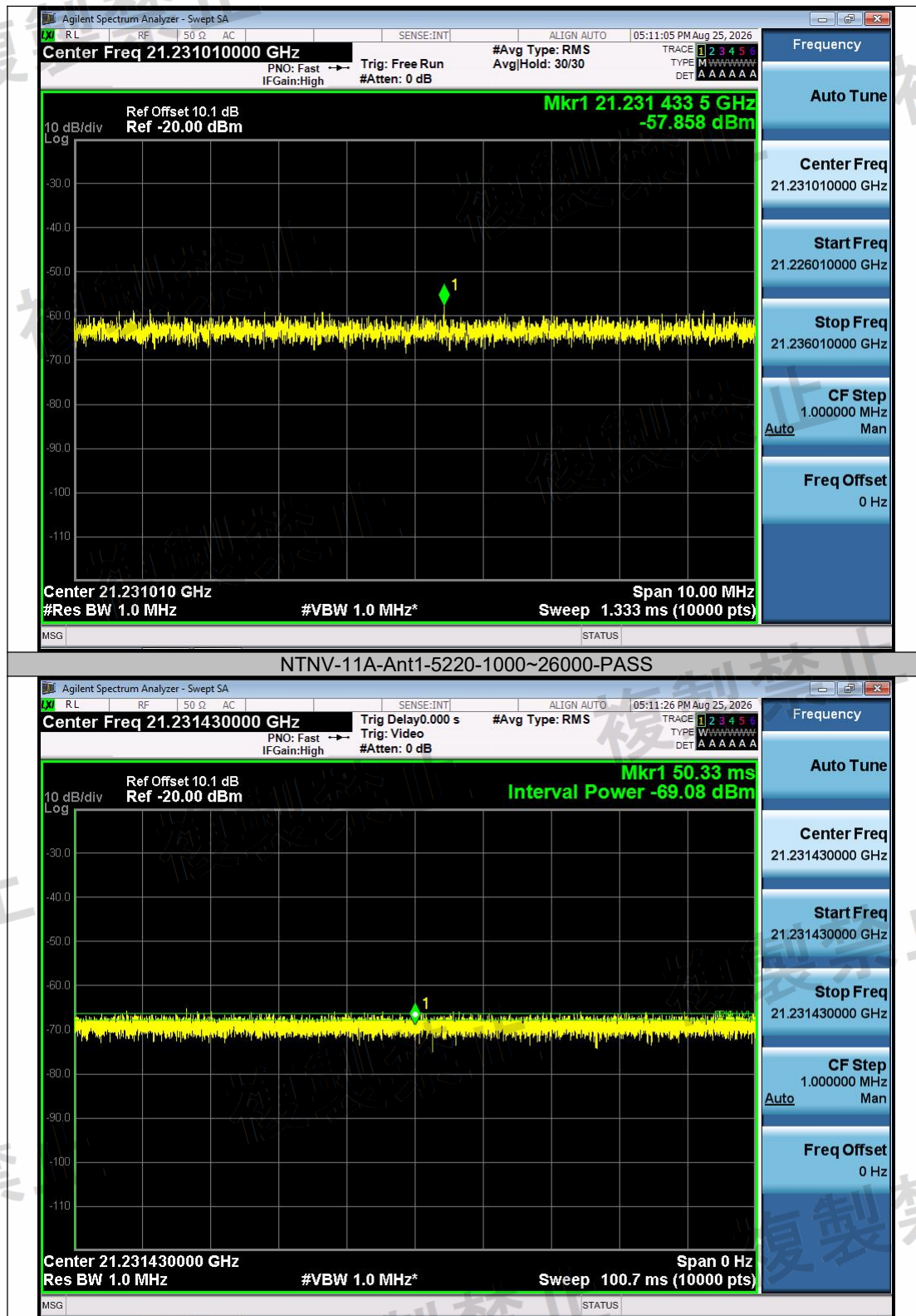
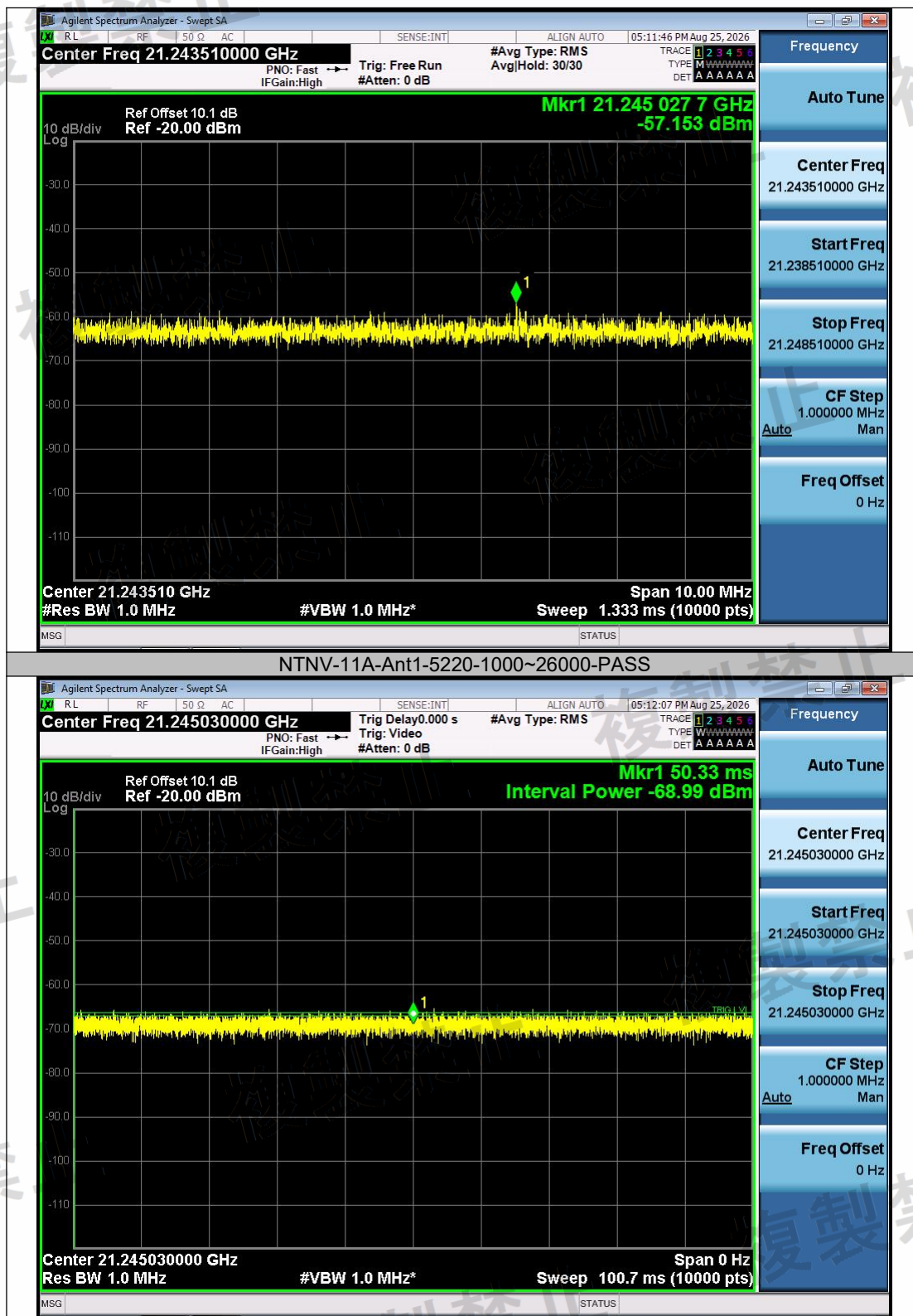
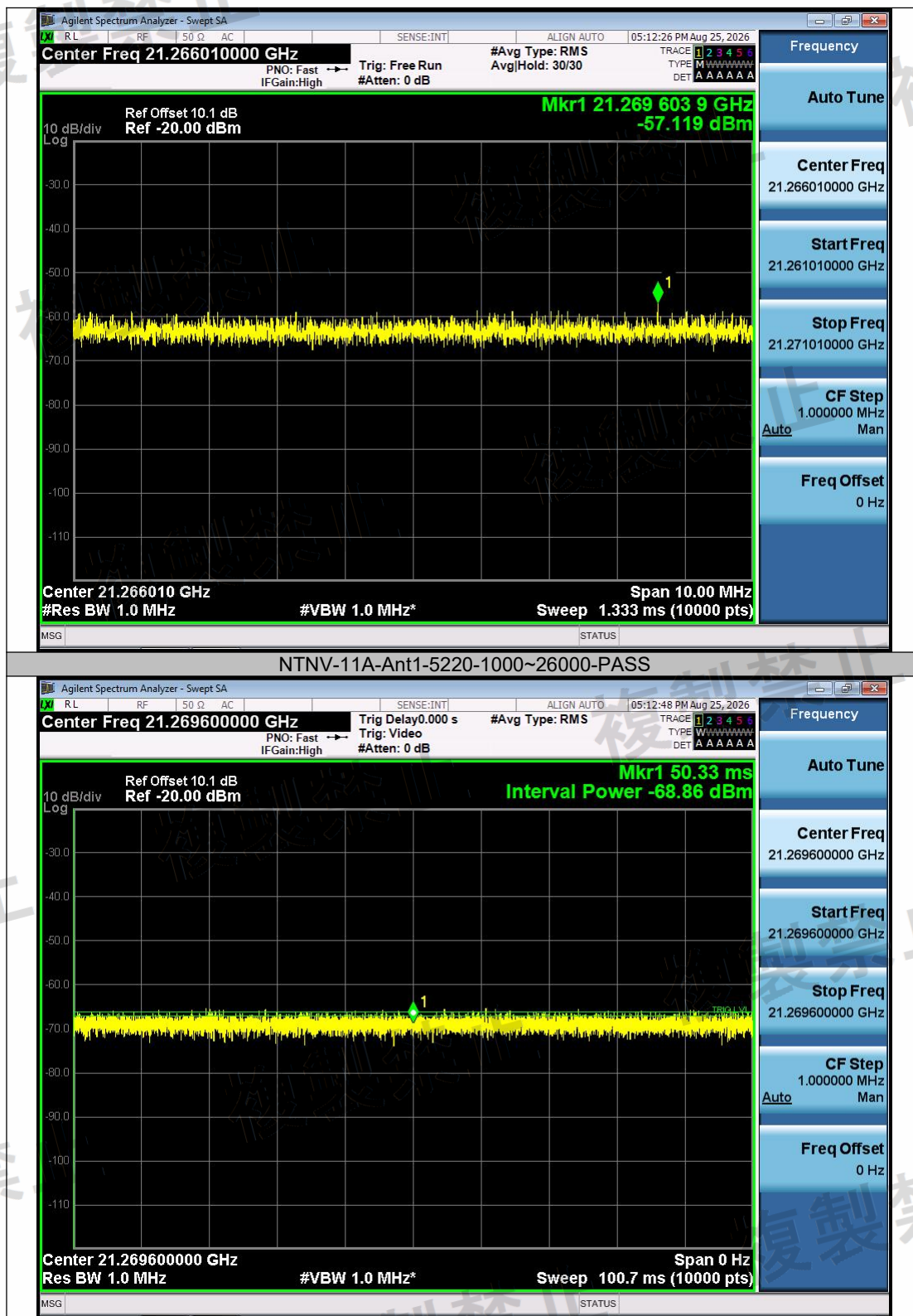
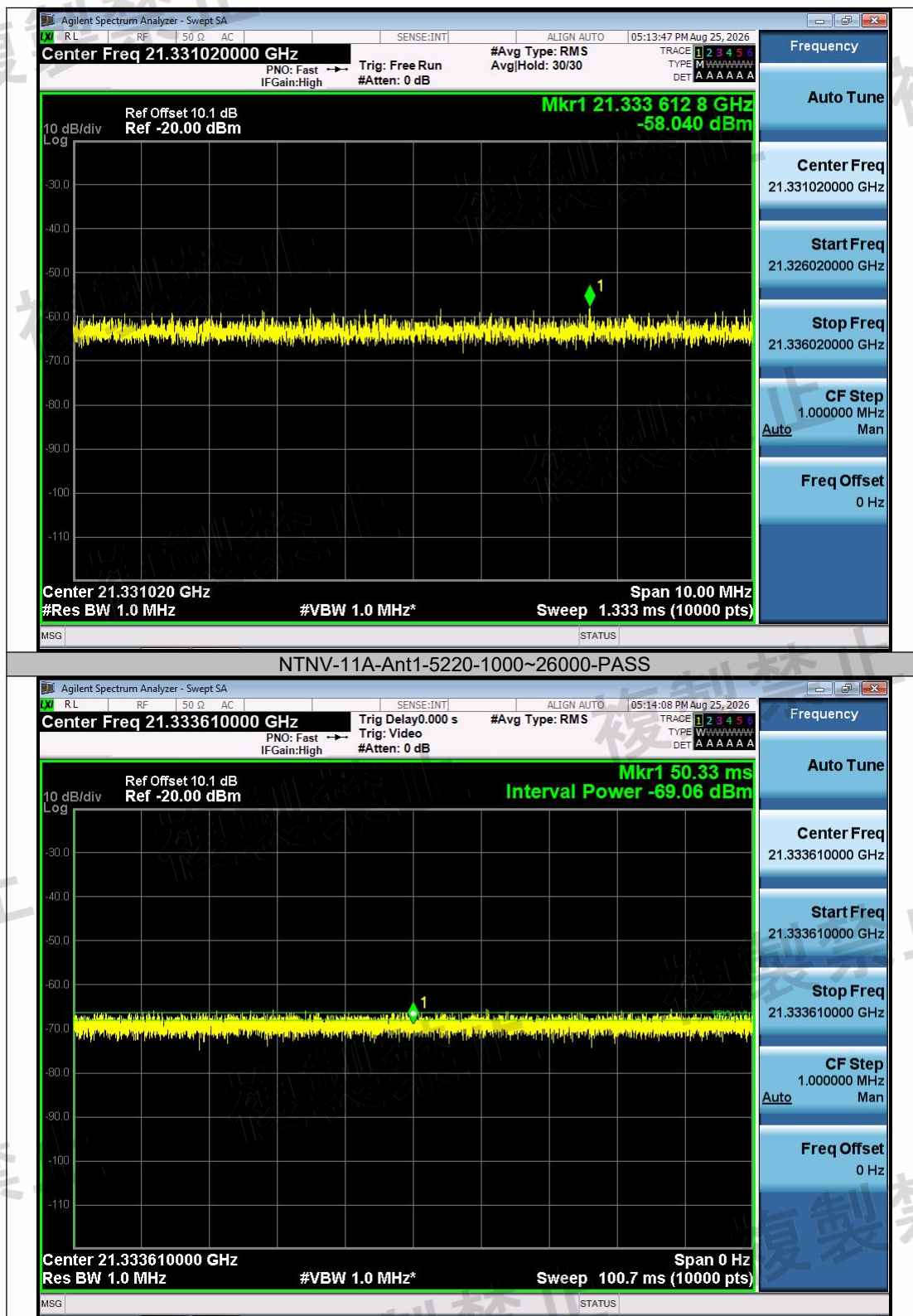


