

TEST REPORT

Product Name : Projector

Model Number : A02M11

Prepared for : Shenzhen Neutop Optoelectronics Co., Ltd.
Address : 502, BLDG 4, Pingshan minQi Technology Park, No. 65
Lishan Road, Pingshan Community, Taoyuan Street,
Nanshan District, Shenzhen, Guangdong, China

Prepared by : EMTEK (SHENZHEN) CO., LTD.
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Report Number : ENS2607210134W00104R
Date(s) of Tests : July 21, 2026 to August 26, 2026
Date of Issue : August 27, 2026

TABLE OF CONTENTS

1. EUT TECHNICAL DESCRIPTION	5
1.1. PRODUCT DESCRIPTION	5
1.2. FEATURE OF EUT	错误！未定义书签。
2. SUMMARY OF TEST RESULT	7
3. TEST METHODOLOGY	8
3.1. GENERAL DESCRIPTION OF APPLIED STANDARDS	8
3.2. MEASUREMENT EQUIPMENT USED	8
3.3. DESCRIPTION OF TEST MODES	9
4. FACILITIES AND ACCREDITATIONS	10
4.1. FACILITIES	10
4.2. LABORATORY ACCREDITATIONS AND LISTINGS	10
5. TEST SYSTEM UNCERTAINTY	11
6. WIRELESS MODULE VOLTAGE TEST IN EXTREME CONDITIONS	12
6.1. APPLICABLE STANDARD	12
6.2. TEST CONFIGURATION	12
6.3. TEST RESULTS	13
6.4. SUPPORT EQUIPMENT	14
7. TEST REQUIREMENTS	15
7.1. FREQUENCY ERROR	15
7.2. ANTENNA POWER AND E.I.R.P	28
7.3. SPURIOUS EMISSIONS OF TX	54
7.4. OCCUPIED BANDWIDTH (99%)	144
7.5. LEAK POWER OF ADJACENT CHANNELS	157
7.6. LEAK POWER OUT OF BAND	171
7.7. SPURIOUS EMISSIONS OF RX	175
7.8. TRANSMISSION BURST LENGTH	349
7.9. INTERFACE PREVENTION FUNCTION	362
7.10. CARRIER SENSE FUNCTION	363
7.11. RF ACCESSIBILITY	366
APPENDIX- PHOTOGRAPHS OF TEST SETUP	367

Modified Information

Version	Report No.	Revision Date	Summary
Ver.1.0	ENS2607210134W00104R	/	Original Report

TEST RESULT CERTIFICATION

Applicant : Shenzhen Neutop Optoelectronics Co., Ltd.

Address : 502, BLDG 4, Pingshan minQi Technology Park, No. 65 Lishan Road, Pingshan Community, Taoyuan Street, Nanshan District, Shenzhen, Guangdong, China

Manufacturer : Shenzhen Neutop Optoelectronics Co., Ltd.

Address : 502, BLDG 4, Pingshan minQi Technology Park, No. 65 Lishan Road, Pingshan Community, Taoyuan Street, Nanshan District, Shenzhen, Guangdong, China

EUT : Projector

Model Name : A02M11

Trademark : Aurzen · 

Measurement Procedure Used:

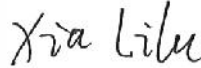
APPLICABLE STANDARDS		
STANDARD	Test Procedure	TEST RESULT
Item 19-3 of Article 2 Paragraph 1 ARIB STD-T71 Ver.6.1 RE-740 49.20 MIC Requirements for Certification	MIC public notice 88:2004, annex 45 MIC public notice 88:2004, annex 1	PASS

The device described above is tested by SHENZHEN EMTEK , CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and EMTEK (SHENZHEN) CO., LTD. is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the above table standards requirement.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK (SHENZHEN) CO., LTD.

Date of Test : July 21, 2026 to August 26, 2026

Prepared by : 
Yu Xiaolan/Editor

Reviewer : 
Xia Lili/Supervisor

Approved & Authorized Signer : 
Wang Li/Manager



1. EUT TECHNICAL DESCRIPTION

1.1. Product Description

Characteristics	Description
Device Type:	5G WiFi
Product:	Projector
Model Number:	A02M11
Test Sample S/N:	ENS2607210134W001-01
Wifi Type:	Wifi 5G with 5150~5250MHz Band
IEEE 802.11 WLAN Mode Supported:	802.11a(20MHz channel bandwidth) 802.11n(20MHz channel bandwidth) 802.11n(40MHz channel bandwidth) 802.11ac(20MHz channel bandwidth) 802.11ac(40MHz channel bandwidth) 802.11ax(20MHz channel bandwidth) 802.11ax(40MHz channel bandwidth)
Modulation:	OFDM,OFDMA
Frequency Range:	5150MHz-5250MHz Band
	5180-5240MHz for 802.11a 5180-5240MHz for 802.11n(HT20) 5190-5230MHz for 802.11n(HT40) 5180-5240MHz for 802.11ac(VHT20) 5190-5230MHz for 802.11ac(VHT40) 5180-5240MHz for 802.11ax(HE20) 5190-5230MHz for 802.11ax(HE40)
Rated Antenna Power:	IEEE 802.11a: W52 (5180-5240MHz): 5 mW/MHz IEEE 802.11n(HT20): W52 (5180-5240MHz): 5 mW/MHz IEEE 802.11ac(VHT20): W52 (5180-5240MHz): 5 mW/MHz IEEE 802.11n(HT40): W52 (5190-5230MHz): 3 mW/MHz IEEE 802.11ac(VHT40): W52 (5190-5230MHz): 3 mW/MHz IEEE 802.11ax(HE20): W52 (5180-5240MHz): 5 mW/MHz IEEE 802.11ax(HE40): W52 (5190-5230MHz): 3 mW/MHz
TPC:	Not Applicable
Smart system:	SISO

Antenna Type:	FPC Antenna
Antenna Gain:	3.94dBi (Note: The antenna information is provided by the customers, which will have a certain impact on the test results.)
Adapter:	Model:Z48AW350100JA00 INPUT:100-240V~50/60Hz 1.2A MAX 47.0W OUTPUT1:35.0V/1.0A OUTPUT2:12.0V/1.0A
Power supply:	DC 12V&35V from adapter
Test Voltage:	AC 100V/50Hz
Temperature Range:	0° C to 35° C
Software Version:	V1.0.11
Hardware Version:	OD.P.JBV1.MT9266
Date of Received:	July 21, 2026
Date of Test:	July 21, 2026 to August 26, 2026

2. SUMMARY OF TEST RESULT

Test Rule	Test Parameter	Verdict	Remark
Item 19-3 of Article 2 Paragraph 1	Frequency Error	PASS	
Item 19-3 of Article 2 Paragraph 1	Antenna Power	PASS	
Item 19-3 of Article 2 Paragraph 1	Equivalent isotropically radiated power (E.I.R.P.)	PASS	
Item 19-3 of Article 2 Paragraph 1	Spurious Emissions of Tx	PASS	
Item 19-3 of Article 2 Paragraph 1	Occupied Bandwidth (99%)	PASS	
Item 19-3 of Article 2 Paragraph 1	Leak Power of Adjacent Channels	PASS	
Item 19-3 of Article 2 Paragraph 1	Leak Power Out of Band	PASS	
Item 19-3 of Article 2 Paragraph 1	Spurious Emissions of Rx	PASS	
Item 19-3 of Article 2 Paragraph 1	Transmission Burst Length	PASS	
Item 19-3 of Article 2 Paragraph 1	Interference prevention function	PASS	
Item 19-3 of Article 2 Paragraph 1	Carrier Sense Function	PASS	
Item 19-3 of Article 2 Paragraph 1	RF accessibility	PASS	

3. TEST METHODOLOGY

3.1. GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards:
ARIB STD T-66 Second Generation Low Power Data Communication System/Wireless LAN System
RE-740 49.20 MIC Requirements for Certification

3.2. MEASUREMENT EQUIPMENT USED

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval	Calibration Body	Calibration Method
Wideband Radio Communication Tester	R&S	CMW500	171168	2025/9/9	1Year	LISAI	(c)
Frequency Extender	R&S	CMW-Z800A	100430	2025/9/9	1Year	LISAI	(c)
Spectrum Analyzer	R&S	FSV3044	101289	2025/12/16	1Year	LISAI	(c)
Analog Signal Generator	R&S	SMB100A	183237	2025/9/9	1Year	LISAI	(c)
Vector Signal Generator	R&S	SMM100A	101808	2025/9/9	1Year	LISAI	(c)
RF Control Unit(Power Meter)	Tonscend	JS0806-2	22C8060567	2025/9/9	1Year	LISAI	(c)
Temperature&Humidity Chamber	ESPEC	EL-02KA	12107166	2026/5/8	1 Year	LISAI	(c)
DC Power Supply	KEYSIGHT	E3642A	MY53030016	2025/9/9	1 Year	LISAI	(c)

Remark:

- (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).
- From JRL Article 24-2, paragraph 4, Item 2.

Notice: Calibration duration for above equipments is 1 year.

3.3. Description of test modes

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Wifi 5G with 5150-5250MHz

Frequency and Channels list for 802.11a/n(HT20)/802.11ac(VHT20)/802.11ax(HE20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220		
40	5200	48	5240		

Frequency and Channels list for 802.11n (HT40)/802.11ac(VHT40)/802.11ax(HE40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190				
46	5230				

Test Frequency and Channels for 802.11a/n(HT20)/802.11ac(VHT20)/802.11ax(HE20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	48	5240

Test Frequency and channels for 802.11n(HT40)/802.11ac(VHT40)/802.11ax(HE40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	N/A	N/A	46	5230

4. FACILITIES AND ACCREDITATIONS

4.1. FACILITIES

All measurement facilities used to collect the measurement data are located at Bldg 69, Majialong Industry Zone, Nanshan District, Shenzhen, Guangdong, China
The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4

4.2. LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

EMC Lab. : The Certificate Registration Number is L2291
The Laboratory has been assessed and proved to be in compliance with CNAS-CL01 (identical to ISO/IEC 17025:2017)

3m Chamber #1 : Certificated by VCCI, Japan
Registration No.: R-12777
Registration No.: G-20141

10m Chamber : Certificated by VCCI, Japan
Registration No.: R-14410

Shielding Room #1 : Certificated by VCCI, Japan
Registration No.: C-13065
Registration No.: T-11318

Name of Firm : EMTEK (SHENZHEN) CO., LTD.

Site Location : Building 69, Majialong, Industry Zone, Nanshan District, Shenzhen, Guangdong, China

5. TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Parameter	Measurement Uncertainty
RF Output Power	±1.0%
Power Spectral Density	±0.9%
Duty Cycle and Tx-Sequence and Tx-Gap	±1.3%
Medium Utilisation Factor	±1.5%
Occupied Channel Bandwidth	±2.3%
Transmitter Unwanted Emission in the Out-of Band	±1.2%
Transmitter Unwanted Emissions in the Spurious Domain	±2.7%
Receiver Spurious Emissions	±2.7%
Temperature	±3.2%
Humidity	±2.5%

Measurement Uncertainty for a level of Confidence of 95%.

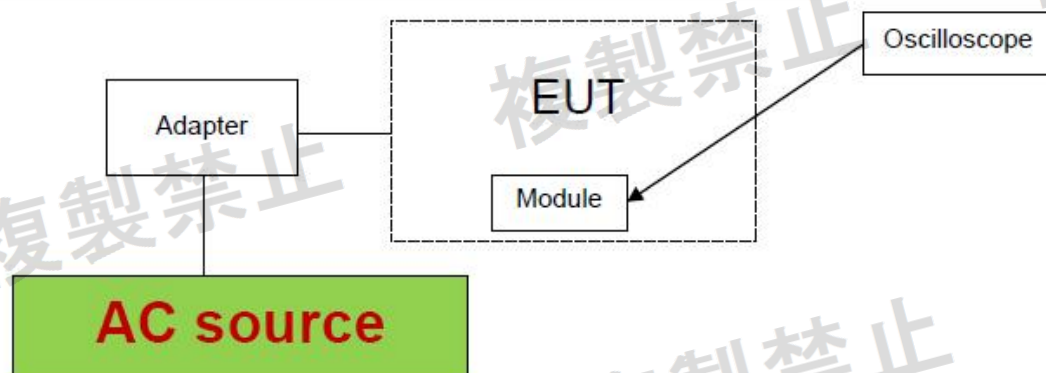
6. Wireless module voltage test in extreme conditions

6.1. Applicable Standard

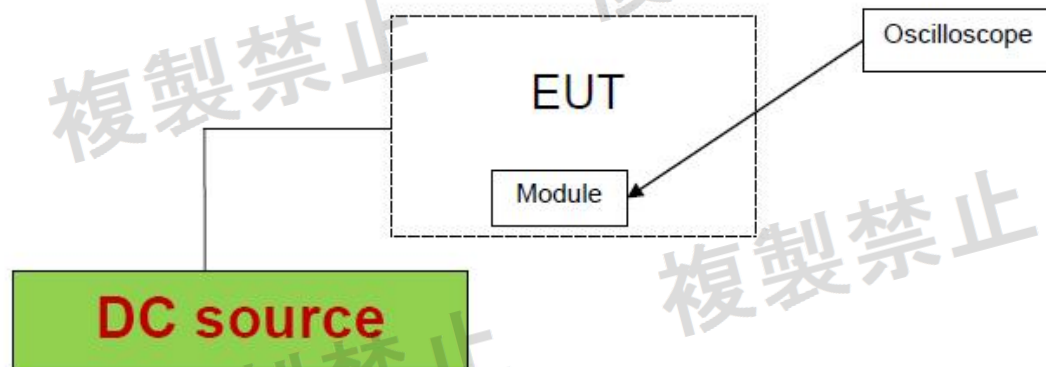
When there is a fluctuation of $\pm 10\%$ input voltage from external power to the test equipment. If the fluctuation of input voltage to the circuit of the radio part (excl. power) in the test equipment is confirmed below $\pm 1\%$, Measurement shall be tested with the rated voltage.

6.2. Test Configuration

Config A



Config B



6.3. Test Results

Temperature : 24.2℃ Test By: Huang YiYang
Humidity : 47 % Atmospheric Pressure: 101KPa

Test Sample DC Input Voltage	10.8V	12V	13.2V
Input Voltage To The Circuit	3.31	3.29	3.29
Module Rated Voltage	3.30	3.30	3.30
The Deviation of Module Voltage (%)	+0.303%	-0.303%	-0.303%

Note: In extreme conditions, The test sample module power is confirmed below +/-1%.

6.4. SUPPORT EQUIPMENT

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
3. Unless otherwise denoted as EUT in 『Remark』 column, device(s) used in tested system is a support equipment accordance with the manufacturer's requirements and conditions for the intended use.

7. TEST REQUIREMENTS

7.1. FREQUENCY ERROR

7.1.1. Limit

ARIB STD-T71, Clause 3.1.2(4)

Tolerance of frequency: $\pm 20\text{ppm}$.

7.1.2. Test Procedure

Test Method for Radio Equipment mentioned in Certification Regulations Article 2, Item 19-3-2

MIC Notice No.88 Annex45 Clause 3

7.1.3. Test Configuration

Temperature and Voltage Measurement (under normal and extreme test conditions)



Remarks:

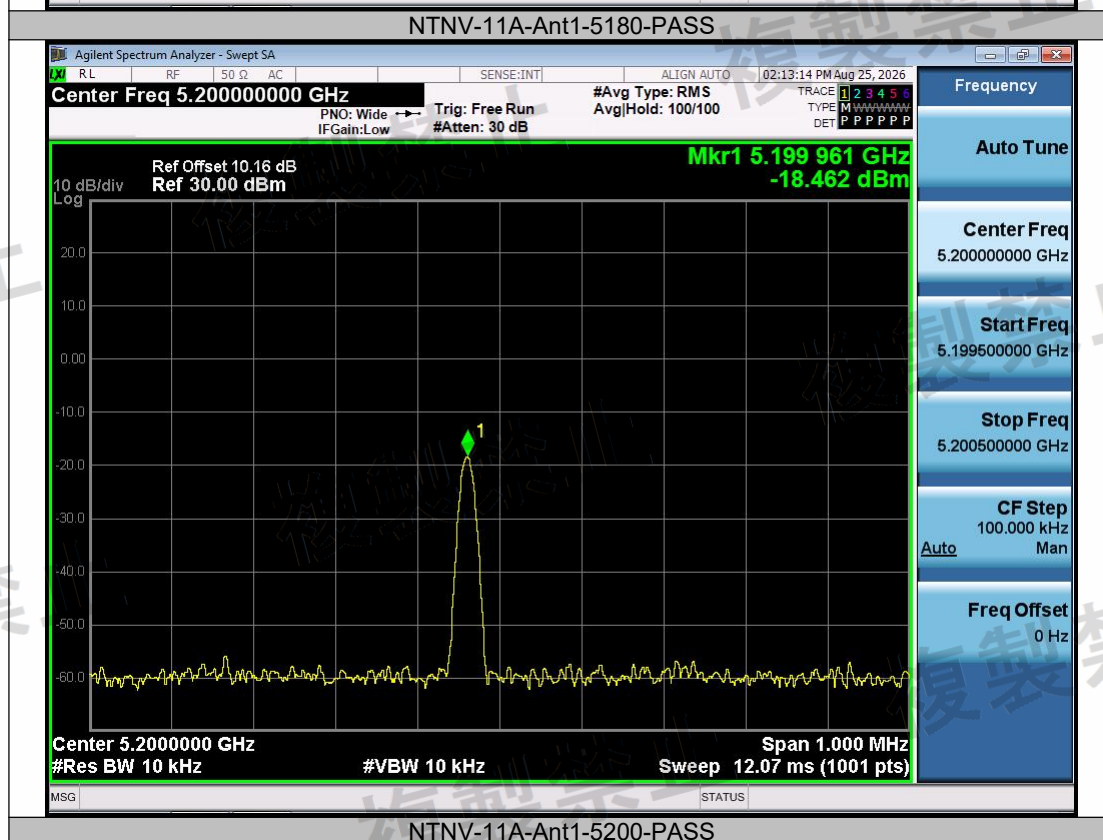
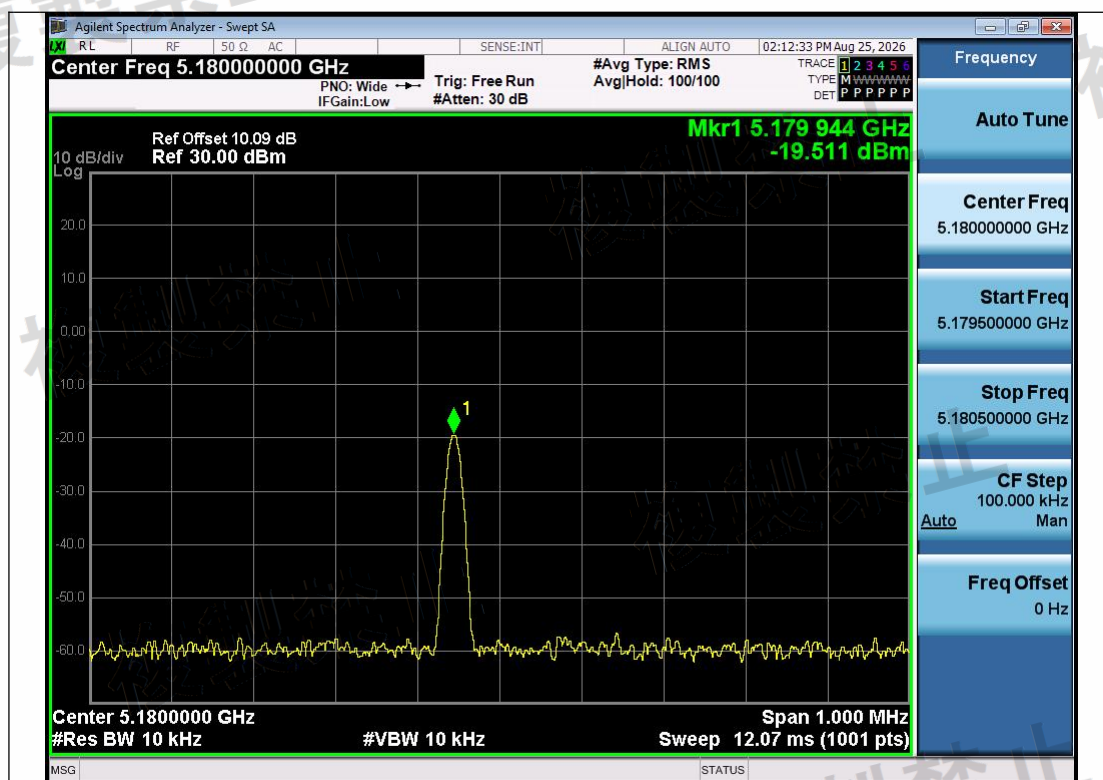
The spectrum analyzer could be connected to a monopole antenna or directly connected to the EUT, if the EUT has already employing an antenna connector.

