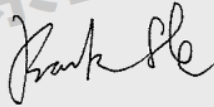


Test report No:

2630259R.703D

MIC TEST REPORT

Product Name	Insta360 Luna Pro
Trademark	Insta360
Model and /or type reference	CINSACHA
Applicant's name / address	Arashi Vision Inc. 11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, 518000 Shenzhen, Guangdong, China
Test method requested, standard	Notification No. 88 Annex 43 Article 2 Paragraph 1 item 19
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao / Project Manager 
Approved by (name / position & signature)	Frank He / Technical Manager 
Date of issue	2026-04-15
Report Version	V1.0
Report template No	Template_MIC-BT-RF-V1.0

INDEX

	page
Competences and Guarantees	4
General conditions	4
Document History	5
Test Summary	6
Used Equipment	7
Uncertainty	8
1 General Information.....	9
2 Description of Test Setup	10
2.1 Test Voltage.....	11
3 Verdict summary section	12
3.1 Standards.....	12
3.2 Deviation(s) from the Standard(s) / Test Specification(s).....	12
4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE	13
4.1 Antenna Power Antenna Power Tolerance and E.I.R.P.....	13
4.1.1 Limit	13
4.1.2 Test Set up.....	13
4.1.3 Test Procedure.....	13
4.2 Occupied Bandwidth.....	14
4.2.1 Limit	14
4.2.2 Test Setup.....	14
4.2.3 Test Procedure.....	14
4.3 Frequency Tolerance.....	15
4.3.1 Limit	15
4.3.2 Test Setup.....	15
4.3.3 Test Procedure.....	16
4.4 Transmitter Spurious Emission	17
4.4.1 Limit	17
4.4.2 Test Setup.....	17
4.4.3 Test Procedure.....	18
4.5 Receiver Spurious Emission	19
4.5.1 Limit	19
4.5.2 Test Setup.....	19
4.5.3 Test Procedure.....	19

4.6	Interference Prevention Function Measurement.....	21
4.6.1	Limit	21
4.6.2	Test Setup.....	21
4.6.3	Test Procedure	21
5	Conforming the structure that is difficult to open	22
6	Setup photo and EUT photo	23
	Antenna Power Tolerance and E.I.R.P	25
	Frequency Error	27
	Occupied Bandwidth	30
	Spread Bandwidth	33
	Spurious Emission of TX	36
	Spurious Emission of RX	57
	Interference Prevention Function	65

COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Facility	A2LA (Certificate No. 3235.01) CNAS (Certificate No. L5313) FCC - Designation Number: CN1199 Test Firm Registration Number: 566524 ISED - CAB identifier: CN0040 IC#: 4075B
Date (receive sample)	Mar. 23, 2026
Date (start test)	Apr. 05, 2026
Date (finish test)	Apr. 10, 2026

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, it is not necessary to account the uncertainty associated with the measurement result.

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2630259R.703D	V1.0	Initial issue of report.	2026-04-15

TEST SUMMARY

Test Item - MIC notification 88 Annex 43				
Performed Test Item	Normative References	Test Performed	Verdict	Remark
Antenna Power Antenna Power Tolerance and E.I.R.P	MIC notification 88 Annex 43 section 6	Yes	PASS	Test data please refer to Appendix
Occupied Bandwidth	MIC Notification 88 Annex 43 section 4	Yes	PASS	Test data please refer to Appendix
Frequency Tolerance	MIC Notification 88 Annex 43 section 3	Yes	PASS	Test data please refer to Appendix
Transmitter Spurious Emissions	MIC Notification 88 Annex 43 section 7	Yes	PASS	Test data please refer to Appendix
Receiver Spurious Emissions	MIC Notification 88 Annex 43 section 7	Yes	PASS	Test data please refer to Appendix
Interference Prevention Function	MIC Notification 88 Annex 43 section 12	Yes	PASS	Test data please refer to Appendix
Note2: Based on the original DEKRA report 2610076R.703D, this product has changed the DDR model and removed the front ISP and I2C resistor of the secondary camera. The product has been changed from a dual-camera to a single-camera design, and the RF module and RF circuitry remain unchanged. Based on technical assessment, sampling inspections for Power and Spurious Emission verification were conducted only under the most extreme conditions. For related test data, please refer to DEKRA report 2610076R.703D.				

USED EQUIPMENT

Conducted Test/ TR8

Instrument	Manufacturer	Model No.	Serial No.	Cal. Date	Next Cal. Date
Wireless Connectivity Tester	R&S	CMW 270	102593	2025.05.10	2026.05.09
Temperature/Humidity Meter	RTS	RTS-8S	RF07	2025.06.17	2026.06.16
MAX Signal Analyzer	Keysight	N9010A	MY48030494	2025.09.20	2026.09.19
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.12.07	2026.12.06
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	2026.01.18	2027.01.17
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	2026.01.18	2027.01.17
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2025.05.10	2026.05.09

Instrument	Manufacturer	Model No.	Serial No.	Firmware Version	Software version	Calibration Body	Calibration Method
Wireless Connectivity Tester	R&S	CMW 270	102593	V 4.0.60	N/A	CEPREI	c
Temperature/Humidity Meter	RTS	RTS-8S	RF07	N/A	N/A	CEPREI	c
MAX Signal Analyzer	Keysight	N9010A	MY48030494	A.14.03	N/A	CEPREI	c
RF Control Unit	Tonscend	JS0806-2	22G8060594	N/A	N/A	CEPREI	c
MXG-B RF Vector Signal Generator	Keysight	N5182B	MY61252529	B.01.96	N/A	CEPREI	c
Frequency extender for EXG or MXG	Keysight	N5182BX07	MY59362500	N/A	N/A	CEPREI	c
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	B.01.95	N/A	GRGTEST	c

Calibration Method:

(a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).

(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

(d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c).

the calibration corresponds to C described above.

From TBL Article 87, paragraph 1, item 2

Notice: Calibration duration for above equipments is 1 year.

CEPREI : China ceprei laboratory calibration & testing centre.

DEKRA : DEKRA Testing and Certification (Suzhou) Co., Ltd.

GRGTEST: Grg Metrology&Test (WuXi) Co.,Ltd.

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Test item	Uncertainty
Antenna Power Antenna Power Tolerance and E.I.R.P	± 1.3 dB
Occupied Bandwidth	± 0.15 kHz
Frequency Tolerance	± 0.15 kHz
Transmitter Spurious Emissions	± 1.3 dB
Receiver Spurious Emissions	± 1.3 dB

1 GENERAL INFORMATION

Product Name:	Insta360 Luna Pro
Model Name:	CINSACHA
Trademark:	Insta360
Hardware Version:	V10
Software Version:	V1.2.51
Manufacturer:	Arashi Vision Inc.
Manufacturer Address:	11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, 518000 Shenzhen, Guangdong, China
Power Supply:	3.85 Vdc, EUT is equipped with an adapter to power it via AC/DC.
SN:	N/A
Wireless specification:	Bluetooth(BLE)
Operating frequency range(s):	2402~2480MHz
Type of Modulation :	LE 1Mbps & LE 2Mbps
Antenna Type:	FPC
Antenna Gain:	0.64 dBi
Declared Power:	7mW
Remark:	1. As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information. 2. The EUT is equipped with two batteries from different brands; only the manufacturers are different, everything else is identical, and the report only reflects data from the worst-performing battery.

Power setting in test

	Mode	Channel	Frequency (MHz)	Power Setting
Bluetooth	LE_1Mbps	0	2402	Default
		19	2442	Default
		39	2480	Default
	LE_2Mbps	0	2402	Default
		19	2442	Default
		39	2480	Default

2 DESCRIPTION OF TEST SETUP

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	ThinkPad T14	Lenovo	Adapter
(2) USB Control Cable	N/A	N/A	N/A
(3) USB Control Cable	N/A	N/A	N/A
software	Type / Version	Manufacturer	Supplied by
ADB	N/A	N/A	N/A

Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2)USB Control Cable	1	☒	☐

2.1 Test Voltage

Power supply voltage fluctuation test

Voltage Fluctuation Test	Normal Voltage	High Voltage Normal Voltage +10% of	Low Voltage Normal Voltage -10% of
Input To EUT	DC 3.85 V	DC 3.85 V	DC 3.47 V
Test Result	3.30 V	3.30 V	3.30 V
Voltage Variation	Reference	0%	0%
Note: Changing the supply voltage of the EUT will not change the voltage of the RF module. During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if 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%. Exempt extremely high and low supply voltage condition test, EUT only operated in normal voltage to test all regulations.			

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
Article 2 paragraph 1 item (19)	2023	2.4GHz Band Advanced Low Power Data Communication System
Notification No. 88 Annex 43.	2024	Test methods for radio equipment listed in Article 2, Paragraph 1, Item 19 and Item 19-2-2 of Certification Ordinance
--	--	--

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

No deviation

4 TEST ITEMS OF LIMIT/SETUP/PROCEDURE

4.1 Antenna Power Antenna Power Tolerance and E.I.R.P

VERDICT: PASS

4.1.1 Limit

Standard Article 2 paragraph 1 item 19

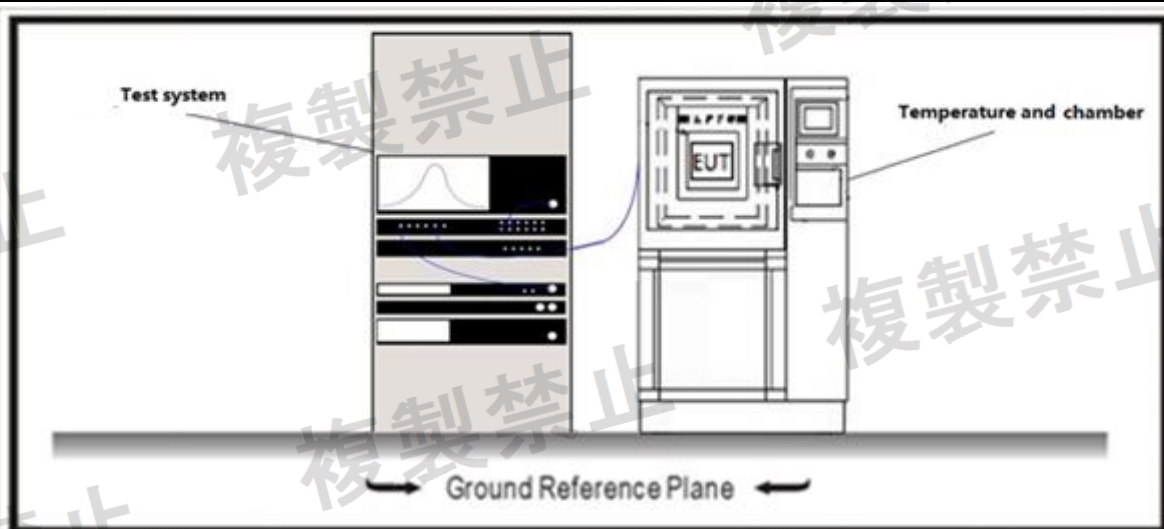
Output Power

- | | |
|-------------------------------------|--|
| ☒ | Max EIRP $\leq 12.14\text{dBm}$ |
| ☒ | Antenna power $\leq 10\text{mW}$ |
| ☐ | Max antenna gain = Max EIRP - declared power Max declared conductive power |
| ☐ | Antenna power = Max EIRP - Antenna gain |

Output Power Tolerance

- | | |
|-------------------------------------|------------------------------|
| ☒ | Output Power Tolerance: +20% |
|-------------------------------------|------------------------------|

4.1.2 Test Set up



4.1.3 Test Procedure

References Rule

- | | |
|-------------------------------------|-------------------------------------|
| ☒ | Method 1: MIC Notice 88 Appendix 43 |
|-------------------------------------|-------------------------------------|

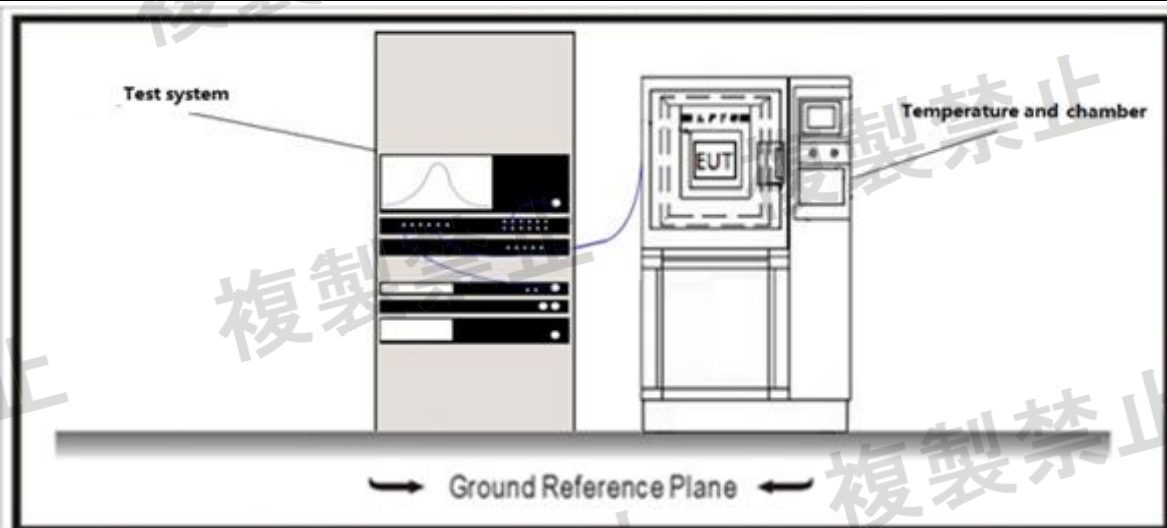
Step 1

- (a) Connect a high-frequency power meter to the output of the dummy load (attenuator) and measure the total power.
 (b) Antenna power shall be as follows.
 a. Value of a for continuous wave
 b. Burst wave The average power in the burst is calculated from the value of (a) and the transmission time rate.

4.2 Occupied Bandwidth**VERDICT: PASS****4.2.1 Limit****Standard**

Article 2 paragraph 1 item 19

- | | |
|-------------------------------------|--|
| ☐ | Channel Power of DSSS, the limit should $\leq 26\text{MHz}$ |
| ☐ | Channel Power of FHSS, the limit should $\leq 83.5\text{MHz}$ |
| ☐ | Channel Power of OFDM |
| ☐ | Nominal Bandwidth=20MHz, the limit should $\leq 26\text{MHz}$ |
| ☐ | Nominal Bandwidth=40MHz, the limit should $\leq 38\text{MHz}$ |
| ☒ | Channel Power of other situation, the limit should $\leq 26\text{MHz}$ |

4.2.2 Test Setup**4.2.3 Test Procedure**

References Rule

- | | |
|-------------------------------------|-------------------------------|
| ☒ | Notification No. 88 Annex 43. |
|-------------------------------------|-------------------------------|

Step 1

1. Set spectrum analyzer to following setting:

- Center frequency: Equal to center frequency of test signal
- Span: Between 2 times and 3.5 times the limited bandwidth.
- RBW: Less than 3% of the limited bandwidth
- VBW: Equal to RBW
- Sweep mode: Continuous sweep
- Detect mode: Positive peak
- Trace mode: Max hold

2. The integrated 99% power bandwidth function may be used to measure the spread bandwidth.

4.3 Frequency Tolerance

VERDICT: PASS

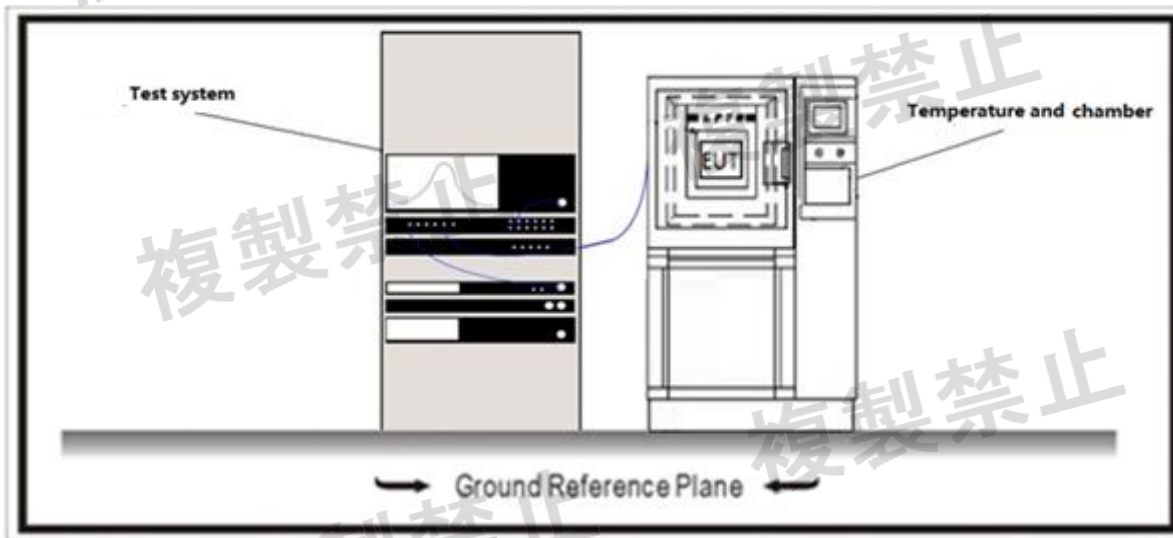
4.3.1 Limit

Standard

Article 2 paragraph 1 item 19

$\leq \pm 50$ ppm

4.3.2 Test Setup



4.3.3 Test Procedure

References Rule

☒ Notification No. 88 Annex 43.