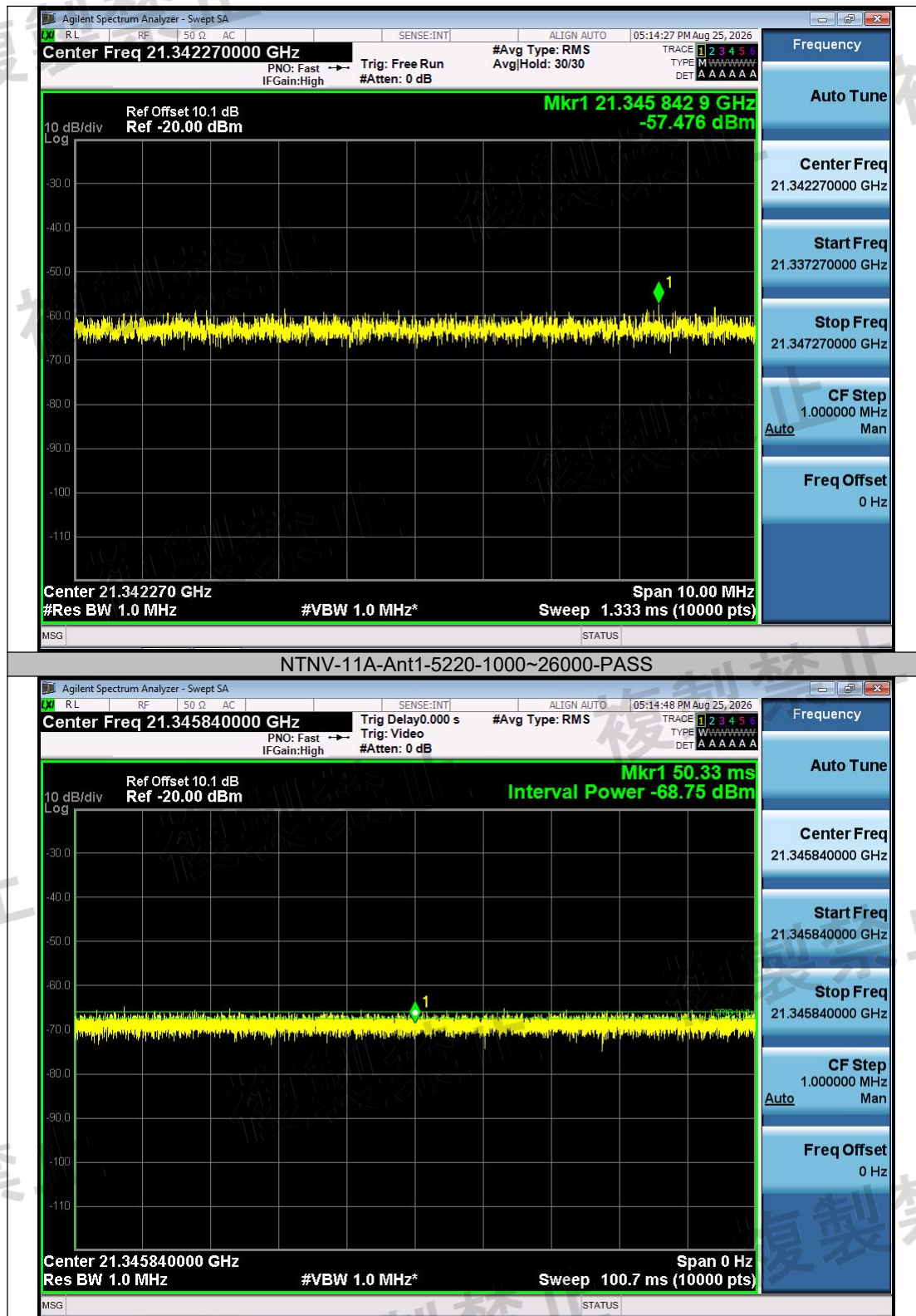


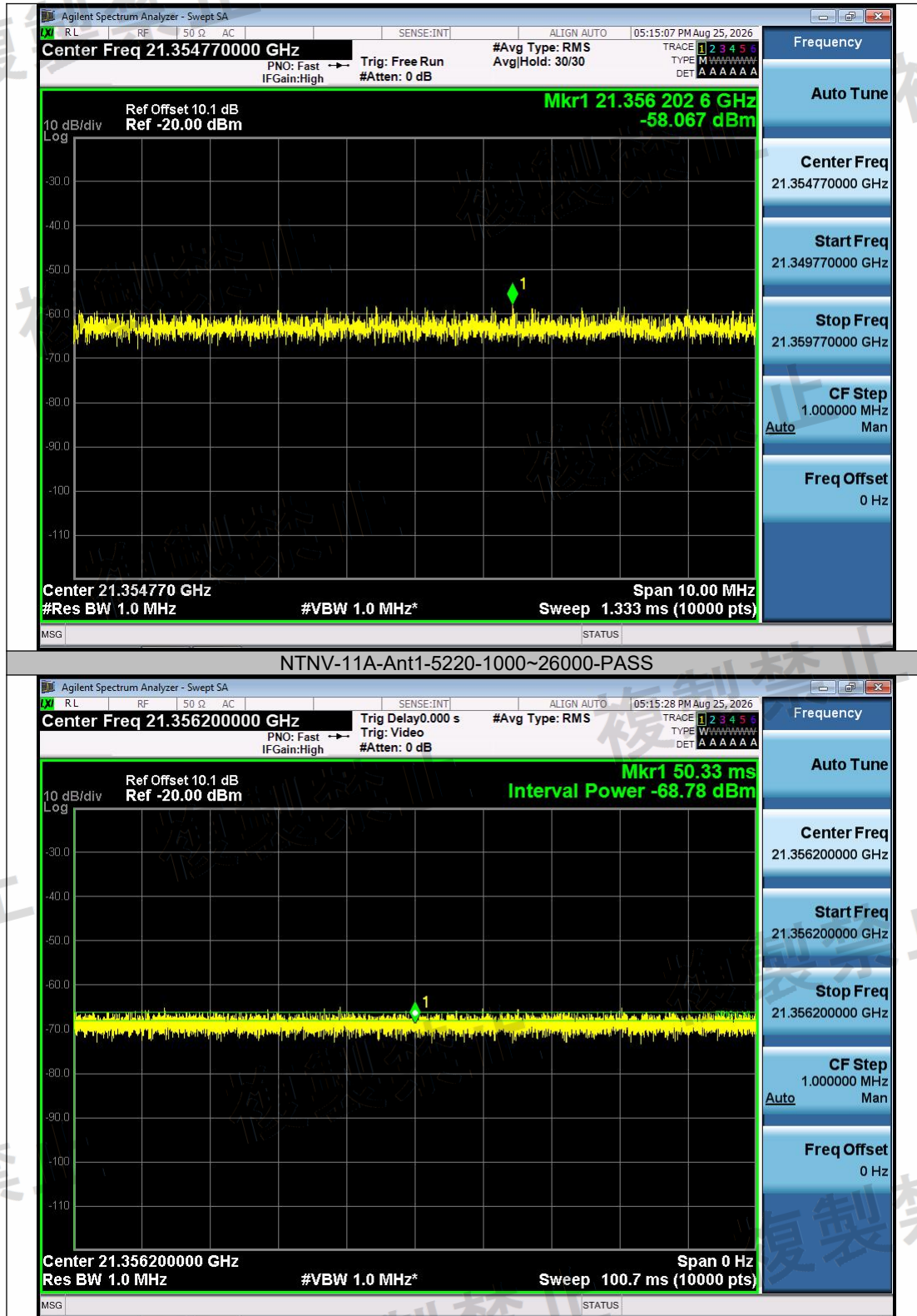


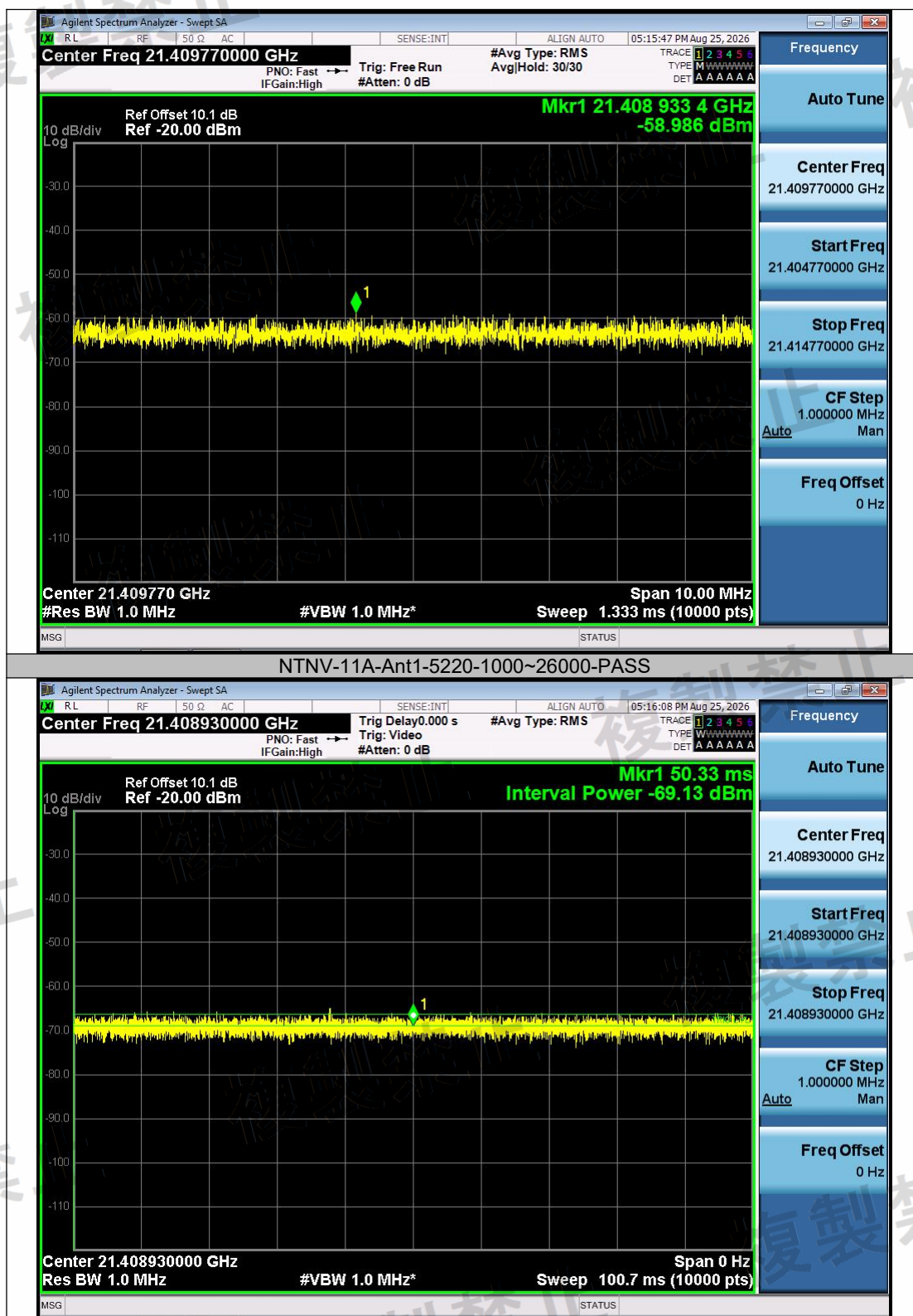


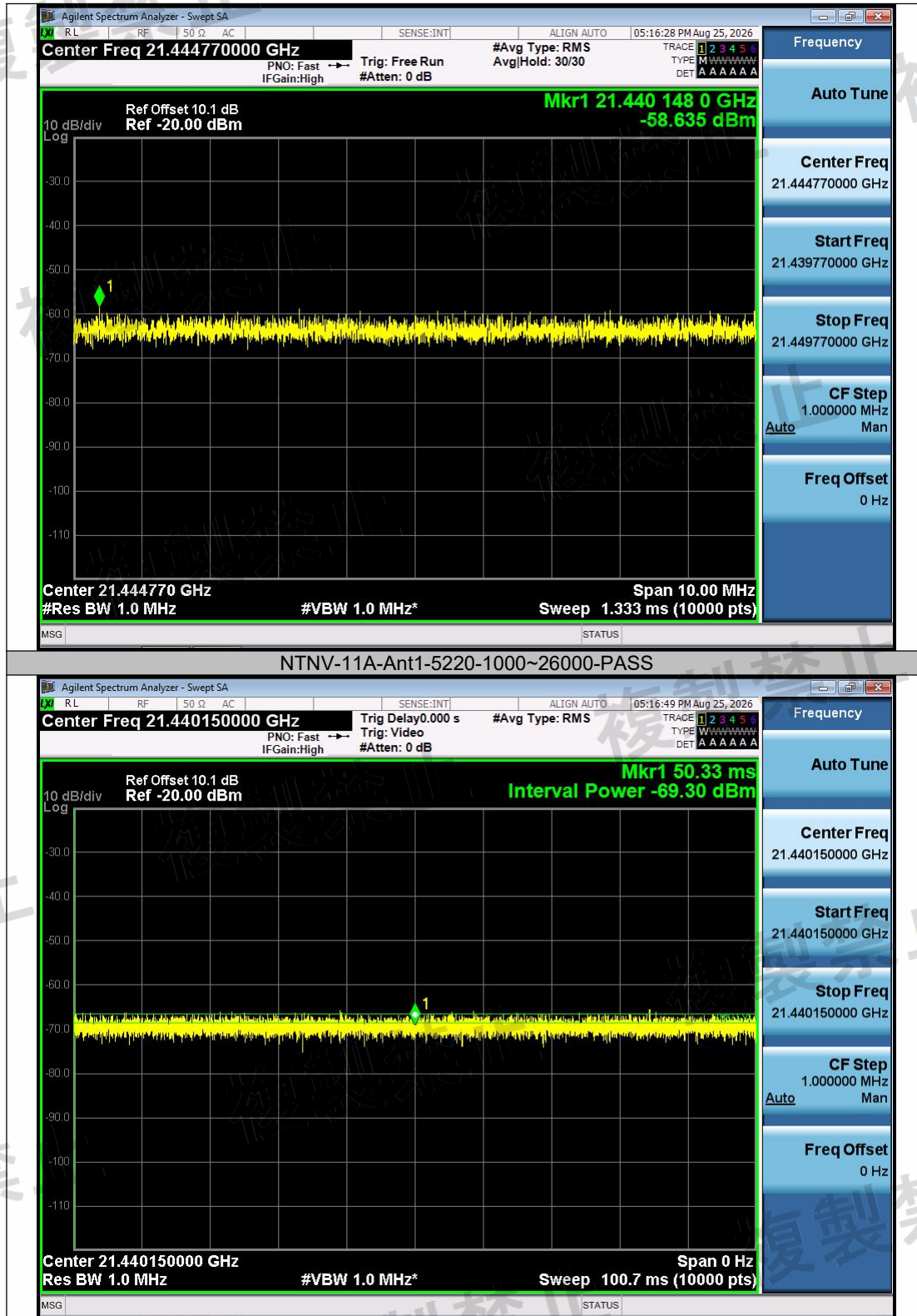


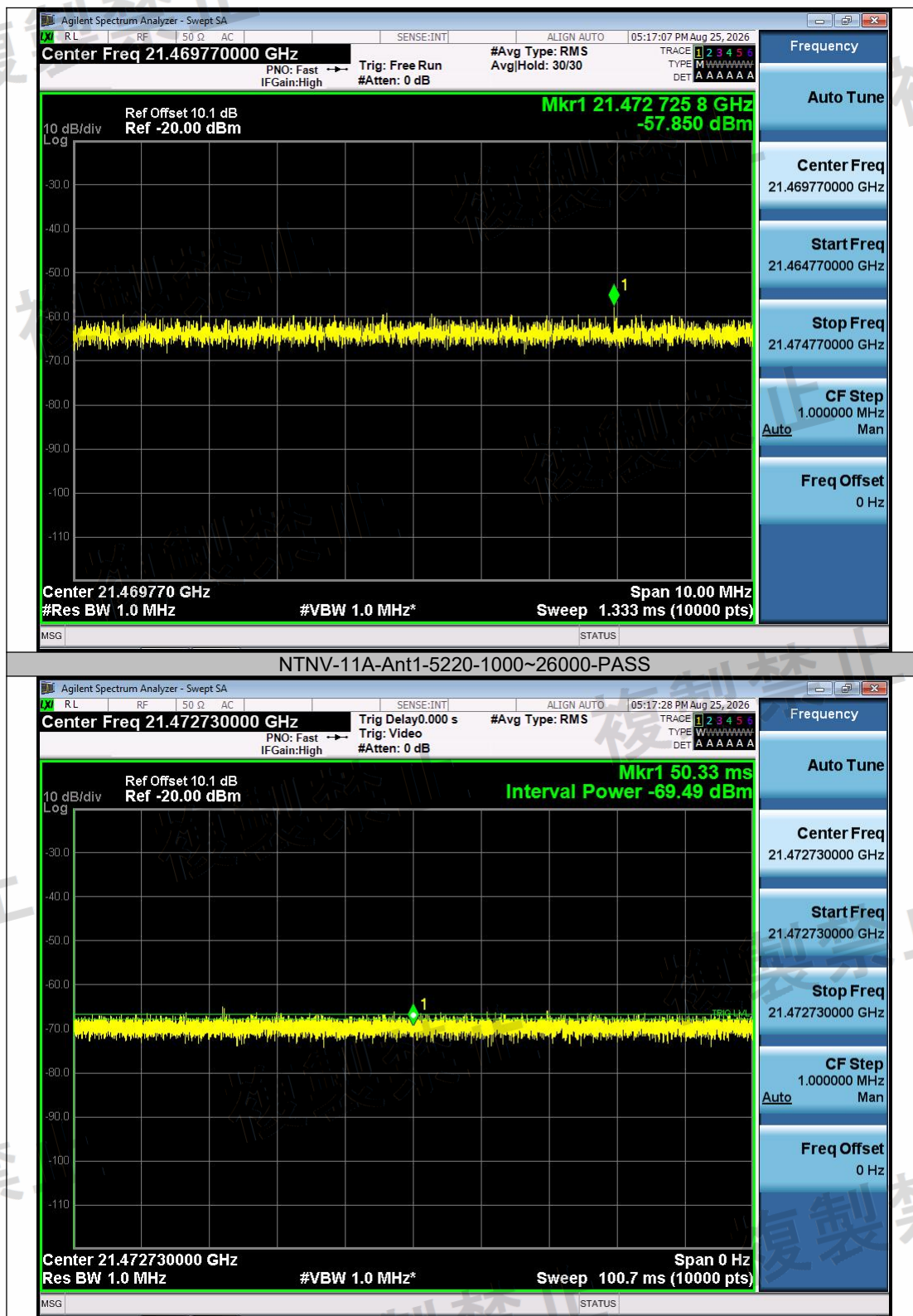