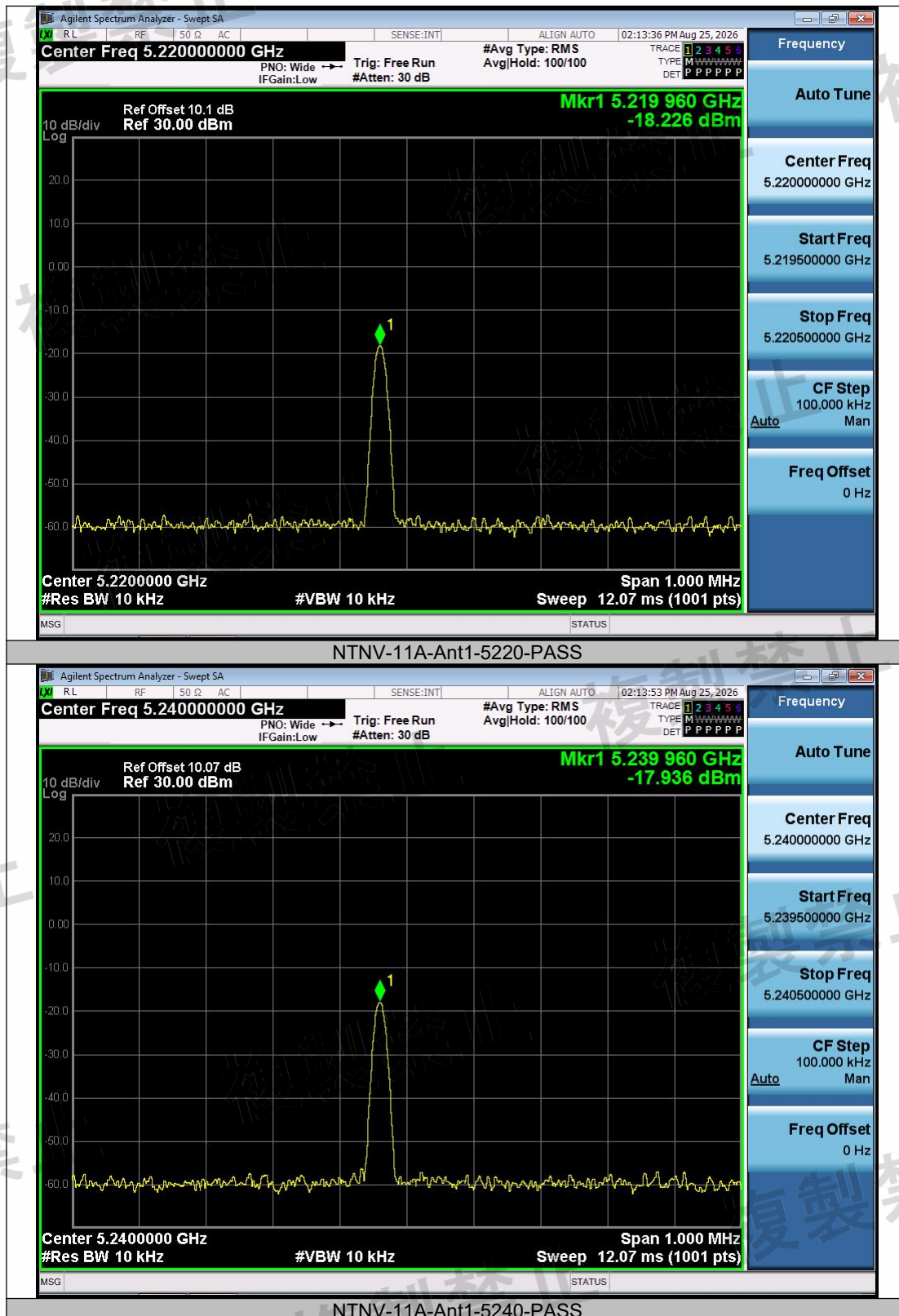
7.1.4. TEST RESULTS

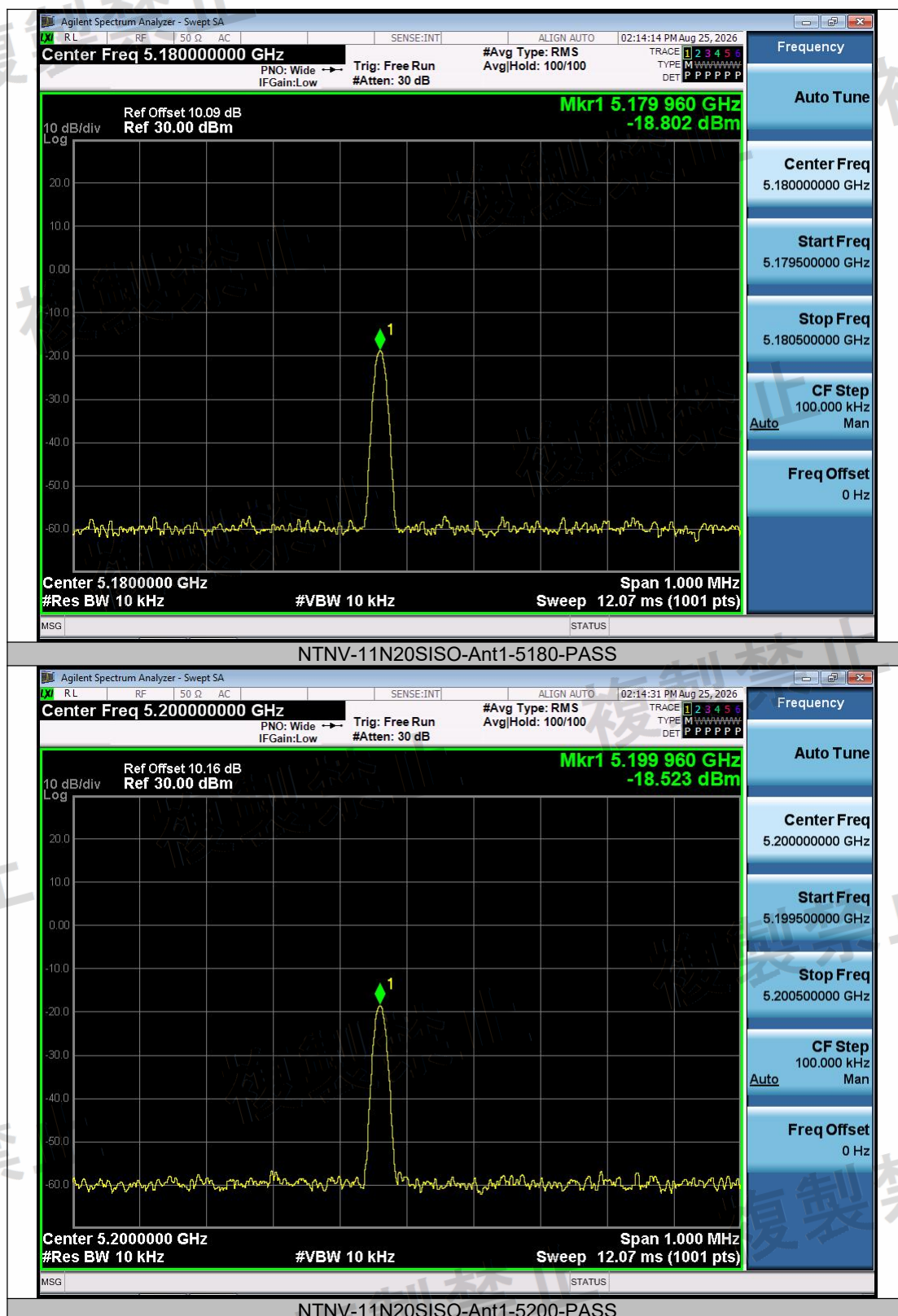
Temperature : 28.3℃
Humidity : 55 %

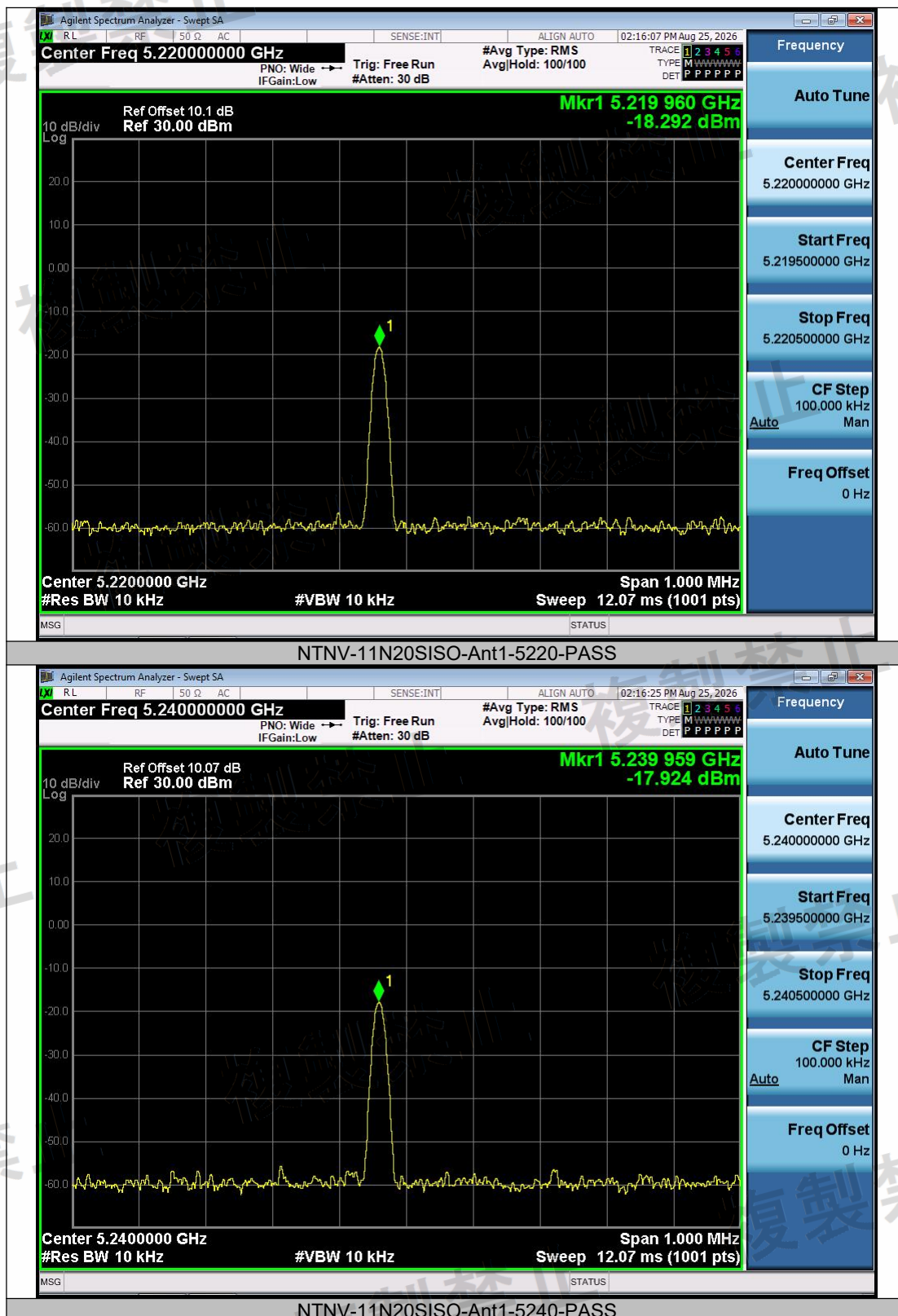
Test By: Huang YiYang
Test voltage: Normal voltage

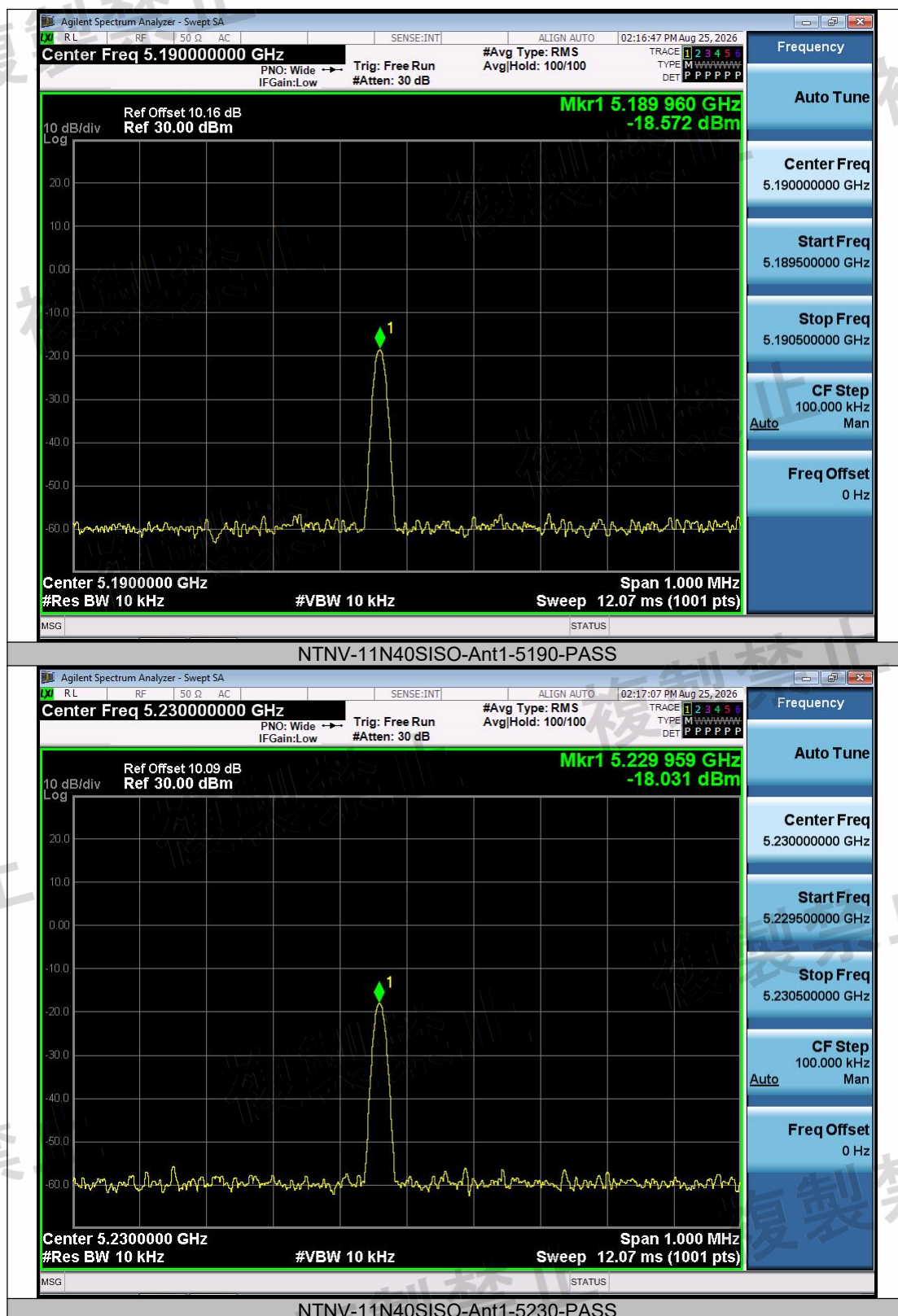
TestCondition	TestMode	Antenna	Frequency[MHz]	CenterFreq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	11A	Ant1	5180	5179.944	-10.81081	±20	PASS
NTNV	11A	Ant1	5200	5199.961	-7.50000	±20	PASS
NTNV	11A	Ant1	5220	5219.96	-7.66284	±20	PASS
NTNV	11A	Ant1	5240	5239.96	-7.63359	±20	PASS
NTNV	11N20SISO	Ant1	5180	5179.96	-7.72201	±20	PASS
NTNV	11N20SISO	Ant1	5200	5199.96	-7.69231	±20	PASS
NTNV	11N20SISO	Ant1	5220	5219.96	-7.66284	±20	PASS
NTNV	11N20SISO	Ant1	5240	5239.959	-7.82443	±20	PASS
NTNV	11N40SISO	Ant1	5190	5189.96	-7.70713	±20	PASS
NTNV	11N40SISO	Ant1	5230	5229.959	-7.83939	±20	PASS
NTNV	11AC20SISO	Ant1	5180	5179.96	-7.72201	±20	PASS
NTNV	11AC20SISO	Ant1	5200	5199.96	-7.69231	±20	PASS
NTNV	11AC20SISO	Ant1	5220	5219.96	-7.66284	±20	PASS
NTNV	11AC20SISO	Ant1	5240	5239.959	-7.82443	±20	PASS
NTNV	11AC40SISO	Ant1	5190	5189.96	-7.70713	±20	PASS
NTNV	11AC40SISO	Ant1	5230	5229.959	-7.83939	±20	PASS
NTNV	11AX20SISO	Ant1	5180	5179.96	-7.72201	±20	PASS
NTNV	11AX20SISO	Ant1	5200	5199.96	-7.69231	±20	PASS
NTNV	11AX20SISO	Ant1	5220	5219.959	-7.85441	±20	PASS
NTNV	11AX20SISO	Ant1	5240	5239.959	-7.82443	±20	PASS
NTNV	11AX40SISO	Ant1	5190	5189.96	-7.70713	±20	PASS
NTNV	11AX40SISO	Ant1	5230	5229.959	-7.83939	±20	PASS

