



TEST REPORT

Report Reference No.....	TZ0070260403TRF02
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Date of issue.....	2026-04-27
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Address.....	Room 101, 801 & 901, No. 1 Chilong RD, Humen Town, Dongguan City, Guangdong Province, China
Manufacturer's name	Dongguan Liesheng Electronic Co., Ltd.
Address.....	Room 101, 801 & 901, No. 1 Chilong RD, Humen Town, Dongguan City, Guangdong Province, China
Test specification.....	
Standard	MIC Notice No.88 Appendix No.43 Article 2, paragraph 1, item 19
TRF Originator.....	SZTZ
Master TRF	Dated 2024-08
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Test item description	True Wireless Noise Cancellation Earphones
Trade Mark	HAYLOU
Model/Type reference.....	HT02
Ratings.....	DC 3.85V by battery or DC 5V by adapter
Result.....	PASS





**** Report Revise Record ****

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	2026-04-27	Valid	Initial release





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1. Test Standards and description

1.1. Test Standards

The tests were performed according to following standards:

Regulation: Item I of Article 49-20 and the relevant Articles of the ordinance of Regulatory Radio Equipment.

Test Method: (1)the test method suppressed on is equal to Appendix No.43 of MIC Notification No 88

1.2. Test description

Test Item	Test Method	Result
Antenna Power	Appendix No.43 of MIC Notification No 88 section 6	Pass
Frequency Error	Appendix No.43 of MIC Notification No 88 section 3	Pass
Interference prevention function	Appendix No.43 of MIC Notification No 88 section 12	Pass
99% Occupied bandwidth	Appendix No.43 of MIC Notification No 88 section 4	Pass
Spurious Emissions Intensity	Appendix No.43 of MIC Notification No 88 section 5	Pass
Limit of secondary radiated emissions	Appendix No.43 of MIC Notification No 88 section 7	Pass
Hopping Frequency Dwell Time Measurement	Appendix No.43 of MIC Notification No 88 section 13	N/A
Transmission Antenna Gain (EIRP antenna power)	Appendix No.43 of MIC Notification No 88 section 10	Pass
Transmission Radiation Angle Width (3db Beamwidth)	Appendix No.43 of MIC Notification No 88 section 11	N/A

N/A: means not applicable





2. Summary

2.1. General Remarks

Date of receipt of test sample : 2026-04-13
Testing commenced on : 2026-04-13
Testing concluded on : 2026-04-26

2.2. Product Description

Name of EUT	: True Wireless Noise Cancellation Earphones
Trade Mark	: HAYLOU
Model/Type reference	: HT02
Test Model	: HT02
Hardware Version	: V6.0
Software Version	: V6.0
Power supply	: DC 3.85V by battery or DC 5V by adapter

2.3. Wireless Function Tested in this report

Bluetooth[BLE]	
Modulation	: GFSK
Operation frequency	: 2402MHz~2480MHz
Channel number	: 40
Channel separation	: 2MHz
Antenna type	: FPC antenna
Antenna gain	: Left: 0.07dBi Right: -1.60dBi

Note 1: The left and right earphones use the same PCB design, therefore only the left earphone was tested.





Operation Frequency List:

Channel	Frequency(MHz)	Channel	Frequency(MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
08	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

2.4. EUT operation mode

The EUT has been tested under typical operating condition. The Applicant provides software(FCC_assist_1.0.2.2 at default power level) to control the EUT for staying in continuous transmitting and receiving mode for testing.

2.5. Test Voltage

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input To EUT	DC 3.85V	DC 4.2V	DC 3.5V
Output To RF Module	DC 3.3V	DC 3.3V	DC 3.3V
Voltage Variation (%)	--	--	--

Note:

Voltage Variation (%)

= (Output high or Low Voltage - Output Normal Voltage)/ Output Normal Voltage* 100

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.





2.6. EUT configuration

(1) The following peripheral devices and interface cables were connected during the measurement:

- - supplied by the manufacturer
- - supplied by the lab

○	Adapter	Model:	MDY-10-EH
		Input:	Input 100-240VAC 50/60Hz 0.7A
		Output:	Output 5V-3A

(2) Protective Structure

- ☐ The exterior cover was sealed by Special screws, it can not be easily open.
- ☐ The enclosure was sealed with strong adhesive glue, it can not be easily open.
- ☐ All high-frequency section and modulation section was packaged in one IC, and shield by metal shield, it can not be easily open.
- ☐ The top and the bottom is connected with strong Buckles, it can not be easily open.
- ☒ Others: The top and the bottom is connected with strong Buckles, So We can not open the it easily at the normal condition. The high-frequency section and modulation section can not be capable of being opened easily



2.7. Modifications

No modifications were implemented to meet testing criteria.





3. Test Environment

3.1. Address of the test laboratory

Shenzhen Tongzhou Testing Co.,Ltd

1st Floor, Building 1, Haomai High-tech Park, Huating Road 387, Dalang Street, Longhua, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 (2014) and CISPR Publication 22.

3.2. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 „Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements“ and is documented in the Shenzhen Tongzhou Testing Co.,Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Tongzhou Testing Co.,Ltd is reported:

Test Items	Measurement Uncertainty	Notes
Frequency stability	25 Hz	(1)
Transmitter power conducted	0.57 dB	(1)
Transmitter power Radiated	2.20 dB	(1)
Conducted spurious emission 9KHz-12.75 GHz	1.60 dB	(1)
Radiated spurious emission 9KHz-12.75 GHz	2.20 dB	(1)
Conducted Emission 9KHz-30MHz	3.39 dB	(1)
Radiated Emission 30~1000MHz	4.24 dB	(1)
Radiated Emission 1~18GHz	5.16 dB	(1)
Radiated Emission 18-40GHz	5.54 dB	(1)
Occupied Bandwidth	-----	(1)
Emission Mask	-----	(1)
Modulation Characteristic	-----	(1)
Transmitter Frequency Behavior	-----	(1)

- (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=1.96$.





3.3. Equipments Used during the Test

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Latest Cal.	Next Cal.
1	MXA Signal Analyzer	Keysight	N9020A	MY52091623	2025-12-31	2026-12-30
2	EMI Test Receiver	R&S	ESCI	100849/003	2025-12-31	2026-12-30
3	DC power supply	Chroma	RXN-305D	62012PD02811	2025-12-31	2026-12-30
4	Power Meter	Agilent	NRVD	835843/014	2025-12-31	2026-12-30
5	Wideband Radio Communication Tester	R&S	CMW500	101855	2025-12-31	2026-12-30
6	Oscilloscope	Tektronix	TDS2024C	C044925	2025-12-31	2026-12-30
7	Signal Generator	Keysight	N5182A	MY4620709	2025-12-31	2026-12-30

Full Name of calibration company: Guangzhou Lisai Metrology & Test co., Ltd.

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

- ☐ (a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18-1 of the Radio Act
- ☐ (b) Calibration conducted based on the regulations of Article 135 or 144 of the Measurement Act
- ☒ (c) Calibration conducted in foreign countries, which is equivalent to calibration conducted by the NICT or a designated calibration agency under Article 102-18-1 of the Radio Act
- ☐ (d) Calibration, etc. conducted by using measuring instruments and other facilities listed at the bottom of appended table 3 of the Radio Act, which is to have been calibrated as described in (a) through (c) above





4. Test conditions and Results

4.1. Antenna Power

TEST CONFIGURATION



TEST PROCEDURE

1. EUT have transmitted continuous maximum power..
2. Measure the power with the power meter.
3. Record the reading on the power meter as antenna output power.

LIMIT

Item	Limits
Antenna Power Density	$\leq 3\text{mW/MHz}$ (FH form 2400~2483.5MHz) $\leq 10\text{mW/MHz}$ (OFDM,DS from 2400~2483.5MHz) $\leq 10\text{mW}$ (Other from 2400~2483.5MHz)
Antenna Power Error	$\leq 20\%$ (Base on manufacturer declare antenna power density)



**TEST RESULTS**

Antenna Power							
Test Condition	Test Mode	Antenna	Freq (MHz)	Result (dBm)	Result (mW)	Limit (mW)	Verdict
NTNV	BLE_1M	Ant1	2402	-0.49	0.8933	≤10	PASS
			2440	0.51	1.1246	≤10	PASS
			2480	1.00	1.2589	≤10	PASS
	BLE_2M	Ant1	2402	2.26	1.6827	≤10	PASS
			2440	3.84	2.4210	≤10	PASS
			2480	4.37	2.7353	≤10	PASS
NTLV	BLE_1M	Ant1	2402	-0.41	0.9099	≤10	PASS
			2440	0.51	1.1246	≤10	PASS
			2480	0.95	1.2445	≤10	PASS
	BLE_2M	Ant1	2402	2.27	1.6866	≤10	PASS
			2440	3.80	2.3988	≤10	PASS
			2480	4.35	2.7227	≤10	PASS
NTHV	BLE_1M	Ant1	2402	-0.56	0.8790	≤10	PASS
			2440	0.69	1.1722	≤10	PASS
			2480	1.02	1.2647	≤10	PASS
	BLE_2M	Ant1	2402	2.29	1.6943	≤10	PASS
			2440	3.83	2.4155	≤10	PASS
			2480	4.36	2.7290	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.8933	5	-82.13	≤20	PASS
			2440	1.1246	5	-77.51	≤20	PASS
			2480	1.2589	5	-74.82	≤20	PASS
	BLE_2M	Ant1	2402	1.6827	5	-66.35	≤20	PASS
			2440	2.4210	5	-51.58	≤20	PASS
			2480	2.7353	5	-45.29	≤20	PASS
NTLV	BLE_1M	Ant1	2402	0.9099	5	-81.80	≤20	PASS
			2440	1.1246	5	-77.51	≤20	PASS
			2480	1.2445	5	-75.11	≤20	PASS
	BLE_2M	Ant1	2402	1.6866	5	-66.27	≤20	PASS
			2440	2.3988	5	-52.02	≤20	PASS
			2480	2.7227	5	-45.55	≤20	PASS
NTHV	BLE_1M	Ant1	2402	0.8790	5	-82.42	≤20	PASS
			2440	1.1722	5	-76.56	≤20	PASS
			2480	1.2647	5	-74.71	≤20	PASS
	BLE_2M	Ant1	2402	1.6943	5	-66.11	≤20	PASS
			2440	2.4155	5	-51.69	≤20	PASS
			2480	2.7290	5	-45.42	≤20	PASS

Remark:

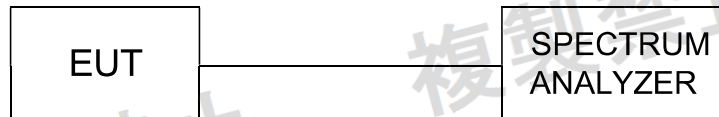
- 1, The item was tested at 25℃ and 55% humidity condition;
- 2, Result = the power meter value + cable loss





4.2. Frequency Error

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: non-modulation

Spectrum Condition:

Frequency: test frequency

Span:1MHz

Rbw:10KHz

Vbw:10KHz

Sweep time:Auto

Dectector mode: Positive peak

Indication mode: max hold

The frequency error in PPM (Parts Per Million) is calculated using the following formula:

$$PPM = \frac{f_{\text{measured}} - f_{\text{nominal}}}{f_{\text{nominal}}} \times 10^6$$

Where:

- f_{measured} = measured frequency
- f_{nominal} = nominal (target) frequency

LIMIT

Tolerance of frequency shall be ± 50 ppm.

