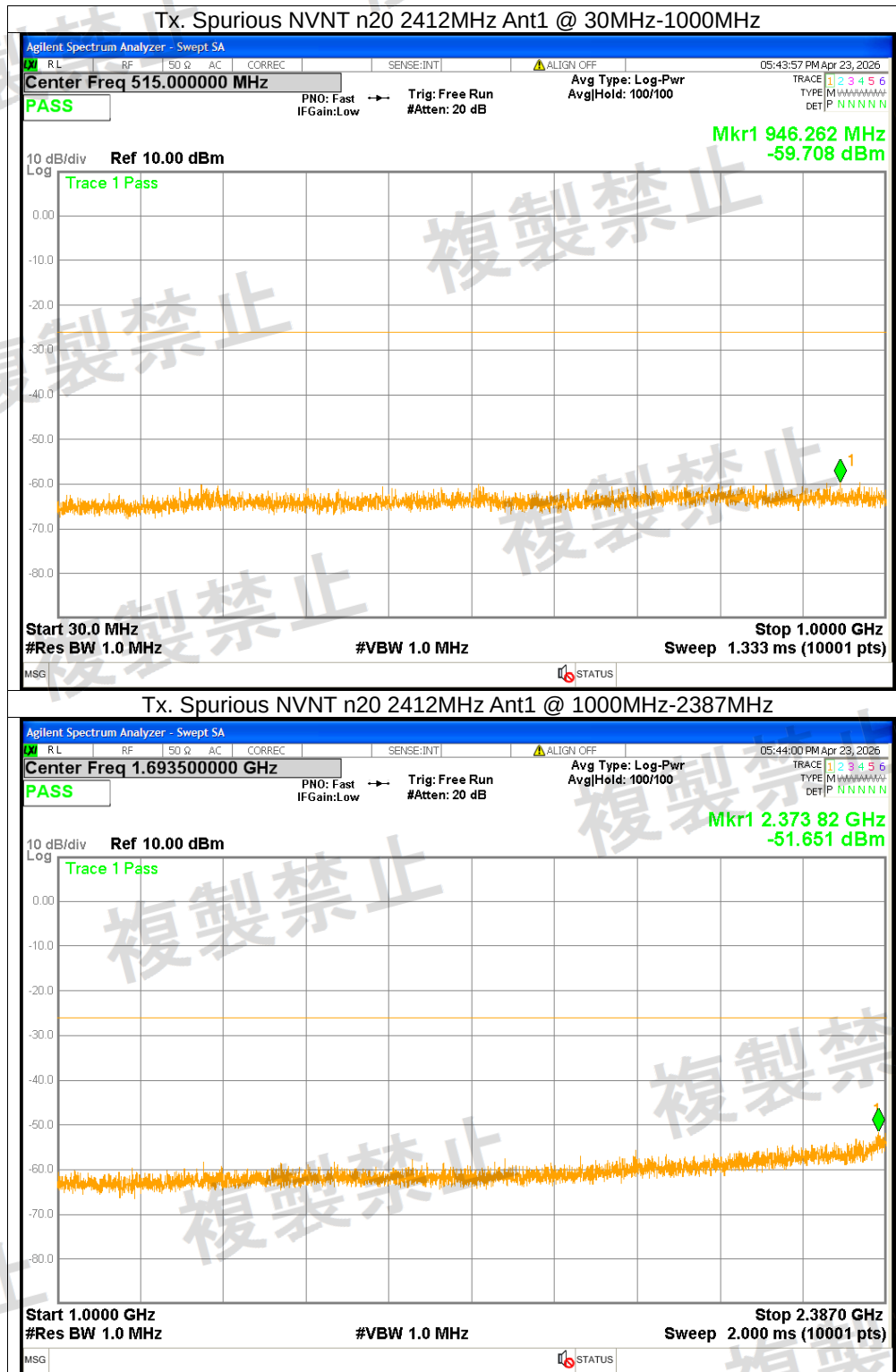


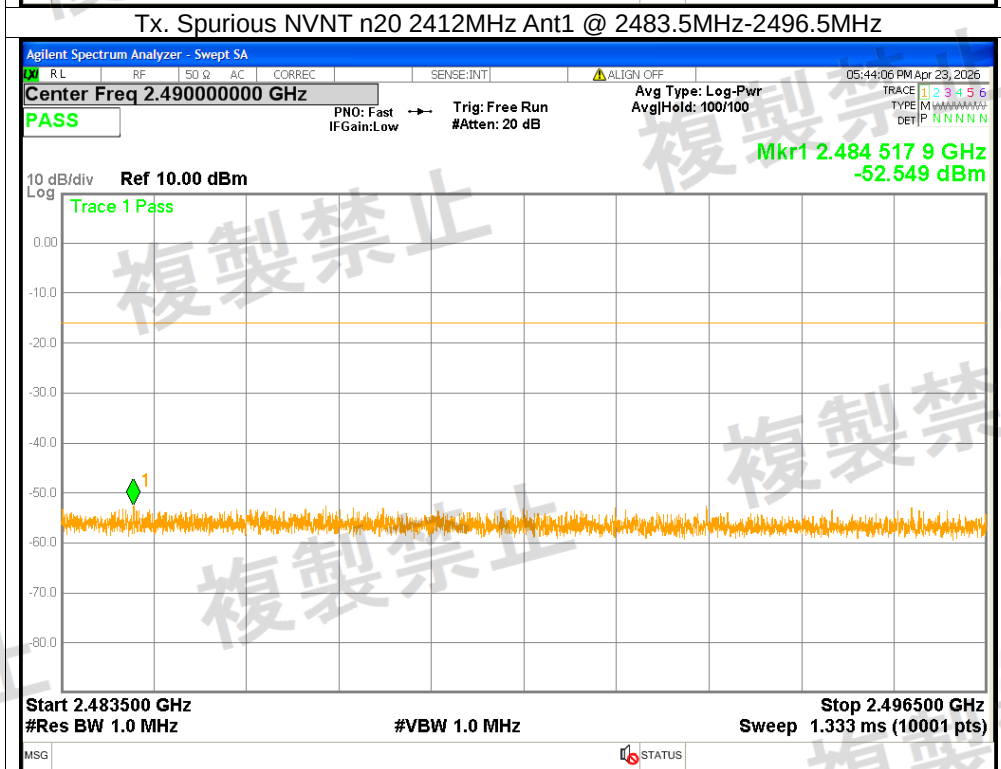
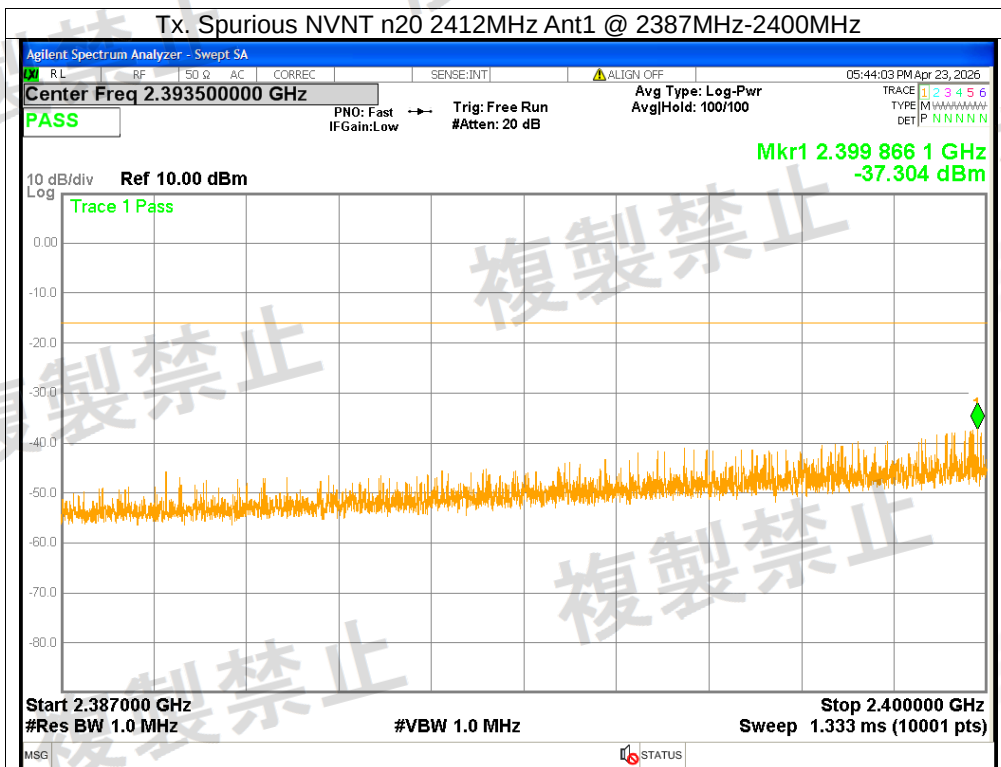


