

TEST REPORT

Product Name: Video Conferencing Endpoint

Trade Mark: Yealink

Model No.: MeetingBar A25

Add. Model No.: N/A

Report Number: 25092220057RFC-2

Specified Categories: Item 19 of Article 2 Paragraph 1

Standard: MIC Notification No. 88 Appendix No.43

Test Result: PASS

Date of Issue: October 27, 2025

Prepared for:

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

Prepared by:

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UTTR-RF-STDT66-V1.1

Version

Version No.	Date	Description
V1.0	October 27, 2025	Original

CONTENTS

1. GENERAL INFORMATION	5
1.1 CLIENT INFORMATION	5
1.2 EUT INFORMATION	5
1.2.1 GENERAL DESCRIPTION OF EUT	5
1.2.2 DESCRIPTION OF ACCESSORIES	6
1.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD	7
1.4 OTHER INFORMATION	7
1.5 GENERAL DESCRIPTION OF APPLIED STANDARDS	7
1.6 DESCRIPTION OF SUPPORT UNITS	8
1.7 TEST LOCATION	8
1.8 TEST FACILITY	8
1.9 DEVIATION FROM STANDARDS	8
1.10 ABNORMALITIES FROM STANDARD CONDITIONS	8
1.11 OTHER INFORMATION REQUESTED BY THE CUSTOMER	9
1.12 MEASUREMENT UNCERTAINTY	9
2. TEST SUMMARY	10
3. EQUIPMENT LIST	11
4. TEST CONFIGURATION	12
4.1 ENVIRONMENTAL CONDITIONS FOR TESTING	12
4.1.1 NORMAL OR EXTREME TEST CONDITIONS	12
4.1.2 RECORD OF NORMAL ENVIRONMENT AND TEST SAMPLE	12
4.2 TEST CHANNELS	12
4.3 EUT TEST STATUS	12
4.4 TEST SETUP	13
5. RADIO TECHNICAL REQUIREMENTS SPECIFICATION	14
5.1 REFERENCE DOCUMENTS FOR TESTING	14
5.2 ANTENNA REQUIREMENT	14
5.3 FREQUENCY TOLERANCE	15
5.3.1 LIMIT	15
5.3.2 TEST SETUP	15
5.3.3 INSTRUMENTS USED	15
5.3.4 TEST PROCEDURES	15
5.3.5 TEST RESULT	15
5.4 OCCUPIED BANDWIDTH (99% BW)	17
5.4.1 LIMIT	17
5.4.2 TEST SETUP	17
5.4.3 INSTRUMENTS USED	17
5.4.4 TEST PROCEDURES	17
5.4.5 TEST RESULT	17
5.5 SPURIOUS EMISSIONS	20
5.5.1 LIMIT	20
5.5.2 TEST SETUP	20
5.5.3 INSTRUMENTS USED	20
5.5.4 TEST PROCEDURES	20
5.5.5 TEST RESULT	21
5.6 ANTENNA POWER	29
5.6.1 LIMIT	29
5.6.2 TEST SETUP	29
5.6.3 INSTRUMENTS USED	29
5.6.4 TEST PROCEDURES	29
5.6.5 TEST RESULT	30
5.7 SPURIOUS EMISSIONS OF RECEIVER	31
5.7.1 LIMIT	31

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UTTR-RF-STDT66-V1.1

5.7.2	TEST SETUP	31
5.7.3	INSTRUMENTS USED	31
5.7.4	TEST PROCEDURES	31
5.7.5	TEST RESULT	32
5.8	CARRIER SENSE CAPABILITY	35
5.8.1	LIMIT	35
5.8.2	TEST SETUP	35
5.8.3	INSTRUMENTS USED	35
5.8.4	TEST PROCEDURES	35
5.8.5	RESULT	35
5.9	INTERFERENCE PREVENTION FUNCTION.....	36
5.9.1	LIMIT	36
5.9.2	TEST SETUP	36
5.9.3	TEST PROCEDURES	36
5.9.4	TEST RESULT	36
5.10	CONSTRUCTION PROTECTION.....	37
5.10.1	LIMIT	37
5.10.2	CONFIRMATION METHOD	37
5.10.3	THE PHOTOS OF CONSTRUCTION PROTECTION	37
APPENDIX 1 PHOTOGRAPHS OF TEST SETUP		38
APPENDIX 2 PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS.....		38

1. GENERAL INFORMATION

1.1 CLIENT INFORMATION

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

1.2 EUT INFORMATION

1.2.1 General Description of EUT

Product Name:	Video Conferencing Endpoint		
Model No.:	MeetingBar A25		
Add. Model No.:	N/A		
Trade Mark:	Yealink		
DUT Stage:	Identical Prototype		
EUT Supports Function: (Provided by the customer)	2.4 GHz ISM Band:	IEEE 802.11b/g/n/ax	
		Bluetooth (Only LE)	
	5 GHz U-NII Bands:	5 150 MHz to 5 250 MHz	IEEE 802.11a/n/ac/ax
		5 250 MHz to 5 350 MHz	IEEE 802.11a/n/ac/ax
		5 470 MHz to 5 730 MHz	IEEE 802.11a/n/ac/ax
Software Version:	346.320.0.15 (Provided by the customer)		
Hardware Version:	A25MV (Provided by the customer)		
Sample Received Date:	September 25, 2025		
Sample Tested Date:	October 9, 2025 to October 23, 2025		
Remark: The above EUT's information was provided by customer. Please refer to the specifications or user's manual for more detailed description.			

1.2.2 Description of Accessories

Adapter	
Model No.:	YLPS480700C
Input:	100-240V~50/60Hz 1.0A
Output:	48V $\equiv$ 0.7A

HDMI Cable	
Description:	HDMI 2.0 Cable
Connector:	HDMI-A
Cable Type:	Shielded without ferrite
Length:	1.8 Meter

Ethernet Cable	
Description:	Ethernet Cable
Connector:	RJ45 to RJ45
Cable Type:	Unshielded without ferrite
Length:	3 Meter

USB Cable	
Description:	USB 3.0 Type A to C Cable
Connector:	USB Type A to USB Type C
Cable Type:	Shielded without ferrite
Length:	3 Meter

Others	
Mounting Bracket, Cable Cover,	

1.3 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

Frequency Band:	2400 MHz to 2483.5 MHz
Frequency Range:	2402 MHz to 2480 MHz
Radio Technique:	Bluetooth LE
Modulation Technique:	DTS
Type of Modulation:	GFSK
Number of Channels:	40 (Please see NOTE 1)
Channel Separation:	2 MHz
RF Output Power:	Please see NOTE 2
Antenna Type: (Provided by the customer)	PIFA Antenna
Antenna Gain: (Provided by the customer)	1.72 dBi
Test Voltage:	Please see NOTE 3

NOTE:

1. Operation frequency each of channel

Operation Frequency Each of Channel	
$f = 2402 + 2k \text{ MHz}, k = 0, \dots, 39$	
Note:	
f	is the operating frequency (MHz);
k	is the operating channel.

2. The RF output power as below table:

	Rated output power (mW)	Conducted RF output power (mW)	Radiated RF output power (mW)
Normal mode			
LE	1.25	1.2474	1.8535

3. Test voltage as below table:

Normal Voltage	48 V
The power supply part of the EUT has a voltage stabilizing circuit. All test cases were done under the normal supply voltage.	

1.4 OTHER INFORMATION

None.

1.5 GENERAL DESCRIPTION OF APPLIED STANDARDS

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

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

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

1.6 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested with associated equipment below.

1) Support Equipment

Description	Manufacturer	Model No.	Serial Number	Supplied by
Laptop	DELL	Inspiron 5409	9BN63 A0D	UnionTrust

2) Support Cable

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

1.7 TEST LOCATION

All tests were performed at:

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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Telephone: +86 (0) 755 2823 0888

Fax: +86 (0) 755 2823 0886

1.8 TEST FACILITY

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

CNAS-Lab Code: L9069

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

A2LA-Lab Certificate No.: 4312.01

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

ISED Wireless Device Testing Laboratories

CAB identifier: CN0032

FCC Accredited Lab.

Designation Number: CN1194

Test Firm Registration Number: 259480

1.9 DEVIATION FROM STANDARDS

None.

1.10 ABNORMALITIES FROM STANDARD CONDITIONS

None.

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1.11 OTHER INFORMATION REQUESTED BY THE CUSTOMER

None.

1.12 MEASUREMENT UNCERTAINTY

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

2. TEST SUMMARY

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

3. EQUIPMENT LIST

Used	Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
☒	EXA Spectrum Analyzer	KEYSIGHT	N9020A	MY51286807	25-Oct-2024	24-Oct-2025
☒	USB Wideband Power Sensor	KEYSIGHT	U2021XA	MY55430035	25-Oct-2024	24-Oct-2025
☒	MXG X-Series RF Vector Signal Generator	KEYSIGHT	N5182B	MY51350267	25-Oct-2024	24-Oct-2025
☐	Digital multimeter	FLUKE	15B+	30701460WS 15	29-Oct-2024	28-Oct-2025

Note 1: Calibration Method

- Calibration conducted by the National Institute of Information and Communications Technology [NICT](#) or a designated calibration agency under Article 102-18 paragraph
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the [NICT](#) or a designated calibration agency under Article 102-18 paragraph
- Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to

The all calibration corresponds to c) described above.

Note 2: Calibration information

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

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

4. TEST CONFIGURATION

4.1 ENVIRONMENTAL CONDITIONS FOR TESTING

4.1.1 Normal or Extreme Test Conditions

Environment Parameter	Selected Values During Tests		
Test Condition	Ambient		
	Temperature (°C)	Voltage (V)	Relative Humidity (%)
TN/VN	+15 to +35	48	45%-85%
Remark: 1) VN: Normal Voltage; TN: Normal Temperature;			

4.1.2 Record of Normal Environment and Test Sample

Test Item	Temp. (°C)	Relative Humidity (%)	Pressure (kPa)	Sample No.	Tested by
Frequency Tolerance	24.9	42.2	100.1	S202509256944-ZJA01/3	David Du
Occupied bandwidth & Spreading bandwidth					
Spurious emissions					
Antenna power					
Spurious emissions of receiver					

4.2 TEST CHANNELS

Type of Modulation	Tx/Rx Frequency	Test RF Channel Lists		
GFSK	2402 MHz to 2480 MHz	Lowest(L)	Middle(M)	Highest(H)
		Channel 0	Channel 19	Channel 39
		2402 MHz	2440 MHz	2480 MHz

4.3 EUT TEST STATUS

Type of Modulation	Tx/Rx Function	Description
GFSK	1Tx/1Rx	1. Keep the EUT in continuously transmitting with modulation or un-modulation test single. 2. Keep the EUT in continuously receiving.