Step 1

☒ Unmodulation Wave (CW signal)

1. Set spectrum analyzer as following setting:

Center frequency: Equal to center frequency of signal under test

Span: Widest enough to see the entire waveform

RBW: 10kHz

VBW: 10kHz

Detect mode: Positive Peak

Trace mode: Max hold

Sweep time: Auto

2. Use the peak search function to find the highest level frequency and record data.

☐ Modulation Wave

1. Set spectrum analyzer to following setting:

Center frequency: Equal to center frequency of signal under test

Span: Widest enough to see the entire waveform

RBW: 100kHz

VBW: 100kHz

Detect mode: Positive Peak

Trace mode: Max hold

Sweep time: Auto

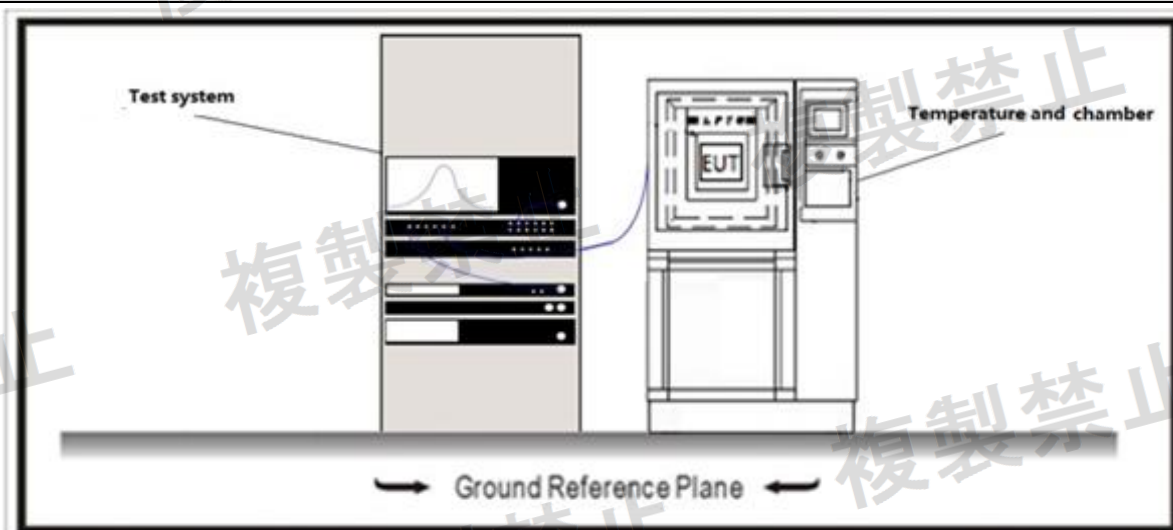
2. Use the peak search function to find the highest level frequency, record maximum level.

3. Setting display line to 10dB lower than the maximum level.

4. Mark the lowest and highest frequency where the test signal intersect the display line, record the frequency F_L , F_H .5. The Center frequency of test $F_C = (F_L + F_H)/2$

4.4 Transmitter Spurious Emission**VERDICT: PASS****4.4.1 Limit****Standard**

Article 2 paragraph 1 item 19

Frequency between 30 - 2387 MHz, $\leq 2.5\mu\text{W}/\text{MHz}$ Frequency between 2387 - 2400 MHz, $\leq 25\mu\text{W}/\text{MHz}$ Frequency between 2483.5 - 2496.5 MHz, $\leq 25\mu\text{W}/\text{MHz}$ Frequency between 2496.5 - 12500, $\leq 2.5\mu\text{W}/\text{MHz}$ **4.4.2 Test Setup**

4.4.3 Test Procedure

References Rule

☒ Notification No. 88 Annex 43.

Step 1

1. Set the spectrum analyzer as follows when searching.

Sweep frequency width 30MHz to 5 times the carrier frequency

Resolution bandwidth 100 kHz for frequencies below 1 GHz, 1 MHz for frequencies above 1 GHz

Video bandwidth Same as resolution bandwidth

Sweep time Minimum time for guaranteed measurement accuracy

Sweep mode Single sweep

Detection mode positive peak

2. Set the spectrum analyzer for secondary emission measurement as follows.

Center frequency Secondary emission frequency

Sweep frequency width 0Hz

Resolution bandwidth 100 kHz for frequencies below 1 GHz, 1 MHz for frequencies above 1 GHz

Video bandwidth Same as resolution bandwidth

Sweep time Minimum time for guaranteed measurement accuracy

Sweep mode Single sweep

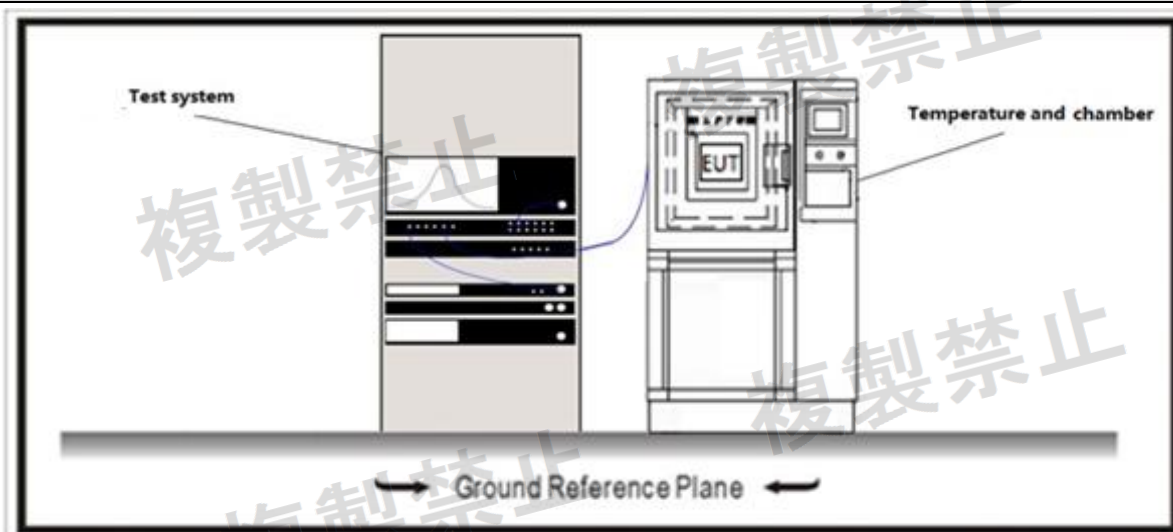
Detection mode sample

4.5 Receiver Spurious Emission**VERDICT: PASS****4.5.1 Limit****Standard**

Article 2 paragraph 1 item 19

<= 4nW for 30 - 1000 MHz

<= 20nW for 1000 - 12500 MHz

4.5.2 Test Setup**4.5.3 Test Procedure**

References Rule

☒ Notification No. 88 Annex 43.

Step 1

1. Set the spectrum analyzer as follows when searching.

Sweep frequency width 30MHz to 5 times the carrier frequency

Resolution bandwidth 100 kHz for frequencies below 1 GHz, 1 MHz for frequencies above 1 GHz

Video bandwidth Same as resolution bandwidth

Sweep time Minimum time for guaranteed measurement accuracy

Sweep mode Single sweep

Detection mode positive peak

2. Set the spectrum analyzer for secondary emission measurement as follows.

Center frequency Secondary emission frequency

Sweep frequency width	0Hz
Resolution bandwidth	100 kHz for frequencies below 1 GHz, 1 MHz for frequencies above 1 GHz
Video bandwidth	Same as resolution bandwidth
Sweep time	Minimum time for guaranteed measurement accuracy
Sweep mode	Single sweep
Detection mode	sample

4.6 Interference Prevention Function Measurement

VERDICT: PASS

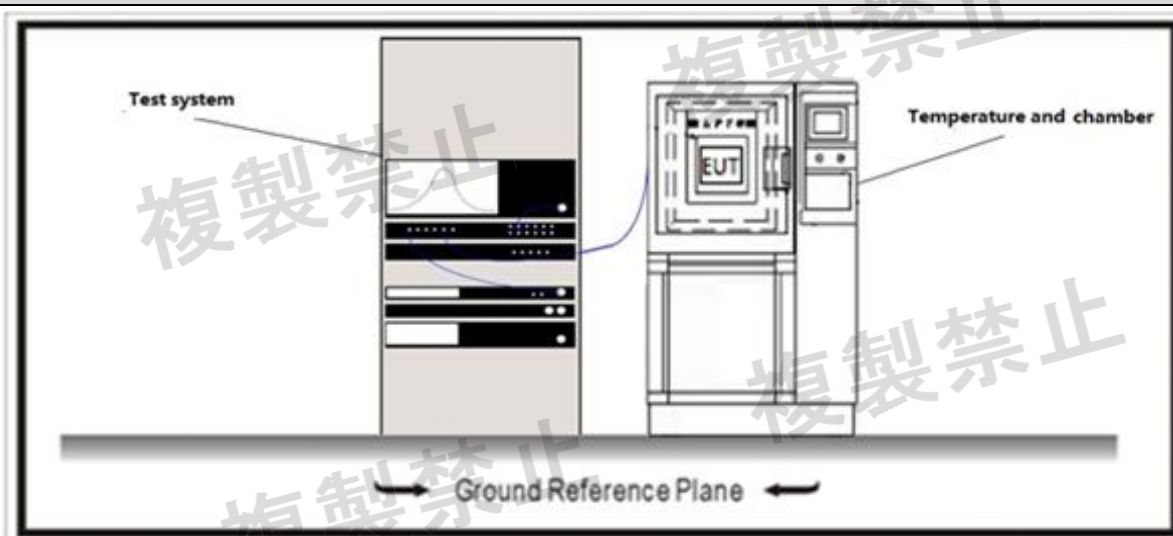
4.6.1 Limit

Standard

Article 2 Paragraph 1 of item 19

The one automatically to transmit and to receive identification code with the wireless equipment of the wireless station used in the same premises.

4.6.2 Test Setup



4.6.3 Test Procedure

References Rule
☒ Notification No. 88 Annex 43.

Step 1

1. Establish communication between EUT and auxiliary equipment, auxiliary must have an ability to parse and display the identifier code.
2. When the test equipment has the function of automatically transmitting the identification code.
 - A. The test equipment sends the identification code specified in the equipment rules.
 - B. Check the identification code sent by the demodulator.
3. When the test equipment has the function of automatically receiving the identification code.
 - A. The opposite device transmits the identification code specified in the device rules.
 - B. Verify that a dedicated fixture is used to communicate with the test equipment.
 - C. Send a code from the counter that differs from the identification code specified in the equipment rules.
 - D. Verify that the test equipment stops transmitting or displays a different ID.
4. If the encoding specified in the device rules is the same as the demodulated encoding, recorded as "Good", otherwise record as "No".

5 CONFORMING THE STRUCTURE THAT IS DIFFICULT TO OPEN

The Radio Equipment:	
☐	Use Special Screw
☒	Metal Shielding is Soldered
☐	Use Ball Grid Array (BGA)
☐	RF module/Chip Pins > 20
☐	RF module/Chip Pins distance < 1.5 mm

The high-frequency section and modulation section (except for the antenna system) are not capable of being opened easily.

6 SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

Appendix

Antenna Power Tolerance and E.I.R.P

Output Power And E.I.R.P

Mode	Frequency (MHz)	Antenna Power		EIRP (dBm)	Limit		Pass/Fail
		(dBm)	(mW)		Antenna Power (mW)	EIRP (dBm)	
BLE1M	2402	7.94	6.22	8.58	10.00	12.14	Pass
	2440	6.56	4.53	7.20	10.00	12.14	Pass
	2480	6.39	4.36	7.03	10.00	12.14	Pass
BLE2M	2402	8.07	6.41	8.71	10.00	12.14	Pass
	2440	6.50	4.47	7.14	10.00	12.14	Pass
	2480	6.44	4.41	7.08	10.00	12.14	Pass

Note: EIRP = Antenna Power + Antenna Gain (dBi)

Output Power Tolerance

Mode	Frequency (MHz)	Declared Power	Antenna Power	Tolerance (%)	Limit(%)	Pass/Fail
		(mW)	(mW)			
BLE1M	2402	7	6.22	-11.14	+20	Pass
	2440	7	4.53	-35.29	+20	Pass
	2480	7	4.36	-37.71	+20	Pass
BLE2M	2402	7	6.41	-8.43	+20	Pass
	2440	7	4.47	-36.14	+20	Pass
	2480	7	4.41	-37.00	+20	Pass

Note: Tolerance = (Antenna Power – Declared Power) / Declared Power * 100%

Worse case spot check data:

Output Power And E.I.R.P

Mode	Frequency (MHz)	Antenna Power		EIRP (dBm)	Limit		Pass/Fail
		(dBm)	(mW)		Antenna Power (mW)	EIRP (dBm)	
BLE2M	2402	7.93	6.21	8.57	10.00	12.14	Pass
	2440	6.56	4.53	7.20	10.00	12.14	Pass
	2480	6.31	4.28	6.95	10.00	12.14	Pass

Note: EIRP = Antenna Power + Antenna Gain (dBi)

Output Power Tolerance

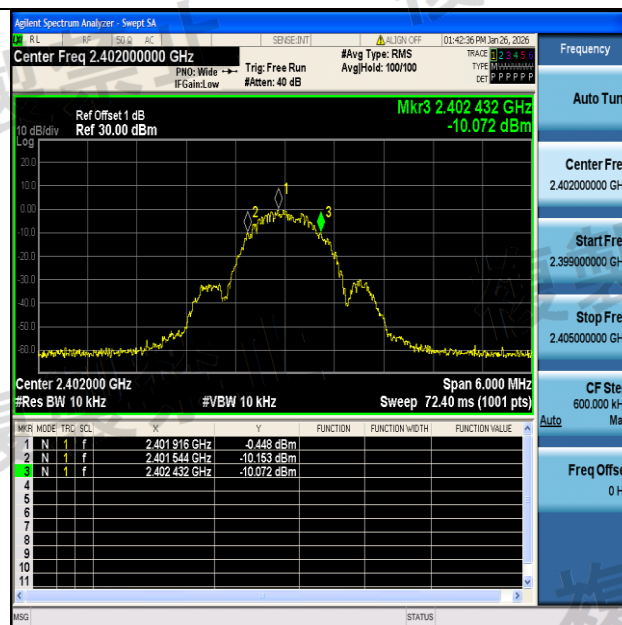
Mode	Frequency (MHz)	Declared Power	Antenna Power	Tolerance (%)	Limit(%)	Pass/Fail
		(mW)	(mW)			
BLE2M	2402	7	6.21	-11.29	+20	Pass
	2440	7	4.53	-35.29	+20	Pass
	2480	7	4.28	-38.86	+20	Pass

Note: Tolerance = (Antenna Power – Declared Power) / Declared Power * 100%

Frequency Error Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	2401.988	-4.99584	±50	PASS
NTNV	BLE_1M	Ant1	2440	2439.982	-7.37705	±50	PASS
NTNV	BLE_1M	Ant1	2480	2479.976	-9.67742	±50	PASS
NTNV	BLE_2M	Ant1	2402	2401.955	-18.73439	±50	PASS
NTNV	BLE_2M	Ant1	2440	2439.952	-19.67213	±50	PASS
NTNV	BLE_2M	Ant1	2480	2479.943	-22.98387	±50	PASS

Test Graphs



NTNV-BLE_1M-Ant1-2402-PASS



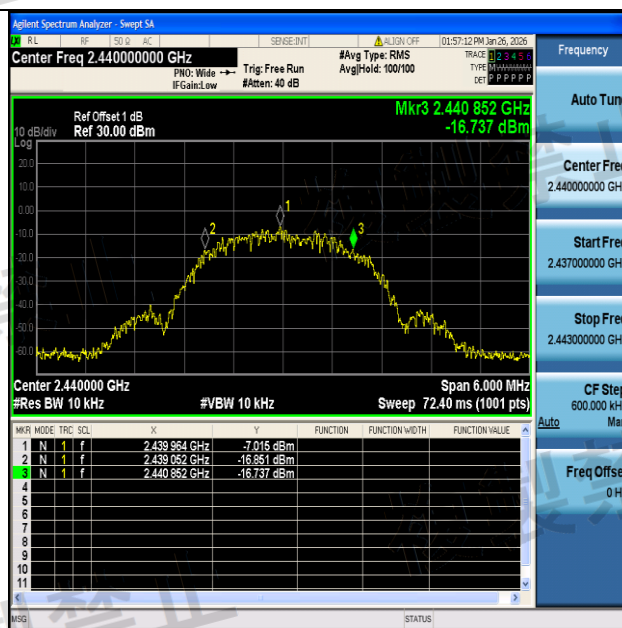
NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



NTNV-BLE_2M-Ant1-2402-PASS



NTNV-BLE_2M-Ant1-2440-PASS

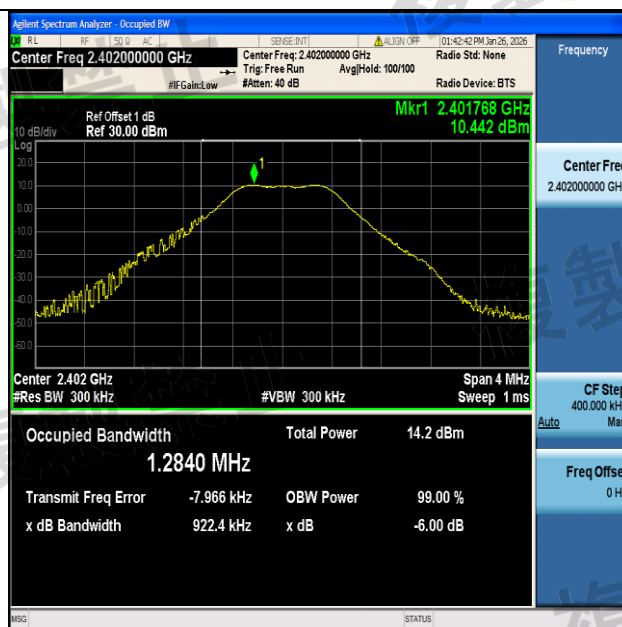


NTNV-BLE_2M-Ant1-2480-PASS

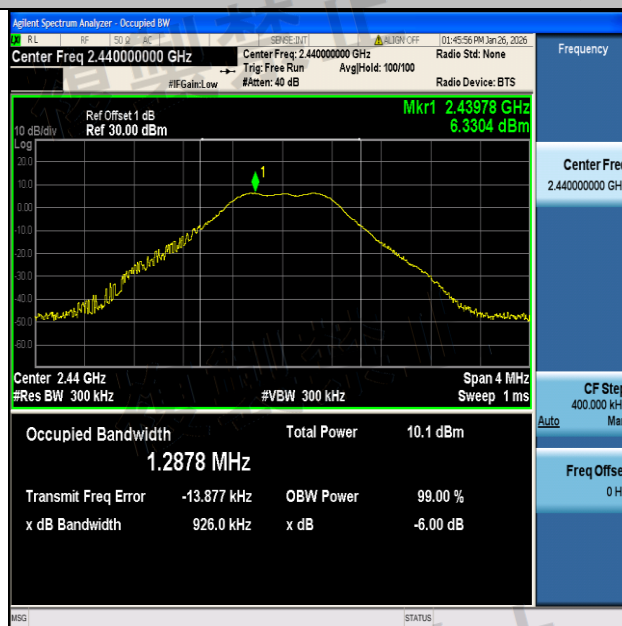
Occupied Bandwidth Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.284	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.288	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.282	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.200	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.197	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.200	≤26	PASS