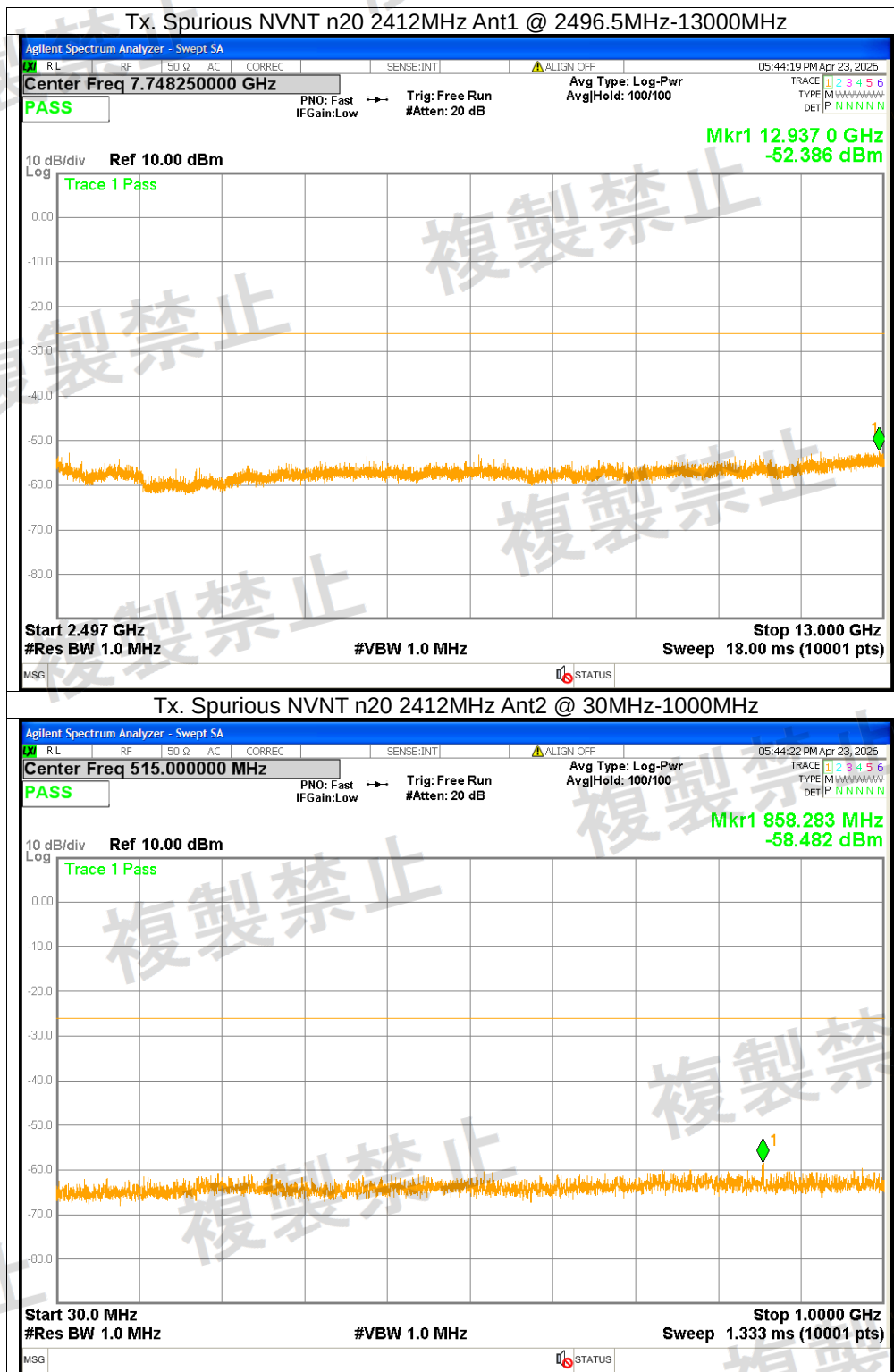


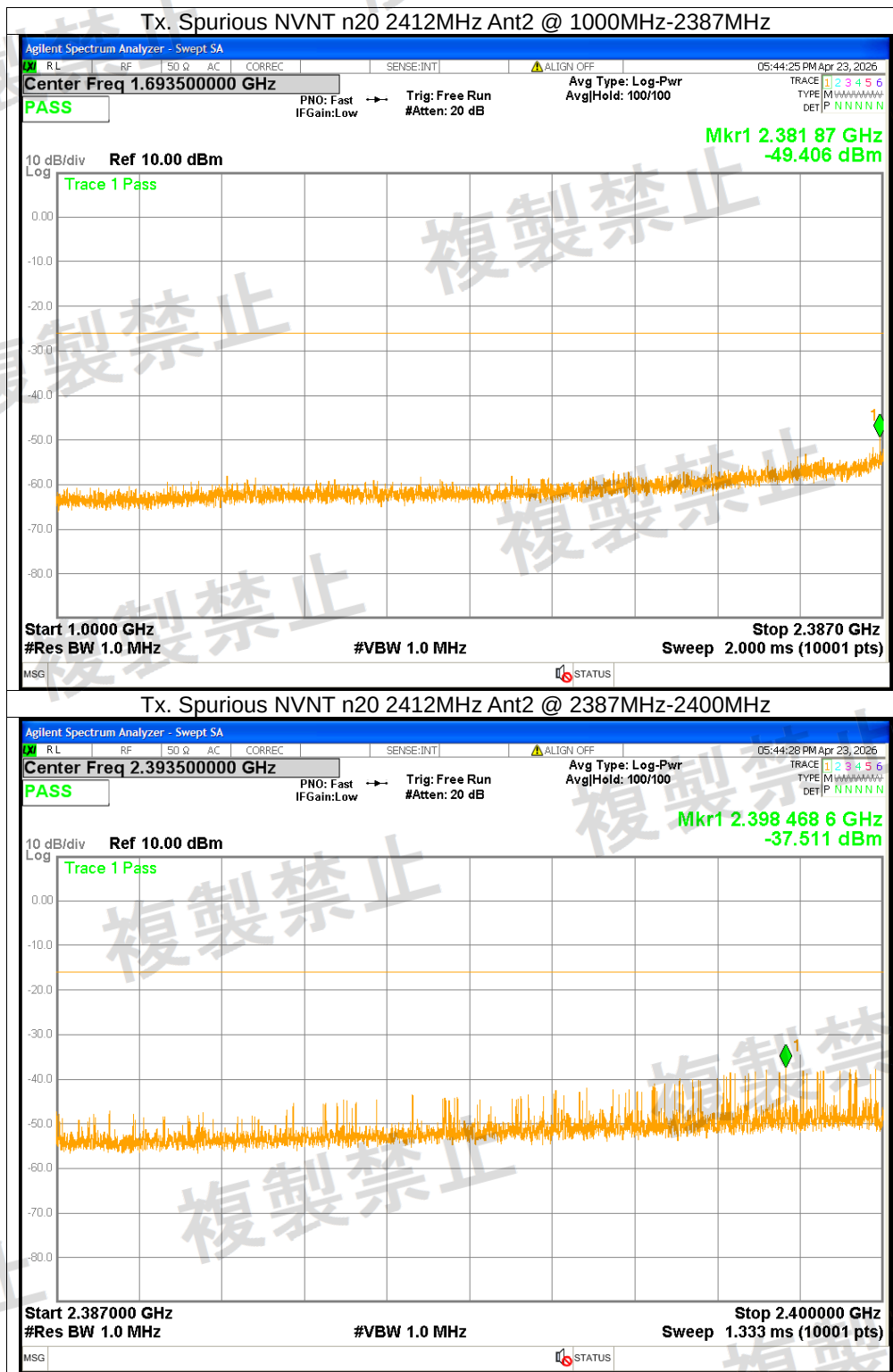


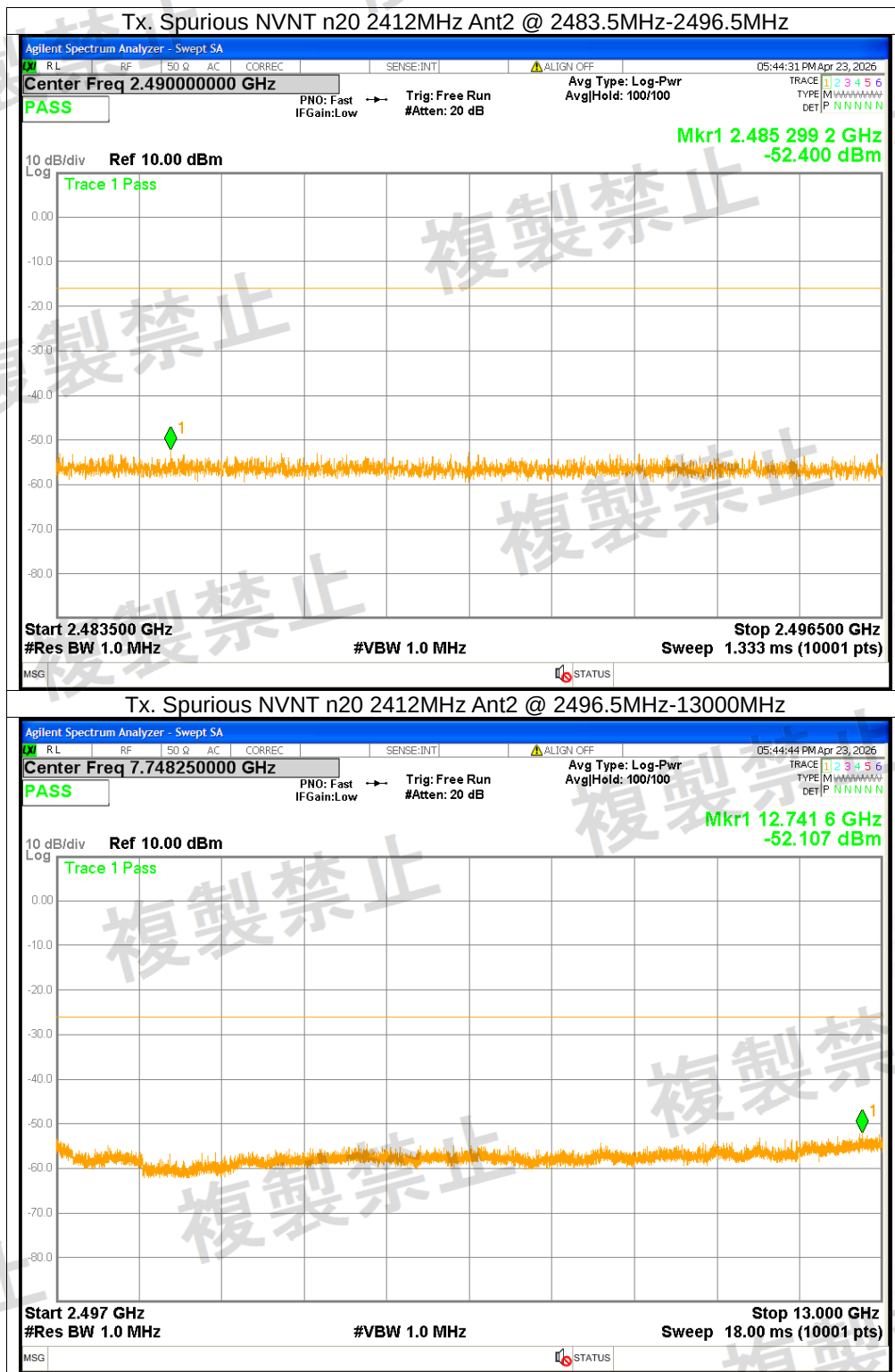


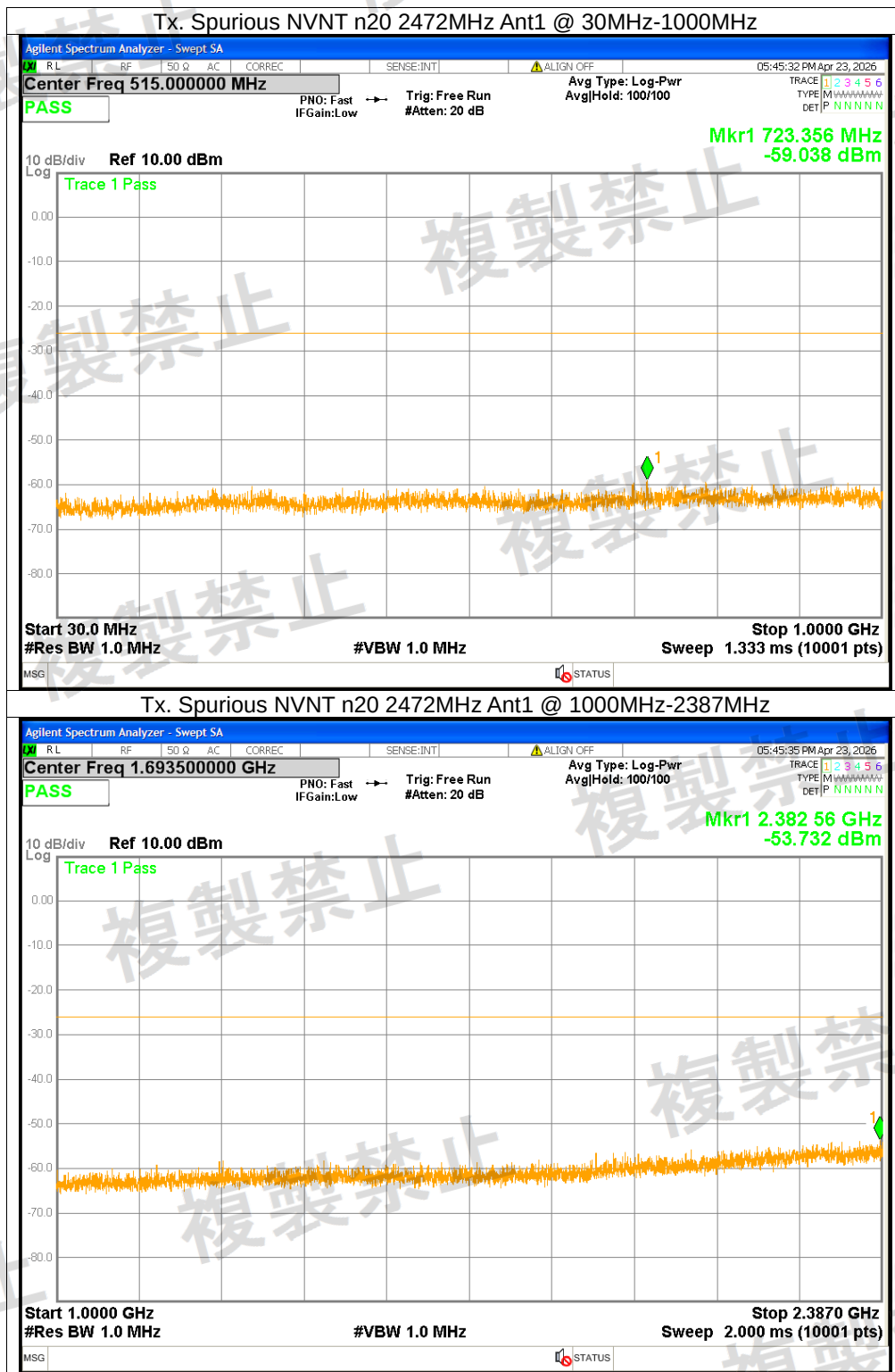


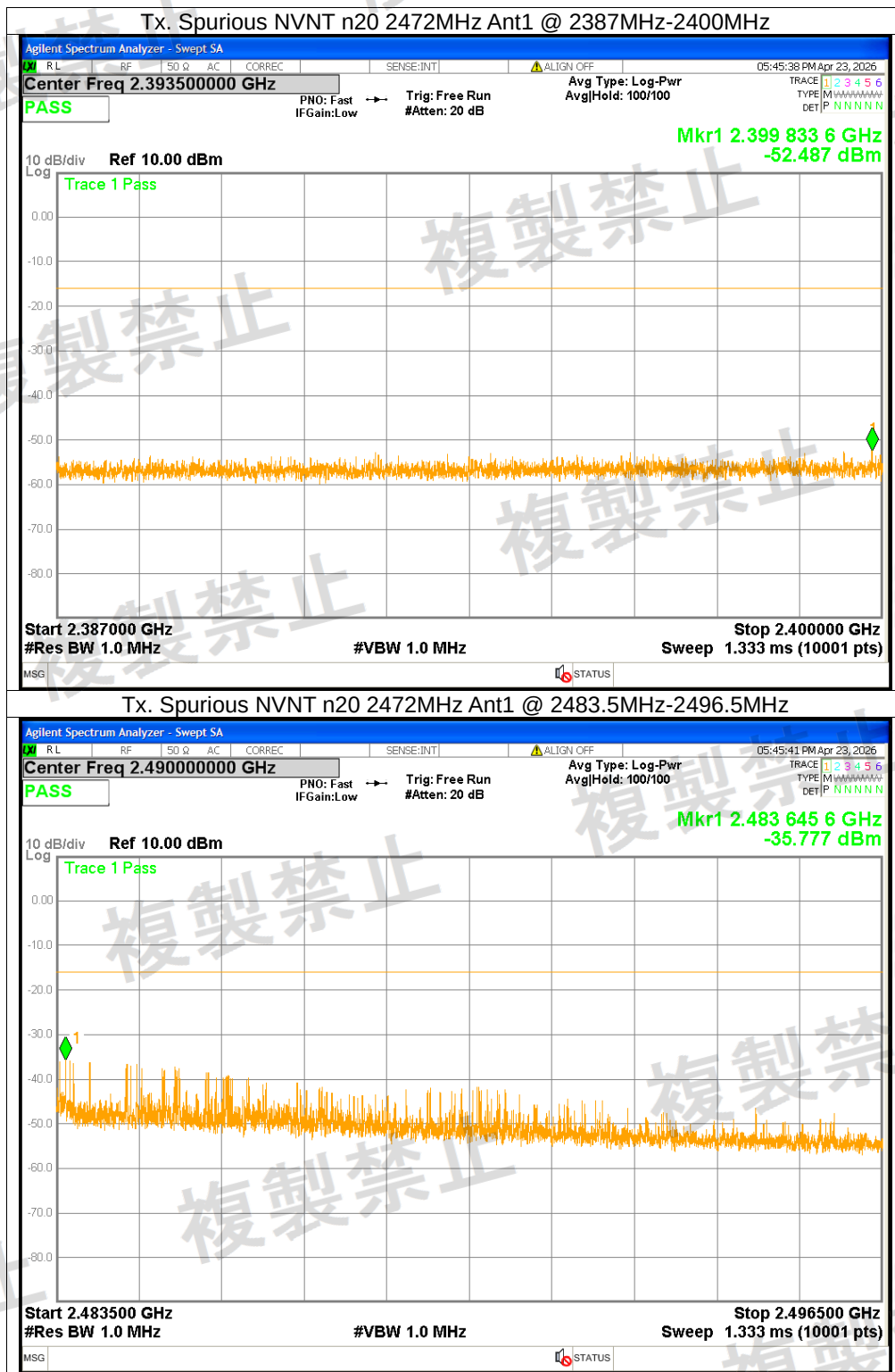


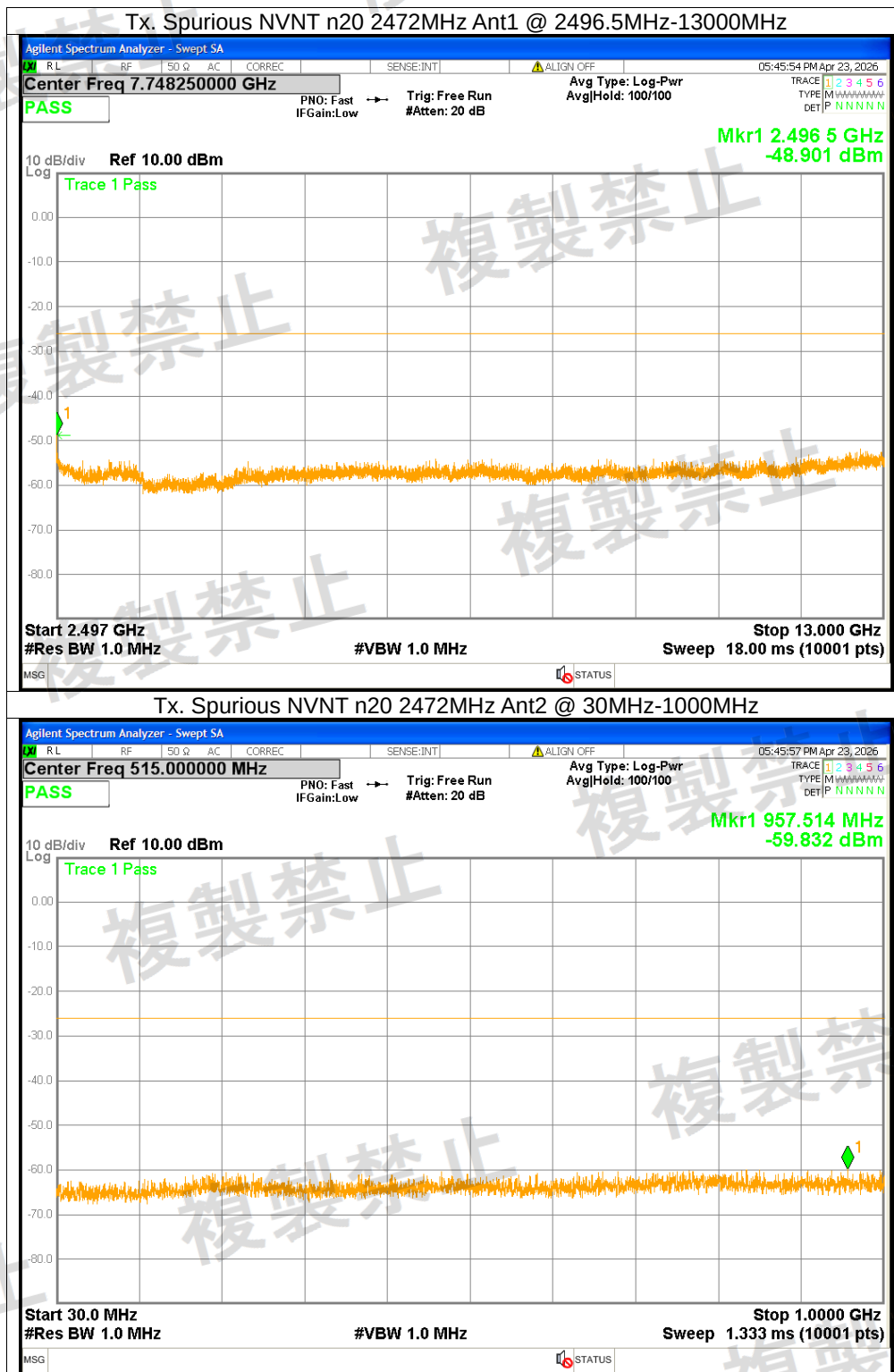


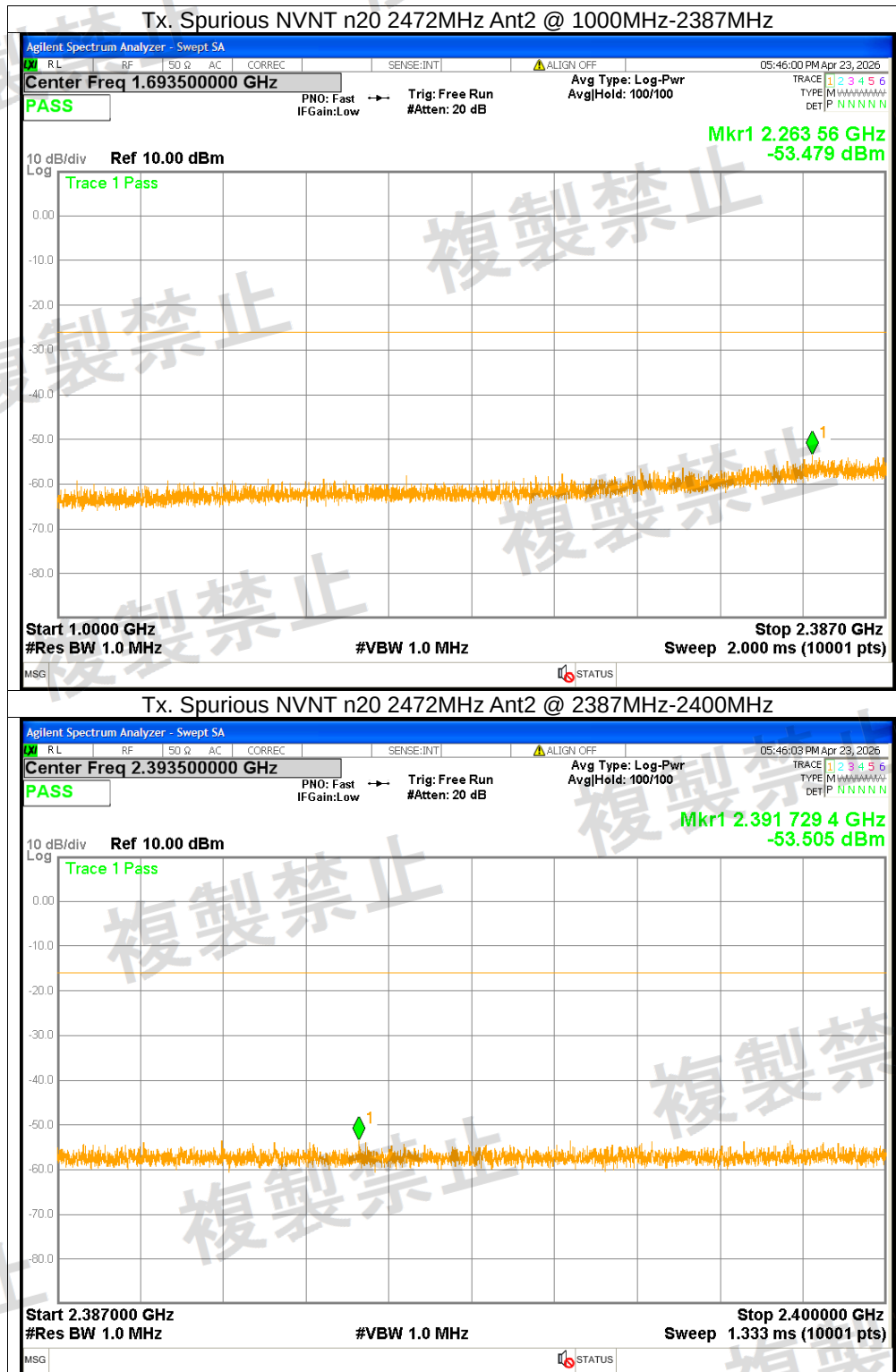


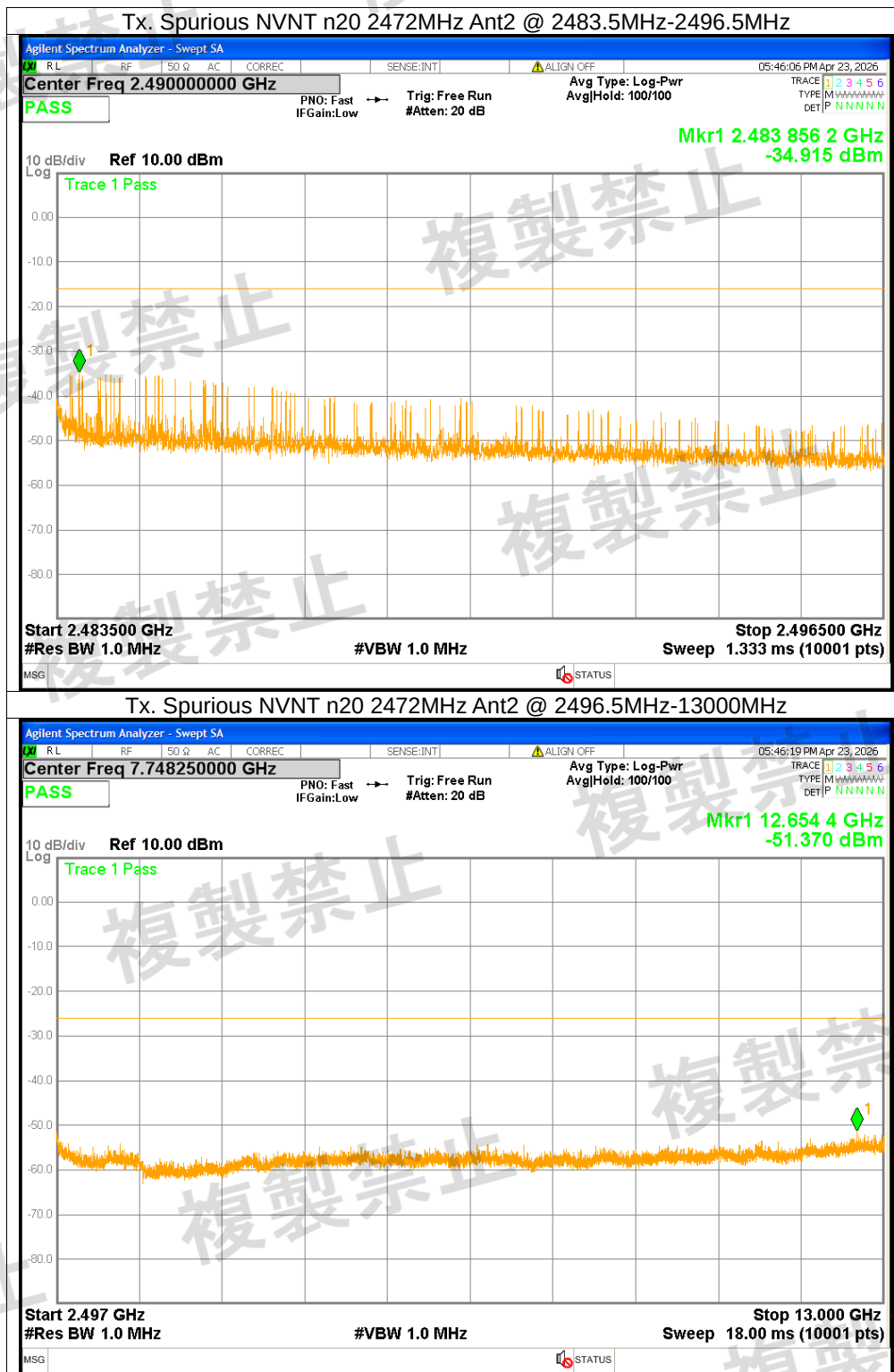


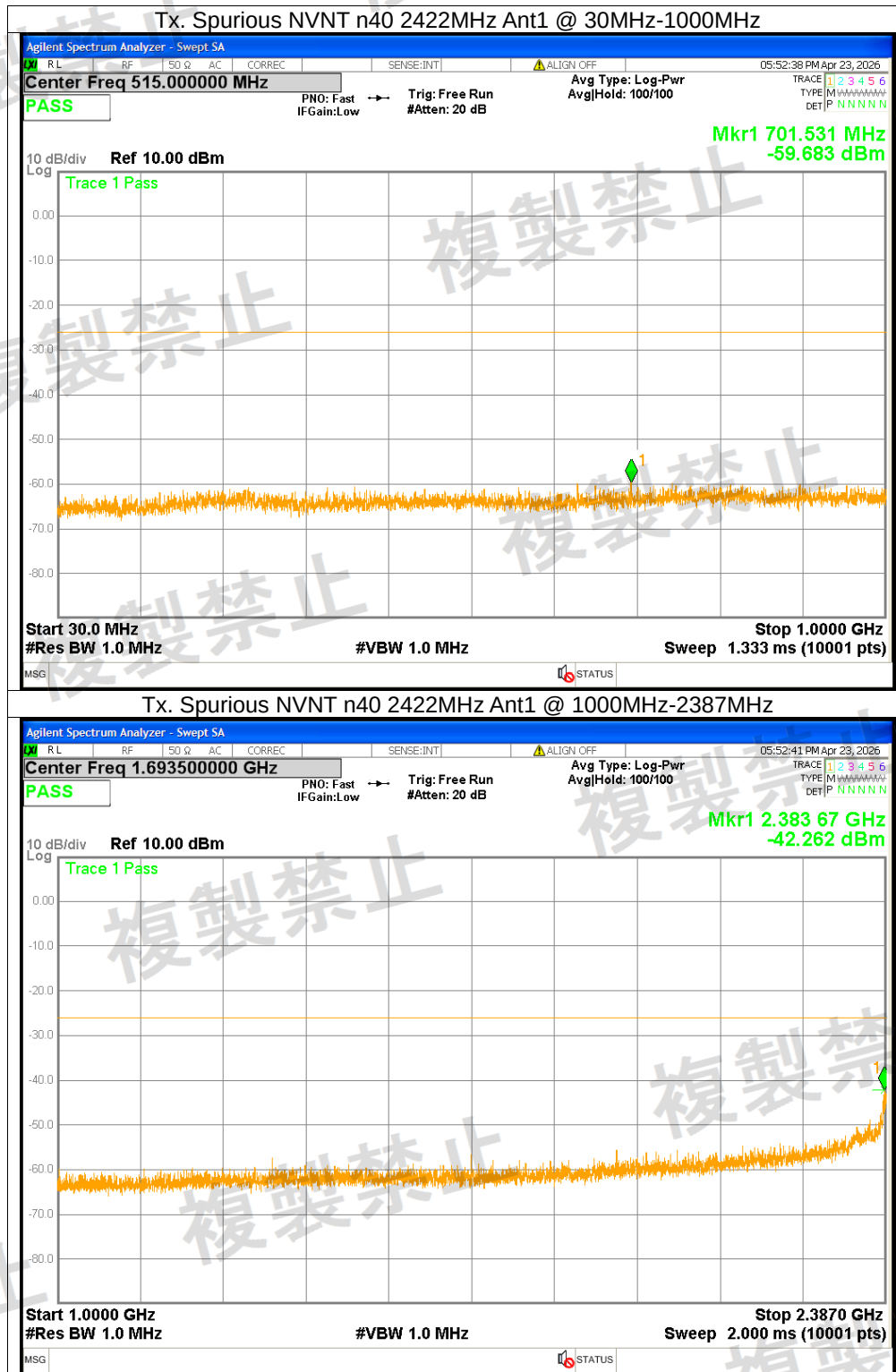


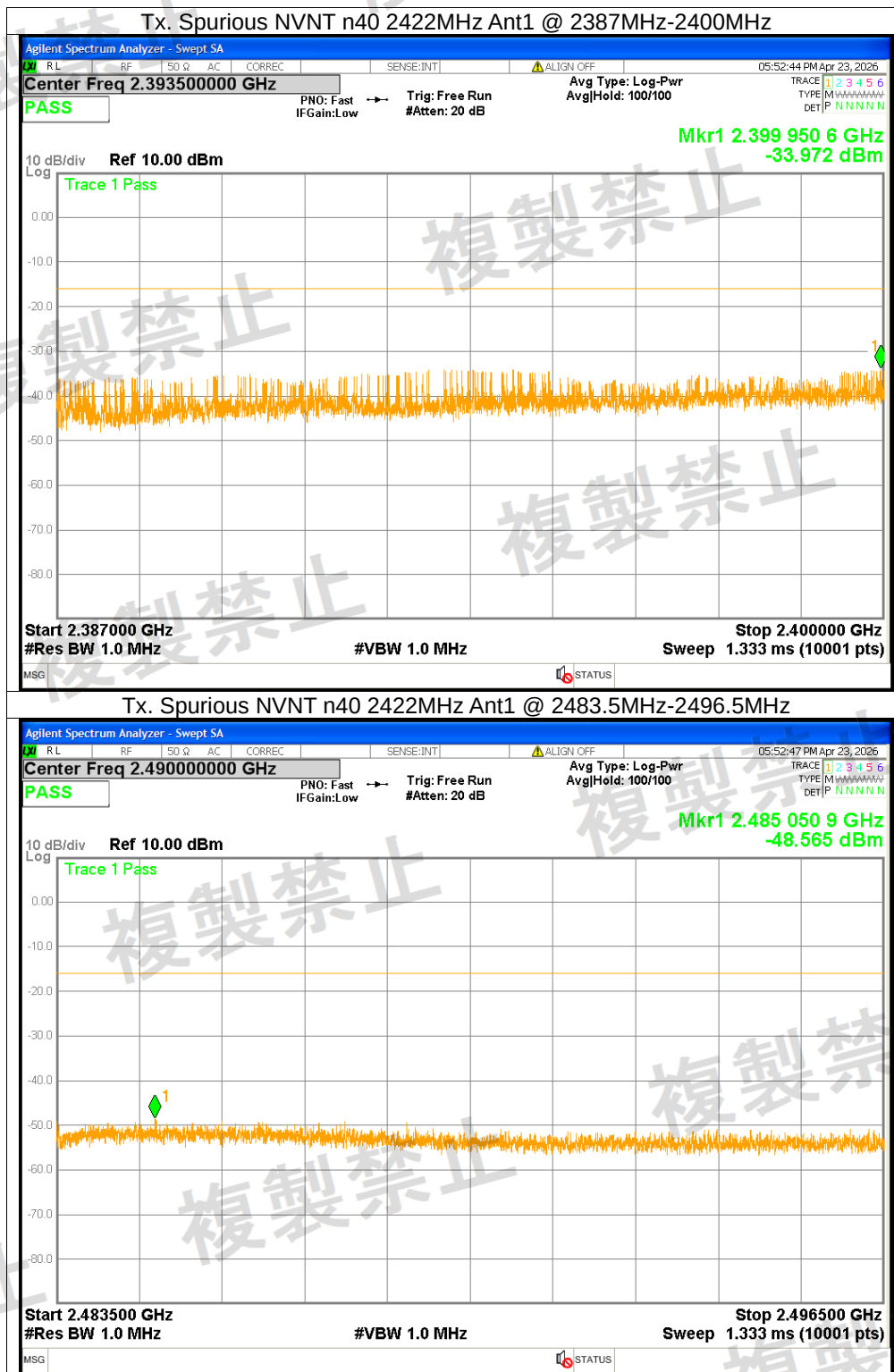