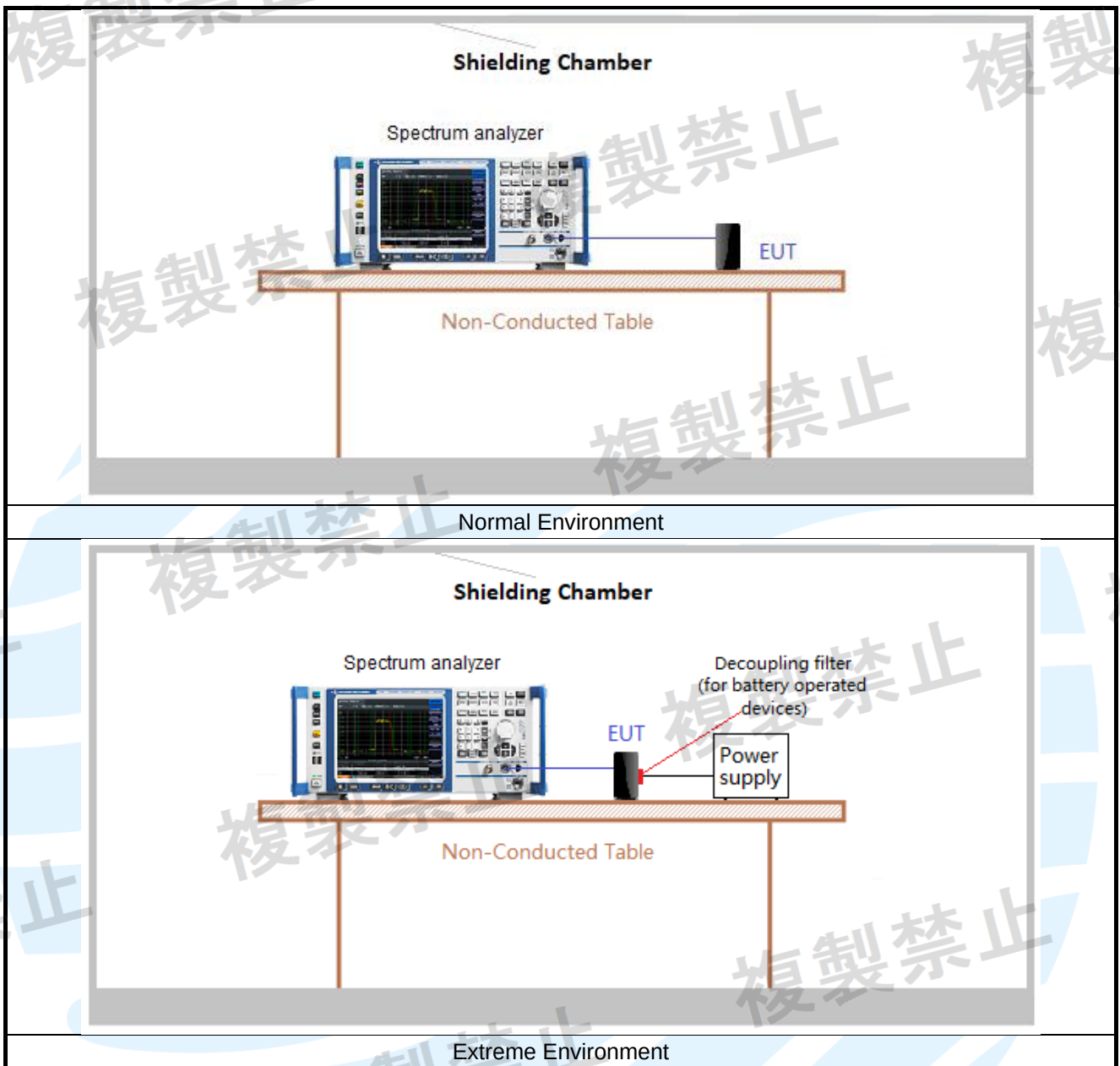
Power Setting (Provided by the customer)

Not applicable, test used software default power level.

Test Software (Provided by the customer)

AuthenticTool [2.1.23.0 Apr 11 2025]

4.4 TEST SETUP



5. RADIO TECHNICAL REQUIREMENTS SPECIFICATION

5.1 REFERENCE DOCUMENTS FOR TESTING

Item 19 of Article 2 Paragraph 1: Low power data communications system in the 2.4GHz band

ARIB STD-T66 Version 3.7: Second generation low power data communication system/ wireless LAN system

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

5.2 ANTENNA REQUIREMENT

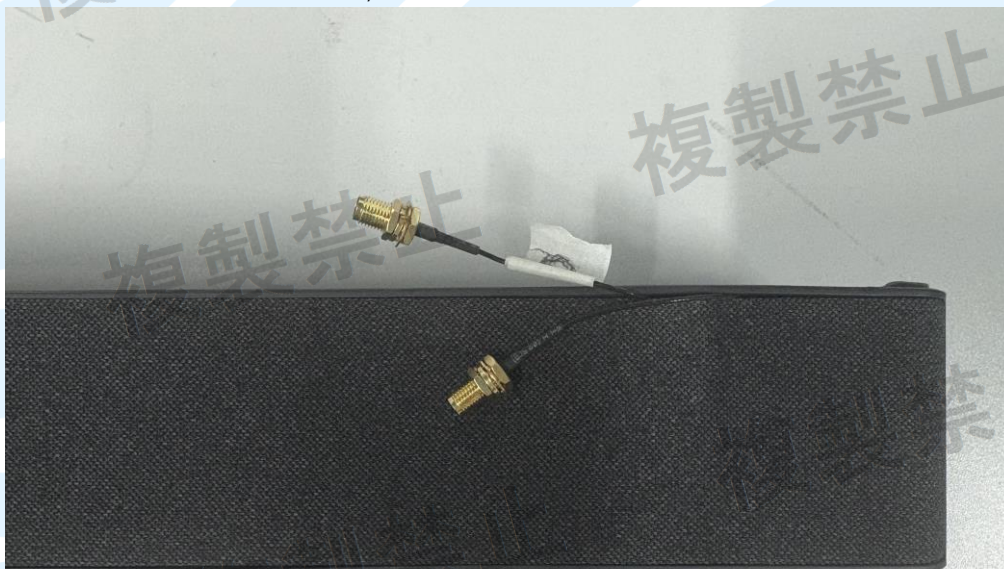
Standard Requirement

Applicable for equipment with an antenna terminal, including testing terminals) If an antenna connector is available, all relevant tests will be carried out conducted. If not, tests will be carried out in an anechoic room or with a suitable test-fixture.

EUT Antenna

The antenna is installed inside the EUT and no consideration of replacement. The best-case gain of the antenna is 1.72 dBi, for more antenna details, refer to the antenna report.

Result: An antenna connector is available, all relevant tests will be carried out conducted.



5.3 FREQUENCY TOLERANCE

5.3.1 Limit

Tolerance of frequency shall be +/- 50ppm.

5.3.2 Test Setup

Refer to section 4.4 for details.

5.3.3 Instruments Used

Refer to section 3 for details

5.3.4 Test Procedures

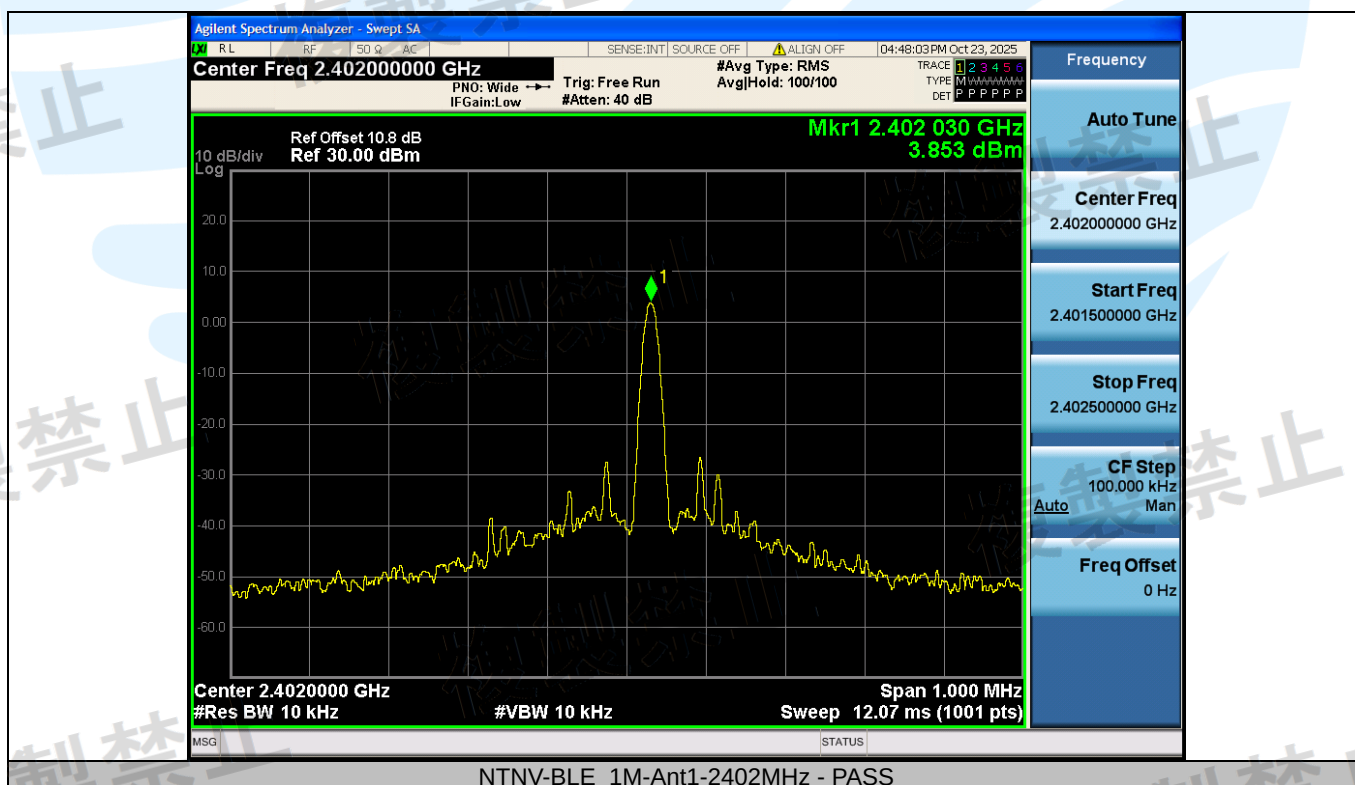
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