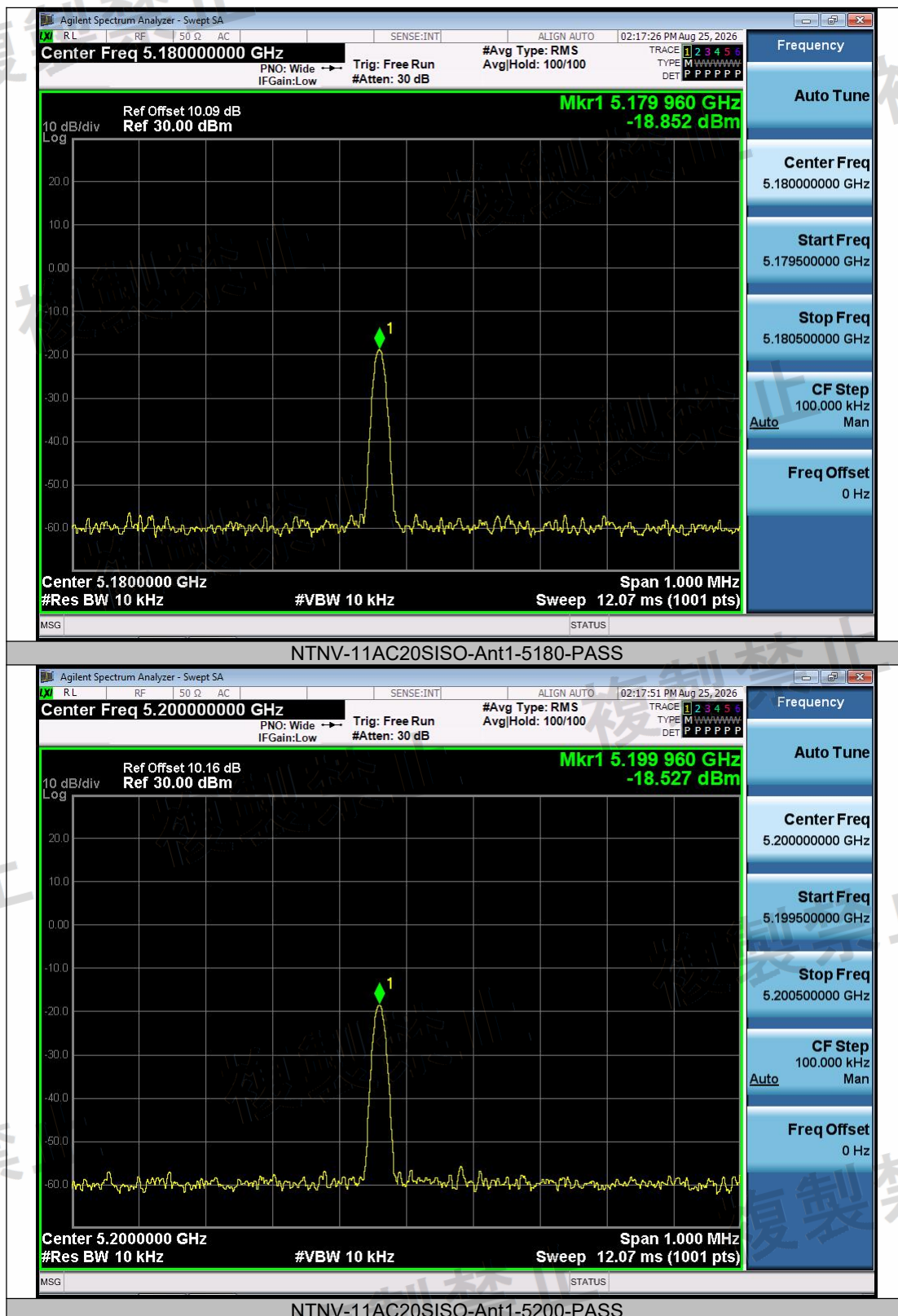


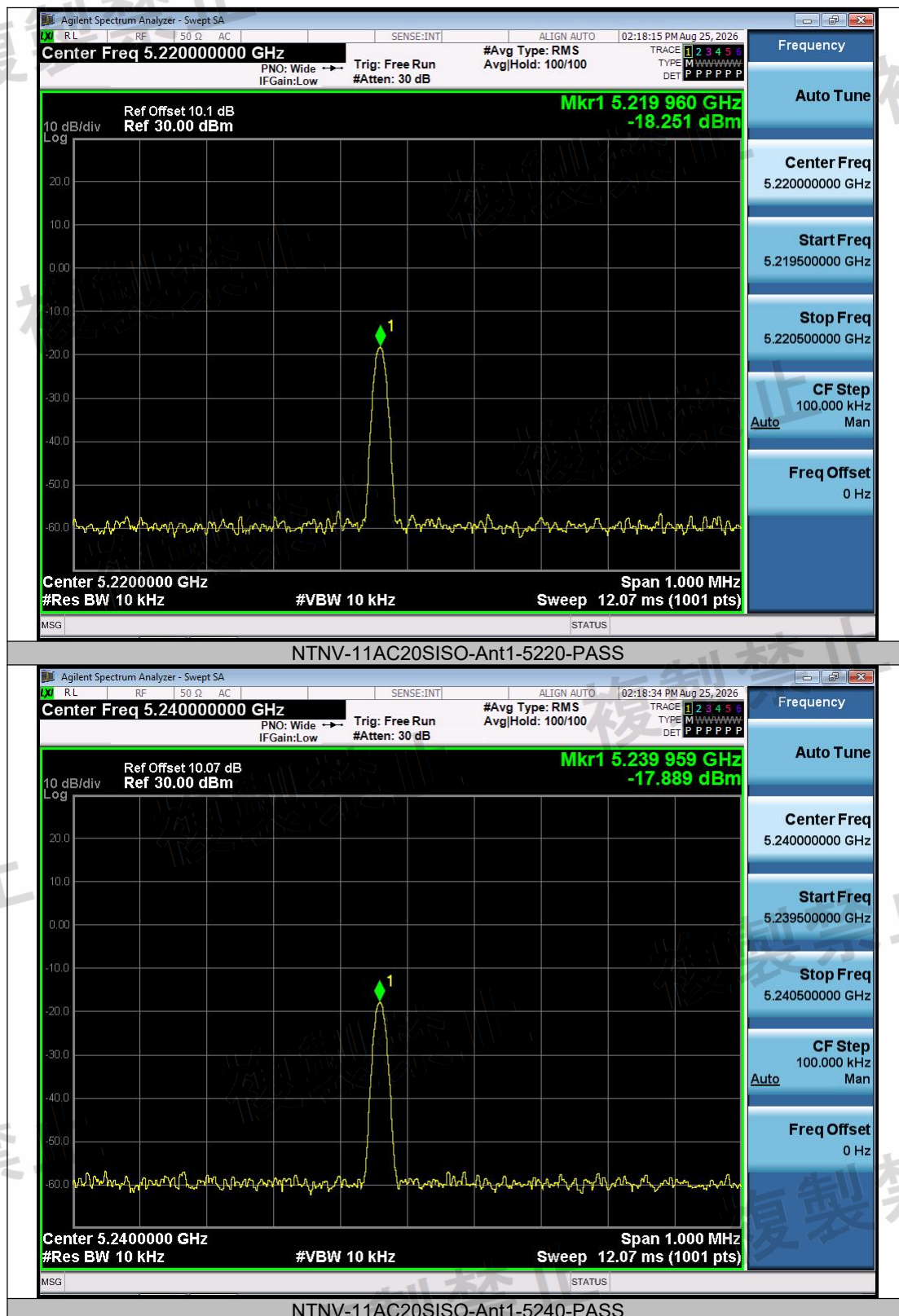


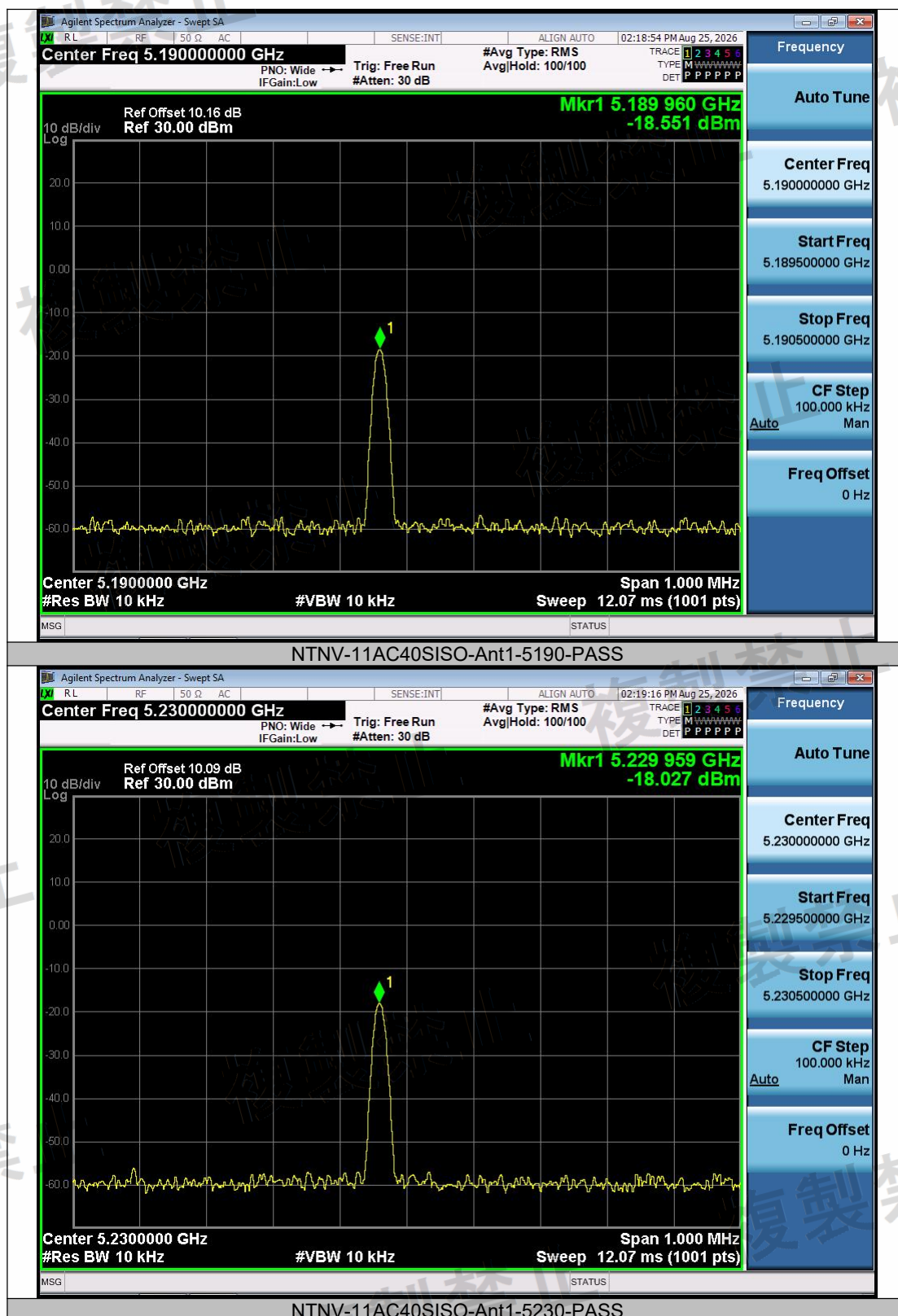


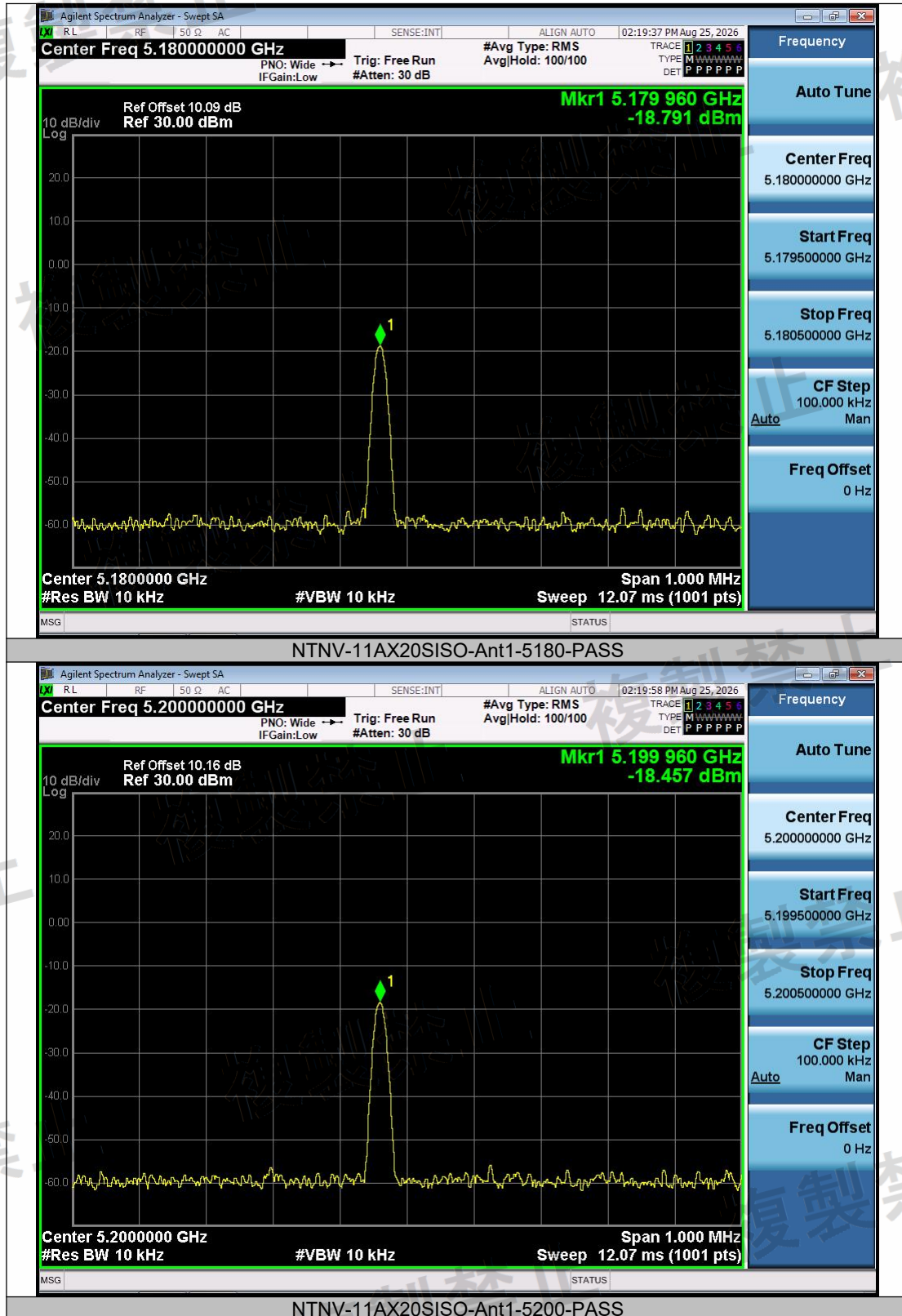


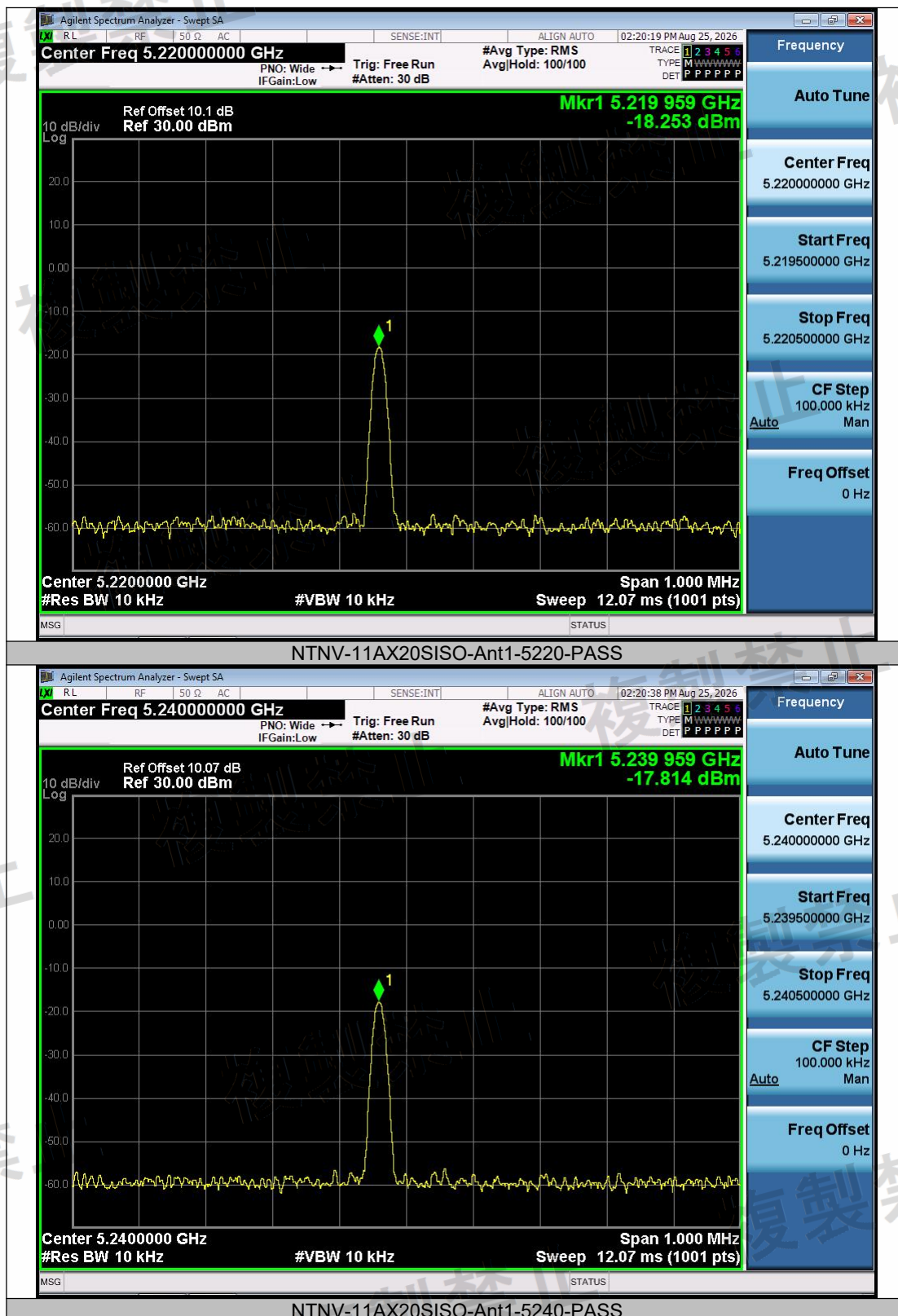


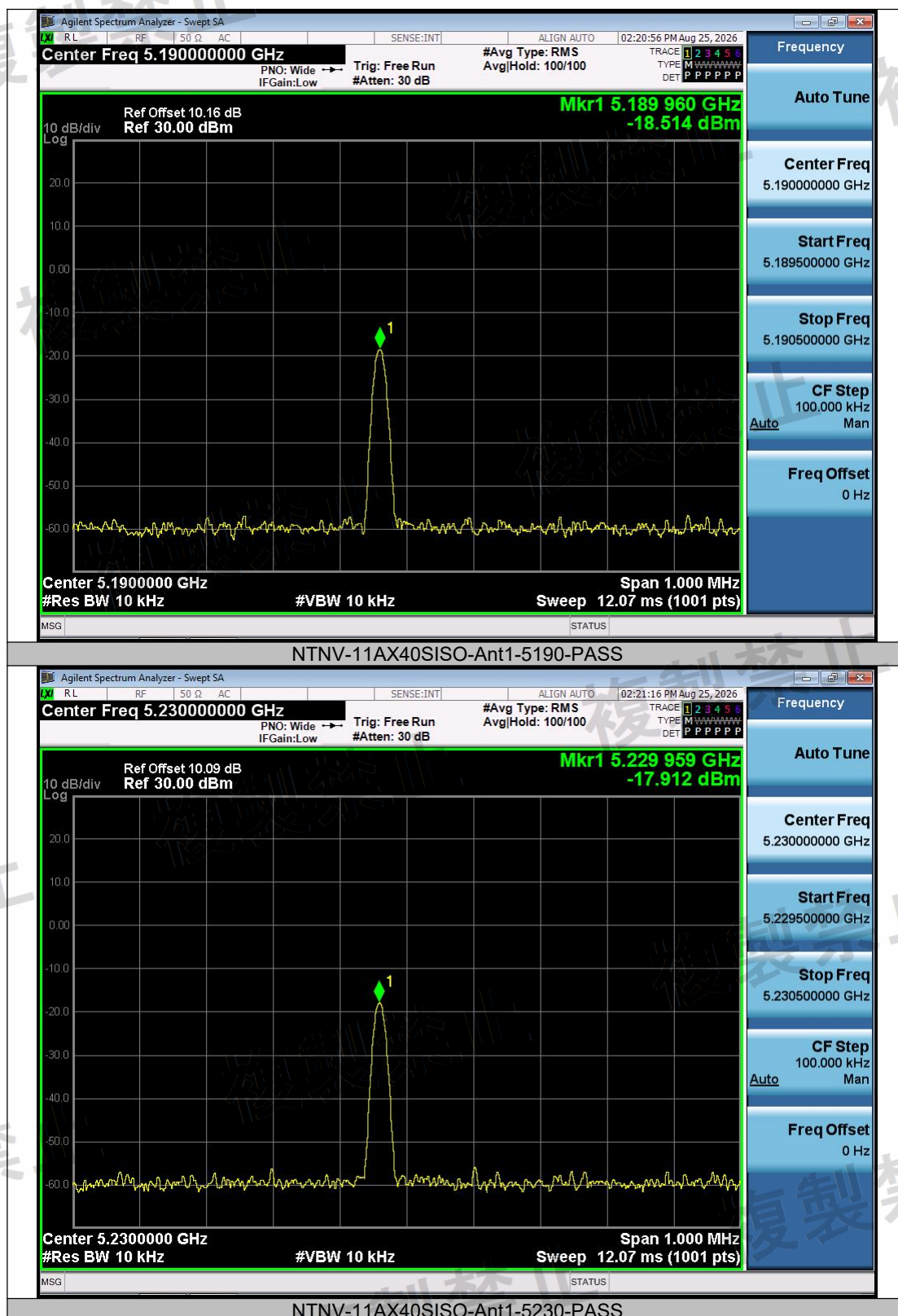












7.2. ANTENNA POWER AND E.I.R.P

7.2.1. Limit

Antenna power

ARIB STD-T71, Clause 3.1.2(2)(3)

W52 Band

approximately 20MHz bandwidth shell be 10mW/MHz(10dBm/MHz) or less

approximately 40MHz bandwidth shell be 5mW/MHz(7dBm/MHz) or less

approximately 80MHz bandwidth shell be 2.5mW/MHz(4dBm/MHz) or less

power tolerance between + 20% to - 80% power range that base on manufacturer

W53 Band

approximately 20MHz bandwidth shell be 10mW/MHz(10dBm/MHz) or less

approximately 40MHz bandwidth shell be 5mW/MHz(7dBm/MHz) or less

approximately 80MHz bandwidth shell be 2.5mW/MHz(4dBm/MHz) or less

power tolerance between + 20% to - 80% power range that base on manufacturer

W56 Band

approximately 20MHz bandwidth shell be 10mW/MHz(10dBm/MHz) or less

approximately 40MHz bandwidth shell be 5mW/MHz(7dBm/MHz) or less

approximately 80MHz bandwidth shell be 2.5mW/MHz(4dBm/MHz) or less

power tolerance between + 50% to - 50% power range that base on manufacturer

E.I.R.P

ARIB STD-T71, Clause 3.1.2(5)

W52 Band

approximately 20MHz bandwidth shell be 10mW/MHz(10dBm/MHz) or less

approximately 40MHz bandwidth shell be 5mW/MHz(7dBm/MHz) or less

approximately 80MHz bandwidth shell be 2.5mW/MHz(4dBm/MHz) or less

W53 Band

approximately 20MHz bandwidth with TPC shell be 10mW/MHz(10dBm/MHz) or less

approximately 20MHz bandwidth without TPC shell be 5mW/MHz(7dBm/MHz) or less

approximately 40MHz bandwidth with TPC shell be 5mW/MHz(7dBm/MHz) or less

approximately 40MHz bandwidth without TPC shell be 2.5mW/MHz(4dBm/MHz) or less

approximately 80MHz bandwidth shell be 2.5mW/MHz(4dBm/MHz) or less

approximately 160MHz bandwidth shell be 1.25mW/MHz(1dBm/MHz) or less

W56 Band

approximately 20MHz bandwidth with TPC shell be 50mW/MHz(17dBm/MHz) or less

approximately 20MHz bandwidth without TPC shell be 25mW/MHz(14dBm/MHz) or less

approximately 40MHz bandwidth with TPC shell be 25mW/MHz(14dBm/MHz) or less

approximately 40MHz bandwidth without TPC shell be 12.5mW/MHz(11dBm/MHz) or less

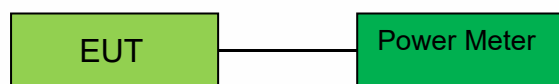
approximately 80MHz bandwidth shell be 12.5mW/MHz(11dBm/MHz) or less

approximately 160MHz bandwidth shell be 6.25mW/MHz(8dBm/MHz) or less

7.2.2. Test Procedure

Test Method for Radio Equipment mentioned in MIC Notice No.88 Annex45 Clause 6

7.2.3. Test Configuration



7.2.4. TEST RESULT

Temperature : 28.3℃
Humidity : 55 %

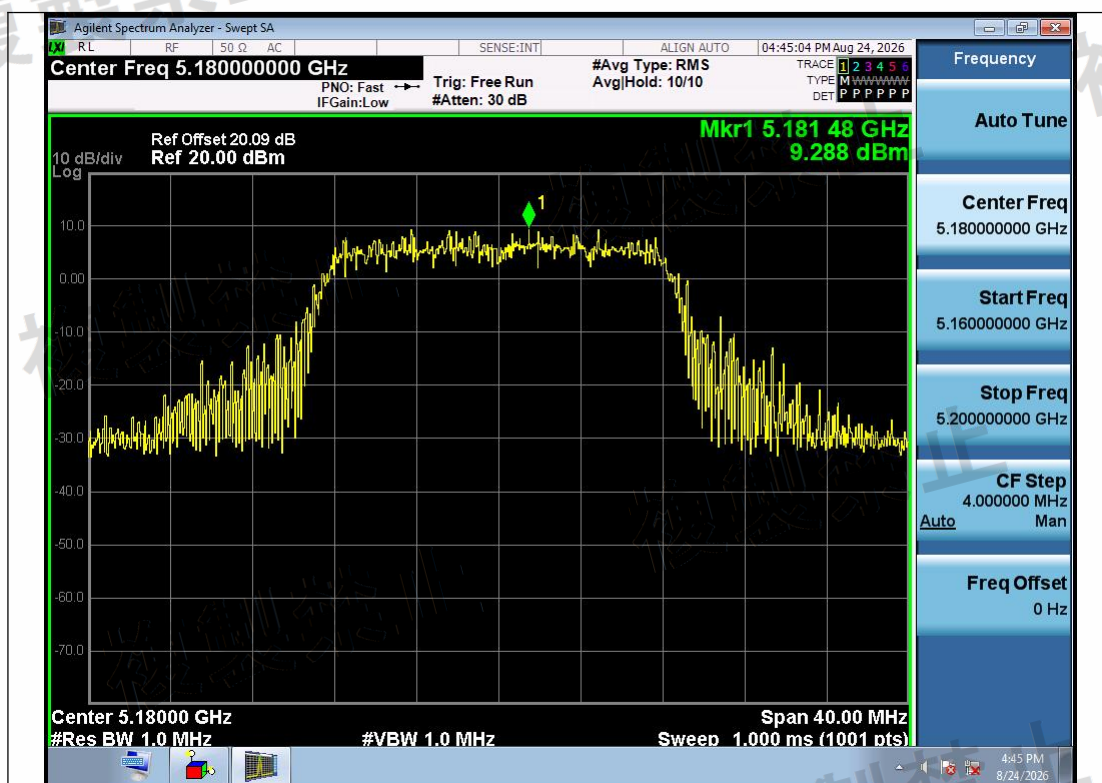
Test By: Huang YiYang
Test voltage: Normal voltage

TestCondition	TestMode	Antenna	Frequency [MHz]	Raw (dBm)	Dc Factor (dB)	Result (dBm/MHz)	Result (mW/MHz)	Limit (mW/MHz)	Verdict
NTNV	11A	Ant1	5180	2.55	0.00	2.55	1.7989	≤10	PASS
NTNV	11A	Ant1	5200	2.15	0.00	2.15	1.6406	≤10	PASS
NTNV	11A	Ant1	5220	2.64	0.00	2.64	1.8365	≤10	PASS
NTNV	11A	Ant1	5240	3.60	0.00	3.60	2.2909	≤10	PASS
NTNV	11N20SISO	Ant1	5180	2.05	0.00	2.05	1.6032	≤10	PASS
NTNV	11N20SISO	Ant1	5200	2.49	0.00	2.49	1.7742	≤10	PASS
NTNV	11N20SISO	Ant1	5220	2.62	0.00	2.62	1.8281	≤10	PASS
NTNV	11N20SISO	Ant1	5240	2.83	0.00	2.83	1.9187	≤10	PASS
NTNV	11N40SISO	Ant1	5190	-0.53	0.00	-0.53	0.8851	≤5	PASS
NTNV	11N40SISO	Ant1	5230	-0.53	0.00	-0.53	0.8851	≤5	PASS
NTNV	11AC20SISO	Ant1	5180	1.55	0.00	1.55	1.4289	≤10	PASS
NTNV	11AC20SISO	Ant1	5200	2.06	0.00	2.06	1.6069	≤10	PASS
NTNV	11AC20SISO	Ant1	5220	2.42	0.00	2.42	1.7458	≤10	PASS
NTNV	11AC20SISO	Ant1	5240	2.25	0.00	2.25	1.6788	≤10	PASS
NTNV	11AC40SISO	Ant1	5190	-1.02	0.00	-1.02	0.7907	≤5	PASS
NTNV	11AC40SISO	Ant1	5230	-0.23	0.00	-0.23	0.9484	≤5	PASS
NTNV	11AX20SISO	Ant1	5180	1.00	0.00	1.00	1.2589	≤10	PASS
NTNV	11AX20SISO	Ant1	5200	1.96	0.00	1.96	1.5704	≤10	PASS
NTNV	11AX20SISO	Ant1	5220	1.92	0.00	1.92	1.5560	≤10	PASS
NTNV	11AX20SISO	Ant1	5240	2.65	0.00	2.65	1.8408	≤10	PASS
NTNV	11AX40SISO	Ant1	5190	-1.01	0.00	-1.01	0.7925	≤5	PASS
NTNV	11AX40SISO	Ant1	5230	-0.28	0.00	-0.28	0.9376	≤5	PASS

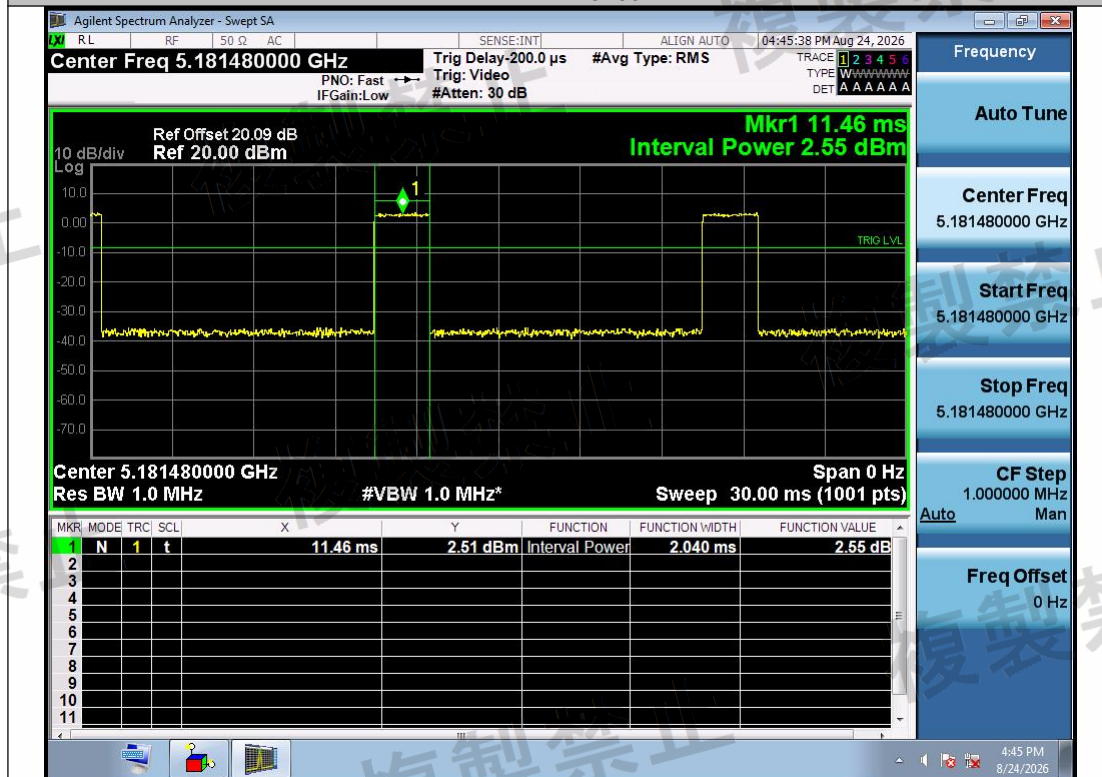
TestCondition	TestMode	Antenna	Frequency[MHz]	Result (mW)	EIRP (mW/MHz)	Limit (mW/MHz)	Verdict
NTNV	11A	Ant1	5180	1.7989	4.4566	≤10	PASS
NTNV	11A	Ant1	5200	1.6406	4.0644	≤10	PASS
NTNV	11A	Ant1	5220	1.8365	4.5499	≤10	PASS
NTNV	11A	Ant1	5240	2.2909	5.6754	≤10	PASS
NTNV	11N20SISO	Ant1	5180	1.6032	3.9719	≤10	PASS
NTNV	11N20SISO	Ant1	5200	1.7742	4.3954	≤10	PASS
NTNV	11N20SISO	Ant1	5220	1.8281	4.5290	≤10	PASS
NTNV	11N20SISO	Ant1	5240	1.9187	4.7534	≤10	PASS
NTNV	11N40SISO	Ant1	5190	0.8851	2.1928	≤5	PASS
NTNV	11N40SISO	Ant1	5230	0.8851	2.1928	≤5	PASS
NTNV	11AC20SISO	Ant1	5180	1.4289	3.5400	≤10	PASS
NTNV	11AC20SISO	Ant1	5200	1.6069	3.9811	≤10	PASS
NTNV	11AC20SISO	Ant1	5220	1.7458	4.3251	≤10	PASS
NTNV	11AC20SISO	Ant1	5240	1.6788	4.1591	≤10	PASS
NTNV	11AC40SISO	Ant1	5190	0.7907	1.9588	≤5	PASS
NTNV	11AC40SISO	Ant1	5230	0.9484	2.3496	≤5	PASS
NTNV	11AX20SISO	Ant1	5180	1.2589	3.1189	≤10	PASS
NTNV	11AX20SISO	Ant1	5200	1.5704	3.8905	≤10	PASS
NTNV	11AX20SISO	Ant1	5220	1.5560	3.8548	≤10	PASS
NTNV	11AX20SISO	Ant1	5240	1.8408	4.5604	≤10	PASS
NTNV	11AX40SISO	Ant1	5190	0.7925	1.9634	≤5	PASS
NTNV	11AX40SISO	Ant1	5230	0.9376	2.3227	≤5	PASS

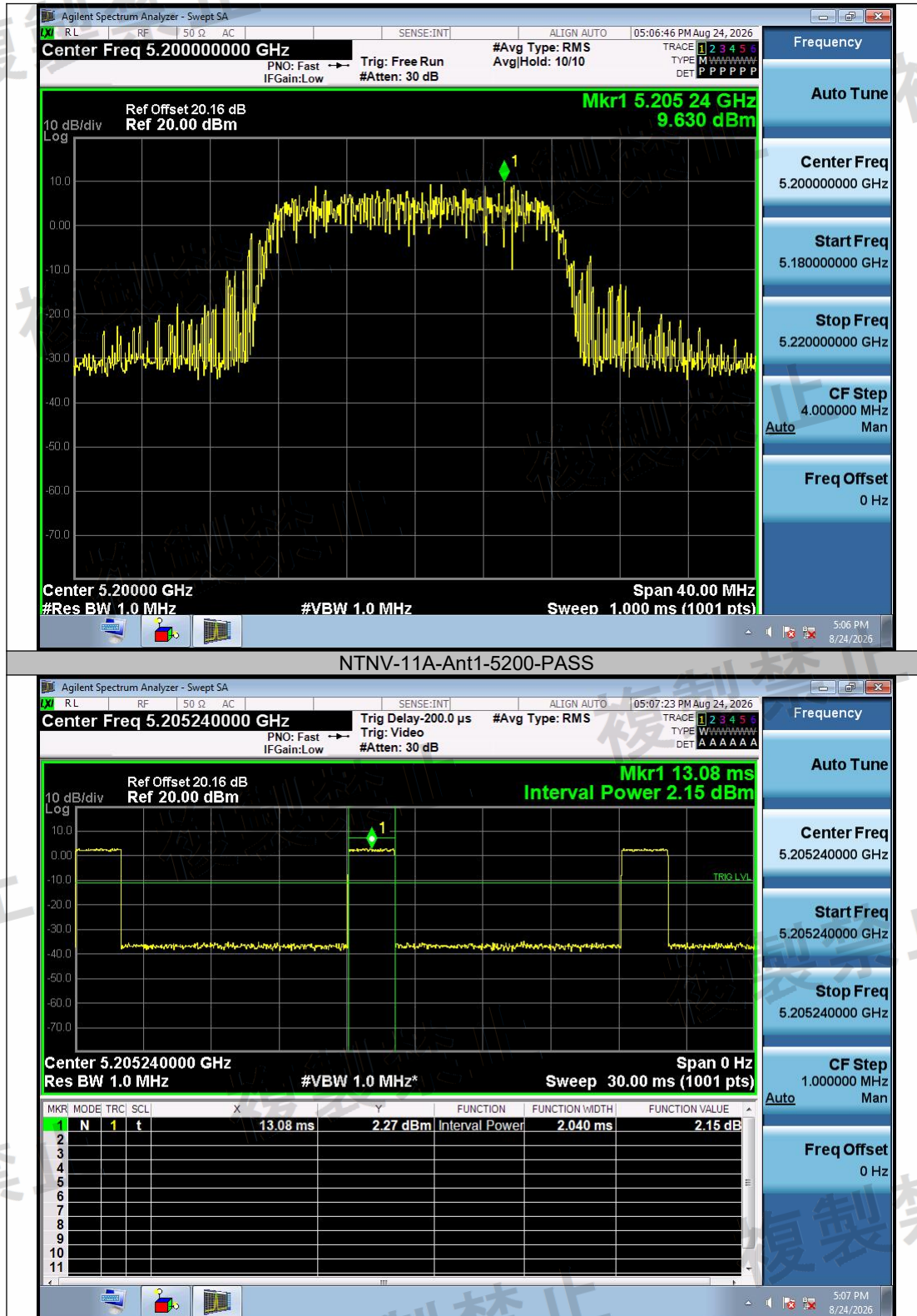
Test Condition	Test Mode	Antenna	Frequency[MHz]	Power (mW/MHz)	RatedPower (mW/MHz)	Result (%)	Limit (%)	Verdict
NTNV	11A	Ant1	5180	1.7989	5	-64.02	-80 to +20	PASS
NTNV	11A	Ant1	5200	1.6406	5	-67.19	-80 to +20	PASS
NTNV	11A	Ant1	5220	1.8365	5	-63.27	-80 to +20	PASS
NTNV	11A	Ant1	5240	2.2909	5	-54.18	-80 to +20	PASS
NTNV	11N20SISO	Ant1	5180	1.6032	5	-67.94	-80 to +20	PASS
NTNV	11N20SISO	Ant1	5200	1.7742	5	-64.52	-80 to +20	PASS
NTNV	11N20SISO	Ant1	5220	1.8281	5	-63.44	-80 to +20	PASS
NTNV	11N20SISO	Ant1	5240	1.9187	5	-61.63	-80 to +20	PASS
NTNV	11N40SISO	Ant1	5190	0.8851	3	-70.50	-80 to +20	PASS
NTNV	11N40SISO	Ant1	5230	0.8851	3	-70.50	-80 to +20	PASS
NTNV	11AC20SISO	Ant1	5180	1.4289	5	-71.42	-80 to +20	PASS
NTNV	11AC20SISO	Ant1	5200	1.6069	5	-67.86	-80 to +20	PASS
NTNV	11AC20SISO	Ant1	5220	1.7458	5	-65.08	-80 to +20	PASS
NTNV	11AC20SISO	Ant1	5240	1.6788	5	-66.42	-80 to +20	PASS