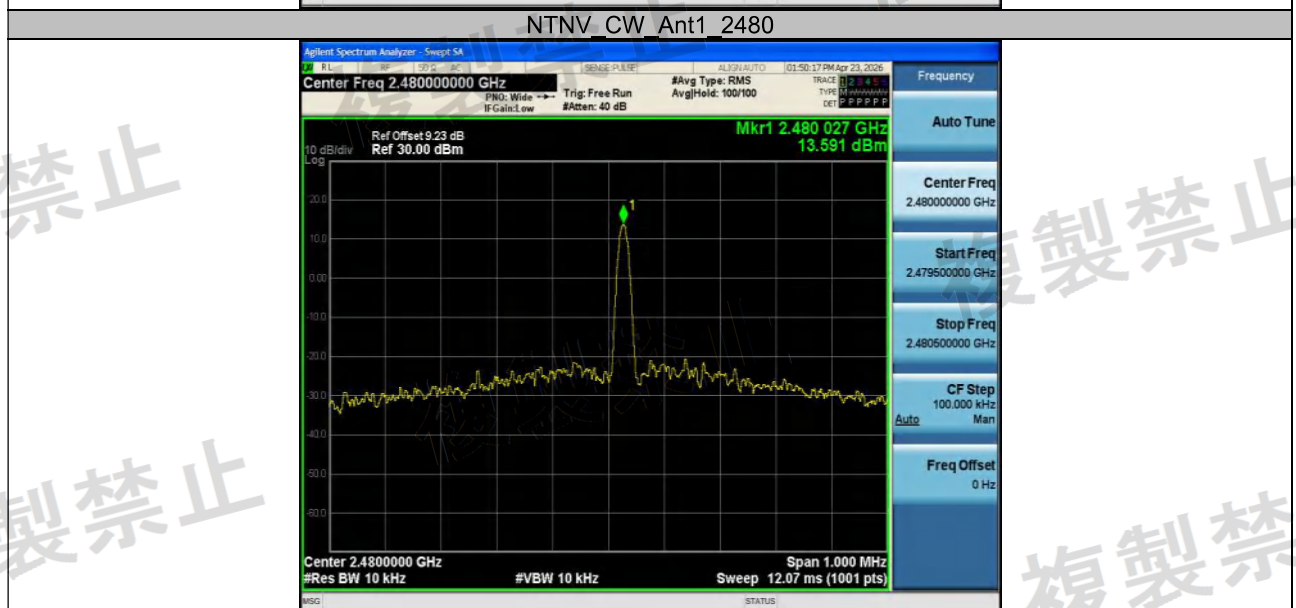
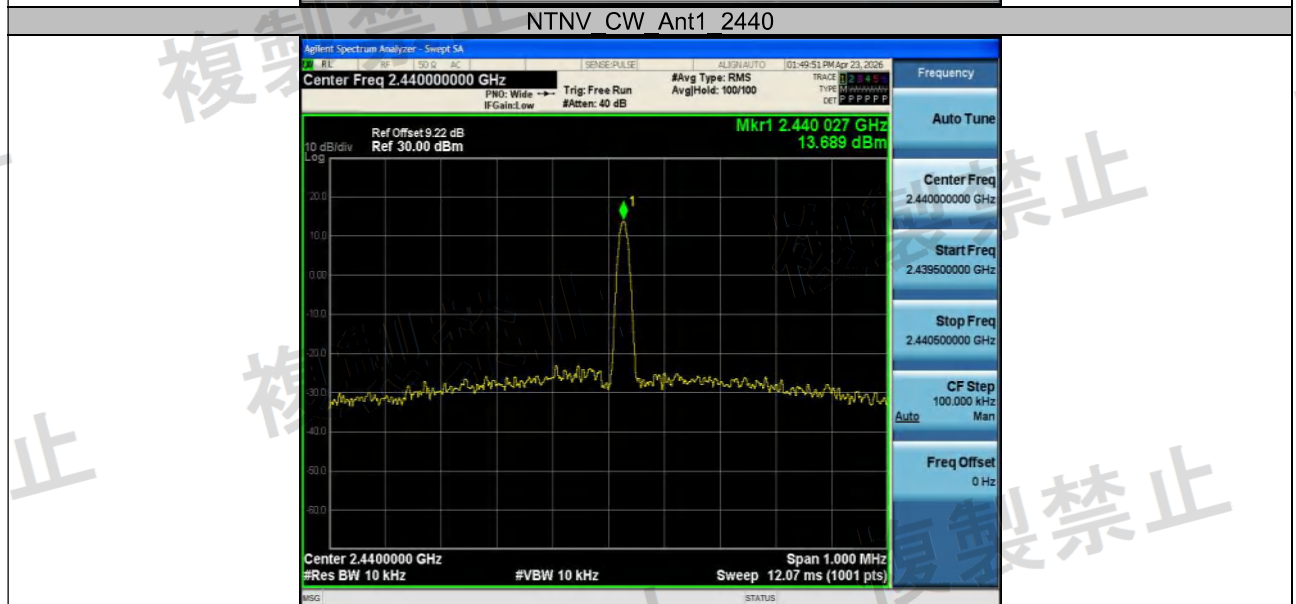
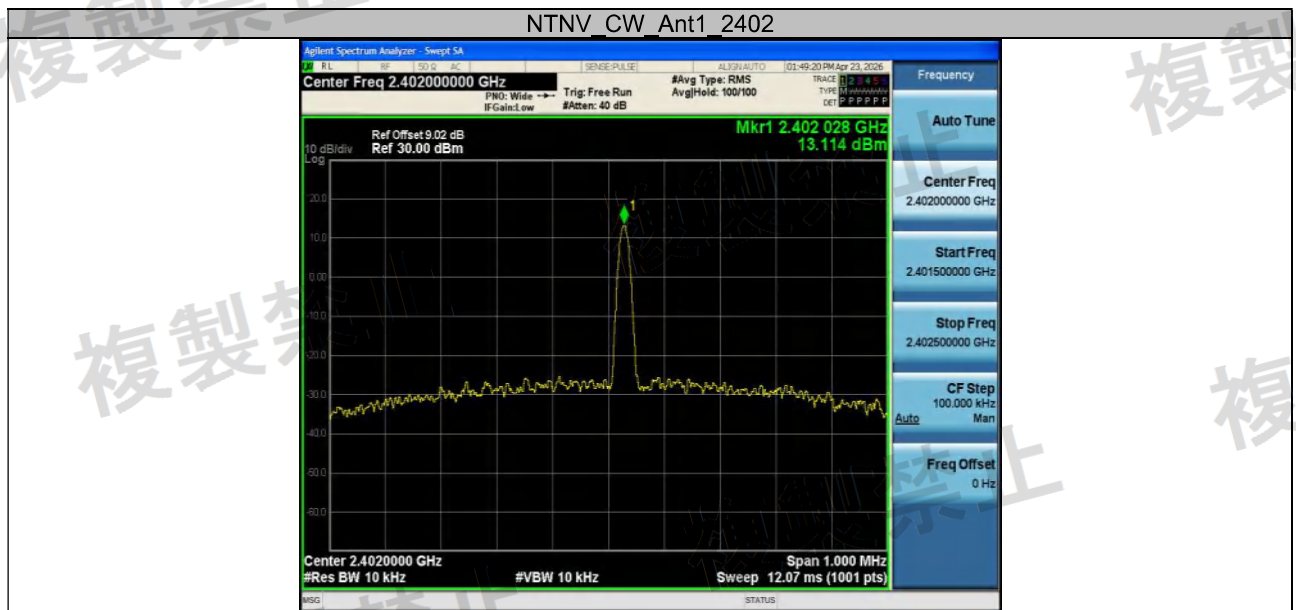
TEST RESULTS

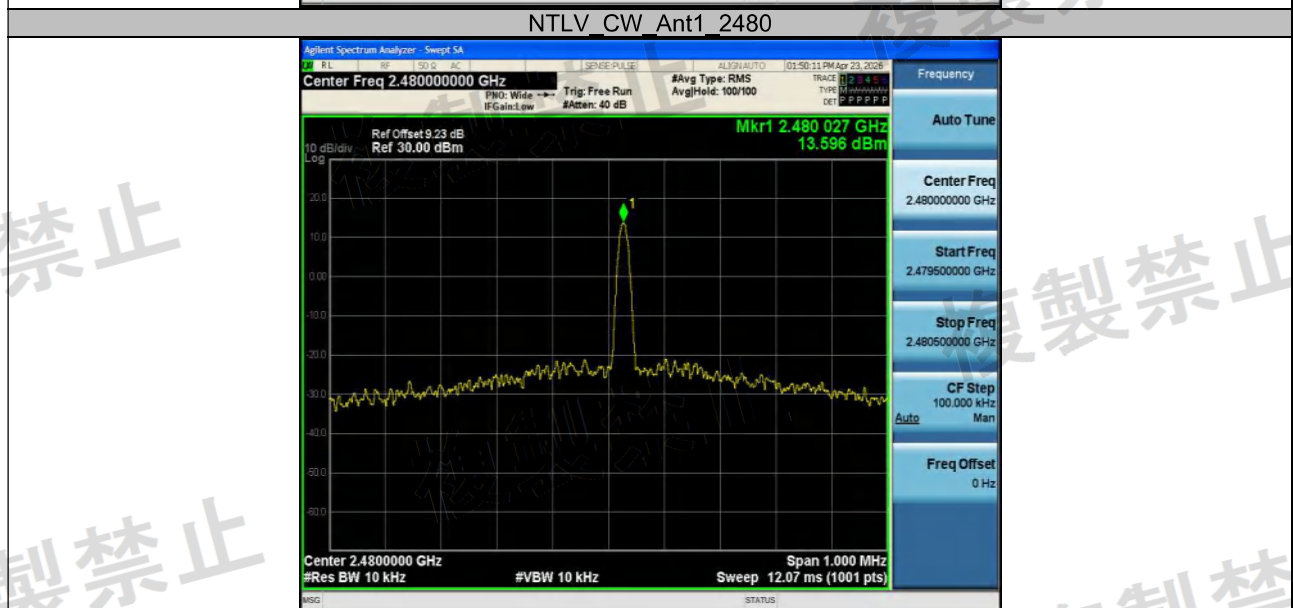
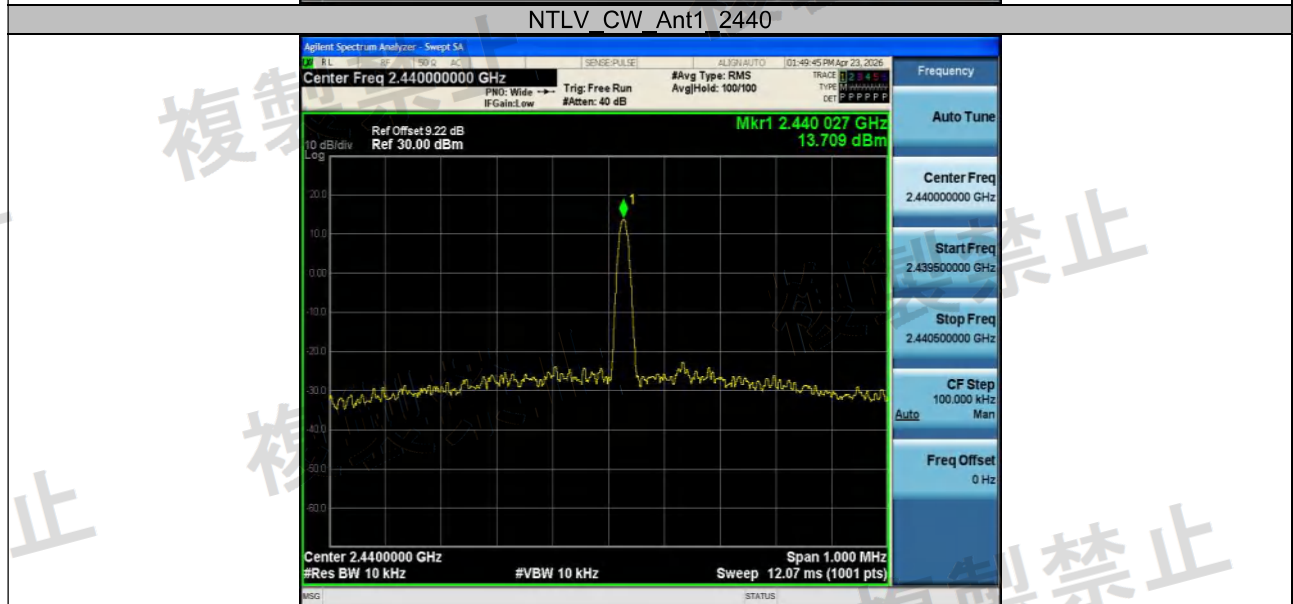
Test Condition	Test Mode	Antenna	Freq [MHz]	CenterFreq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	CW	Ant1	2402	2402.028	11.65695	± 50	PASS
			2440	2440.027	11.06557	± 50	PASS
			2480	2480.027	10.88710	± 50	PASS
NTLV	CW	Ant1	2402	2402.029	12.07327	± 50	PASS
			2440	2440.027	11.06557	± 50	PASS
			2480	2480.027	10.88710	± 50	PASS
NTHV	CW	Ant1	2402	2402.027	11.24063	± 50	PASS
			2440	2440.027	11.06557	± 50	PASS
			2480	2480.027	10.88710	± 50	PASS