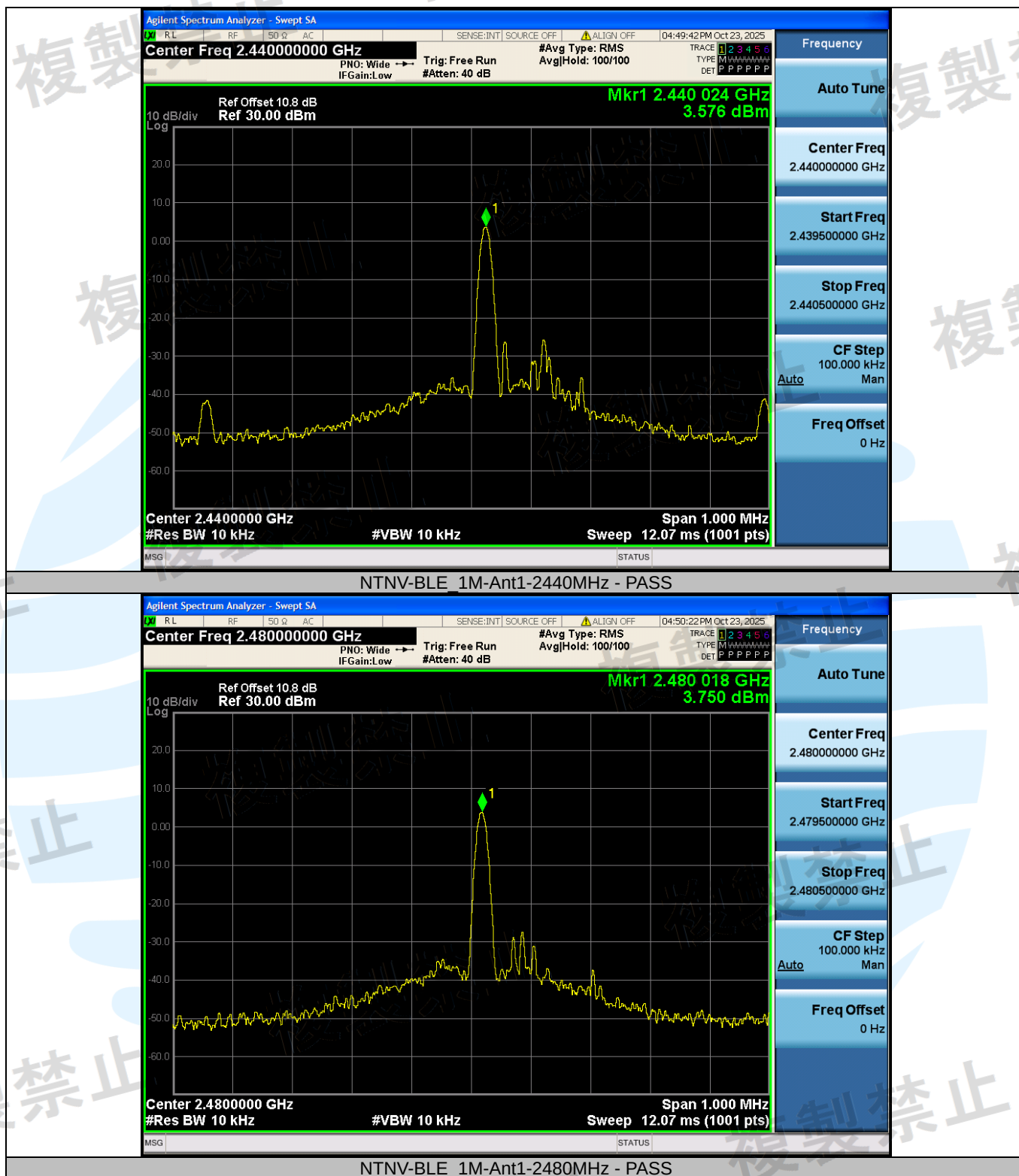
Use the following spectrum analyzer settings:

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

5.3.5 Test Result

Test Condition	Test Mode	Antenna	Freq (MHz)	Center Freq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	CW	Ant1	2402	2402.03	+12.48959	±50	PASS
NTNV	CW	Ant1	2440	2440.024	+9.83607	±50	PASS
NTNV	CW	Ant1	2480	2480.018	+7.25807	±50	PASS





5.4 OCCUPIED BANDWIDTH (99% BW)

5.4.1 Limit

Occupied bandwidth shall be less than 26MHz.

5.4.2 Test Setup

Refer to section 4.4 for details.

5.4.3 Instruments Used

Refer to section 3 for details

5.4.4 Test Procedures

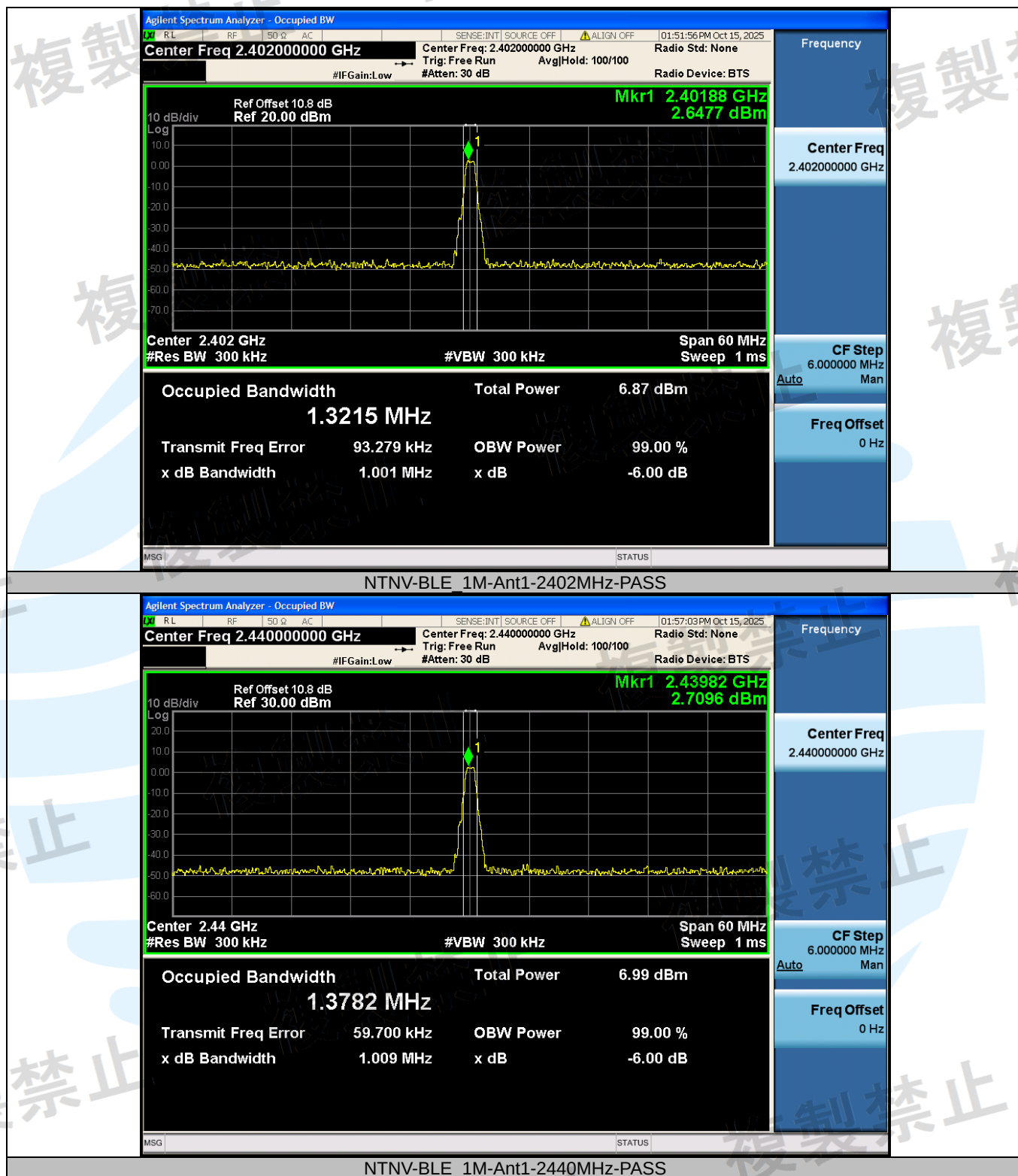
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

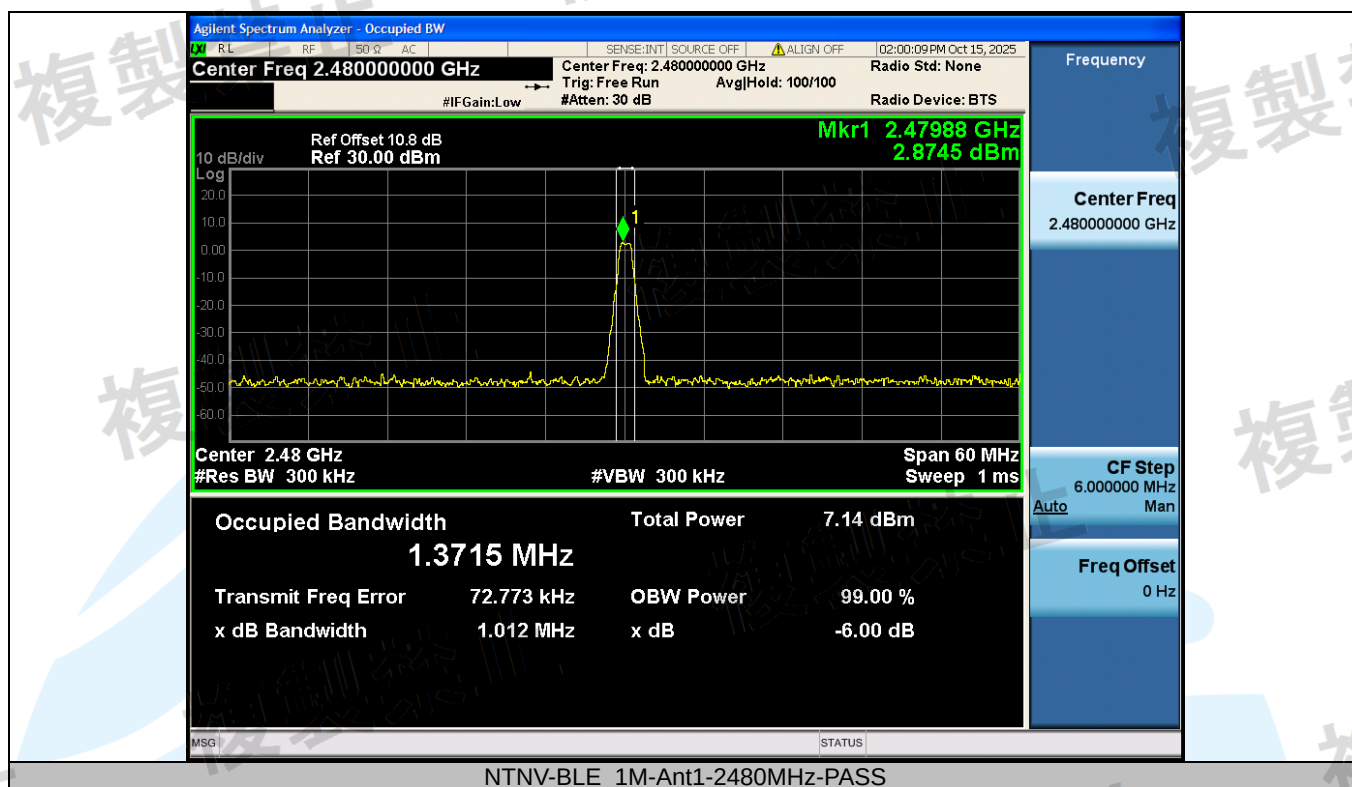
Use the following spectrum analyzer settings:

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

5.4.5 Test Result

Test Condition	Test Mode	Antenna	Freq (MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.322	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.378	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.372	≤26	PASS





5.5 SPURIOUS EMISSIONS

5.5.1 Limit

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

5.5.2 Test Setup

Refer to section 4.4 for details.