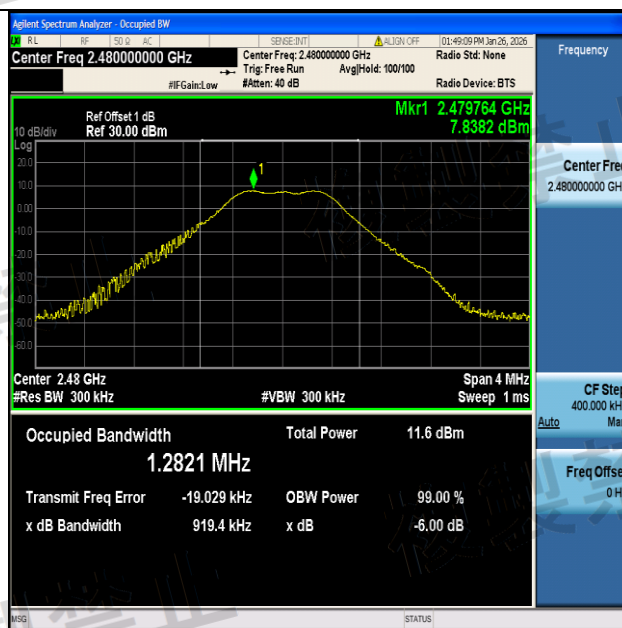
Test Graphs



NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



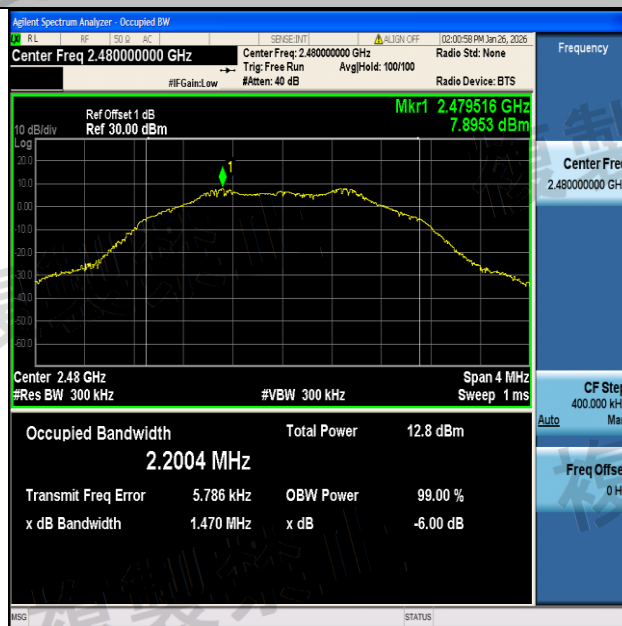
NTNV-BLE_1M-Ant1-2480-PASS



NTNV-BLE_2M-Ant1-2402-PASS



NTNV-BLE_2M-Ant1-2440-PASS

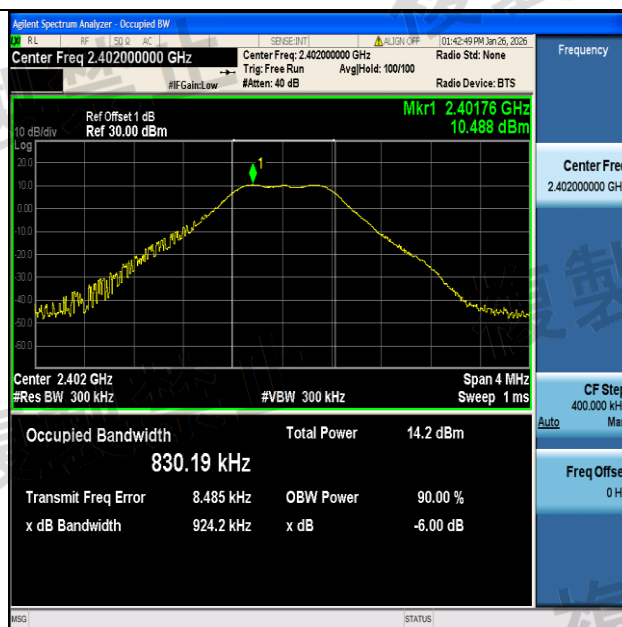


NTNV-BLE_2M-Ant1-2480-PASS

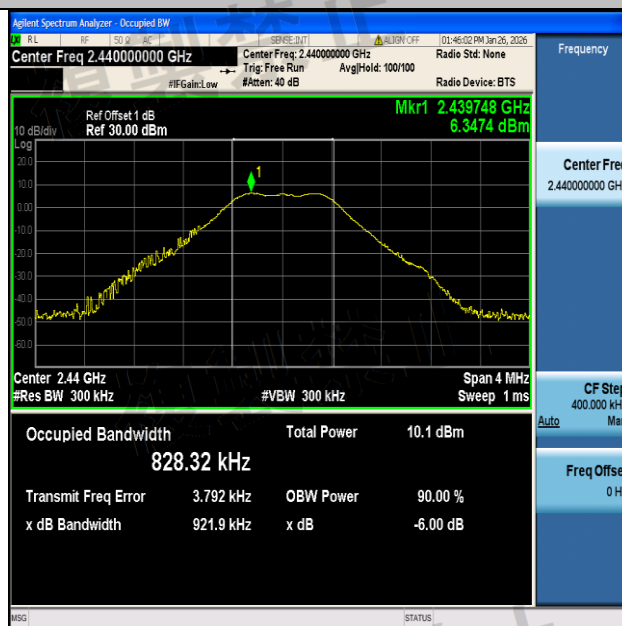
Spread Bandwidth Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	0.830	≥0.5	PASS
NTNV	BLE_1M	Ant1	2440	0.828	≥0.5	PASS
NTNV	BLE_1M	Ant1	2480	0.830	≥0.5	PASS
NTNV	BLE_2M	Ant1	2402	1.463	≥0.5	PASS
NTNV	BLE_2M	Ant1	2440	1.470	≥0.5	PASS
NTNV	BLE_2M	Ant1	2480	1.464	≥0.5	PASS

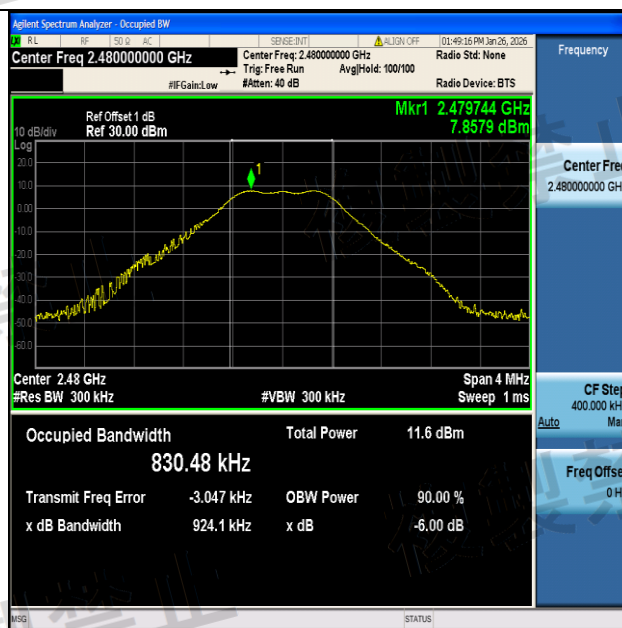
Test Graphs



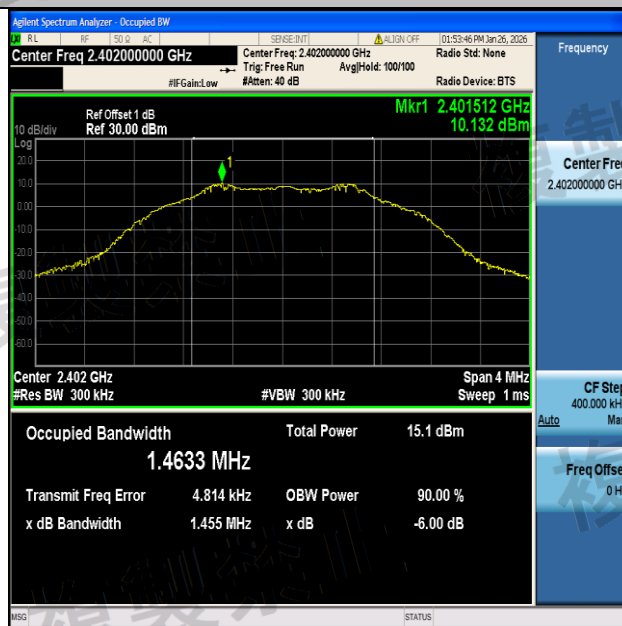
NTNV-BLE_1M-Ant1-2402-PASS



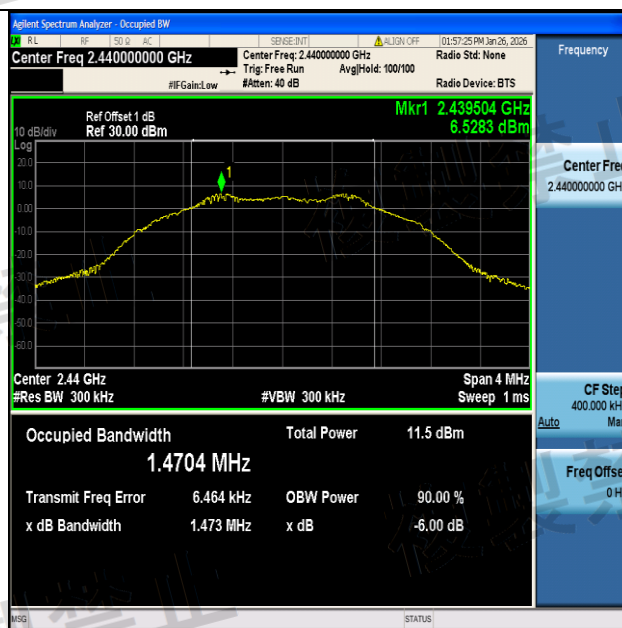
NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



NTNV-BLE_2M-Ant1-2402-PASS



NTNV-BLE_2M-Ant1-2440-PASS



NTNV-BLE_2M-Ant1-2480-PASS

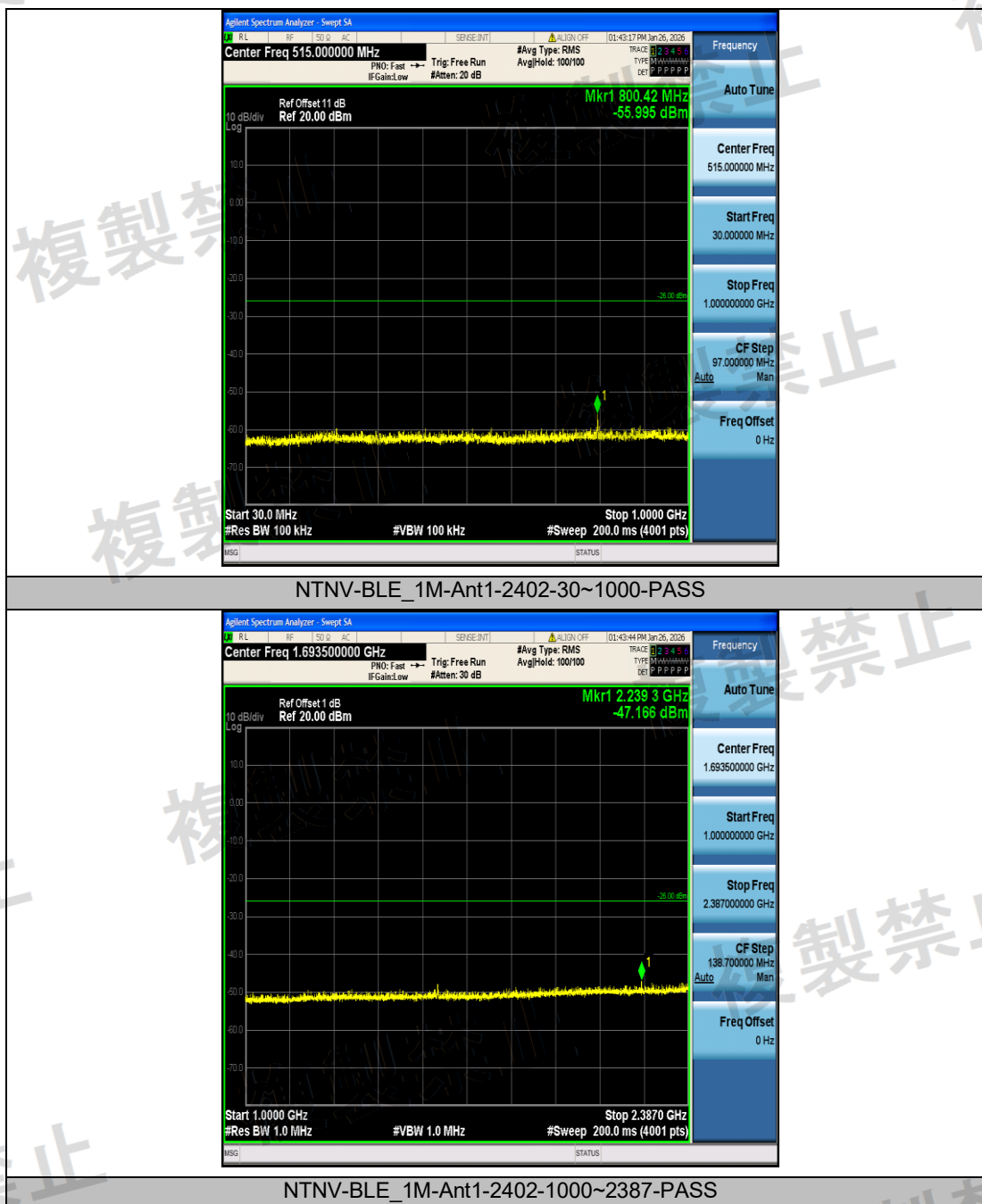
Spurious Emission of TX Test Result

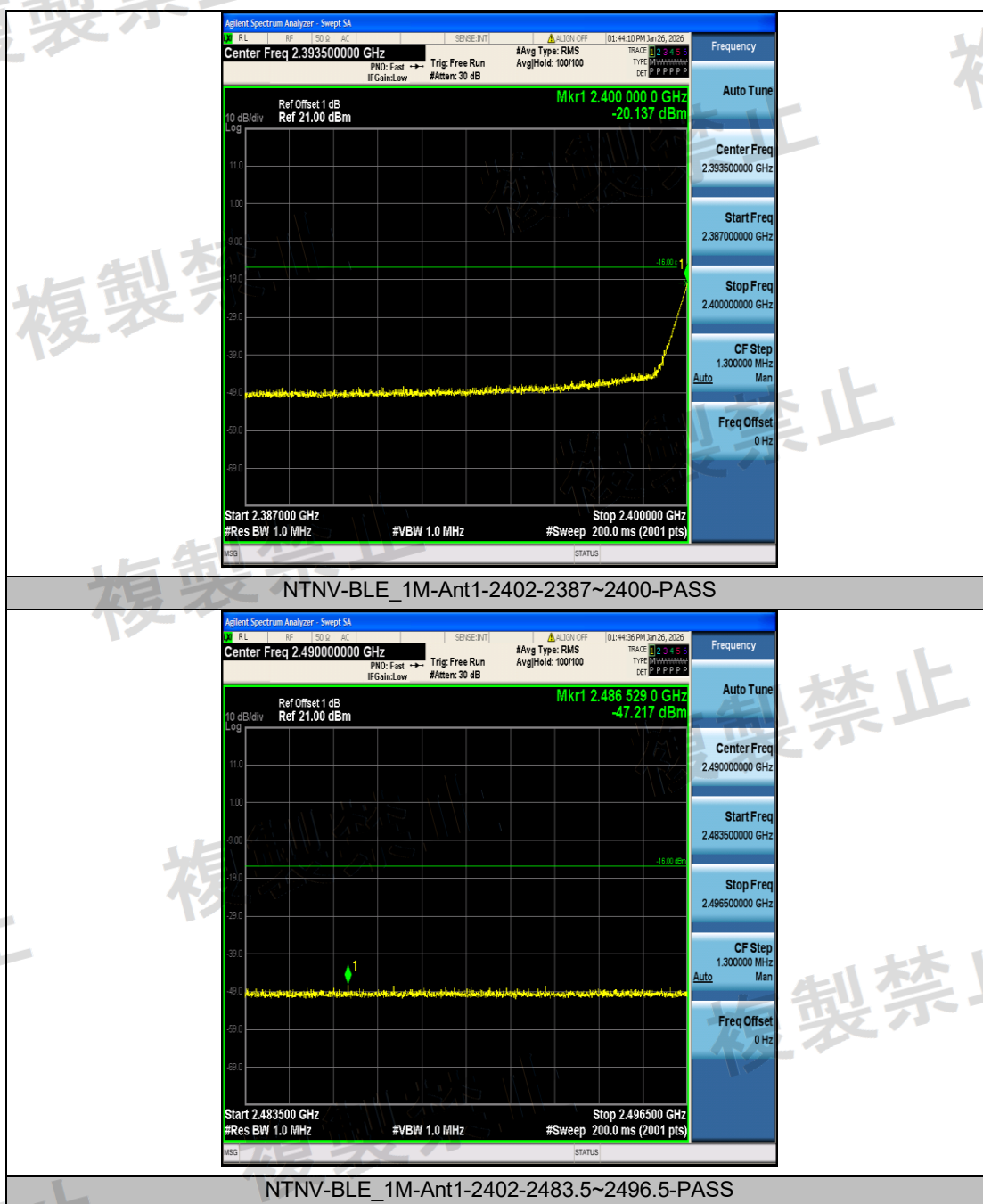
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	800.42	-56.00	≤-26	0.00251	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2239.28	-47.17	≤-26	0.01919	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-20.14	≤-16	9.68278	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2486.53	-47.22	≤-16	0.01897	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	3202.86	-42.77	≤-26	0.05284	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	813.52	-57.48	≤-26	0.00179	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2319.38	-47.40	≤-26	0.01820	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2387.73	-47.76	≤-16	0.01675	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2492.75	-47.21	≤-16	0.01901	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	3253.28	-45.73	≤-26	0.02673	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	826.61	-57.64	≤-26	0.00172	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2186.58	-46.97	≤-26	0.02009	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2394.90	-47.72	≤-16	0.01690	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.58	-44.78	≤-16	0.03327	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	3306.85	-46.04	≤-26	0.02489	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	820.55	-59.01	≤-26	0.00126	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	2360.65	-46.74	≤-26	0.02118	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	2387~2400	2400	-13.07	≤-16	49.31738	≤25	See table below
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2483.59	-47.11	≤-16	0.01945	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	3202.86	-42.97	≤-26	0.05047	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	965.81	-58.81	≤-26	0.00132	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	1956.34	-47.41	≤-26	0.01816	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2388.13	-48.20	≤-16	0.01514	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2486.28	-47.53	≤-16	0.01766	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	3253.28	-46.08	≤-26	0.02466	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	827.34	-59.03	≤-26	0.00125	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2145.32	-47.34	≤-26	0.01845	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2394.37	-47.77	≤-16	0.01671	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.53	-44.82	≤-16	0.03296	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	3306.85	-46.34	≤-26	0.02323	≤2.5	PASS