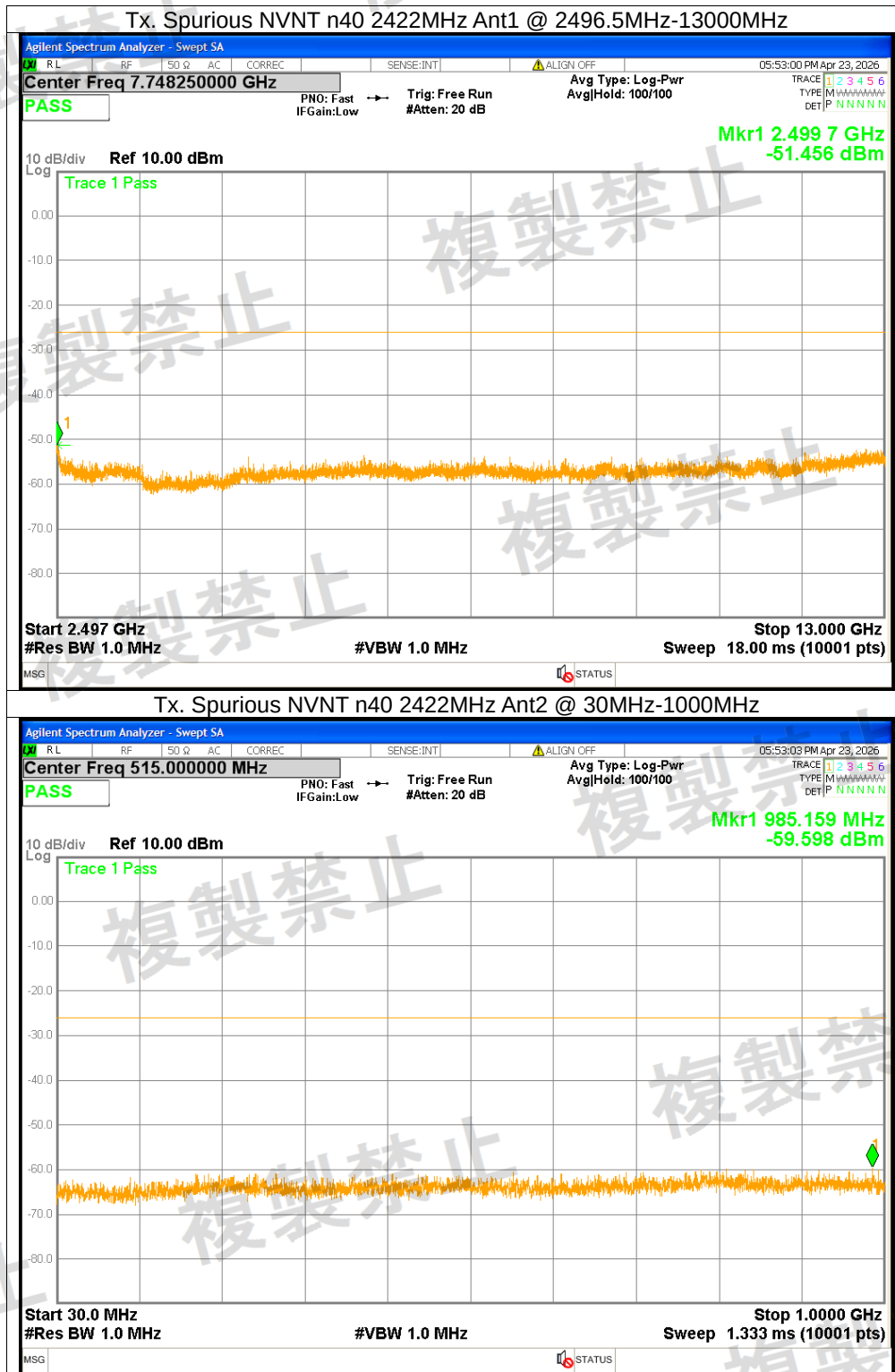


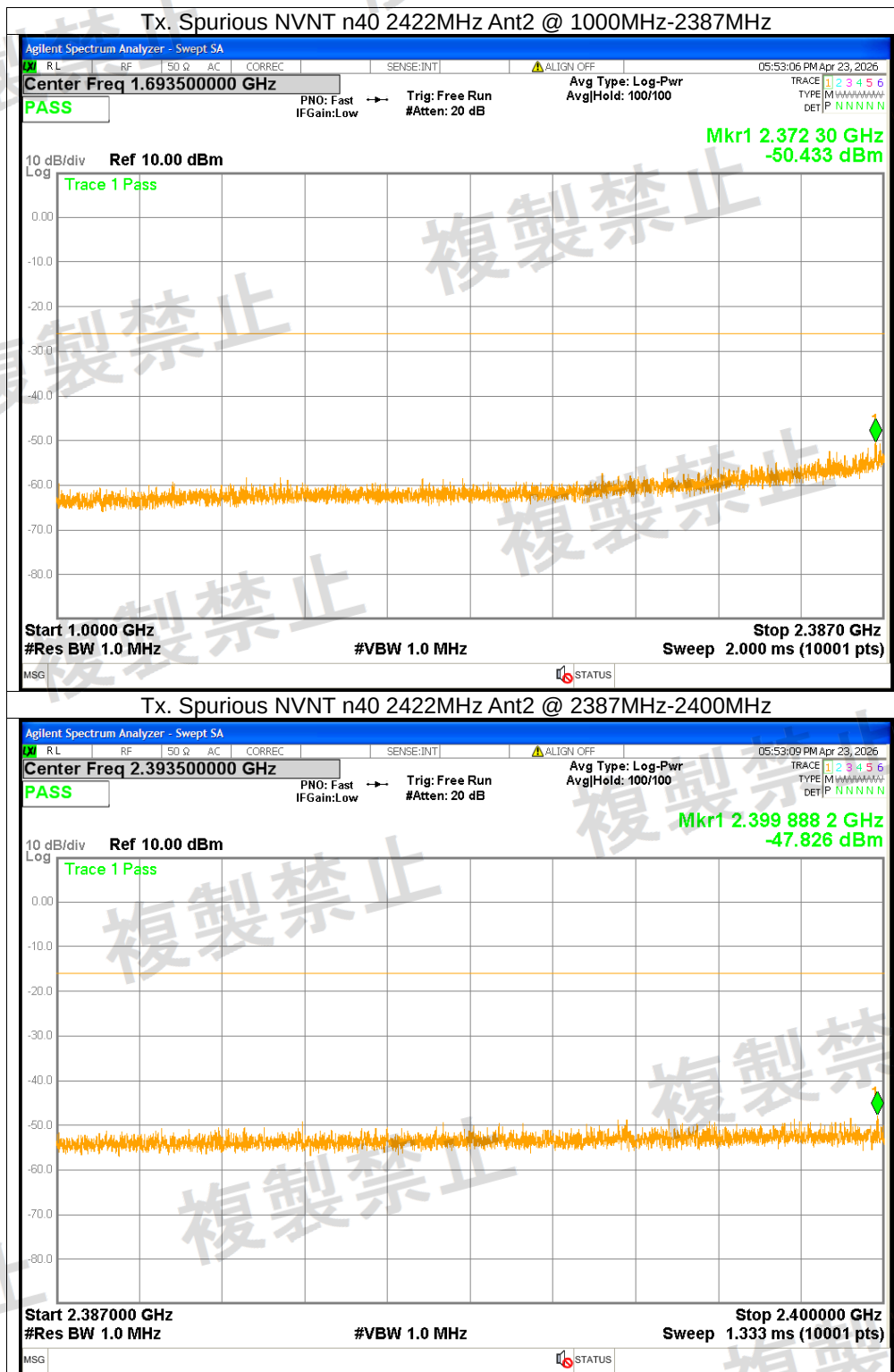


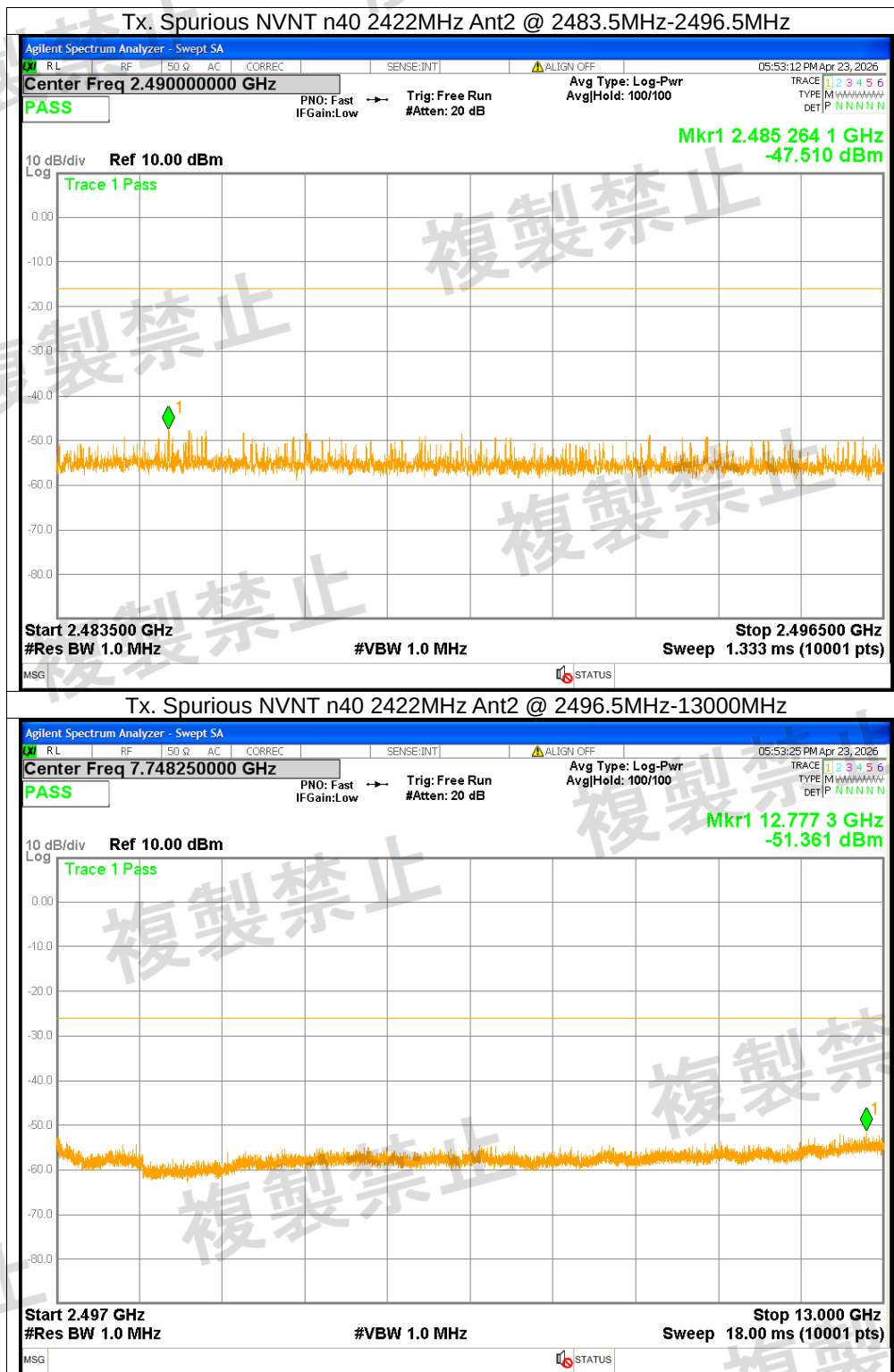


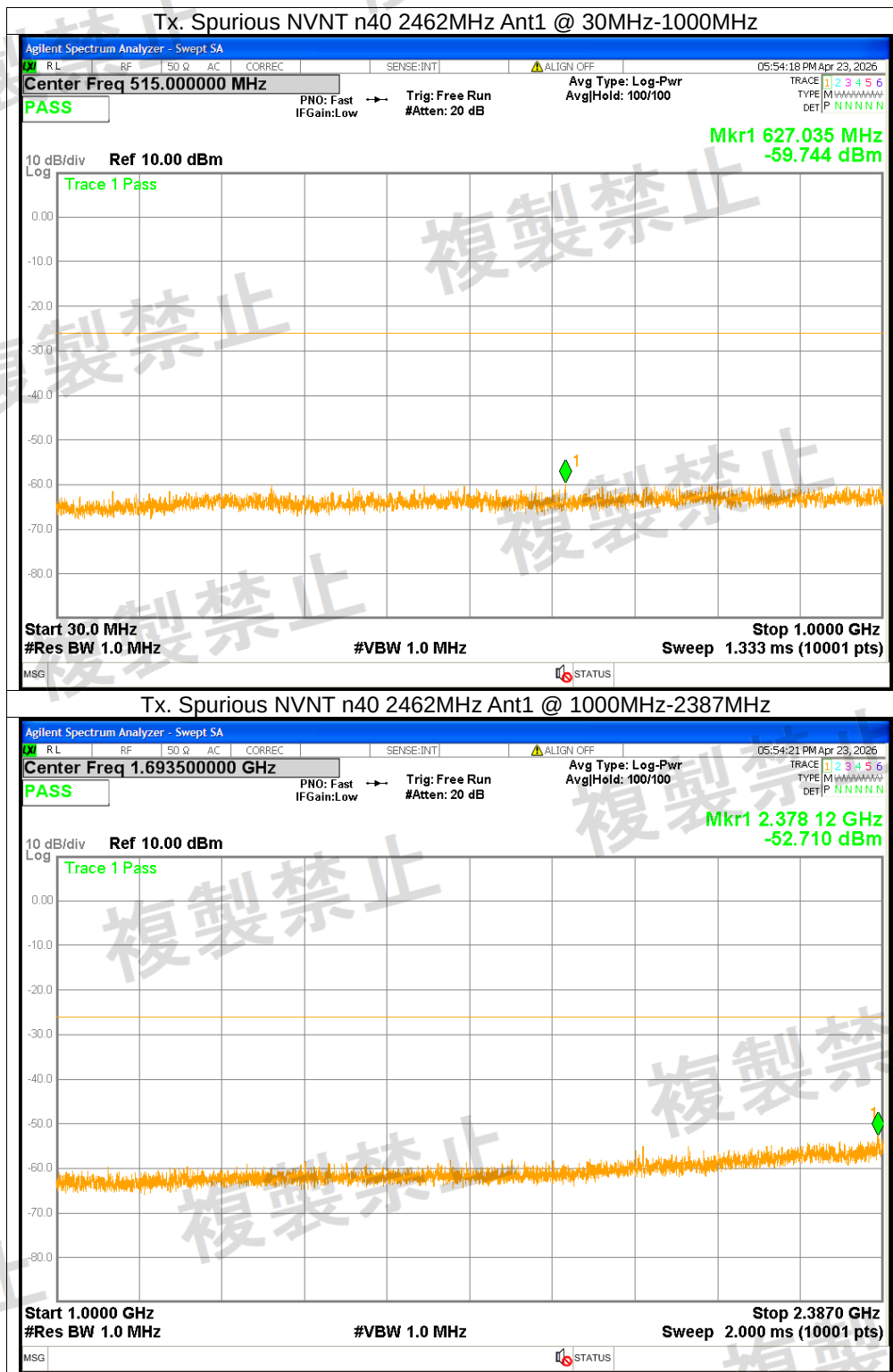


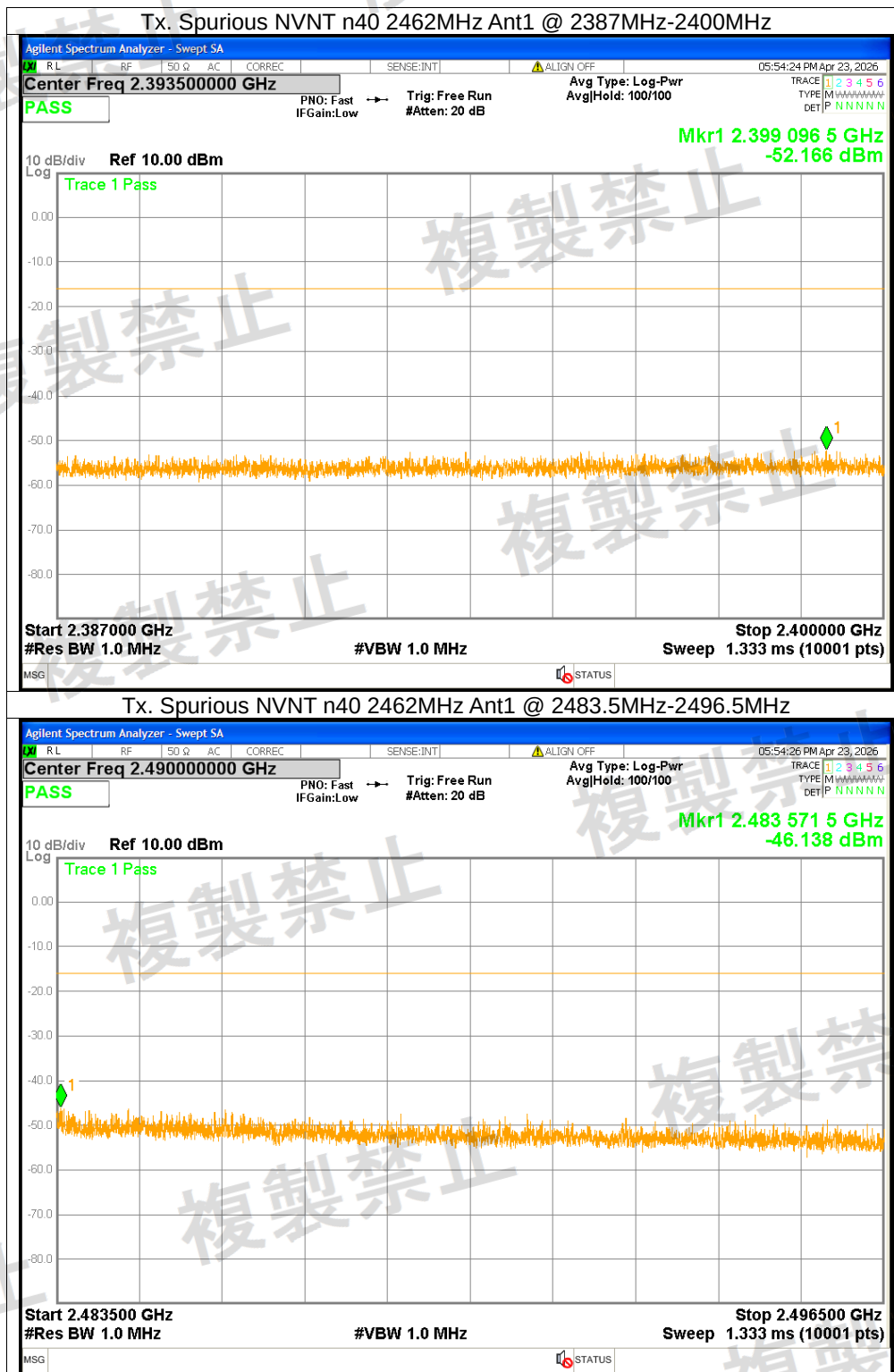


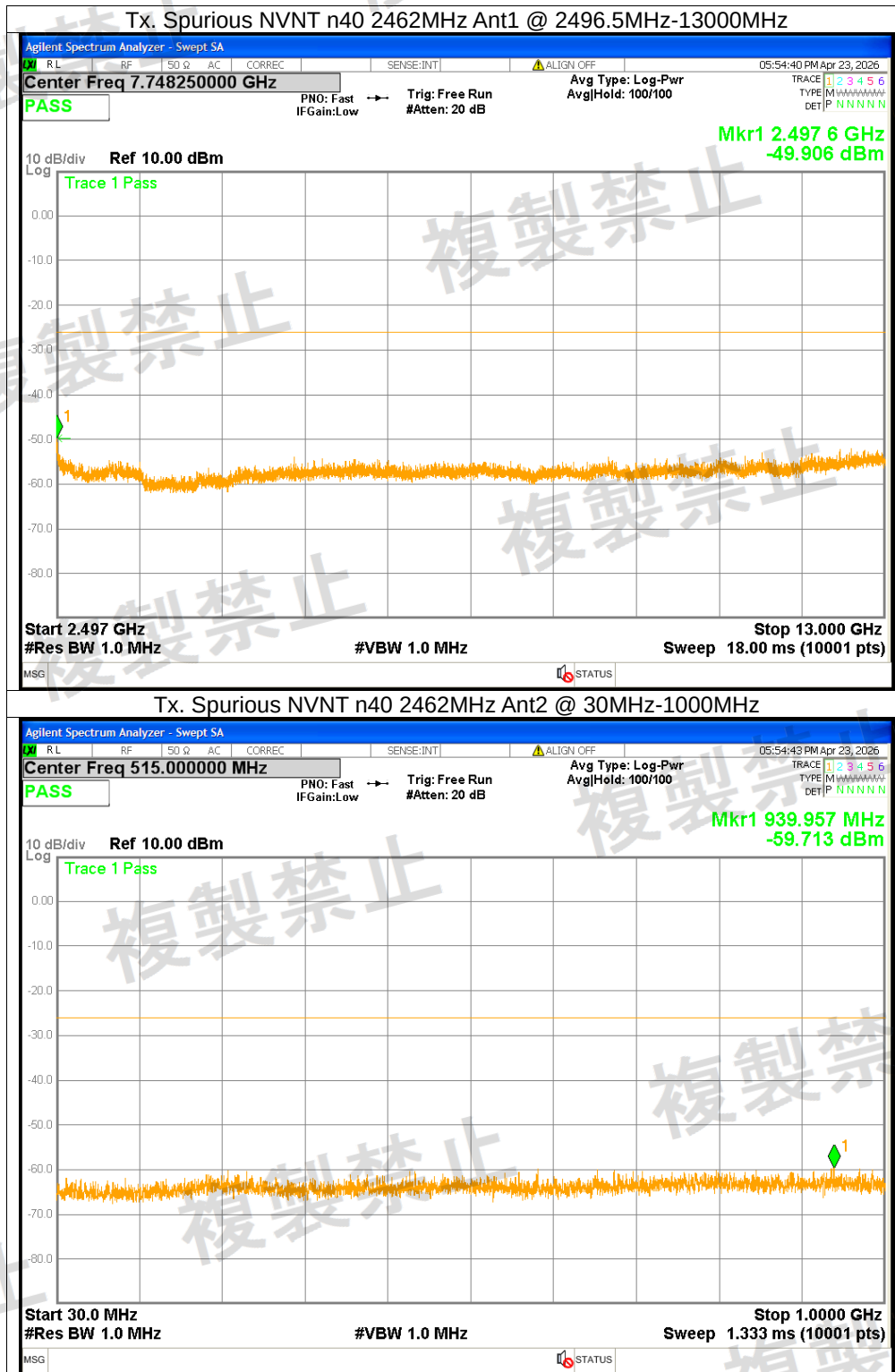


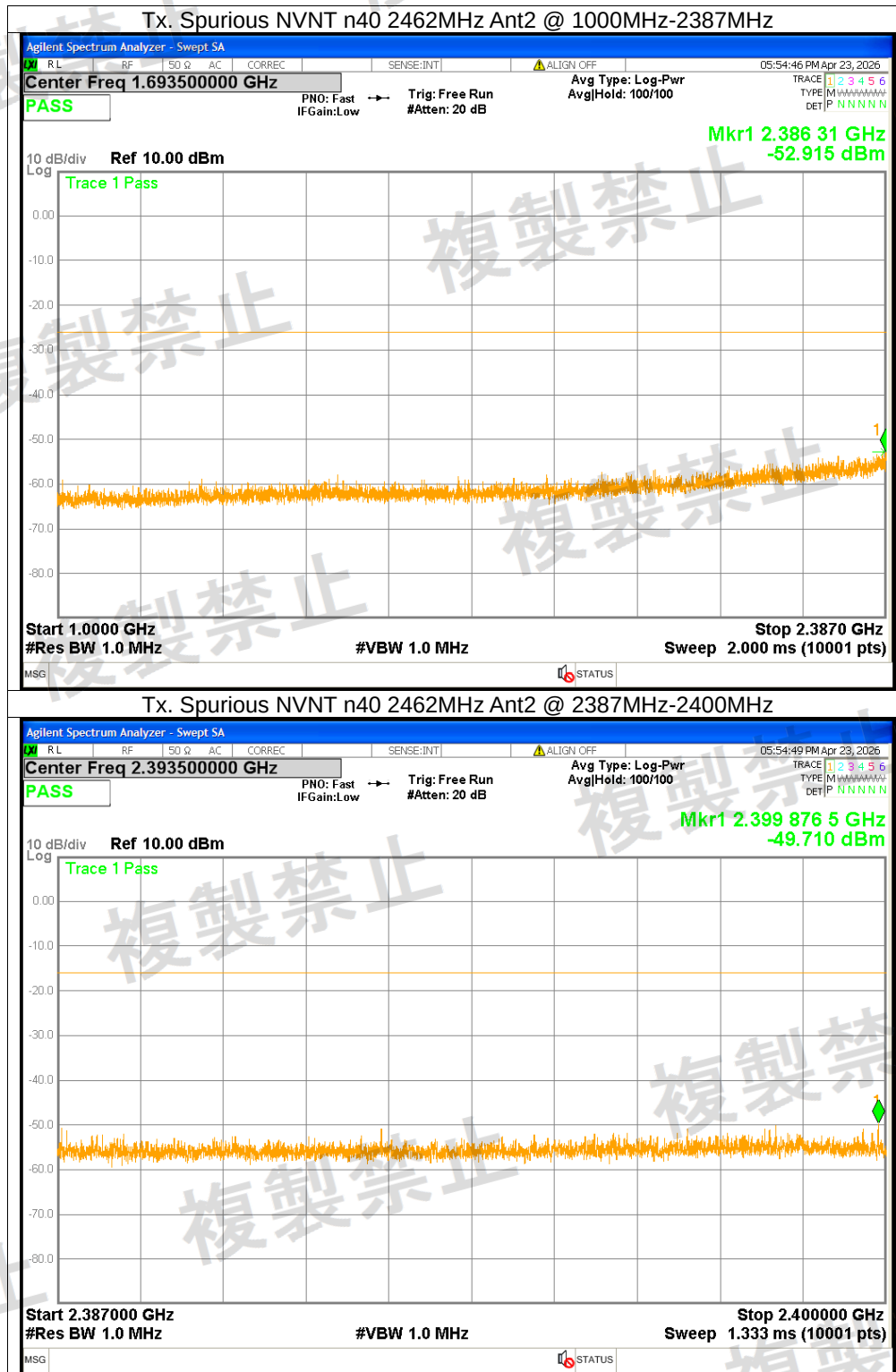


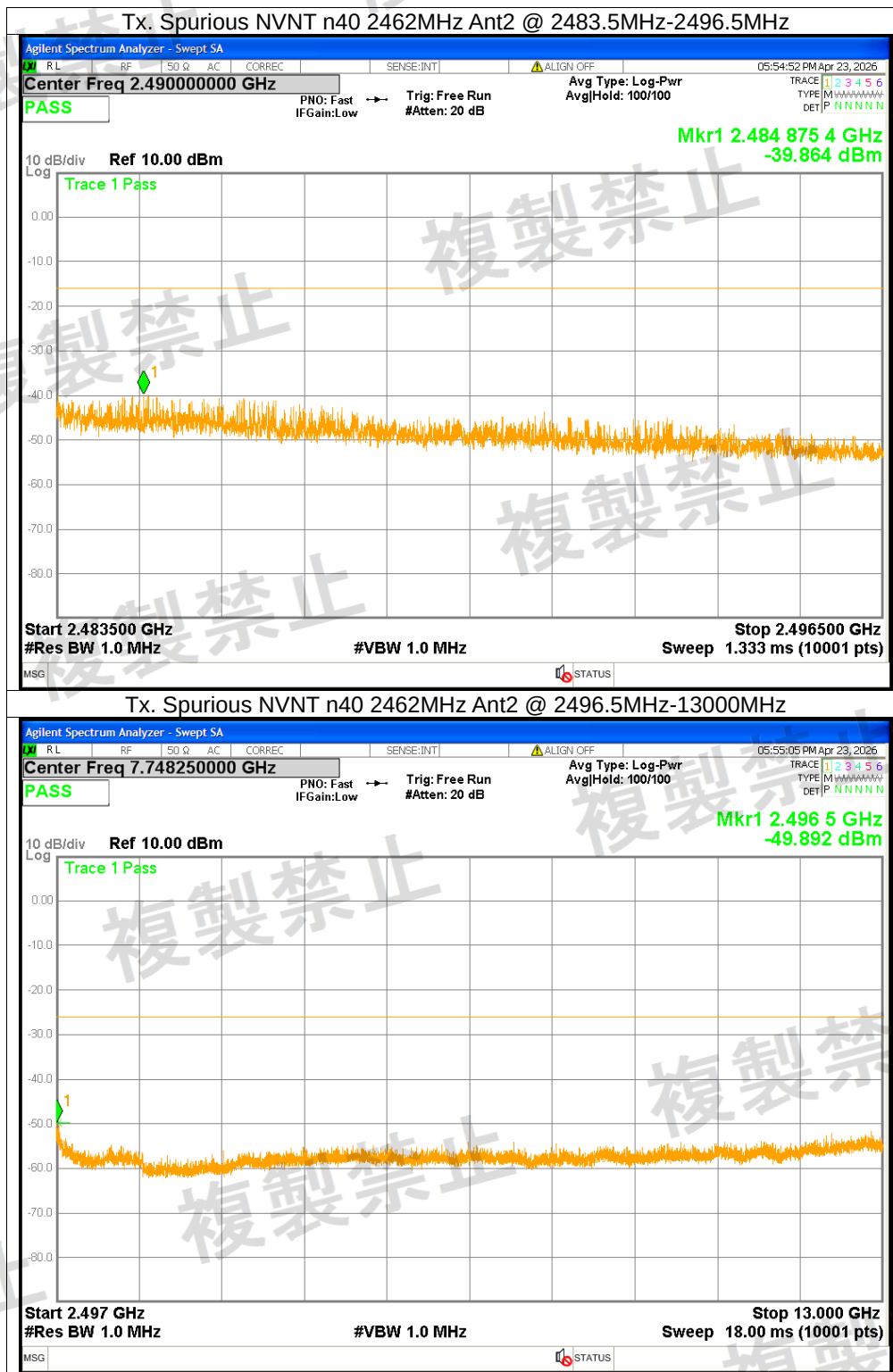


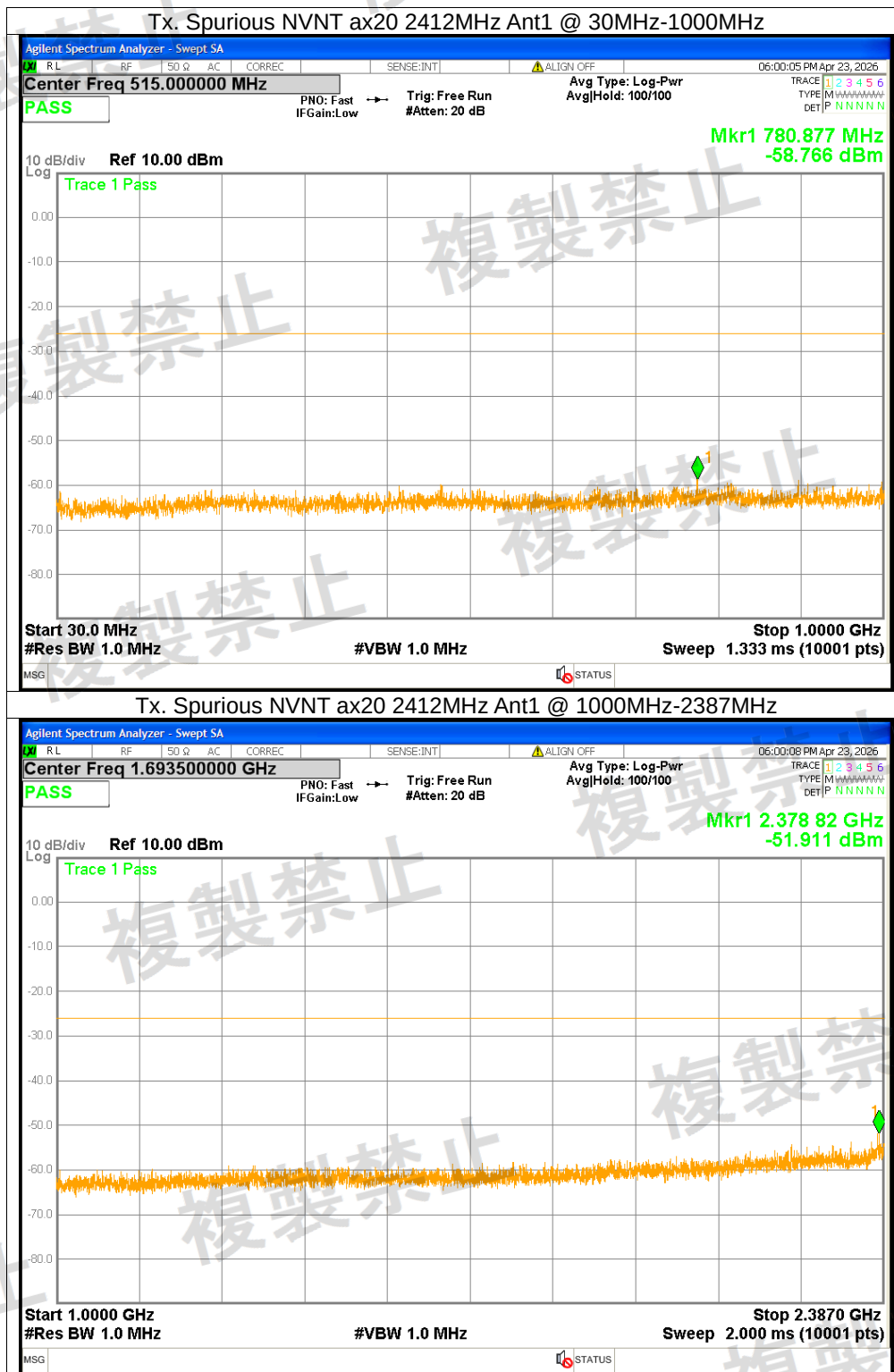


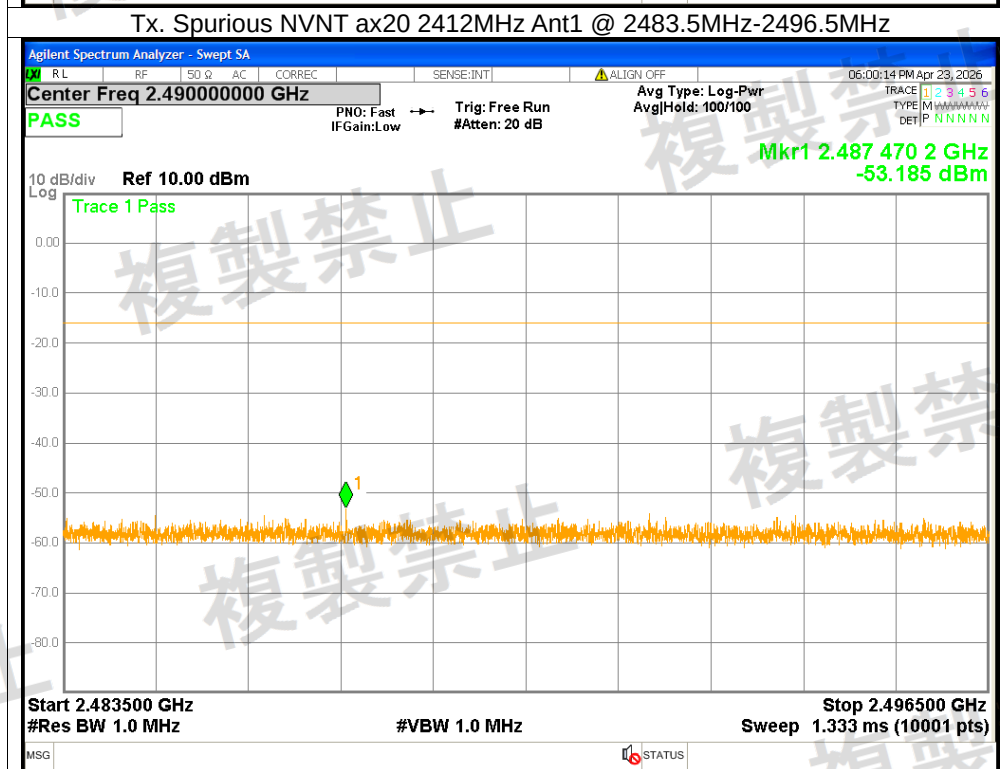
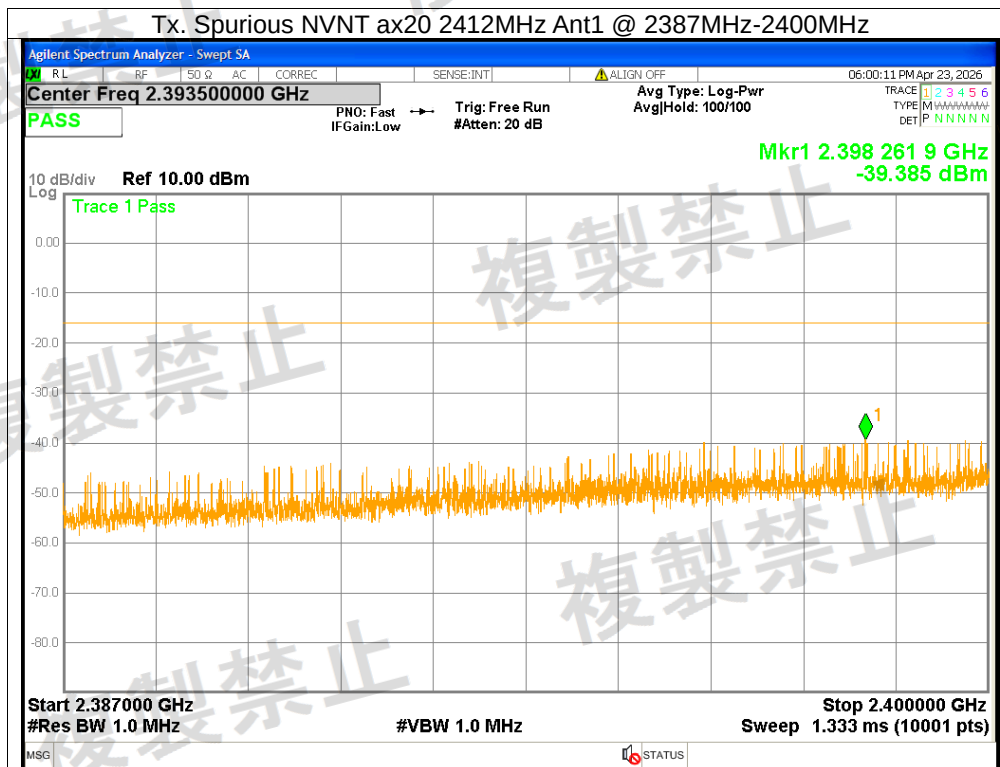