5.5.3 Instruments Used

Refer to section 3 for details

5.5.4 Test Procedures

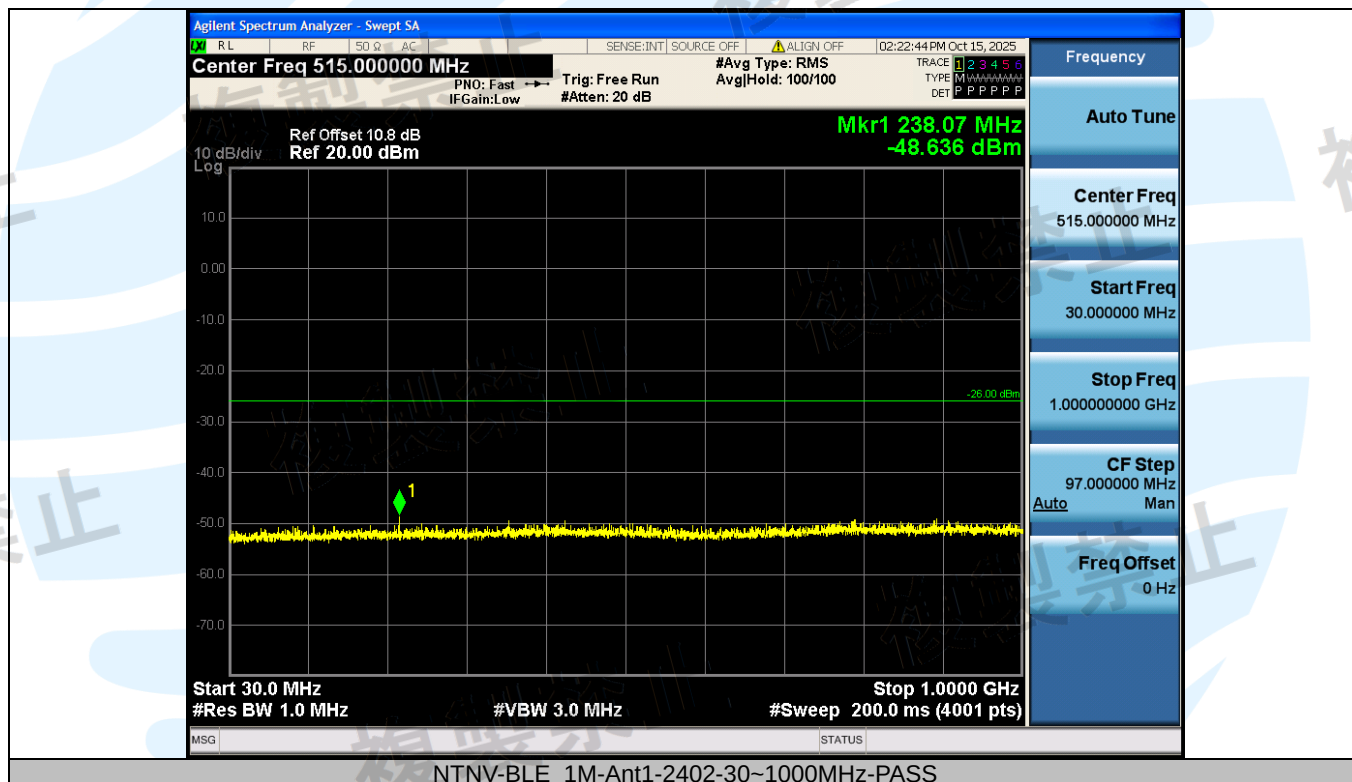
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

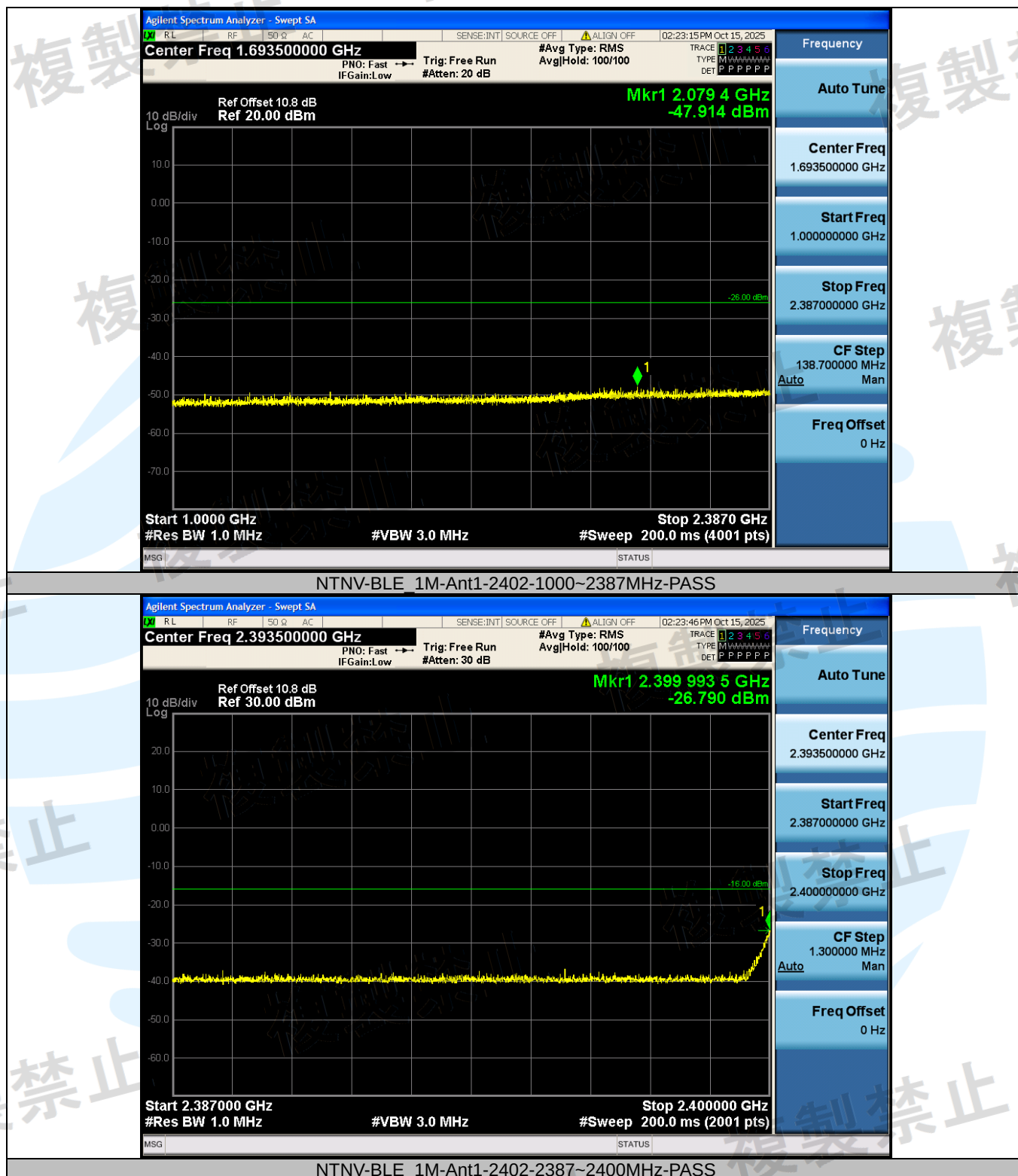
Use the following spectrum analyzer settings:

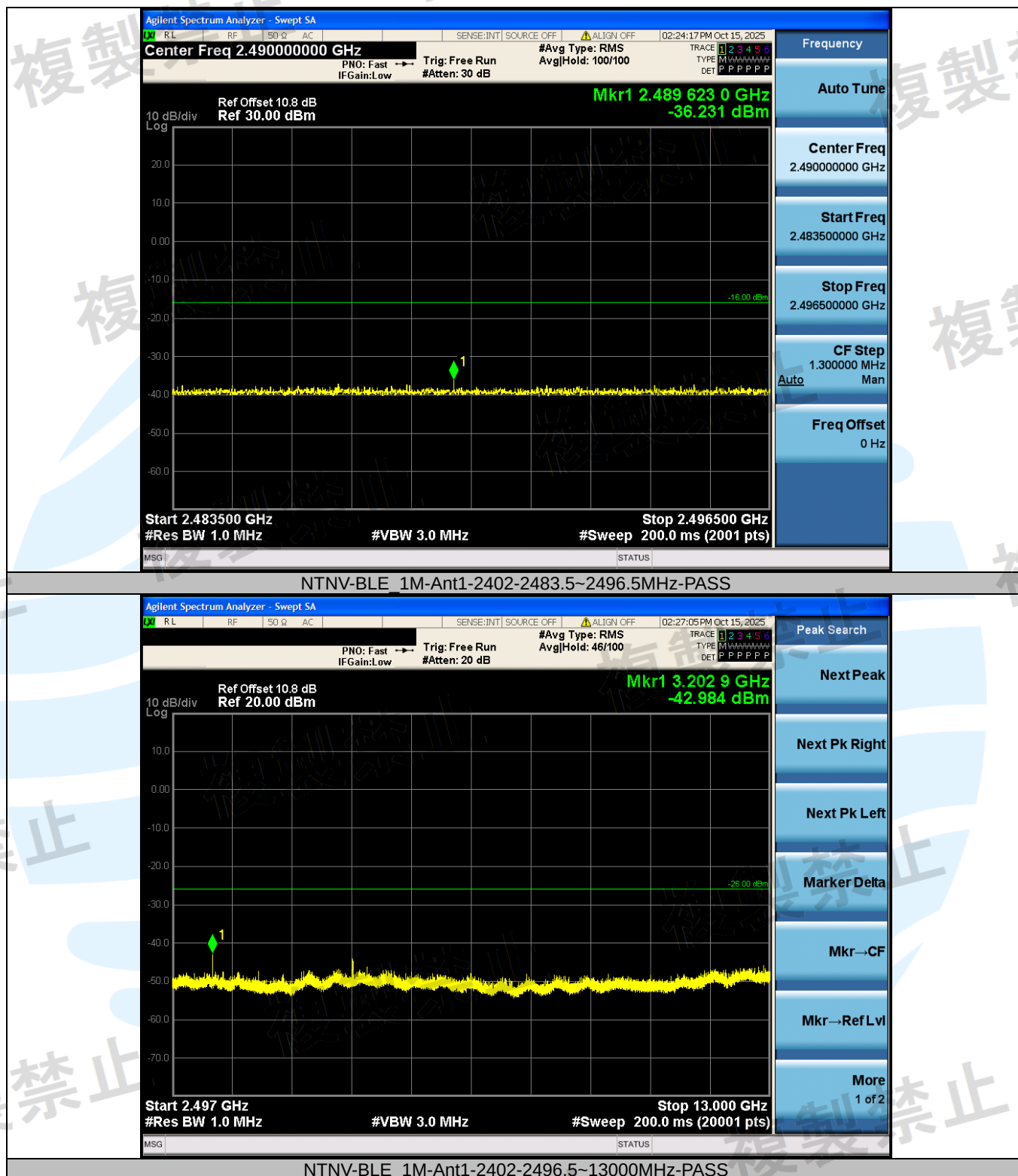
- a) Below 1GHz
 1. Set RBW = VBW = 100 kHz.
 2. Detector = peak.
 3. Sweep = auto couple.
 4. Trace Mode = max hold.
 5. Allow trace to fully stabilize.
 6. Use the peak marker function to determine the maximum amplitude level.
- b) Above 1GHz
 1. Set RBW = VBW = 1 MHz.
 2. Detector = peak.
 3. Sweep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

5.5.5 Test Result

Test Condition	Test Mode	Antenna	Freq (MHz)	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE 1M	Ant1	2402	30~1000	238.07	-48.64	≤-26	0.01368	≤2.5	PASS
NTNV	BLE 1M	Ant1	2402	1000~2387	2079.43	-47.91	≤-26	0.01618	≤2.5	PASS
NTNV	BLE 1M	Ant1	2402	2387~2400	2399.99	-26.79	≤-16	2.09411	≤25	PASS
NTNV	BLE 1M	Ant1	2402	2483.5~2496.5	2489.62	-36.23	≤-16	0.23823	≤25	PASS
NTNV	BLE 1M	Ant1	2402	2496.5~13000	3202.86	-42.98	≤-26	0.05035	≤2.5	PASS
NTNV	BLE 1M	Ant1	2440	30~1000	485.42	-48.97	≤-26	0.01268	≤2.5	PASS
NTNV	BLE 1M	Ant1	2440	1000~2387	2235.47	-47.39	≤-26	0.01824	≤2.5	PASS
NTNV	BLE 1M	Ant1	2440	2387~2400	2390.17	-37.08	≤-16	0.19588	≤25	PASS
NTNV	BLE 1M	Ant1	2440	2483.5~2496.5	2488.90	-36.80	≤-16	0.20893	≤25	PASS
NTNV	BLE 1M	Ant1	2440	2496.5~13000	5845.54	-38.65	≤-26	0.13646	≤2.5	PASS
NTNV	BLE 1M	Ant1	2480	30~1000	895.73	-48.56	≤-26	0.01393	≤2.5	PASS
NTNV	BLE 1M	Ant1	2480	1000~2387	2367.24	-46.93	≤-26	0.02028	≤2.5	PASS
NTNV	BLE 1M	Ant1	2480	2387~2400	2388.75	-37.30	≤-16	0.18621	≤25	PASS
NTNV	BLE 1M	Ant1	2480	2483.5~2496.5	2483.66	-36.91	≤-16	0.20370	≤25	PASS
NTNV	BLE 1M	Ant1	2480	2496.5~13000	5681.16	-42.83	≤-26	0.05212	≤2.5	PASS