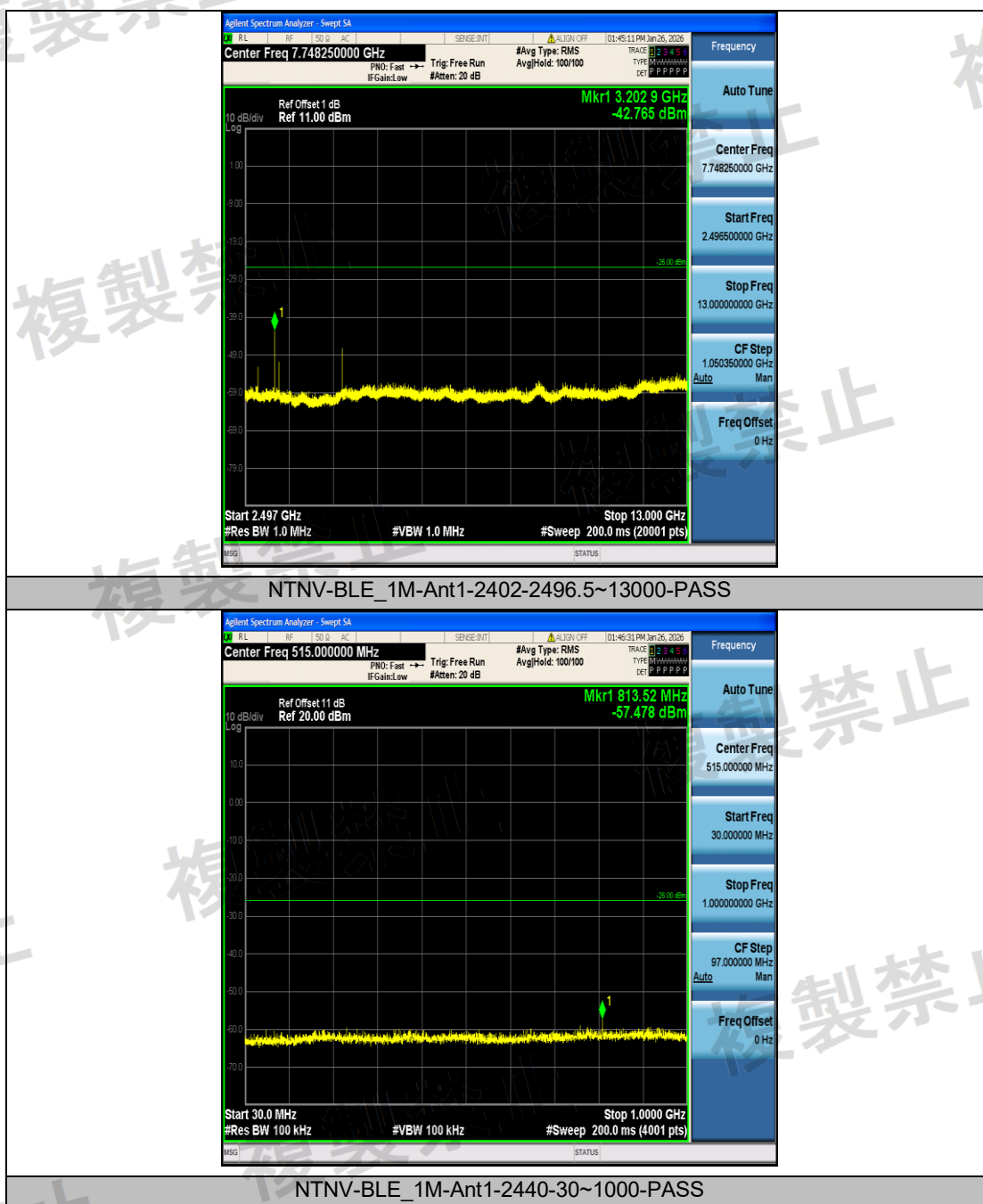
Test Result_Step2

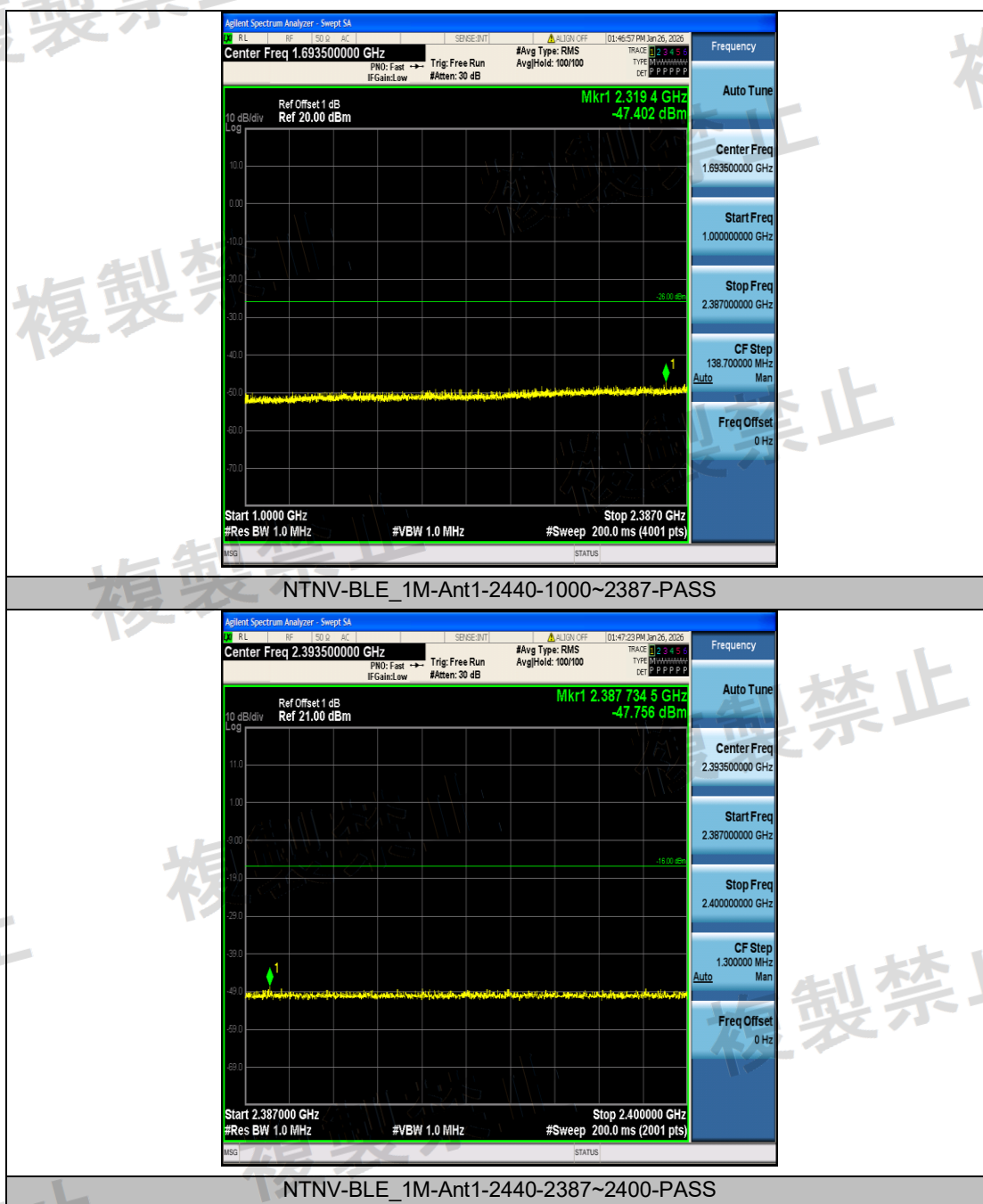
TestCondition	TestMode	Antenna	Freq(MHz)	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2402	2400.00	-17.23	≤-16	18.92344	≤25	PASS