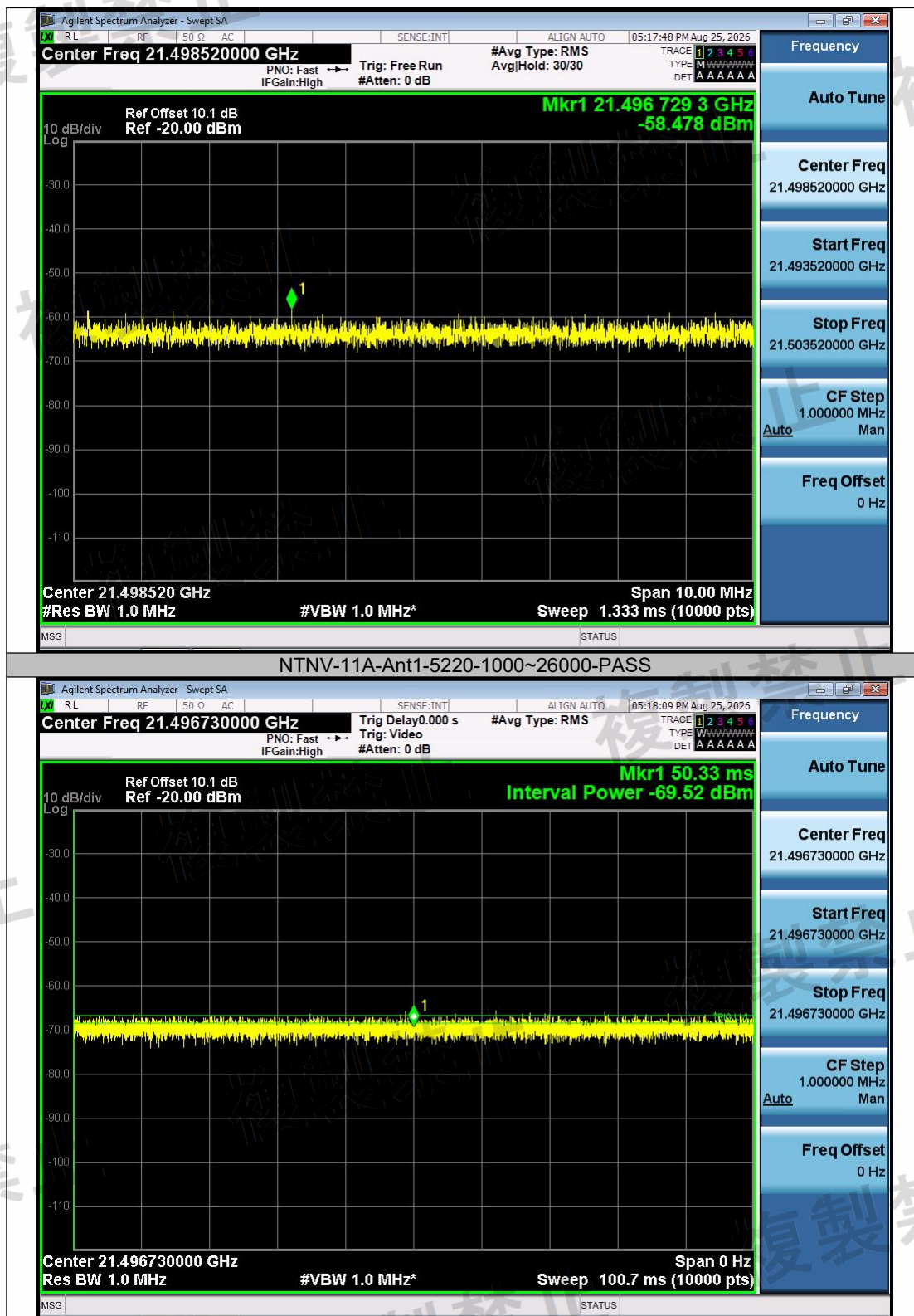




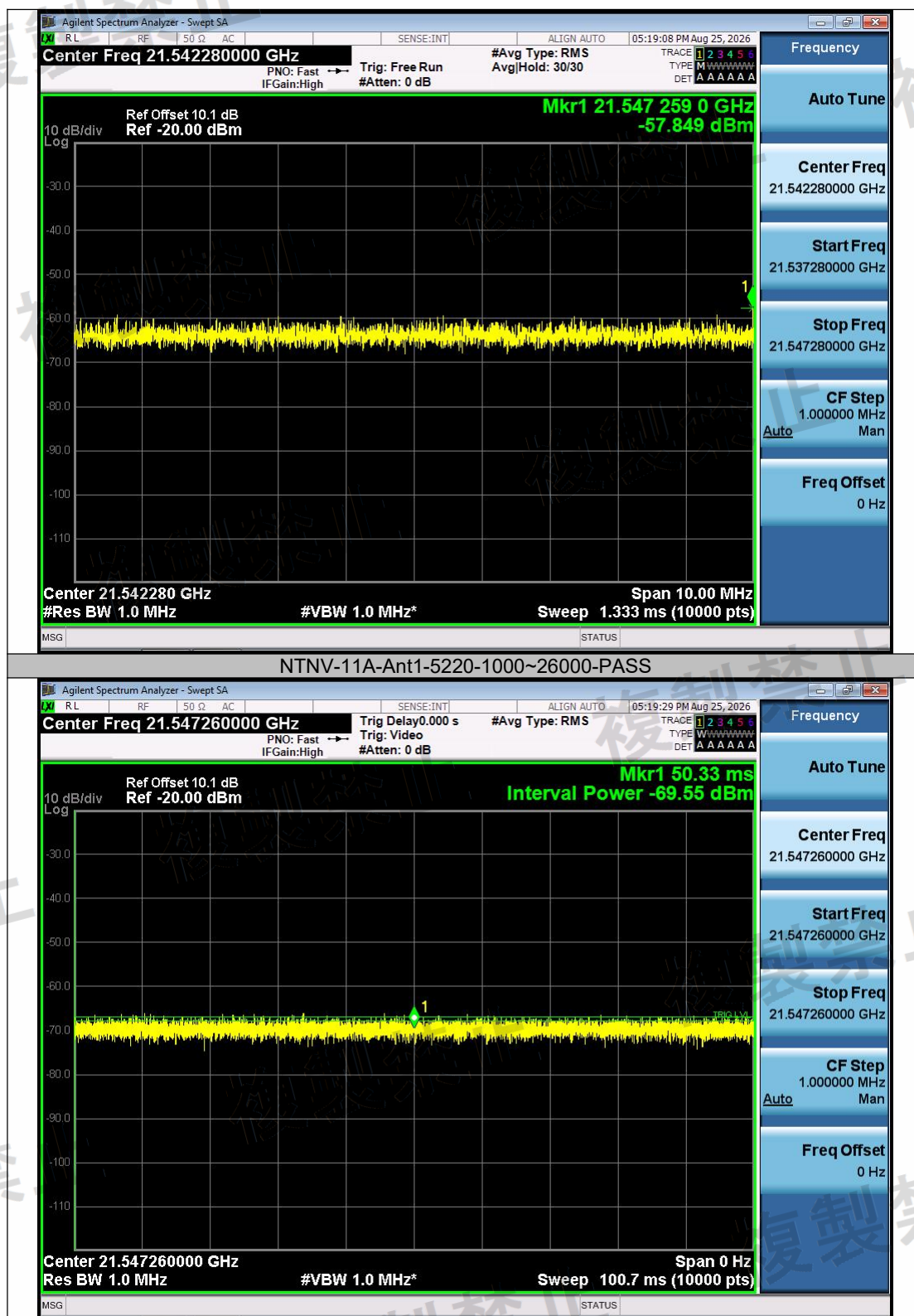


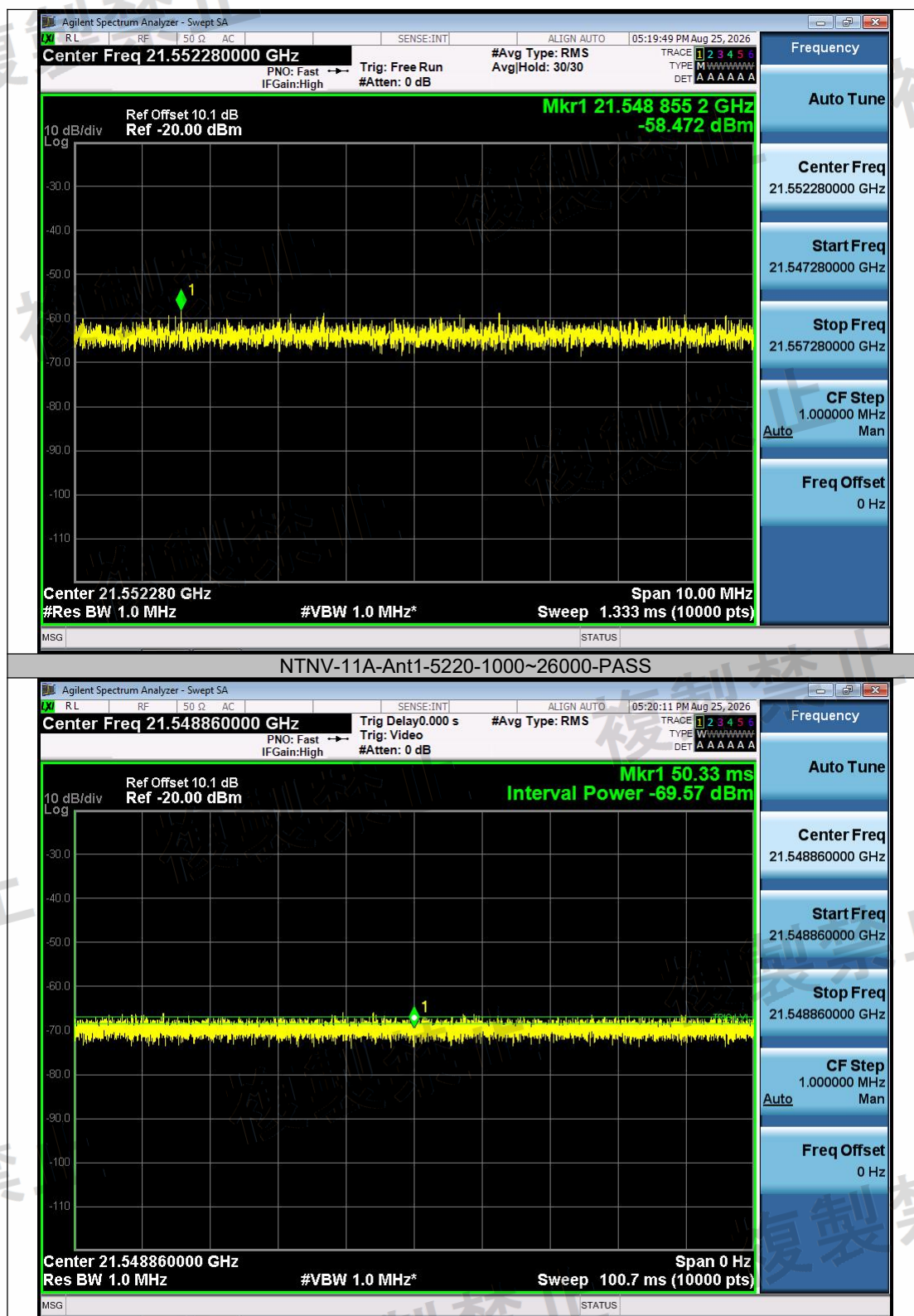


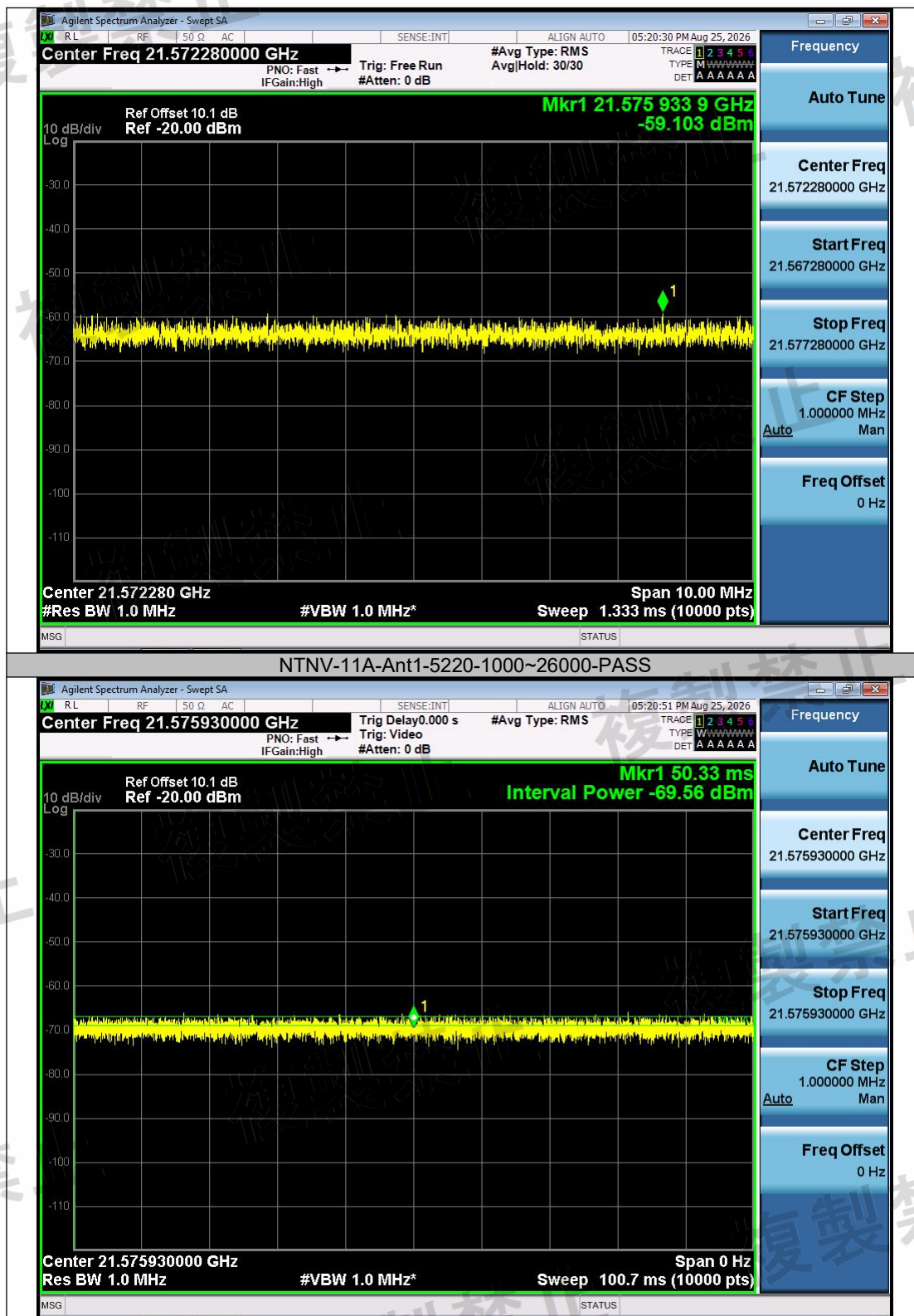


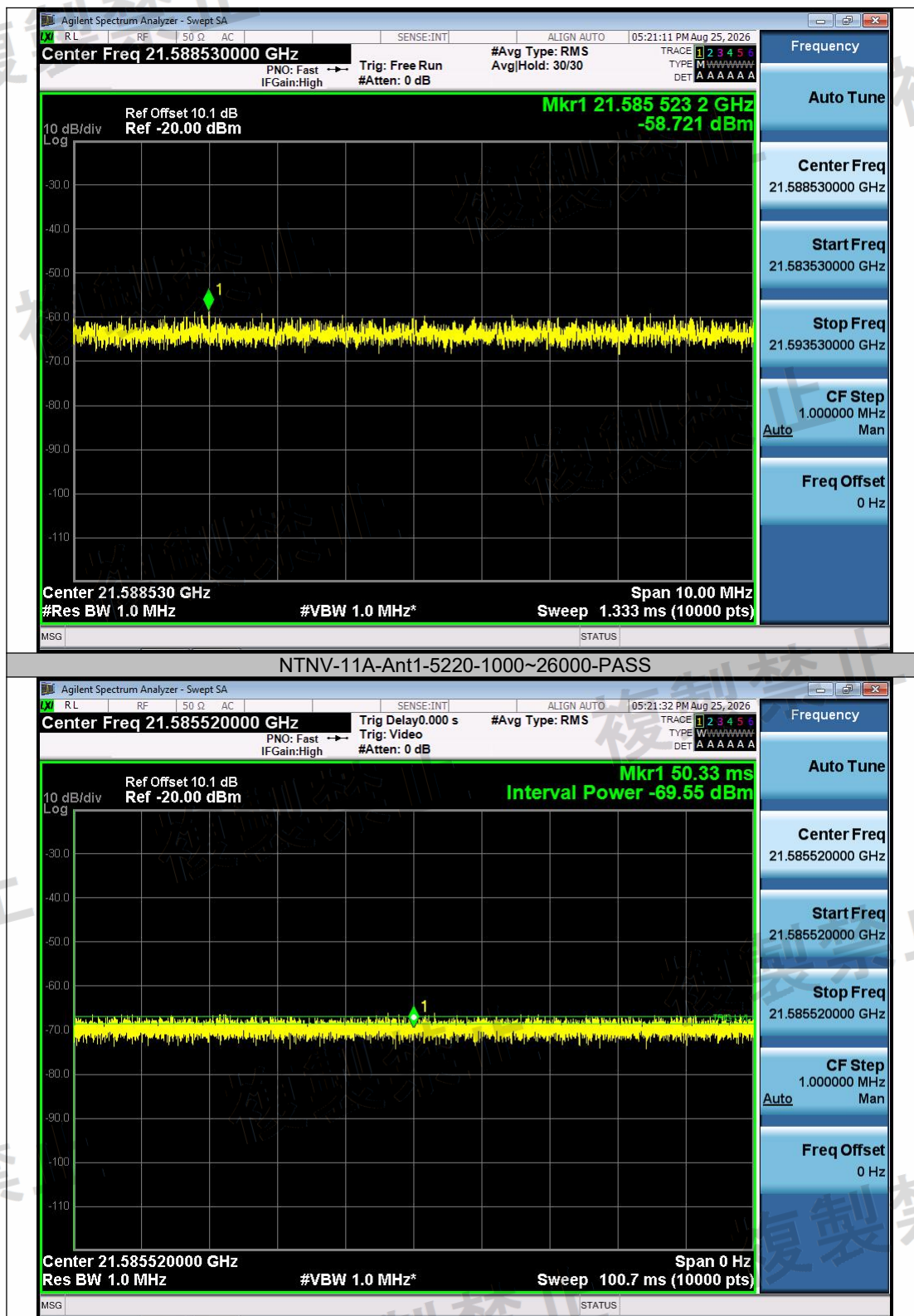