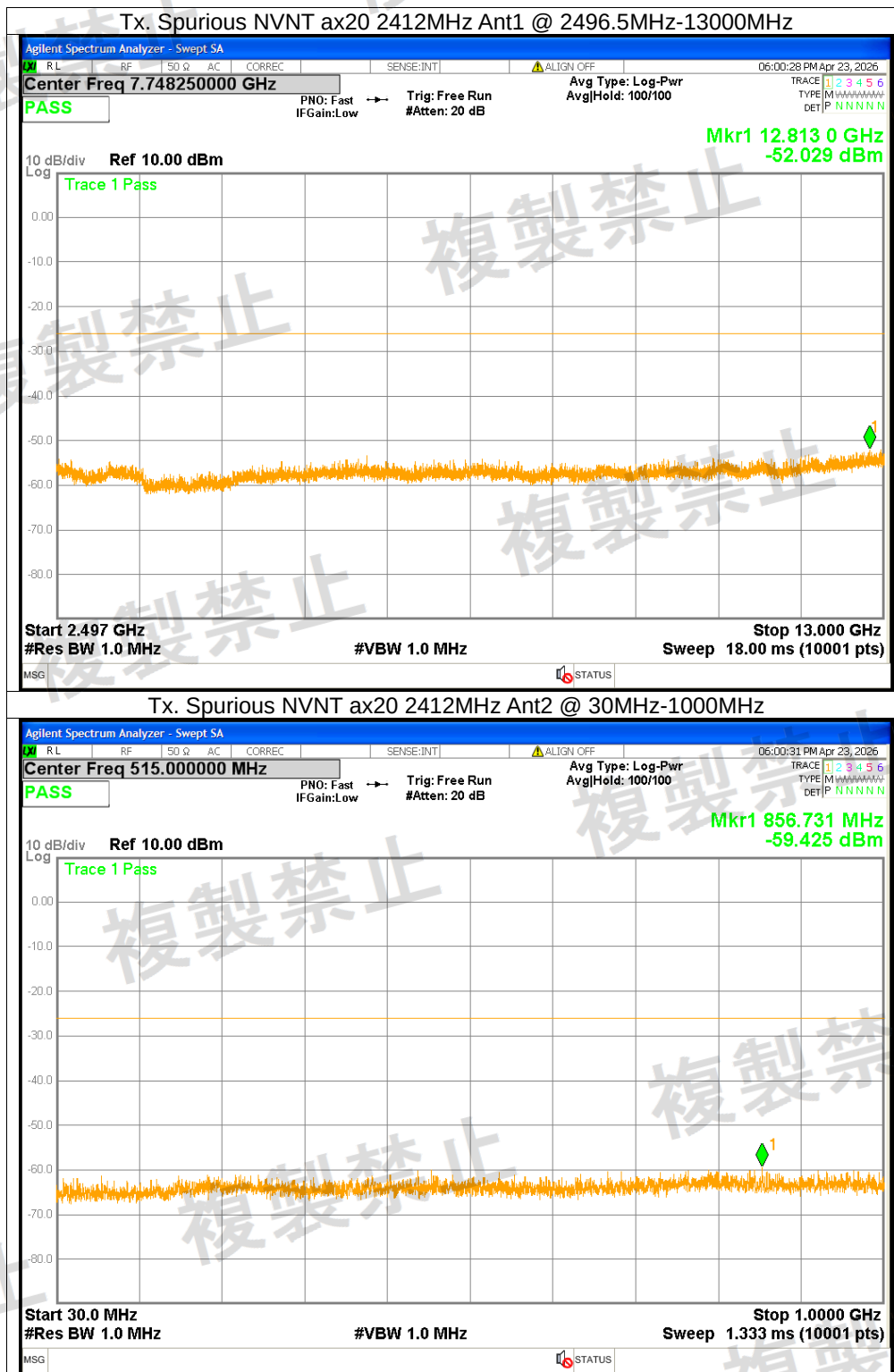


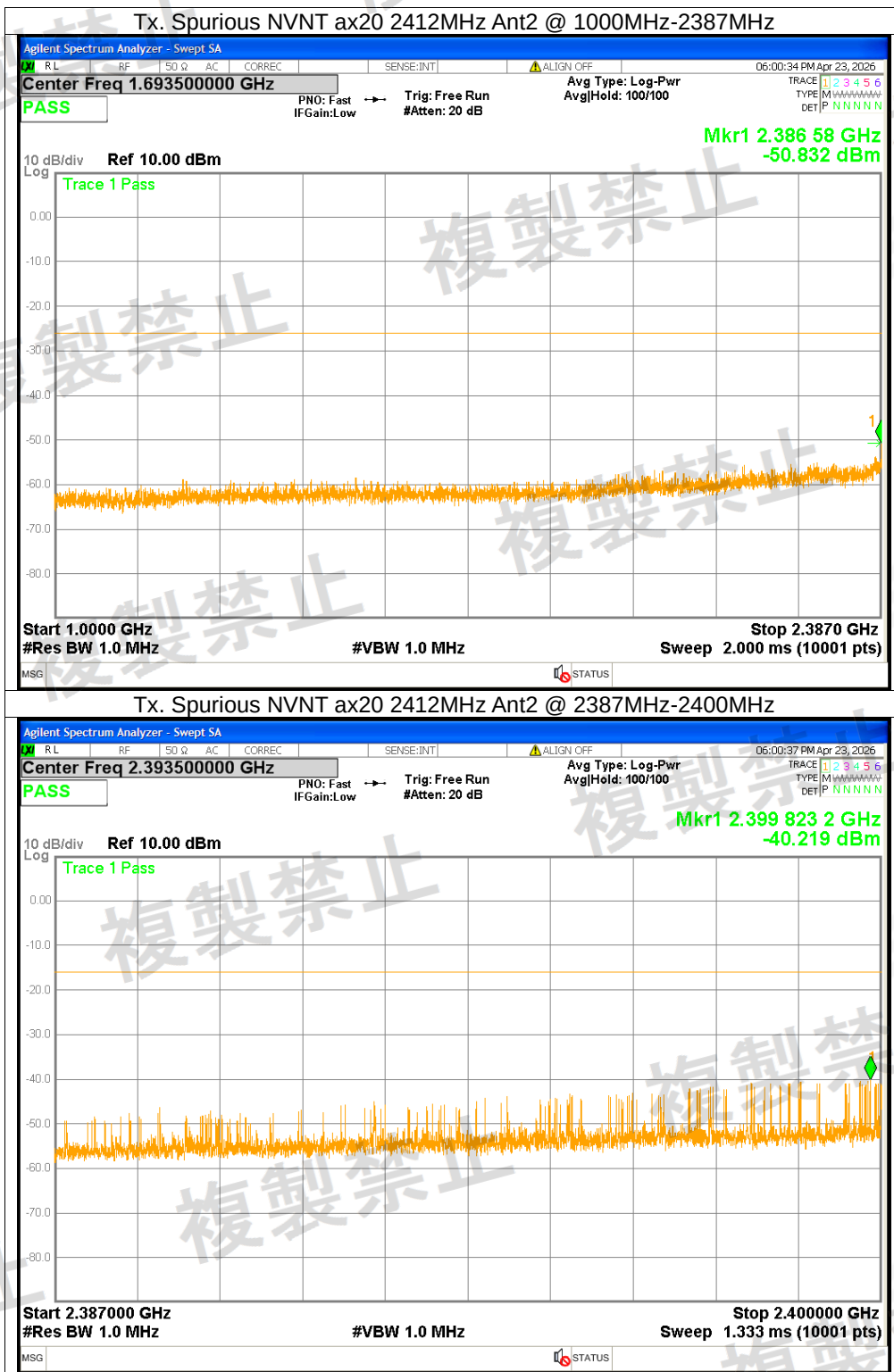


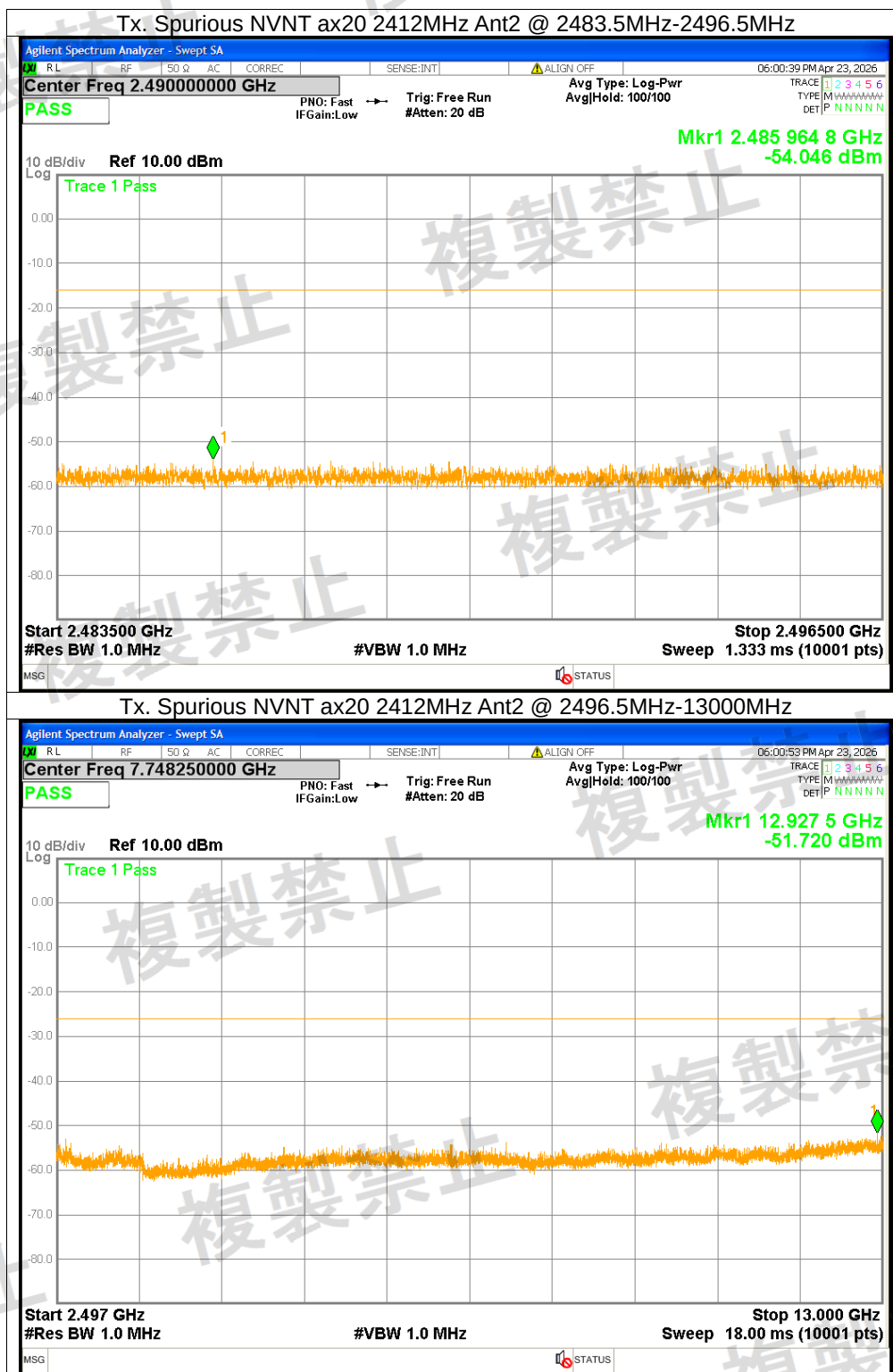


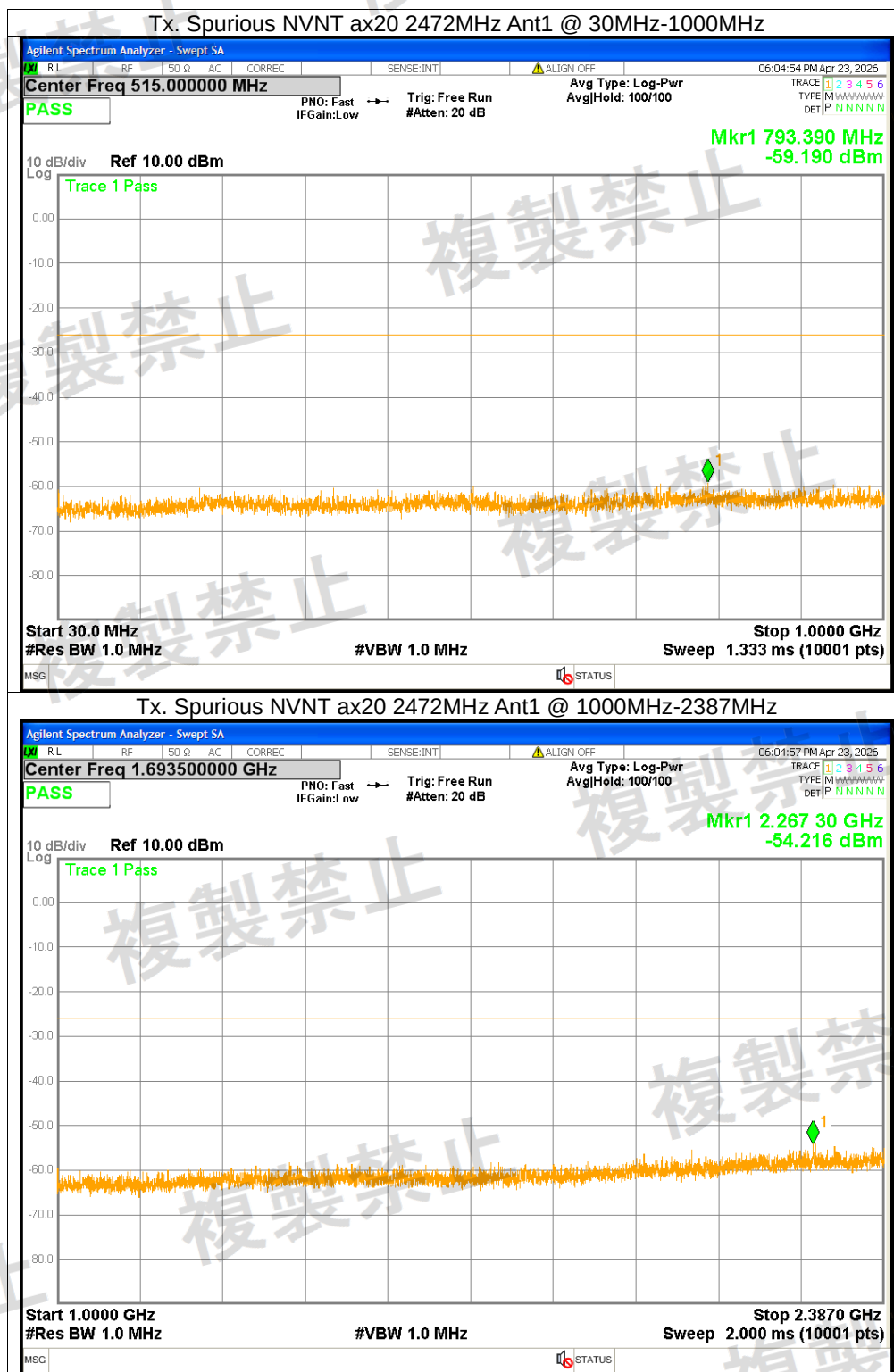


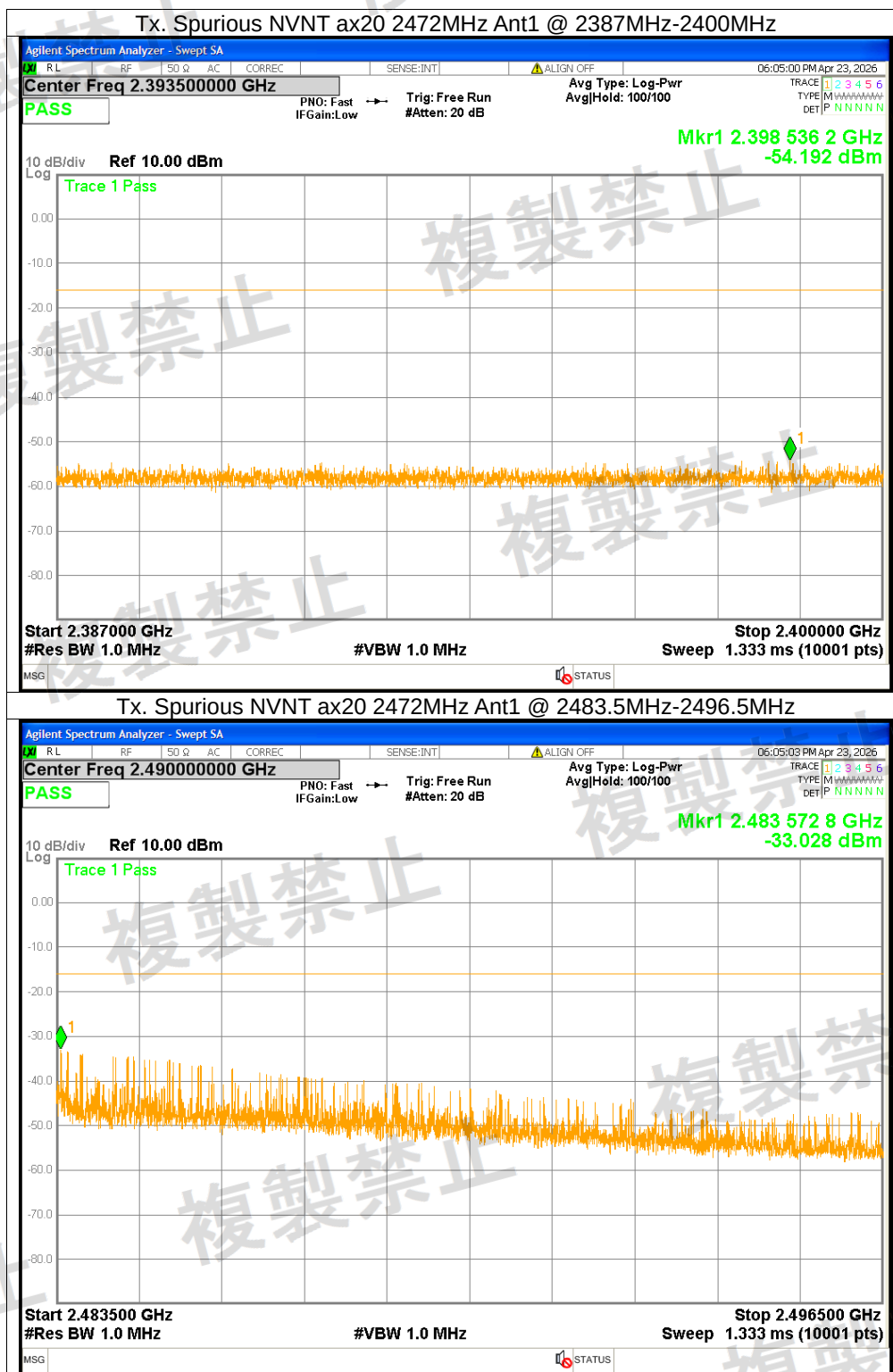


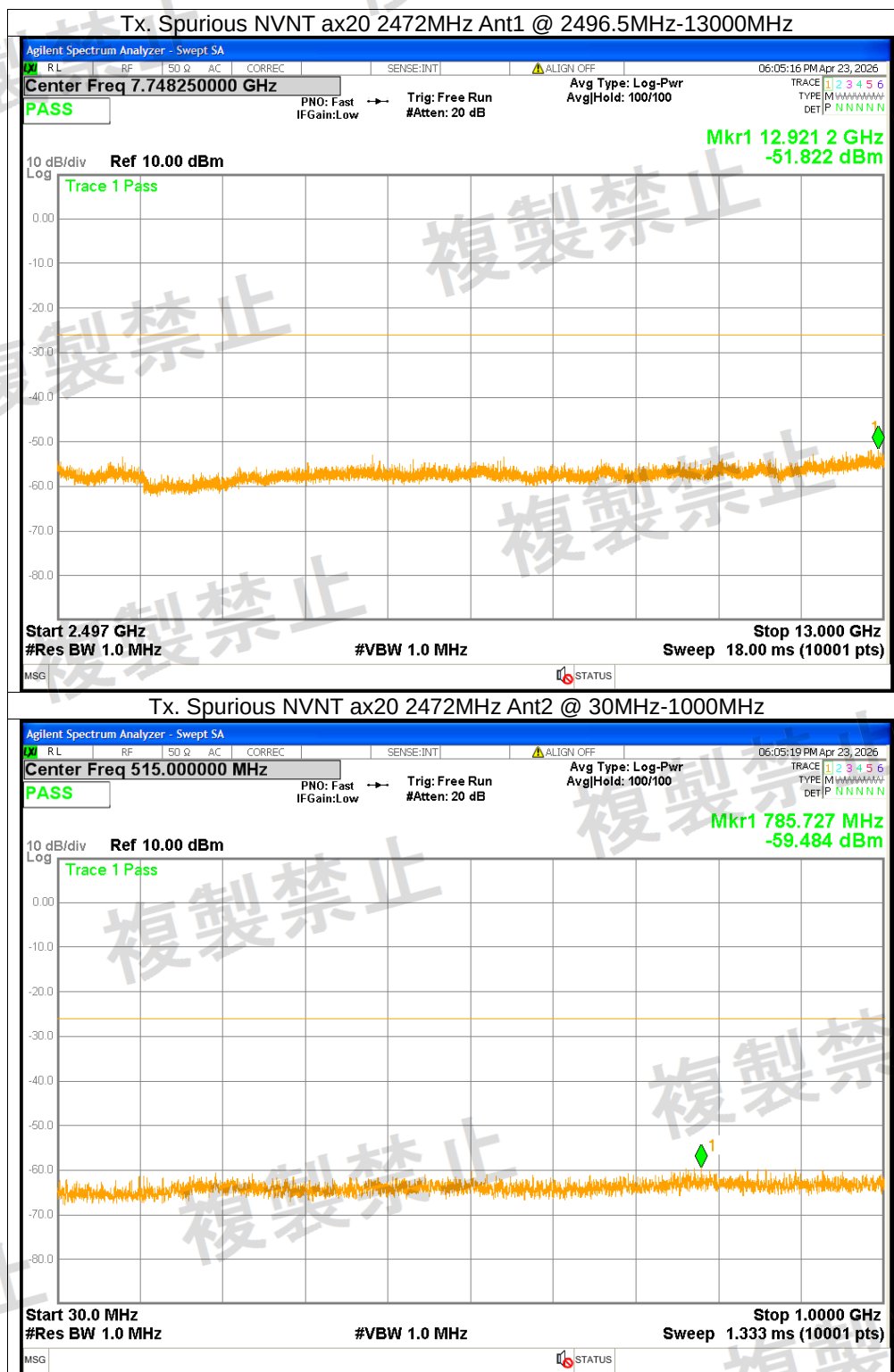


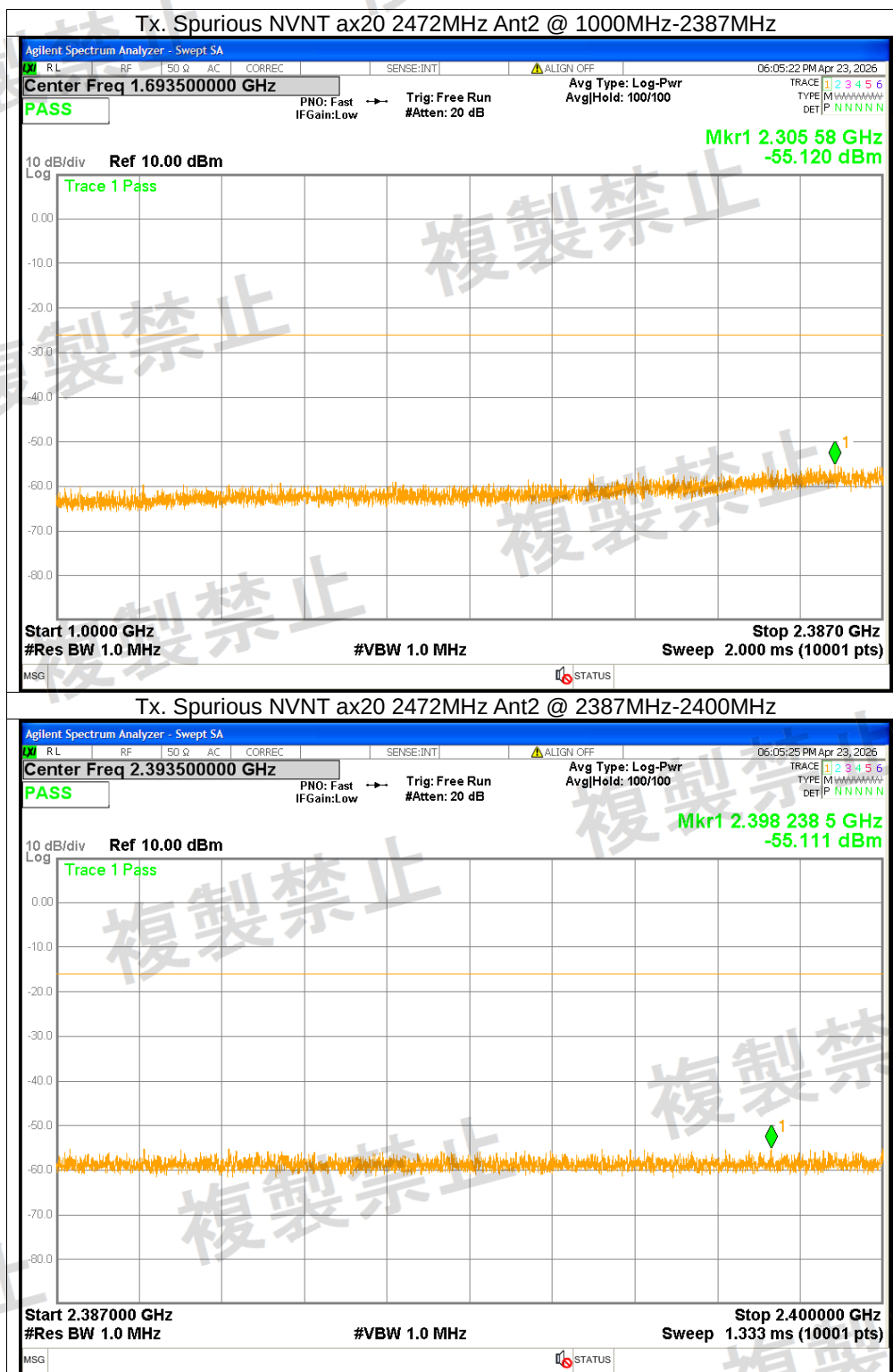


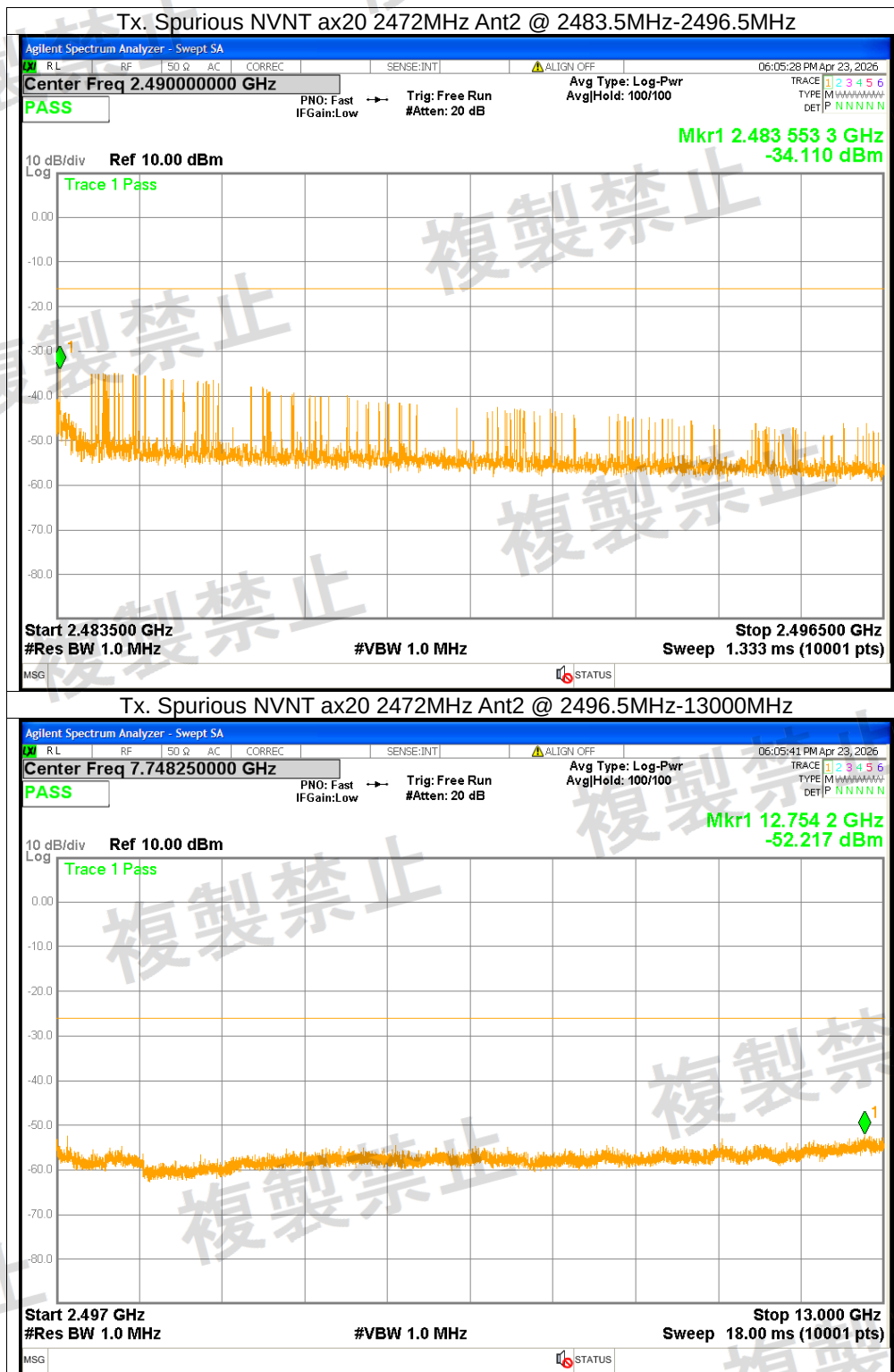