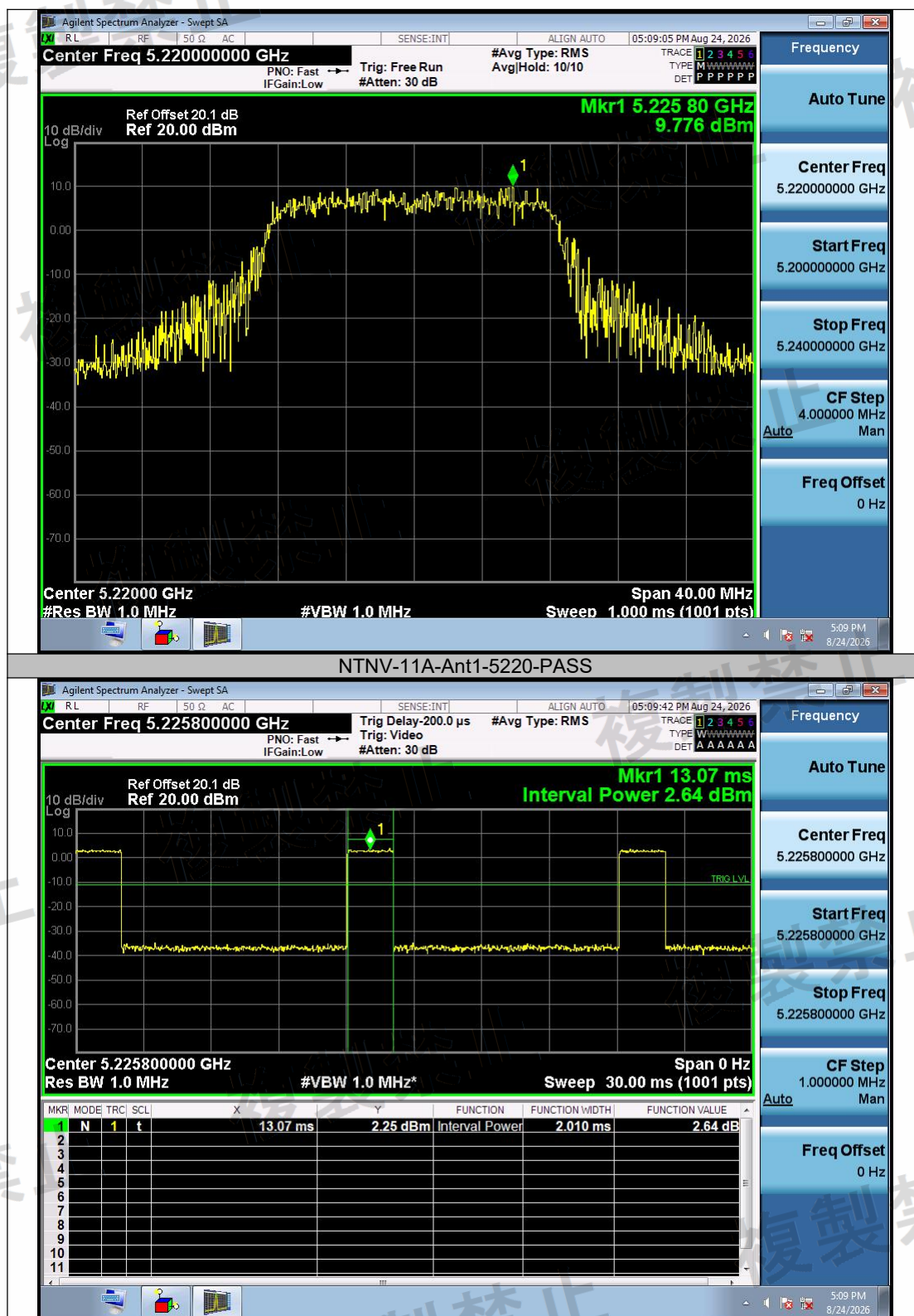
NTNV	11AC40SISO	Ant1	5190	0.7907	3	-73.64	-80 to +20	PASS
NTNV	11AC40SISO	Ant1	5230	0.9484	3	-68.39	-80 to +20	PASS
NTNV	11AX20SISO	Ant1	5180	1.2589	5	-74.82	-80 to +20	PASS
NTNV	11AX20SISO	Ant1	5200	1.5704	5	-68.59	-80 to +20	PASS
NTNV	11AX20SISO	Ant1	5220	1.5560	5	-68.88	-80 to +20	PASS
NTNV	11AX20SISO	Ant1	5240	1.8408	5	-63.18	-80 to +20	PASS
NTNV	11AX40SISO	Ant1	5190	0.7925	3	-73.58	-80 to +20	PASS
NTNV	11AX40SISO	Ant1	5230	0.9376	3	-68.75	-80 to +20	PASS