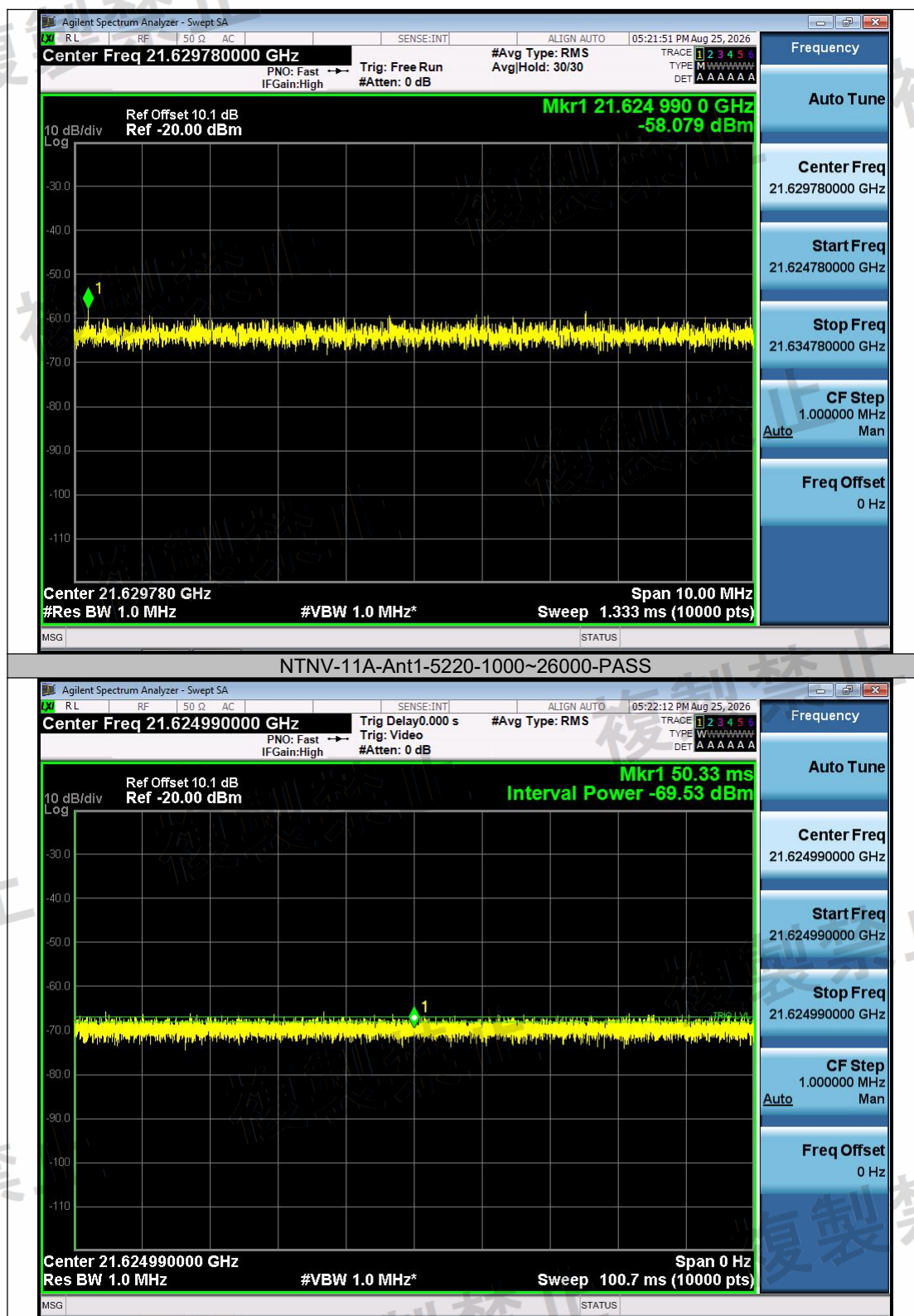


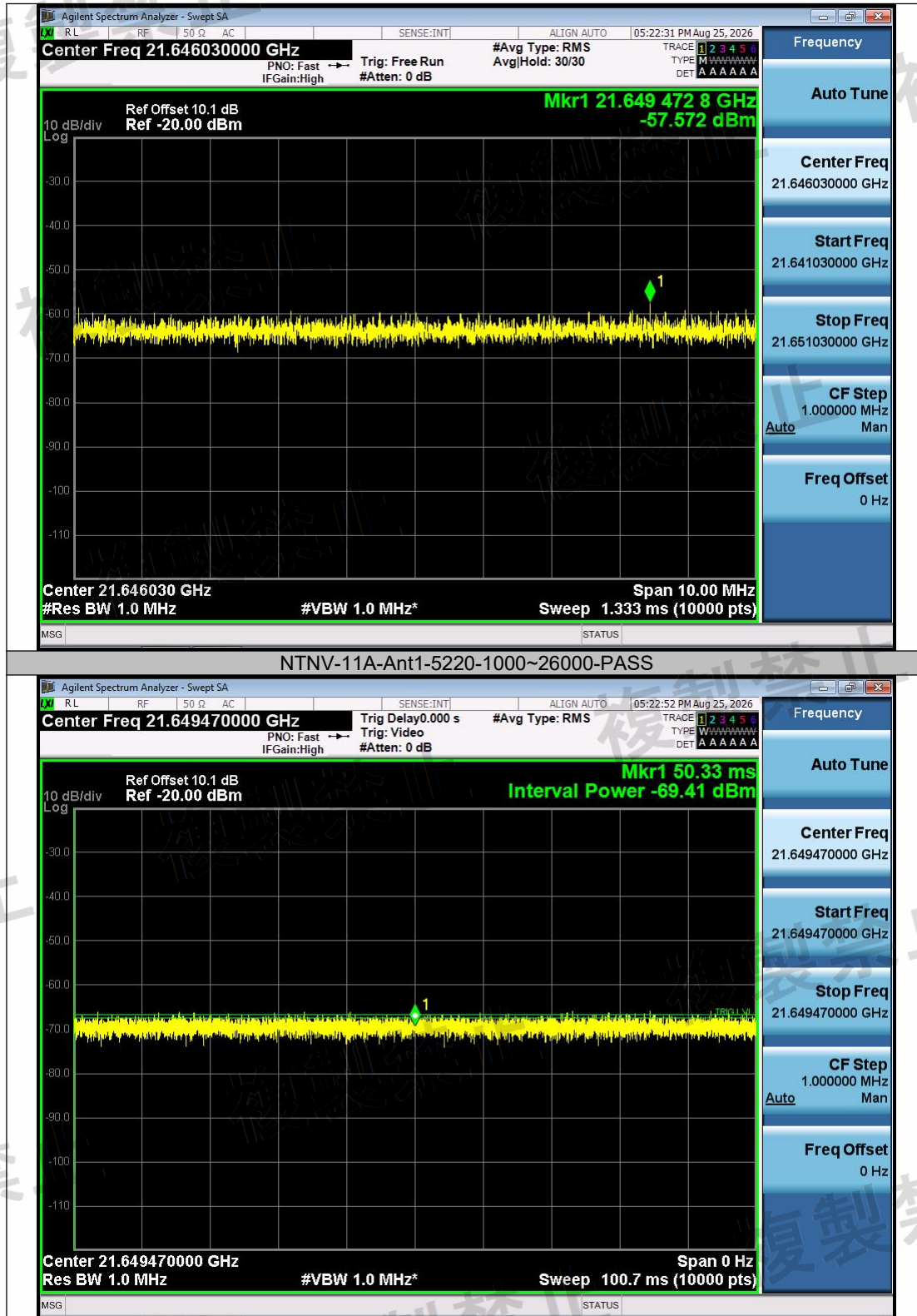


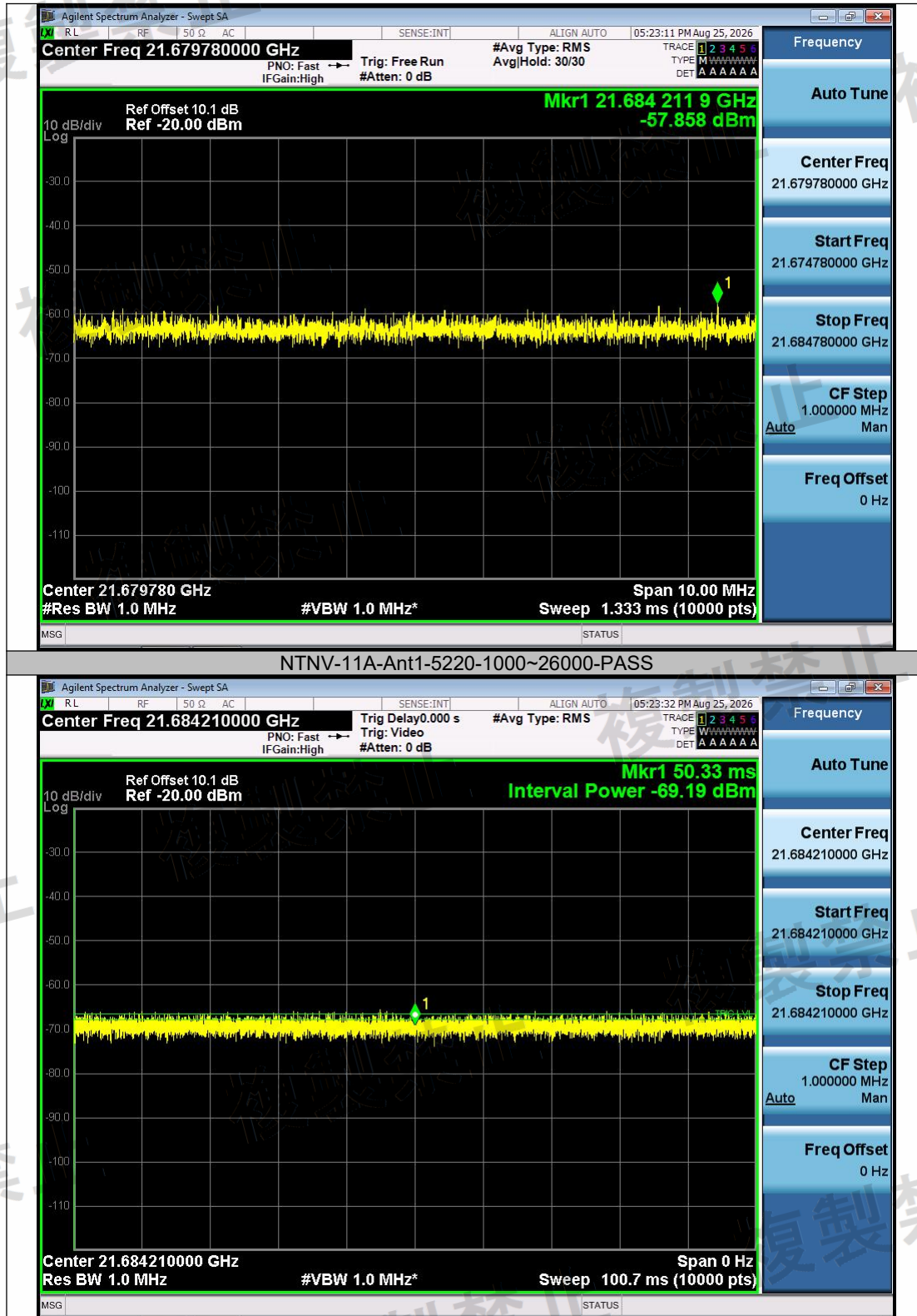


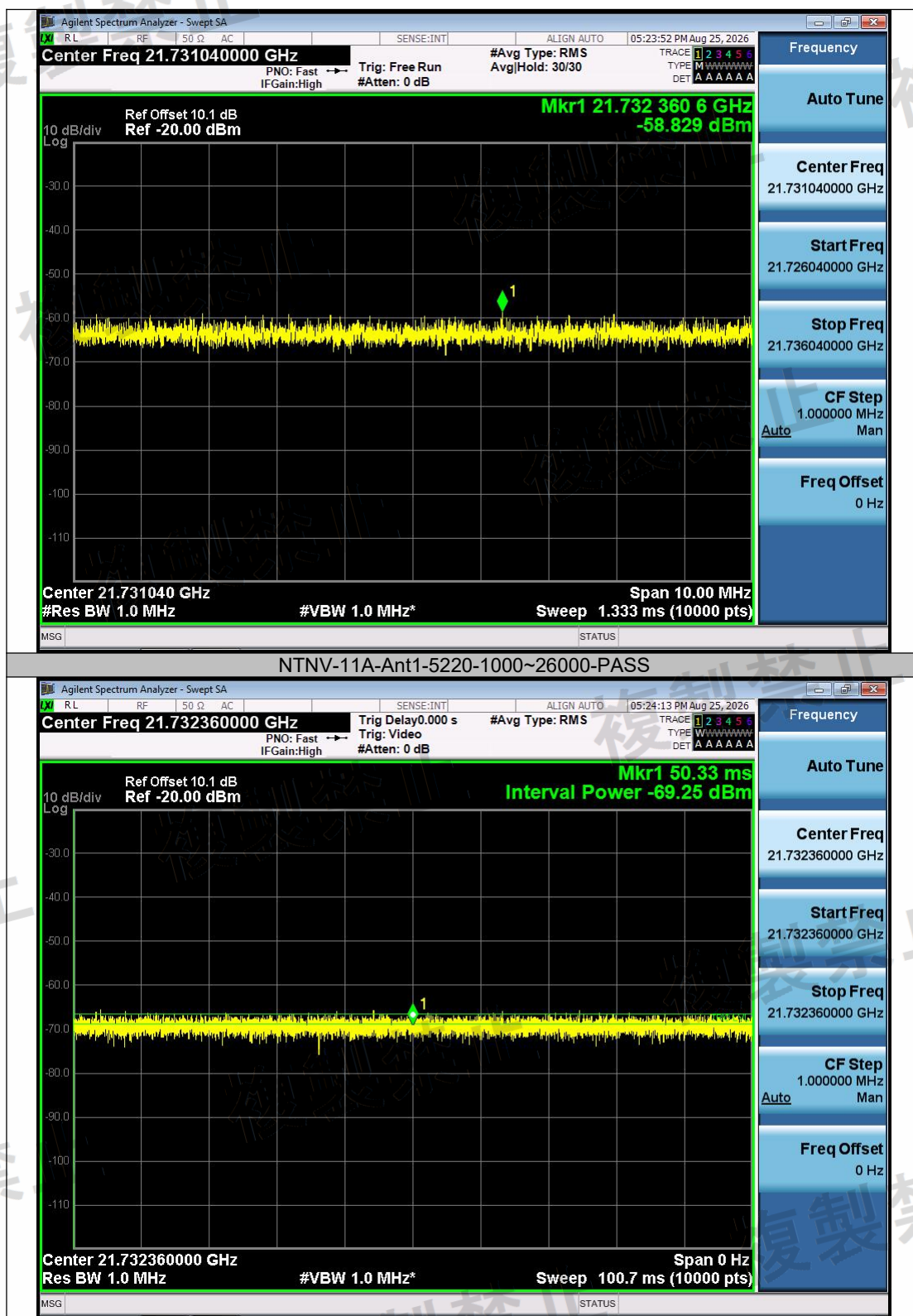


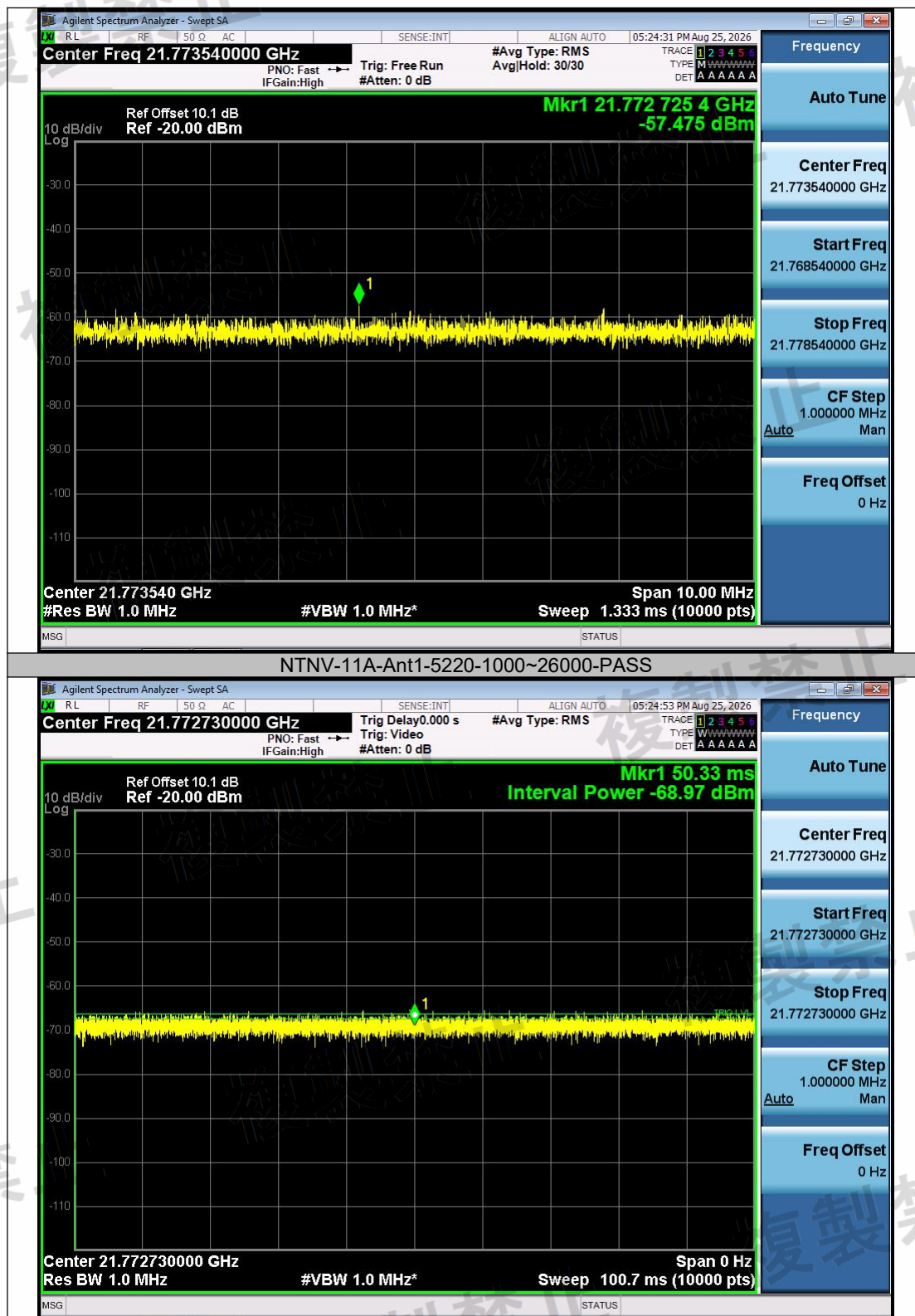