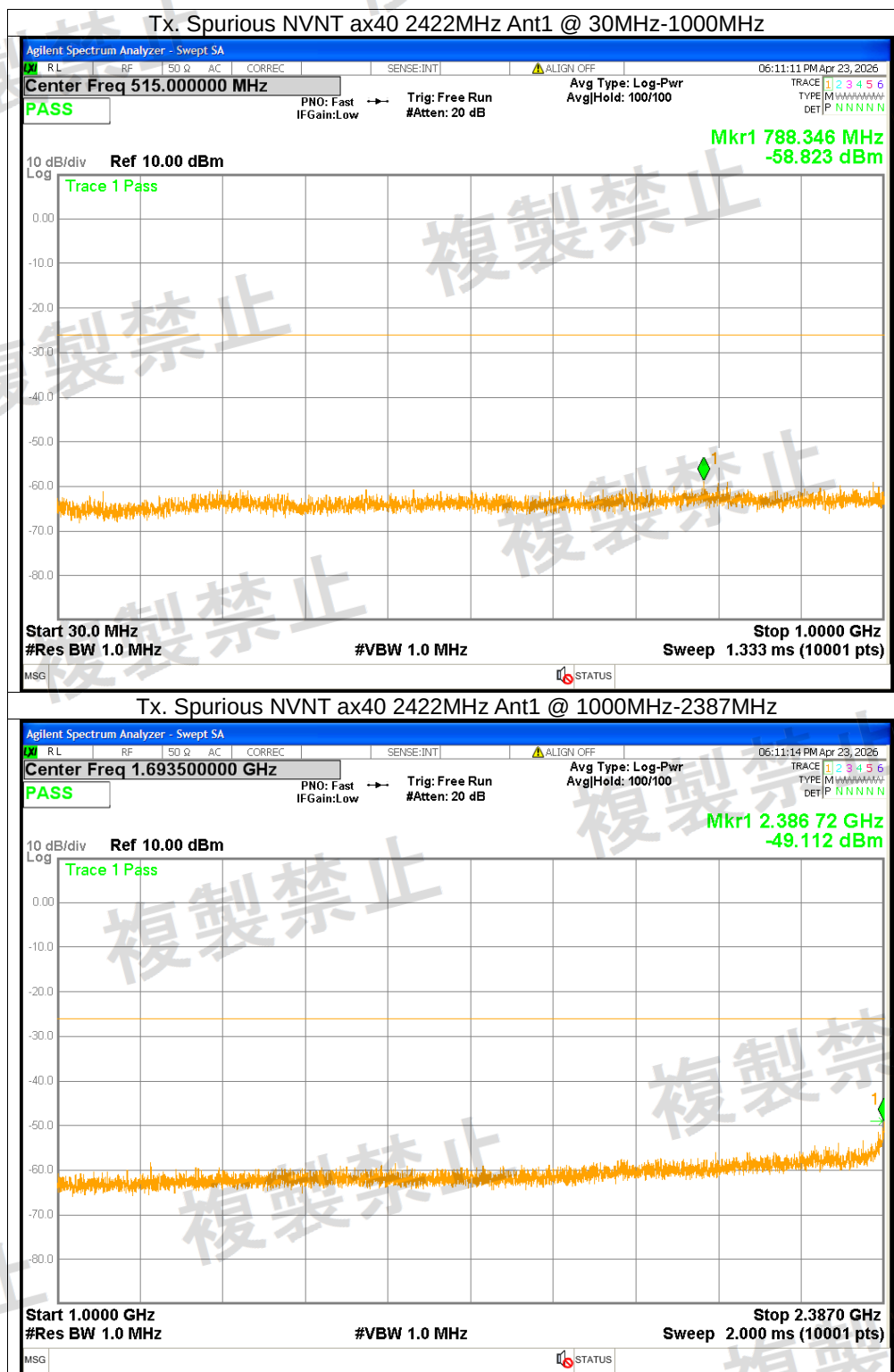


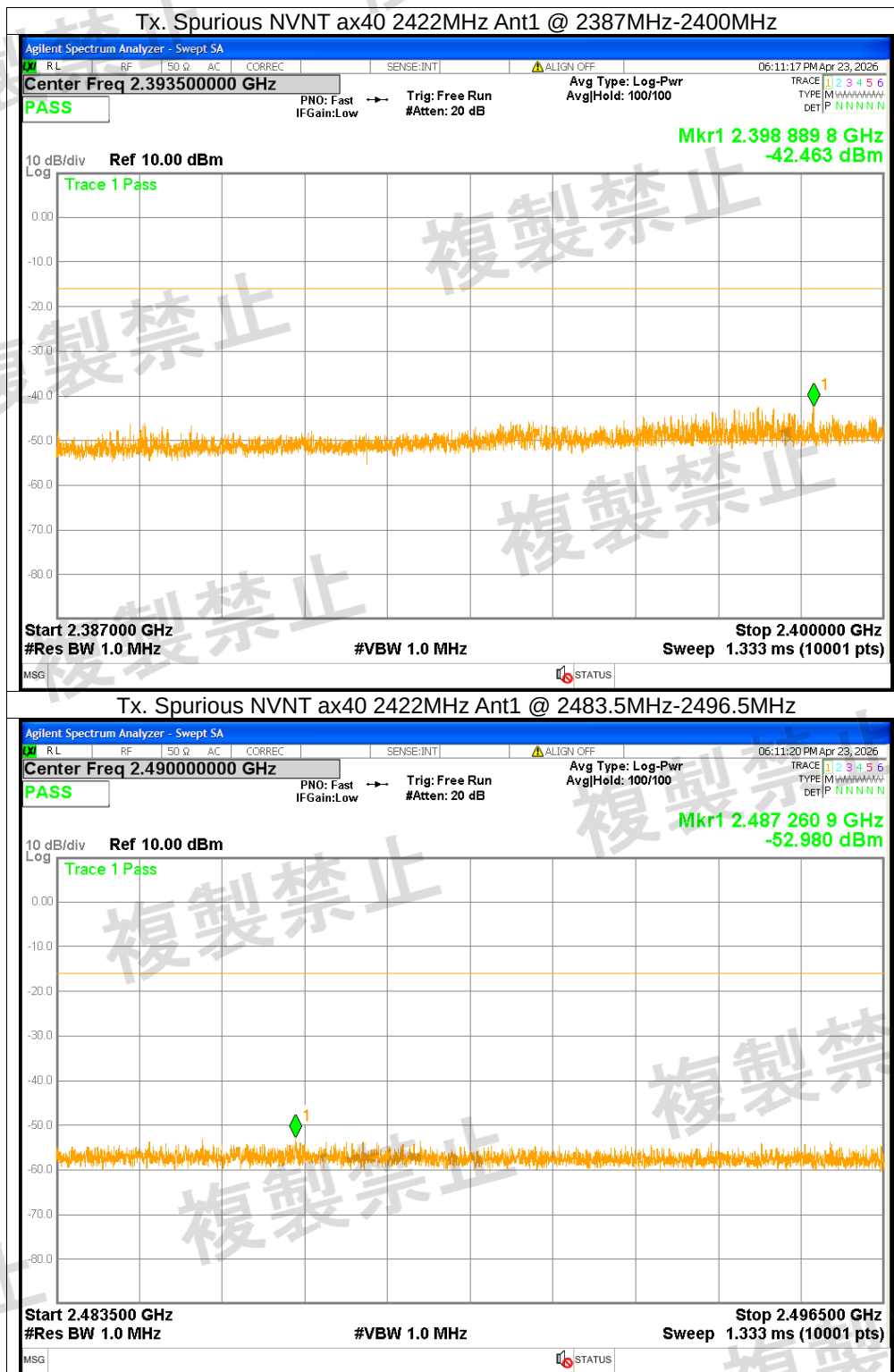


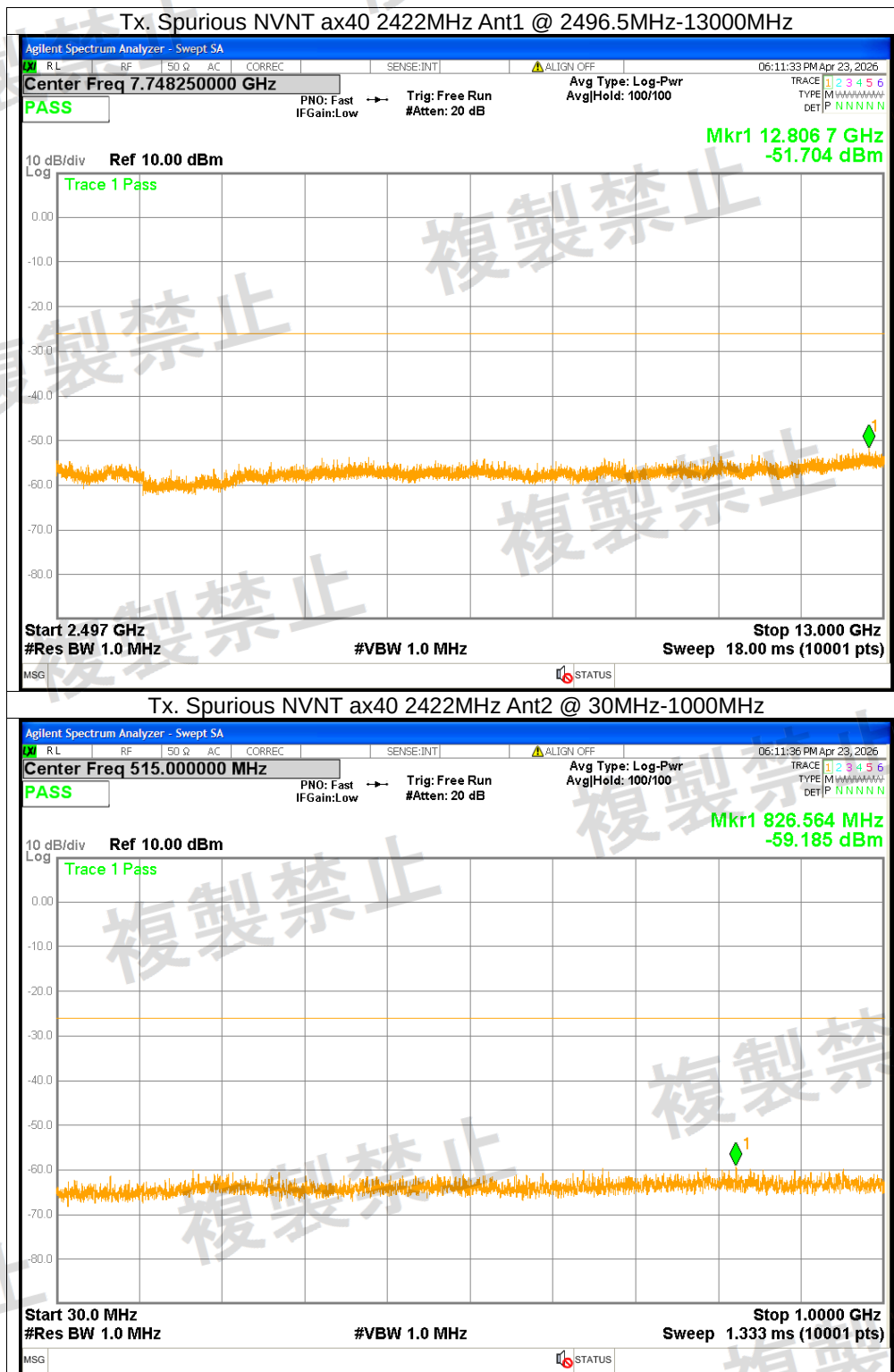


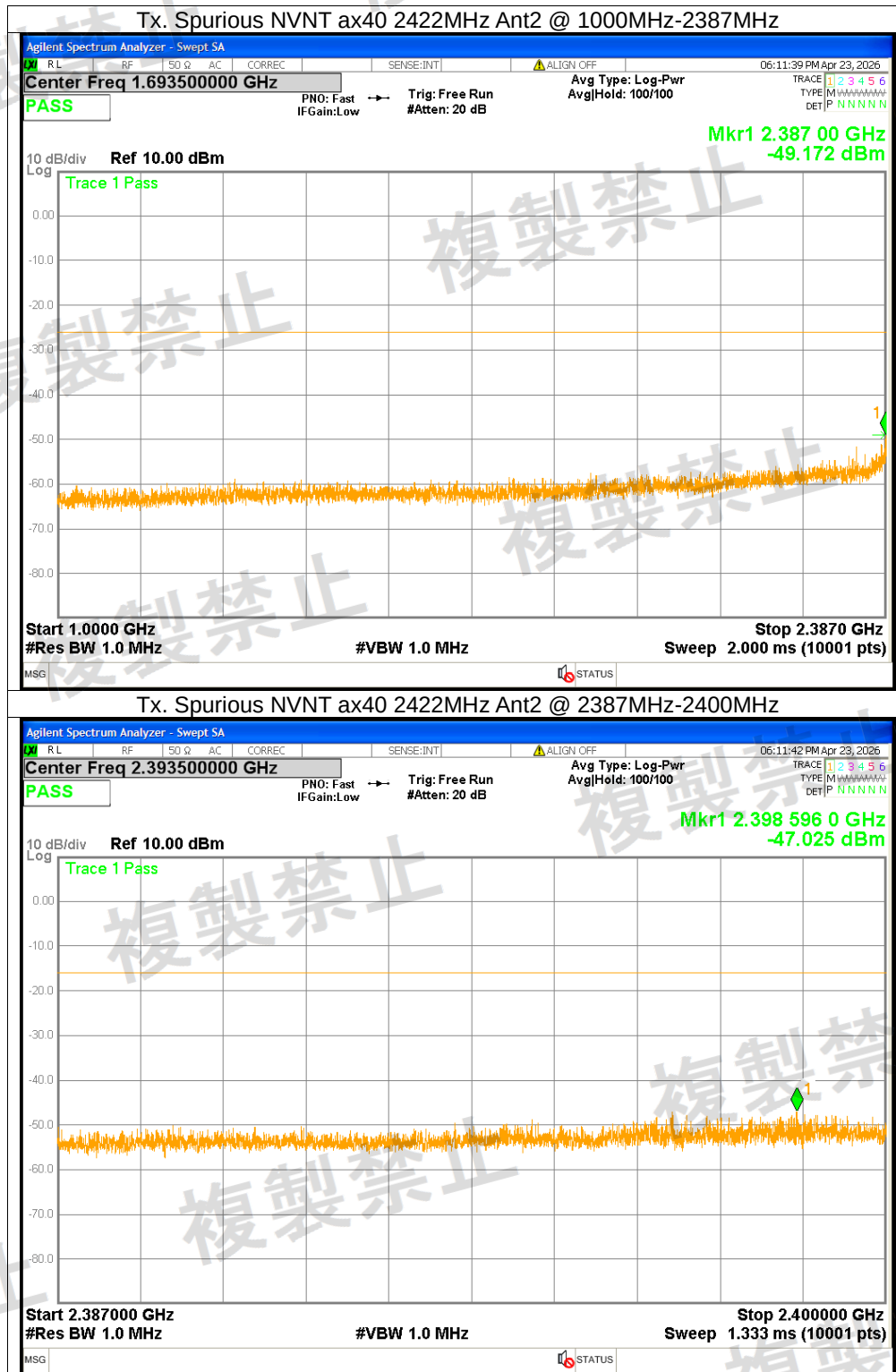


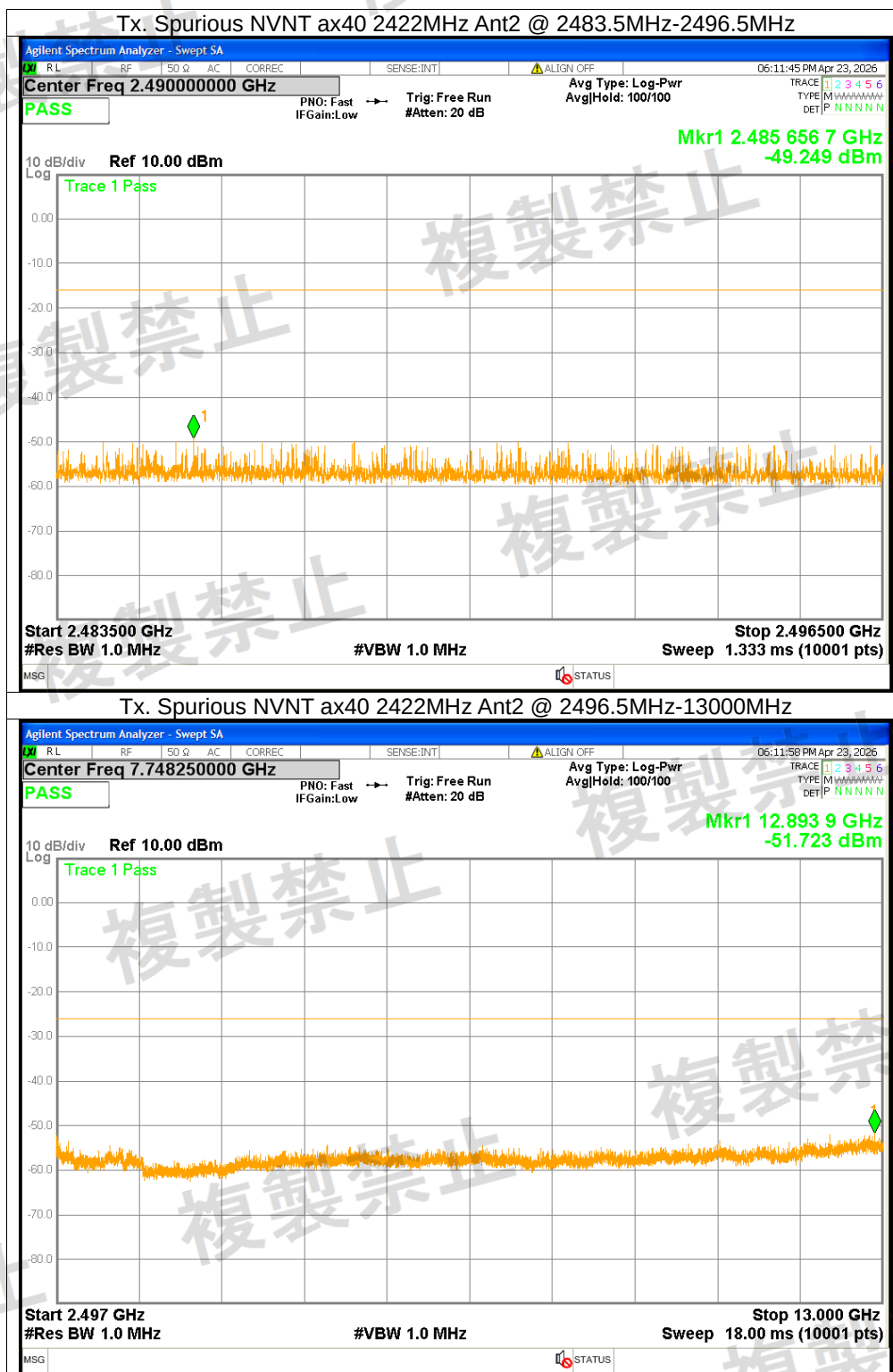


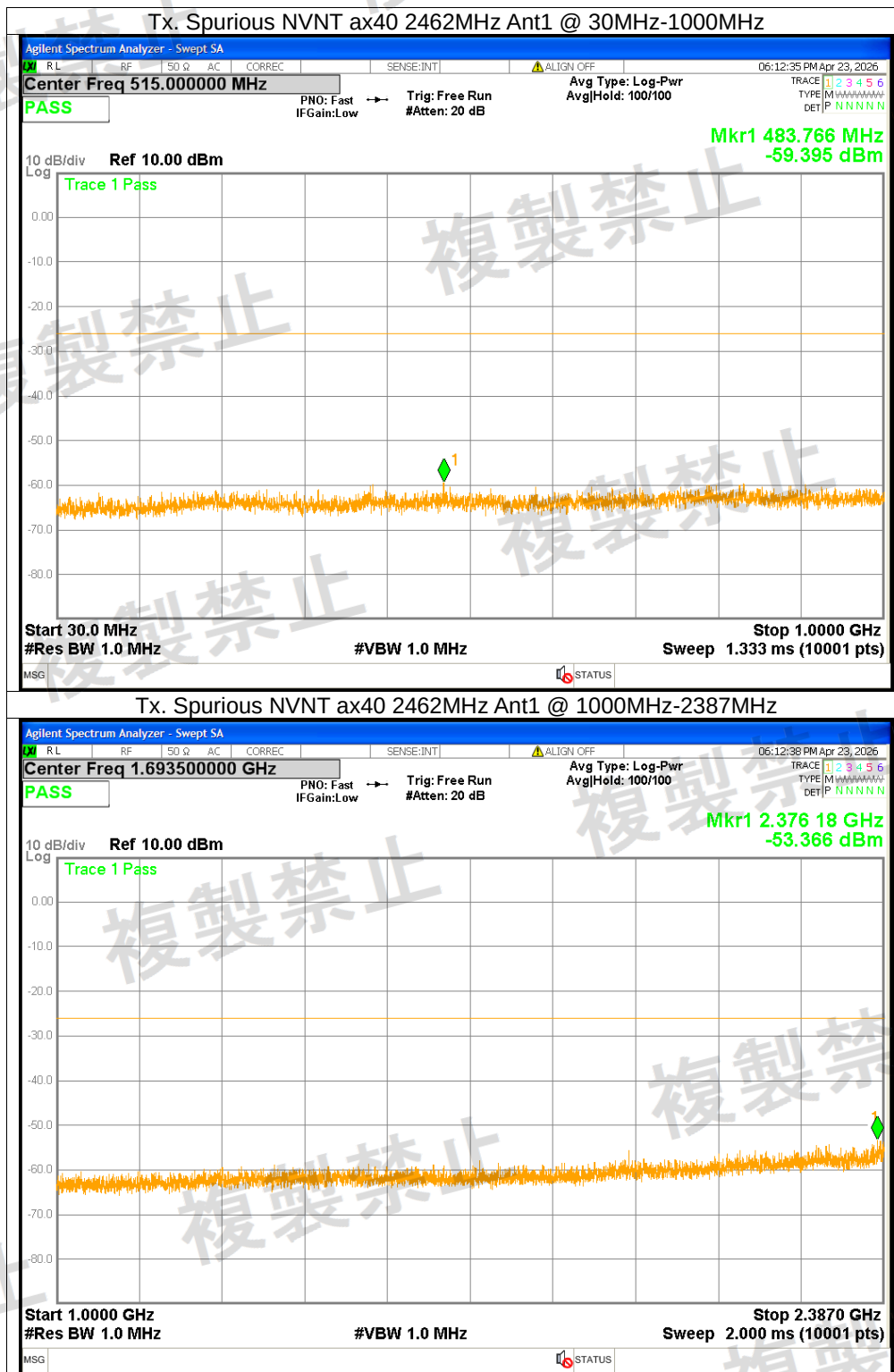


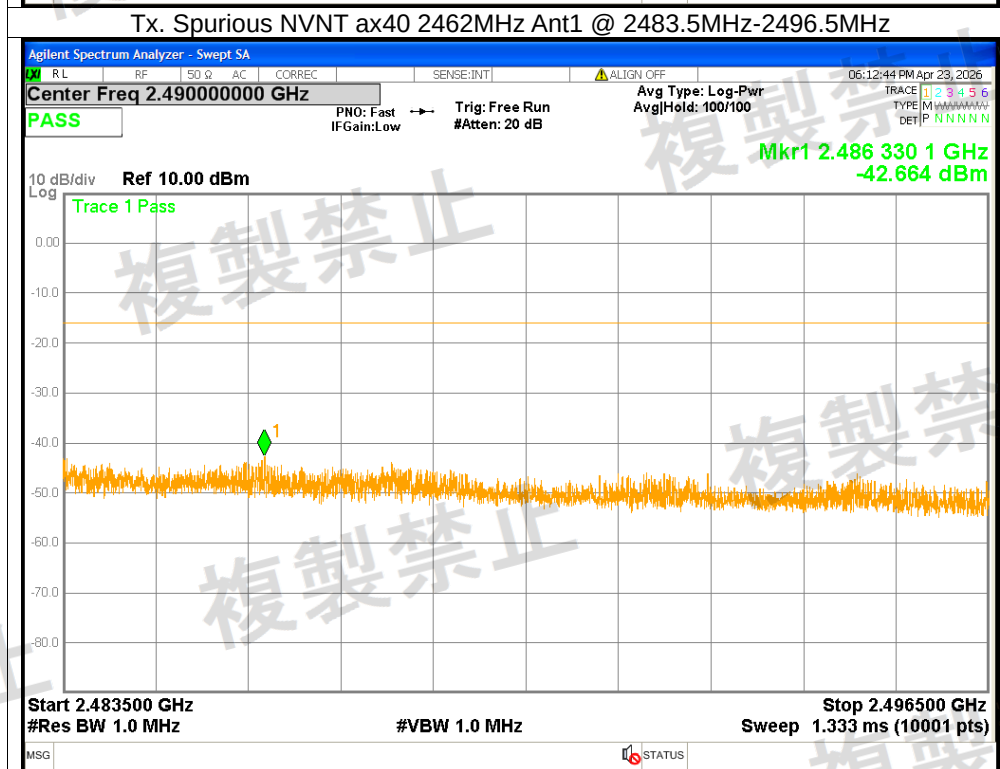
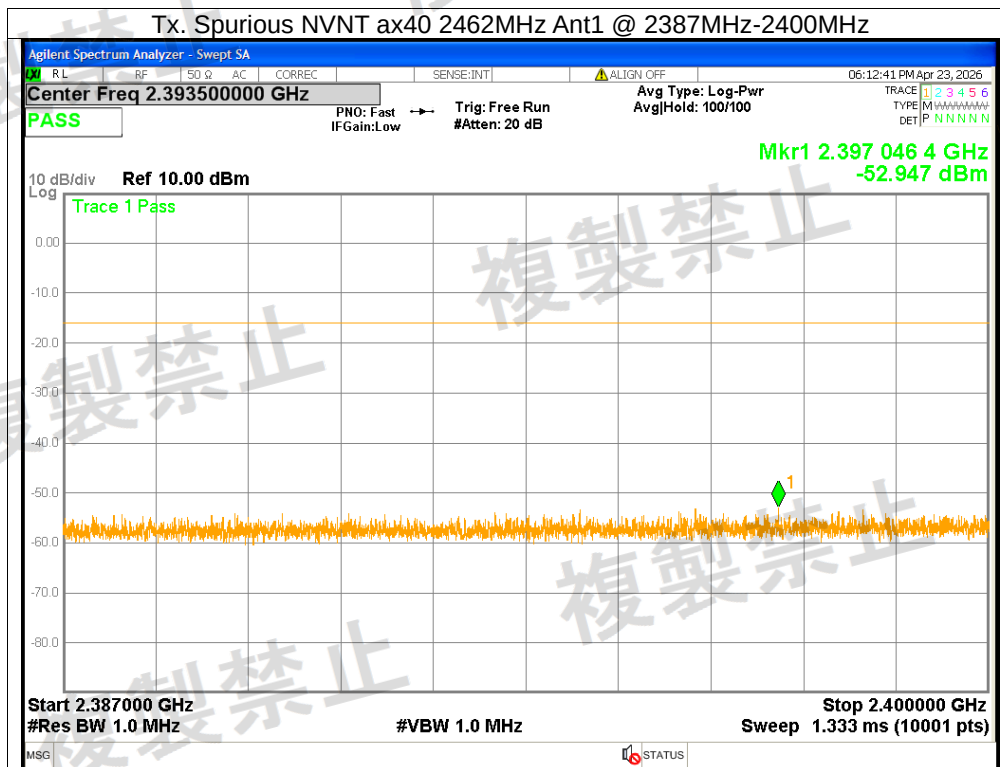