Note: 1. The test results including the cable lose.
2. The item was tested at 25 °C and 55% humidity condition;
3.All condition has been testd,list the worst case in this item

Test plot as follows:





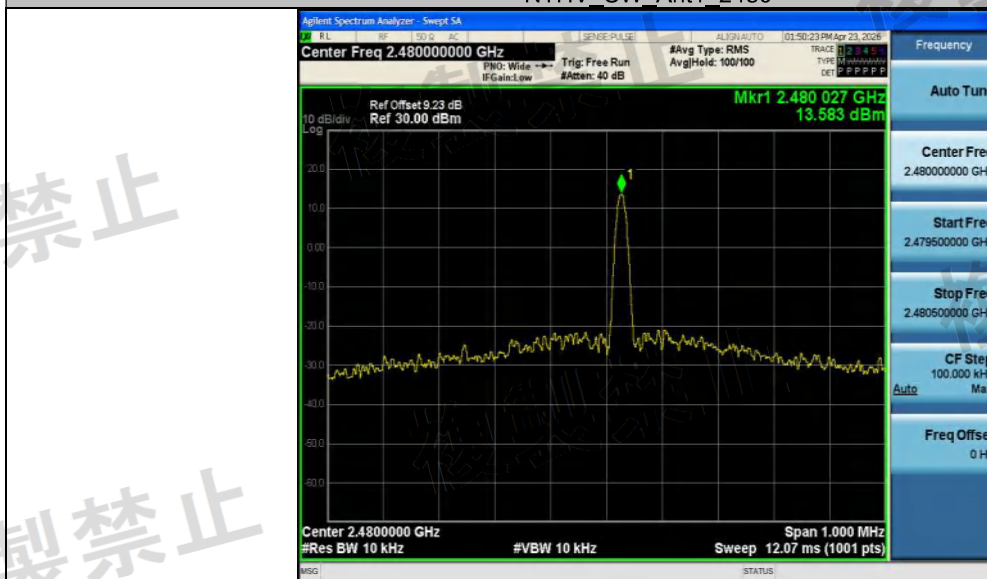




NTHV CW Ant1_2440



NTHV CW Ant1_2480





4.3. Interference Prevention Function

The device consists of the Antenna and transmitter module. Component transmitter module also can use the protocol function to protect interference come from outside.

TEST EQUIPMENT

CMW500

TEST SOFTWARE

N/A

TEST PROCEDURE

1. Open the software
2. Scan for EUT, and read the MAC address.

TEST RESULTS

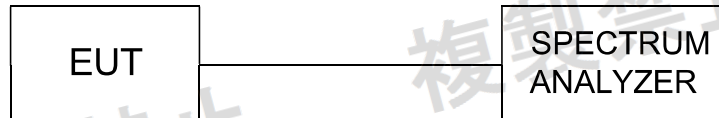
The unit does meet the requirements.
MAC Address:65:F5:EA:4F:2F:9E





4.4. Occupied Bandwidth (99%)

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: modulation

Spectrum Condition:

Frequency: Center frequency in the band to be used

Span:4MHz

RBW:30KHz

VBW:30KHz

Sweep time:Auto

Dectector mode: Positive peak

Indication mode: max hold

LIMIT

Permissible value for occupied bandwidth using the FH system, a hybrid system combining DS and FH systems, or a hybrid system combining FH and OFDM systems shall be 83.5 MHz or less, while necessary bandwidth (minimum occupied bandwidth sufficient to ensure information transmission of required quality at a required transmission rate for the system used under specified conditions for a given emission type) using a system other than any of the above shall be 26 MHz or less.

TEST RESULTS

Test Condition	Test Mode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.038	≤26	PASS
			2440	1.035	≤26	PASS
			2480	1.036	≤26	PASS
	BLE_2M	Ant1	2402	2.045	≤26	PASS
			2440	2.043	≤26	PASS
			2480	2.028	≤26	PASS
NTLV	BLE_1M	Ant1	2402	1.029	≤26	PASS
			2440	1.038	≤26	PASS
			2480	1.031	≤26	PASS
	BLE_2M	Ant1	2402	2.051	≤26	PASS
			2440	2.048	≤26	PASS
			2480	2.037	≤26	PASS
NTHV	BLE_1M	Ant1	2402	1.034	≤26	PASS
			2440	1.036	≤26	PASS
			2480	1.041	≤26	PASS
	BLE_2M	Ant1	2402	2.039	≤26	PASS
			2440	2.041	≤26	PASS
			2480	2.037	≤26	PASS

Note: 1. The test results including the cable lose.
2. The item was tested at 25℃ and 55% humidity condition;
3.All condition has been testd,list the worst case in this item

Test plot as follows:

Shenzhen Tongzhou Testing Co., Ltd.

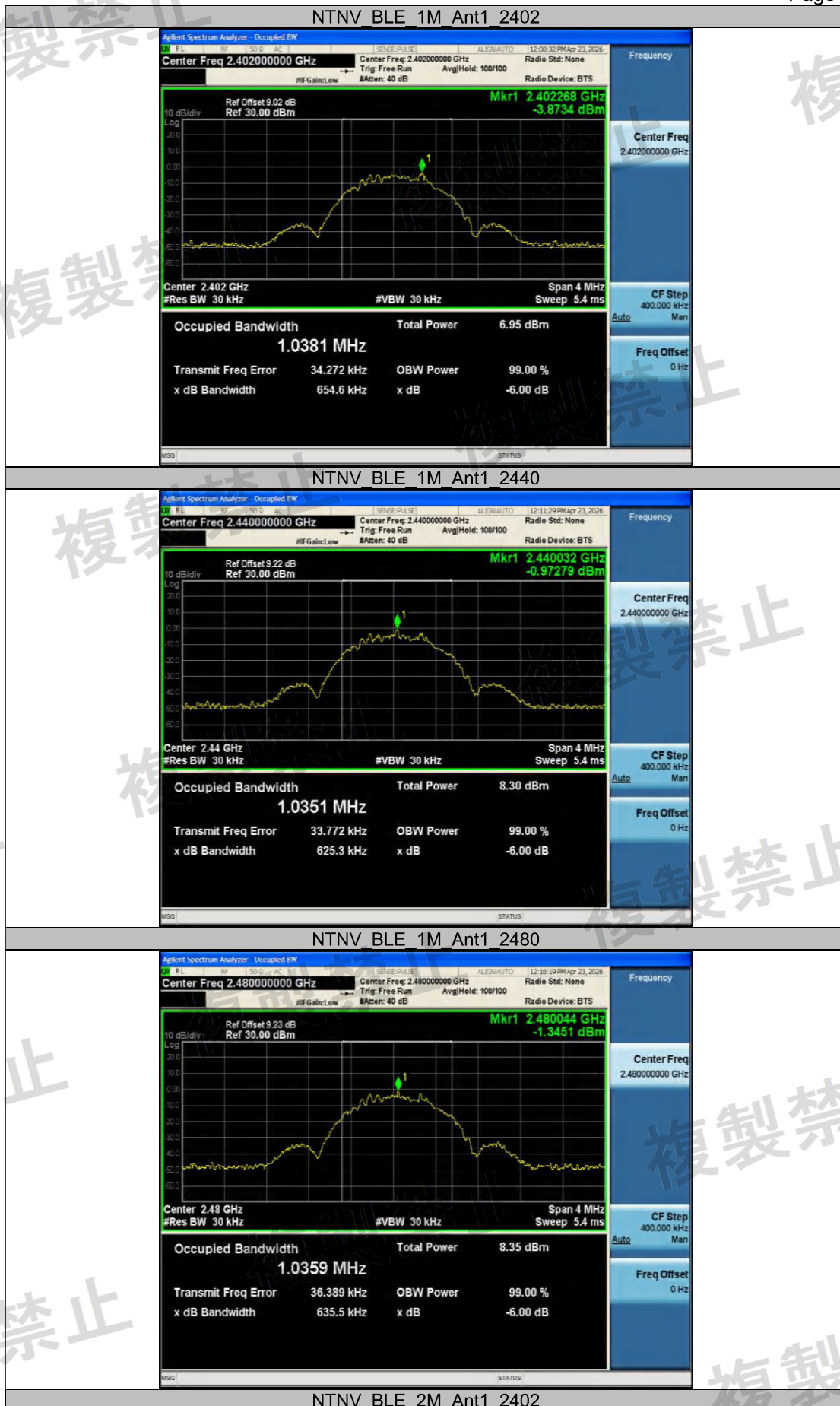
Add: 1st Floor, Building 1, Haomai High-tech Park, Huating Road 387, Dalang Street, Longhua, Shenzhen, China