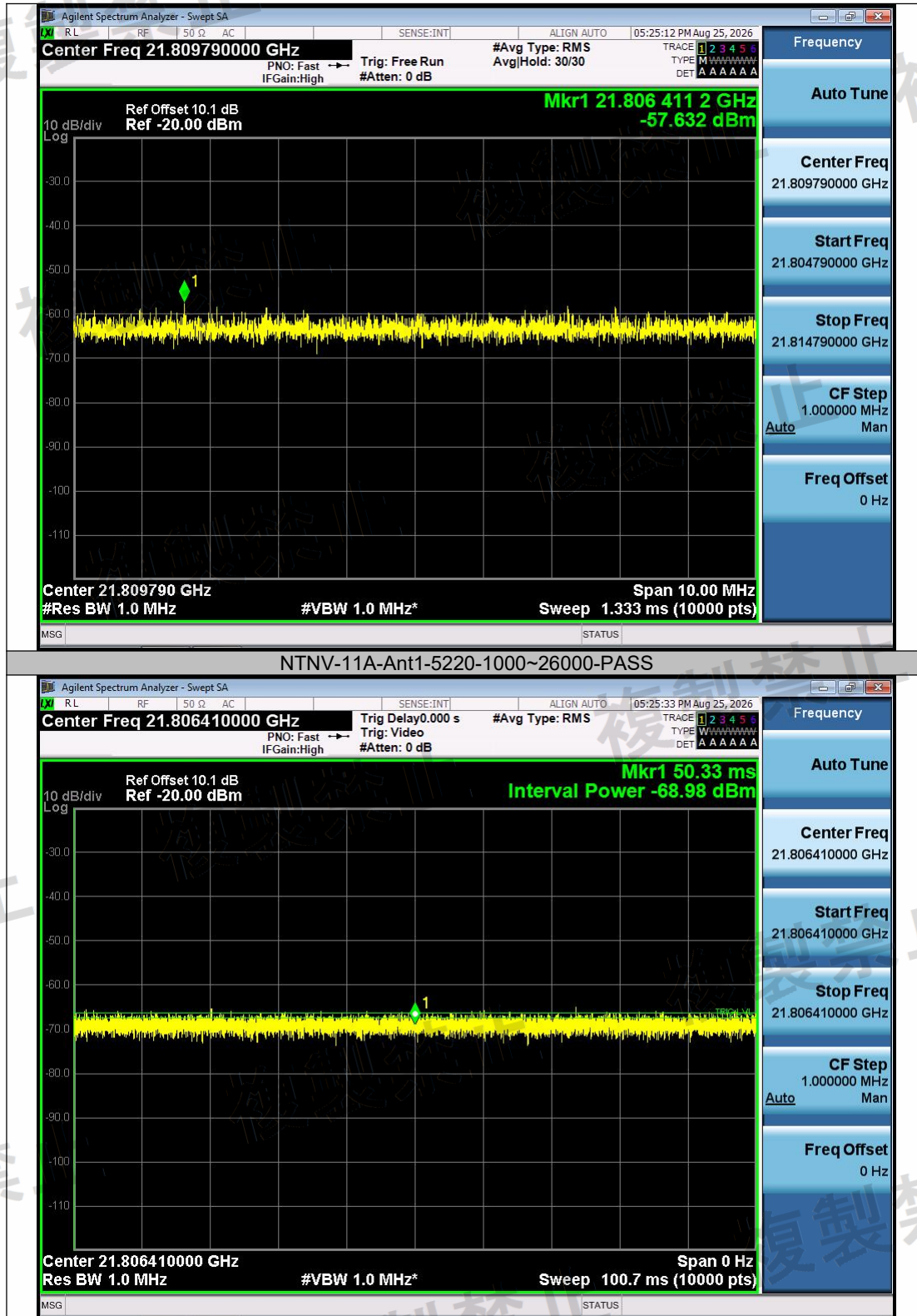


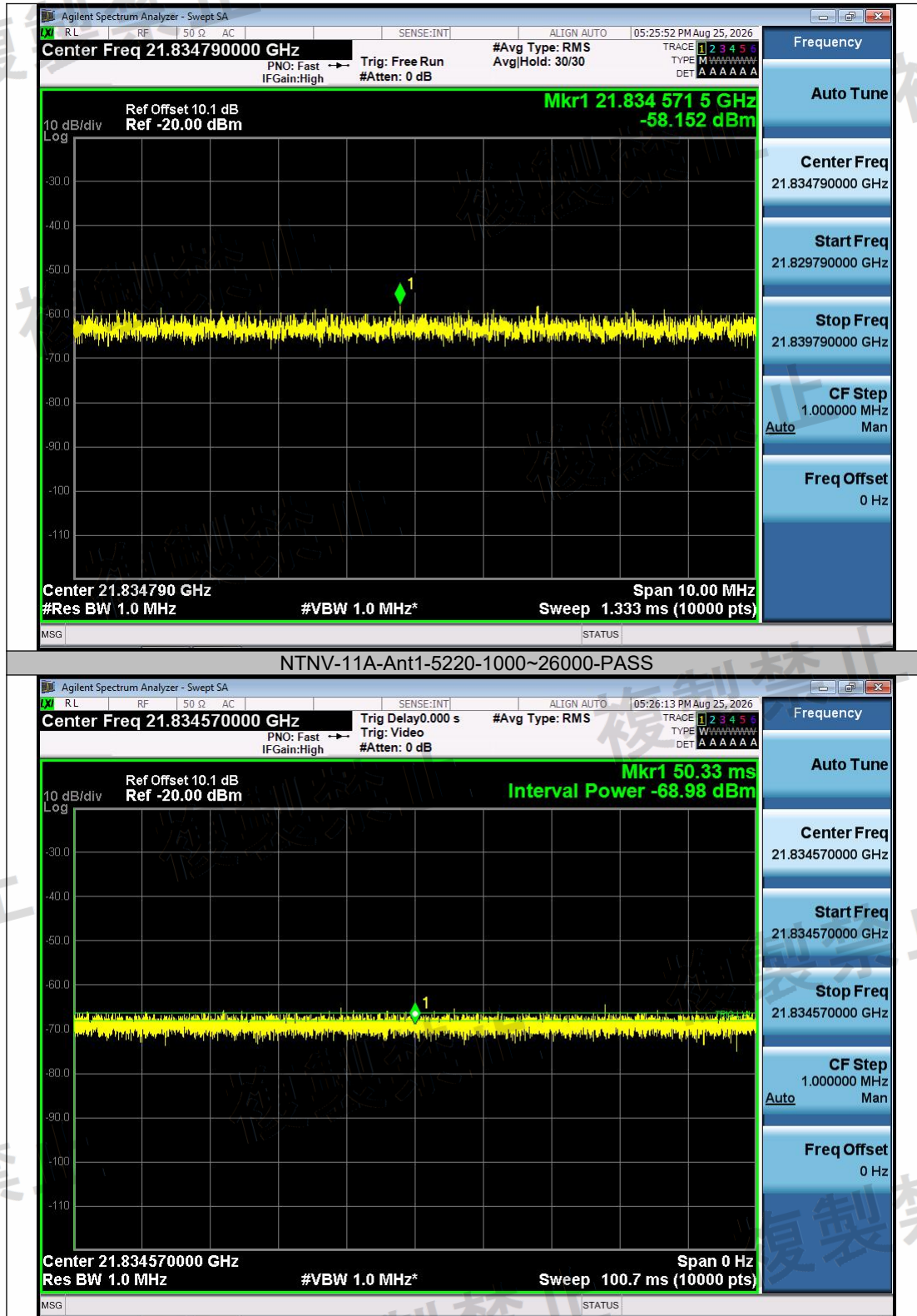


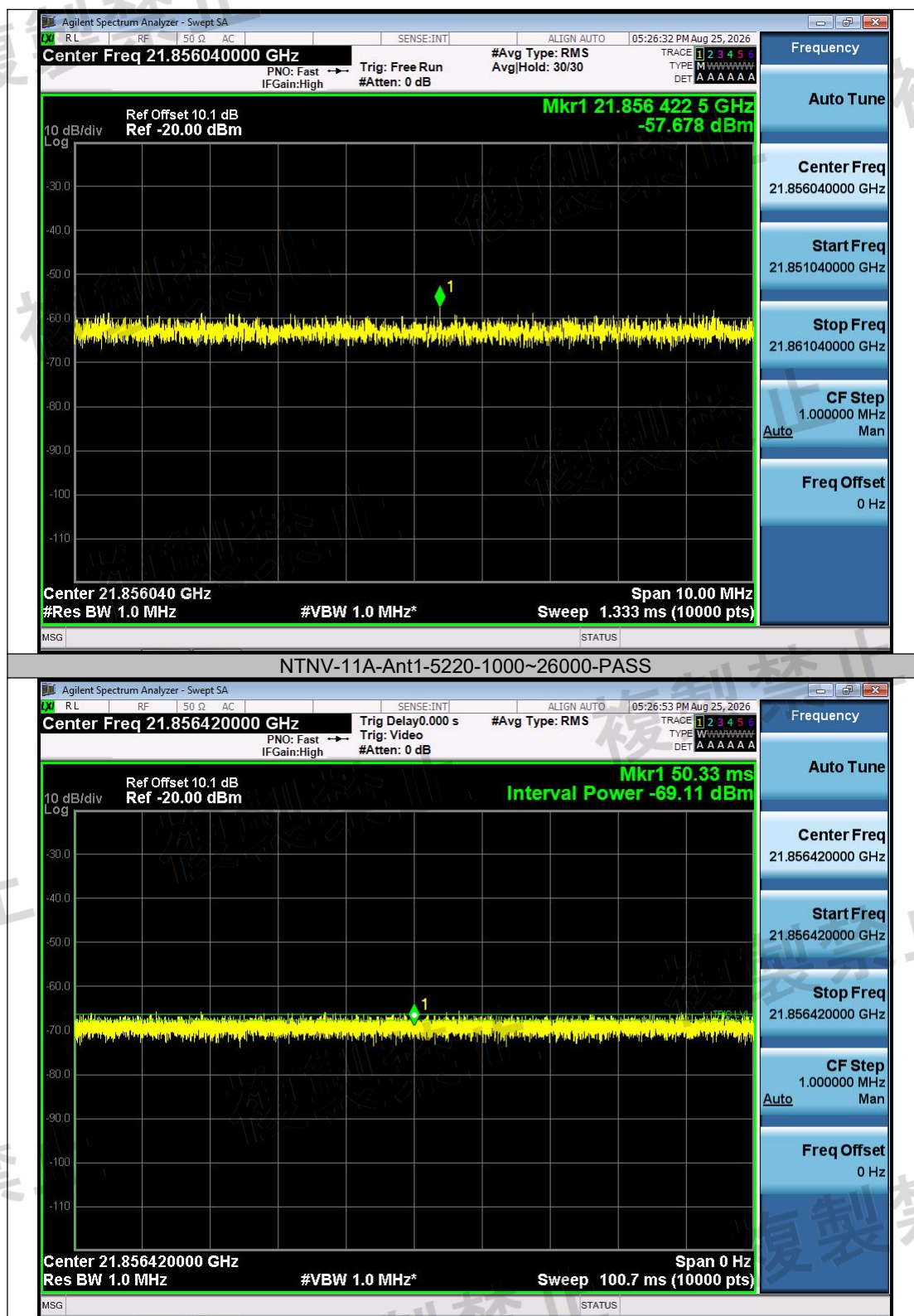


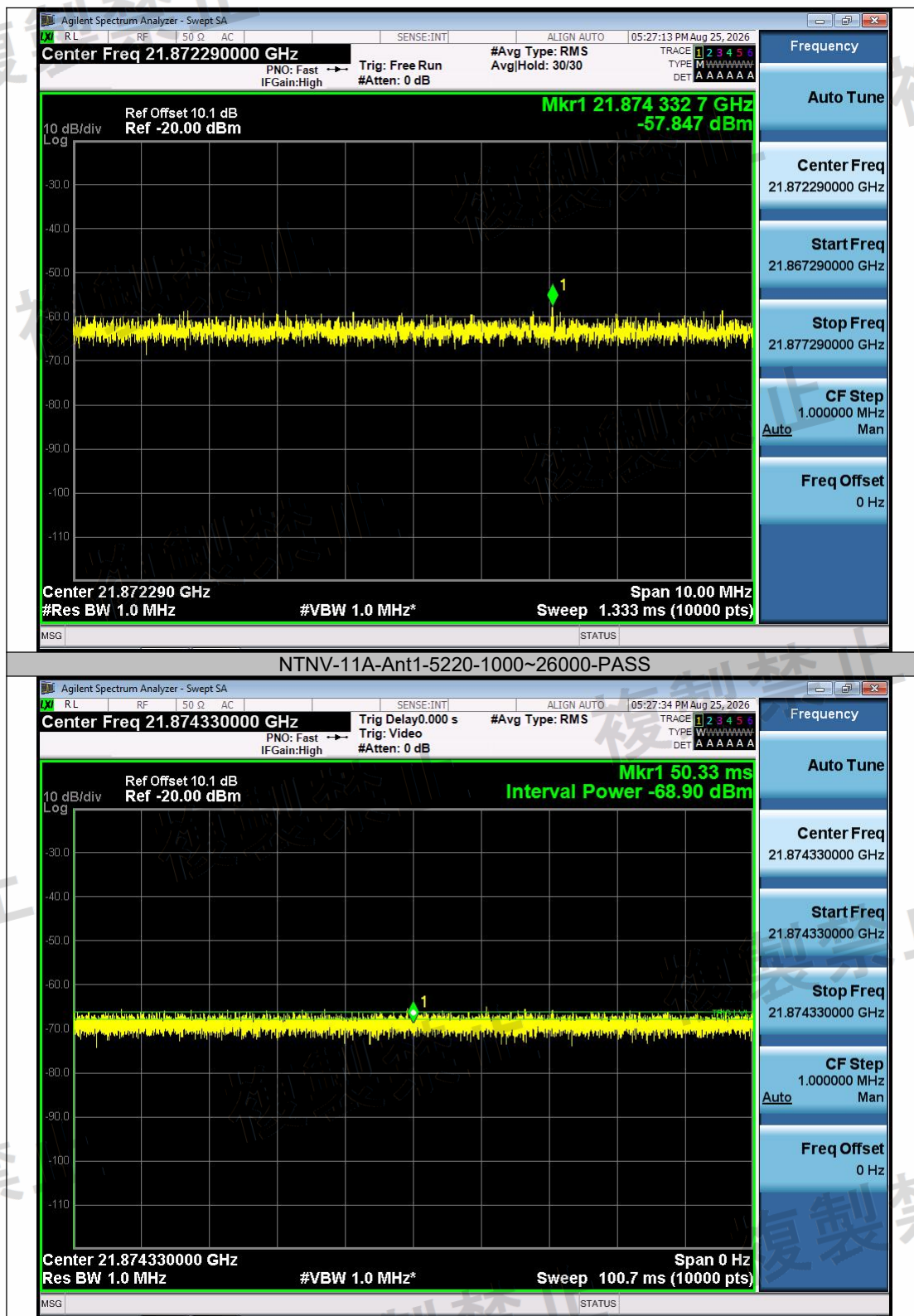