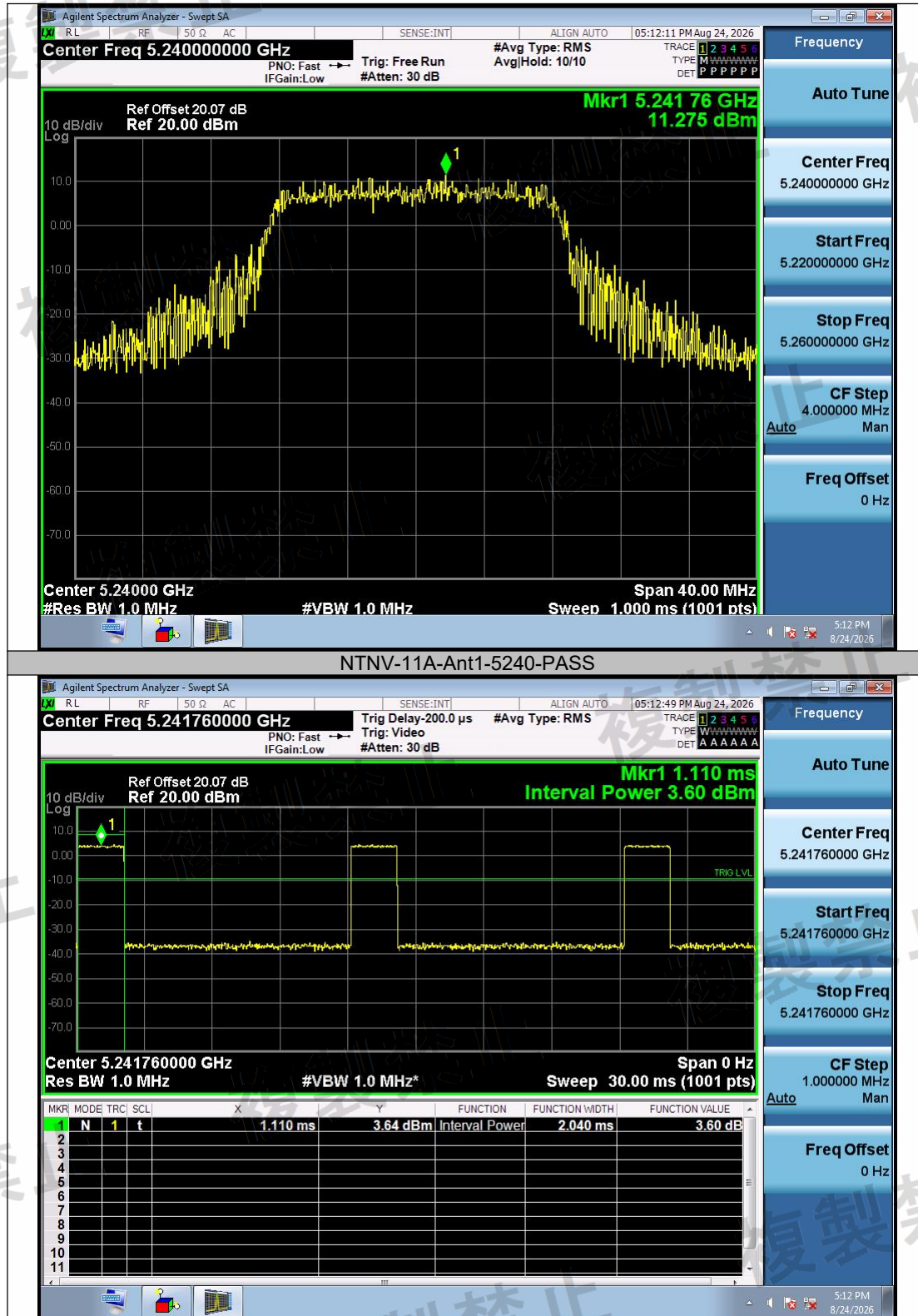


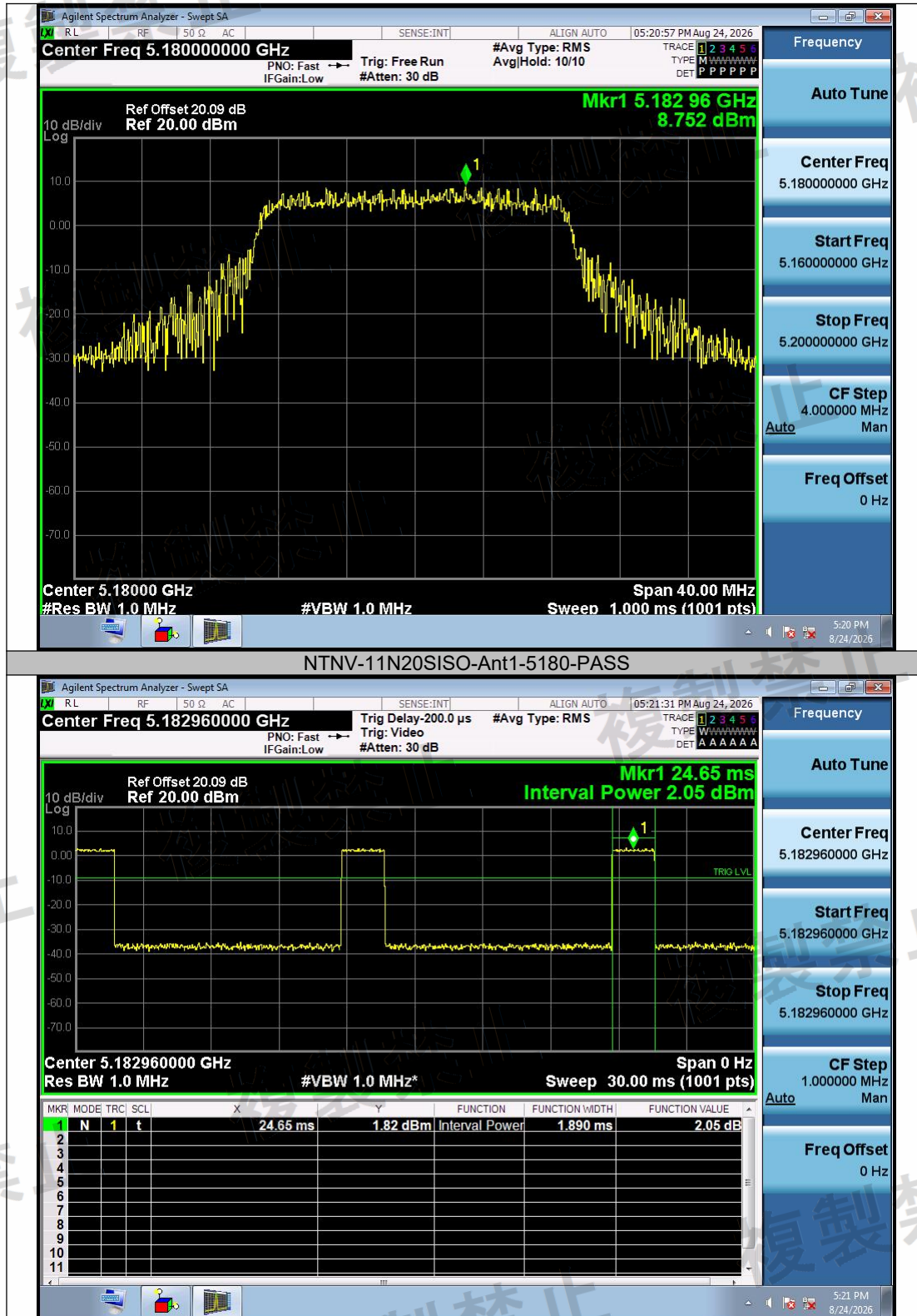
NTNV-11A-Ant1-5180-PASS

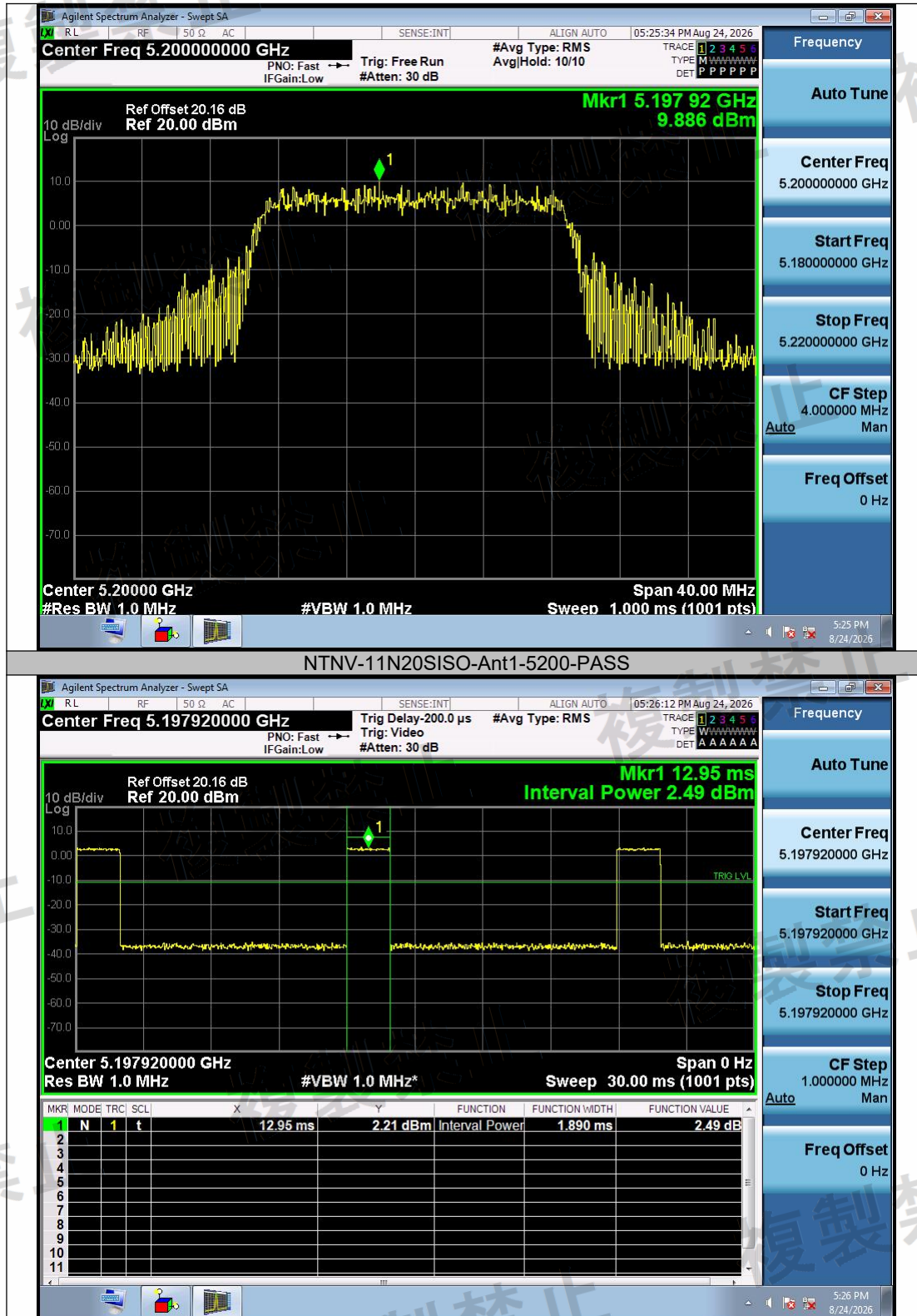


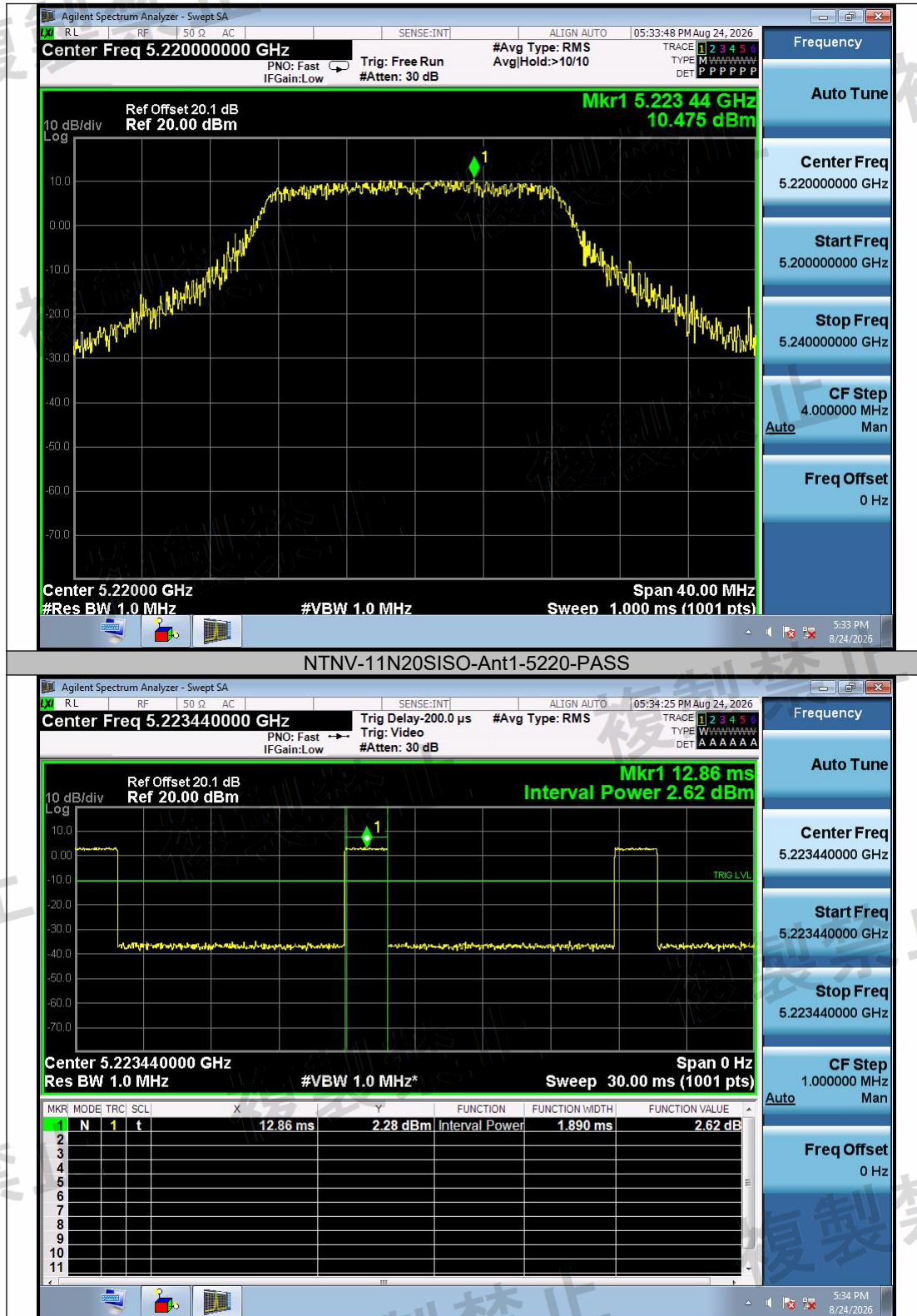


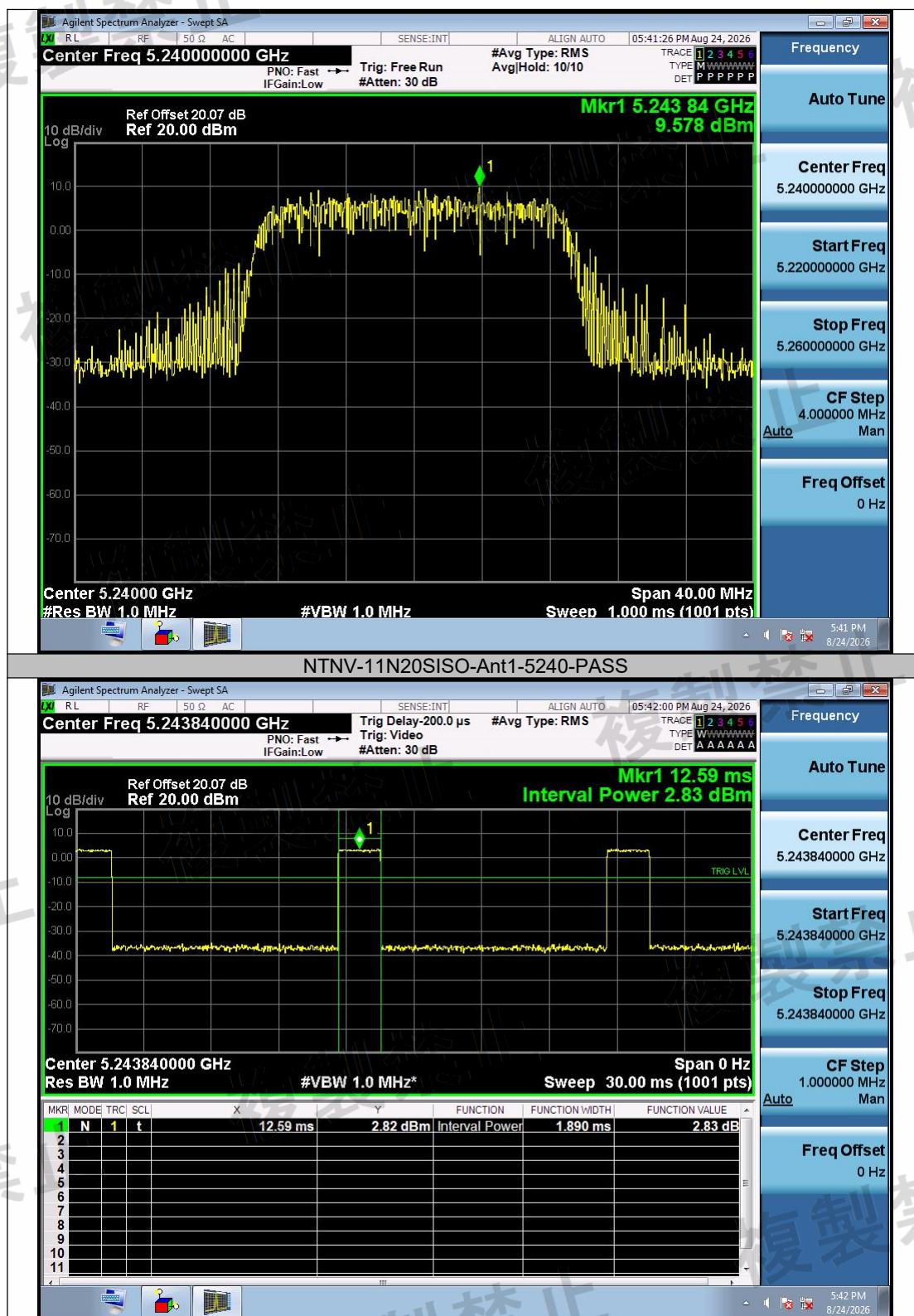


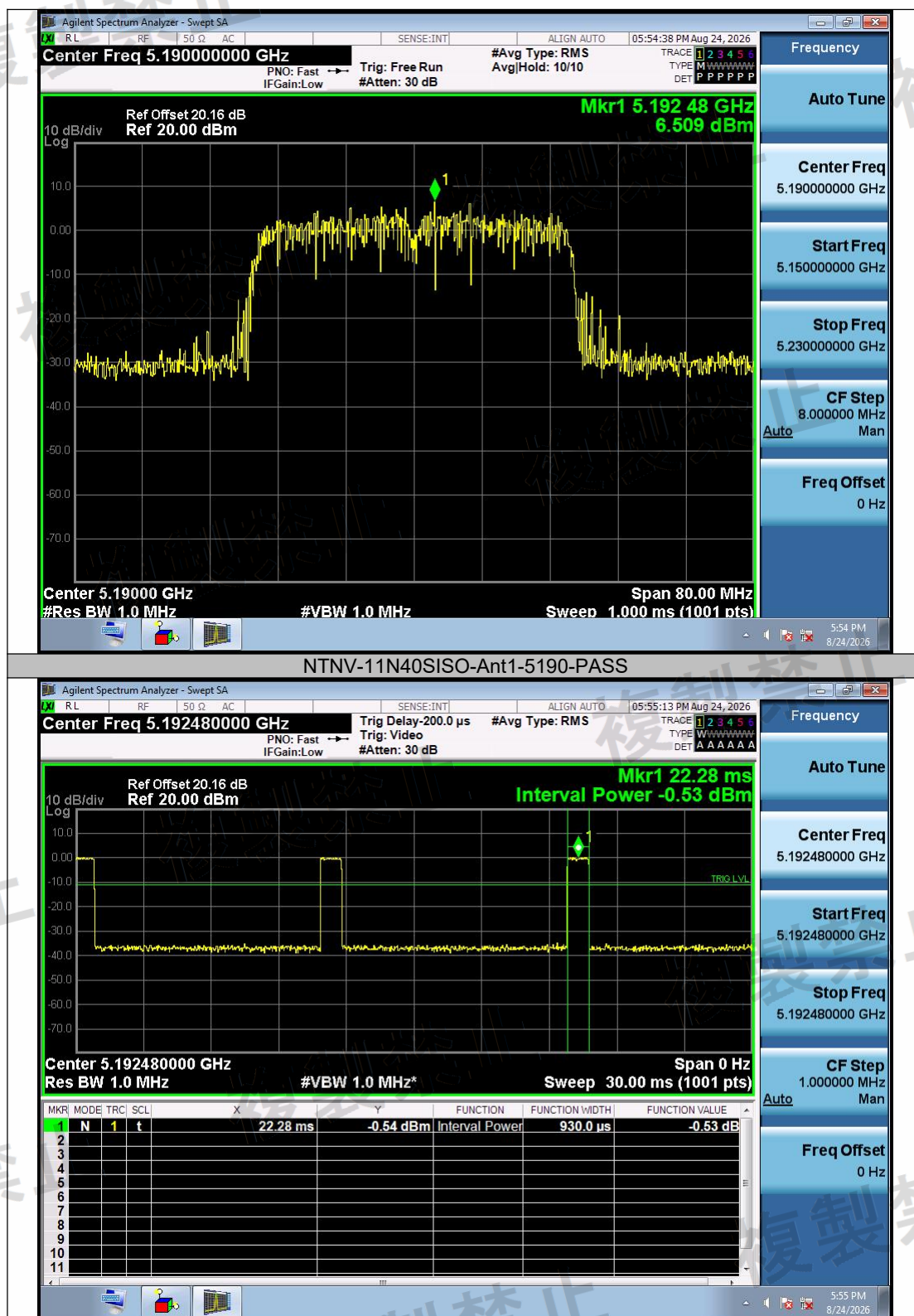




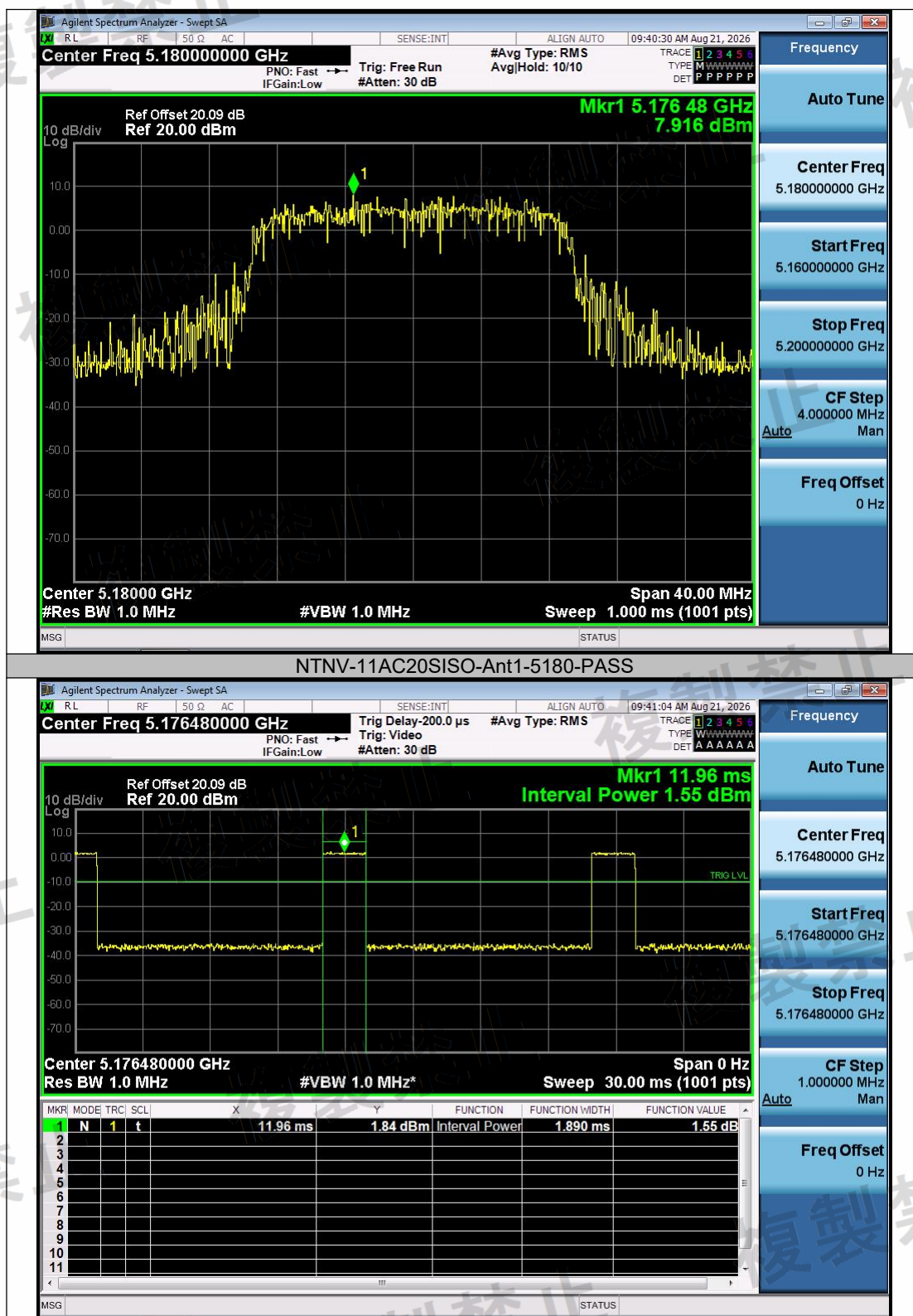


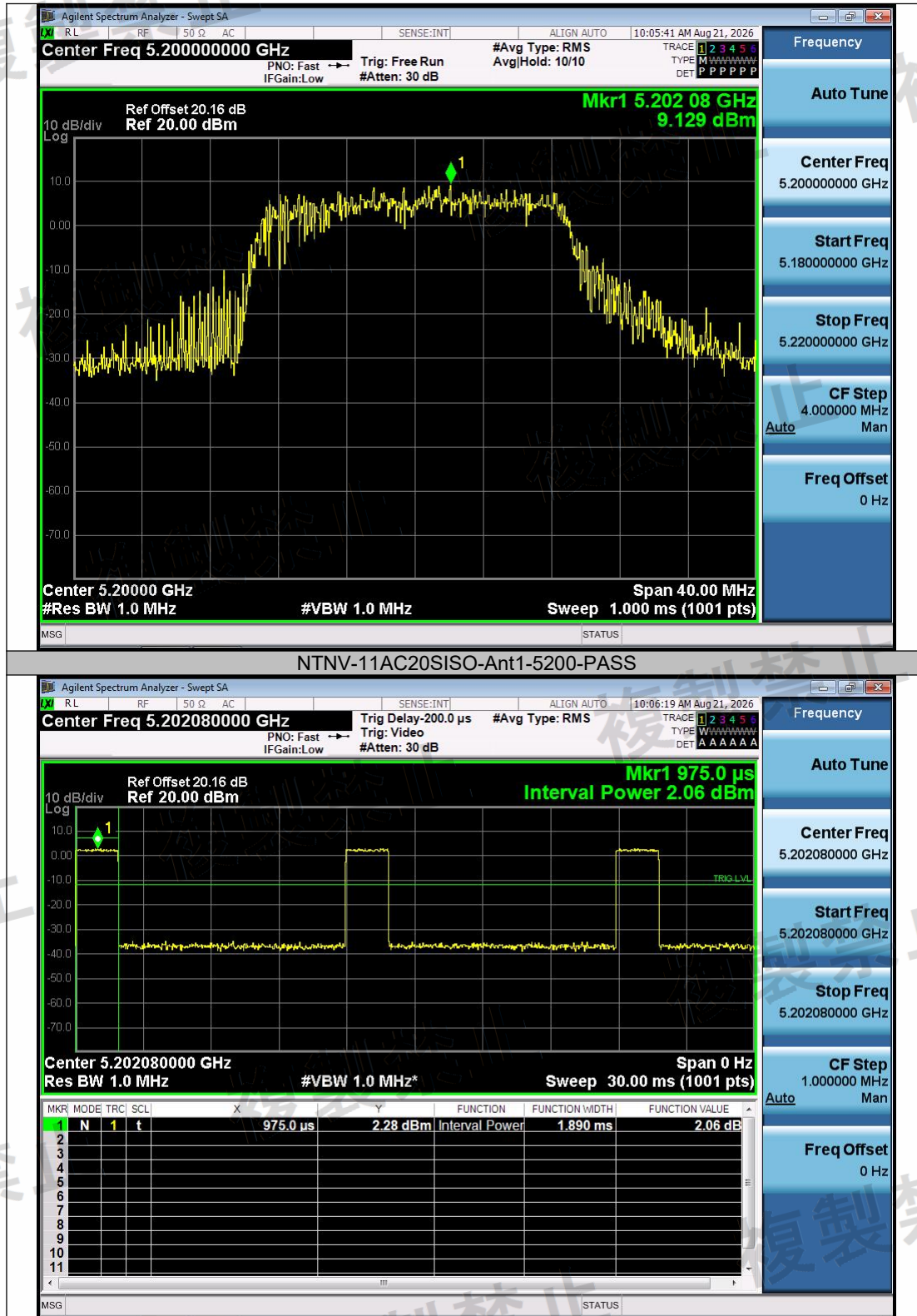




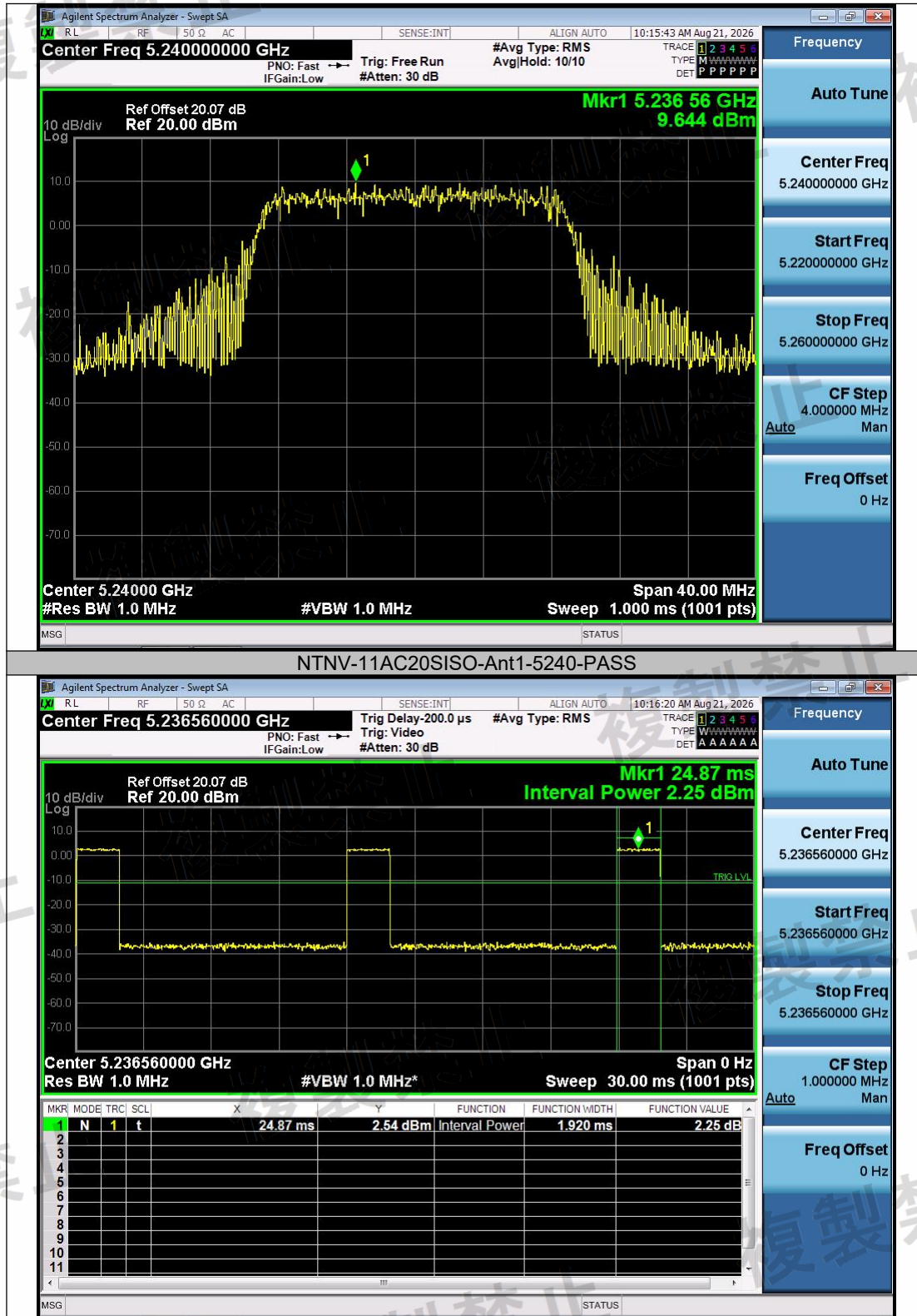


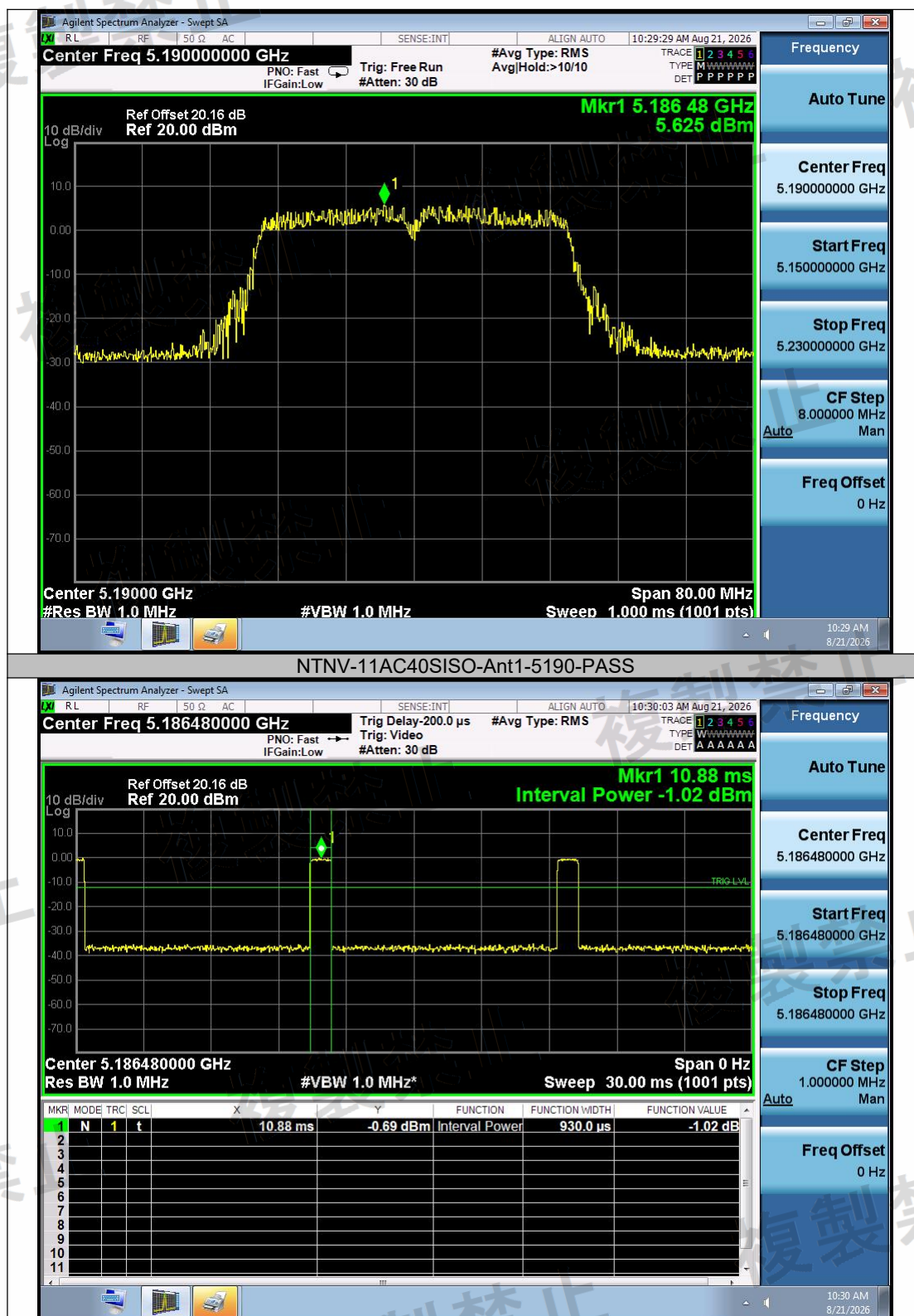


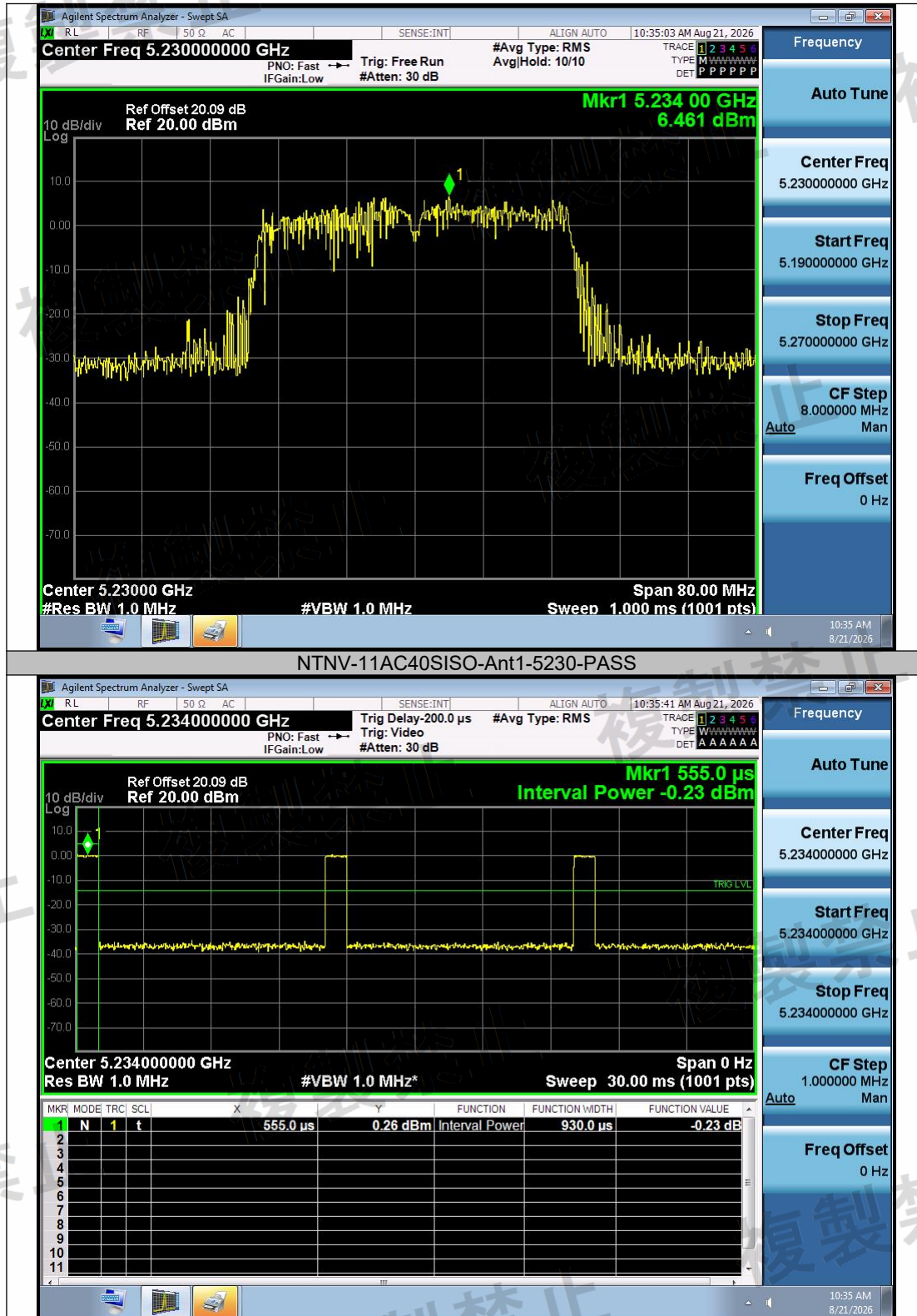


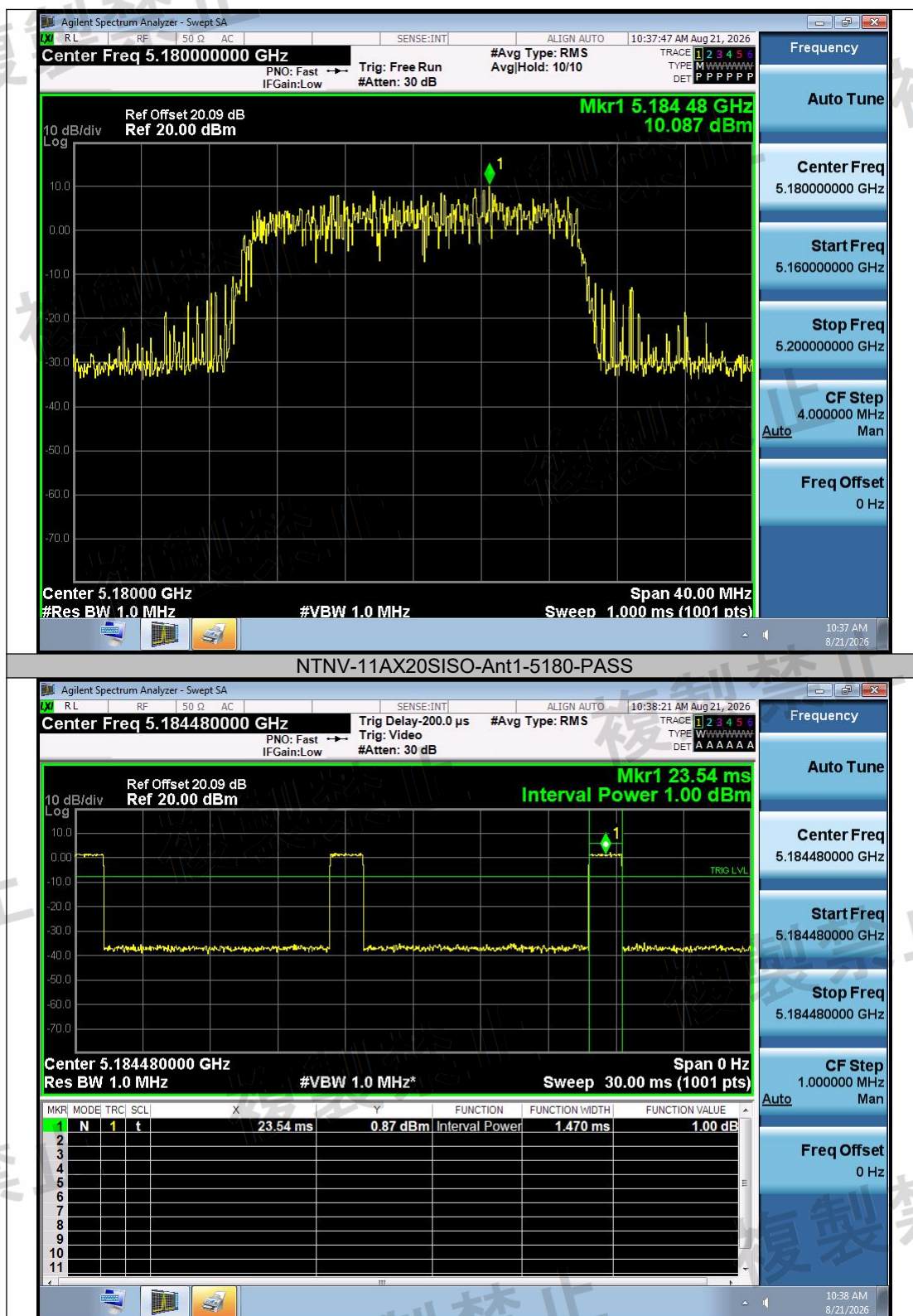


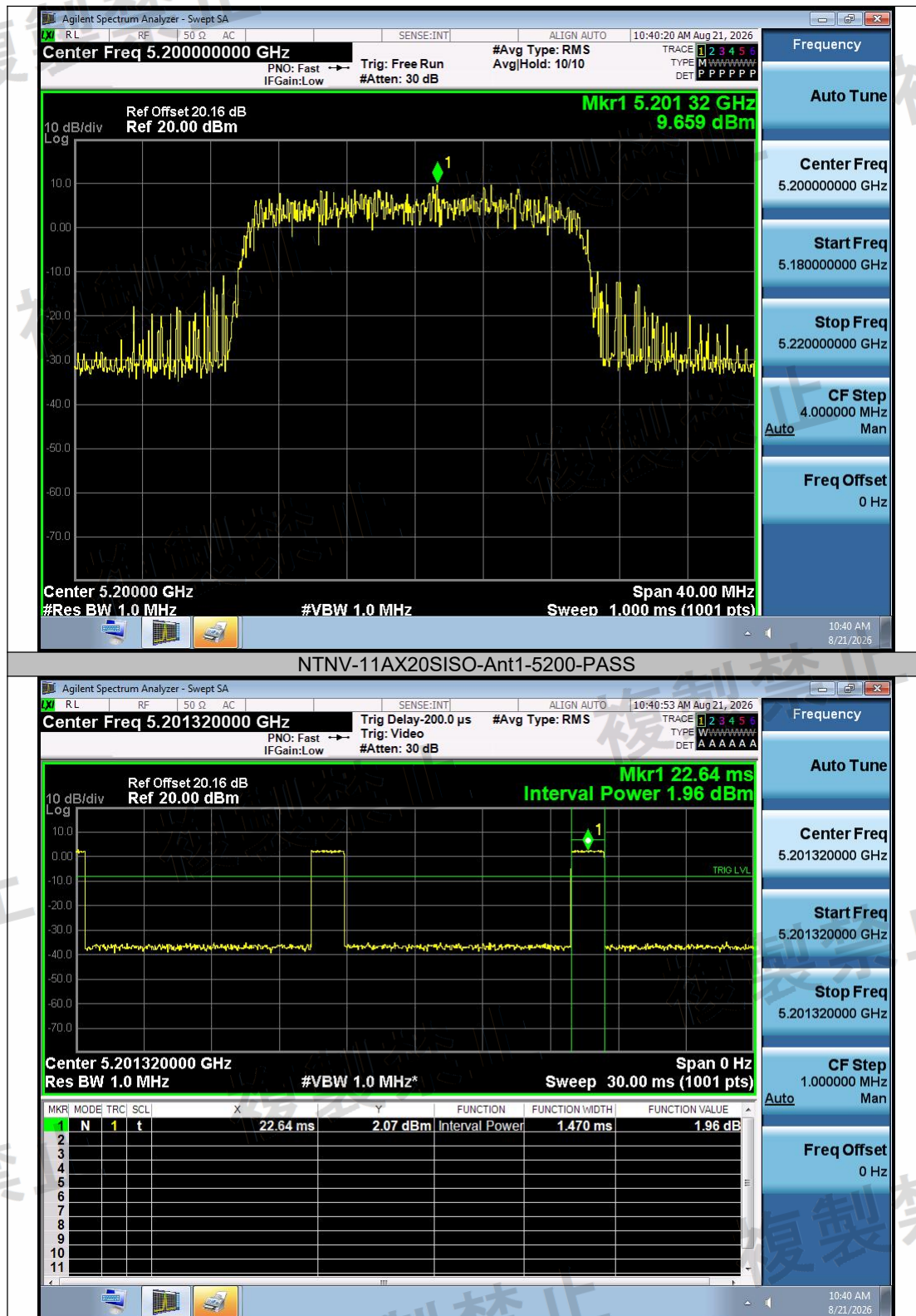


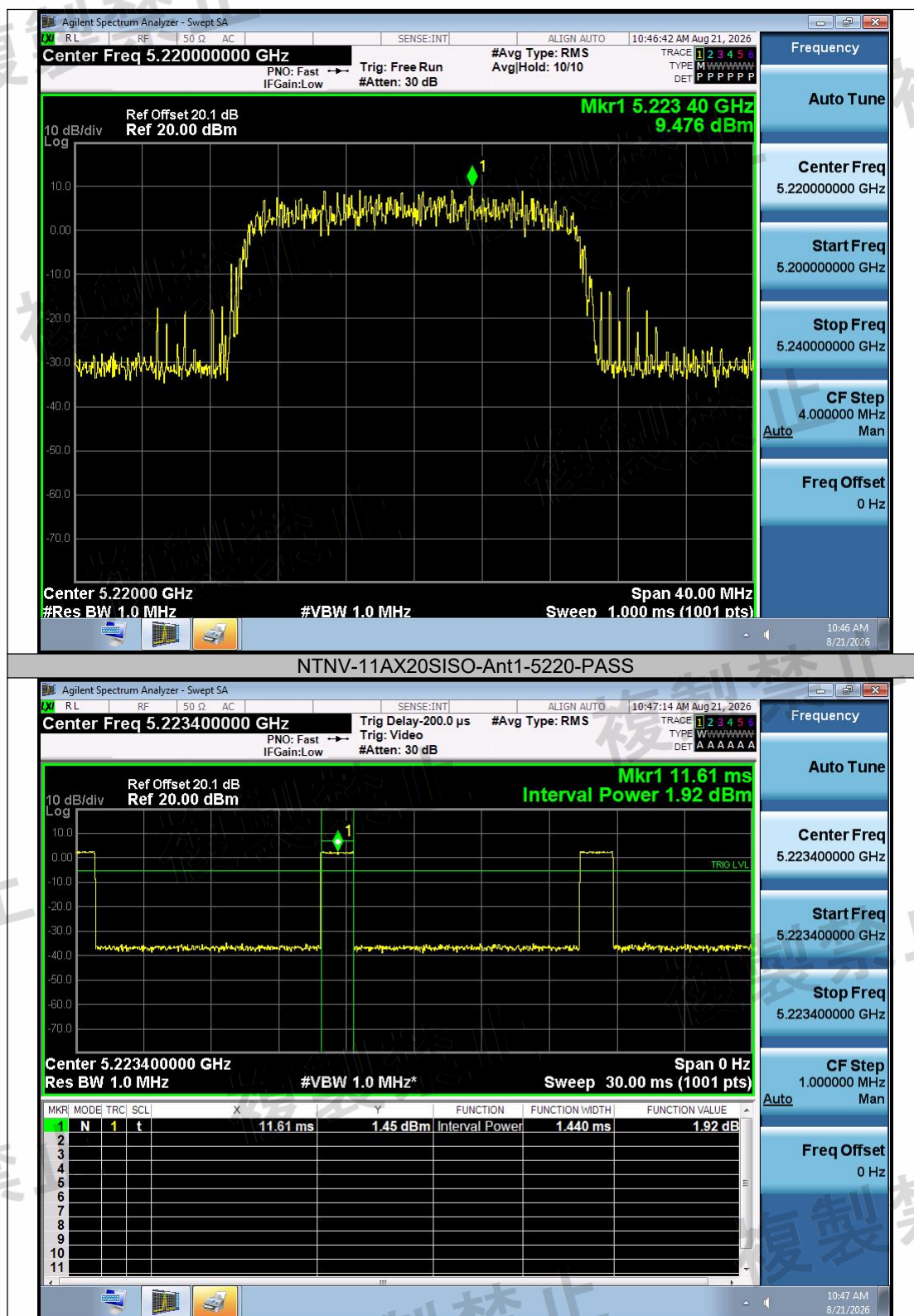


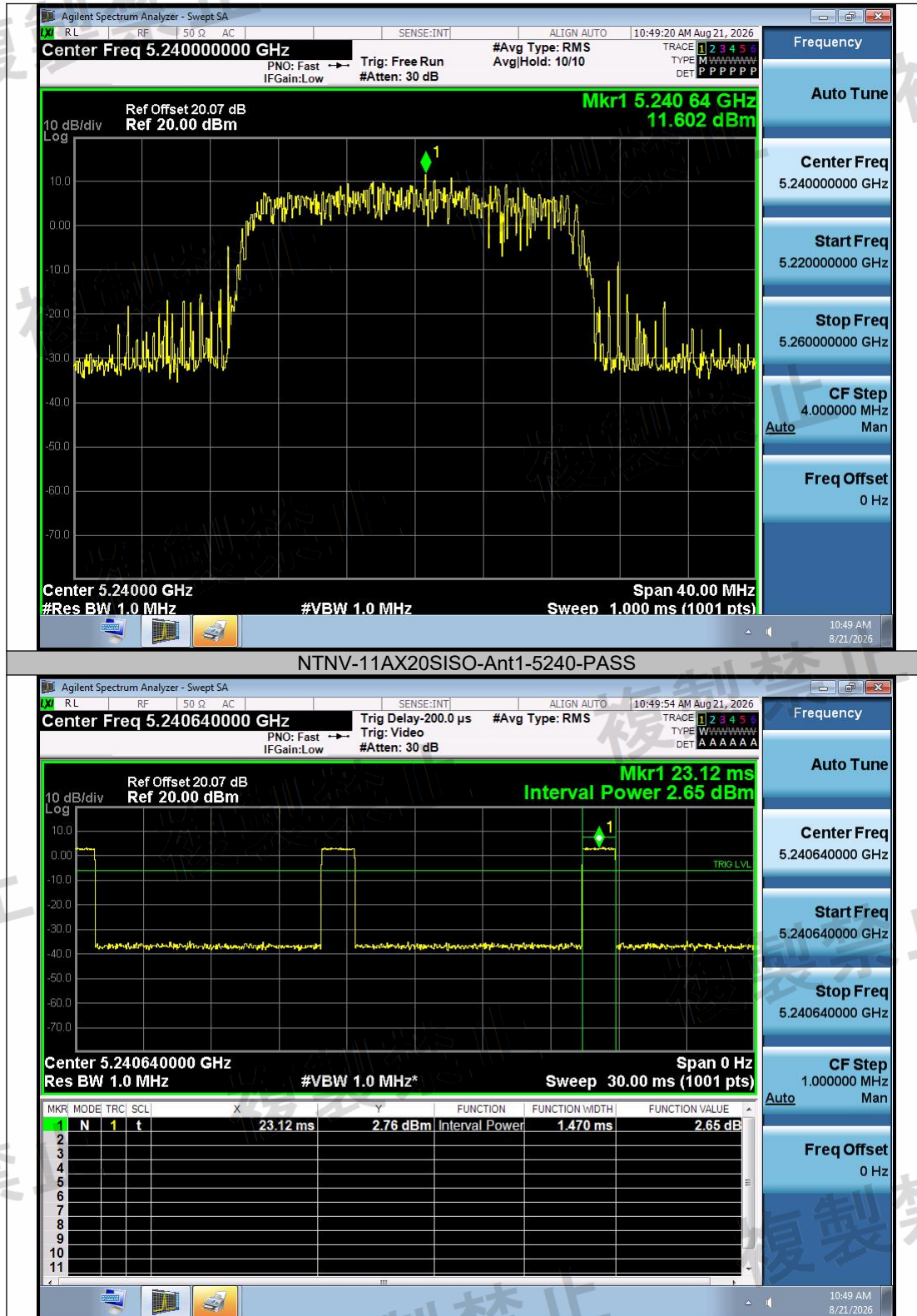


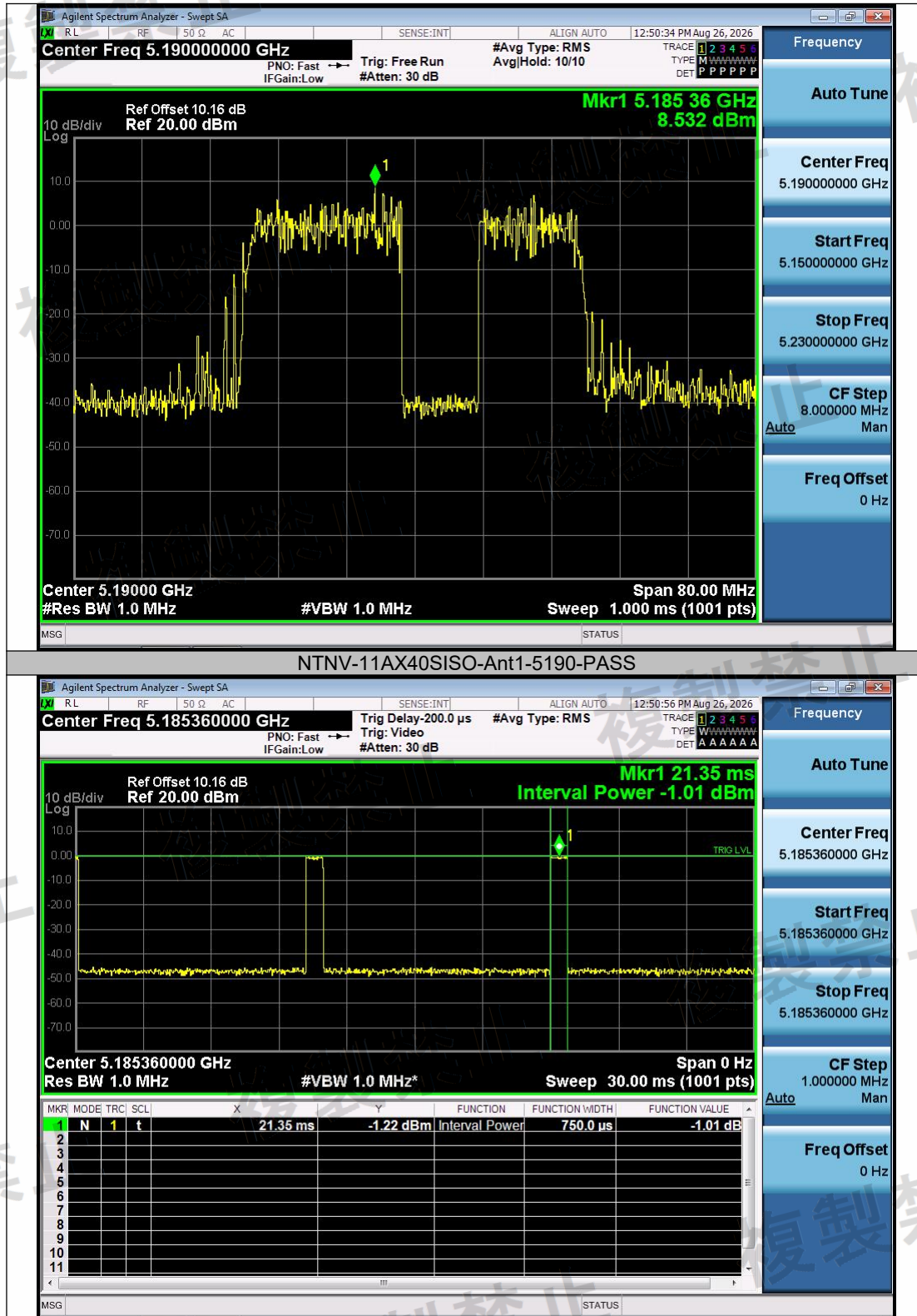


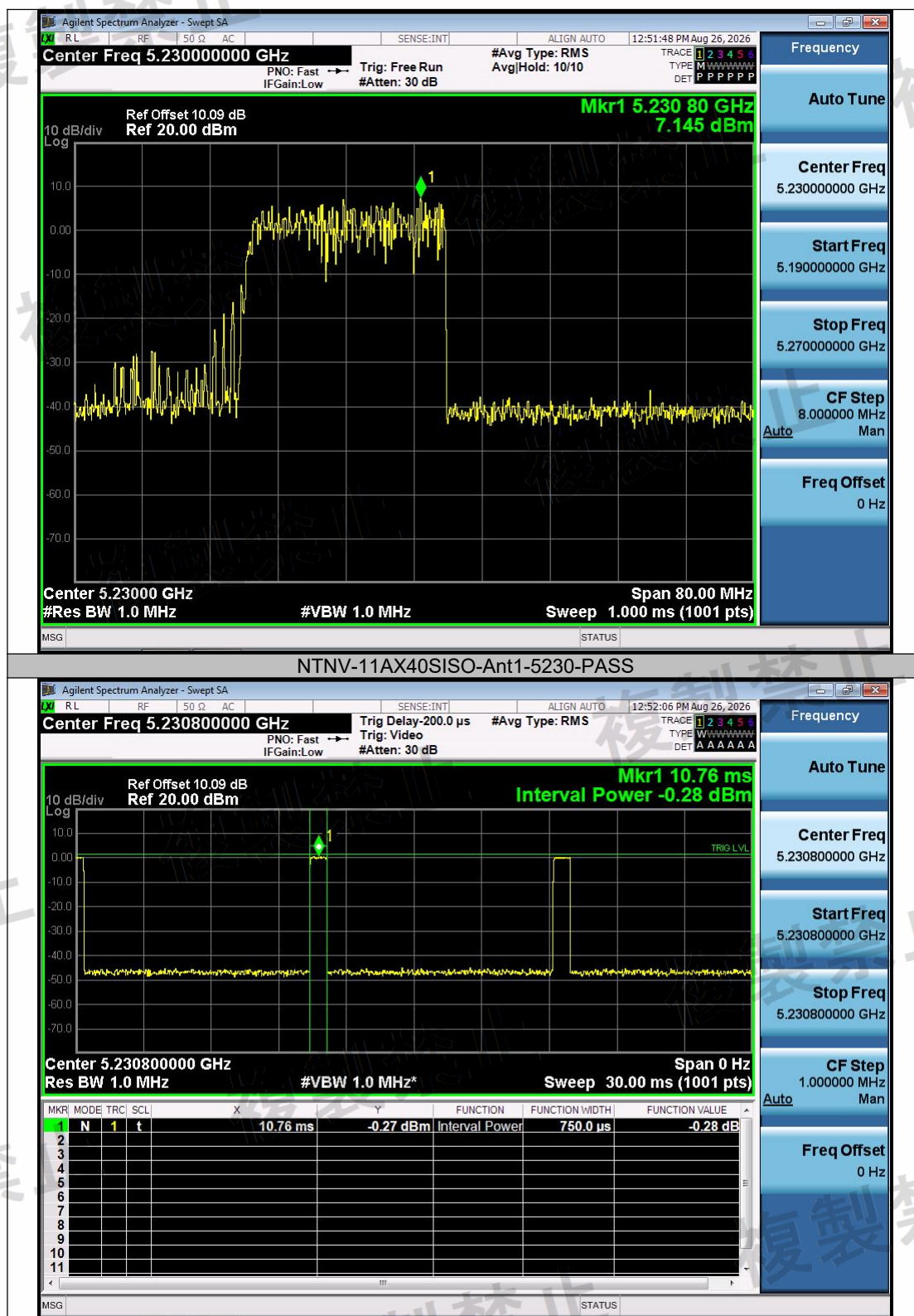












7.3. SPURIOUS EMISSIONS OF Tx

7.3.1. Limit

ARIB STD-T71, Clause 3.1.2 (8)

Item	Limit
Spurious Emission of Tx	W52:
	Bandwidth $\leq 18\text{MHz}$
	30MHz ~ 5142MHz : $\leq 2.5 \mu\text{W/MHz}$
	5142MHz ~ 5150MHz : $\leq 15 \mu\text{W/MHz}$
	5250MHz ~ 5251MHz : $\leq 10^{-1-(f-5240 -9)} \text{ mW/MHz}$
	5251MHz ~ 5260MHz : $\leq 10^{-1-(8/90)(f-5240 -11)} \text{ mW/MHz}$
	5260MHz ~ 5266.7MHz : $\leq 10^{-1.8-(6/50)(f-5240 -20)} \text{ mW/MHz}$
	5266.7MHz ~ 26GHz : $\leq 2.5 \mu\text{W/MHz}$
	18MHz < Bandwidth $\leq 20\text{MHz}$
	30MHz ~ 5142MHz : $\leq 2.5 \mu\text{W/MHz}$
	5142MHz ~ 5150MHz : $\leq 15 \mu\text{W/MHz}$
	5250MHz ~ 5250.2MHz : $\leq 10^{-1-(8/3)(f-5240 -9.75)} \text{ mW/MHz}$
	5250.2MHz ~ 5251MHz : $\leq 10^{-1-(f-5240 -9)} \text{ mW/MHz}$
	5251MHz ~ 5260MHz : $\leq 10^{-1-(8/90)(f-5240 -11)} \text{ mW/MHz}$
	5260MHz ~ 5266.7MHz : $\leq 10^{-1.8-(6/50)(f-5240 -20)} \text{ mW/MHz}$
	5266.7MHz ~ 26GHz : $\leq 2.5 \mu\text{W/MHz}$
	Bandwidth $\leq 40\text{MHz}$
	30MHz ~ 5141.6MHz : $\leq 2.5 \mu\text{W/MHz}$
	5141.6MHz ~ 5150MHz : $\leq 15 \mu\text{W/MHz}$
	5250MHz ~ 5251MHz : $\leq 10^{-(f-5230 -20)+\text{Log}(1/2)} \text{ mW/MHz}$
	5251MHz ~ 5270MHz : $\leq 10^{-(8/190)(f-5230 -21)-1+\text{Log}(1/2)} \text{ mW/MHz}$
	5270MHz ~ 5278.4MHz : $\leq 10^{-(3/50)(f-5230 -40)-1.8+\text{Log}(1/2)} \text{ mW/MHz}$
	5278.4MHz ~ 26G Hz : $\leq 2.5 \mu\text{W/MHz}$
	Bandwidth $\leq 80\text{MHz}$
	30MHz ~ 5123.2MHz : $\leq 2.5 \mu\text{W/MHz}$
	5123.2MHz ~ 5150MHz : $\leq 15 \mu\text{W/MHz}$
	5250MHz ~ 5251MHz : $\leq 10^{-(f-5210 -40)+\text{Log}(1/4)} \text{ mW/MHz}$
	5251MHz ~ 5290MHz : $\leq 10^{-(8/390)(f-5210 -41)-1+\text{Log}(1/4)} \text{ mW/MHz}$
	5290MHz ~ 5296.7MHz : $\leq 10^{-(3/100)(f-5210 -80)-1.8+\text{Log}(1/4)} \text{ mW/MHz}$
	5296.7MHz ~ 26GHz : $\leq 2.5 \mu\text{W/MHz}$
	Bandwidth $\leq 160\text{MHz}$