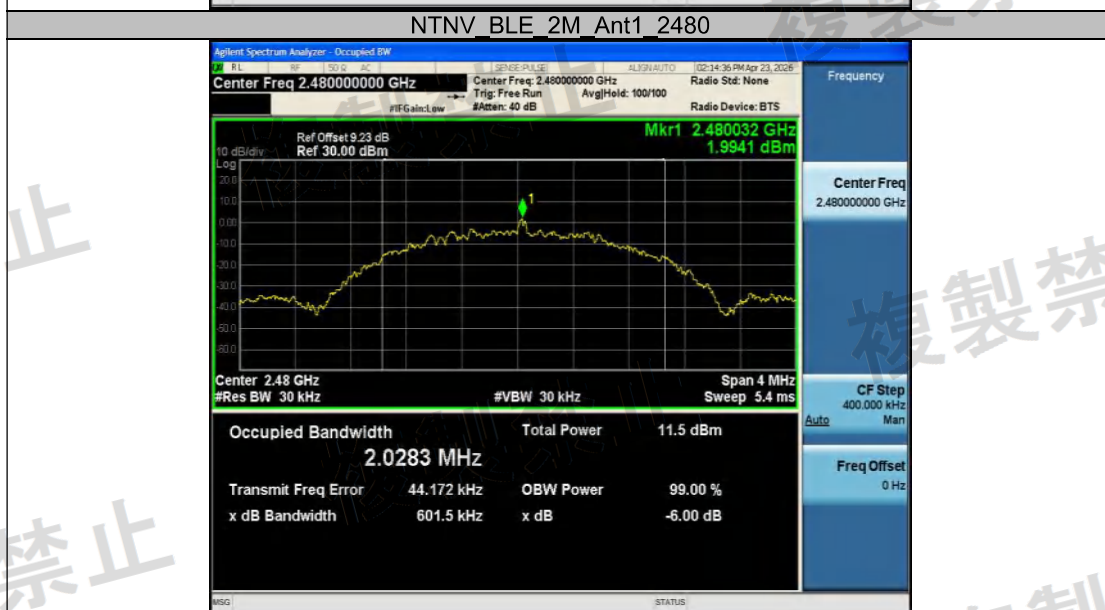
<https://www.sztz-testing.com>

E-mail: sztz@sztz-testing.com

Tel: +86-755-3209 2199









NTLV_BLE_1M_Ant1_2440



NTLV_BLE_1M_Ant1_2480



NTLV_BLE_2M_Ant1_2402





NTLV_BLE_2M_Ant1_2440



NTLV_BLE_2M_Ant1_2480



NTHV_BLE_1M_Ant1_2402





NTHV_BLE_1M_Ant1_2440

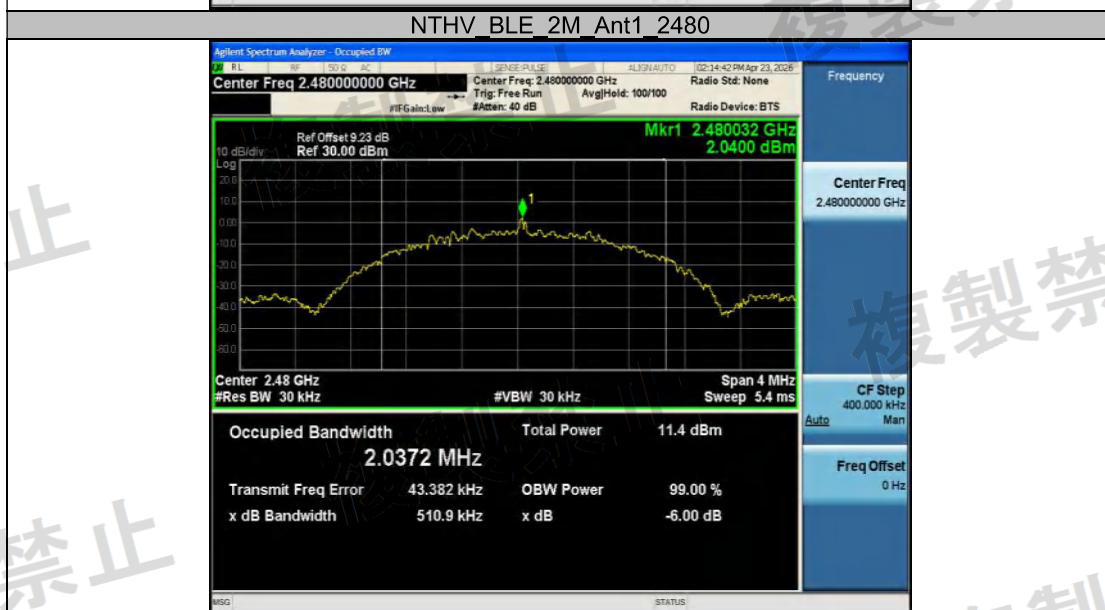


NTHV_BLE_1M_Ant1_2480



NTHV_BLE_2M_Ant1_2402

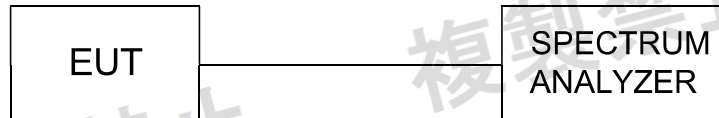






4.5. Spurious emission intensity

TEST CONFIGURATION



TEST PROCEDURE

The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram as TEST CONFIGURATION shows.

EUT Condition: modulation

Spectrum Condition:

Frequency: 30MHz-13GHz

RBW: 1MHz (30MHz-1GHz), 1MHz(1GHz-13GHz)

VBW: 1MHz (30MHz-1GHz), 1MHz(1GHz-13GHz)

Sweep time:Auto

Dectector mode: Positive peak

Indication mode: max hold

LIMIT

Permissible mean power of spurious emission of each frequency supplied to a feeder, that is, mean power of spurious emission in the 1 MHz bandwidth at frequency f other than frequency band used shall be as follows:

- a. $2,387 \text{ MHz} \leq f \leq 2,400 \text{ MHz}$ and $2,483.5 \text{ MHz} < f \leq 2,496.5 \text{ MHz}$ 25 $\mu\text{W/MHz}$ (-16dBm/MHz) or less
b. $2,387 \text{ MHz} > f$ and $2,496.5 \text{ MHz} < f$ 2.5 $\mu\text{W/MHz}$ (-26dBm/MHz) or less

TEST RESULTS

Test Condition	Test Mode	Antenna	Freq (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [$\mu\text{W/MHz}$]	Limit [$\mu\text{W/MHz}$]	Verdict
NTNV	BLE_1 M	Ant1	2402	30~2387	2272.39	-48.24	≤ -26	0.01500	≤ 2.5	PASS
				2387~2400	2400.00	-35.85	≤ -16	0.26002	≤ 25	PASS
				2483.5~2496.5	2489.42	-40.01	≤ -16	0.09977	≤ 25	PASS
				2496.5~13000	4804.76	-37.00	≤ -26	0.19953	≤ 2.5	PASS
			2440	30~2387	1886.14	-47.53	≤ -26	0.01766	≤ 2.5	PASS
				2387~2400	2398.86	-40.33	≤ -16	0.09268	≤ 25	PASS
				2483.5~2496.5	2487.64	-39.78	≤ -16	0.10520	≤ 25	PASS
				2496.5~13000	4880.91	-36.27	≤ -26	0.23605	≤ 2.5	PASS
			2480	30~2387	1960.97	-48.86	≤ -26	0.01300	≤ 2.5	PASS
				2387~2400	2395.03	-39.81	≤ -16	0.10447	≤ 25	PASS
				2483.5~2496.5	2484.92	-40.07	≤ -16	0.09840	≤ 25	PASS
				2496.5~13000	4961.27	-36.63	≤ -26	0.21727	≤ 2.5	PASS
	BLE_2 M	Ant1	2402	30~2387	2074.11	-47.61	≤ -26	0.01734	≤ 2.5	PASS





				2387~2400	2400.00	-19.22	≤-16	11.967 41	≤25	PASS
				2483.5~2496 .5	2484.96	-39.60	≤-16	0.1096 5	≤25	PASS
				2496.5~1300 0	4804.23	-34.63	≤-26	0.3443 5	≤2.5	PASS
			2440	30~2387	2008.41	-48.03	≤-26	0.0157 4	≤2.5	PASS
				2387~2400	2394.32	-40.04	≤-16	0.0990 8	≤25	PASS
				2483.5~2496 .5	2492.51	-40.27	≤-16	0.0939 7	≤25	PASS
				2496.5~1300 0	4879.86	-33.62	≤-26	0.4345 1	≤2.5	PASS
			2480	30~2387	1984.25	-48.33	≤-26	0.0146 9	≤2.5	PASS
				2387~2400	2398.42	-40.76	≤-16	0.0839 5	≤25	PASS
				2483.5~2496 .5	2485.82	-36.10	≤-16	0.2454 7	≤25	PASS
				2496.5~1300 0	4961.79	-34.44	≤-26	0.3597 5	≤2.5	PASS
NTLV	BLE_1 M	Ant1	2402	30~2387	1960.09	-48.46	≤-26	0.0142 6	≤2.5	PASS
				2387~2400	2399.99	-36.14	≤-16	0.2432 2	≤25	PASS
				2483.5~2496 .5	2495.29	-40.04	≤-16	0.0990 8	≤25	PASS
				2496.5~1300 0	4804.76	-36.90	≤-26	0.2041 7	≤2.5	PASS
			2440	30~2387	1948.30	-47.62	≤-26	0.0173 0	≤2.5	PASS
				2387~2400	2390.52	-40.48	≤-16	0.0895 4	≤25	PASS
				2483.5~2496 .5	2491.77	-39.98	≤-16	0.1004 6	≤25	PASS
				2496.5~1300 0	4880.39	-36.03	≤-26	0.2494 6	≤2.5	PASS
			2480	30~2387	1951.54	-48.17	≤-26	0.0152 4	≤2.5	PASS
				2387~2400	2396.15	-40.06	≤-16	0.0986 3	≤25	PASS
				2483.5~2496 .5	2483.74	-39.55	≤-16	0.1109 2	≤25	PASS
				2496.5~1300 0	4961.27	-36.84	≤-26	0.2070 1	≤2.5	PASS
	BLE_2 M	Ant1	2402	30~2387	1859.33	-48.71	≤-26	0.0134 6	≤2.5	PASS
				2387~2400	2400.00	-20.08	≤-16	9.8174 8	≤25	PASS
				2483.5~2496 .5	2488.02	-39.79	≤-16	0.1049 5	≤25	PASS
				2496.5~1300 0	4803.71	-34.01	≤-26	0.3971 9	≤2.5	PASS
			2440	30~2387	1906.47	-48.56	≤-26	0.0139 3	≤2.5	PASS
				2387~2400	2397.21	-40.11	≤-16	0.0975 0	≤25	PASS
				2483.5~2496 .5	2484.64	-40.72	≤-16	0.0847 2	≤25	PASS
				2496.5~1300 0	4881.44	-33.68	≤-26	0.4285 5	≤2.5	PASS
			2480	30~2387	1984.54	-47.70	≤-26	0.0169 8	≤2.5	PASS
				2387~2400	2398.68	-39.84	≤-16	0.1037 5	≤25	PASS