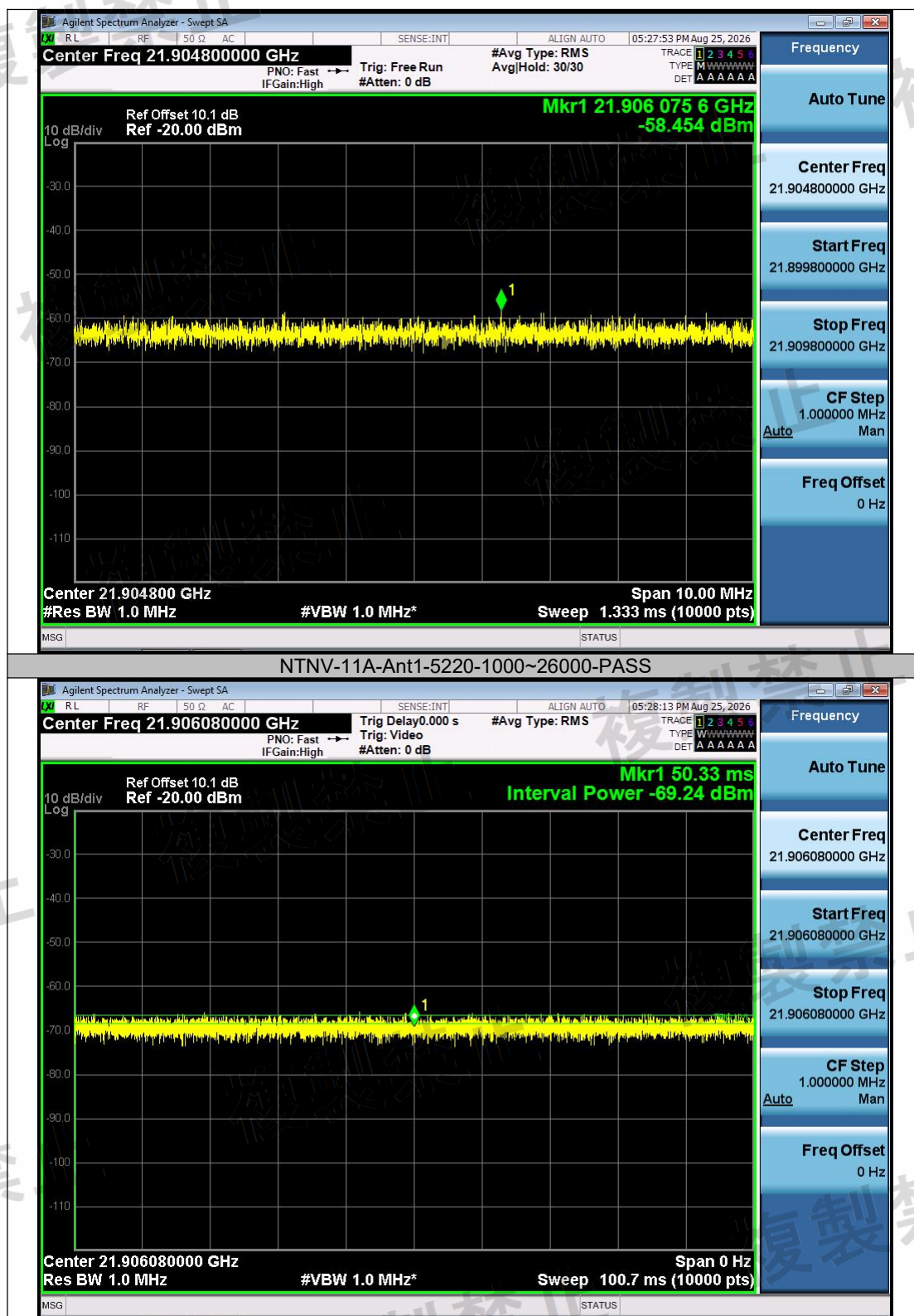


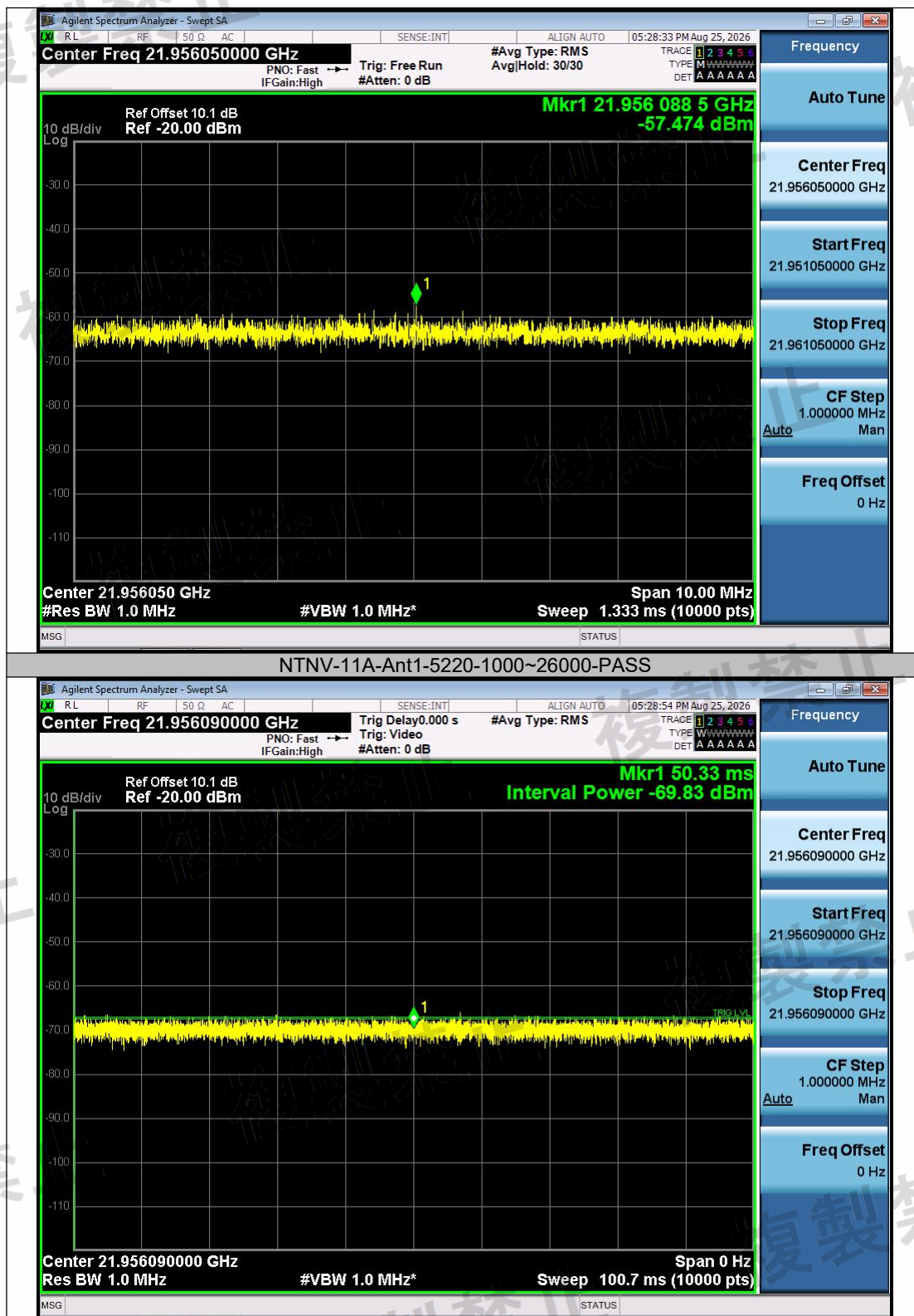


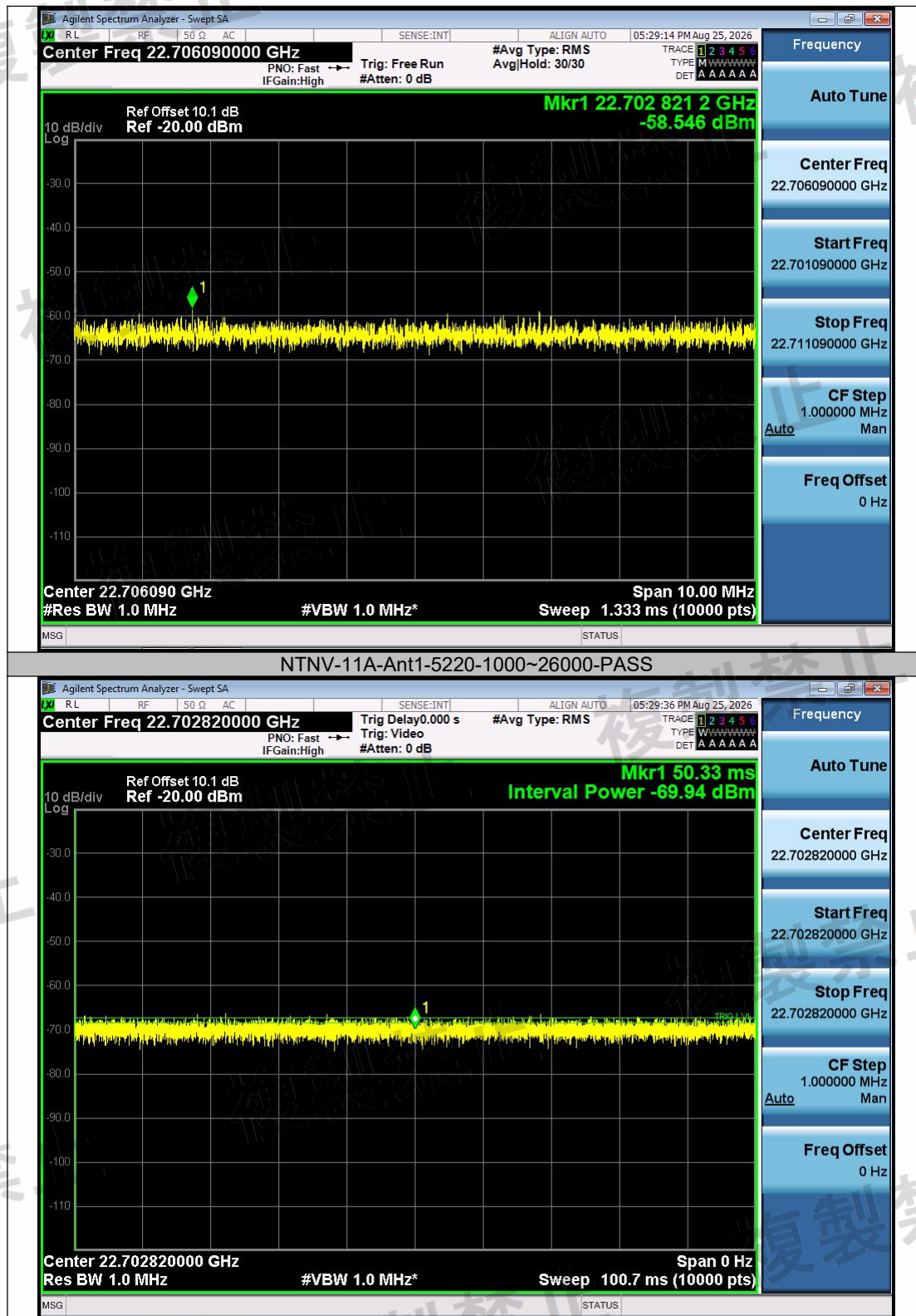


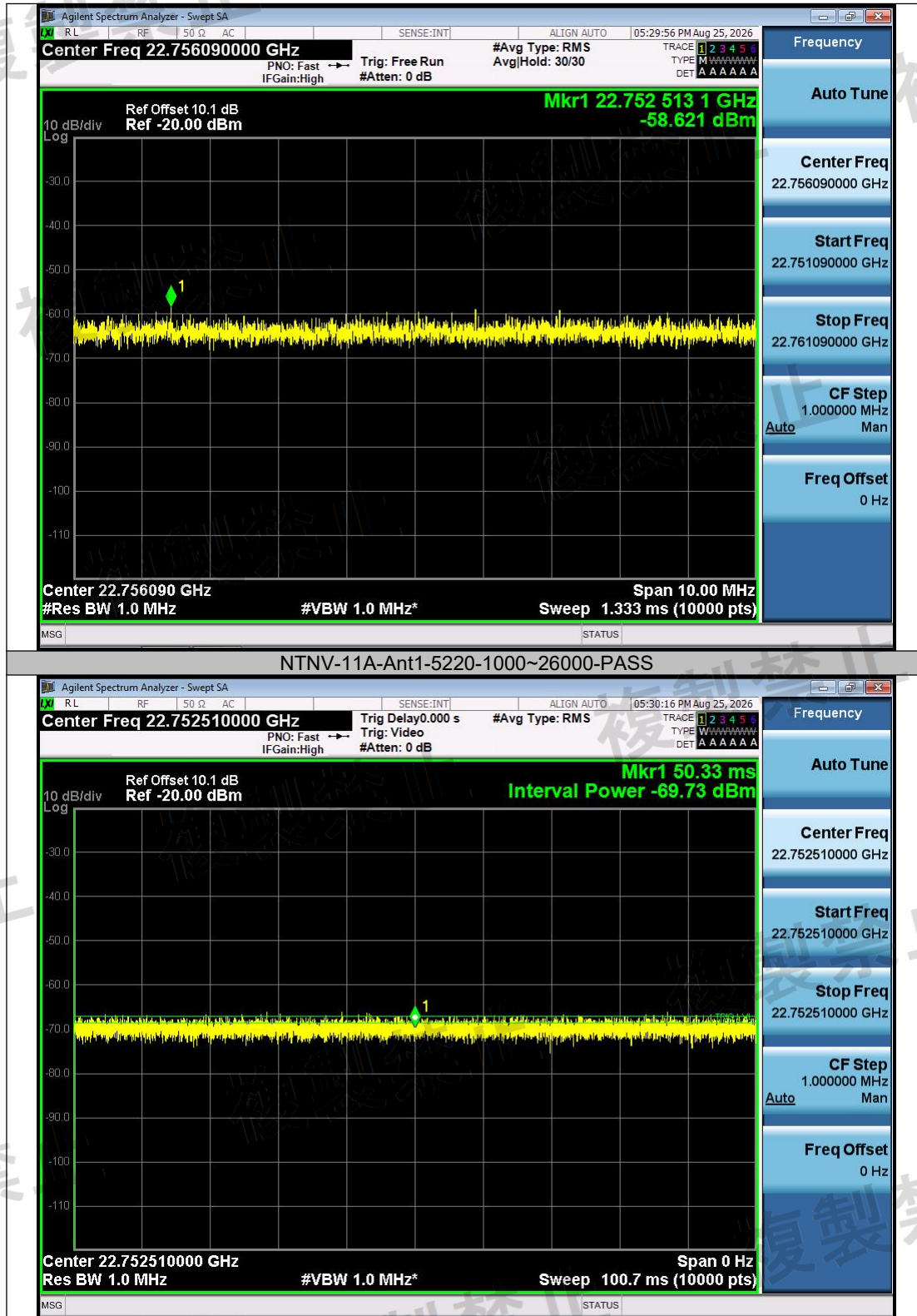




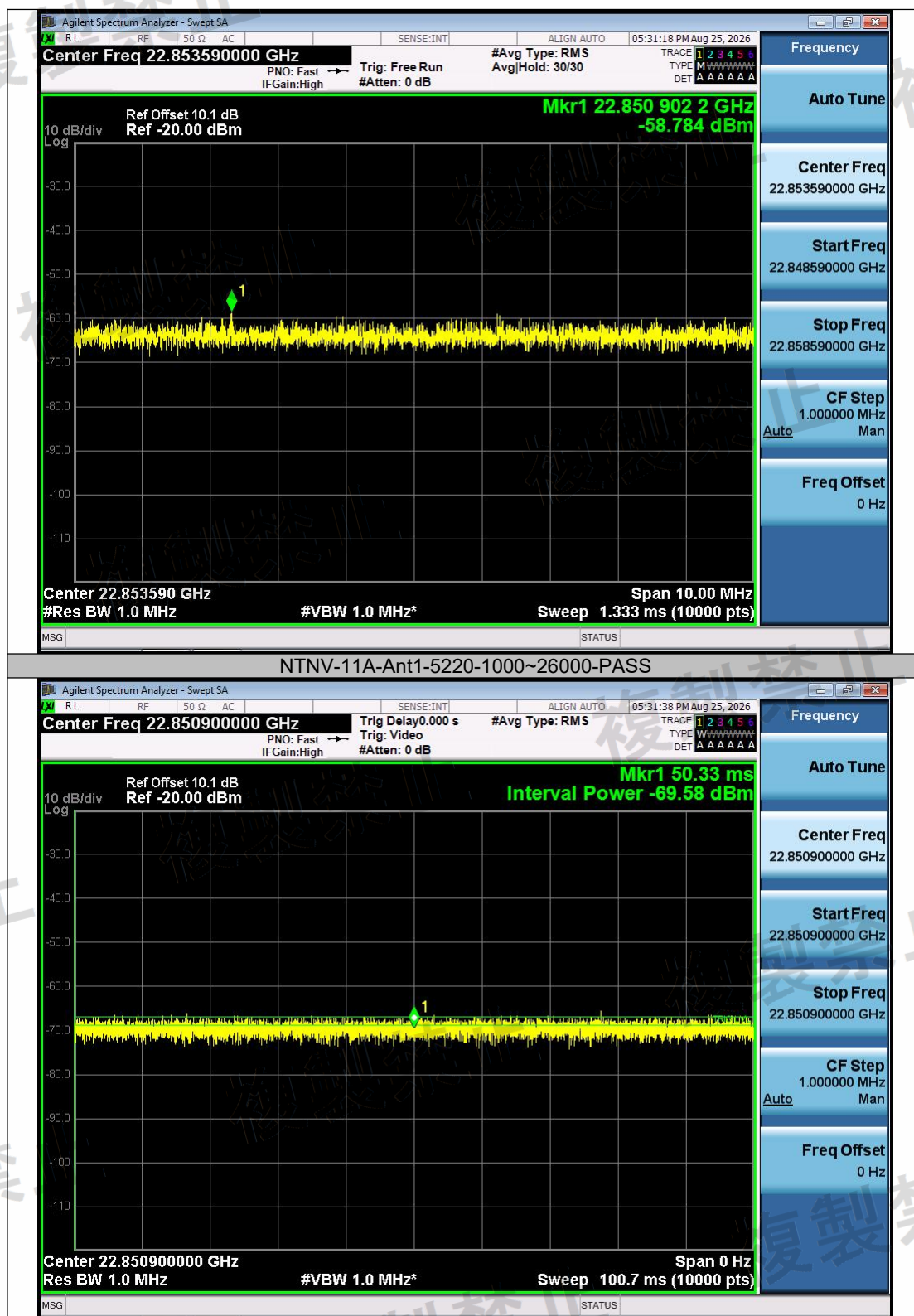