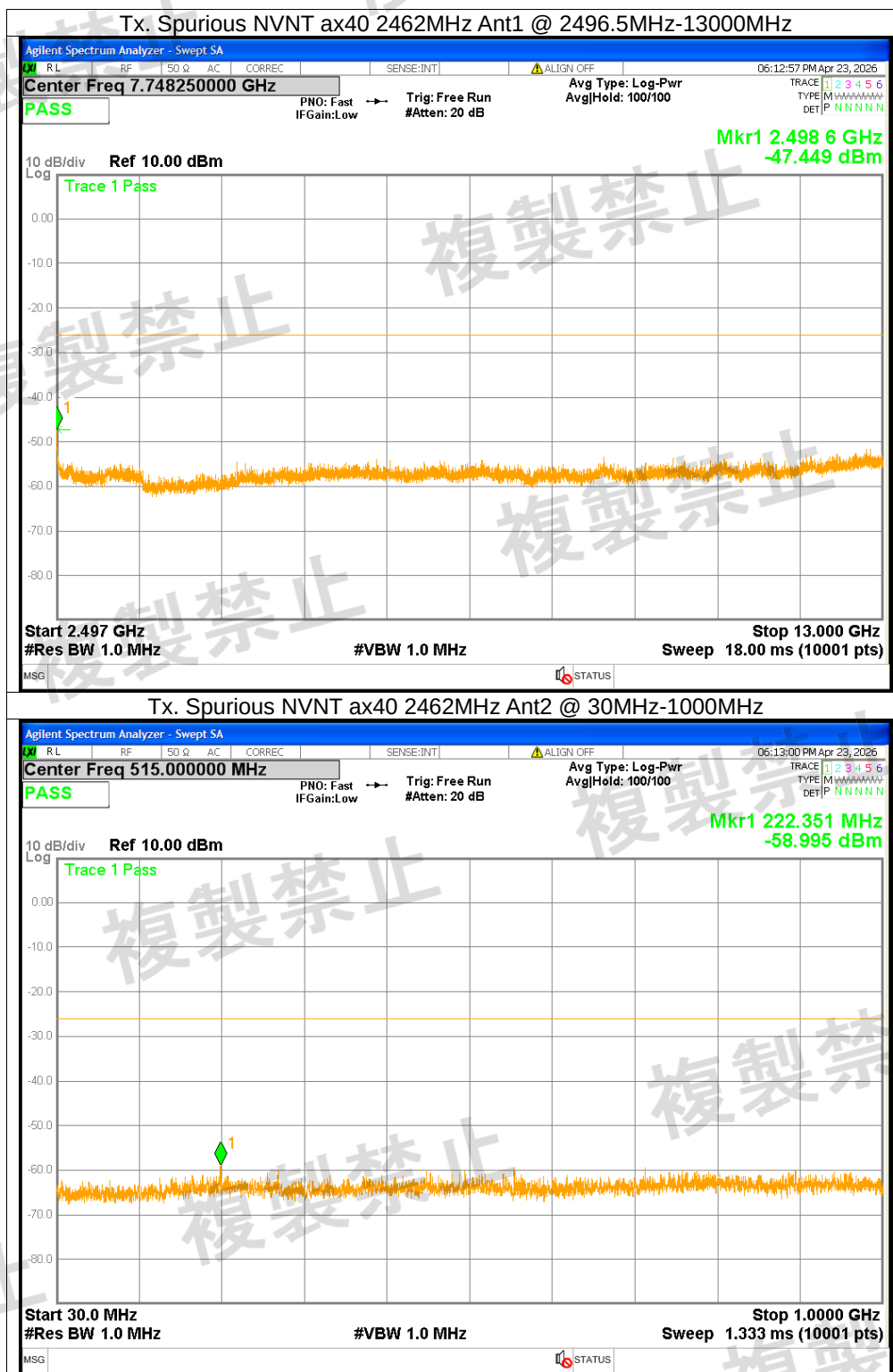


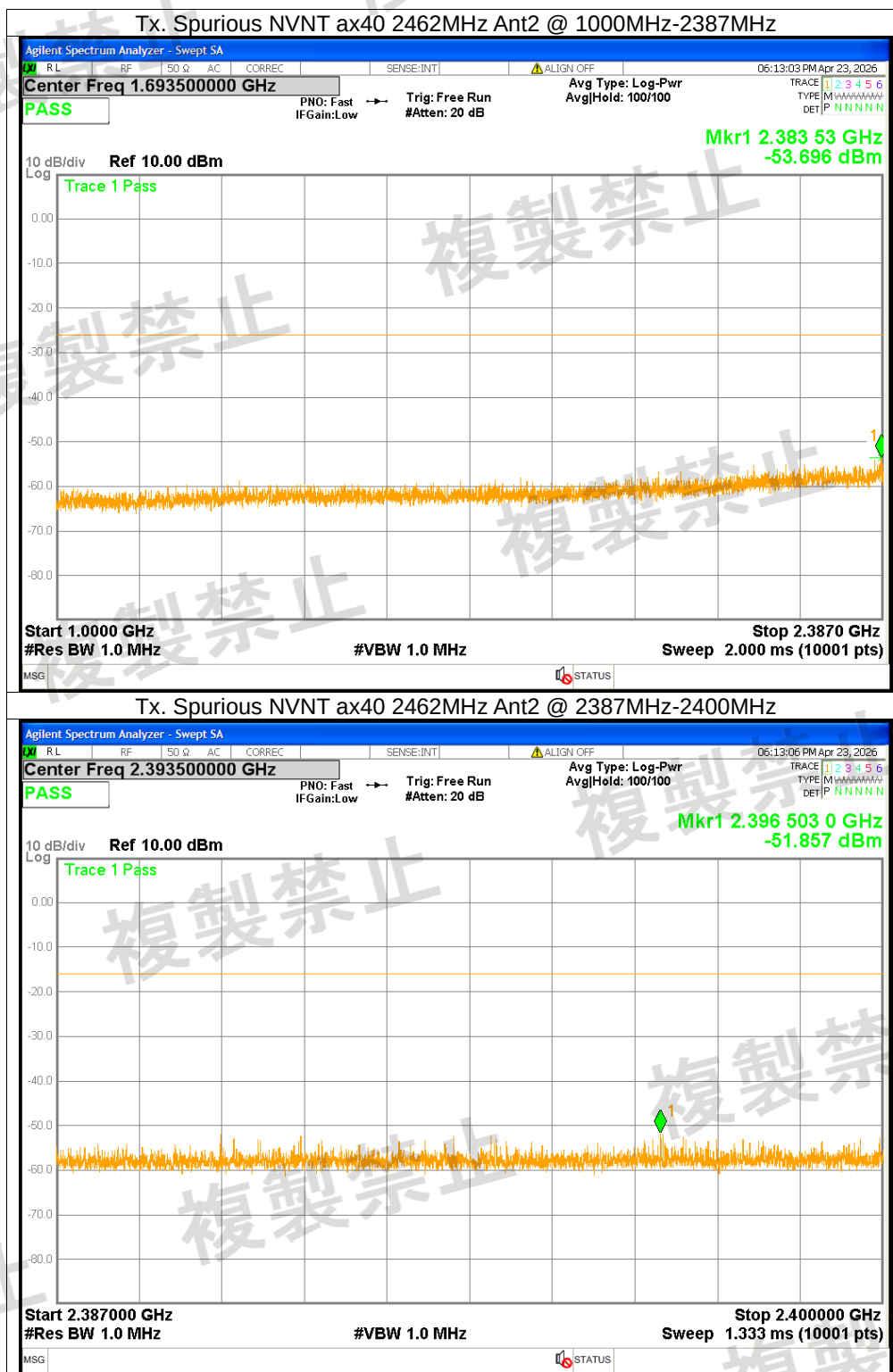


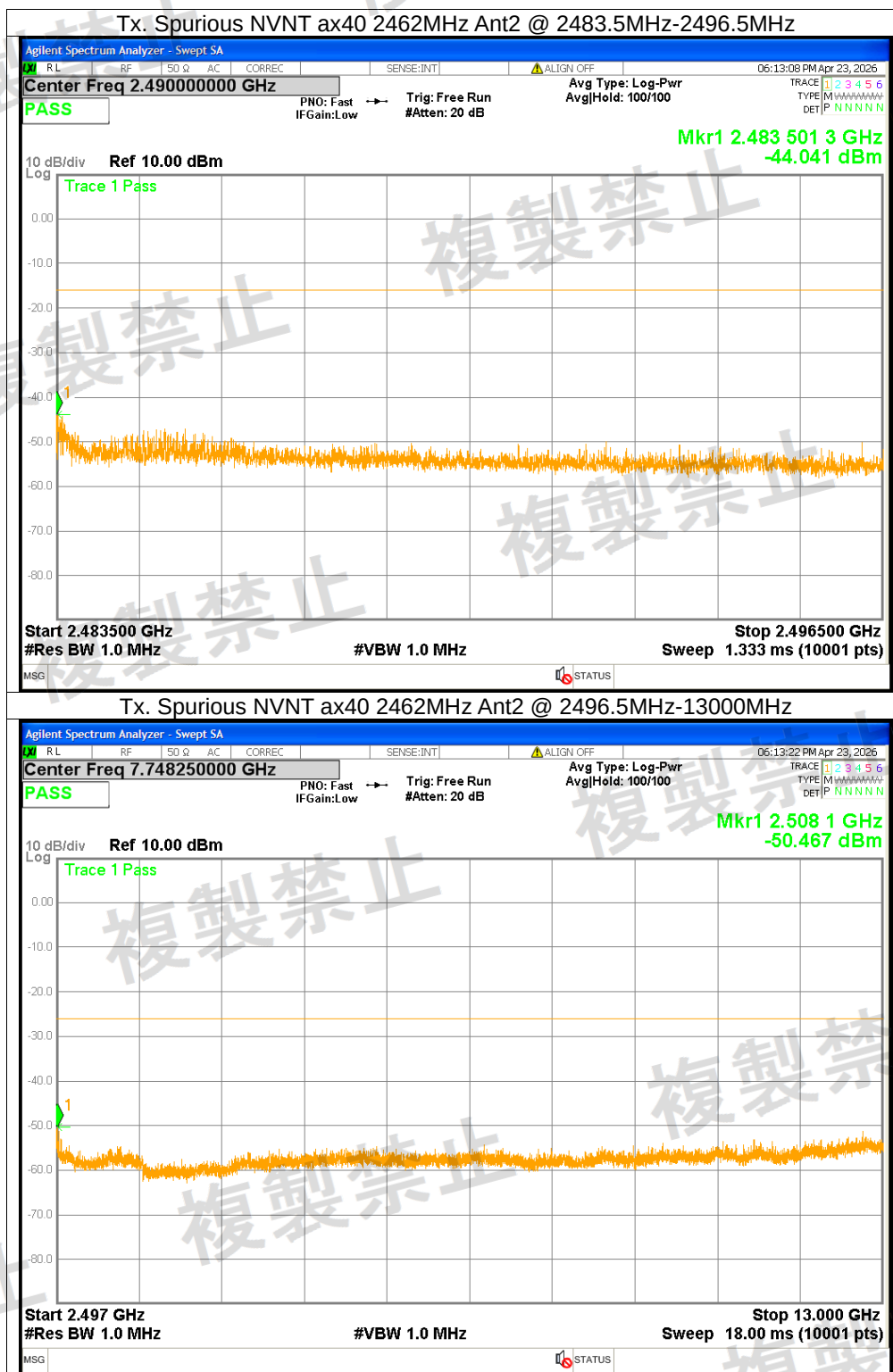








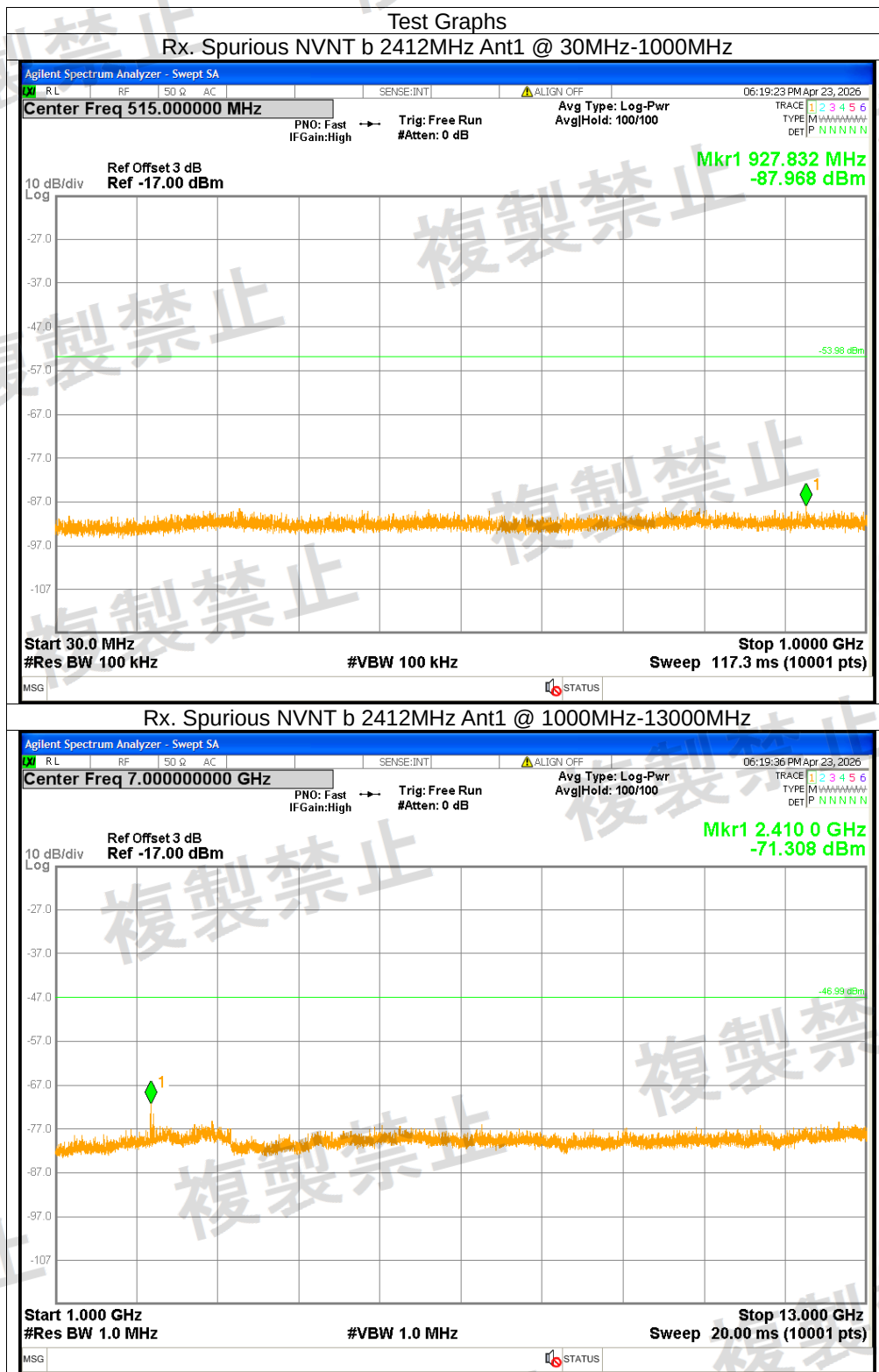


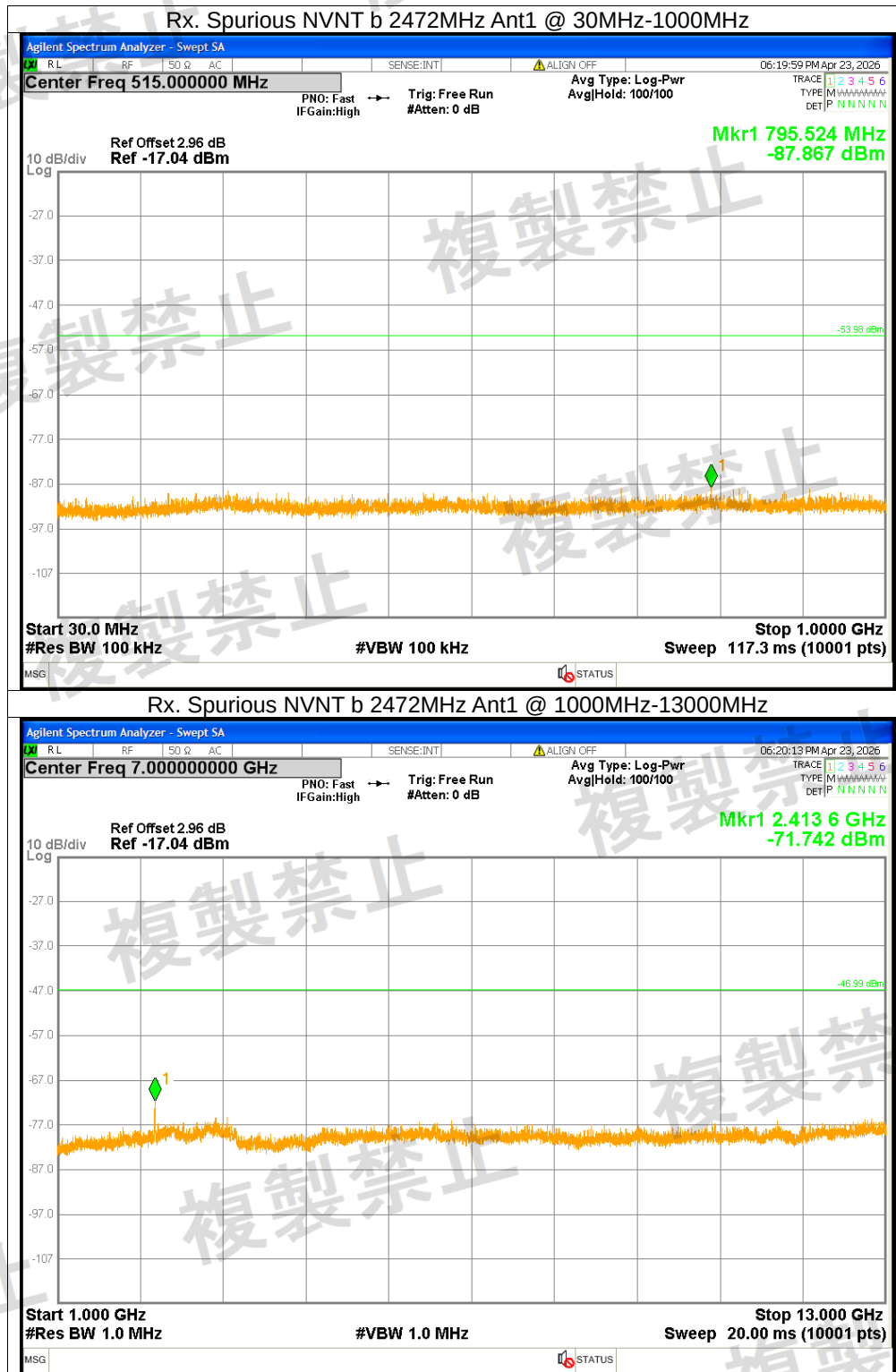


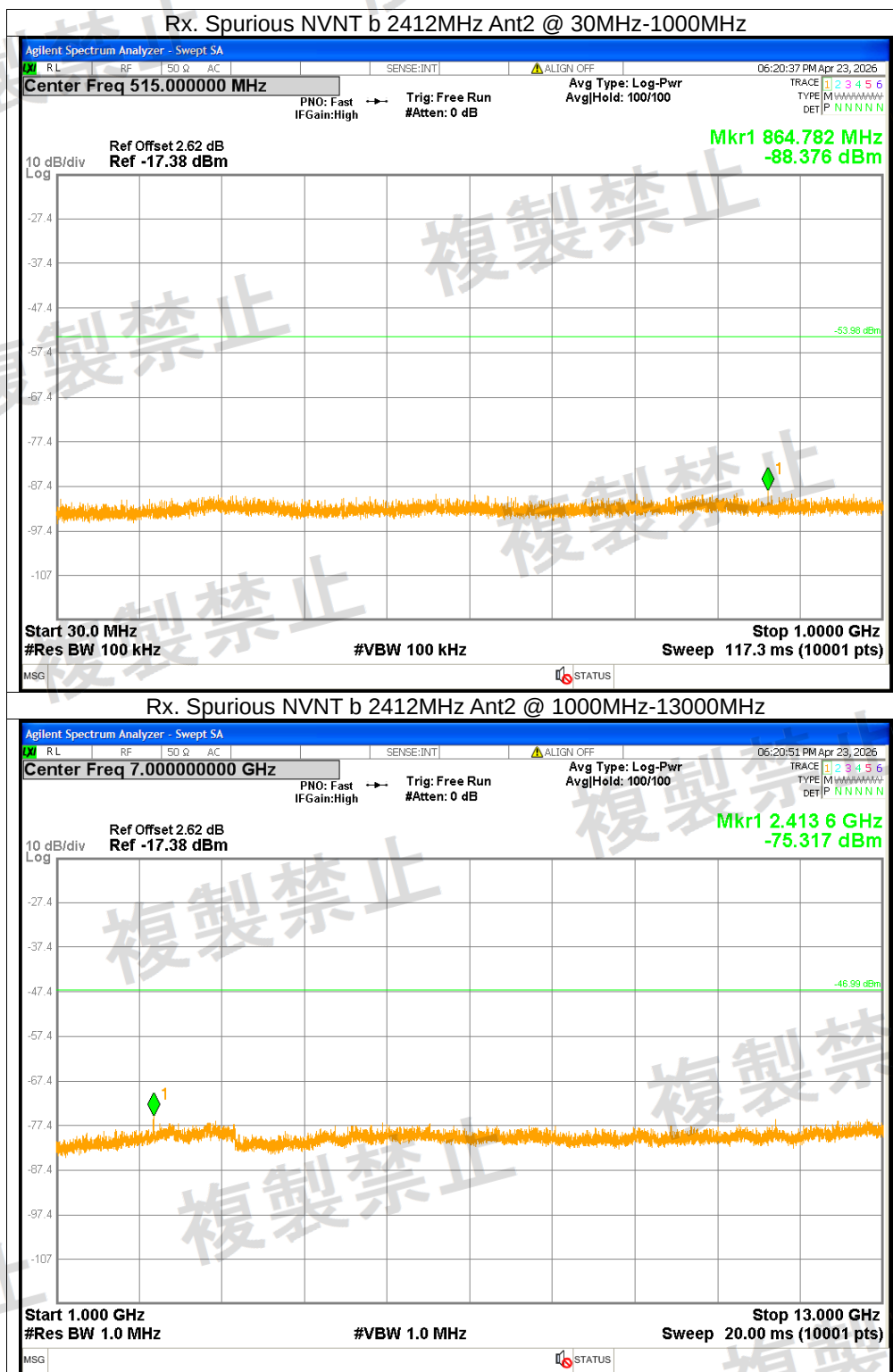


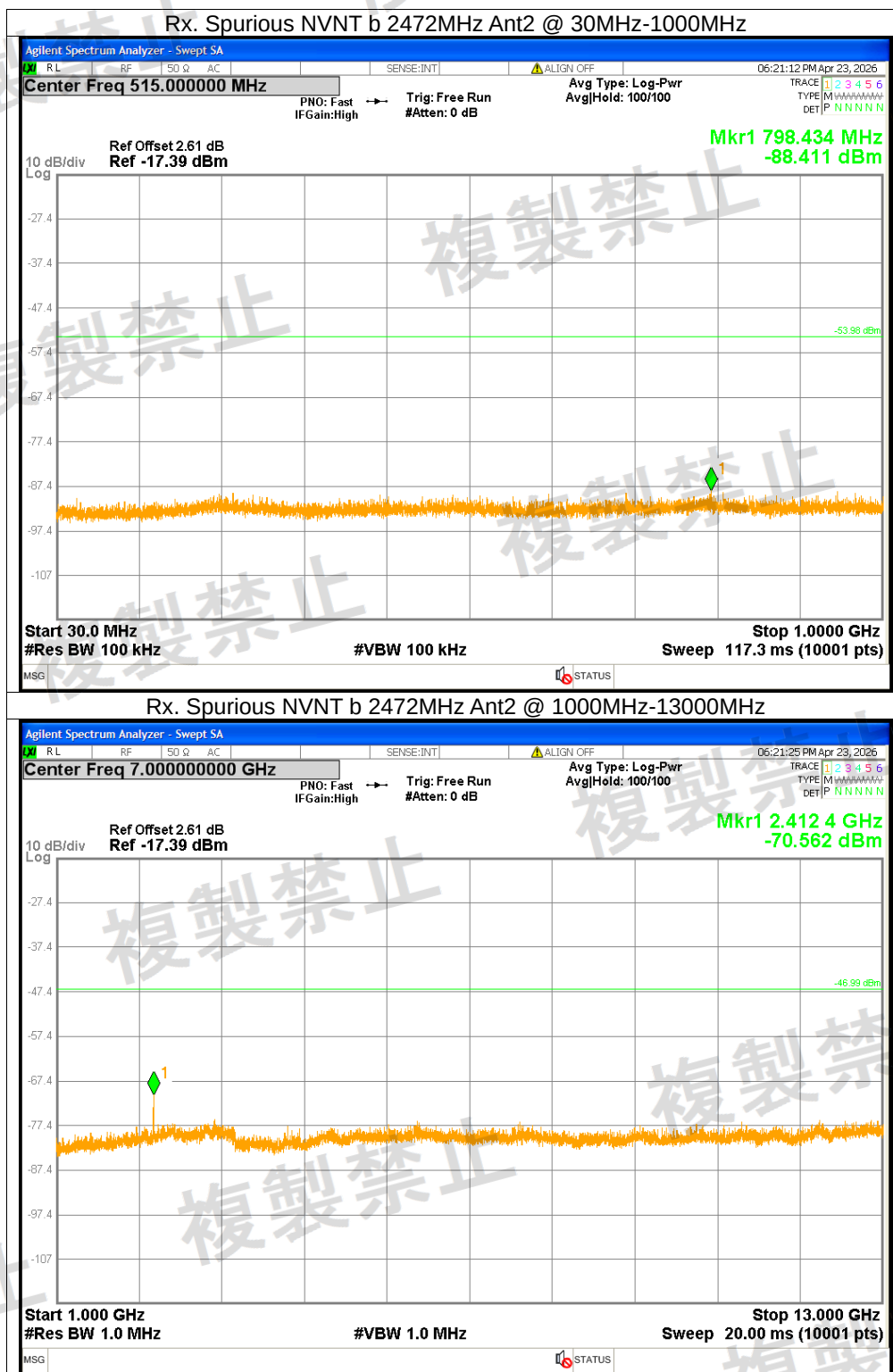
Rx Spurious Emission

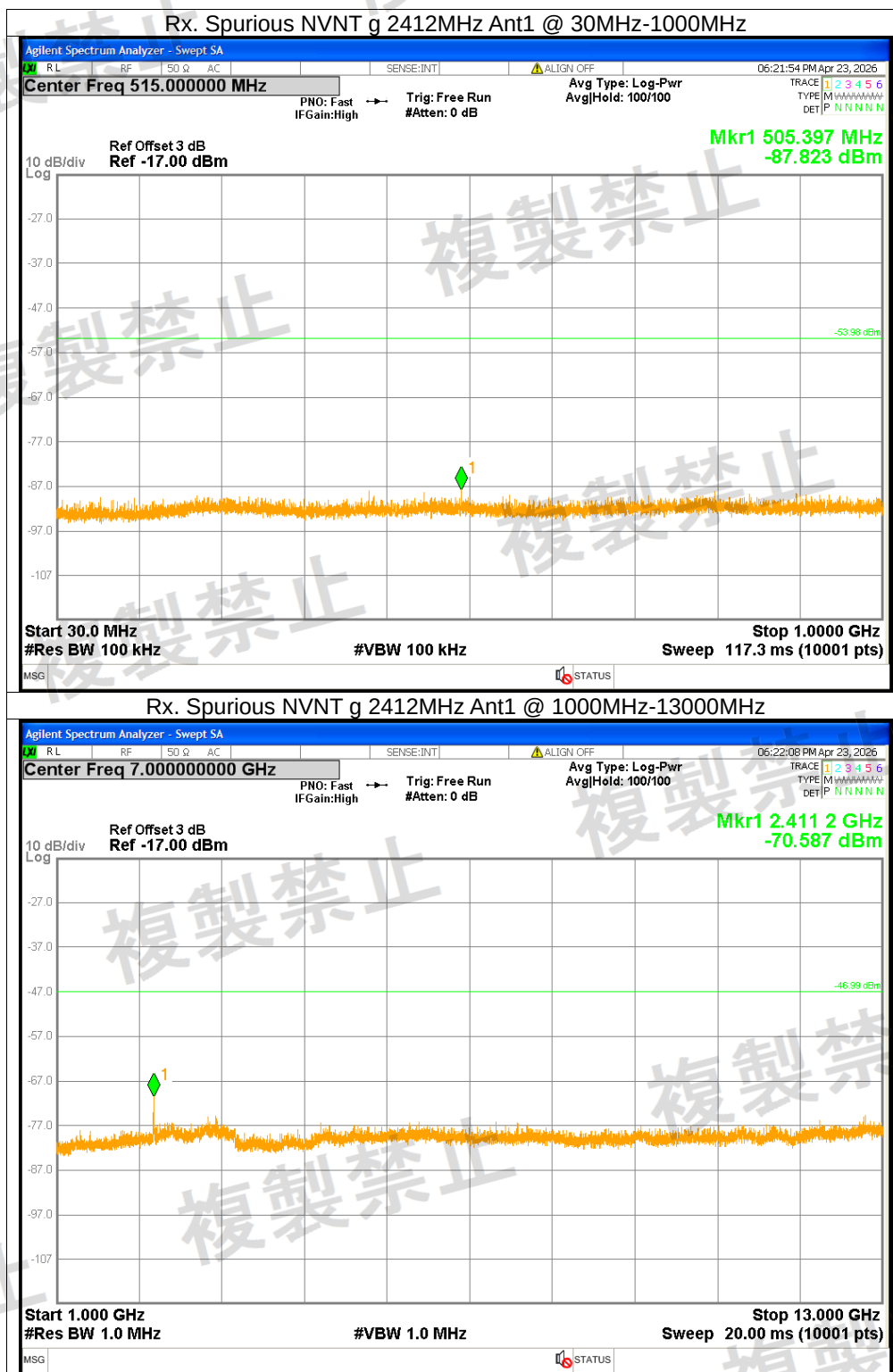
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	b	2412	Ant1	30-1000	927.83	-87.97	0.0016	4	Pass
NVNT	b	2412	Ant1	1000-13000	2410	-71.31	0.074	20	Pass
NVNT	b	2472	Ant1	30-1000	795.52	-87.87	0.0016	4	Pass
NVNT	b	2472	Ant1	1000-13000	2413.6	-71.74	0.067	20	Pass
NVNT	b	2412	Ant2	30-1000	864.78	-88.38	0.0015	4	Pass
NVNT	b	2412	Ant2	1000-13000	2413.6	-75.32	0.0294	20	Pass
NVNT	b	2472	Ant2	30-1000	798.43	-88.41	0.0014	4	Pass
NVNT	b	2472	Ant2	1000-13000	2412.4	-70.56	0.0879	20	Pass
NVNT	g	2412	Ant1	30-1000	505.4	-87.82	0.0017	4	Pass
NVNT	g	2412	Ant1	1000-13000	2411.2	-70.59	0.0873	20	Pass
NVNT	g	2472	Ant1	30-1000	915.9	-88.48	0.0014	4	Pass
NVNT	g	2472	Ant1	1000-13000	2411.2	-70.29	0.0935	20	Pass
NVNT	g	2412	Ant2	30-1000	704.44	-88.58	0.0014	4	Pass
NVNT	g	2412	Ant2	1000-13000	2411.2	-71.83	0.0656	20	Pass
NVNT	g	2472	Ant2	30-1000	941.99	-88.44	0.0014	4	Pass
NVNT	g	2472	Ant2	1000-13000	2419.6	-69.75	0.1059	20	Pass
NVNT	n20	2412	Ant1	30-1000	212.55	-88.15	0.0015	4	Pass
NVNT	n20	2412	Ant1	1000-13000	2414.8	-70.55	0.0881	20	Pass
NVNT	n20	2412	Ant2	30-1000	807.94	-88.33	0.0015	4	Pass
NVNT	n20	2412	Ant2	1000-13000	2411.2	-71.17	0.0764	20	Pass
NVNT	n20	2472	Ant1	30-1000	786.31	-88.45	0.0014	4	Pass
NVNT	n20	2472	Ant1	1000-13000	2413.6	-71.23	0.0753	20	Pass
NVNT	n20	2472	Ant2	30-1000	588.82	-88.56	0.0014	4	Pass
NVNT	n20	2472	Ant2	1000-13000	2413.6	-71.22	0.0755	20	Pass
NVNT	n40	2422	Ant1	30-1000	780.78	-87.71	0.0017	4	Pass
NVNT	n40	2422	Ant1	1000-13000	2411.2	-71.64	0.0685	20	Pass
NVNT	n40	2422	Ant2	30-1000	343.6	-88.3	0.0015	4	Pass
NVNT	n40	2422	Ant2	1000-13000	2410	-68.71	0.1346	20	Pass
NVNT	n40	2462	Ant1	30-1000	188.79	-87.48	0.0018	4	Pass
NVNT	n40	2462	Ant1	1000-13000	2411.2	-74.34	0.0368	20	Pass
NVNT	n40	2462	Ant2	30-1000	188.69	-88.53	0.0014	4	Pass
NVNT	n40	2462	Ant2	1000-13000	2414.8	-73.38	0.0459	20	Pass
NVNT	ax20	2412	Ant1	30-1000	819.58	-88.35	0.0015	4	Pass
NVNT	ax20	2412	Ant1	1000-13000	2410	-73.26	0.0472	20	Pass
NVNT	ax20	2412	Ant2	30-1000	896.31	-88.52	0.0014	4	Pass
NVNT	ax20	2412	Ant2	1000-13000	2411.2	-70.45	0.0902	20	Pass
NVNT	ax20	2472	Ant1	30-1000	473.78	-87.04	0.002	4	Pass
NVNT	ax20	2472	Ant1	1000-13000	2407.6	-69.65	0.1084	20	Pass
NVNT	ax20	2472	Ant2	30-1000	807.16	-88.6	0.0014	4	Pass
NVNT	ax20	2472	Ant2	1000-13000	2413.6	-70.07	0.0984	20	Pass
NVNT	ax40	2422	Ant1	30-1000	790.38	-88.17	0.0015	4	Pass
NVNT	ax40	2422	Ant1	1000-13000	2411.2	-71.79	0.0662	20	Pass
NVNT	ax40	2422	Ant2	30-1000	727.92	-89.15	0.0012	4	Pass
NVNT	ax40	2422	Ant2	1000-13000	2412.4	-70.46	0.0899	20	Pass
NVNT	ax40	2462	Ant1	30-1000	942.77	-88.35	0.0015	4	Pass
NVNT	ax40	2462	Ant1	1000-13000	2417.2	-68.06	0.1563	20	Pass
NVNT	ax40	2462	Ant2	30-1000	232.24	-87.93	0.0016	4	Pass
NVNT	ax40	2462	Ant2	1000-13000	2416	-71.89	0.0647	20	Pass