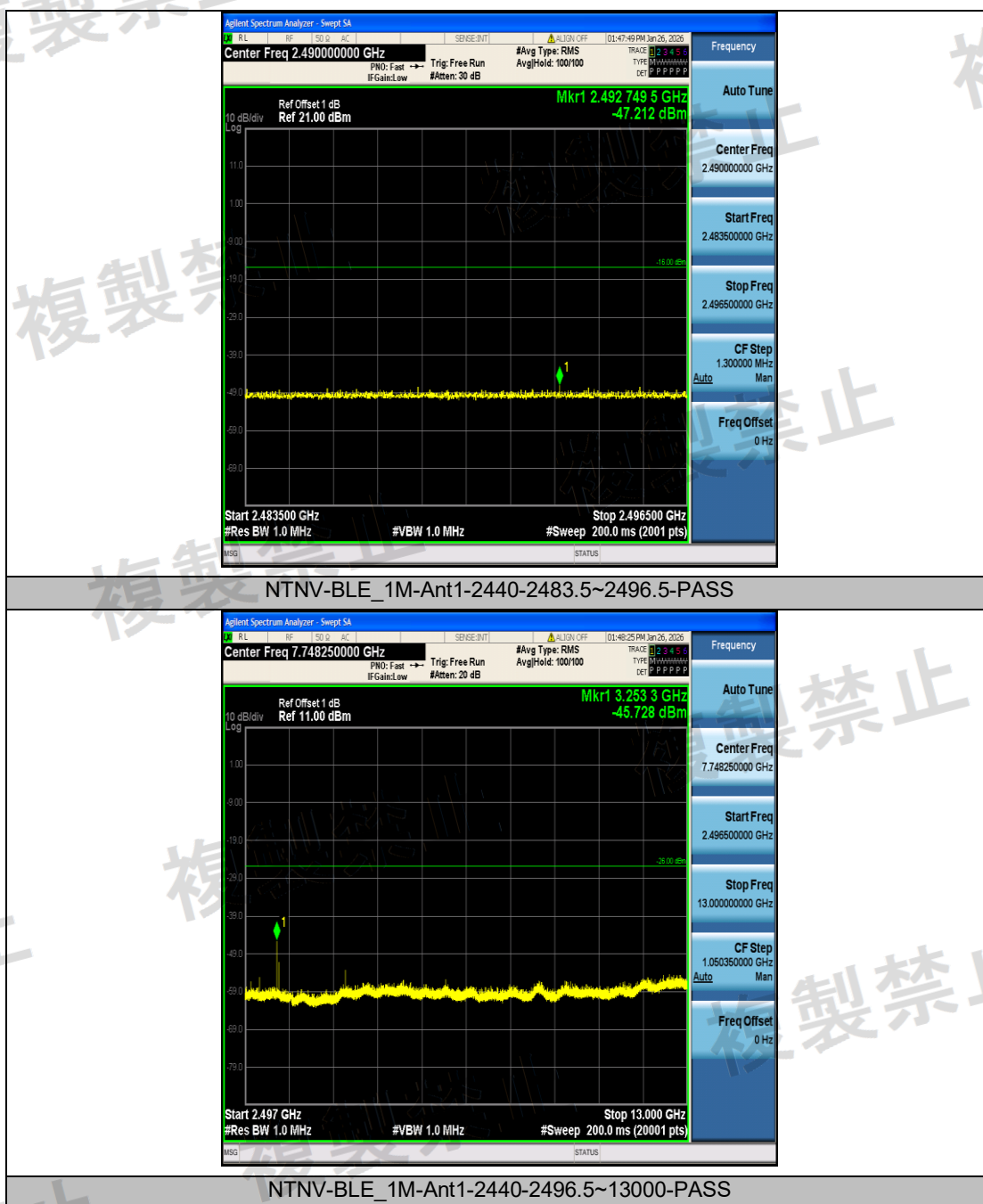
Test Graphs

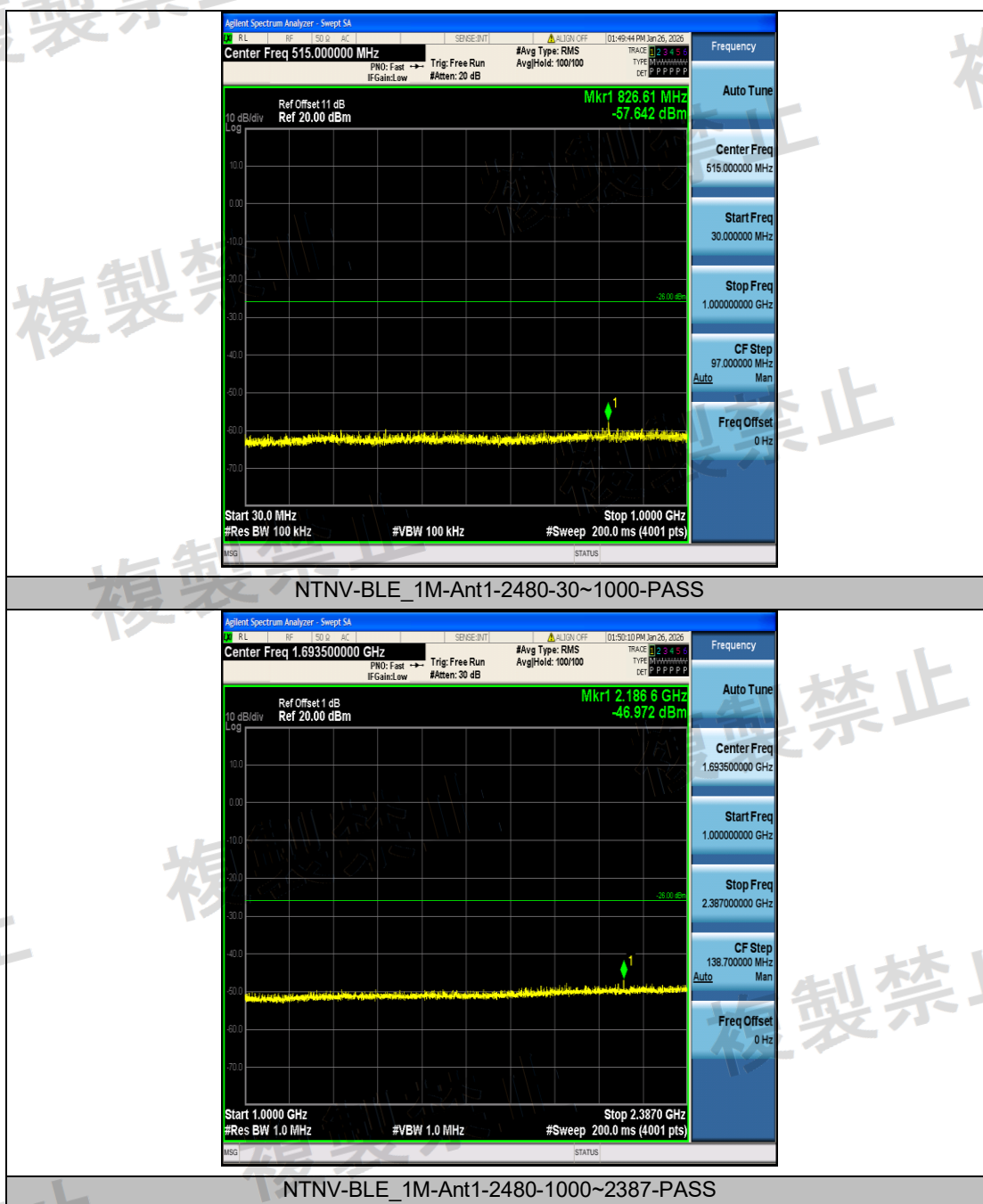


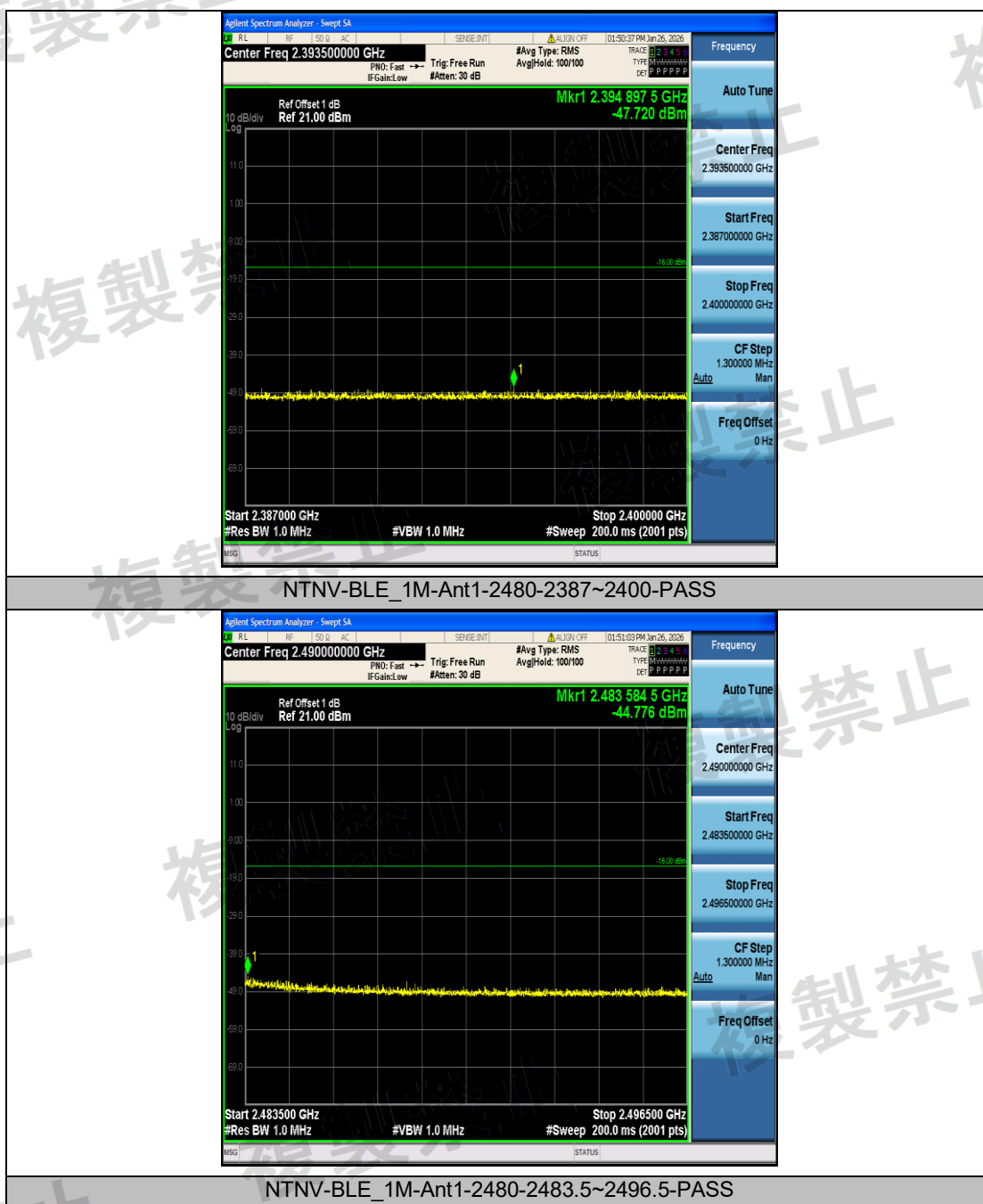


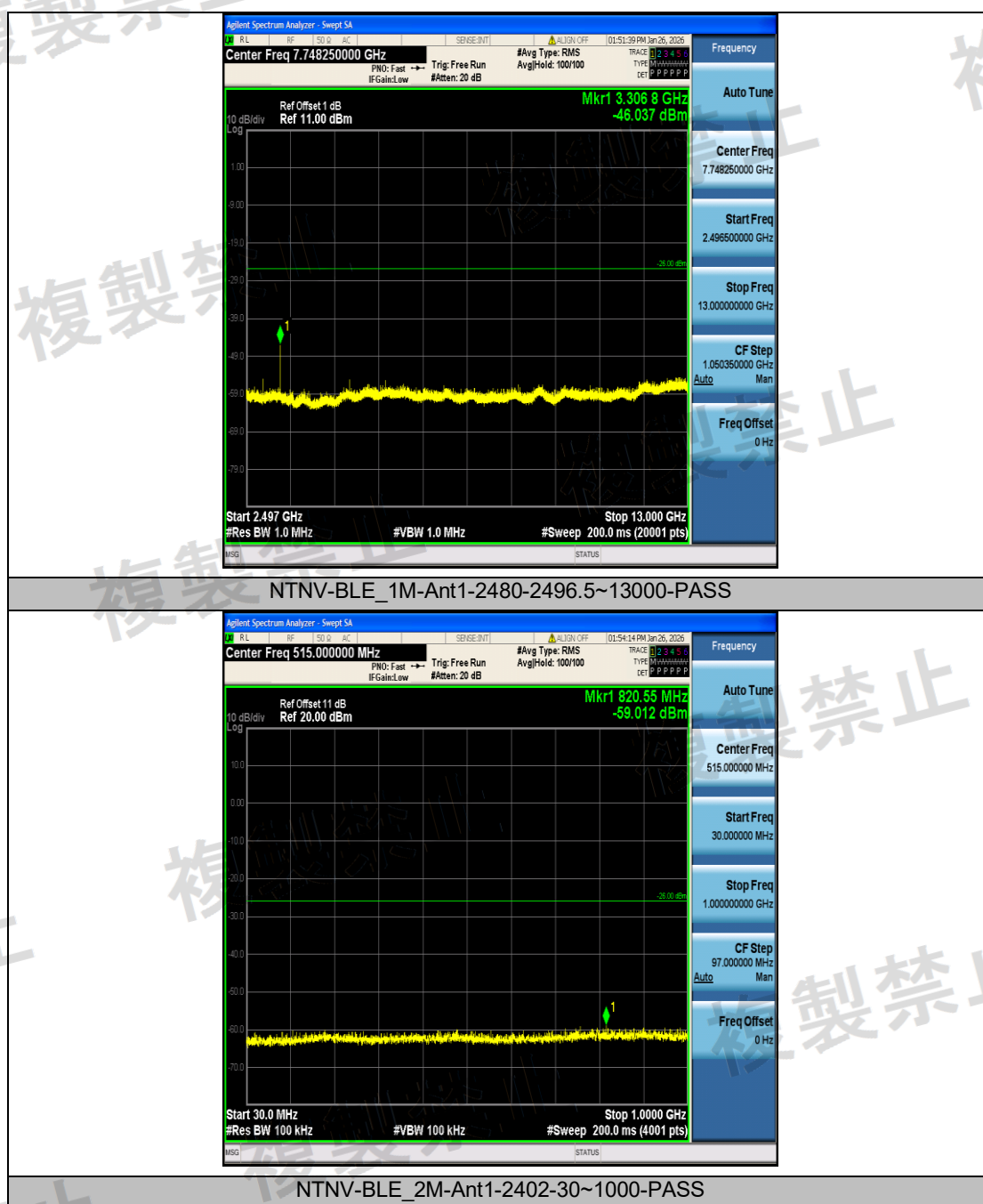


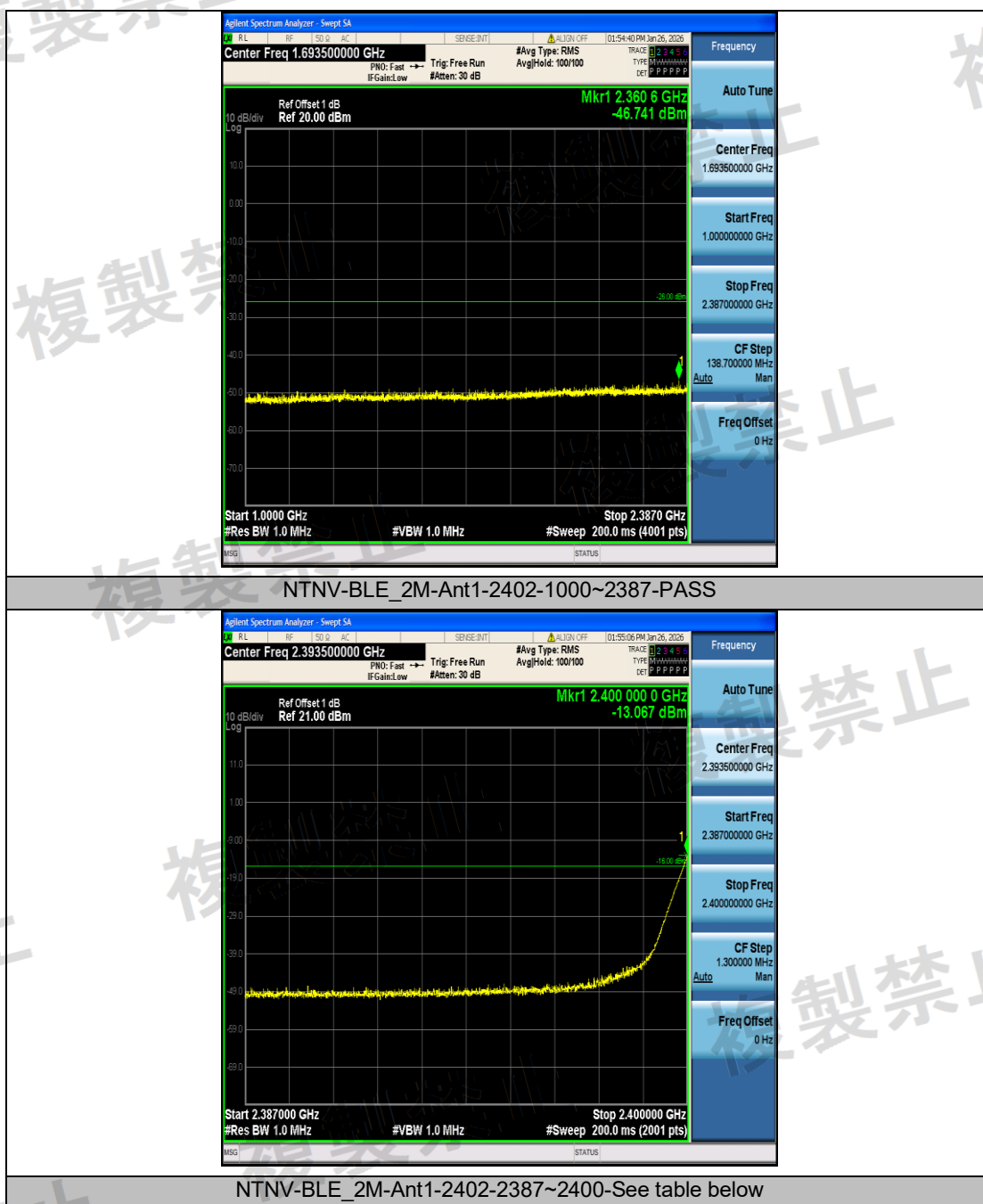


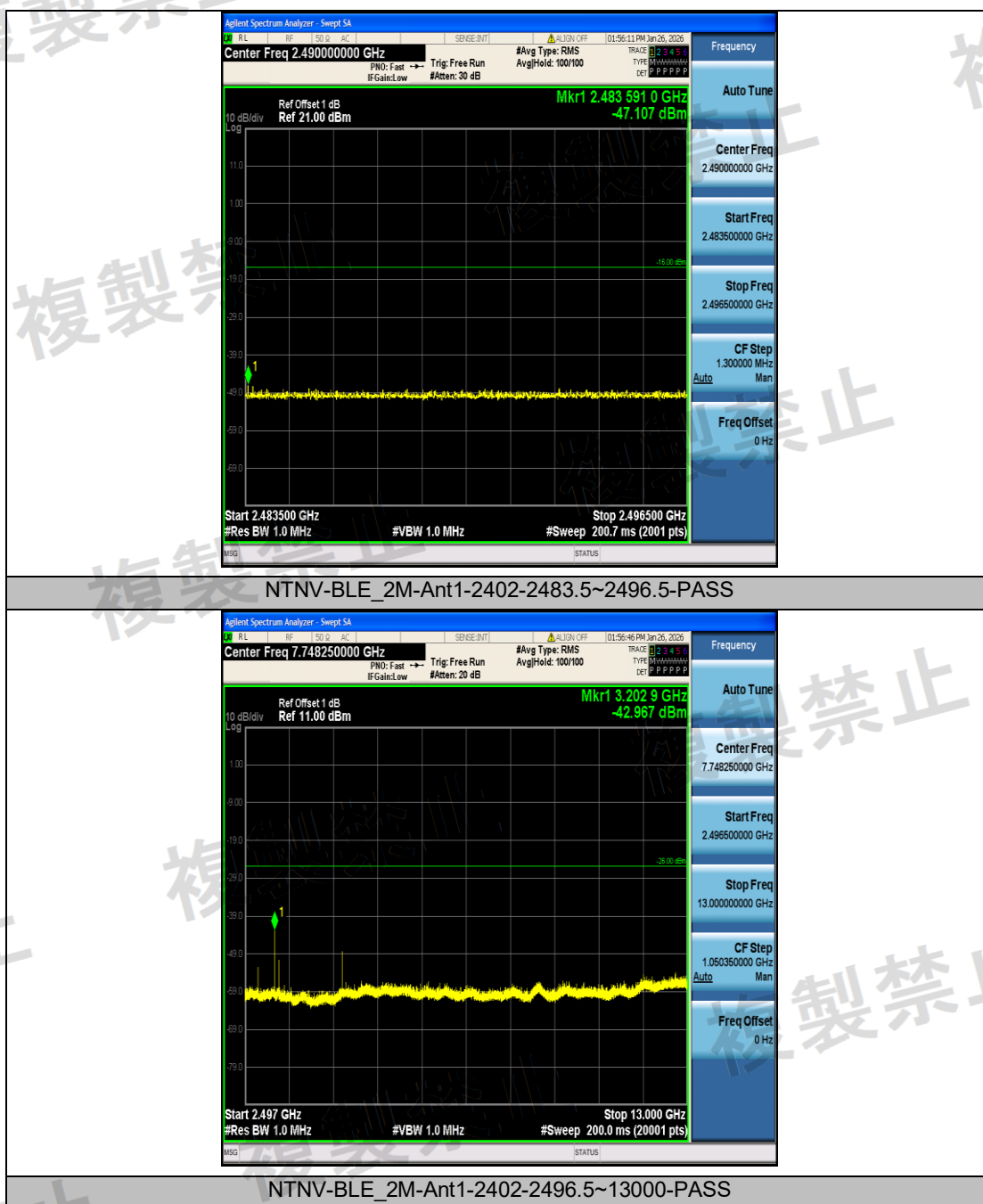


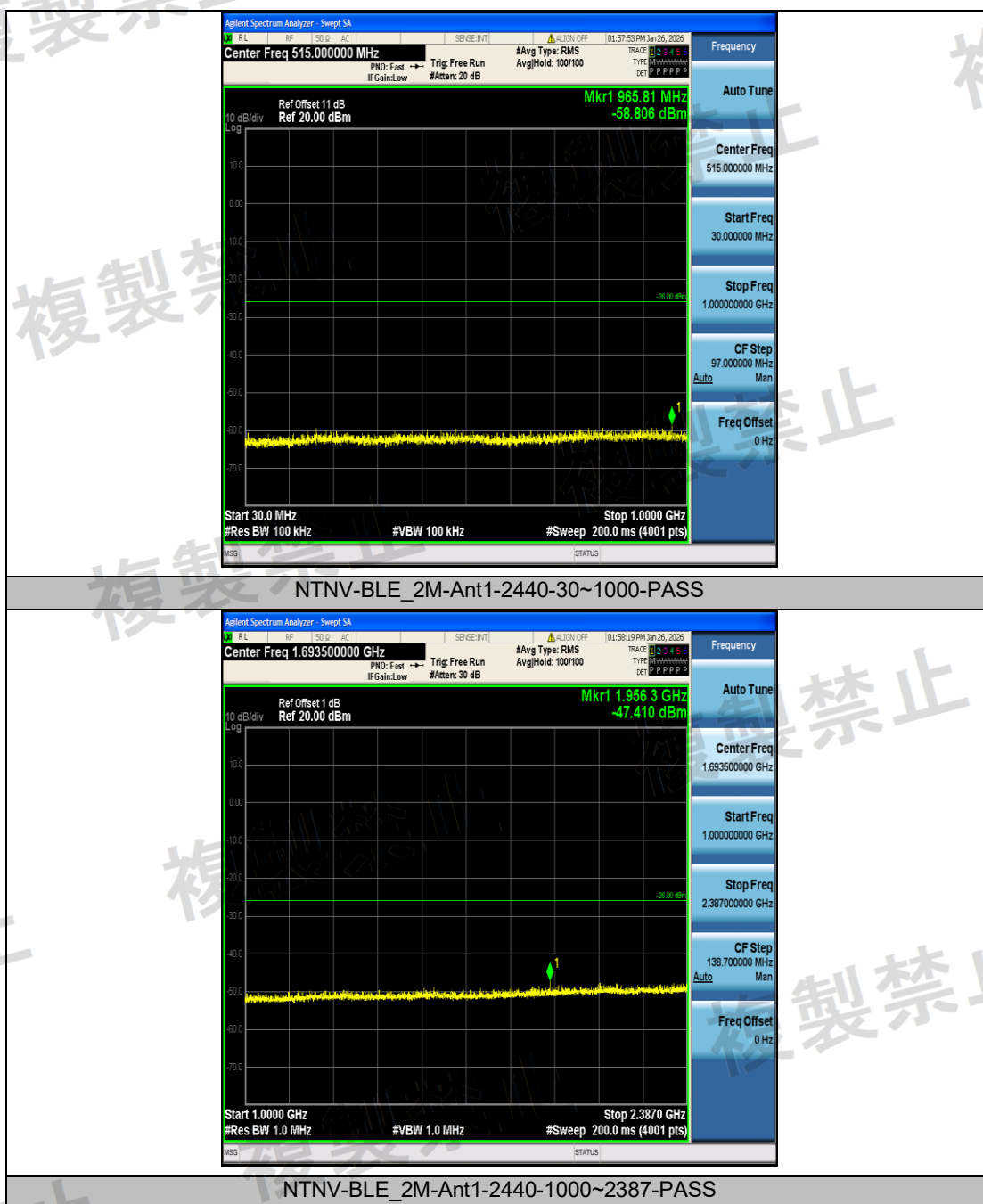