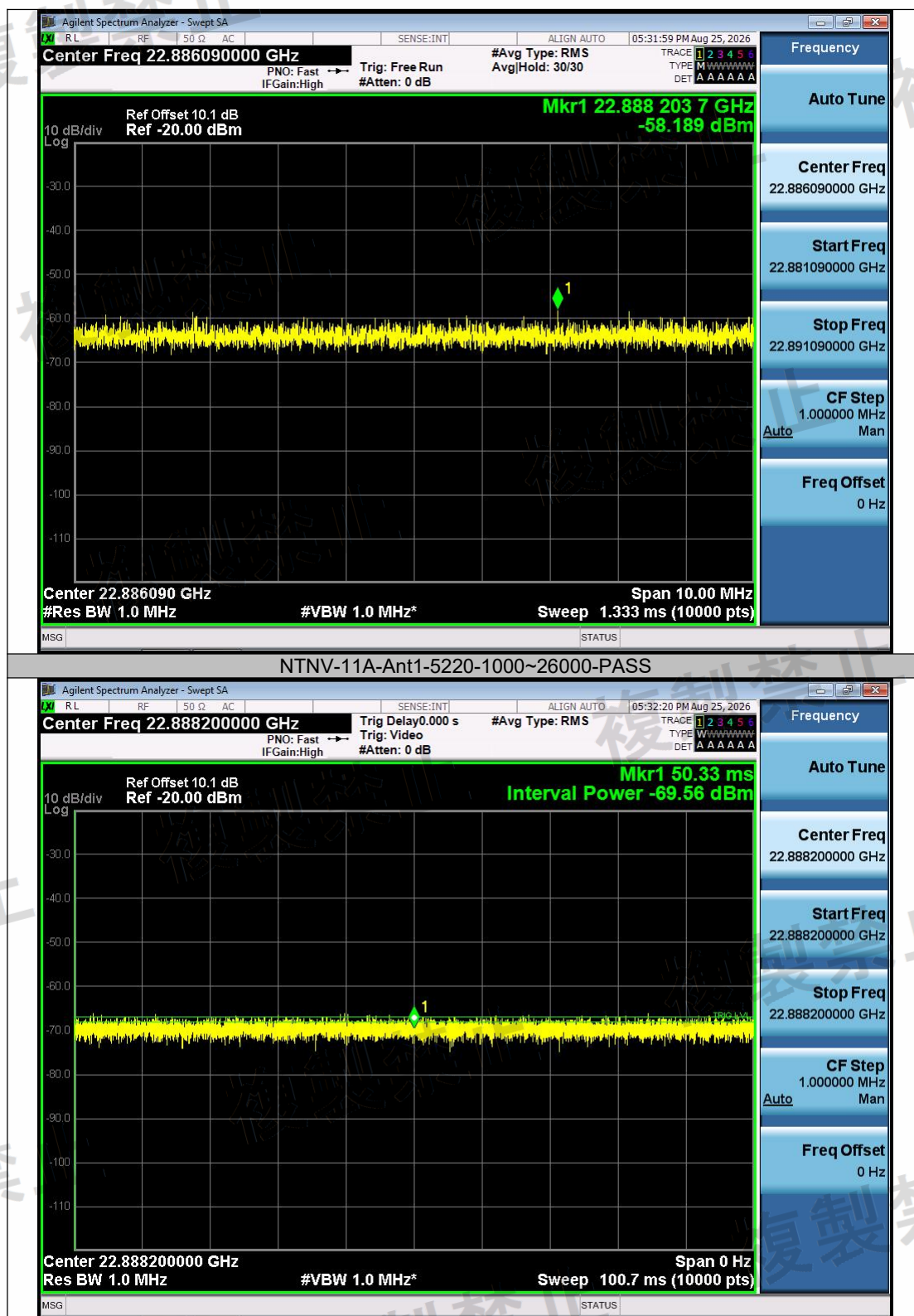


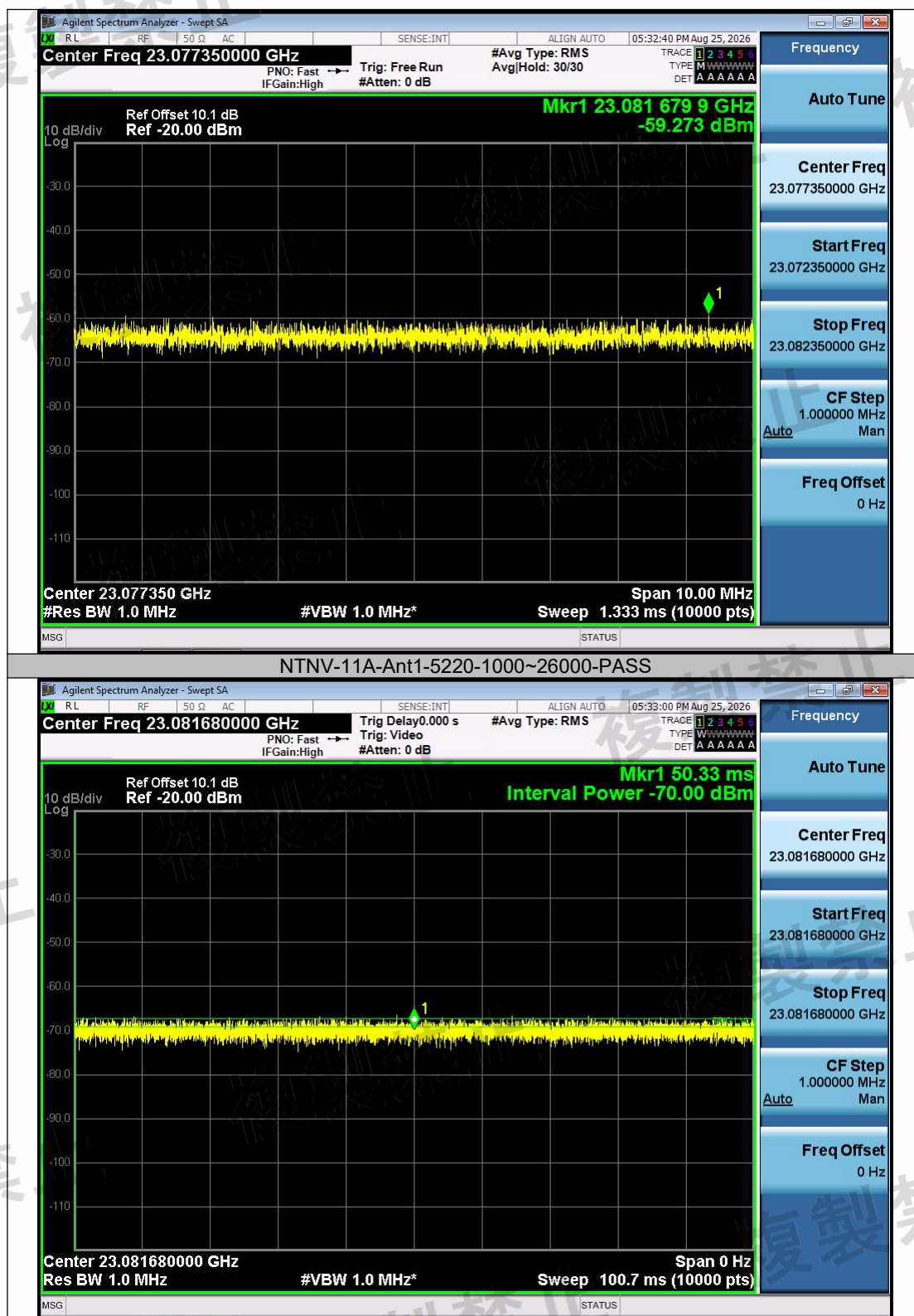


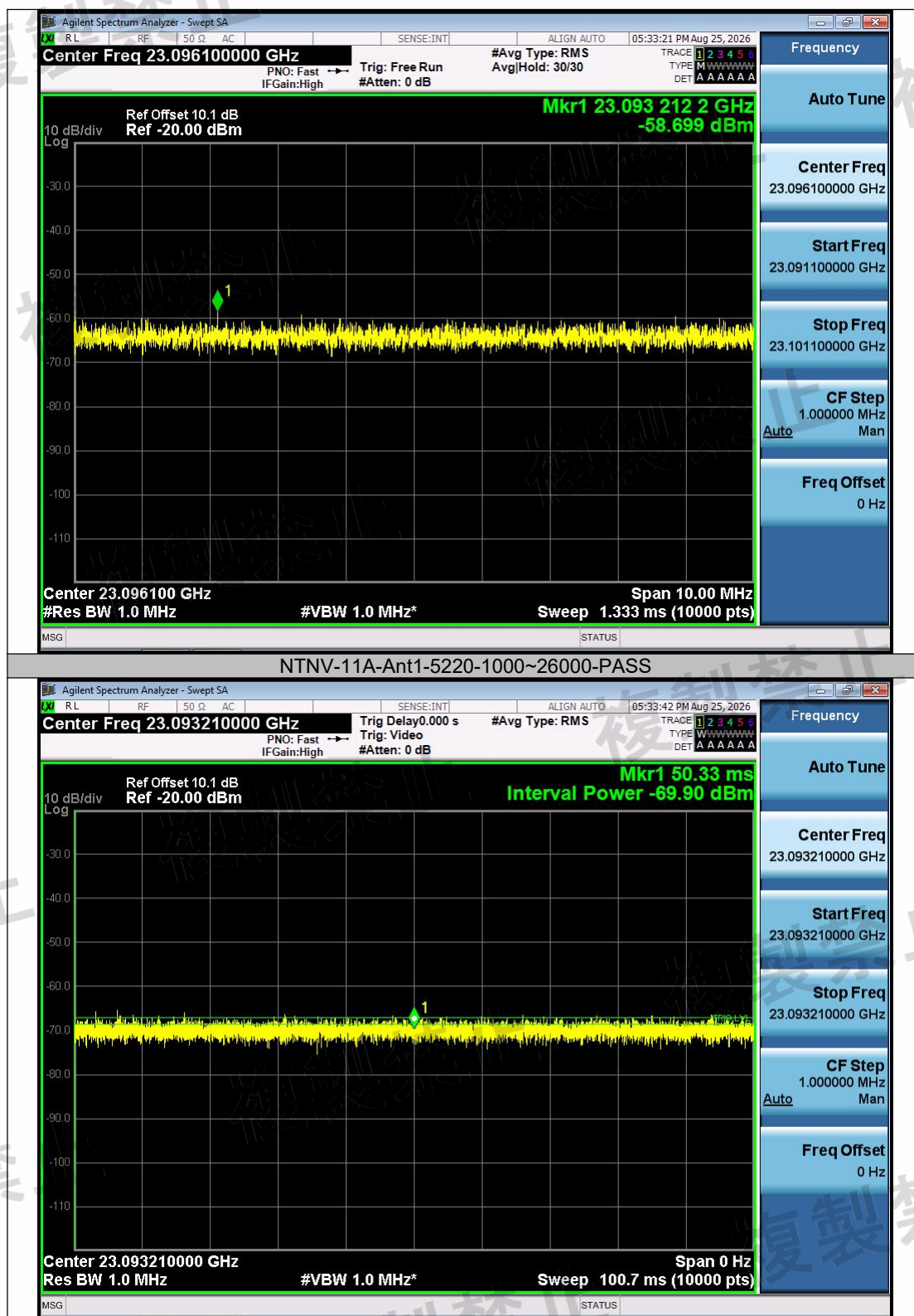


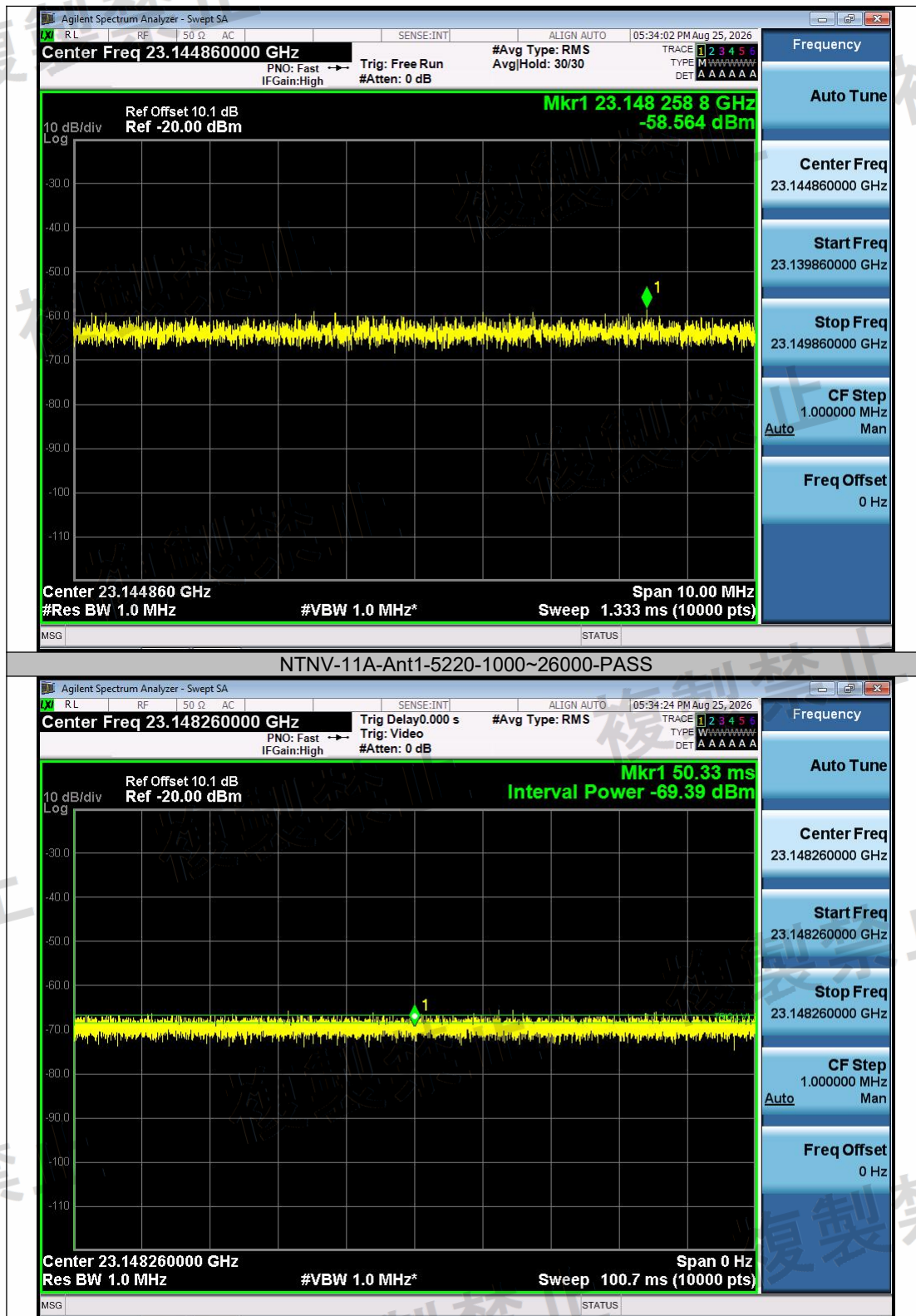


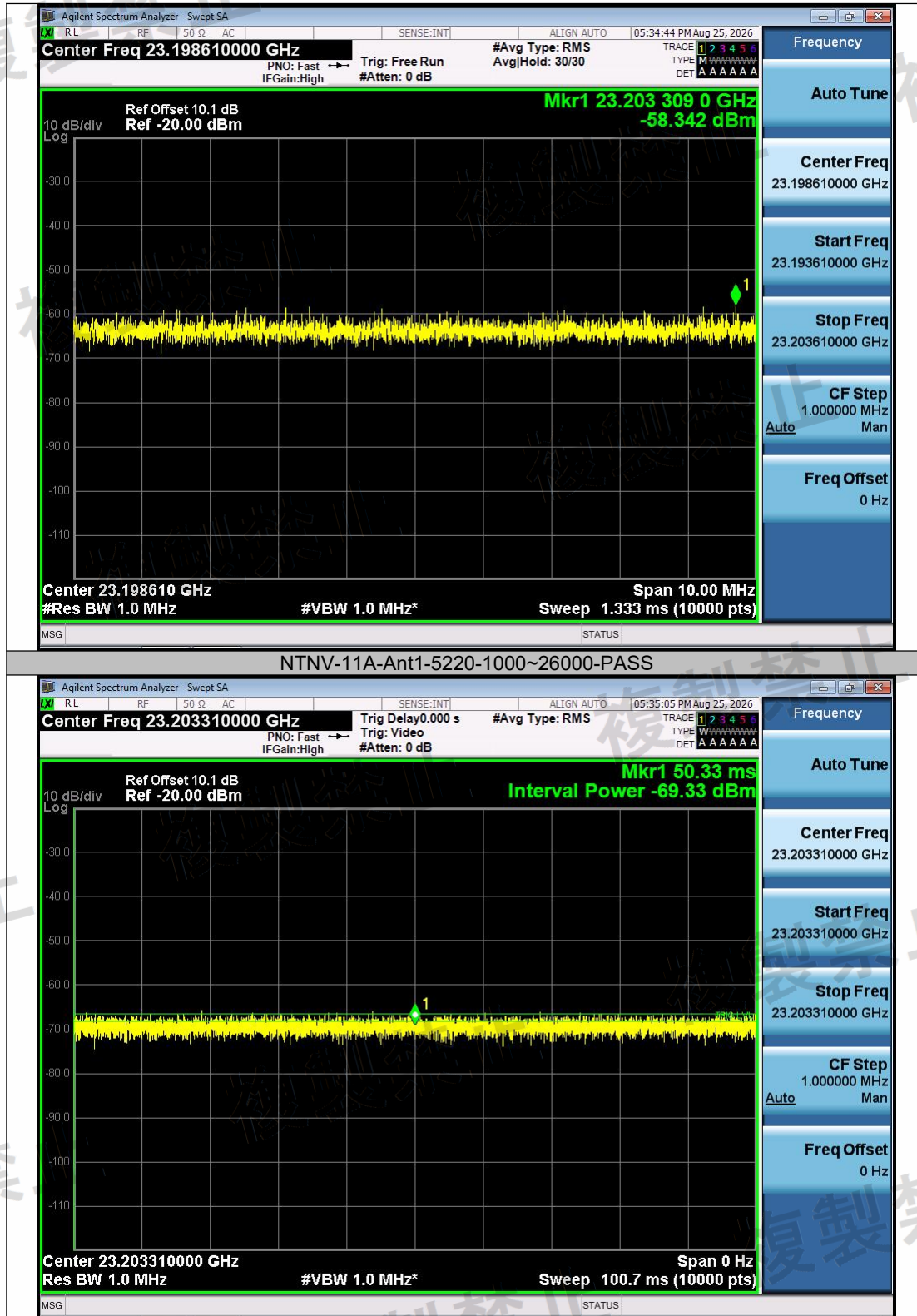