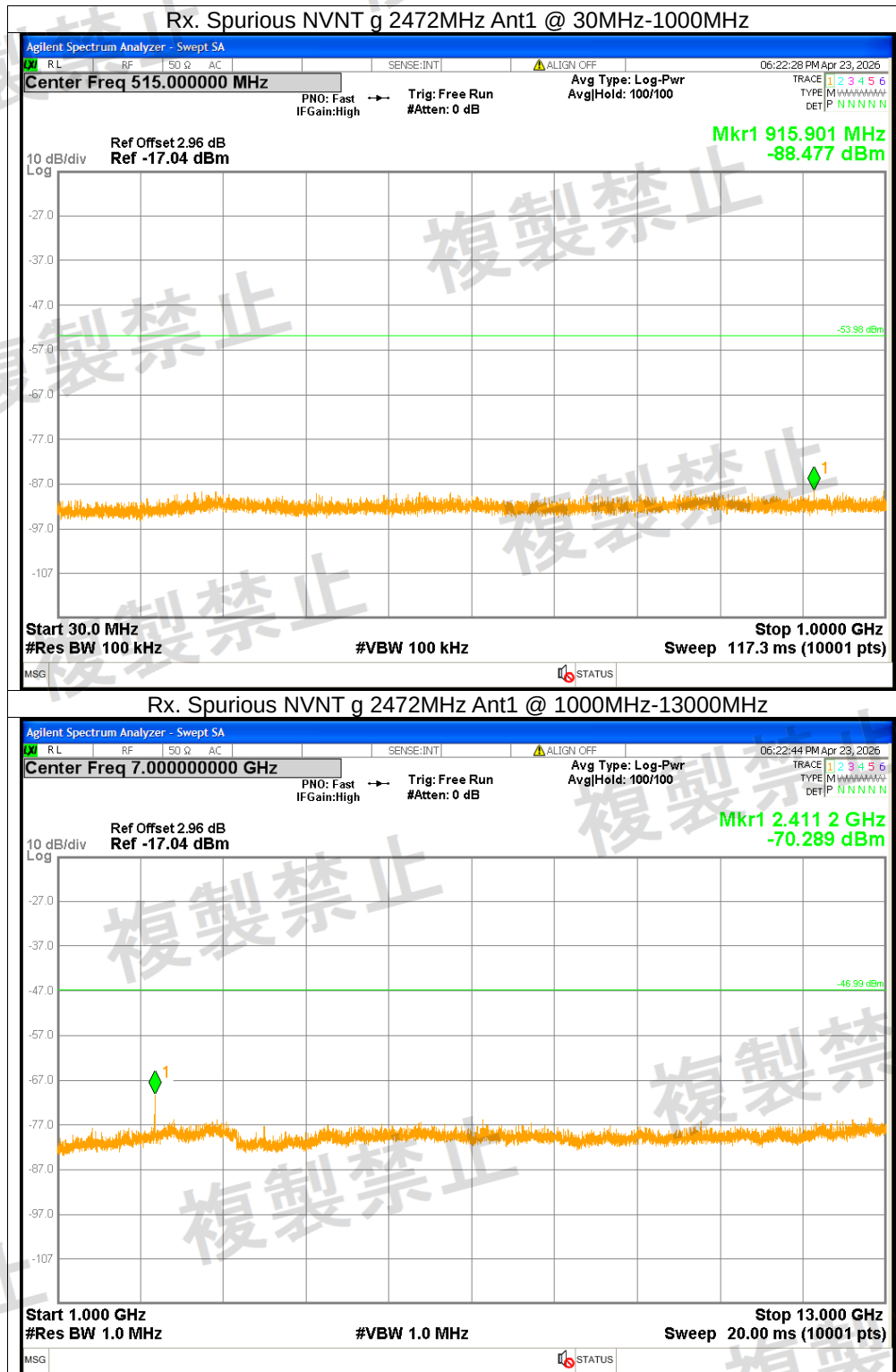


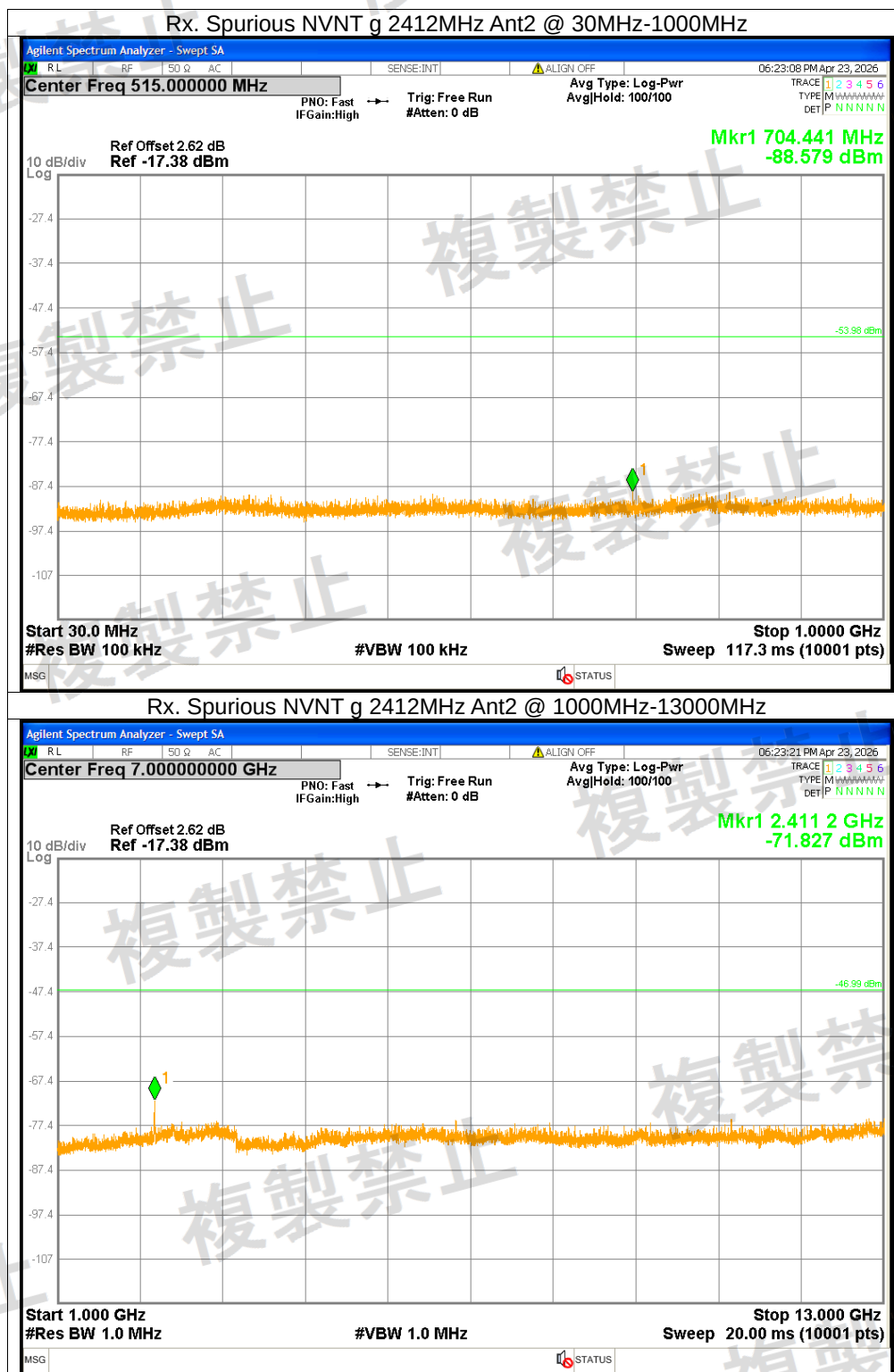


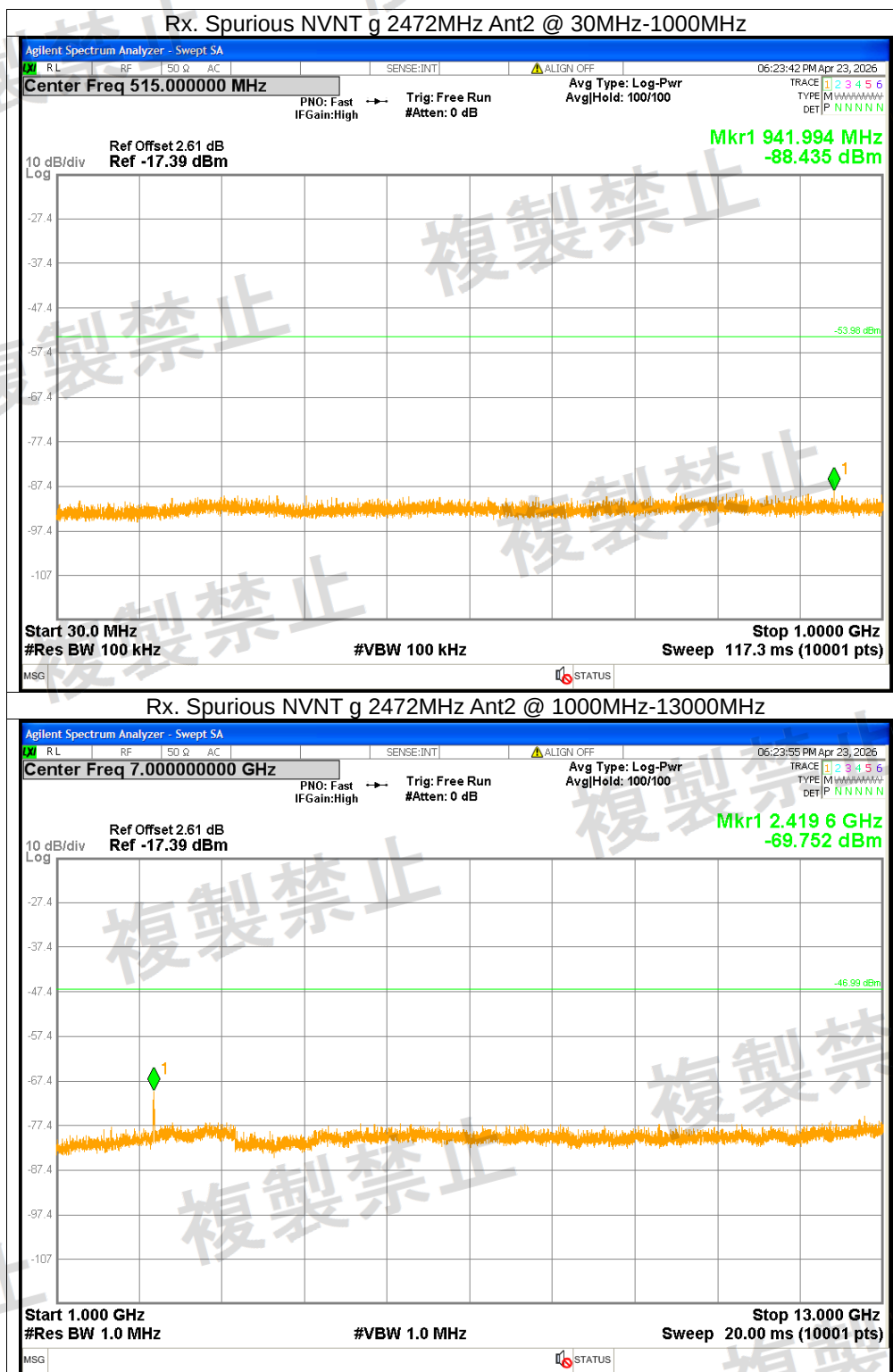


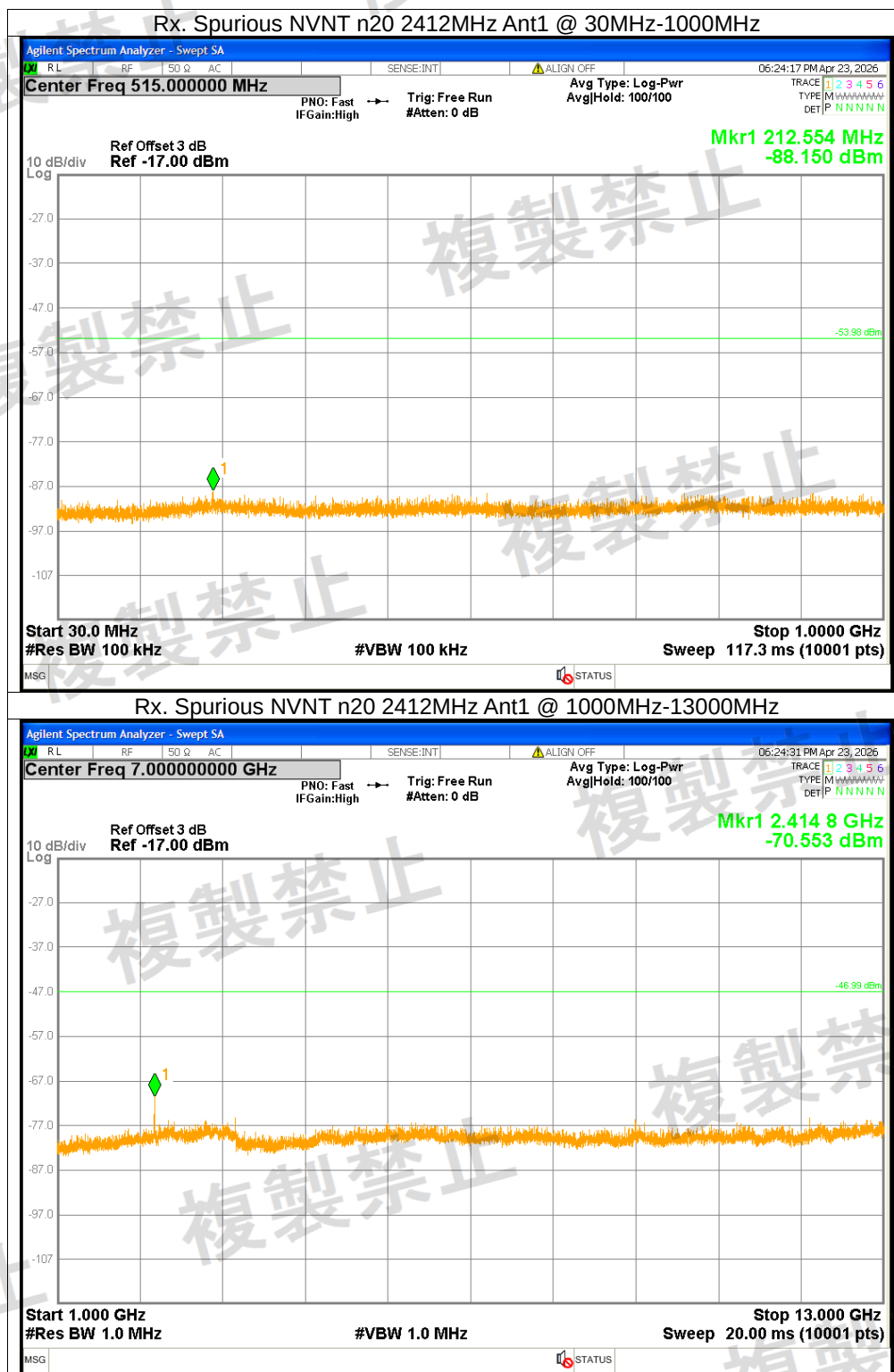


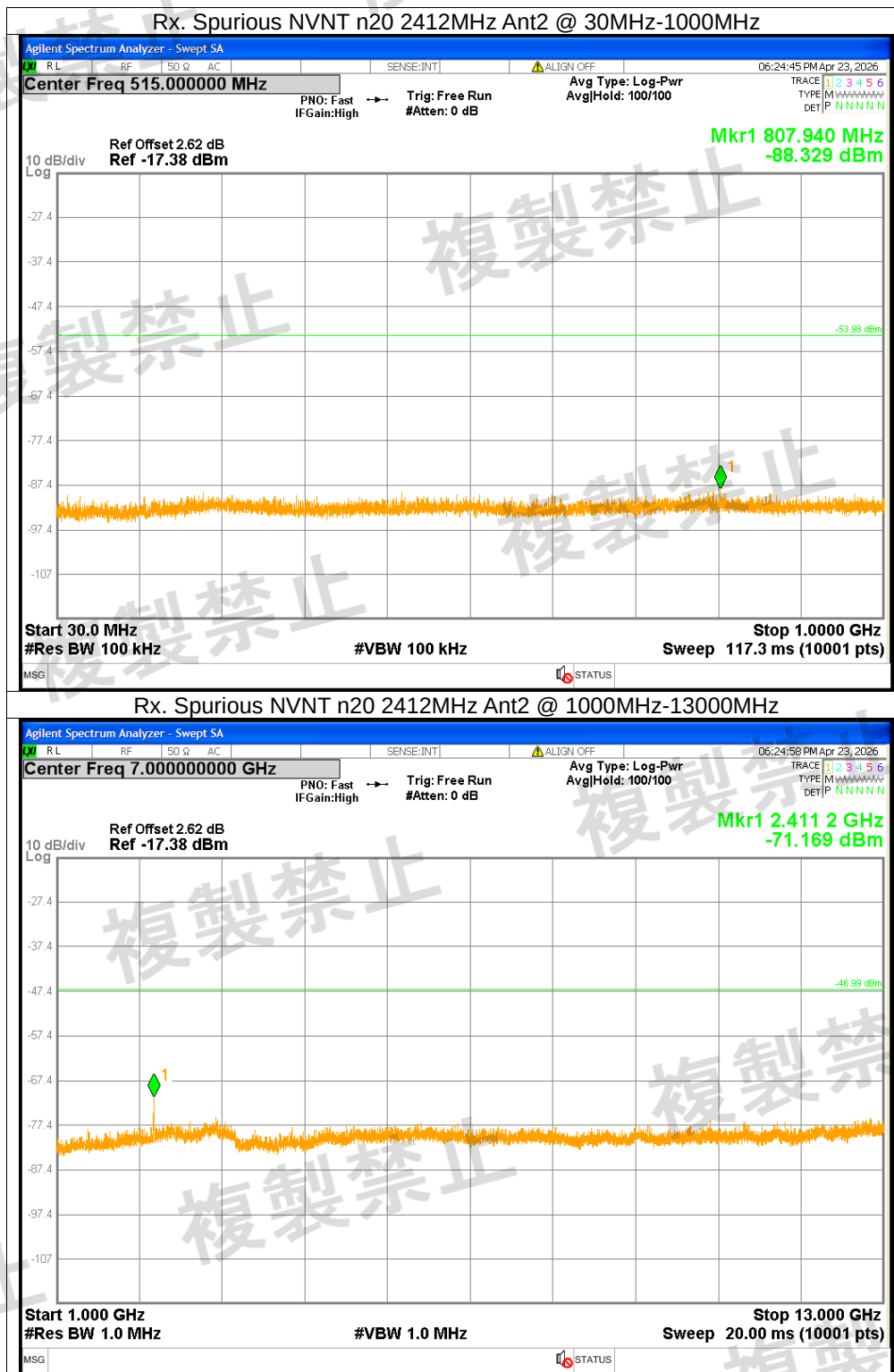


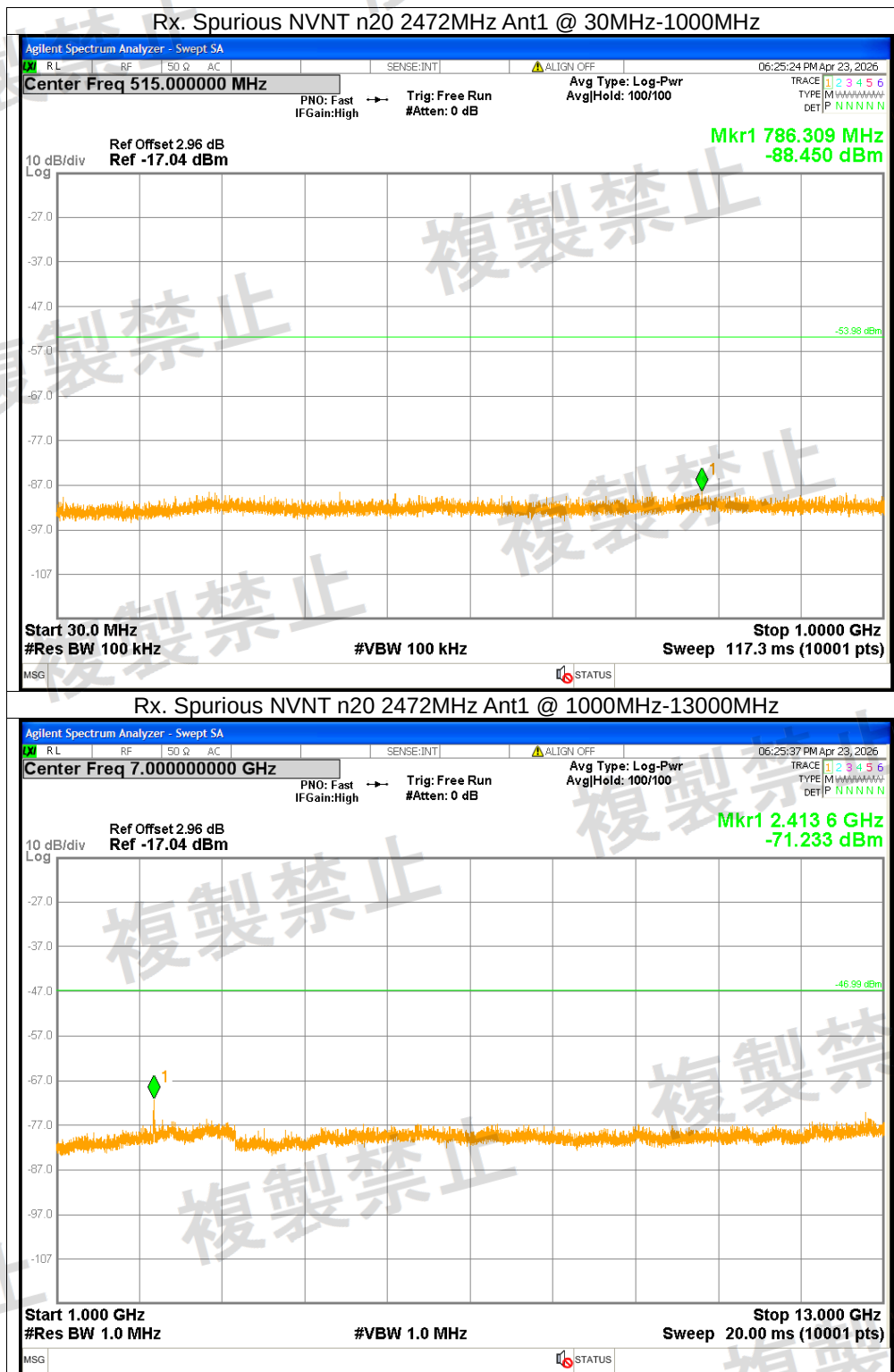


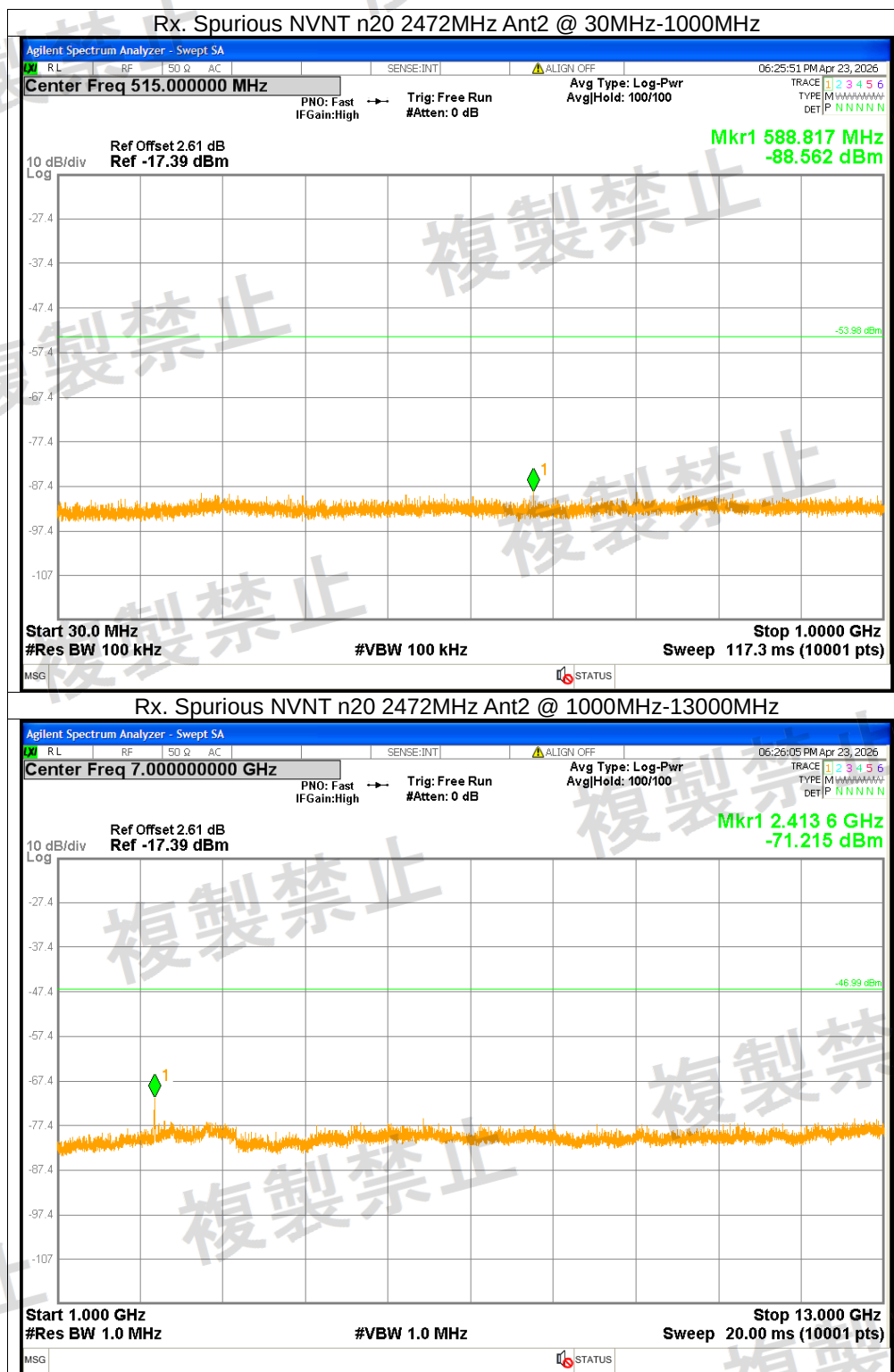


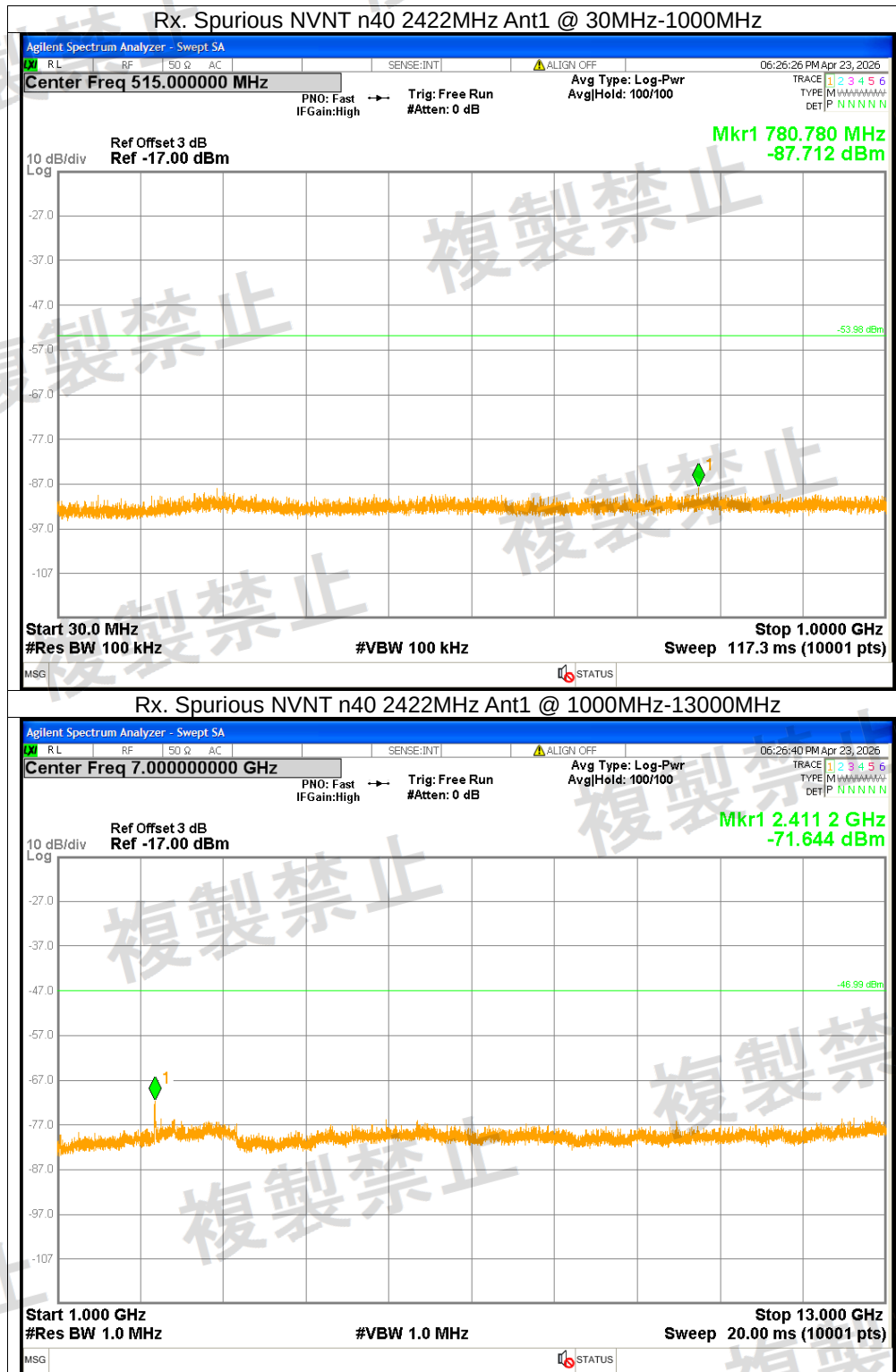


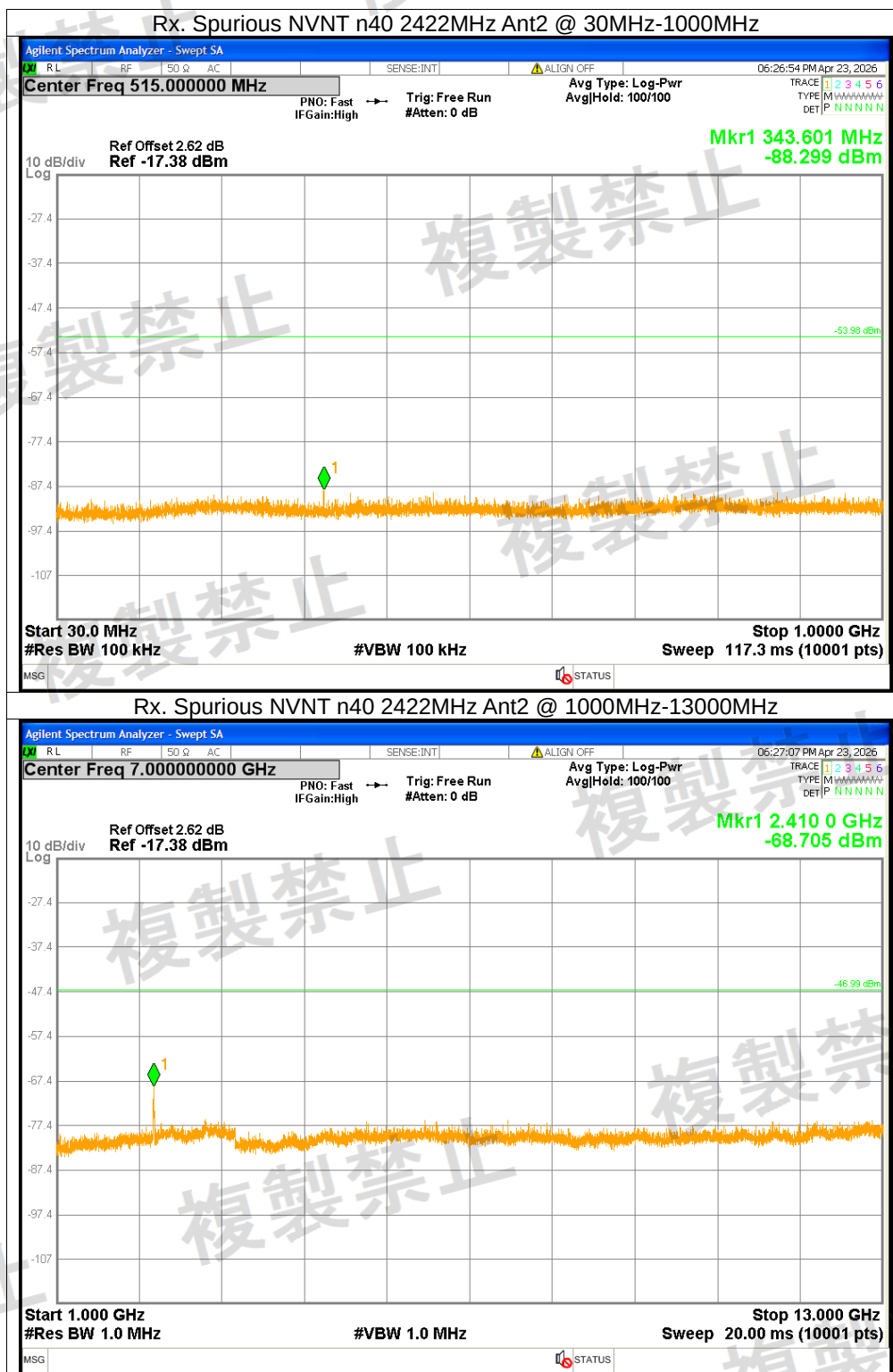


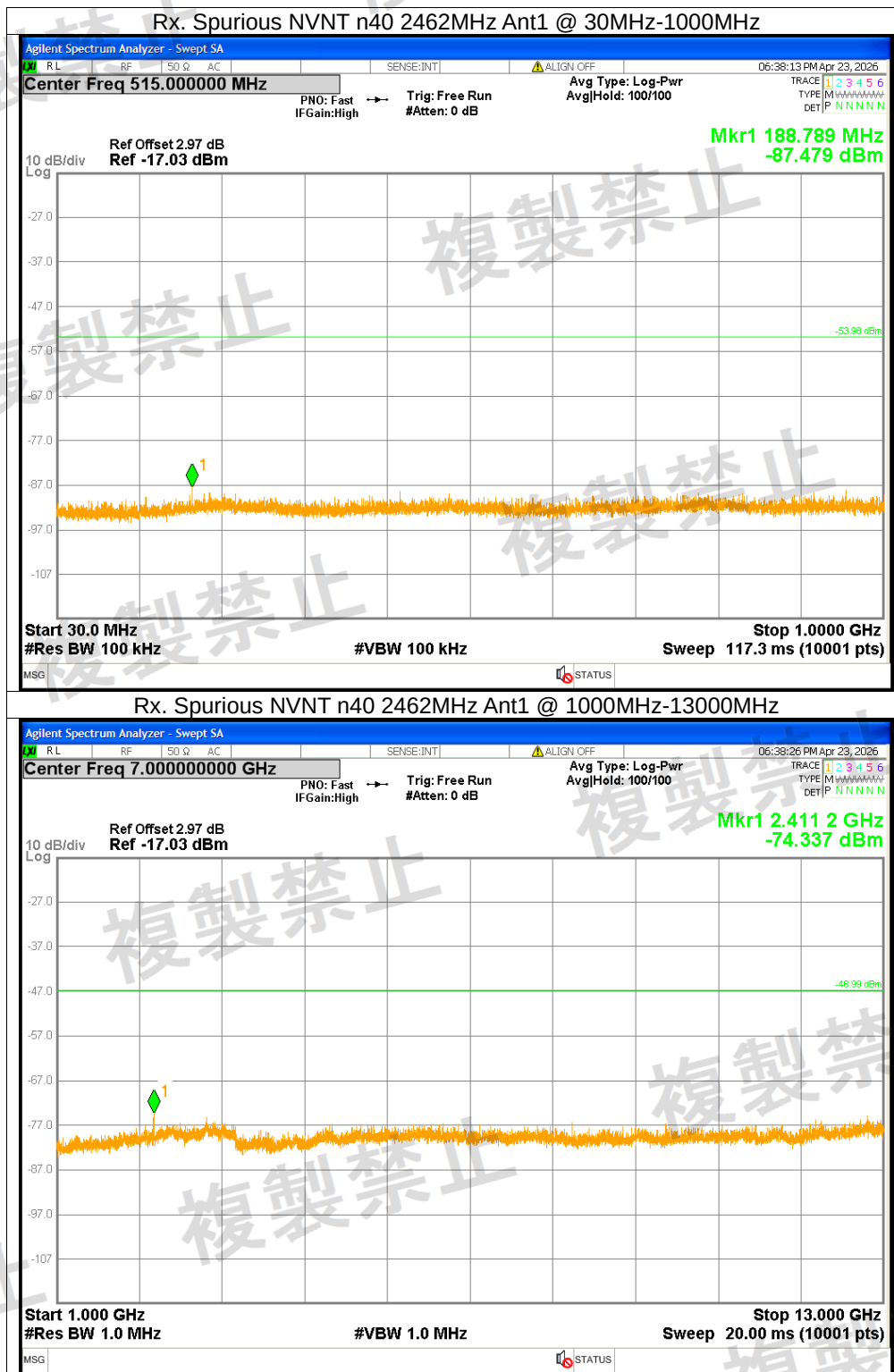


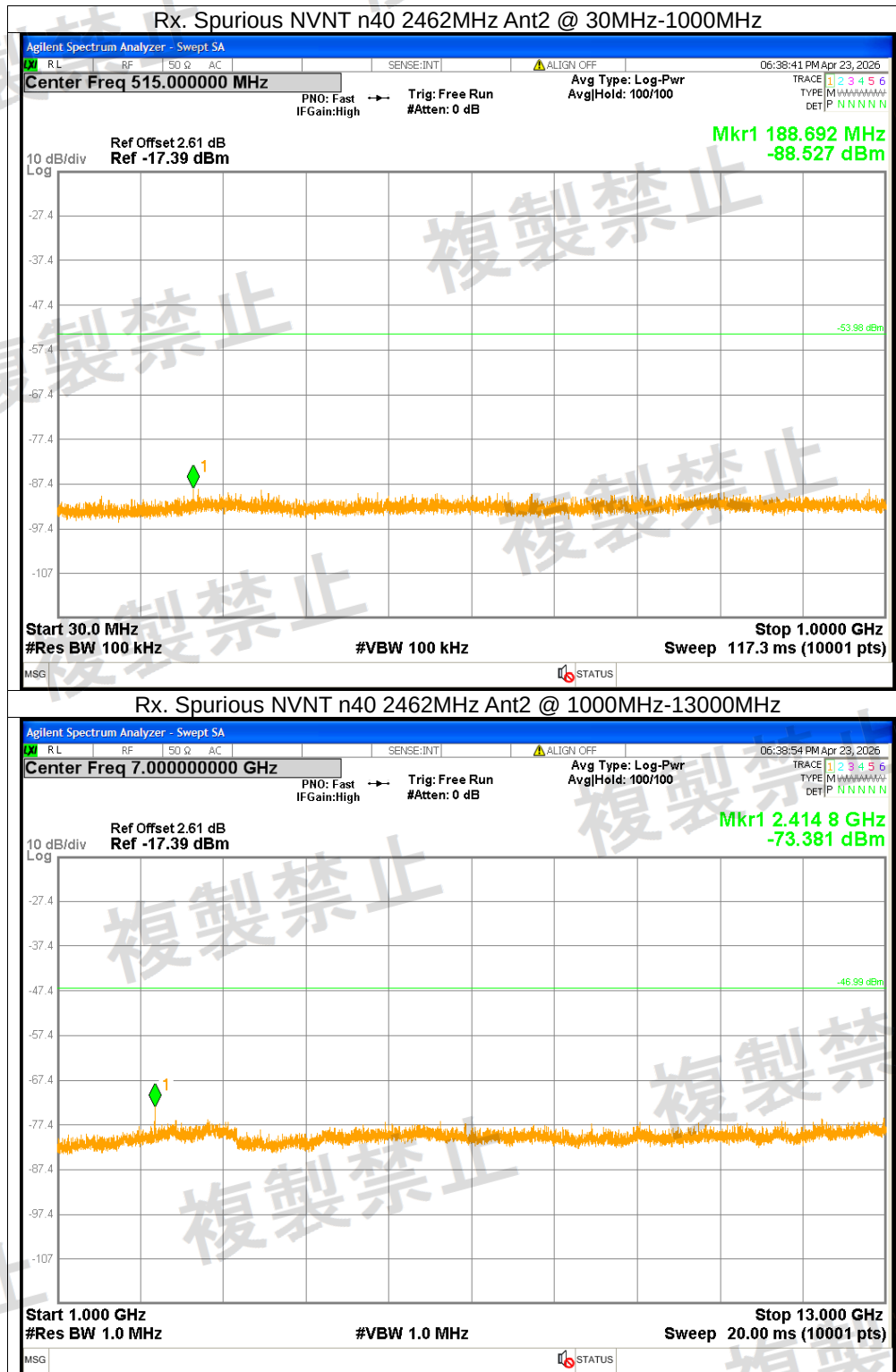