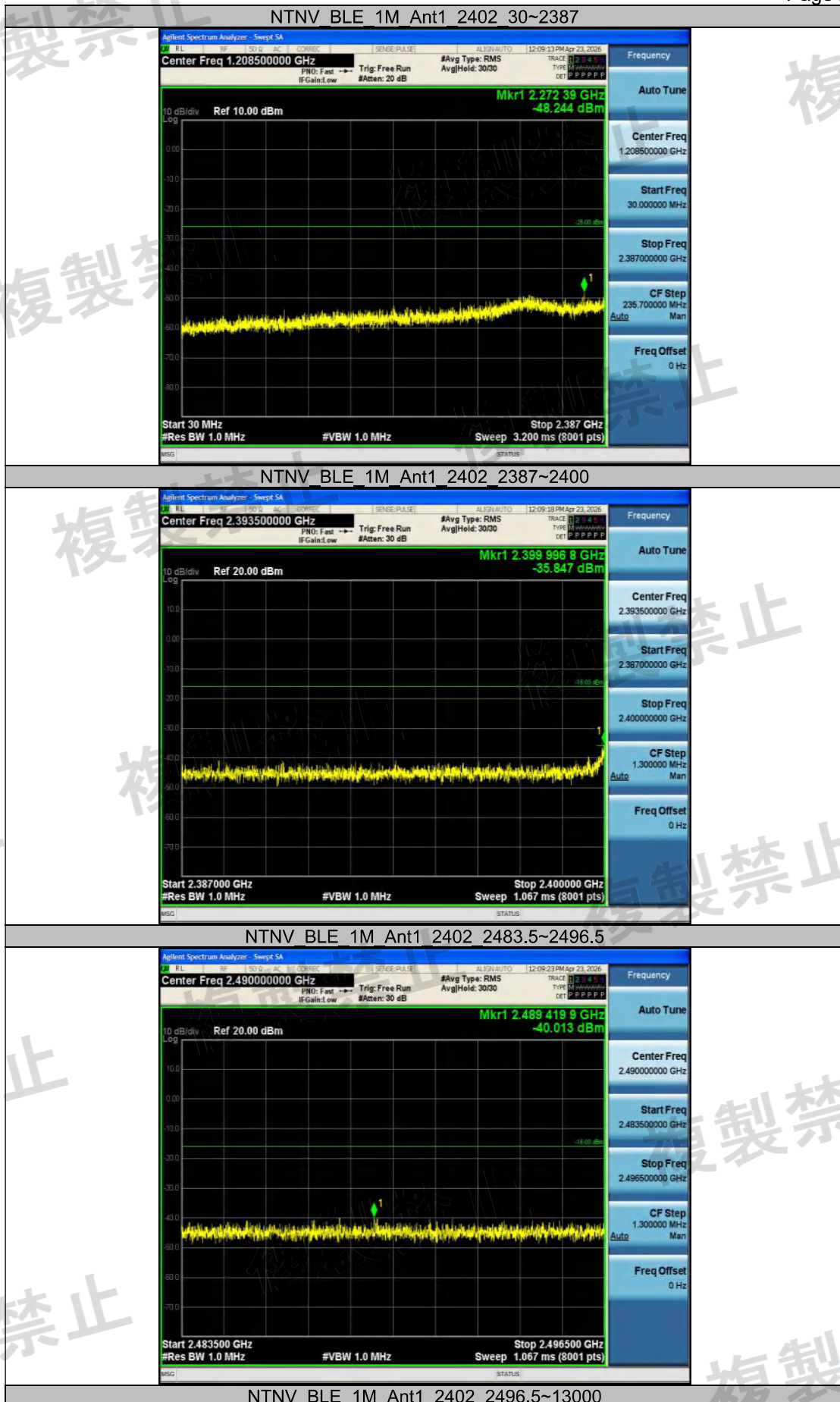
NTHV	BLE_1 M	Ant1	2402	2483.5~2496 .5	2485.96	-35.18	≤-16	0.3033 9	≤25	PASS
				2496.5~1300 0	4961.79	-34.42	≤-26	0.3614 1	≤2.5	PASS
				30~2387	1900.28	-48.27	≤-26	0.0148 9	≤2.5	PASS
				2387~2400	2400.00	-36.41	≤-16	0.2285 6	≤25	PASS
			2440	2483.5~2496 .5	2486.30	-39.54	≤-16	0.1111 7	≤25	PASS
				2496.5~1300 0	4804.23	-36.83	≤-26	0.2074 9	≤2.5	PASS
				30~2387	1881.13	-48.24	≤-26	0.0150 0	≤2.5	PASS
				2387~2400	2399.16	-40.00	≤-16	0.1000 0	≤25	PASS
	BLE_2 M	Ant1	2480	2483.5~2496 .5	2491.00	-40.44	≤-16	0.0903 6	≤25	PASS
				2496.5~1300 0	4880.39	-36.29	≤-26	0.2349 6	≤2.5	PASS
				30~2387	1923.85	-48.41	≤-26	0.0144 2	≤2.5	PASS
				2387~2400	2397.52	-40.10	≤-16	0.0977 2	≤25	PASS
			2402	2483.5~2496 .5	2494.31	-39.92	≤-16	0.1018 6	≤25	PASS
				2496.5~1300 0	4960.74	-36.21	≤-26	0.2393 3	≤2.5	PASS
				30~2387	1922.08	-48.54	≤-26	0.0140 0	≤2.5	PASS
				2387~2400	2399.99	-19.90	≤-16	10.232 93	≤25	PASS
			2440	2483.5~2496 .5	2493.37	-40.20	≤-16	0.0955 0	≤25	PASS
				2496.5~1300 0	4803.71	-34.12	≤-26	0.3872 6	≤2.5	PASS
				30~2387	2382.29	-48.32	≤-26	0.0147 2	≤2.5	PASS
				2387~2400	2390.74	-40.92	≤-16	0.0809 1	≤25	PASS
			2480	2483.5~2496 .5	2493.57	-40.38	≤-16	0.0916 2	≤25	PASS
				2496.5~1300 0	4881.44	-33.40	≤-26	0.4570 9	≤2.5	PASS
				30~2387	1920.31	-47.82	≤-26	0.0165 2	≤2.5	PASS
				2387~2400	2395.52	-40.24	≤-16	0.0946 2	≤25	PASS
			2402	2483.5~2496 .5	2483.87	-38.47	≤-16	0.1422 3	≤25	PASS
				2496.5~1300 0	4961.79	-34.29	≤-26	0.3723 9	≤2.5	PASS

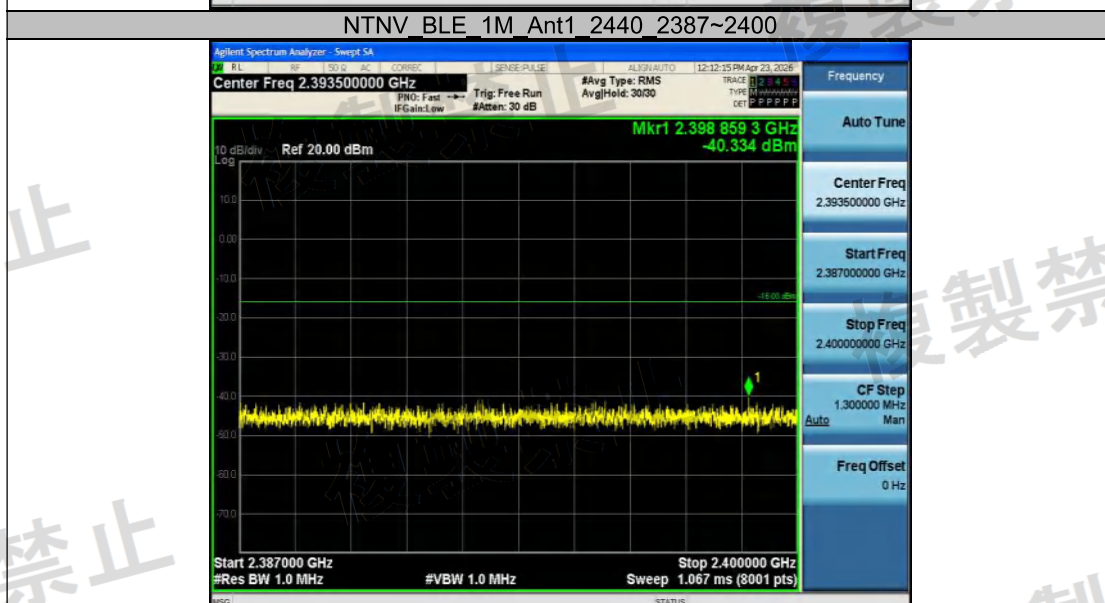
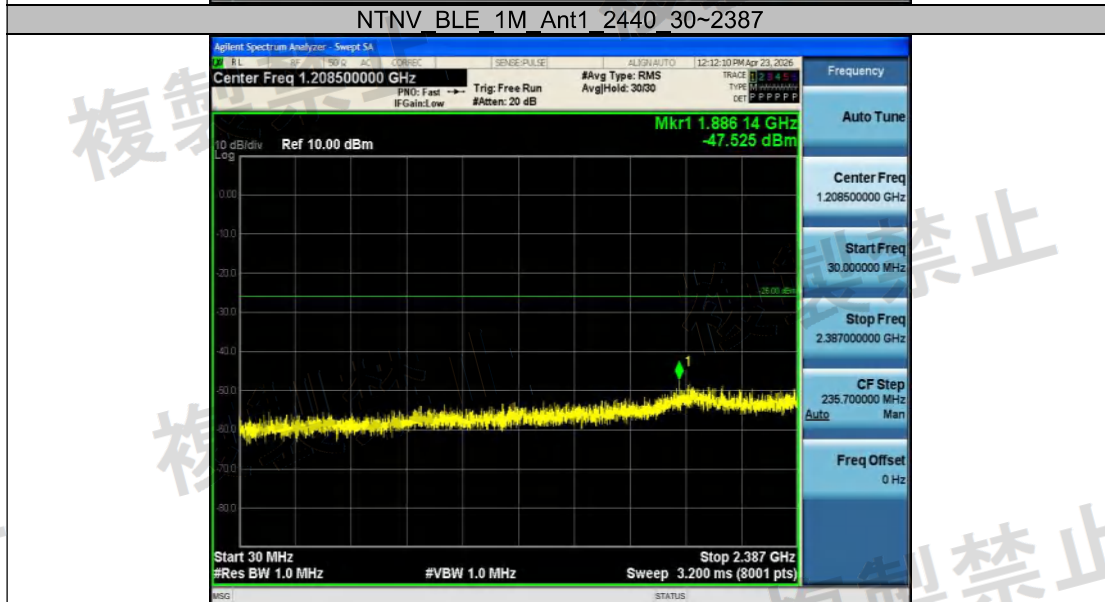
Note: 1. The product was tested at 25 °C and 55% humidity condition;