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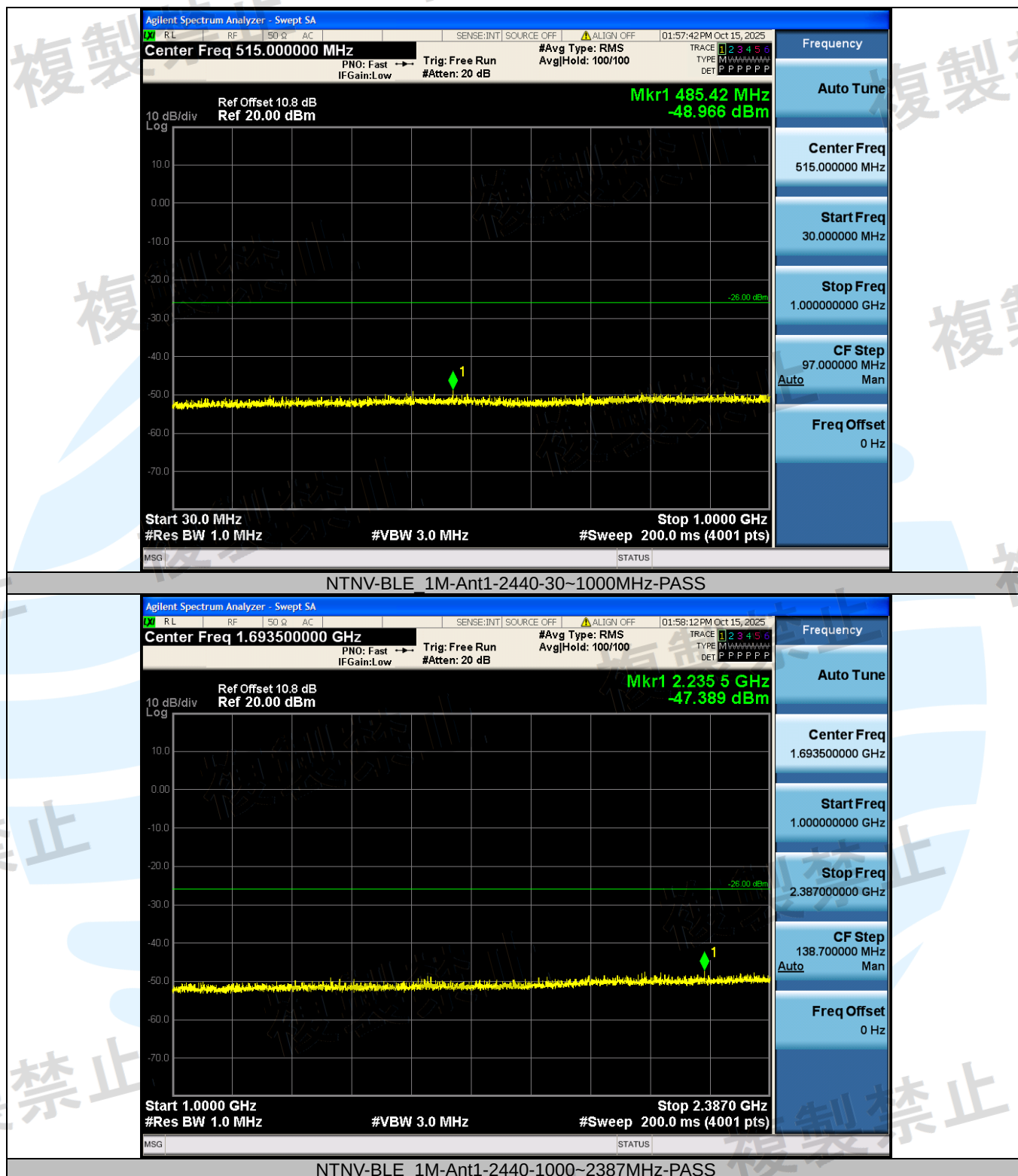
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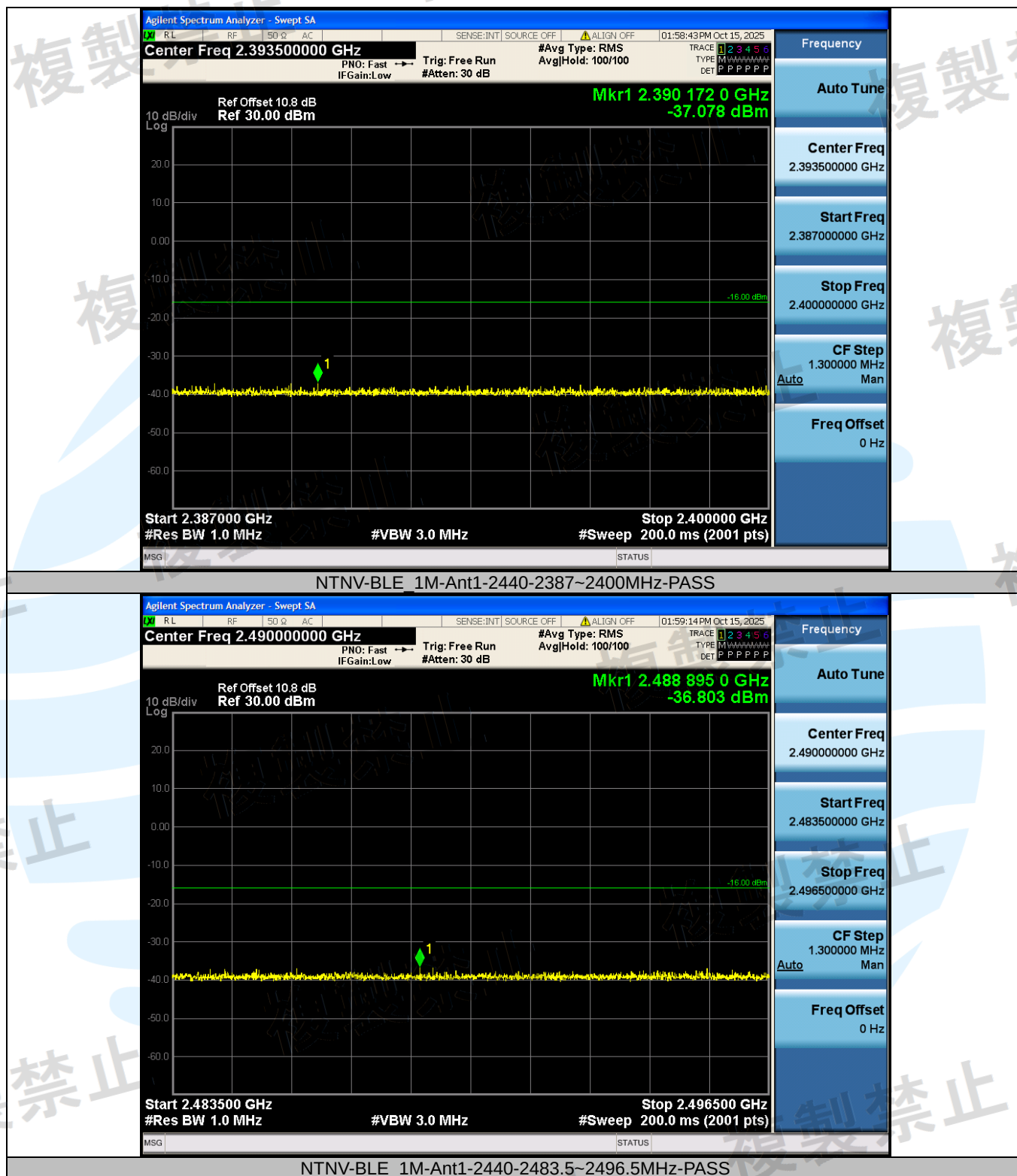
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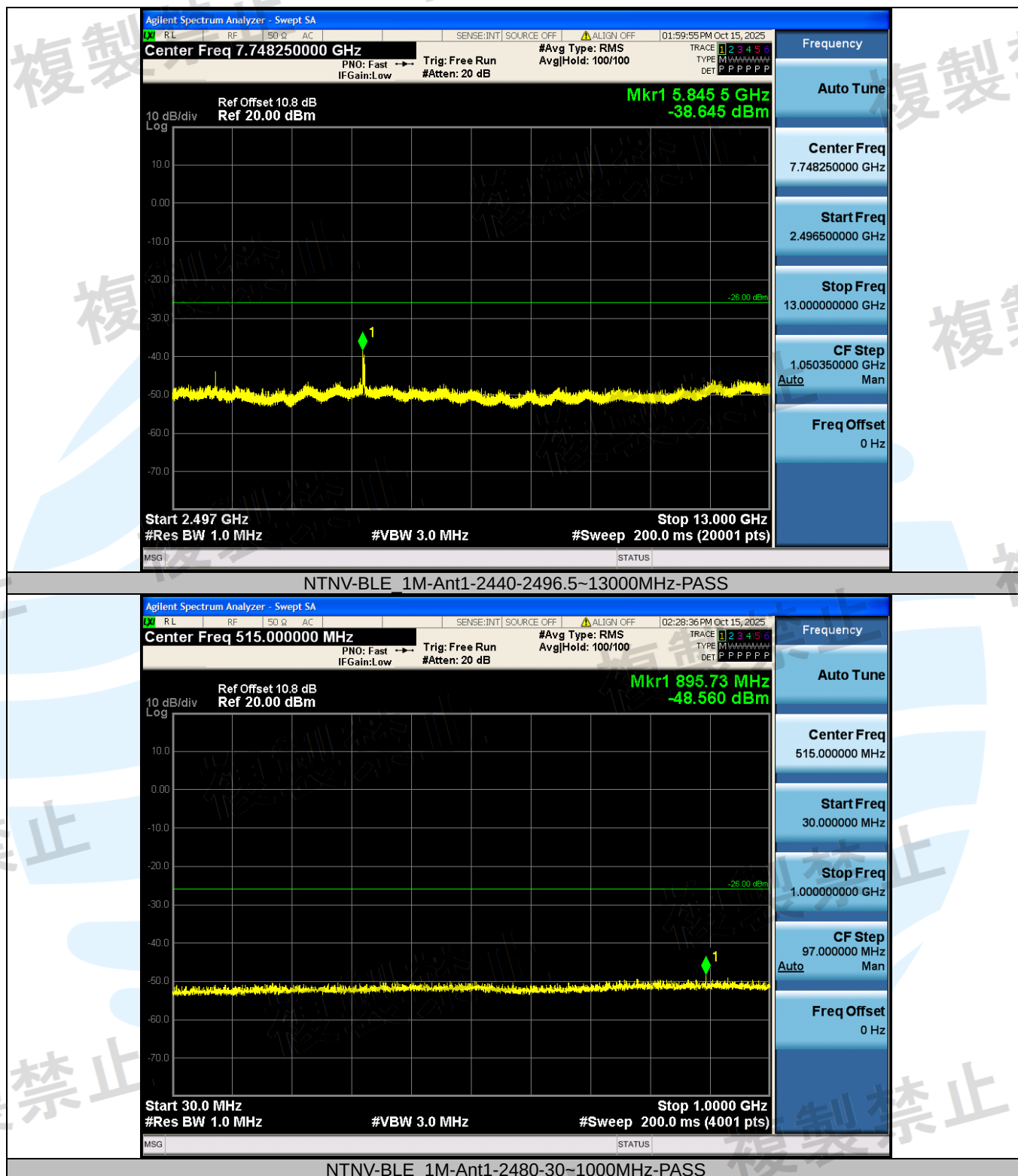
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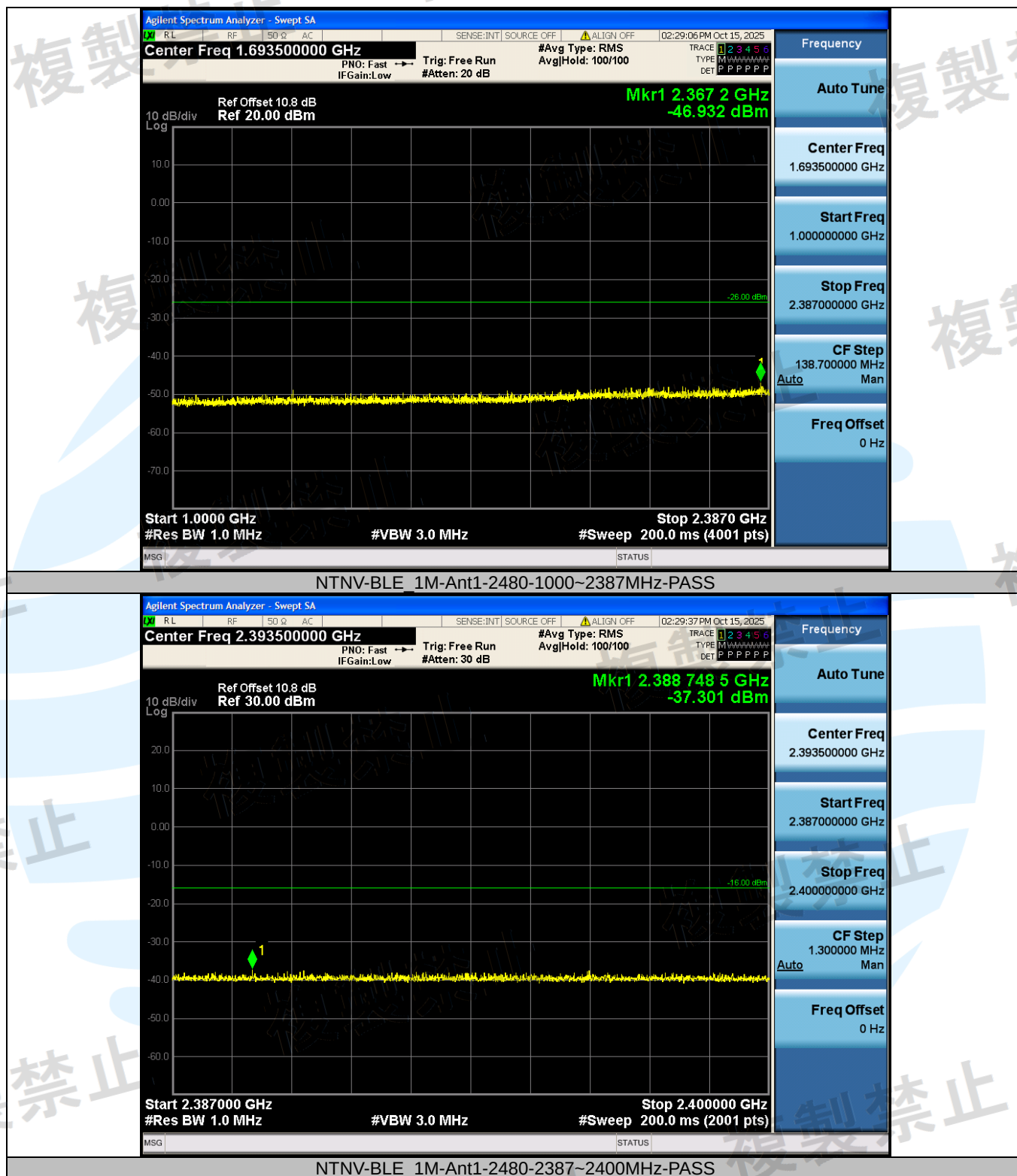
Tel: +86-755-28230888