	30MHz ~ 5099.6MHz : $\leq 2.5 \mu\text{W/MHz}$
	5099.6MHz ~ 5150MHz : $\leq 15 \mu\text{W/MHz}$
	5350MHz ~ 5400.4MHz : $\leq 15 \mu\text{W/MHz}$
	5400.4MHz ~ 26GHz : $\leq 2.5 \mu\text{W/MHz}$
	W53:
	Bandwidth $\leq 18\text{MHz}$
	30MHz ~ 5233.3MHz : $\leq 2.5 \mu\text{W/MHz}$
	5233.3MHz ~ 5240MHz : $\leq 10^{-1.8-(6/50)(f-5260 -20)} \text{ mW/MHz}$
	5240MHz ~ 5249MHz : $\leq 10^{-1-(8/90)(f-5260 -11)} \text{ mW/MHz}$
	5249MHz ~ 5250MHz : $\leq 10^{-1-(f-5260 -9)} \text{ mW/MHz}$
	5350MHz ~ 26GHz : $\leq 2.5 \mu\text{W/MHz}$

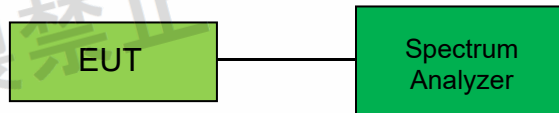
18MHz < Bandwidth ≤ 20MHz
30MHz ~ 5233.3MHz : ≤ 2.5 μW/MHz
5233.3MHz ~ 5240MHz : ≤ 10 -1.8-(6/50)(f-5260 -20) mW/MHz
5240MHz ~ 5249MHz : ≤ 10 -1-(8/90)(f-5260 -11) mW/MHz
5249MHz ~ 5249.8MHz : ≤ 10 1-(f-5260 -9) mW/MHz
5249.8MHz ~ 5250MHz : ≤ 10 1-(8/3)(f-5260 -9.75) mW/MHz
5350MHz ~ 26GHz : ≤ 2.5 μW/MHz
Bandwidth ≤ 40MHz
30MHz ~ 5221.6MHz : ≤ 2.5 μW/MHz
5221.6MHz ~ 5230MHz : ≤ 10 -(3/50)(f-5270 -40)-1.8+Log(1/2) mW/MHz
5230MHz ~ 5249MHz : ≤ 10 -(8/190)(f-5270 -21)-1+Log(1/2) mW/MHz
5249MHz ~ 5250MHz : ≤ 10 -(f-5270 -20)+Log(1/2) mW/MHz
5350MHz ~ 5358.4MHz : ≤ 15 μW/MHz
5358.4MHz ~ 26GHz : ≤ 2.5 μW/MHz
Bandwidth ≤ 80MHz
30MHz ~ 5203.3MHz : ≤ 2.5 μW/MHz
5203.3MHz ~ 5210MHz : ≤ 10 -(3/100)(f-5290 -80)-1.8+Log(1/4) mW/MHz
5210MHz ~ 5249MHz : ≤ 10 -(8/390)(f-5290 -41)-1+Log(1/4) mW/MHz
5249MHz ~ 5250MHz : ≤ 10 -(f-5290 -40) +Log(1/4) mW/MHz
5350MHz ~ 5376.8MHz : ≤ 15 μW/MHz
5376.8MHz ~ 26GHz : ≤ 2.5 μW/MHz
Bandwidth ≤ 160MHz
30MHz ~ 5099.6MHz : ≤ 2.5 μW/MHz
5099.6MHz ~ 5150MHz : ≤ 15 μW/MHz
5350MHz ~ 5400.4MHz : ≤ 15 μW/MHz
5400.4MHz ~ 26GHz : ≤ 2.5 μW/MHz
W56:
Bandwidth ≤ 20MHz (Others)
30MHz ~ 5470MHz : ≤ 12.5 μW/MHz
5730MHz ~ 26GHz : ≤ 12.5 μW/MHz
Bandwidth ≤ 20MHz (OFDM)
30MHz ~ 5460MHz : ≤ 2.5 μW/MHz
5460MHz ~ 5470MHz : ≤ 12.5 μW/MHz
5745MHz ~ 5765MHz : ≤ 12.5 μW/MHz
5765MHz ~ 26GHz : ≤ 2.5 μW/MHz
Bandwidth ≤ 40MHz
30MHz ~ 5460MHz : ≤ 12.5 μW/MHz
5460MHz ~ 5470MHz : ≤ 50 μW/MHz
5770MHz ~ 26GHz : ≤ 12.5 μW/MHz
Bandwidth ≤ 80MHz
30MHz ~ 5460MHz : ≤ 12.5 μW/MHz
5460MHz ~ 5469.5MHz : ≤ 50 μW/MHz
5469.5MHz ~ 5470MHz : ≤ 51.2 μW/MHz
5770MHz ~ 26GHz : ≤ 12.5 μW/MHz
Bandwidth ≤ 160MHz
30MHz ~ 5419.6MHz : ≤ 12.5 μW/MHz
5419.6MHz ~ 5470MHz : ≤ 50 μW/MHz
5725MHz ~ 26GHz : ≤ 12.5 μW/MHz

7.3.2. Test Procedure

Test Method for Radio Equipment mentioned in MIC Notice No.88 Annex45 Clause 5

7.3.3. Test Configuration

Temperature and Voltage Measurement (under normal and extreme test condition)



Remarks:

The spectrum analyzer could be connected to a monopole antenna or directly connected to the EUT, if the EUT has already employing an antenna connector.