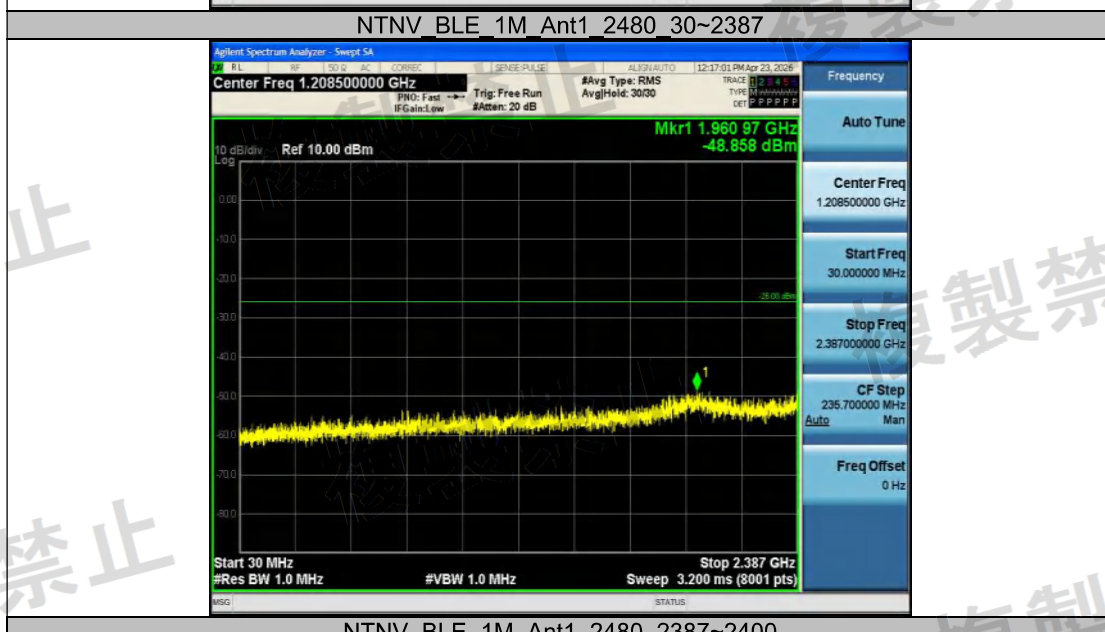
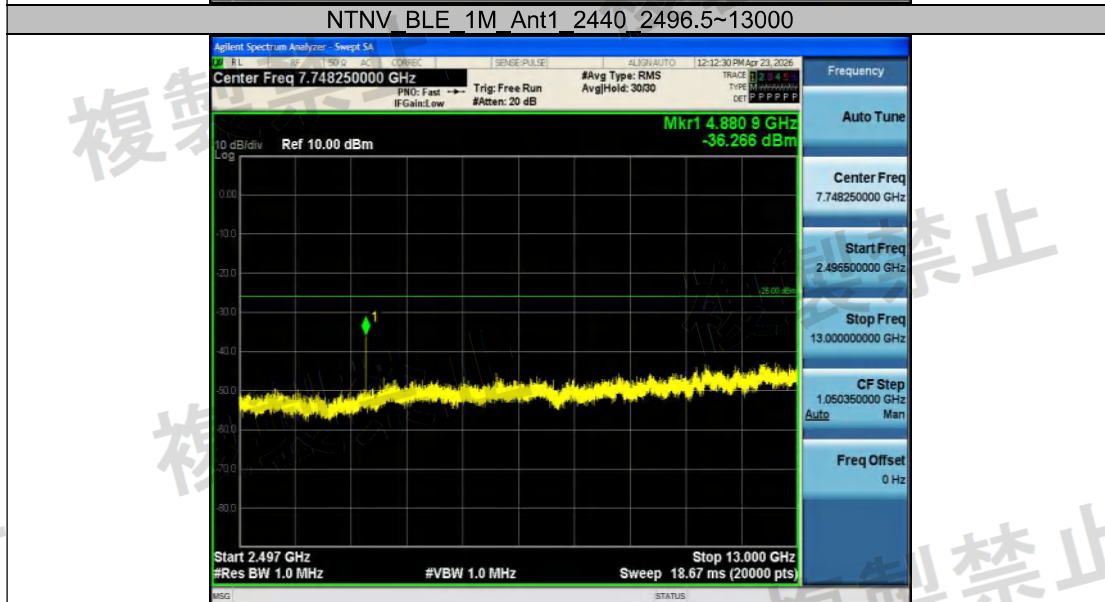
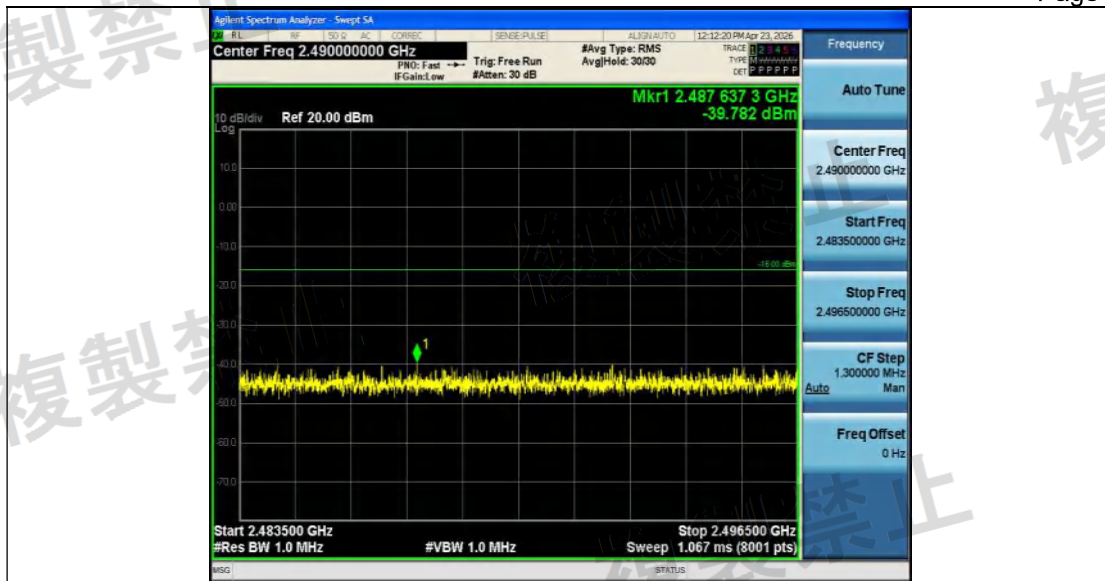
2. All condition has been tested, list the worst case in this item

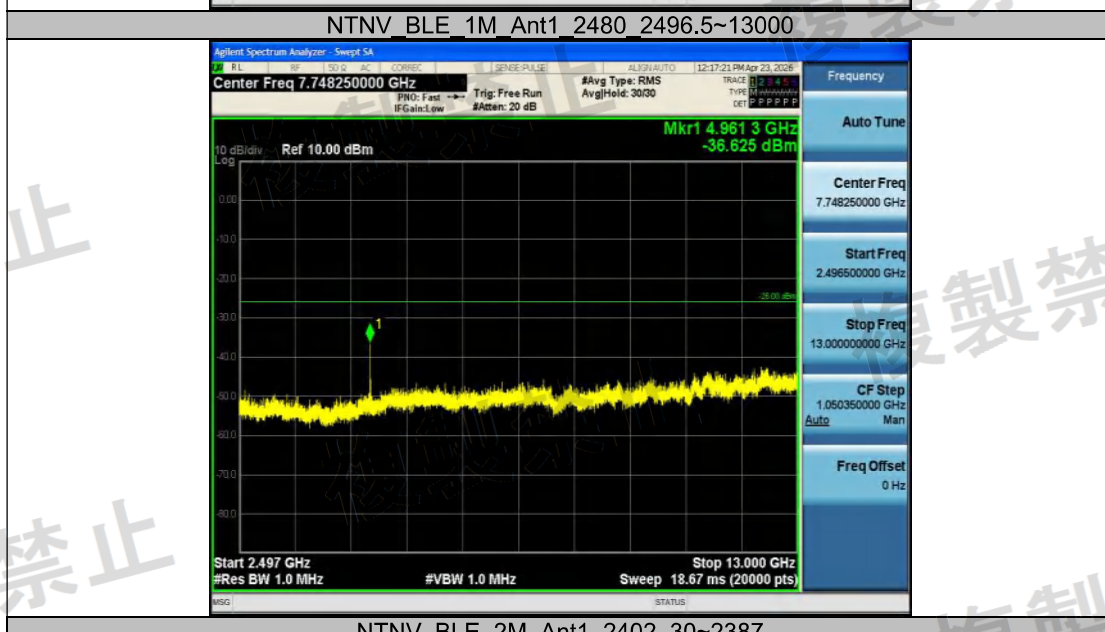
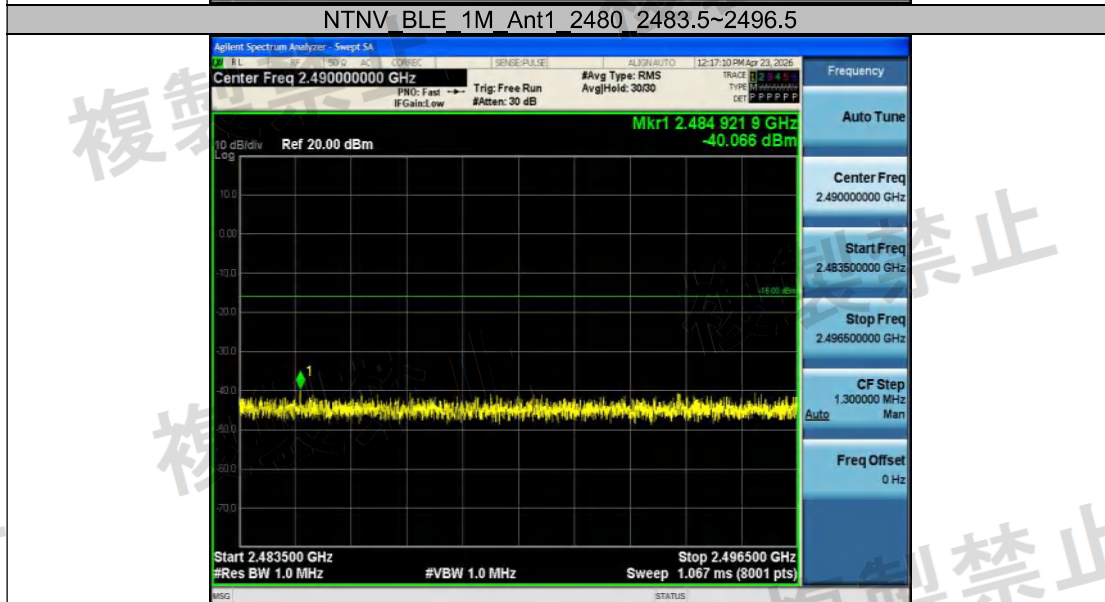
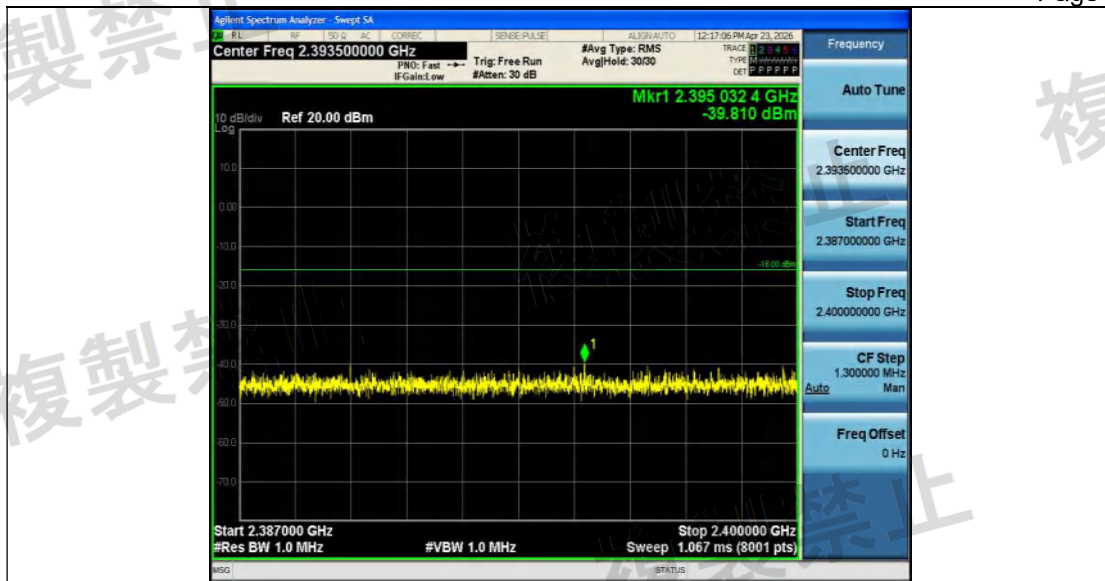
3. SA set to from 2.4965GHz to 13GHz, plot shows from 2.497GHz to 13GHz as of SA's default format