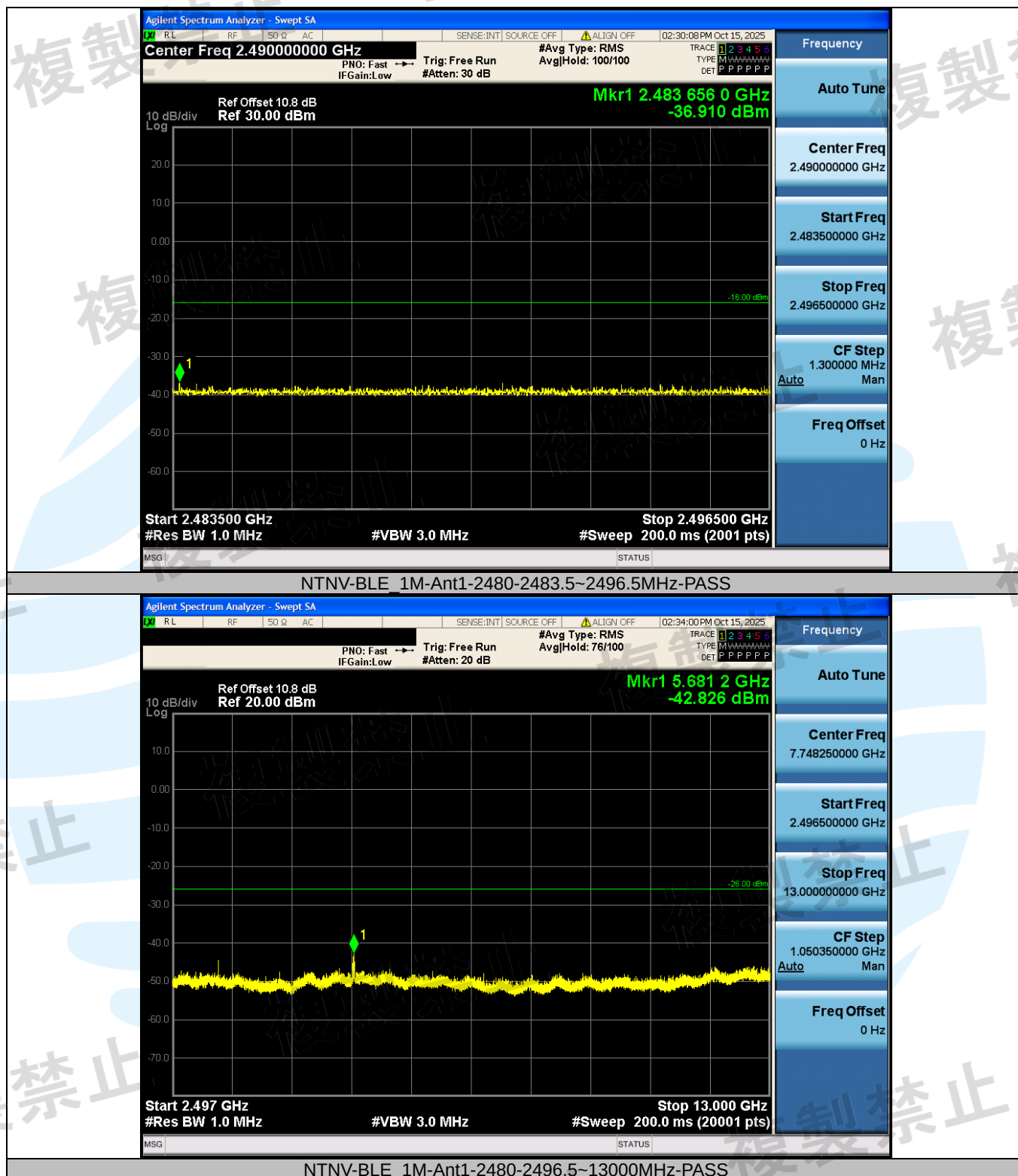
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UTTR-RF-STDT66-V1.1



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5.6 ANTENNA POWER

5.6.1 Limit

Antenna power	EIRP (max)	
	Omni-directional case	Directional case
10mW	12.14 dBm	22.14 dBm
	16.367 mW	163.682 mW

Tolerance of antenna power shall be +20% (upper value) and -80% (lower value).

According article 49.20 f(2) The angular width of the principal radiation in the horizontal and vertical planes of the transmitting antenna shall not exceed the value obtained by the following expression. $360/A$ degree A represents the value determined by dividing an equivalent isotropically radiated power by the value obtained by applying an antenna power with the mean power of 10 mW to the transmitting antenna with its absolute gain being 2.14 dB, and shall be 1 when it is lower than 1

5.6.2 Test Setup

Refer to section 4.4 for details.

5.6.3 Instruments Used

Refer to section 3 for details

5.6.4 Test Procedures

1. A power meter is connected on the IF output port of the spectrum analyzer.
2. Adjust the spectrum analyzer to have the center frequency the same with the measured carrier. RBW=VBW=1MHz, detector mode is positive peak. Turn off the averaging function and use zero span.
3. The calibrating signal power shall be reduced to 0 dBm and it shall be verified that the power meter reading also reduces by 10 dB.
4. Connect the equipment to be measured. Using the following settings of the spectrum analyzer in combination with "max hold" function, find the frequency of highest power output in the power envelope: center frequency equal to operating frequency; RBW & VBW: 1 MHz; detector mode: positive peak; averaging: off; span: 3 times the spectrum width; amplitude: adjust for middle of the instrument's range. The frequency found shall be recorded.
5. Set the center frequency of the spectrum analyzer to the found frequency and switch to zero span. The power meter indicates the measured power density "E".
6. Remove the EUT and put the replacing standard signal generator (SSG). Set the standard signal generator (SSG) at same frequency and transmit on, then set SSG output power at P_t to give the equivalent output level of "E".
7. Calculate antenna power density by the formula below $PD = P_t + 10 \cdot \log(1/x)$.
x: The duty cycle of the EUT in continuously transmitting mode
 P_t : Output power of the SSG
8. Antenna Power Error is definition that actual measure antenna power tolerance between + 20% to - 80% power range that base on manufacturer declare the conducted power density.

5.6.5 Test Result

Conducted antenna power

Test Voltage	Mode	Channel / Frequency (MHz)	Antenna power	Antenna power density	Tolerance (%)	Rated power (mW)	Result
			(dBm)	(mW)			
VN	LE	0/ 2402	0.77	1.1940	-4.48	1.25 (-80%~ +20%)	PASS
		19/ 2440	0.83	1.2106	-3.15		PASS
		39/ 2480	0.96	1.2474	-0.21		PASS

Radiated antenna power

Test Voltage	Mode	Channel / Frequency (MHz)	Antenna Gain (dBi)	Radiated RF output power	
				(mW)	(dBm)
VN	LE	0/ 2402	1.72	1.7742	2.49
		19/ 2440		1.7989	2.55
		39/ 2480		1.8535	2.68

Note: 1. The maximum EIRP is calculated from max output power and antenna gain, the antenna gain provided by the customer, and the customer takes all the responsibilities for the accuracy of antenna gain.