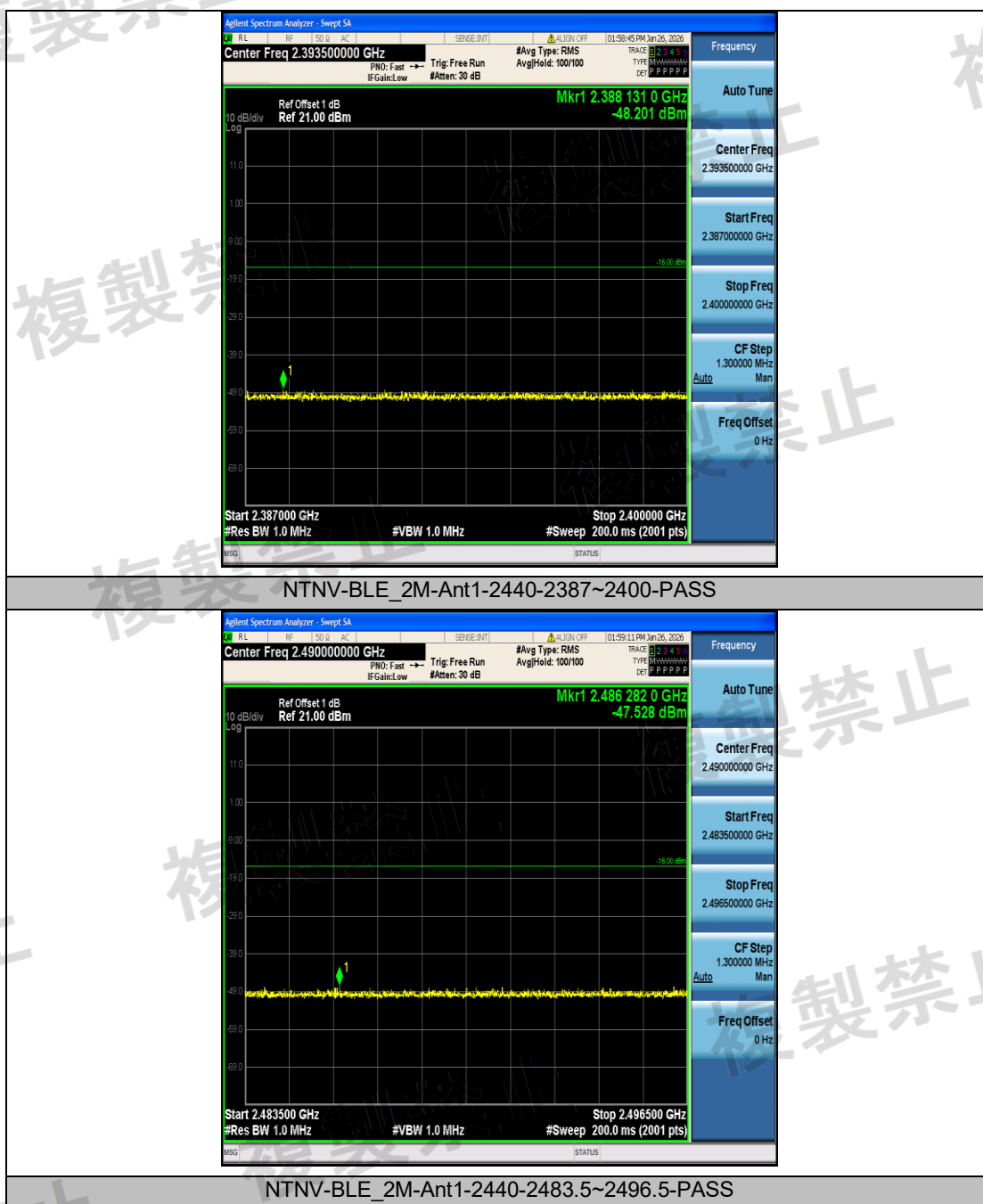


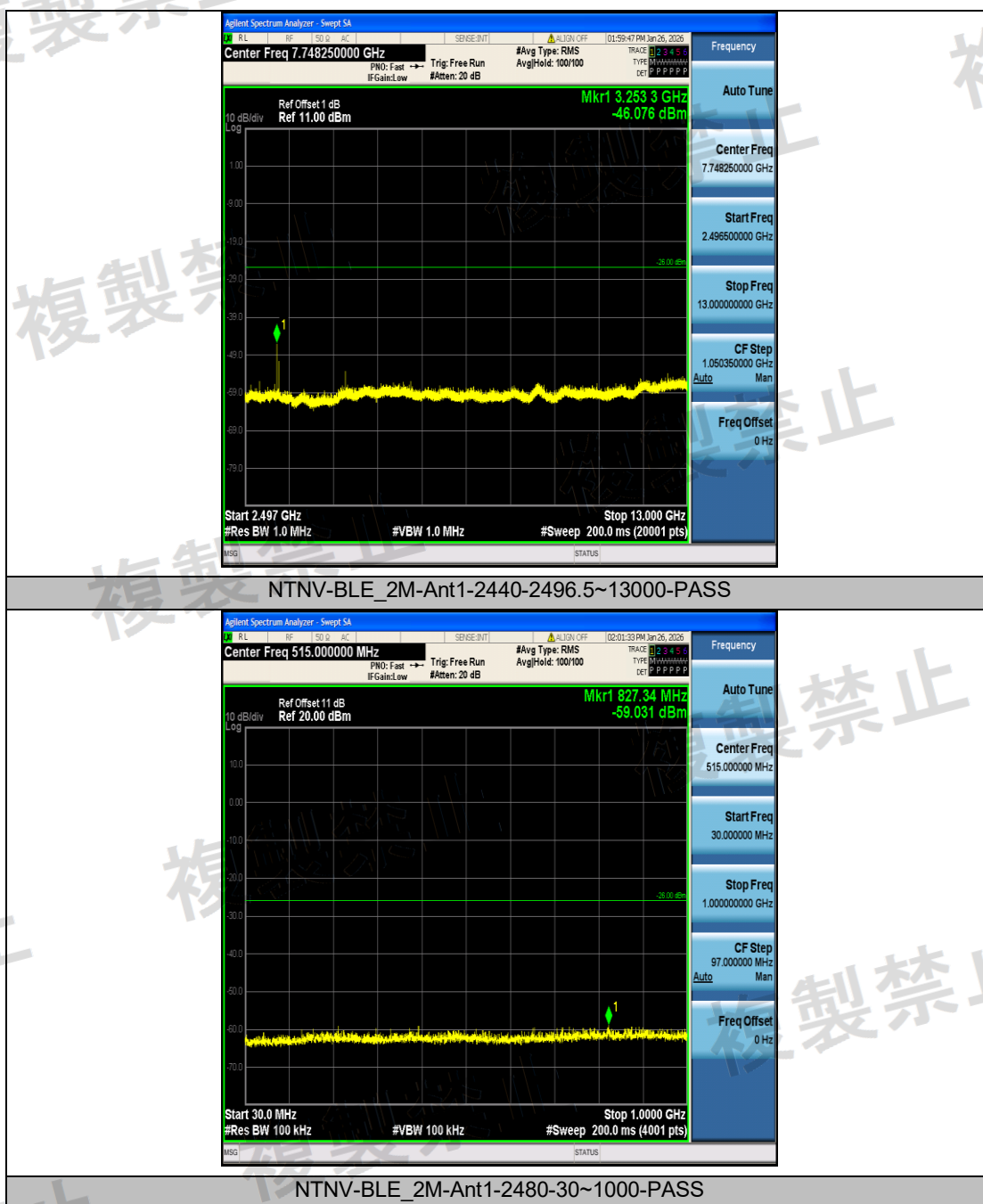


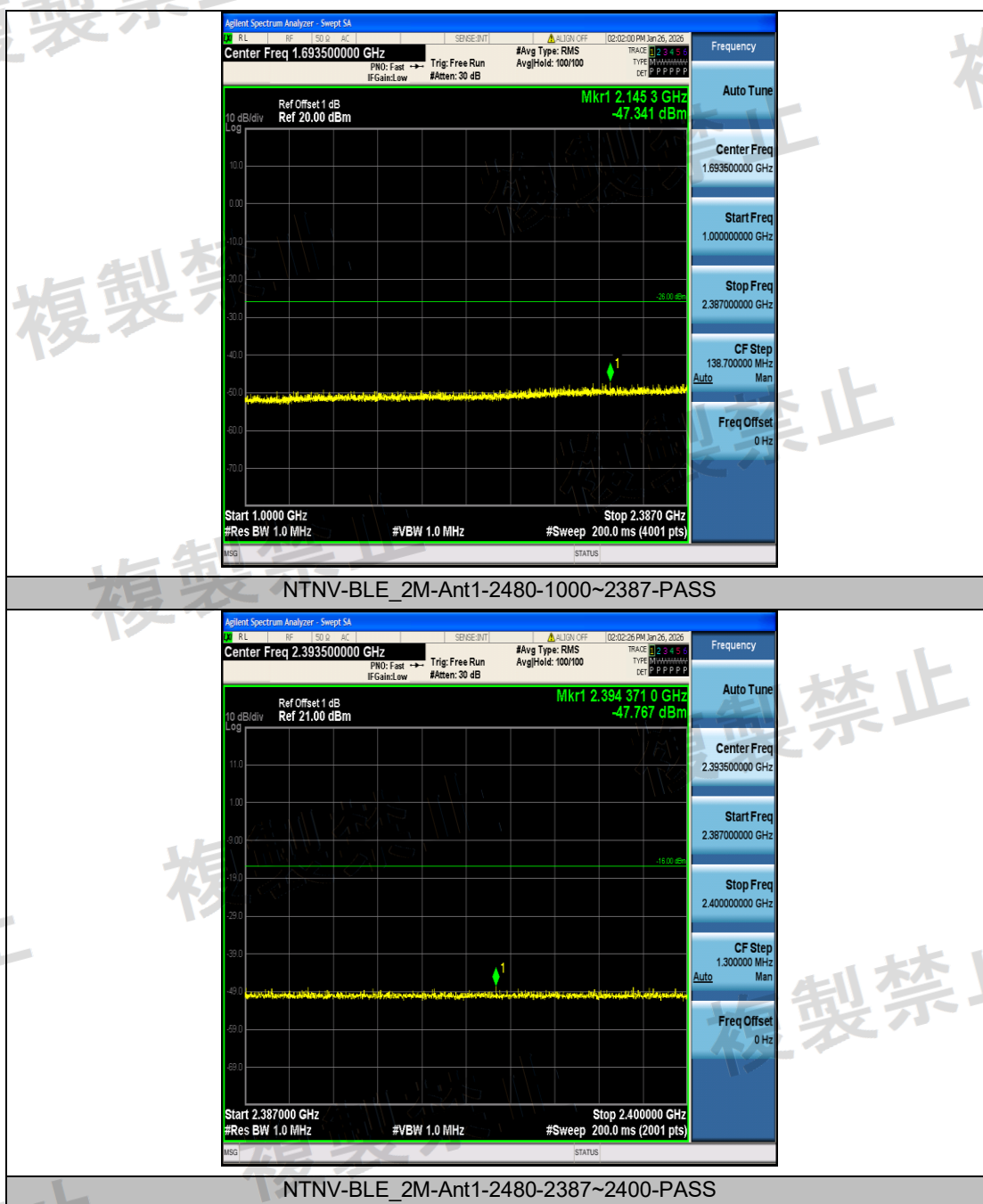


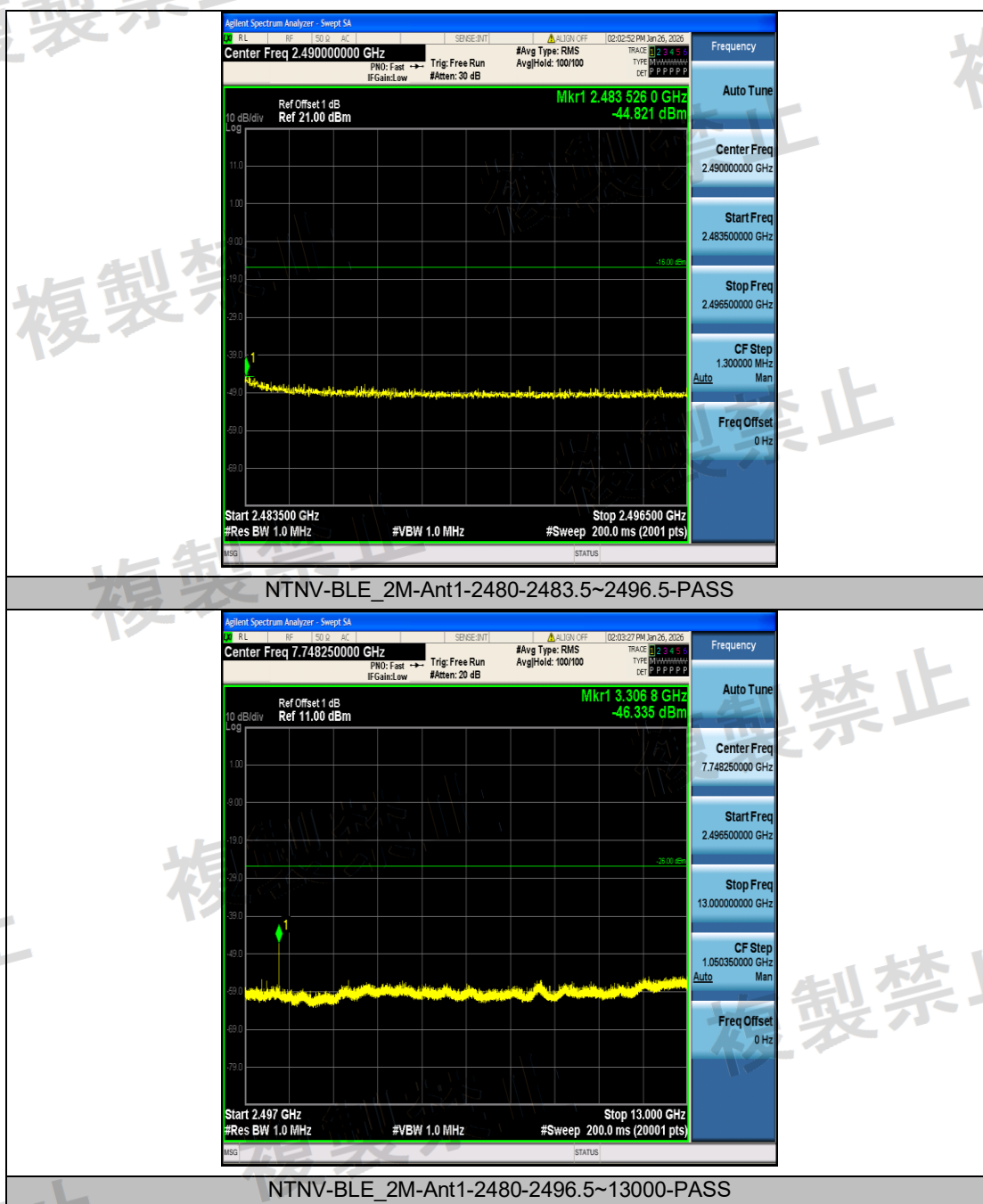




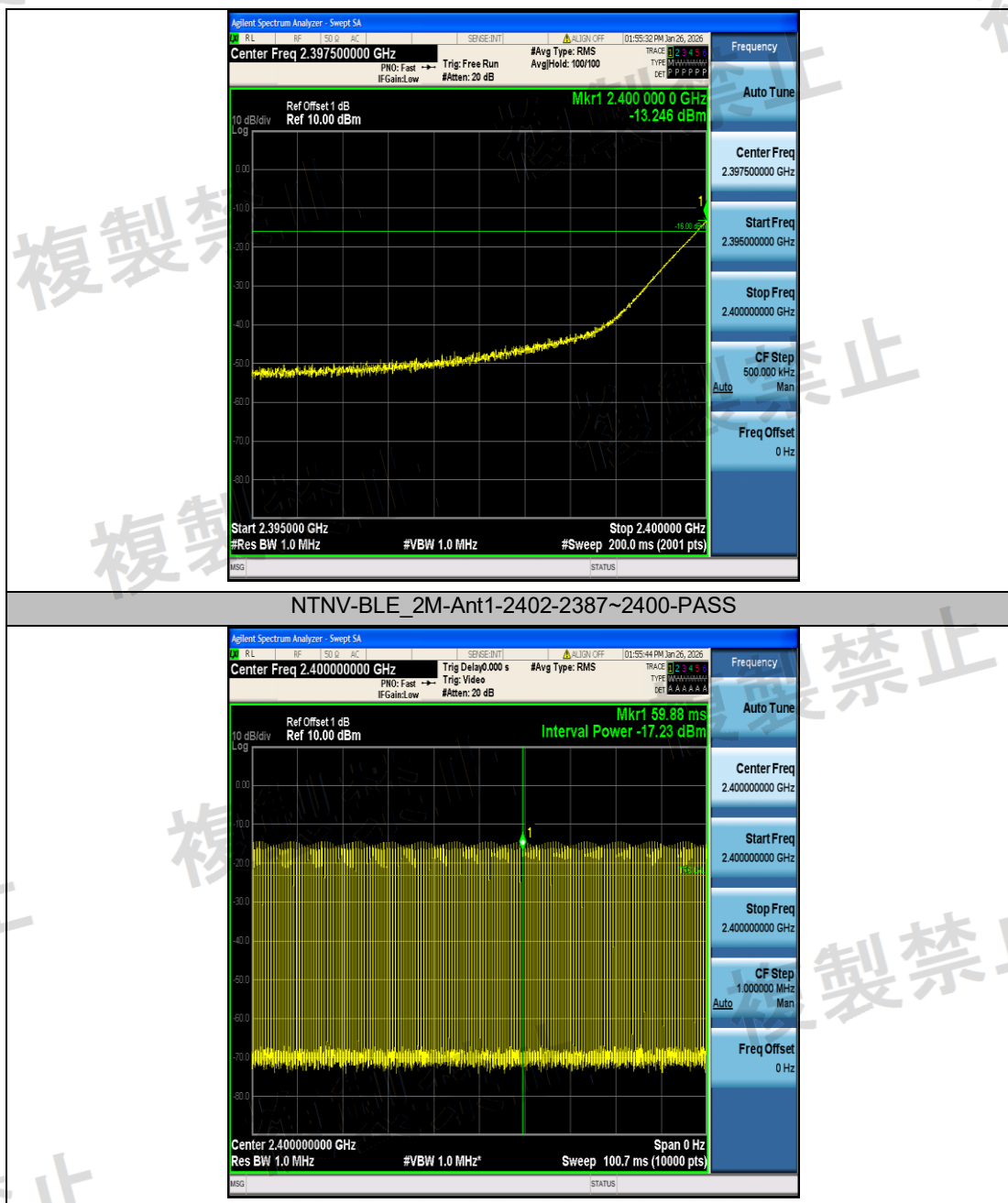








Test Graphs_Step2



Worse case spot check data:

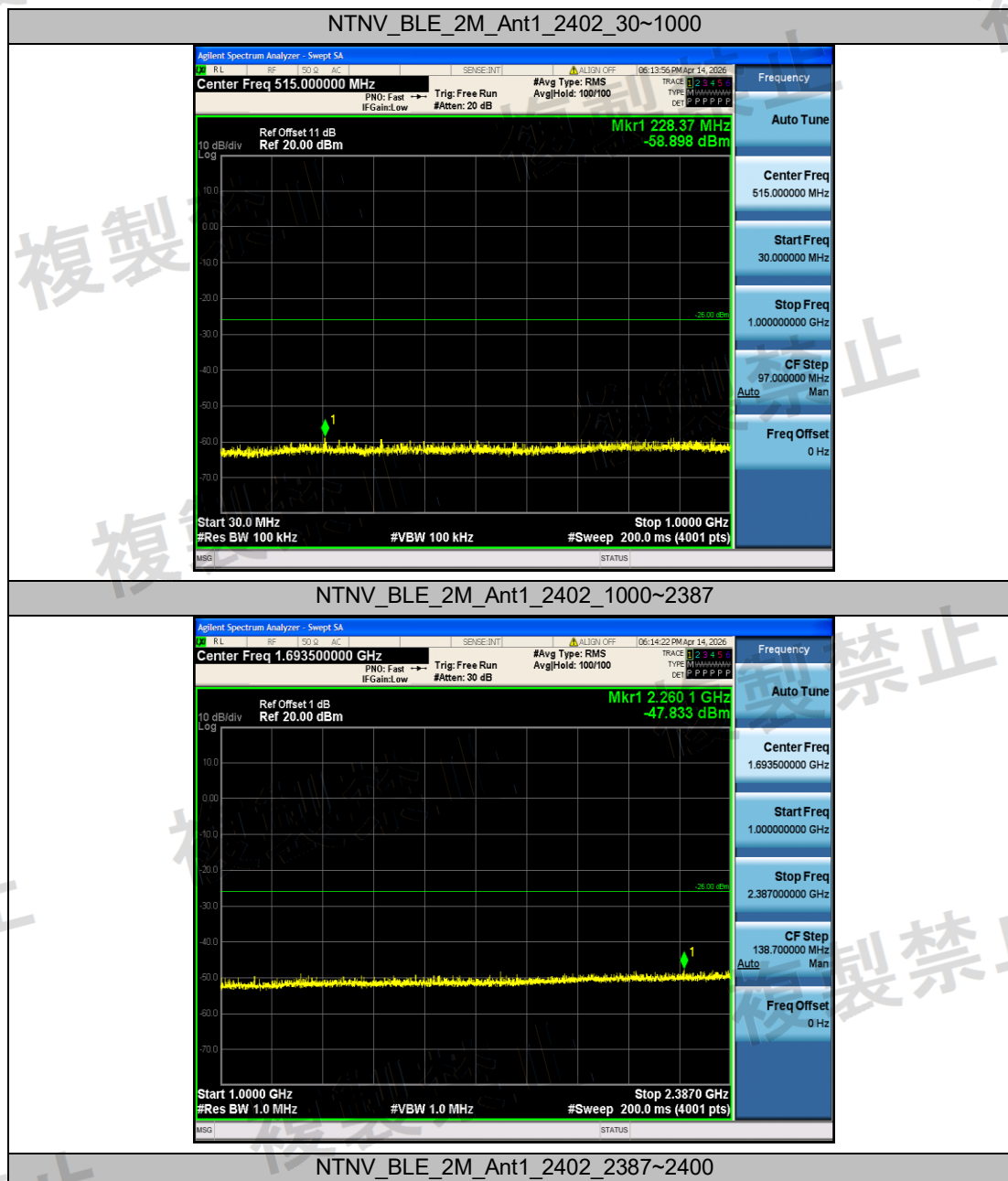
Test Result

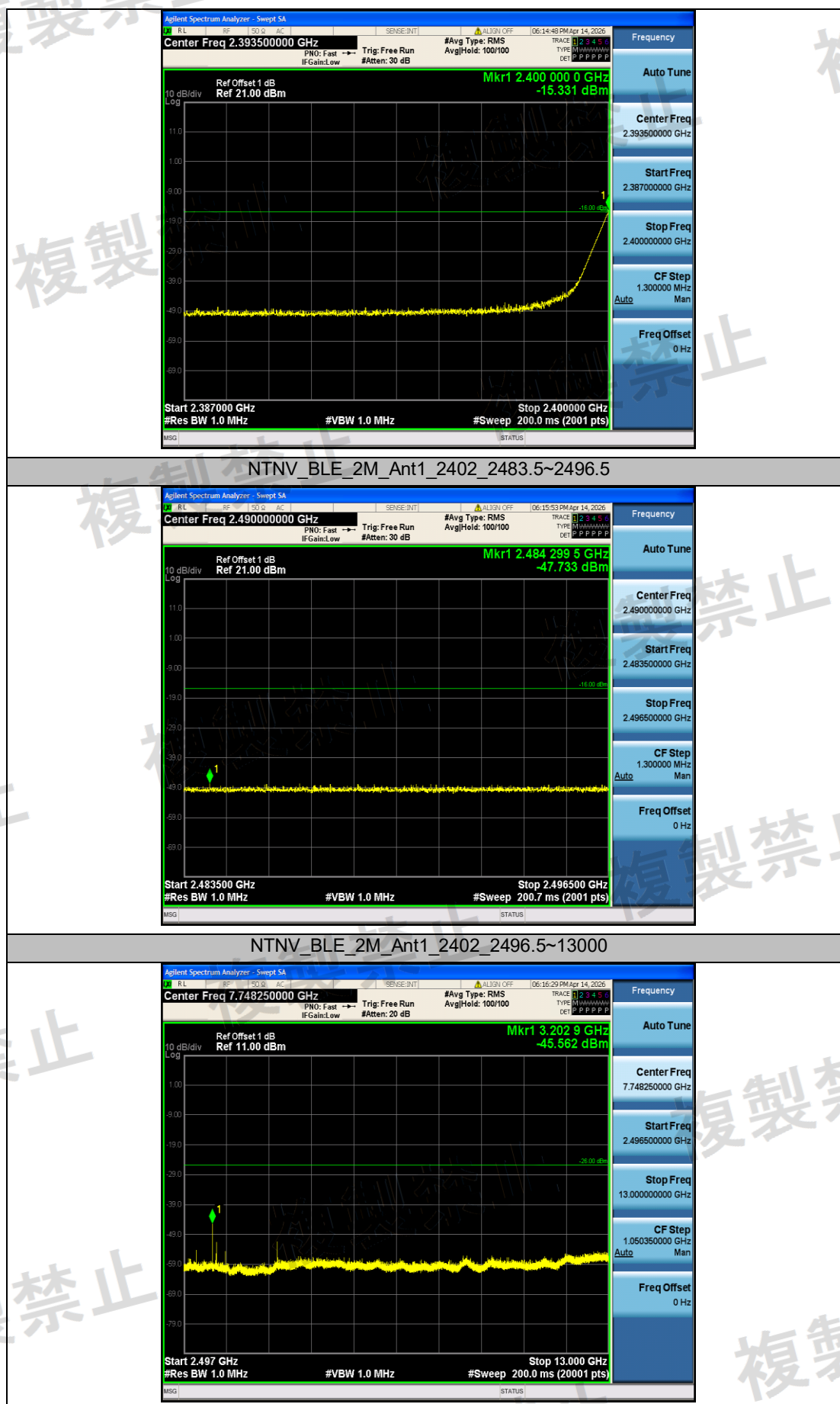
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2402	30~1000	228.37	-58.90	≤-26	0.00129	≤2.5	PASS
				1000~2387	2260.09	-47.83	≤-26	0.01648	≤2.5	PASS
				2387~2400	2400	-15.33	≤-16	29.30893	≤25	See table below
				2483.5~2496.5	2484.30	-47.73	≤-16	0.01687	≤25	PASS
				2496.5~13000	3202.86	-45.56	≤-26	0.02780	≤2.5	PASS

Test Result_Step2

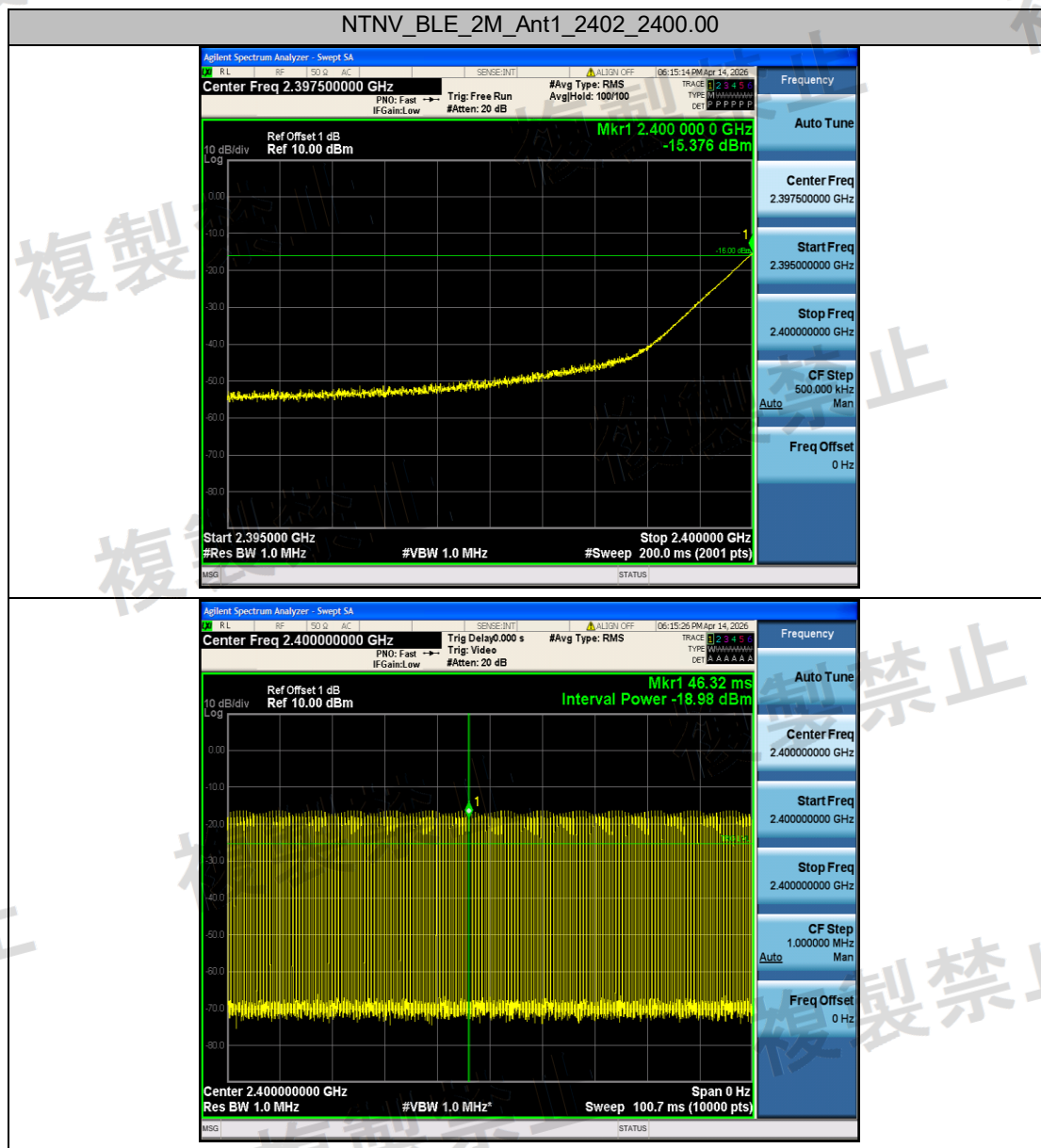
TestCondition	TestMode	Antenna	Freq(MHz)	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2402	2400.00	-18.98	≤-16	12.64736	≤25	PASS