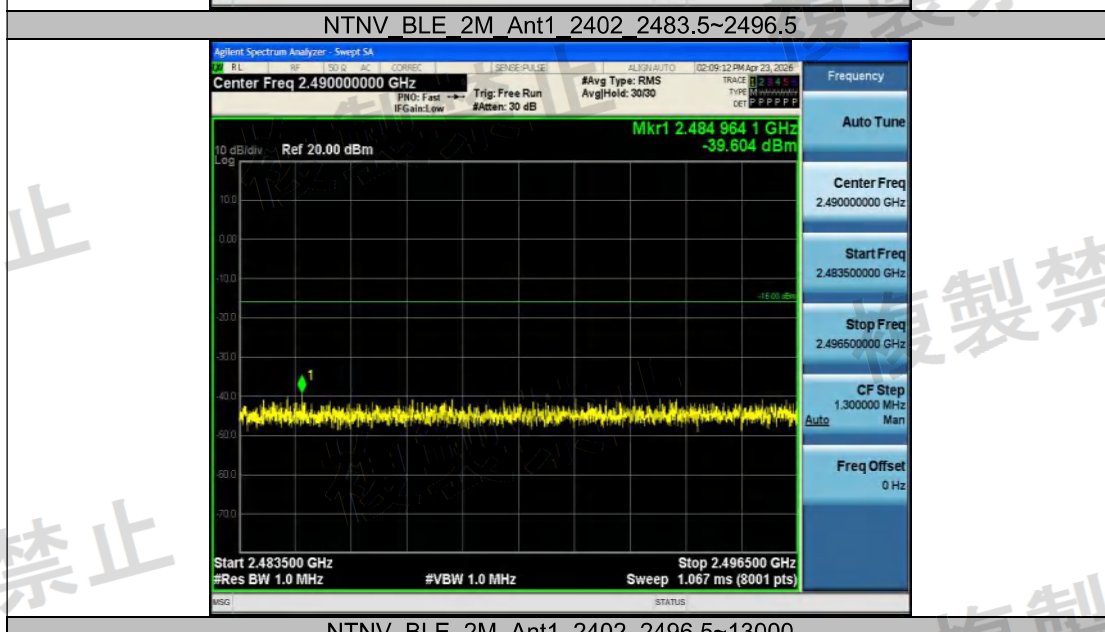
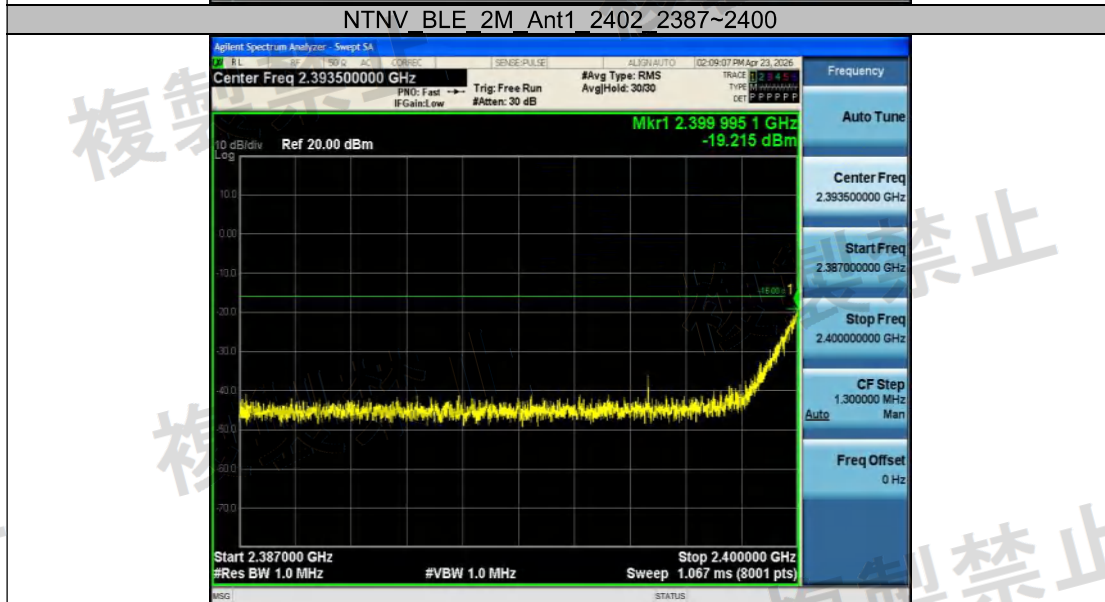


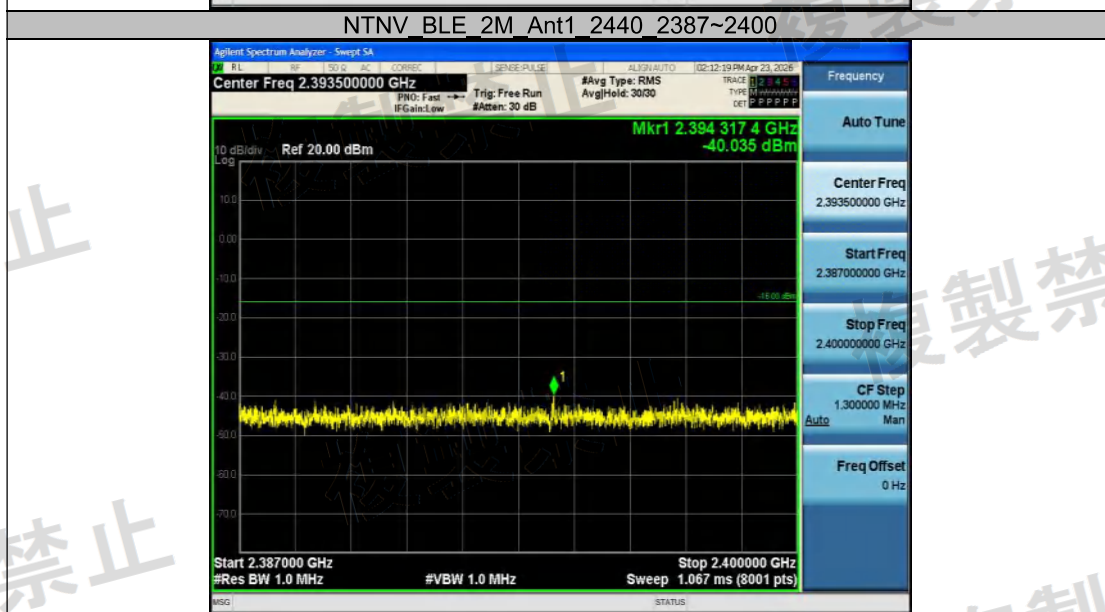
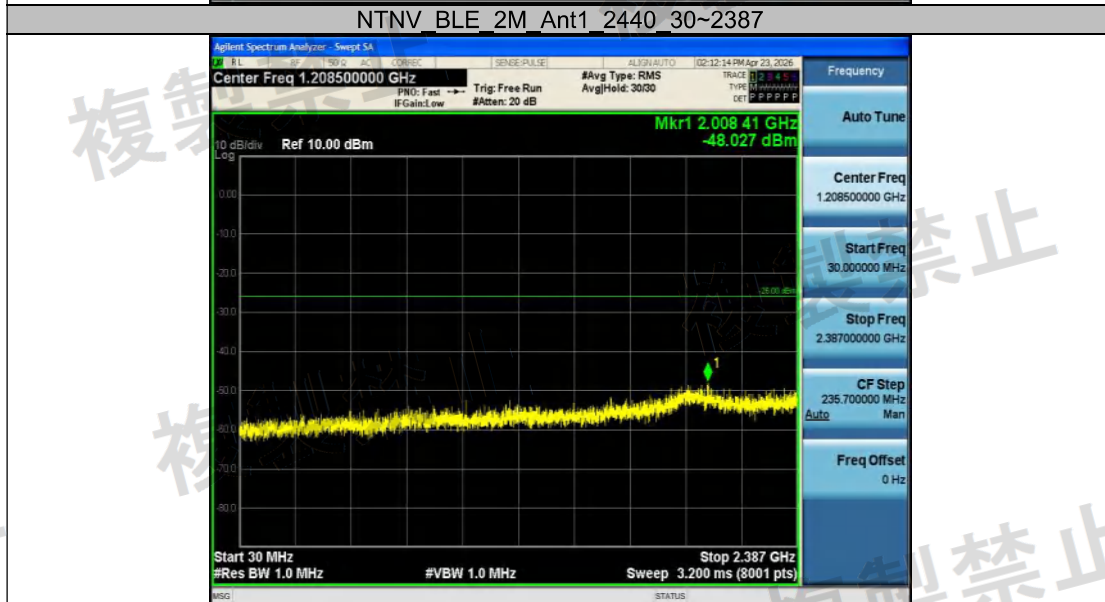