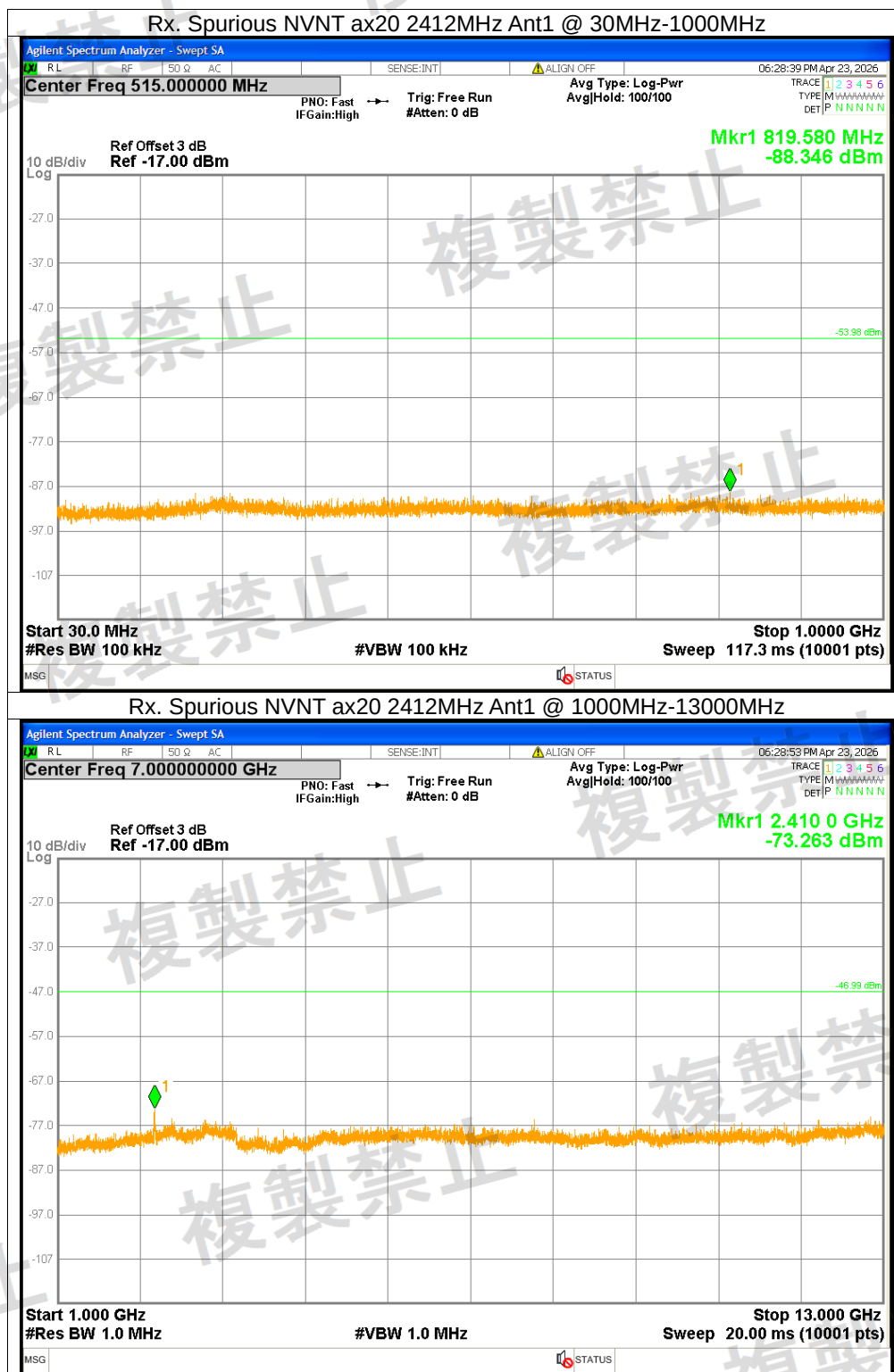


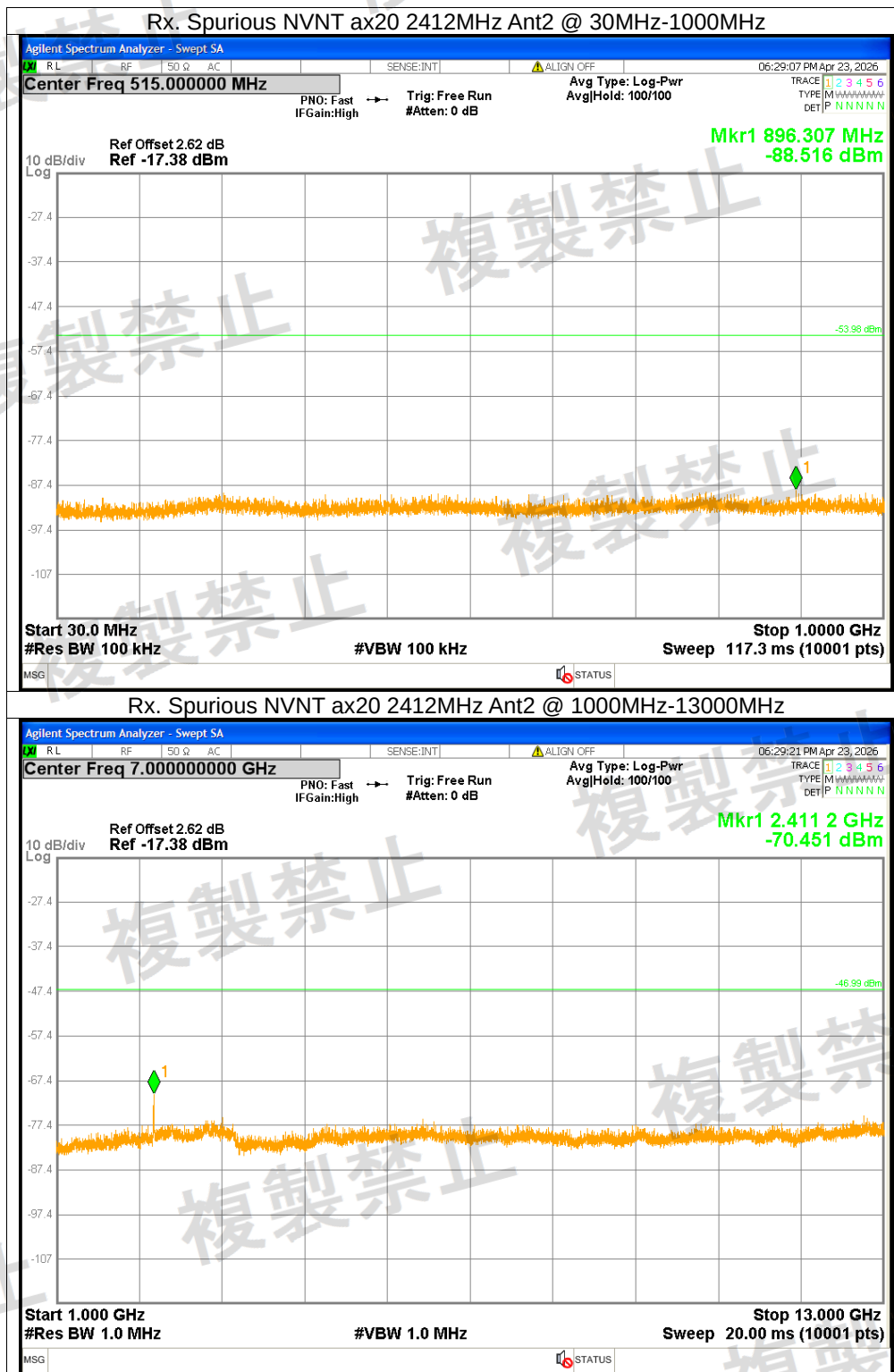


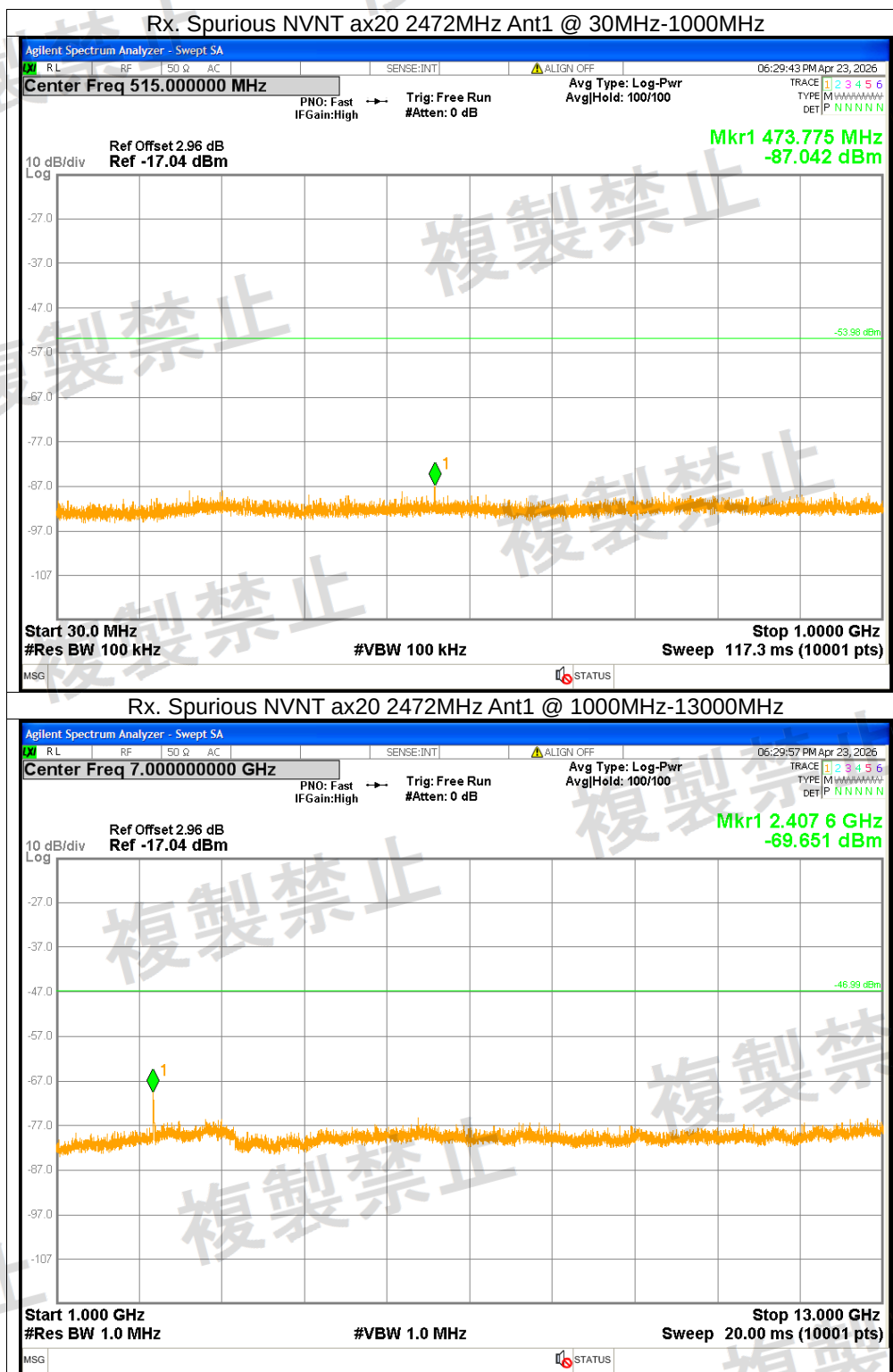


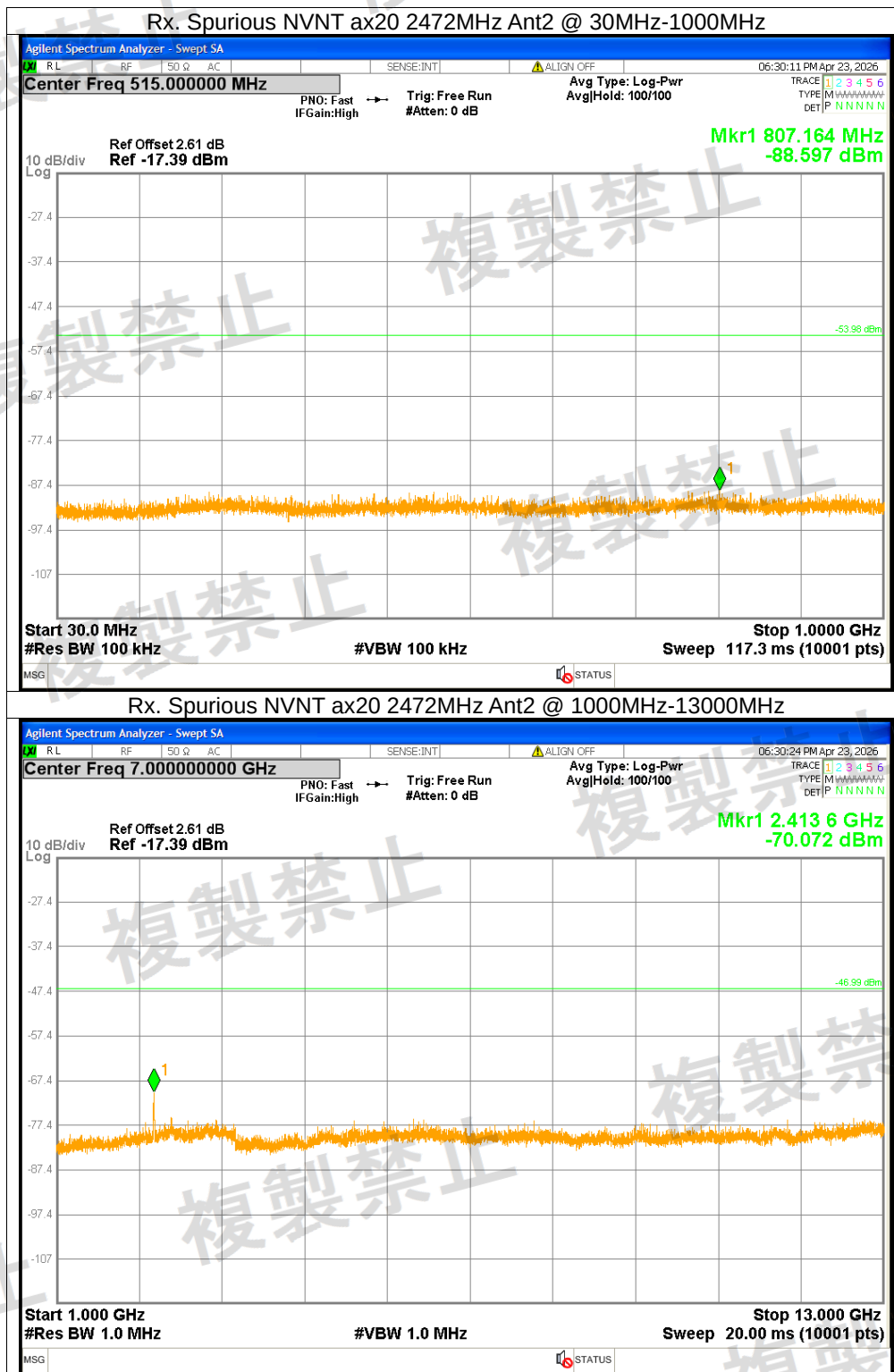


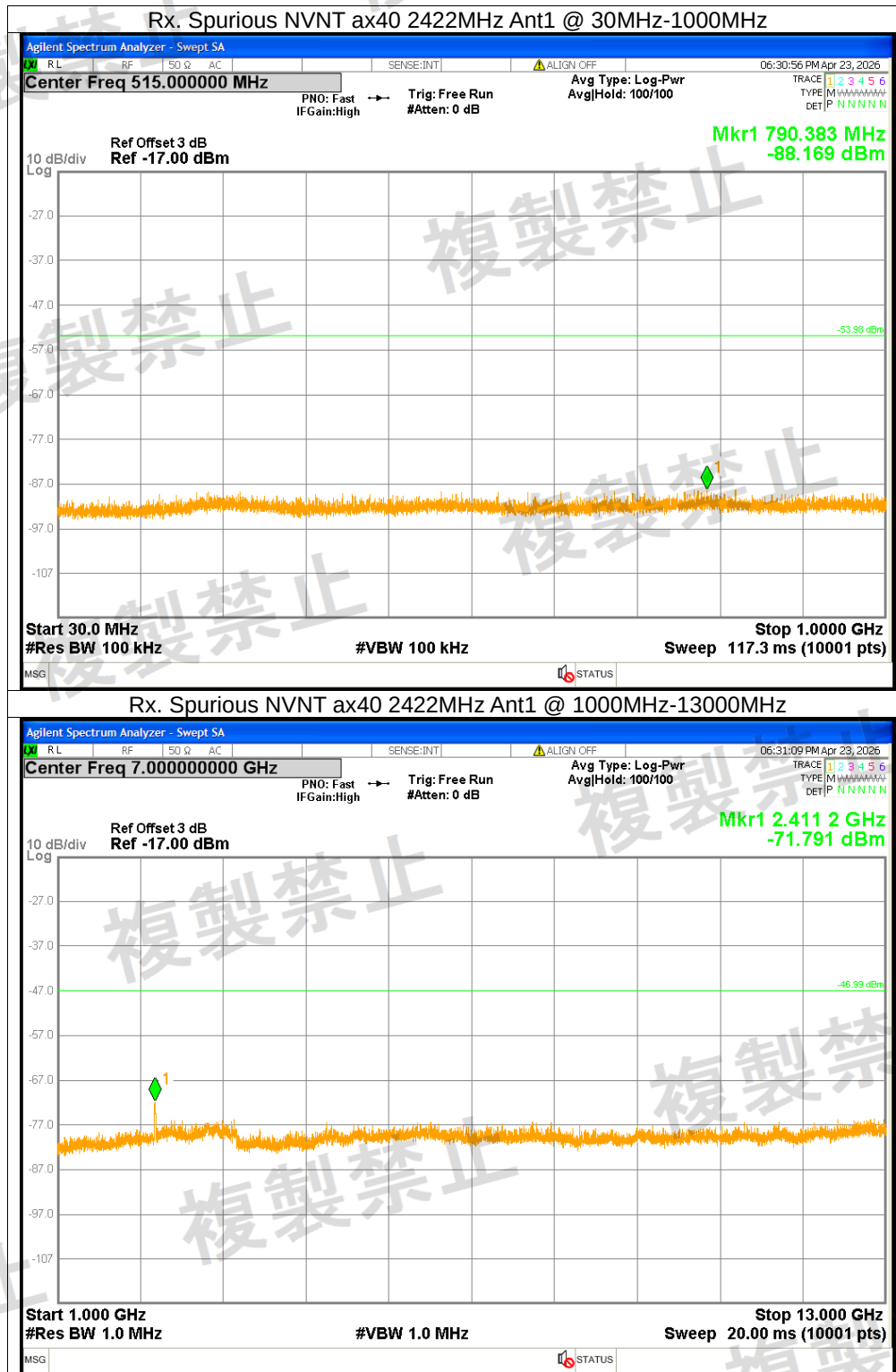


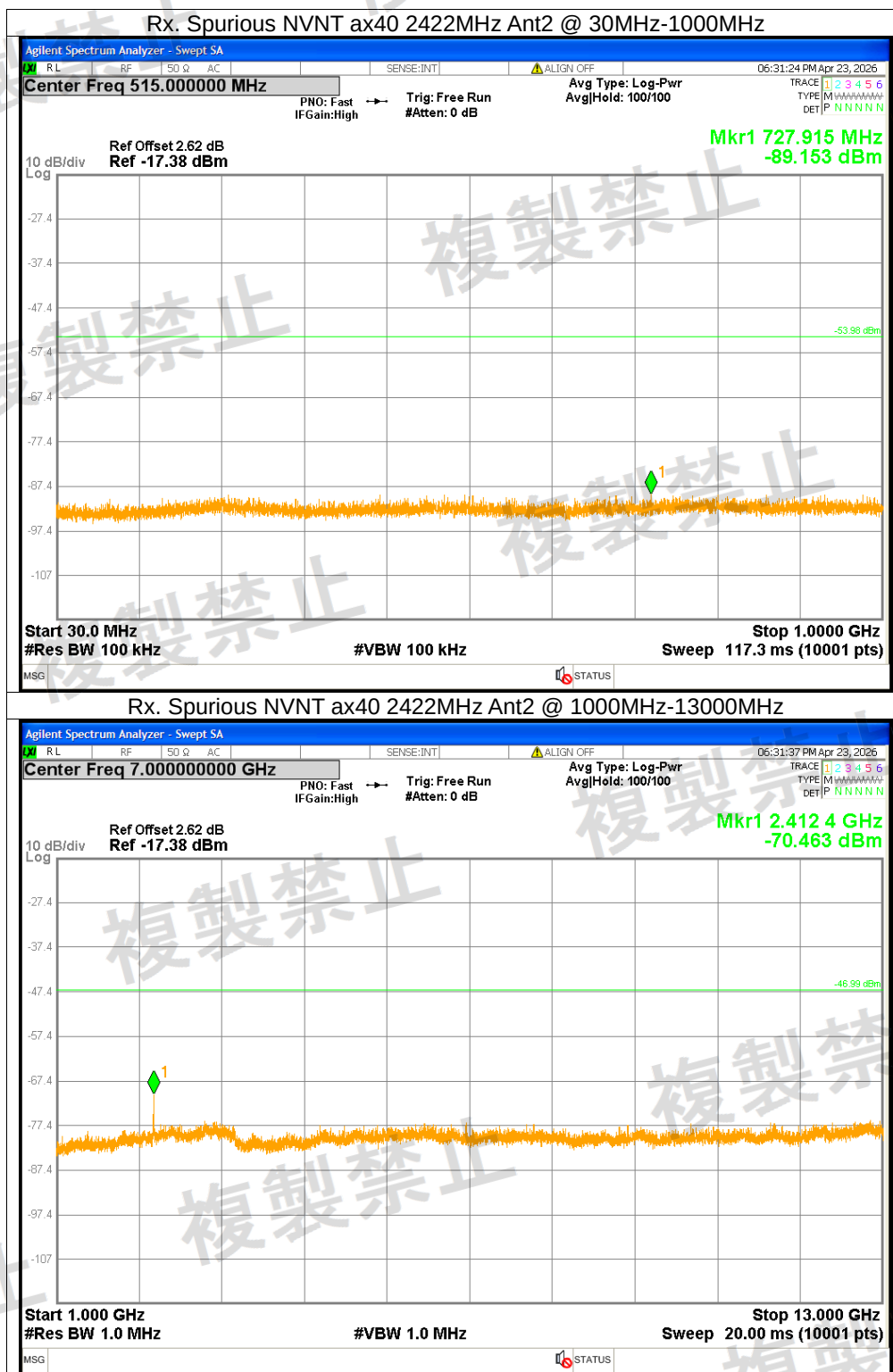


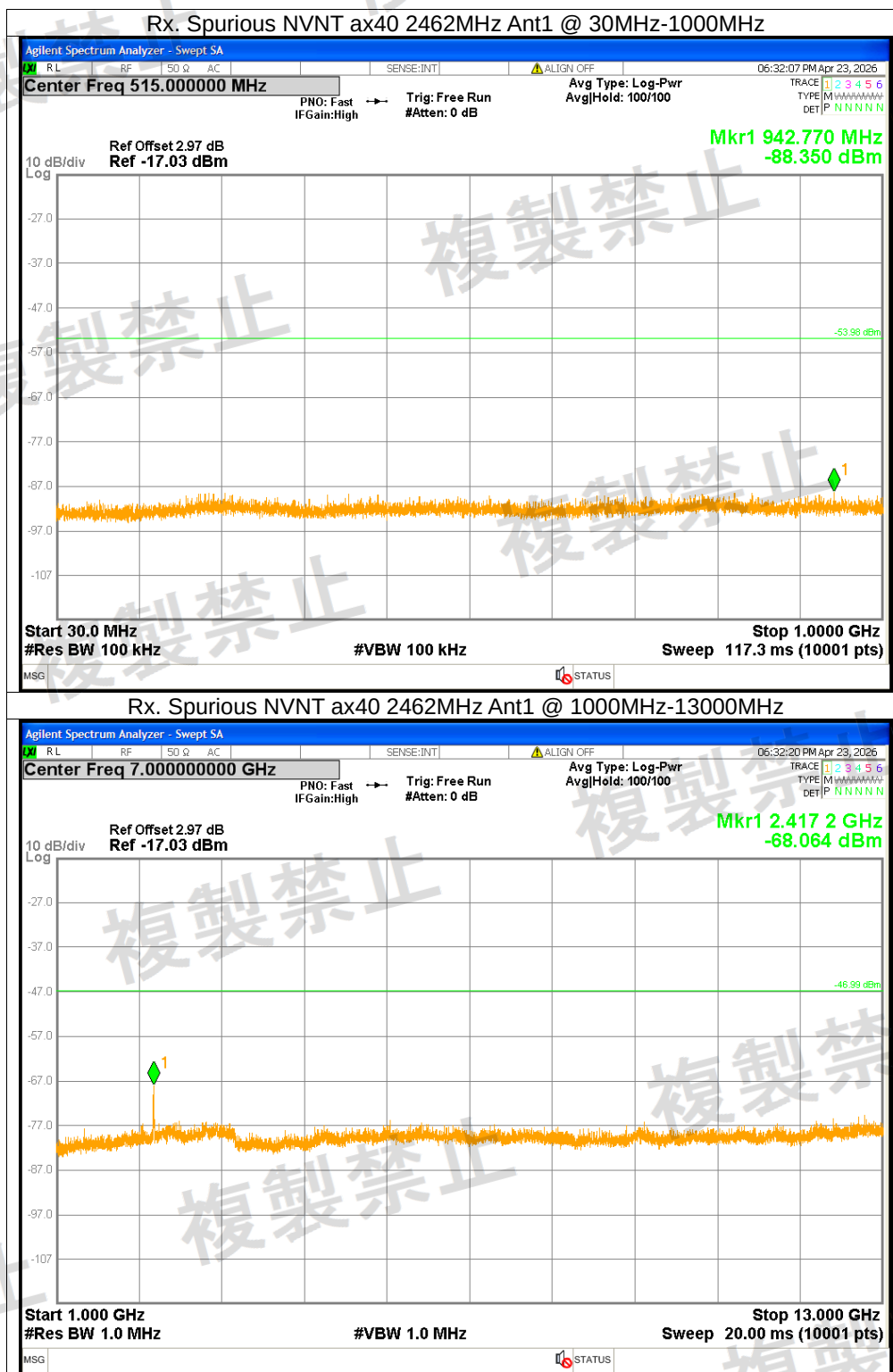


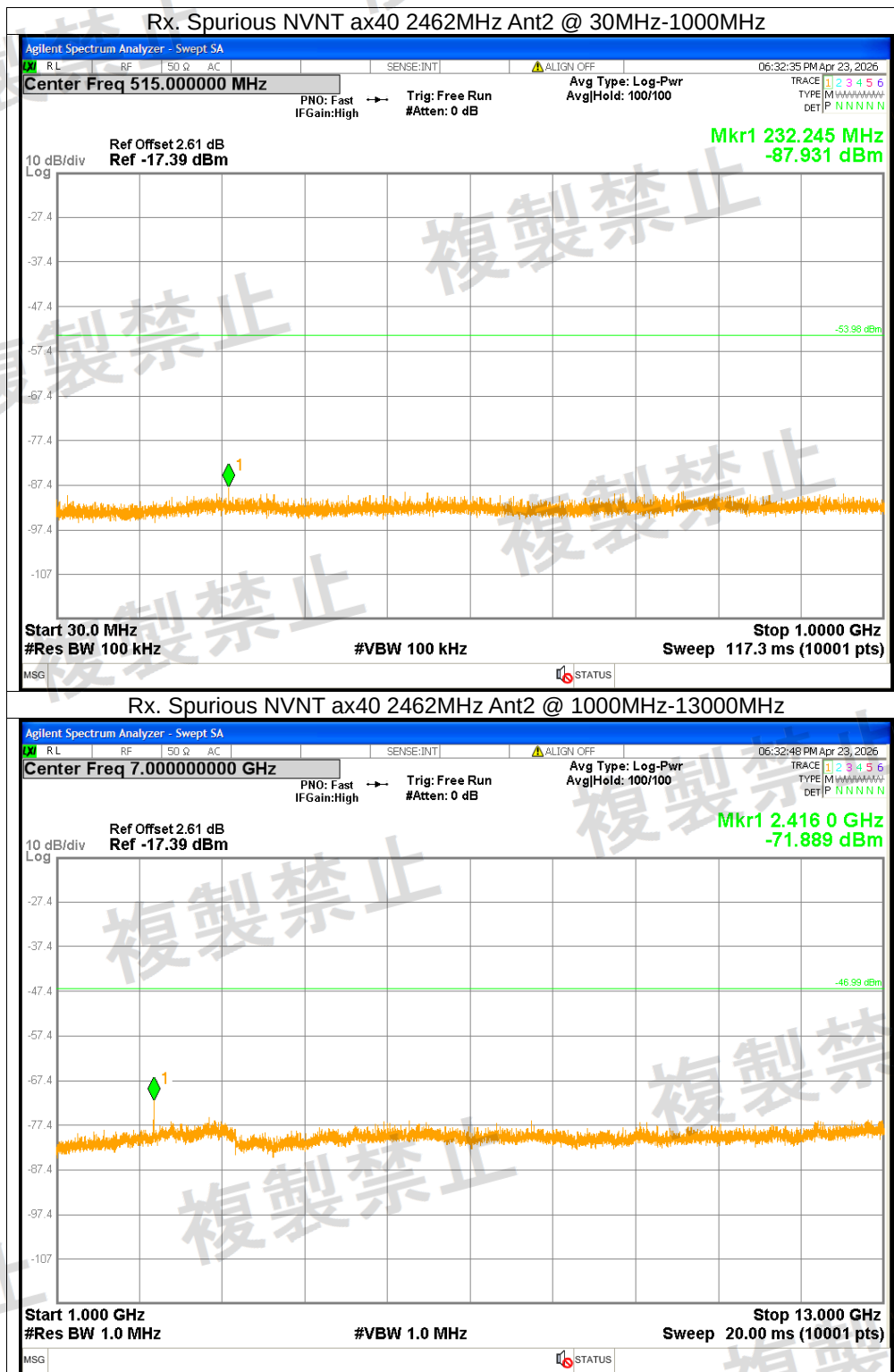














APPENDIX 2-EUT TEST PHOTO

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※END OF THE REPORT※※※※