2. The EIRP is less than Limit, HBPA is not necessary.

5.7 SPURIOUS EMISSIONS OF RECEIVER

5.7.1 Limit

Frequency (MHz)	Limit	
	nW	dBm
Below 1GHz	≤ 4	-54
Above 1GHz	≤ 20	-47

5.7.2 Test Setup

Refer to section 4.4 for details.

5.7.3 Instruments Used

Refer to section 3 for details

5.7.4 Test Procedures

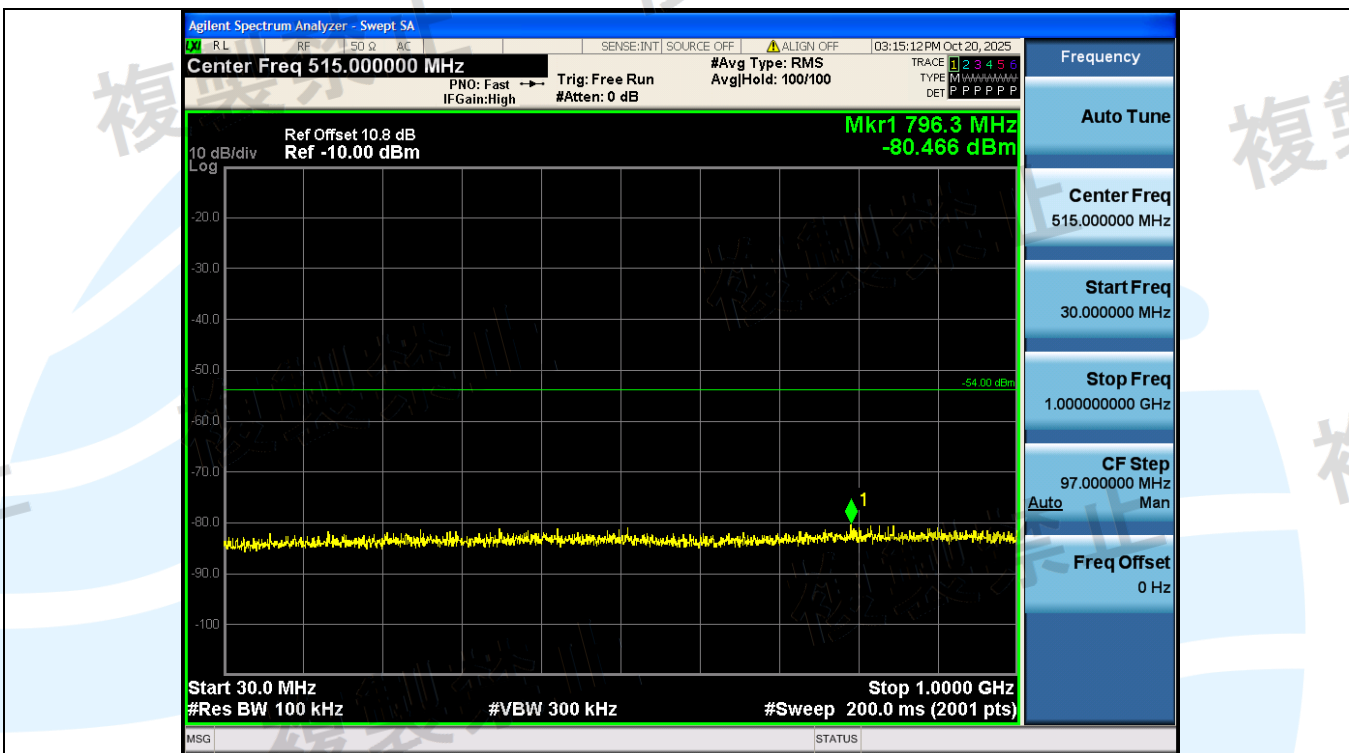
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

Use the following spectrum analyzer settings:

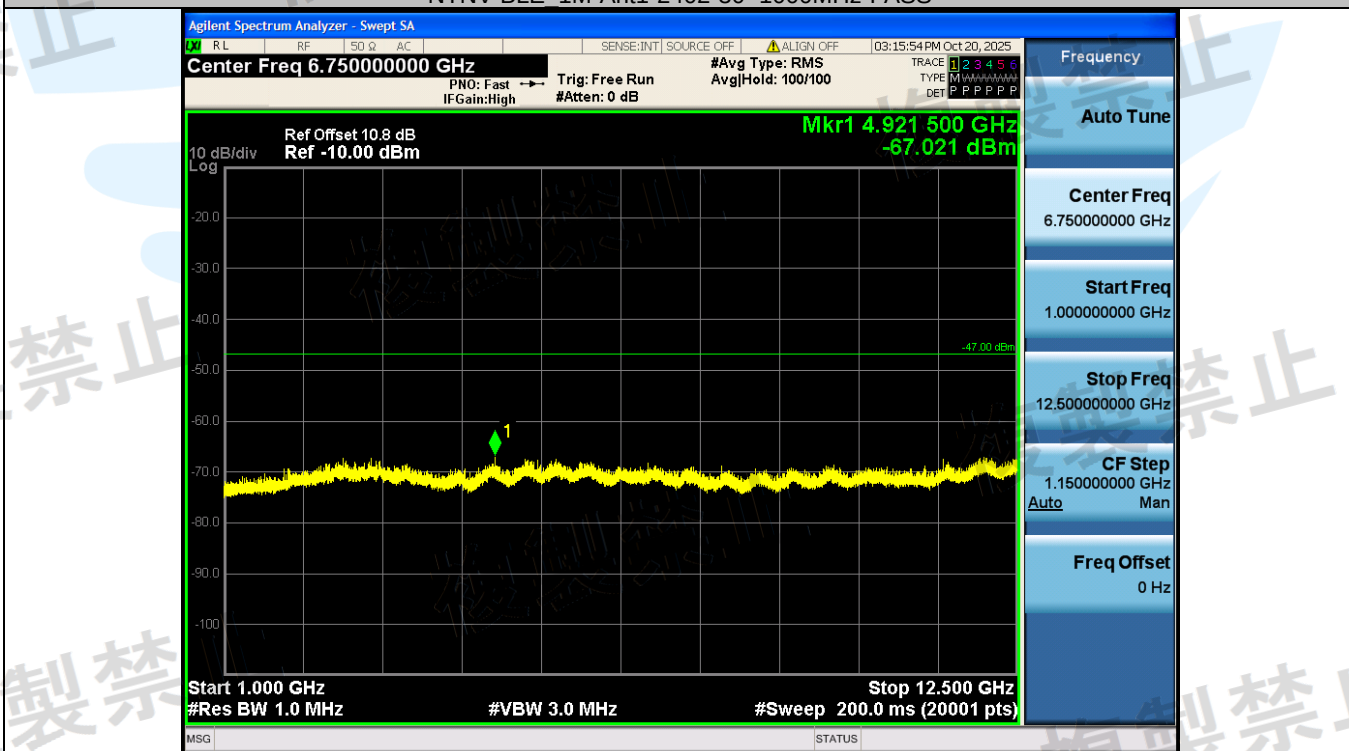
- c) Below 1GHz
 - 7. Set RBW = VBW = 100 kHz.
 - 8. Detector = peak.
 - 9. Sweep = auto couple.
 - 10. Trace Mode = max hold.
 - 11. Allow trace to fully stabilize.
 - 12. Use the peak marker function to determine the maximum amplitude level.
- d) Above 1GHz
 - 7. Set RBW = VBW = 1 MHz.
 - 8. Detector = peak.
 - 9. Sweep = auto couple.
 - 10. Trace Mode = max hold.
 - 11. Allow trace to fully stabilize.
 - 12. Use the peak marker function to determine the maximum amplitude level.

5.7.5 Test Result

Test Condition	Test Mode	Antenna	Freq (MHz)	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE 1M	Ant1	2402	30~1000	796.30	-80.47	≤-54	0.00897	≤4	PASS
NTNV	BLE 1M	Ant1	2402	1000~12500	4921.50	-67.02	≤-47	0.19861	≤20	PASS
NTNV	BLE 1M	Ant1	2440	30~1000	812.79	-80.17	≤-54	0.00962	≤4	PASS
NTNV	BLE 1M	Ant1	2440	1000~12500	12015.85	-65.90	≤-47	0.25704	≤20	PASS
NTNV	BLE 1M	Ant1	2480	30~1000	935.98	-80.09	≤-54	0.00979	≤4	PASS
NTNV	BLE 1M	Ant1	2480	1000~12500	12007.80	-67.13	≤-47	0.19364	≤20	PASS



NTNV-BLE 1M-Ant1-2402-30~1000MHz-PASS



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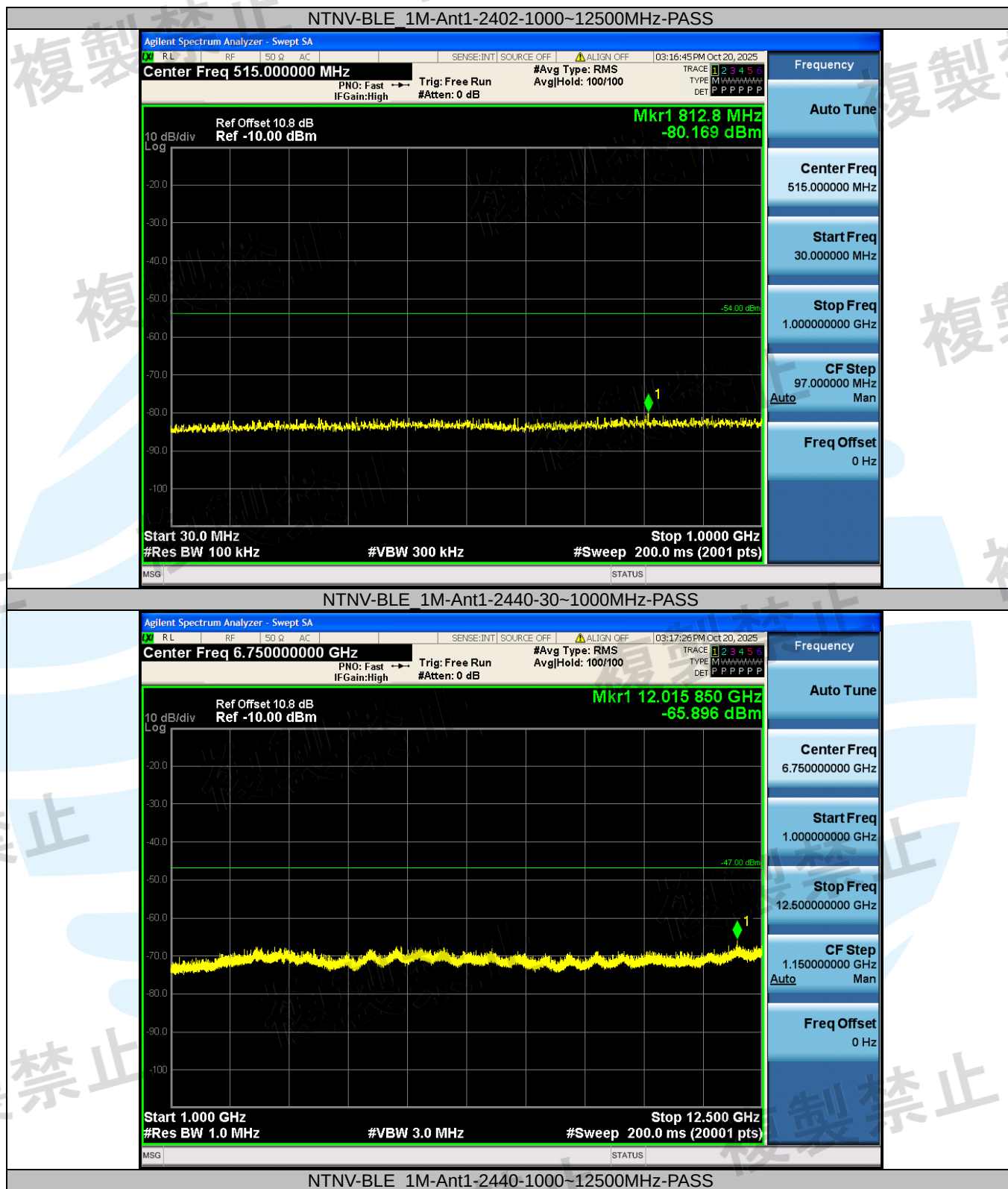
Tel: +86-755-28230888