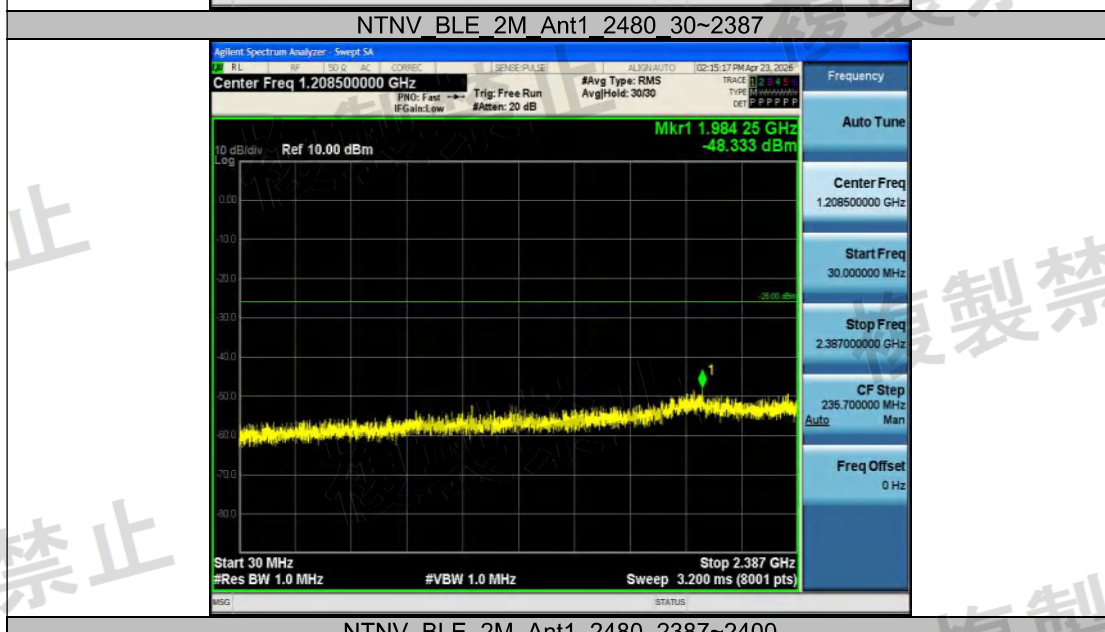
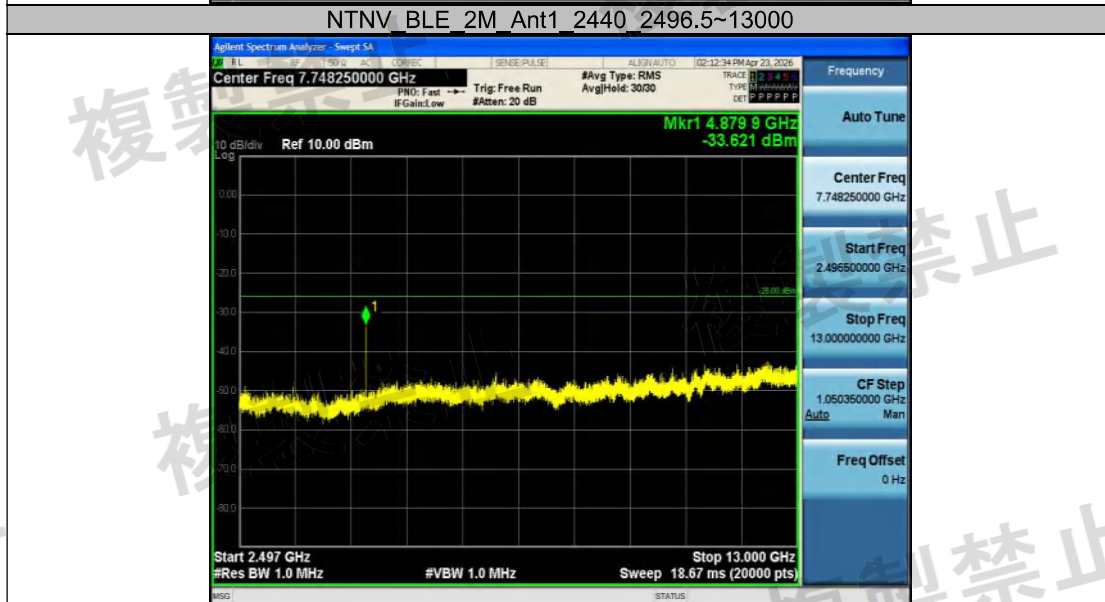
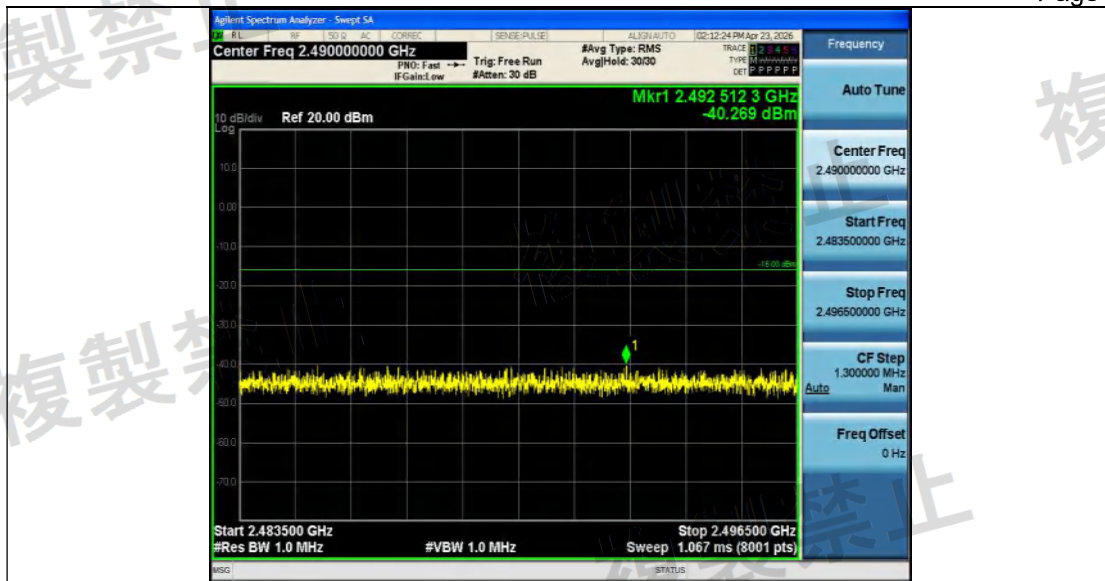


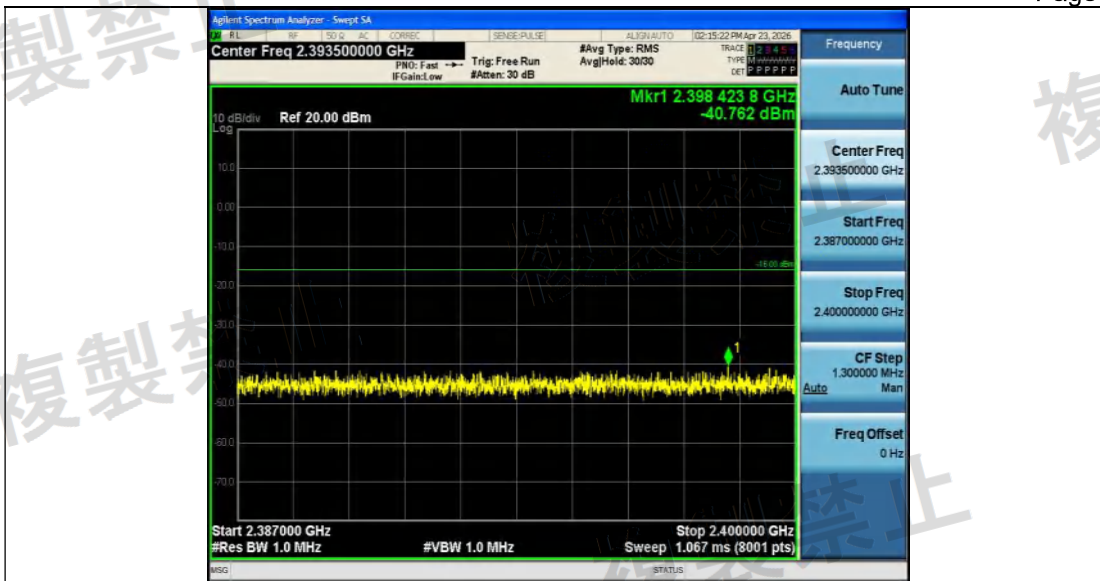




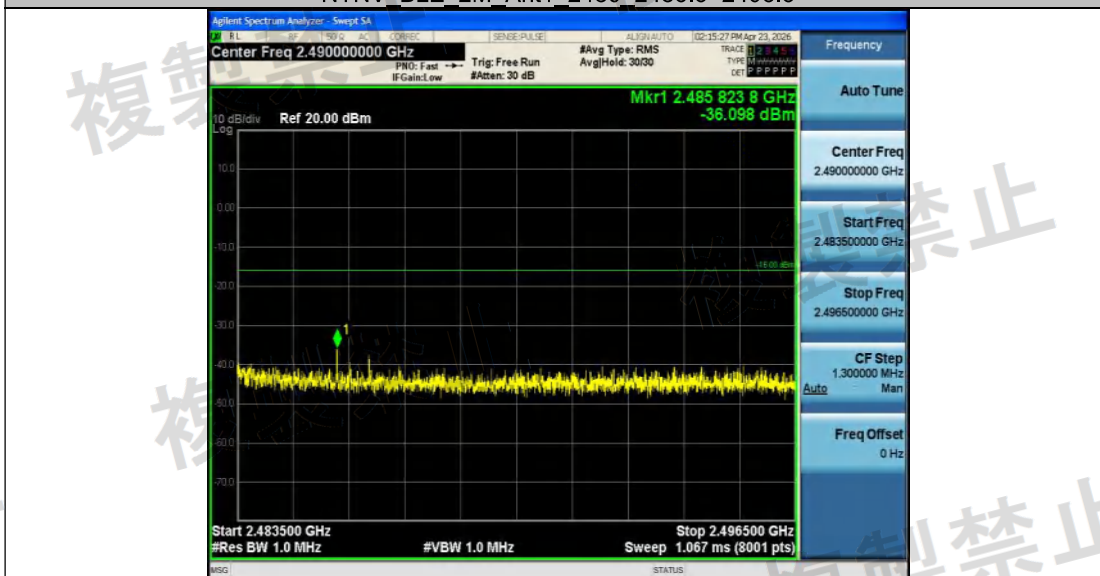




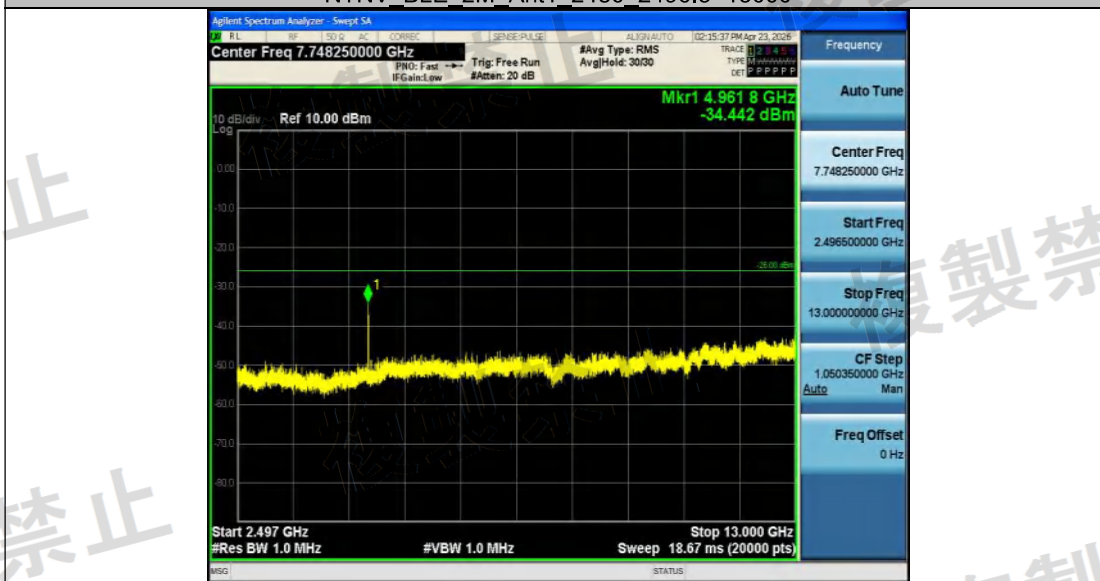




NTNV BLE 2M Ant1_2480_2483.5~2496.5



NTNV BLE 2M Ant1_2480_2496.5~13000



N TLV BLE 1M Ant1_2402_30~2387