7.3.4. TEST RESULT

TestCondition	TestMode	Antenna	Freq (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5180	30~5142	5141.32	-42.16	3.94	-38.22	0.15066	≤2.5	PASS
NTNV	11A	Ant1	5180	5142~5150	5144.95	-52.91	3.94	-48.97	0.01268	≤15	PASS
NTNV	11A	Ant1	5180	5250~5251	5251.00	-54.68	3.94	-50.74	0.00843	≤100.0	PASS
NTNV	11A	Ant1	5180	5251~5260	5258.68	-53.89	3.94	-49.95	0.01012	≤20.8	PASS
NTNV	11A	Ant1	5180	5260~5266.7	5260.76	-53.32	3.94	-49.38	0.01153	≤15.8	PASS
NTNV	11A	Ant1	5180	5266.7~26000	25806.49	-40.88	3.94	-36.94	0.20230	≤2.5	PASS
NTNV	11A	Ant1	5200	30~5142	4160.16	-48.18	3.94	-44.24	0.03767	≤2.5	PASS
NTNV	11A	Ant1	5200	5142~5150	5147.05	-53.21	3.94	-49.27	0.01183	≤15	PASS
NTNV	11A	Ant1	5200	5250~5251	5250.99	-51.12	3.94	-47.18	0.01914	≤102.3	PASS
NTNV	11A	Ant1	5200	5251~5260	5259.99	-50.71	3.94	-46.77	0.02104	≤15.9	PASS
NTNV	11A	Ant1	5200	5260~5266.7	5263.21	-52.81	3.94	-48.87	0.01297	≤15.8	PASS
NTNV	11A	Ant1	5200	5266.7~26000	24875.56	-40.99	3.94	-37.05	0.19724	≤2.5	PASS
NTNV	11A	Ant1	5220	30~5142	2666.43	-48.96	3.94	-45.02	0.03148	≤2.5	PASS
NTNV	11A	Ant1	5220	5142~5150	5147.90	-52.39	3.94	-48.45	0.01429	≤15	PASS
NTNV	11A	Ant1	5220	5250~5251	5250.72	-46.74	3.94	-42.80	0.05248	≤190.5	PASS
NTNV	11A	Ant1	5220	5251~5260	5259.15	-43.92	3.94	-39.98	0.10046	≤18.9	PASS
NTNV	11A	Ant1	5220	5260~5266.7	5262.55	-45.62	3.94	-41.68	0.06792	≤15.8	PASS
NTNV	11A	Ant1	5220	5266.7~26000	25245.31	-41.82	3.94	-37.88	0.16293	≤2.5	PASS
NTNV	11A	Ant1	5240	30~5142	4192.19	-48.16	3.94	-44.22	0.03784	≤2.5	PASS
NTNV	11A	Ant1	5240	5142~5150	5143.37	-51.62	3.94	-47.68	0.01706	≤15	PASS
NTNV	11A	Ant1	5240	5250~5251	5250.88	-14.0	3.94	-10.0	98.40111	≤131.8	See

						1		7			table below
NTNV	11A	Ant1	5240	5251~5260	5252.22	-15.1 4	3.94	-11.2 0	75.85776	≤77.9	See table below
NTNV	11A	Ant1	5240	5260~5266.7	5260.57	-34.9 0	3.94	-30.9 6	0.80168	≤15.8	PASS
NTNV	11A	Ant1	5240	5266.7~2600 0	5271.54	-41.1 2	3.94	-37.1 8	0.19143	≤2.5	PASS
NTNV	11N20SISO	Ant1	5180	30~5142	4144.31	-49.5 9	3.94	-45.6 5	0.02723	≤2.5	PASS
NTNV	11N20SISO	Ant1	5180	5142~5150	5144.36	-52.8 8	3.94	-48.9 4	0.01276	≤15	PASS
NTNV	11N20SISO	Ant1	5180	5250~5251	5250.97	-51.7 3	3.94	-47.7 9	0.01663	≤107.2	PASS
NTNV	11N20SISO	Ant1	5180	5251~5260	5258.64	-50.8 7	3.94	-46.9 3	0.02028	≤20.9	PASS
NTNV	11N20SISO	Ant1	5180	5260~5266.7	5260.50	-45.7 8	3.94	-41.8 4	0.06546	≤15.8	PASS
NTNV	11N20SISO	Ant1	5180	5266.7~2600 0	25814.0 9	-41.5 3	3.94	-37.5 9	0.17418	≤2.5	PASS
NTNV	11N20SISO	Ant1	5200	30~5142	2846.03	-49.2 4	3.94	-45.3 0	0.02951	≤2.5	PASS
NTNV	11N20SISO	Ant1	5200	5142~5150	5147.26	-46.1 5	3.94	-42.2 1	0.06012	≤15	PASS
NTNV	11N20SISO	Ant1	5200	5250~5251	5250.89	-46.4 2	3.94	-42.4 8	0.05649	≤128.8	PASS
NTNV	11N20SISO	Ant1	5200	5251~5260	5259.03	-47.5 7	3.94	-43.6 3	0.04335	≤19.3	PASS
NTNV	11N20SISO	Ant1	5200	5260~5266.7	5261.89	-49.5 3	3.94	-45.5 9	0.02761	≤15.8	PASS
NTNV	11N20SISO	Ant1	5200	5266.7~2600 0	25577.7 3	-41.9 1	3.94	-37.9 7	0.15959	≤2.5	PASS
NTNV	11N20SISO	Ant1	5220	30~5142	2650.24	-49.4 7	3.94	-45.5 3	0.02799	≤2.5	PASS
NTNV	11N20SISO	Ant1	5220	5142~5150	5144.02	-52.6 4	3.94	-48.7 0	0.01349	≤15	PASS
NTNV	11N20SISO	Ant1	5220	5250~5251	5250.76	-46.2 9	3.94	-42.3 5	0.05821	≤173.8	PASS
NTNV	11N20SISO	Ant1	5220	5251~5260	5258.82	-49.1 6	3.94	-45.2 2	0.03006	≤20.2	PASS
NTNV	11N20SISO	Ant1	5220	5260~5266.7	5261.83	-45.6 4	3.94	-41.7 0	0.06761	≤15.8	PASS
NTNV	11N20SISO	Ant1	5220	5266.7~2600 0	25673.8 0	-41.1 5	3.94	-37.2 1	0.19011	≤2.5	PASS
NTNV	11N20SISO	Ant1	5240	30~5142	2942.14	-48.4 9	3.94	-44.5 5	0.03508	≤2.5	PASS
NTNV	11N20SISO	Ant1	5240	5142~5150	5142.48	-51.8 9	3.94	-47.9 5	0.01603	≤15	PASS
NTNV	11N20SISO	Ant1	5240	5250~5251	5250.86	-11.1 3	3.94	-7.19	190.98533	≤138.0	See table below
NTNV	11N20SISO	Ant1	5240	5251~5260	5253.1	-15.2 2	3.94	-11.2 8	74.47320	≤65.1	See table below
NTNV	11N20SISO	Ant1	5240	5260~5266.7	5260.34	-32.9 7	3.94	-29.0 3	1.25026	≤15.8	PASS
NTNV	11N20SISO	Ant1	5240	5266.7~2600 0	24867.2 7	-40.6 1	3.94	-36.6 7	0.21528	≤2.5	PASS
NTNV	11N40SISO	Ant1	5190	30~5141.6	3298.02	-48.7 1	3.94	-44.7 7	0.03334	≤2.5	PASS
NTNV	11N40SISO	Ant1	5190	5141.6~5150	5144.62	-48.1 8	3.94	-44.2 4	0.03767	≤15	PASS
NTNV	11N40SISO	Ant1	5190	5250~5251	5250.94	-52.7 6	3.94	-48.8 2	0.01312	≤57.4	PASS
NTNV	11N40SISO	Ant1	5190	5251~5270	5267.26	-46.6 9	3.94	-42.7 5	0.05309	≤10.3	PASS
NTNV	11N40SISO	Ant1	5190	5270~5278.4	5276.48	-53.6 2	3.94	-49.6 8	0.01076	≤3.2	PASS
NTNV	11N40SISO	Ant1	5190	5278.4~2600 0	24780.8 8	-40.9 2	3.94	-36.9 8	0.20045	≤2.5	PASS
NTNV	11N40SISO	Ant1	5230	30~5141.6	3180.45	-49.4 3	3.94	-45.4 9	0.02825	≤2.5	PASS
NTNV	11N40SISO	Ant1	5230	5141.6~5150	5142.29	-52.2 1	3.94	-48.2 7	0.01489	≤15	PASS

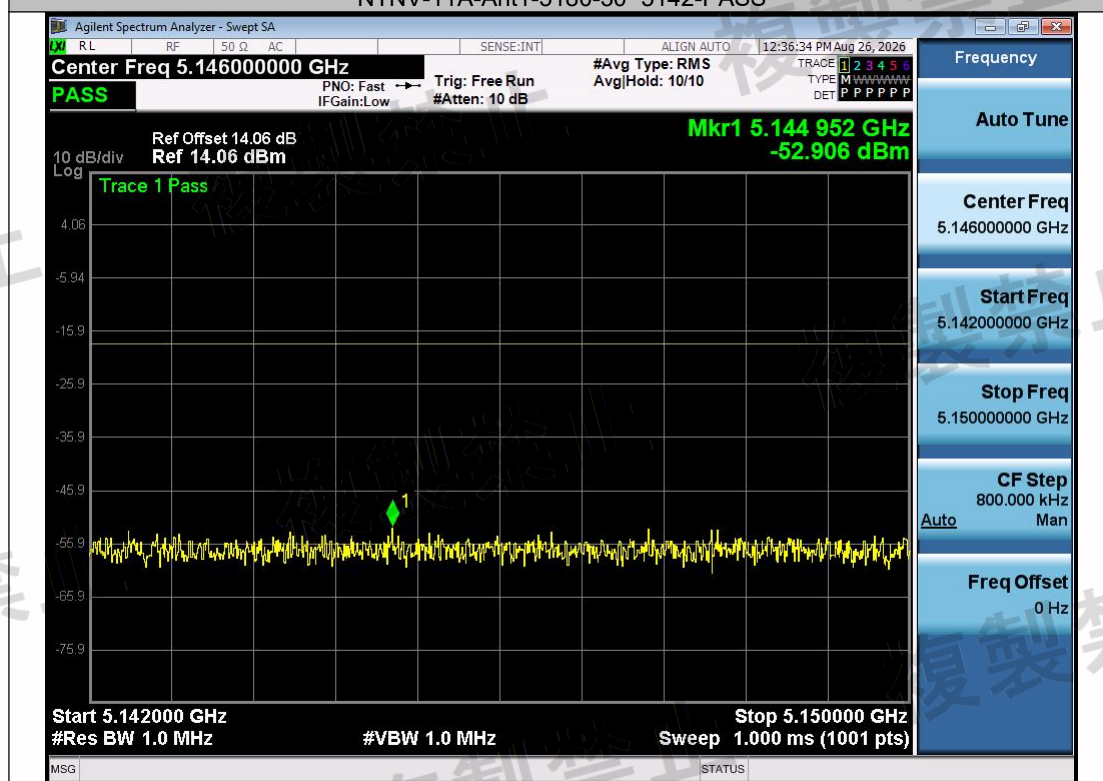
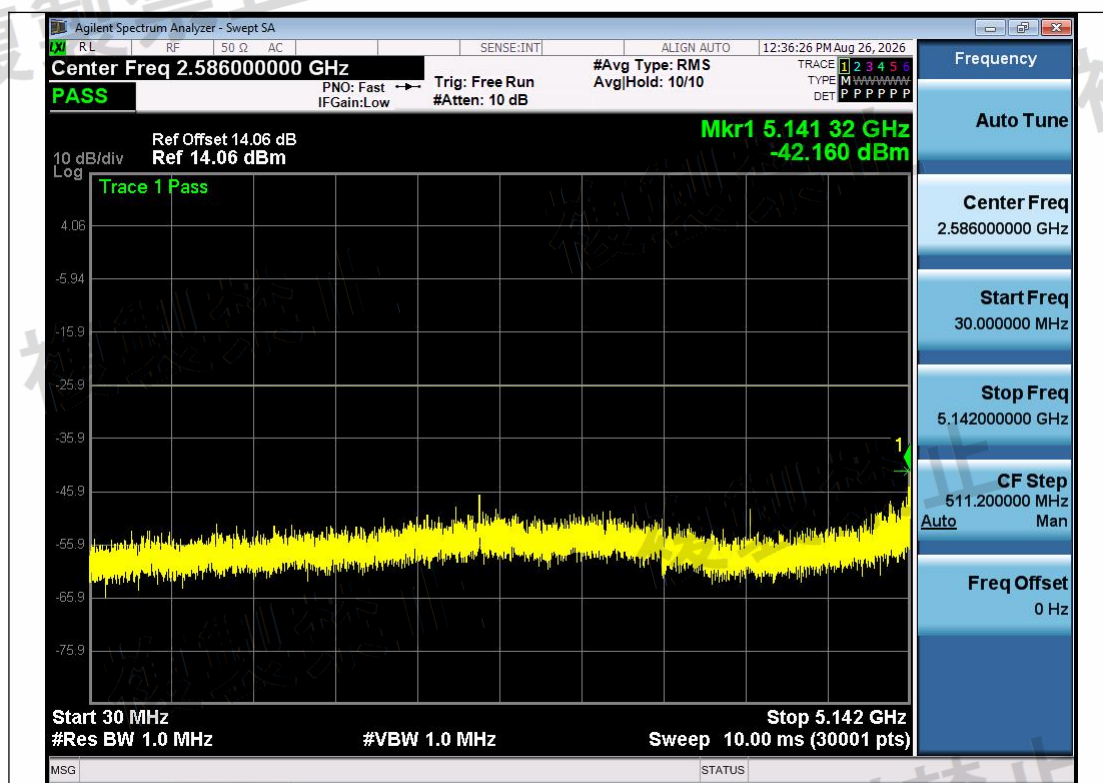
NTNV	11N40SISO	Ant1	5230	5250~5251	5250.82	-17.2 7	3.94	-13.3 3	46.45153	≤75.7	See table below
NTNV	11N40SISO	Ant1	5230	5251~5270	5252.88	-22.4 5	3.94	-18.5 1	14.09289	≤41.7	PASS
NTNV	11N40SISO	Ant1	5230	5270~5278.4	5278.28	-53.2 8	3.94	-49.3 4	0.01164	≤2.5	PASS
NTNV	11N40SISO	Ant1	5230	5278.4~2600 0	25585.5 7	-41.7 9	3.94	-37.8 5	0.16406	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5180	30~5142	5130.24	-48.9 4	3.94	-45.0 0	0.03162	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5180	5142~5150	5147.01	-43.3 4	3.94	-39.4 0	0.11482	≤15	PASS
NTNV	11AC20SIS O	Ant1	5180	5250~5250.2	5250.18	-50.2 0	3.94	-46.2 6	0.02366	≤713.4	PASS
NTNV	11AC20SIS O	Ant1	5180	5250.2~5251	5250.96	-51.4 0	3.94	-47.4 6	0.01795	≤109.6	PASS
NTNV	11AC20SIS O	Ant1	5180	5251~5260	5259.85	-53.5 4	3.94	-49.6 0	0.01096	≤16.3	PASS
NTNV	11AC20SIS O	Ant1	5180	5260~5266.7	5265.88	-51.5 7	3.94	-47.6 3	0.01726	≤15.7	PASS
NTNV	11AC20SIS O	Ant1	5180	5266.7~2600 0	24913.5 8	-41.3 1	3.94	-37.3 7	0.18323	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5200	30~5142	2433.66	-45.0 0	3.94	-41.0 6	0.07834	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5200	5142~5150	5145.50	-52.4 1	3.94	-48.4 7	0.01422	≤15	PASS
NTNV	11AC20SIS O	Ant1	5200	5250~5251	5250.96	-49.2 8	3.94	-45.3 4	0.02924	≤109.6	PASS
NTNV	11AC20SIS O	Ant1	5200	5251~5260	5259.91	-49.2 5	3.94	-45.3 1	0.02944	≤16.1	PASS
NTNV	11AC20SIS O	Ant1	5200	5260~5266.7	5266.16	-50.0 8	3.94	-46.1 4	0.02432	≤15.7	PASS
NTNV	11AC20SIS O	Ant1	5200	5266.7~2600 0	25371.0 9	-41.7 6	3.94	-37.8 2	0.16520	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5220	30~5142	2789.46	-49.0 4	3.94	-45.1 0	0.03090	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5220	5142~5150	5144.51	-51.7 9	3.94	-47.8 5	0.01641	≤15	PASS
NTNV	11AC20SIS O	Ant1	5220	5250~5250.2	5250.10	-43.2 9	3.94	-39.3 5	0.11614	≤1165. 9	PASS
NTNV	11AC20SIS O	Ant1	5220	5250.2~5251	5250.98	-47.7 1	3.94	-43.7 7	0.04198	≤104.7	PASS
NTNV	11AC20SIS O	Ant1	5220	5251~5260	5259.49	-47.4 3	3.94	-43.4 9	0.04477	≤17.6	PASS
NTNV	11AC20SIS O	Ant1	5220	5260~5266.7	5260.05	-46.5 4	3.94	-42.6 0	0.05495	≤15.8	PASS
NTNV	11AC20SIS O	Ant1	5220	5266.7~2600 0	25722.8 6	-41.3 1	3.94	-37.3 7	0.18323	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5240	30~5142	2434.51	-48.0 9	3.94	-44.1 5	0.03846	≤2.5	PASS
NTNV	11AC20SIS O	Ant1	5240	5142~5150	5142.16	-52.0 8	3.94	-48.1 4	0.01535	≤15	PASS
NTNV	11AC20SIS O	Ant1	5240	5250~5251	5250.76	-11.7 7	3.94	-7.83	164.81624	≤173.8	See table below
NTNV	11AC20SIS O	Ant1	5240	5251~5260	5258.02	-51.5 6	3.94	-47.6 2	0.01730	≤23.8	PASS
NTNV	11AC20SIS O	Ant1	5240	5260~5266.7	5266.22	-53.1 3	3.94	-49.1 9	0.01205	≤15.7	PASS
NTNV	11AC20SIS O	Ant1	5240	5266.7~2600 0	25136.1 1	-40.7 2	3.94	-36.7 8	0.20989	≤2.5	PASS
NTNV	11AC40SIS O	Ant1	5190	30~5141.6	4152.16	-48.3 5	3.94	-44.4 1	0.03622	≤2.5	PASS
NTNV	11AC40SIS O	Ant1	5190	5141.6~5150	5147.82	-19.0 6	3.94	-15.1 2	30.76097	≤15	See table below
NTNV	11AC40SIS O	Ant1	5190	5250~5251	5250.58	-22.7 7	3.94	-18.8 3	13.09182	≤131.5	PASS
NTNV	11AC40SIS O	Ant1	5190	5251~5270	5256.66	-27.2 3	3.94	-23.2 9	4.68813	≤28.9	PASS
NTNV	11AC40SIS O	Ant1	5190	5270~5278.4	5271.43	-34.6 2	3.94	-30.6 8	0.85507	≤6.5	PASS
NTNV	11AC40SIS O	Ant1	5190	5278.4~2600 0	5290.14	-32.9 8	3.94	-29.0 4	1.24738	≤2.5	PASS

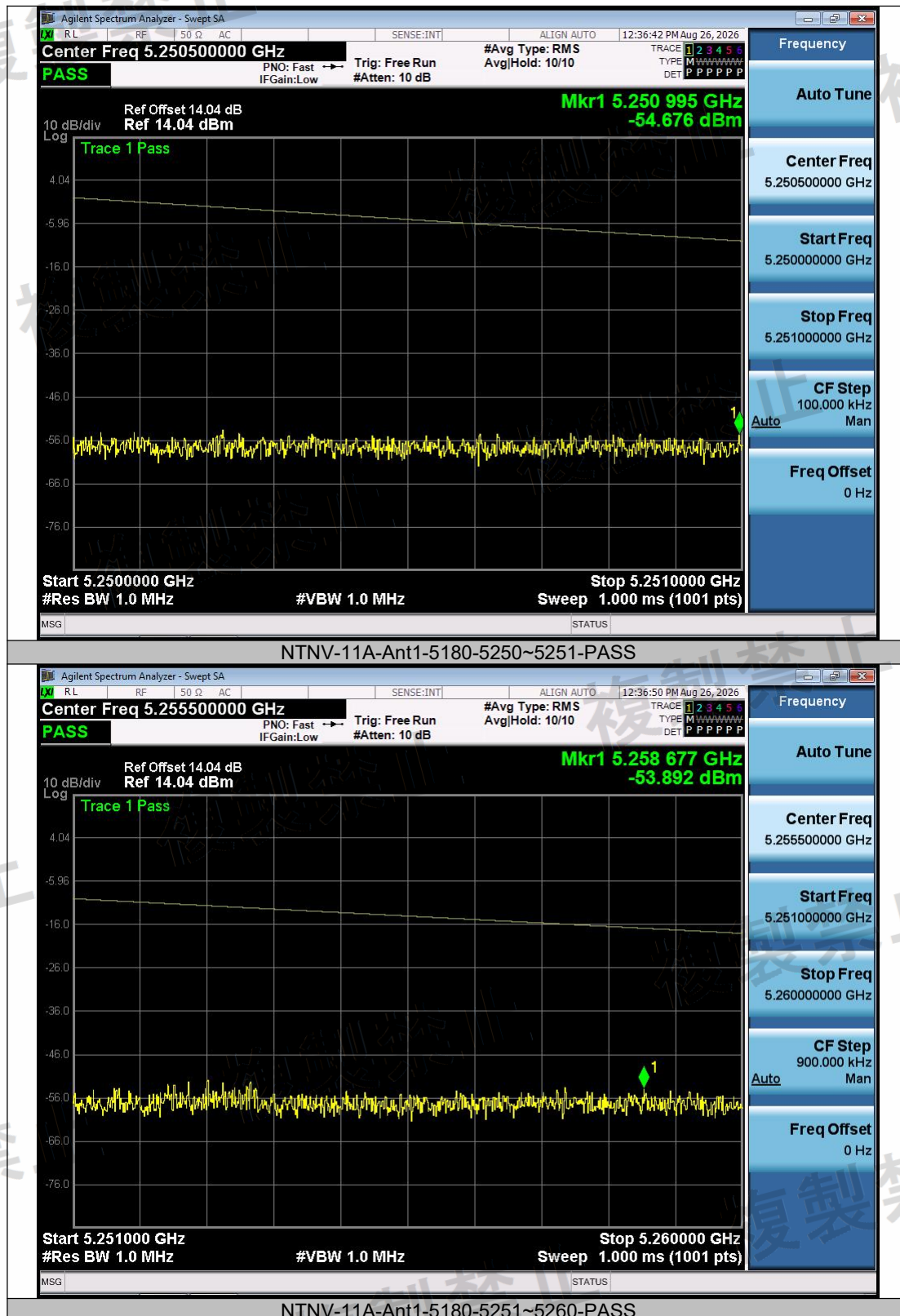
NTNV	11AC40SIS O	Ant1	5230	30~5141.6	2684.11	-48.5 0	3.94	-44.5 6	0.03499	≤2.5	PASS
NTNV	11AC40SIS O	Ant1	5230	5141.6~5150	5147.58	-33.4 5	3.94	-29.5 1	1.11944	≤15	PASS
NTNV	11AC40SIS O	Ant1	5230	5250~5251	5250.69	-1.74	3.94	2.20	1659.5869 1	≤102.1	See table below
NTNV	11AC40SIS O	Ant1	5230	5251~5270	5251.17	-4.51	3.94	-0.57	877.00082	≤49.2	See table below
NTNV	11AC40SIS O	Ant1	5230	5270~5278.4	5273.6	-19.8 7	3.94	-15.9 3	25.52701	≤4.8	See table below
NTNV	11AC40SIS O	Ant1	5230	5278.4~2600 0	5279.78	-18.5 7	3.94	-14.6 3	34.43499	≤2.5	See table below
NTNV	11AX20SIS O	Ant1	5180	30~5142	2641.04	-48.8 1	3.94	-44.8 7	0.03258	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5180	5142~5150	5144.85	-46.7 7	3.94	-42.8 3	0.05212	≤15	PASS
NTNV	11AX20SIS O	Ant1	5180	5250~5250.2	5250.19	-52.4 5	3.94	-48.5 1	0.01409	≤670.9	PASS
NTNV	11AX20SIS O	Ant1	5180	5250.2~5251	5251.00	-53.5 8	3.94	-49.6 4	0.01086	≤100.0	PASS
NTNV	11AX20SIS O	Ant1	5180	5251~5260	5259.94	-50.4 4	3.94	-46.5 0	0.02239	≤16.0	PASS
NTNV	11AX20SIS O	Ant1	5180	5260~5266.7	5262.76	-50.0 6	3.94	-46.1 2	0.02443	≤15.8	PASS
NTNV	11AX20SIS O	Ant1	5180	5266.7~2600 0	25697.9 8	-41.3 3	3.94	-37.3 9	0.18239	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5200	30~5142	4159.81	-48.6 6	3.94	-44.7 2	0.03373	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5200	5142~5150	5146.16	-51.5 1	3.94	-47.5 7	0.01750	≤15	PASS
NTNV	11AX20SIS O	Ant1	5200	5250~5250.2	5250.19	-48.3 0	3.94	-44.3 6	0.03664	≤670.9	PASS
NTNV	11AX20SIS O	Ant1	5200	5250.2~5251	5250.94	-46.7 5	3.94	-42.8 1	0.05236	≤114.8	PASS
NTNV	11AX20SIS O	Ant1	5200	5251~5260	5259.62	-54.2 0	3.94	-50.2 6	0.00942	≤17.1	PASS
NTNV	11AX20SIS O	Ant1	5200	5260~5266.7	5266.25	-42.4 8	3.94	-38.5 4	0.13996	≤15.7	PASS
NTNV	11AX20SIS O	Ant1	5200	5266.7~2600 0	25330.3 1	-41.0 1	3.94	-37.0 7	0.19634	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5220	30~5142	2465.53	-48.7 9	3.94	-44.8 5	0.03273	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5220	5142~5150	5145.88	-51.9 5	3.94	-48.0 1	0.01581	≤15	PASS
NTNV	11AX20SIS O	Ant1	5220	5250~5250.2	5250.18	-44.6 2	3.94	-40.6 8	0.08551	≤713.4	PASS
NTNV	11AX20SIS O	Ant1	5220	5250.2~5251	5250.99	-45.4 3	3.94	-41.4 9	0.07096	≤102.3	PASS
NTNV	11AX20SIS O	Ant1	5220	5251~5260	5259.09	-44.9 0	3.94	-40.9 6	0.08017	≤19.1	PASS
NTNV	11AX20SIS O	Ant1	5220	5260~5266.7	5260.92	-44.7 3	3.94	-40.7 9	0.08337	≤15.8	PASS
NTNV	11AX20SIS O	Ant1	5220	5266.7~2600 0	5546.60	-35.8 0	3.94	-31.8 6	0.65163	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5240	30~5142	3290.09	-48.9 2	3.94	-44.9 8	0.03177	≤2.5	PASS
NTNV	11AX20SIS O	Ant1	5240	5142~5150	5144.87	-53.3 1	3.94	-49.3 7	0.01156	≤15	PASS
NTNV	11AX20SIS O	Ant1	5240	5250~5250.2	5250.17	-53.5 9	3.94	-49.6 5	0.01084	≤758.6	PASS
NTNV	11AX20SIS O	Ant1	5240	5250.2~5251	5250.99	-53.7 9	3.94	-49.8 5	0.01035	≤102.3	PASS
NTNV	11AX20SIS O	Ant1	5240	5251~5260	5259.96	-54.0 1	3.94	-50.0 7	0.00984	≤16.0	PASS
NTNV	11AX20SIS O	Ant1	5240	5260~5266.7	5266.24	-41.2 4	3.94	-37.3 0	0.18621	≤15.7	PASS
NTNV	11AX20SIS O	Ant1	5240	5266.7~2600 0	24826.5 0	-41.0 8	3.94	-37.1 4	0.19320	≤2.5	PASS
NTNV	11AX40SIS O	Ant1	5190	30~5141.6	4152.16	-49.1 4	3.94	-45.2 0	0.03020	≤2.5	PASS
NTNV	11AX40SIS	Ant1	5190	5141.6~5150	5147.91	-46.1	3.94	-42.1	0.06067	≤15	PASS