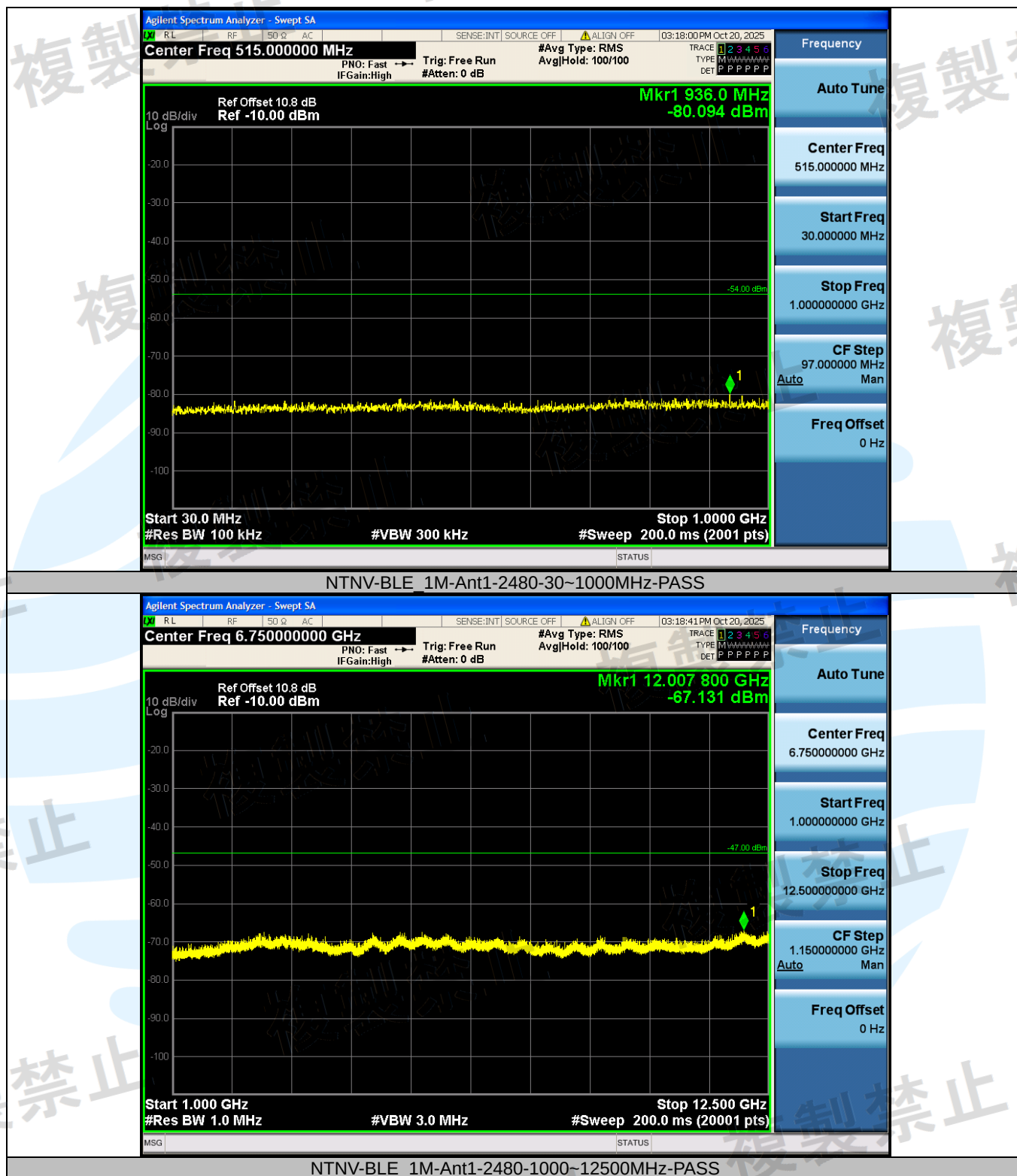
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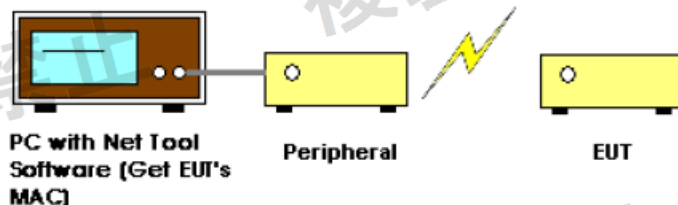


5.8 CARRIER SENSE CAPABILITY

5.8.1 Limit

The radio equipment connected to telecommunication circuit equipment shall be equipped with a device which detects emissions radiated from another radio station and prevents interference, or a device which prevents interference by operation on a receive signal and a signal for diffusion for signal level detection.

5.8.2 Test Setup



5.8.3 Instruments Used

Refer to section 3 for details

5.8.4 Test Procedures

1. Turn the standard signal generator output OFF. Leave the equipment under test to be ready for transmission and verify the transmission with the spectrum analyzer.
2. Set the equipment under test to the receiving state.
3. Turn the standard signal generator ON and leave the equipment under test to be ready for transmission and verify with the spectrum analyzer that no transmission is being made.

5.8.5 Result

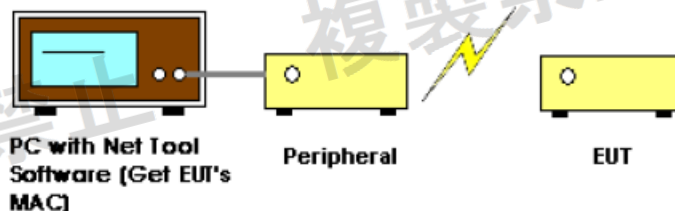
This test will not be applied to EUTs which are not for wireless control of model airplanes used outdoors and whose occupied bandwidths are 26MHz or narrower.

5.9 INTERFERENCE PREVENTION FUNCTION

5.9.1 Limit

Identification code $\geq$ 48 bits

5.9.2 Test Setup



5.9.3 Test Procedures

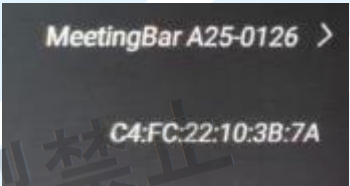
1. In the case that the EUT has the function of automatically transmitting the identification code:
 - a. Transmit the predetermined identification codes from EUT.
 - b. Check the transmitted identification codes with the demodulator.
2. In the case of receiving the identification code:
 - a. Transmit 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.

5.9.4 Test Result

TX: The transmitting mode of EUT is on normal operating, the interference prevention function is okay.

RX: The receiving mode of EUT is on normal operating, the interference prevention function is okay.

The ID Code of this Wi-Fi device as below list:

Identification code


5.10 CONSTRUCTION PROTECTION

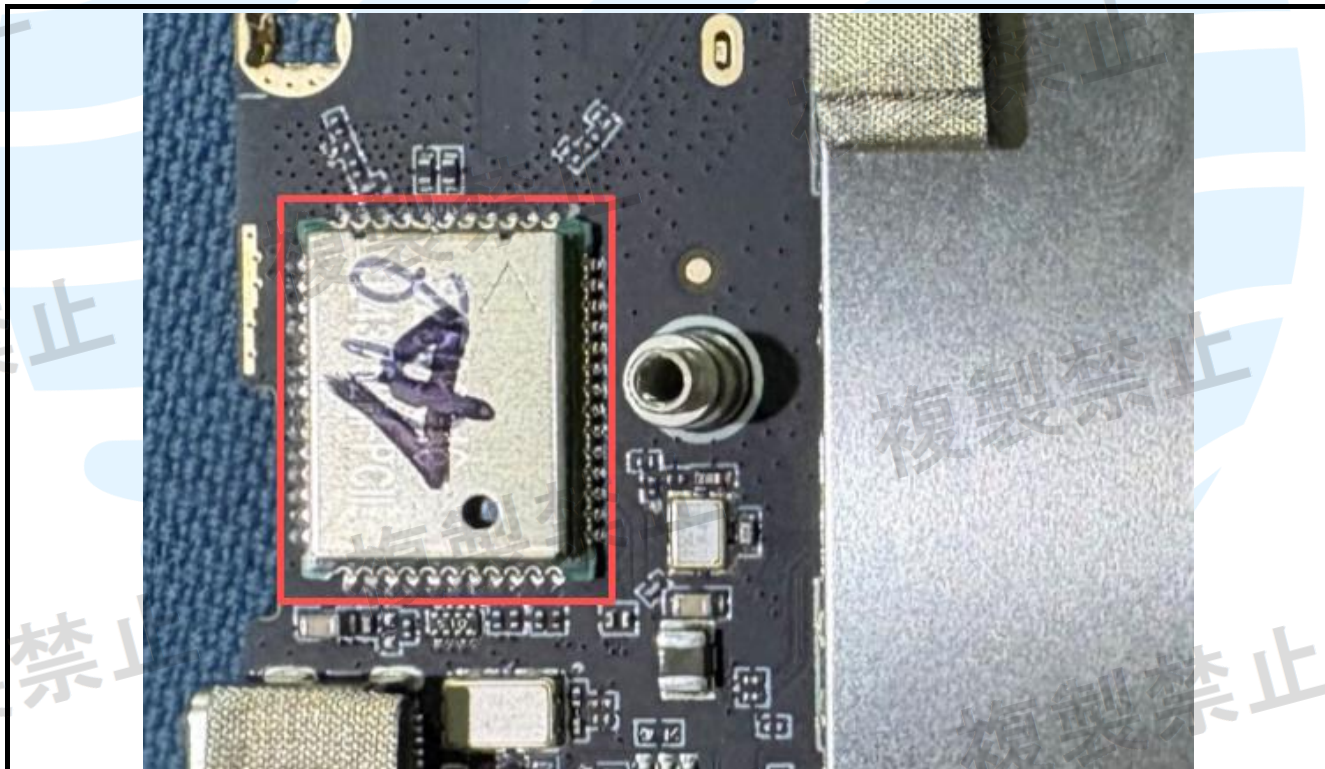
5.10.1 Limit

The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.

5.10.2 Confirmation Method

☐	Sealed with special screws.
☐	Plastic chassis is being welded using ultrasonic waves.
☐	Chassis is glued using a special adhesive.
☐	Metal covers are spot-fused.
☐	Cover is specially interlocked.
☒	RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued with a non-transparent laminating agent.
☐	Other :

5.10.3 The Photos of Construction Protection



APPENDIX 1 PHOTOGRAPHS OF TEST SETUP

Refer to Appendix 1 for Test Setup photos.

APPENDIX 2 PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix for EUT photos.

*** End of Report ***

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