Test Graphs





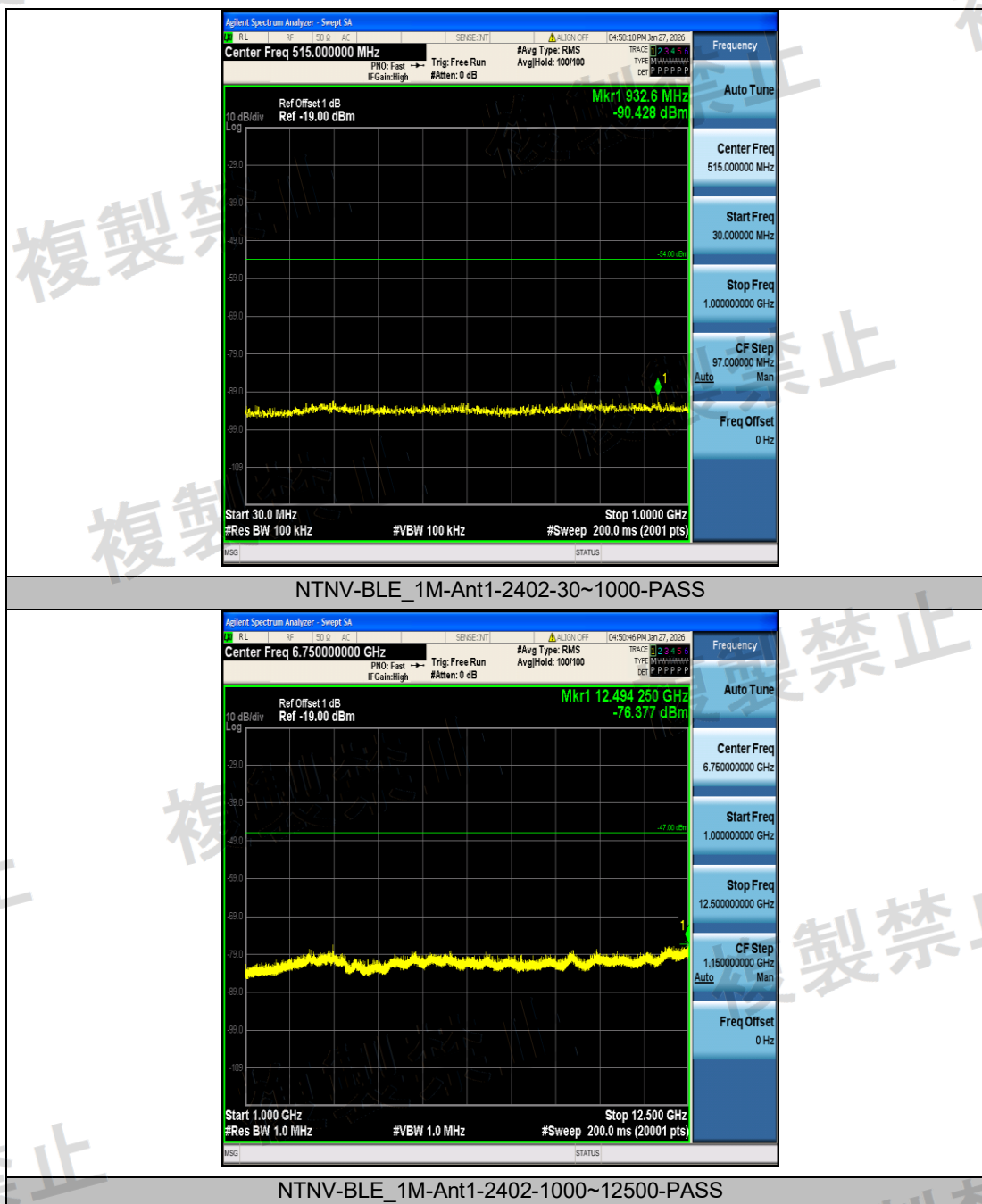
Test Graphs_Step2

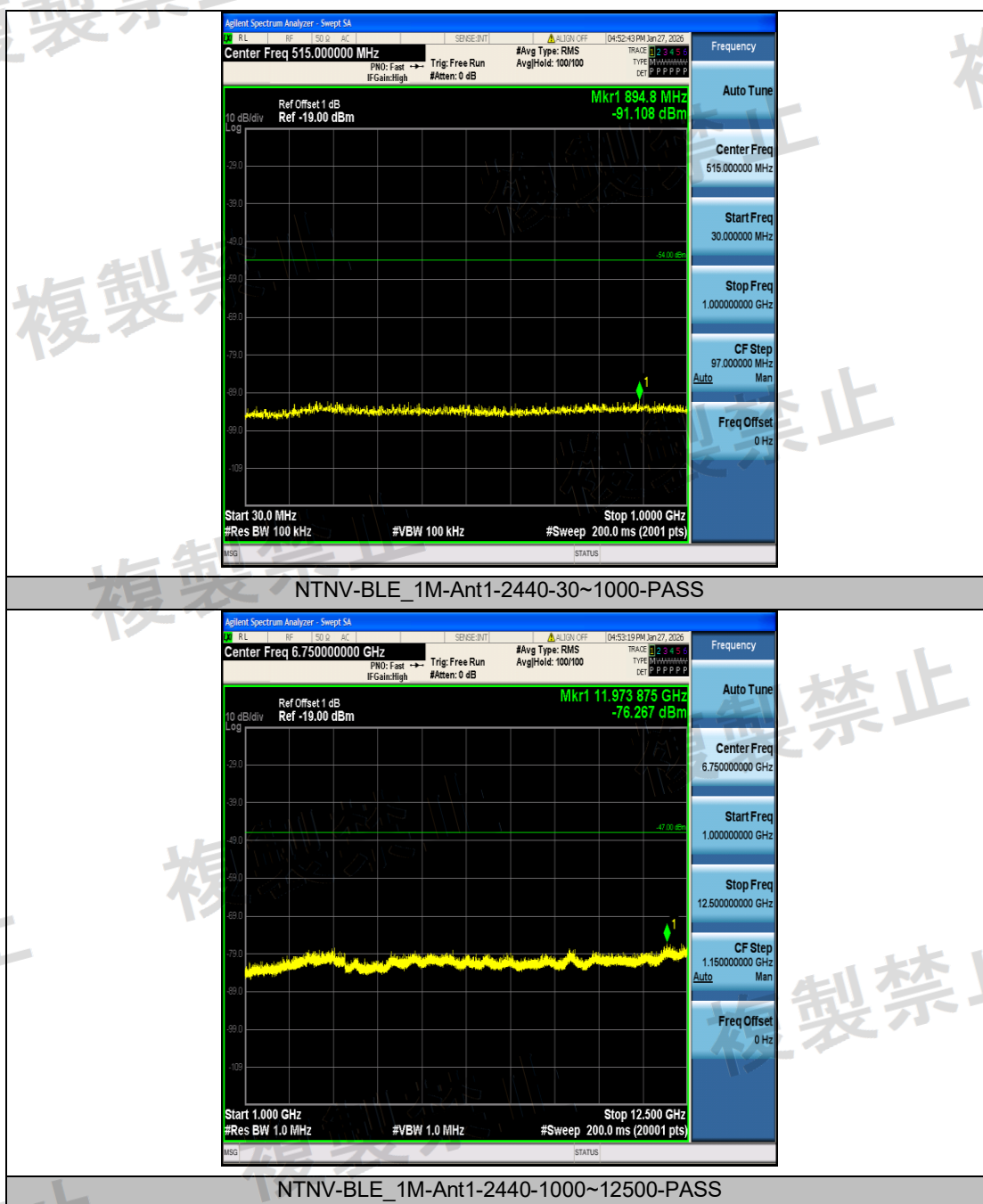


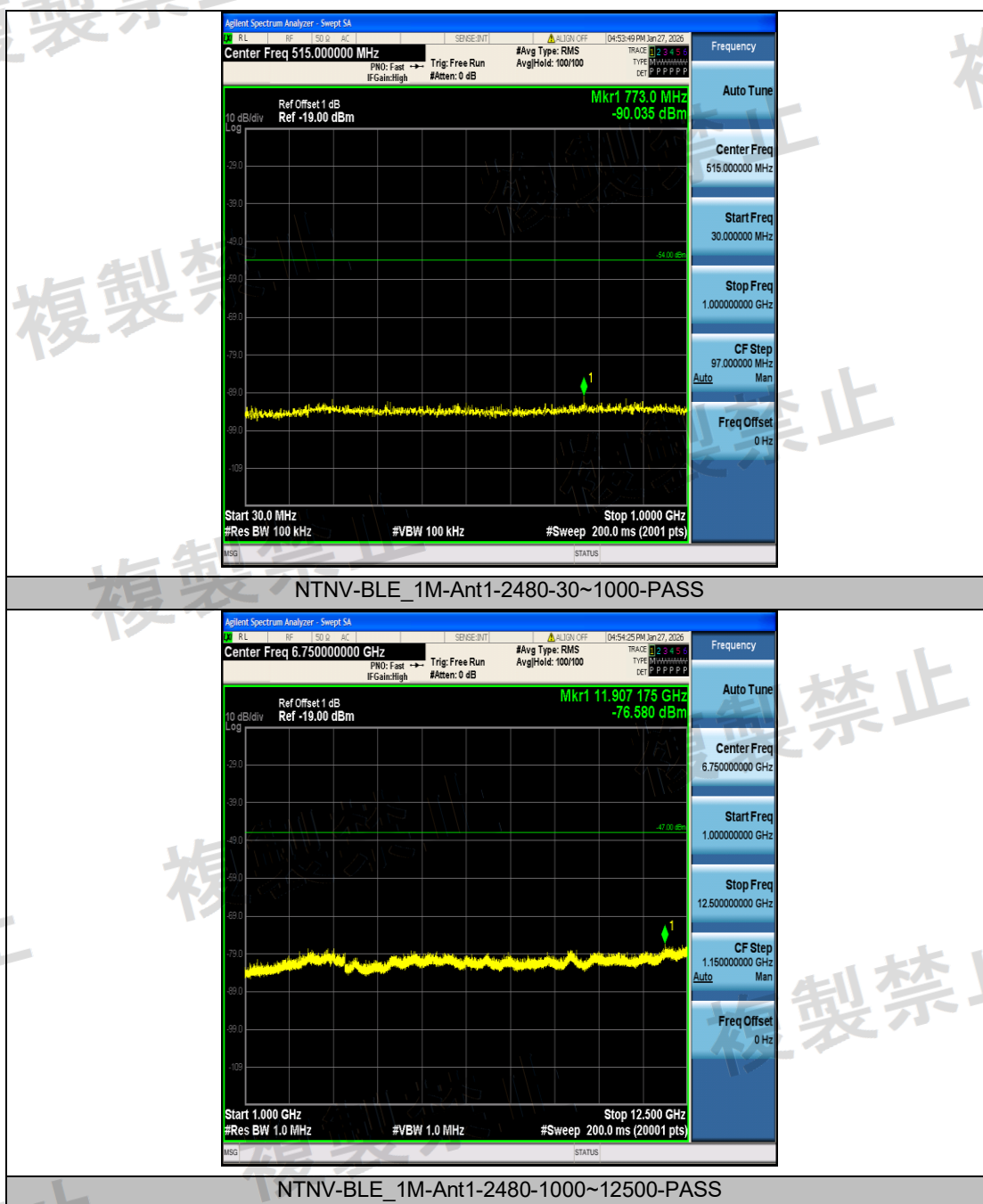
Spurious Emission of RX Test Result

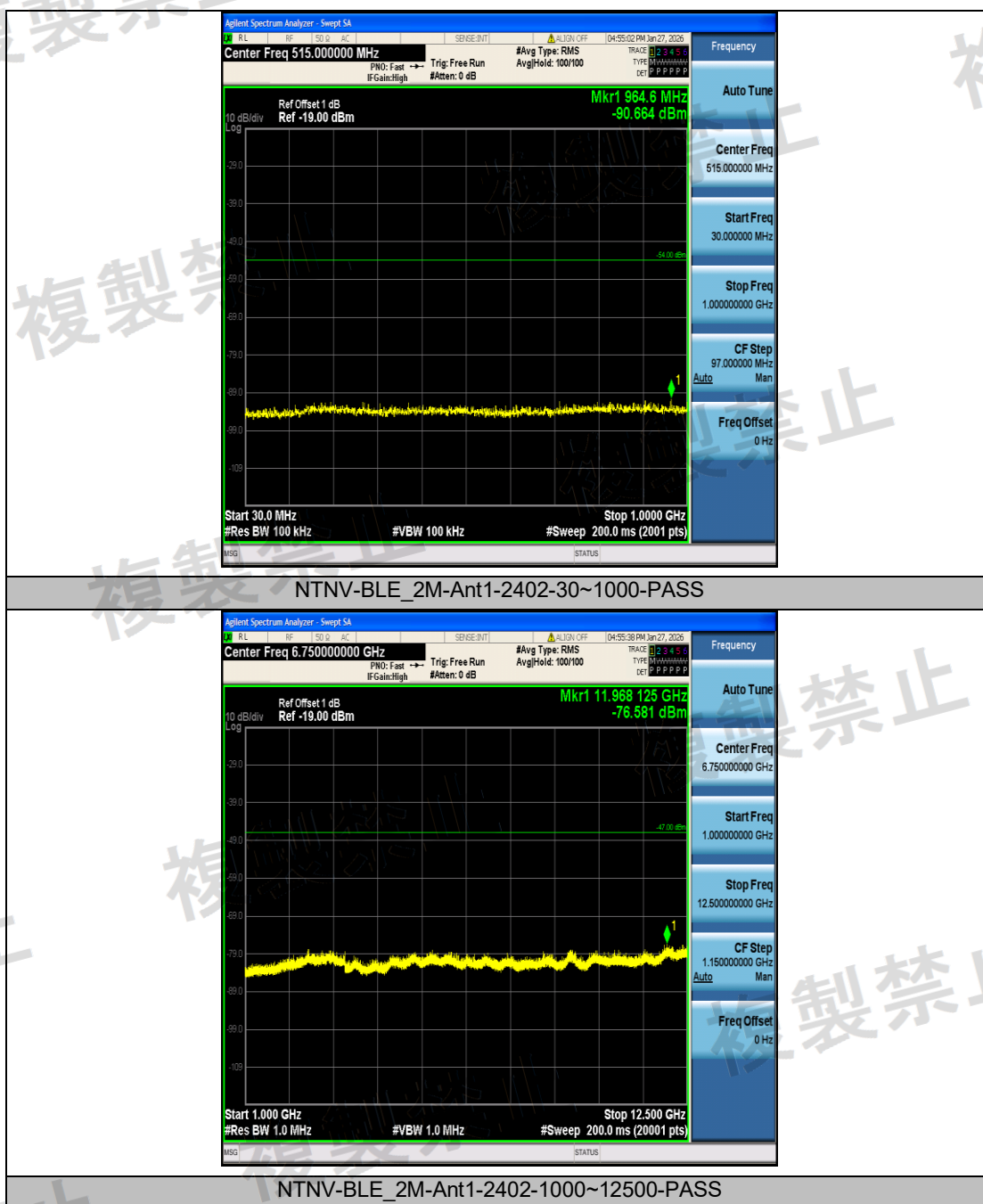
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	932.59	-90.43	≤-54	0.00091	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	12494.25	-76.38	≤-47	0.02301	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	894.76	-91.11	≤-54	0.00077	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	11973.88	-76.27	≤-47	0.02360	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	773.02	-90.04	≤-54	0.00099	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	11907.18	-76.58	≤-47	0.02198	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	964.60	-90.66	≤-54	0.00086	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	11968.13	-76.58	≤-47	0.02198	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	251.65	-91.14	≤-54	0.00077	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	12178.00	-76.83	≤-47	0.02075	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	687.18	-90.59	≤-54	0.00087	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	11924.43	-76.53	≤-47	0.02223	≤20	PASS

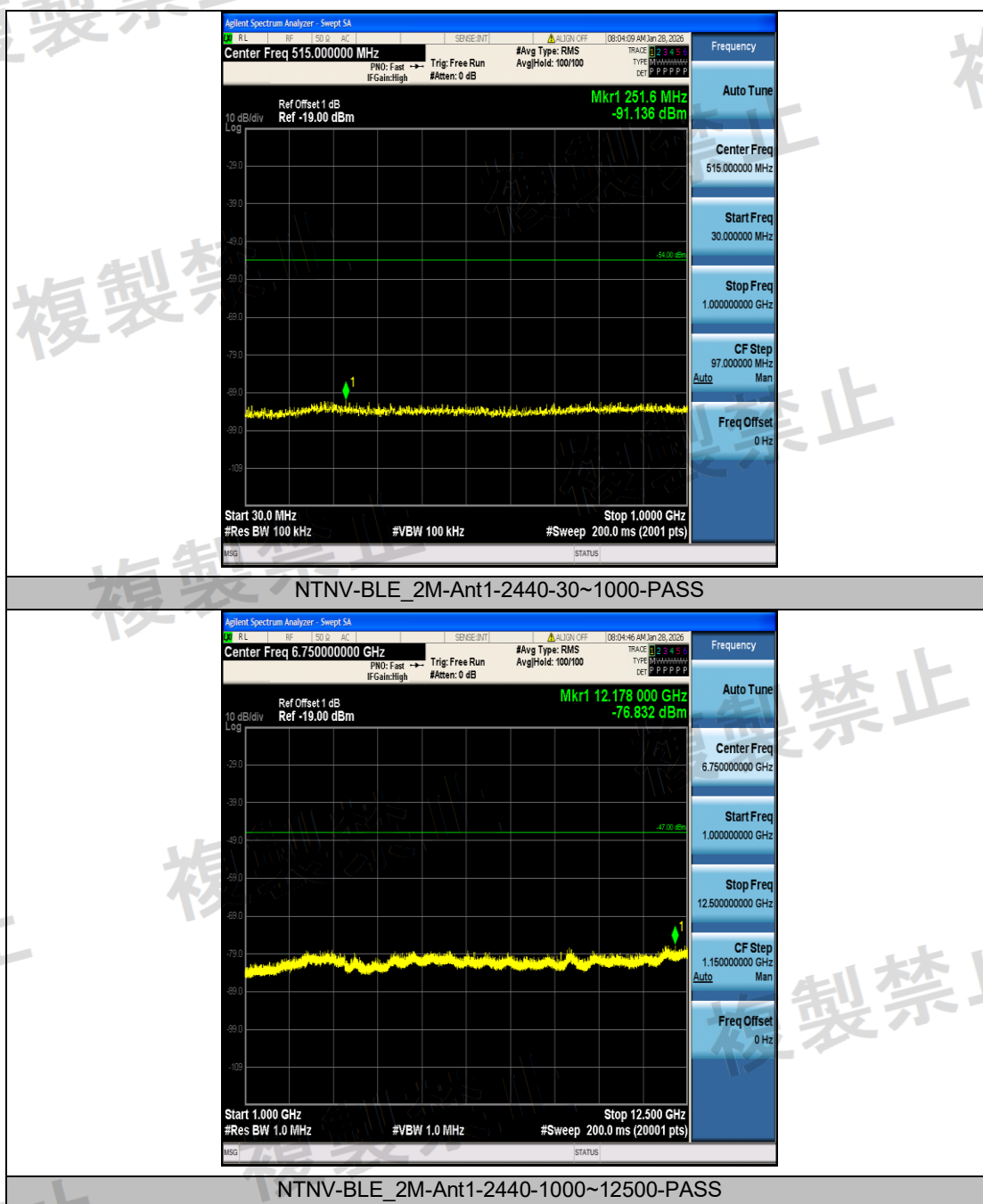
Test Graphs

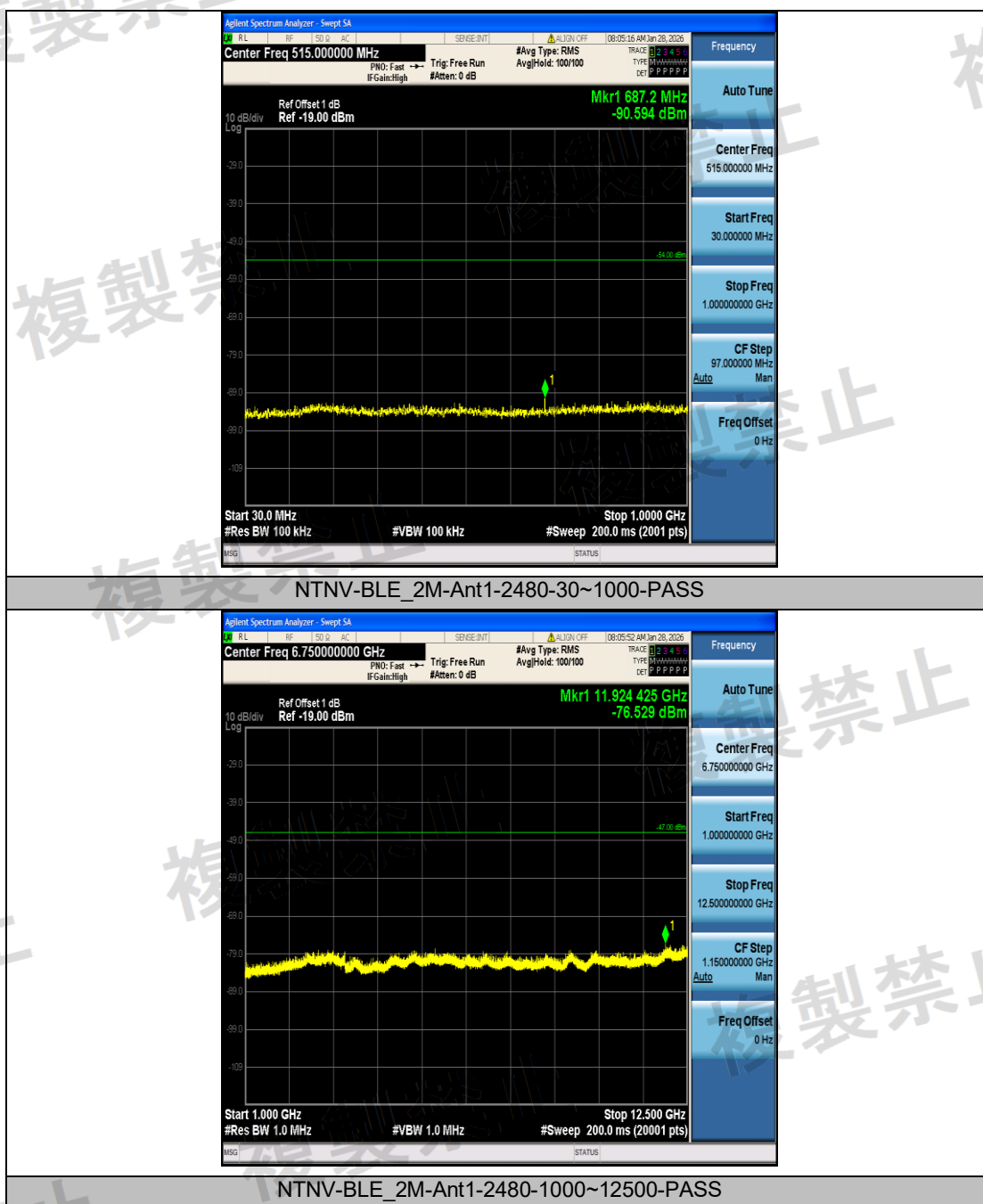












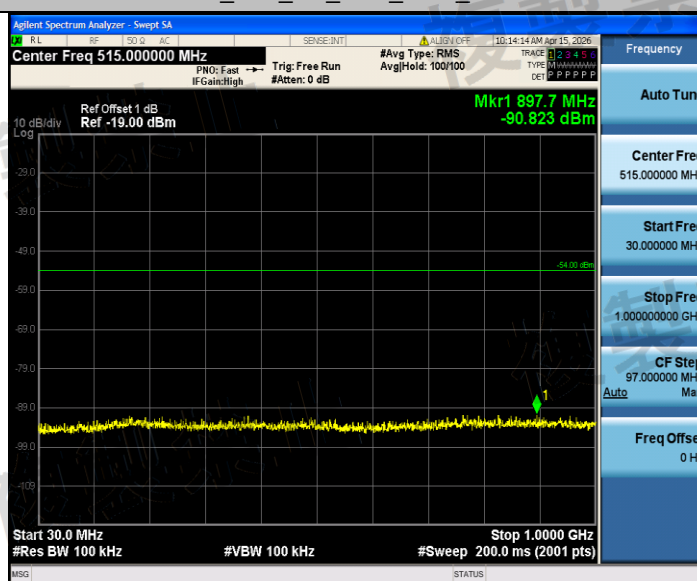
Worse case spot check data:

Test Result

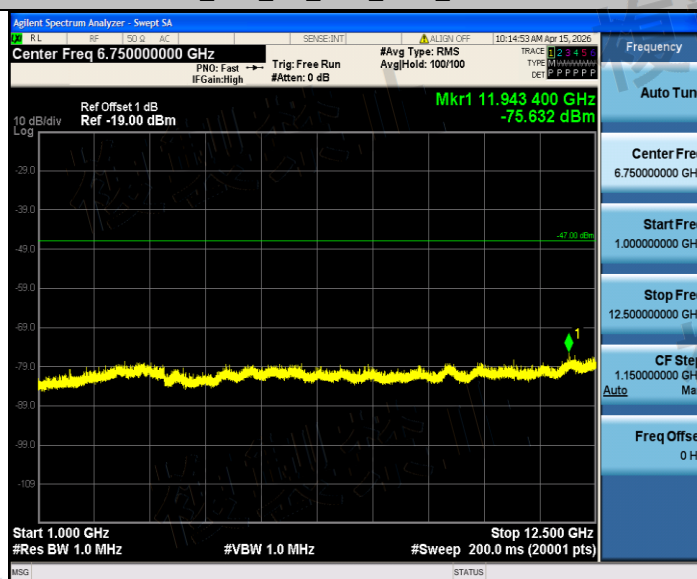
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_2M	Ant1	2402	30~1000	897.67	-90.82	≤-54	0.00083	≤4	PASS
				1000~12500	11943.40	-75.63	≤-47	0.02735	≤20	PASS

Test Graphs

NTNV_BLE_2M_Ant1_2402_30~1000



NTNV_BLE_2M_Ant1_2402_1000~12500



Interference Prevention Function

Test Item	:	Interference Prevention Function Measurement
Test Site	:	TR8
Test Mode	:	Mode: Normal Mode
EUT MAC Address	:	43:62:B0:00:9A:FC



The End