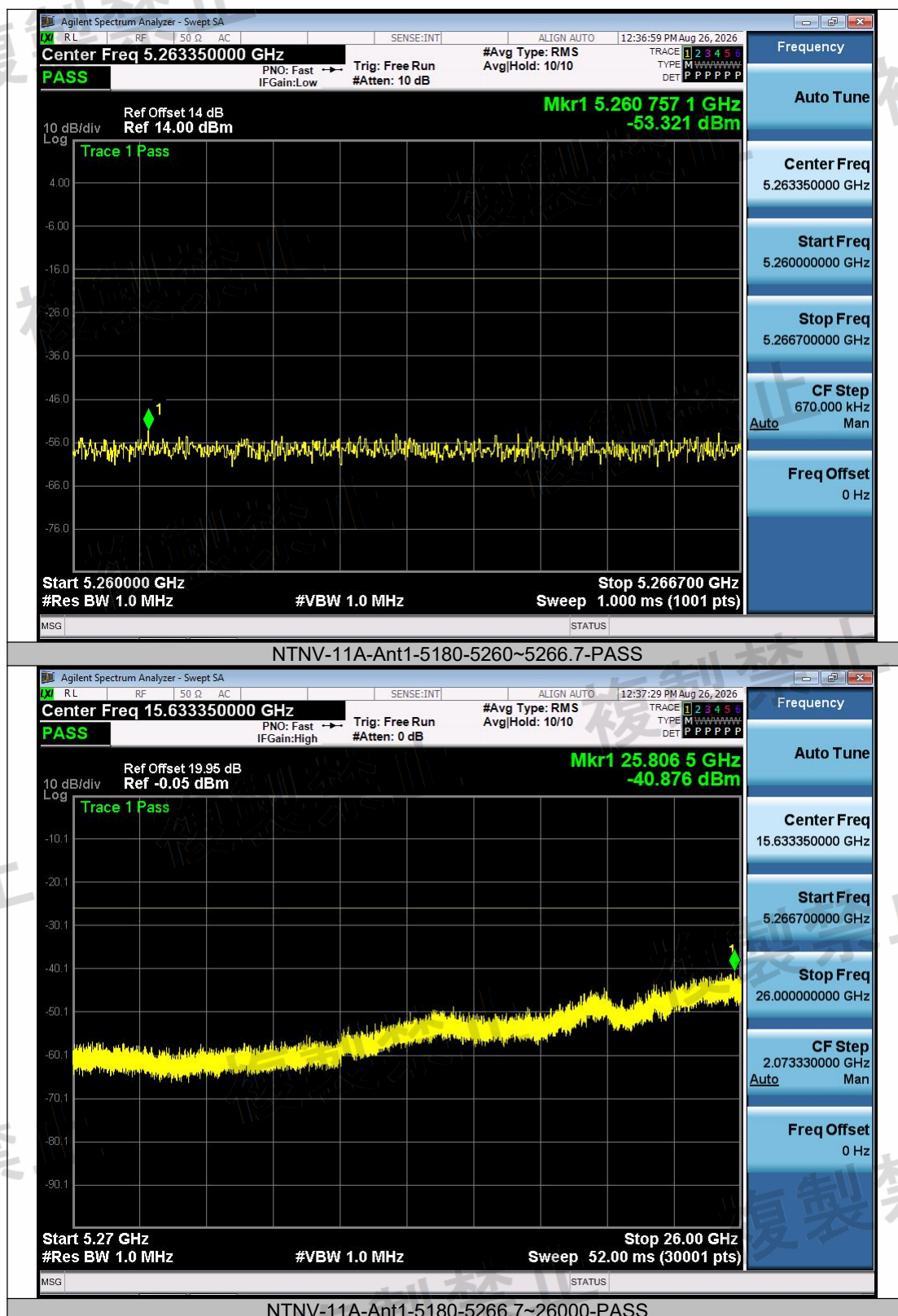
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NTNV	11AX40SIS O	Ant1	5190	5250~5251	5250.98	-53.9 8	3.94	-50.0 4	0.00991	≤52.4	PASS
NTNV	11AX40SIS O	Ant1	5190	5251~5270	5268.86	-52.7 4	3.94	-48.8 0	0.01318	≤8.9	PASS
NTNV	11AX40SIS O	Ant1	5190	5270~5278.4	5278.11	-53.4 9	3.94	-49.5 5	0.01109	≤2.6	PASS
NTNV	11AX40SIS O	Ant1	5190	5278.4~2600 0	25504.0 6	-40.8 9	3.94	-36.9 5	0.20184	≤2.5	PASS
NTNV	11AX40SIS O	Ant1	5230	30~5141.6	69.87	-40.0 7	3.94	-36.1 3	0.24378	≤2.5	PASS
NTNV	11AX40SIS O	Ant1	5230	5141.6~5150	5145.95	-51.0 0	3.94	-47.0 6	0.01968	≤15	PASS
NTNV	11AX40SIS O	Ant1	5230	5250~5251	5250.96	-33.6 2	3.94	-29.6 8	1.07647	≤54.8	PASS
NTNV	11AX40SIS O	Ant1	5230	5251~5270	5252.63	-38.2 1	3.94	-34.2 7	0.37411	≤42.7	PASS
NTNV	11AX40SIS O	Ant1	5230	5270~5278.4	5277.94	-47.7 8	3.94	-43.8 4	0.04130	≤2.6	PASS
NTNV	11AX40SIS O	Ant1	5230	5278.4~2600 0	25732.6 9	-40.7 6	3.94	-36.8 2	0.20797	≤2.5	PASS

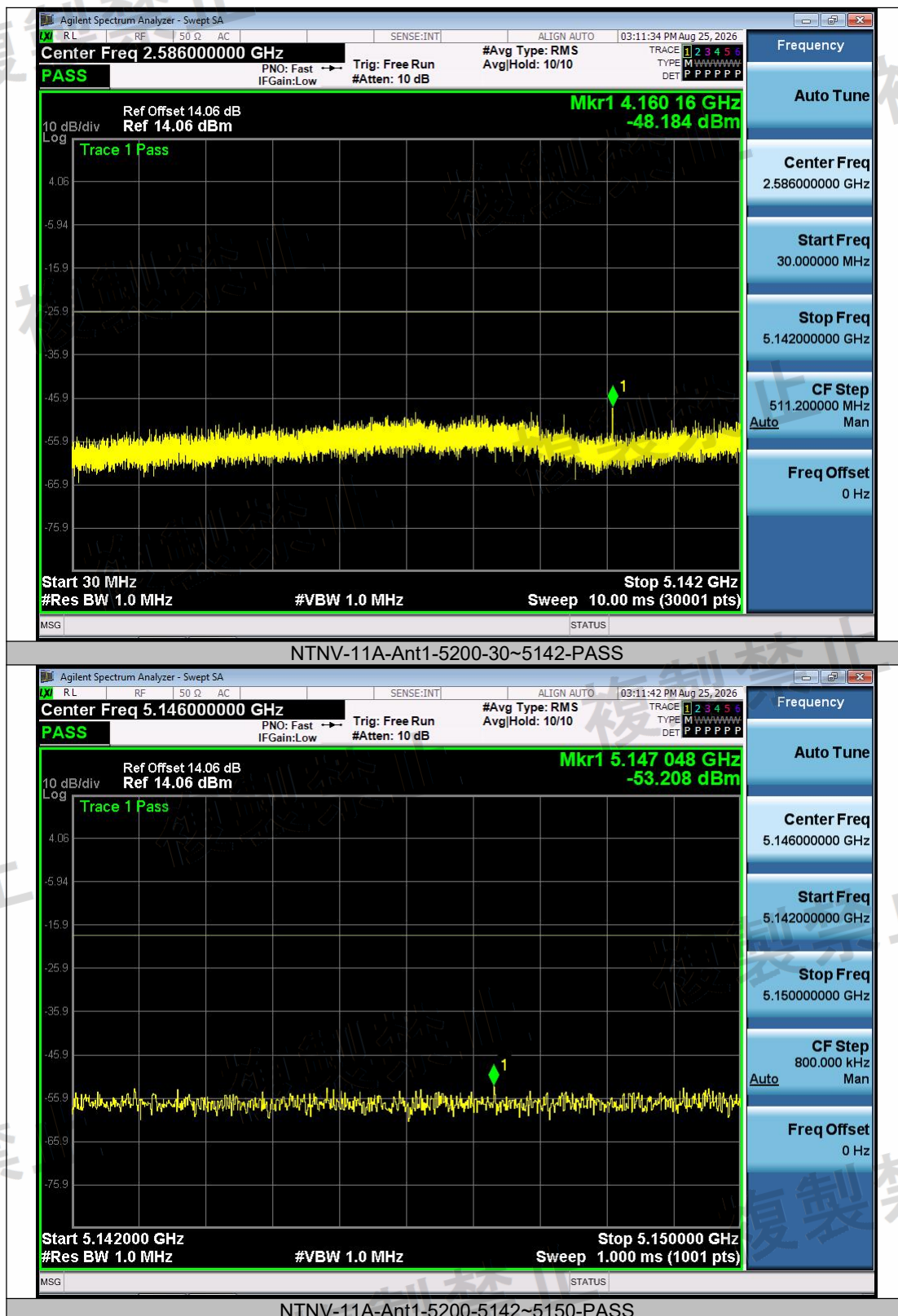
Step2

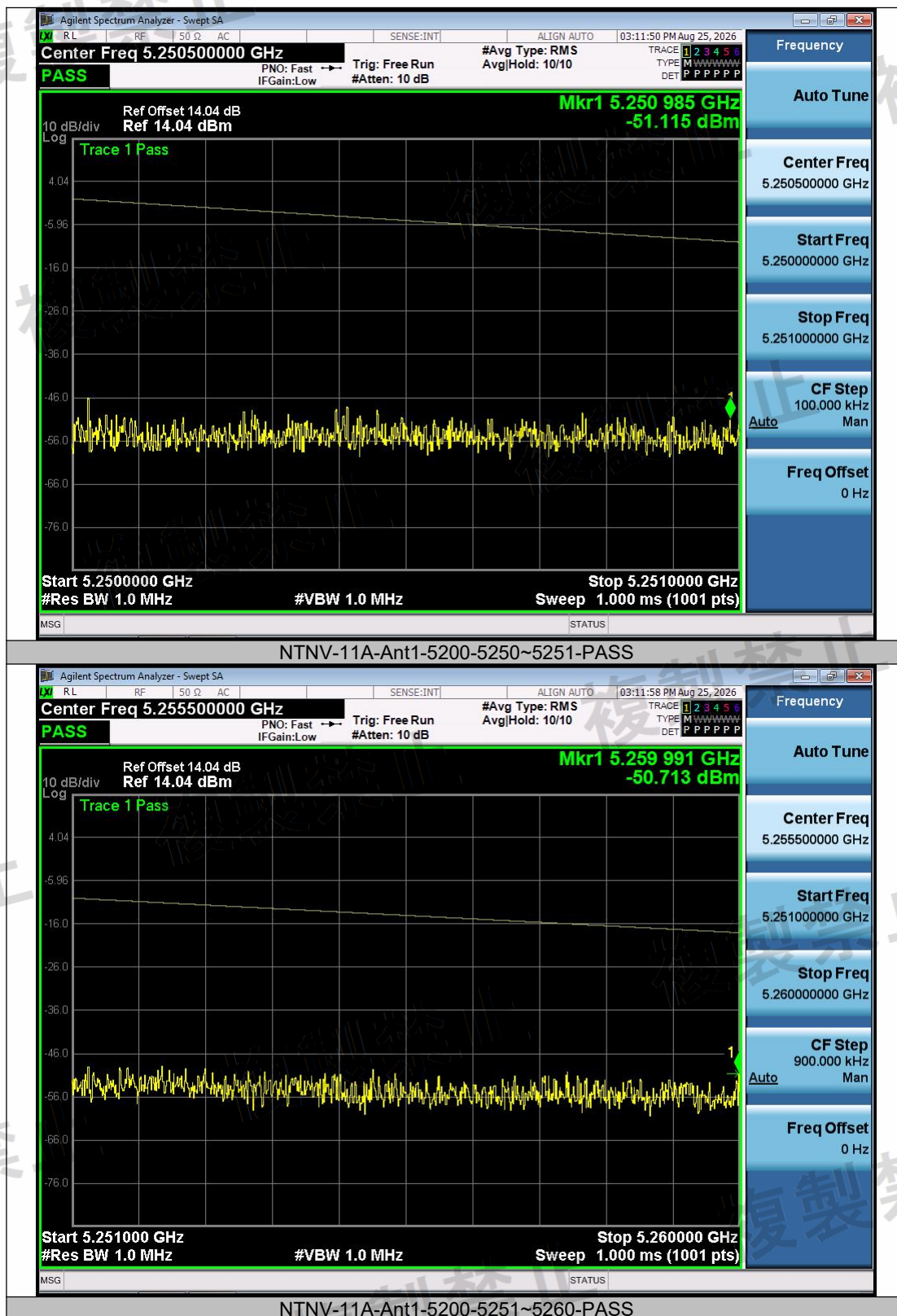
TestCondition	TestMode	Antenna	Freq (MHz)	Freq. [MHz]	Result [dBm]	Gain [dBI]	EIRP [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5240	5250.88	-28.22	3.94	-24.28	3.73250	≤162	PASS
NTNV	11A	Ant1	5240	5251.14	-39.72	3.94	-35.78	0.26424	≤35	PASS
NTNV	11N20SISO	Ant1	5240	5250.49	-27.55	3.94	-23.61	4.35512	≤102	PASS
NTNV	11N20SISO	Ant1	5240	5251.01	-28.07	3.94	-24.13	3.86367	≤95	PASS
NTNV	11N40SISO	Ant1	5230	5250.59	-31.16	3.94	-27.22	1.89671	≤85	PASS
NTNV	11AC20SISO	Ant1	5240	5250.76	-26.89	3.94	-22.95	5.06991	≤170	PASS
NTNV	11AC40SISO	Ant1	5190	5147.82	-36.74	3.94	-32.80	0.52481	≤15	PASS
NTNV	11AC40SISO	Ant1	5230	5250.18	-18.54	3.94	-14.60	34.67369	≤120	PASS
NTNV	11AC40SISO	Ant1	5230	5251.17	-19.81	3.94	-15.87	25.88213	≤48	PASS
NTNV	11AC40SISO	Ant1	5230	5263.10	-28.85	3.94	-24.91	3.22849	≤11	PASS
NTNV	11AC40SISO	Ant1	5230	5270.10	-30.68	3.94	-26.74	2.11836	≤4	PASS
NTNV	11AC40SISO	Ant1	5230	5279.78	-33.03	3.94	-29.09	1.23310	≤2.5	PASS
NTNV	11AC40SISO	Ant1	5230	5335.73	-51.30	3.94	-47.36	0.01837	≤2.5	PASS

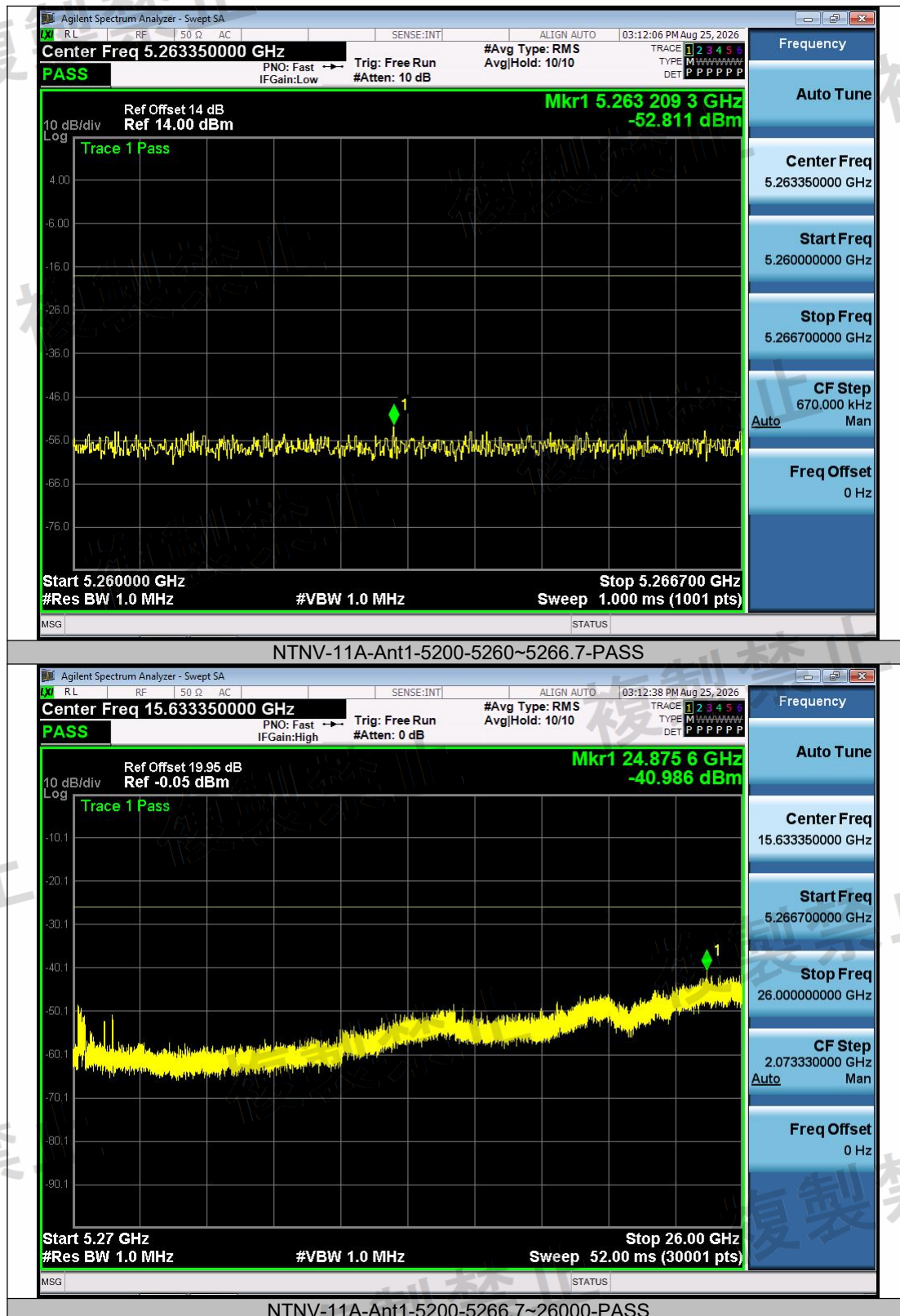


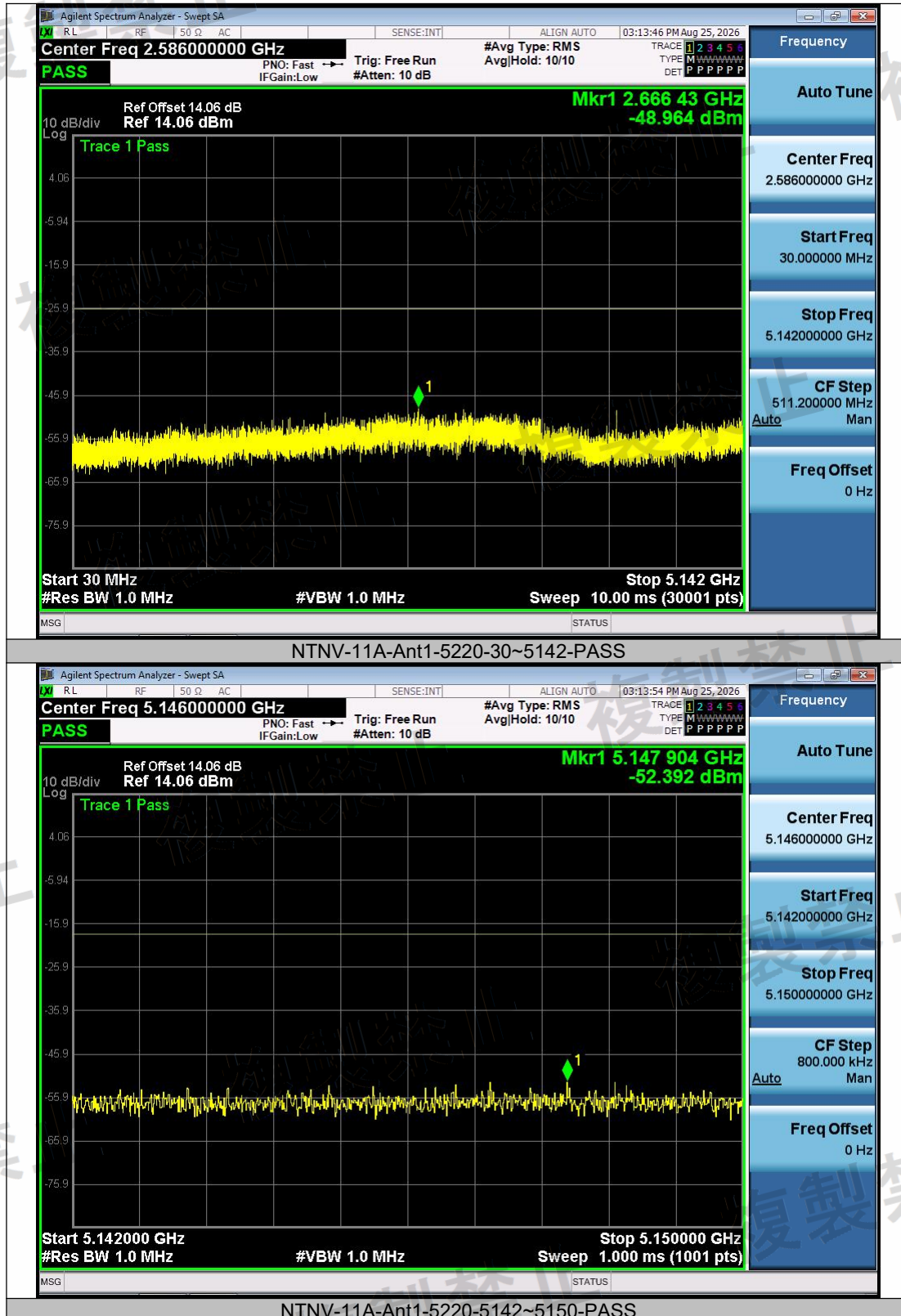


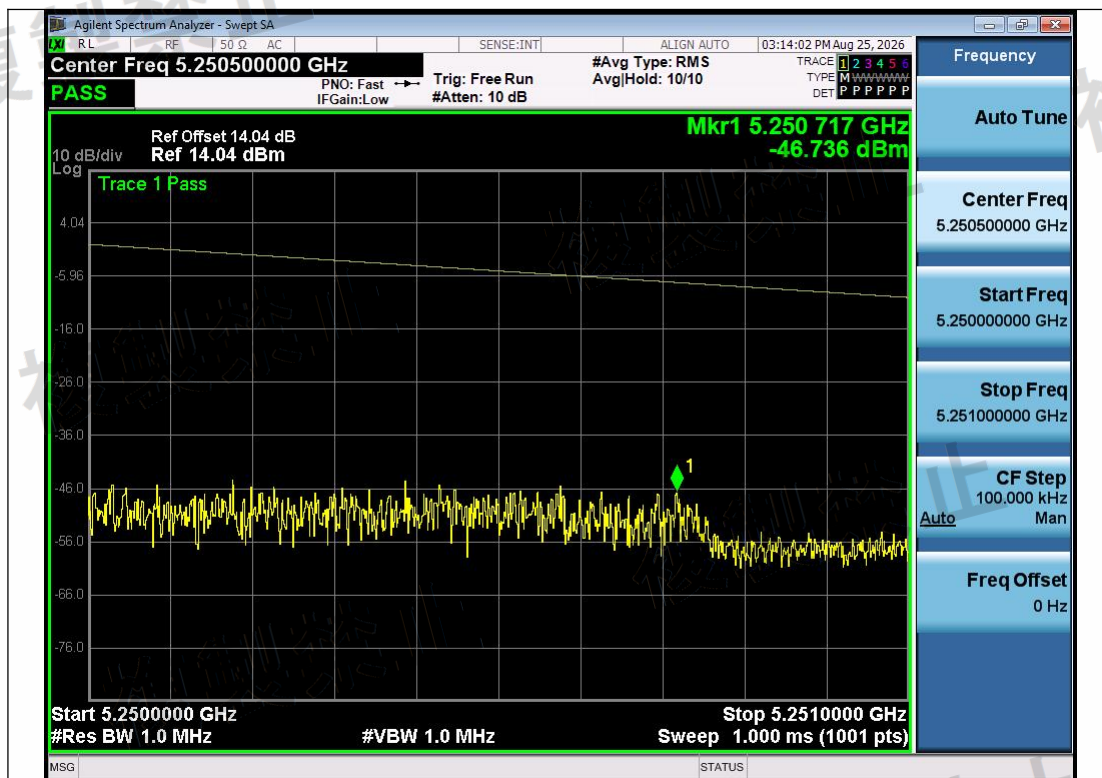




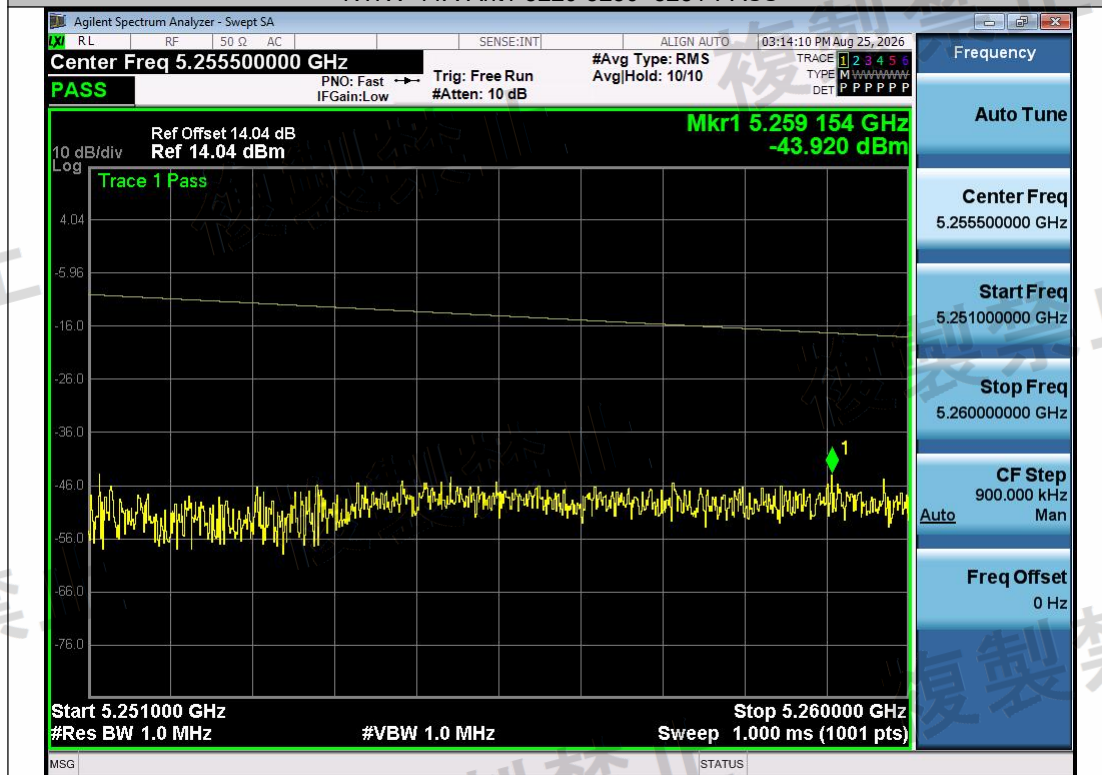








NTNV-11A-Ant1-5220-5250~5251-PASS



NTNV-11A-Ant1-5220-5251~5260-PASS