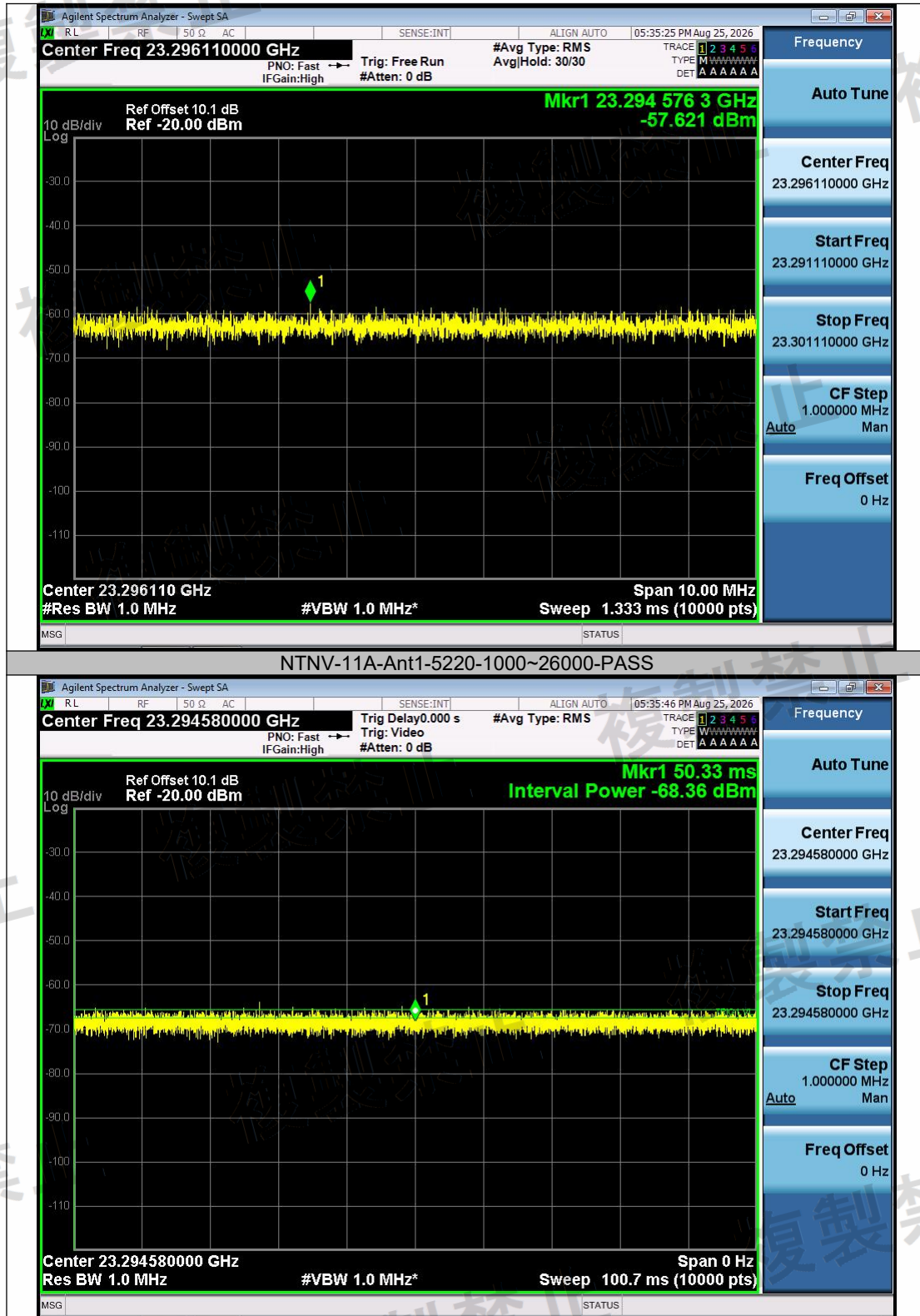


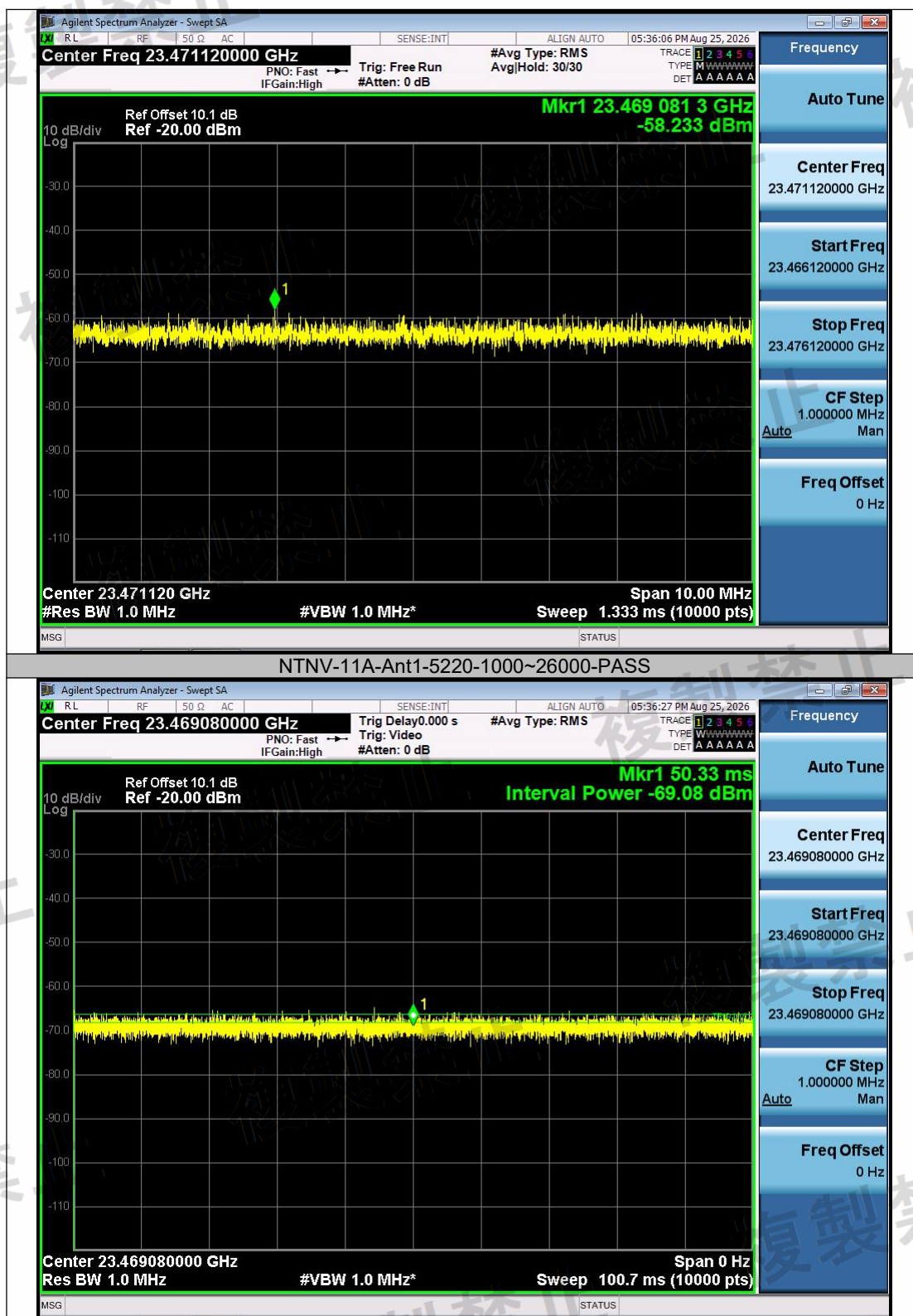


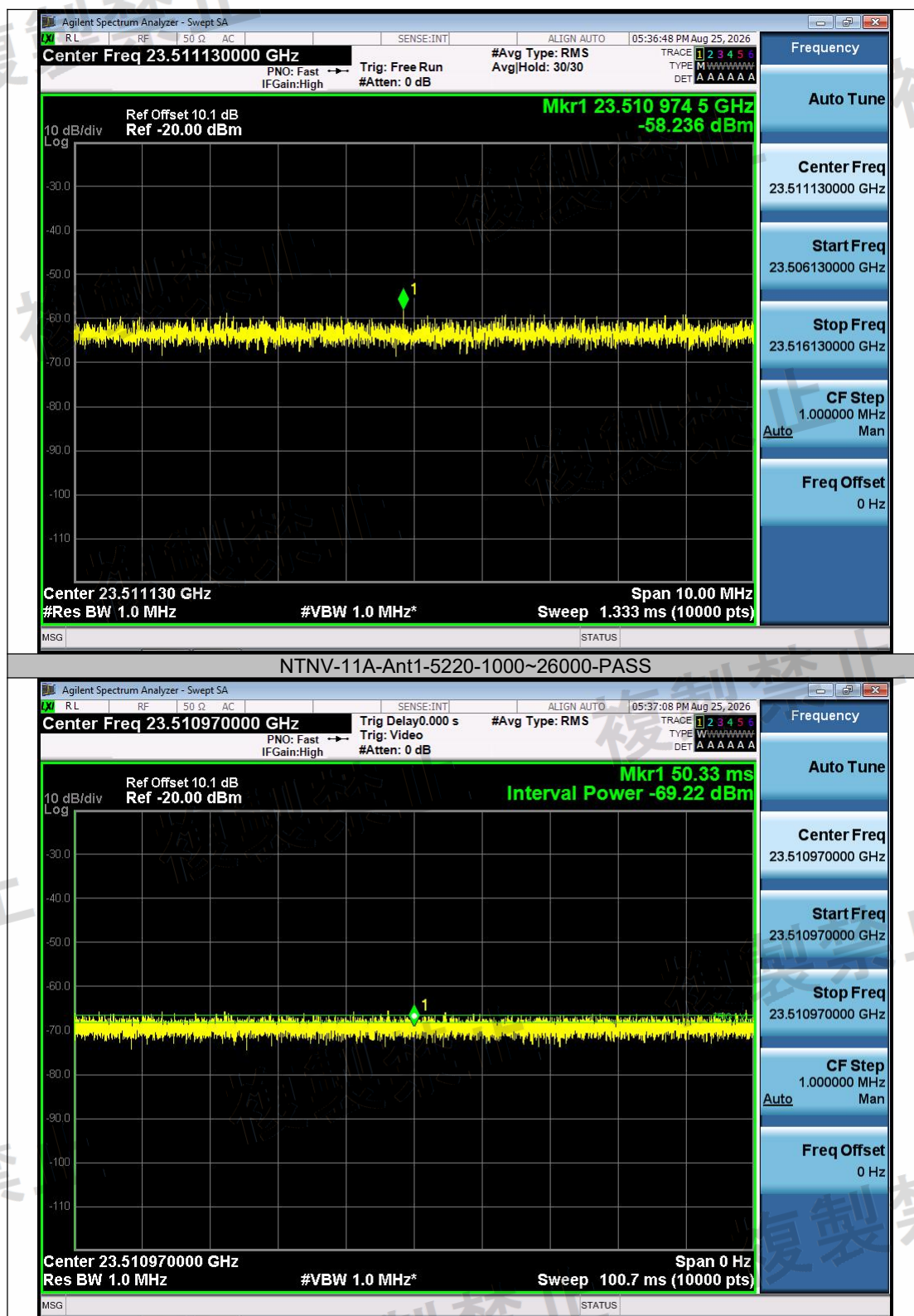


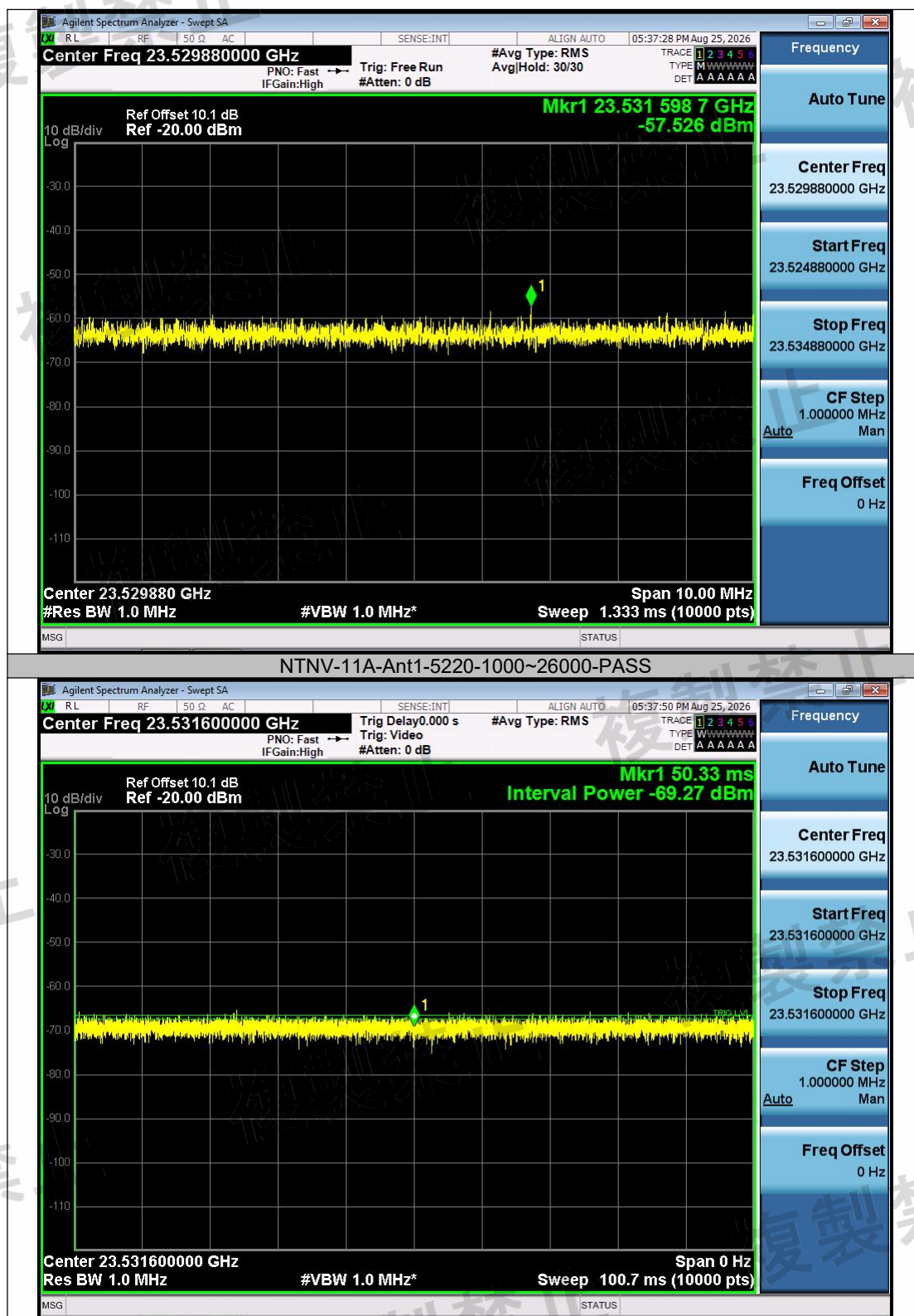


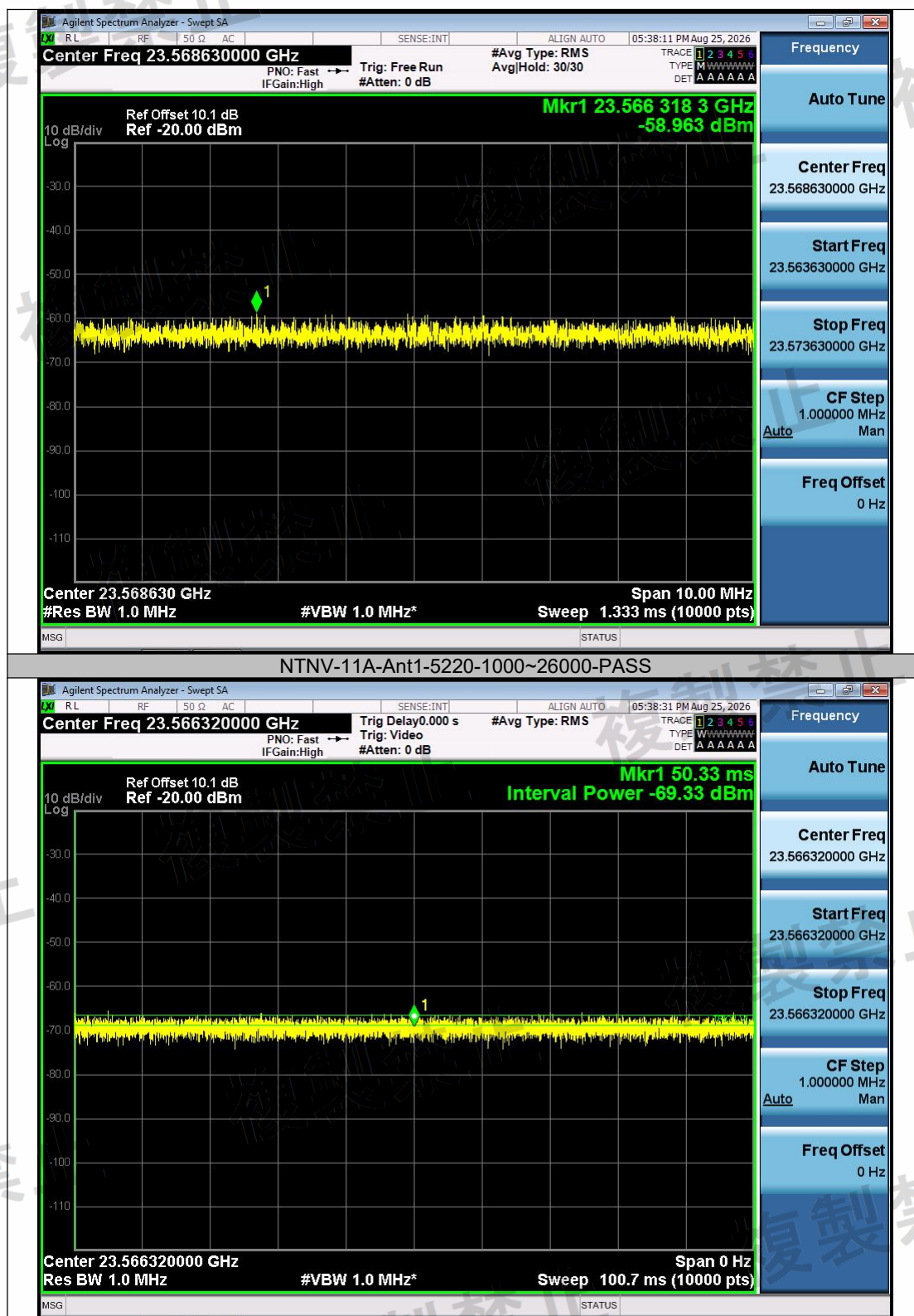


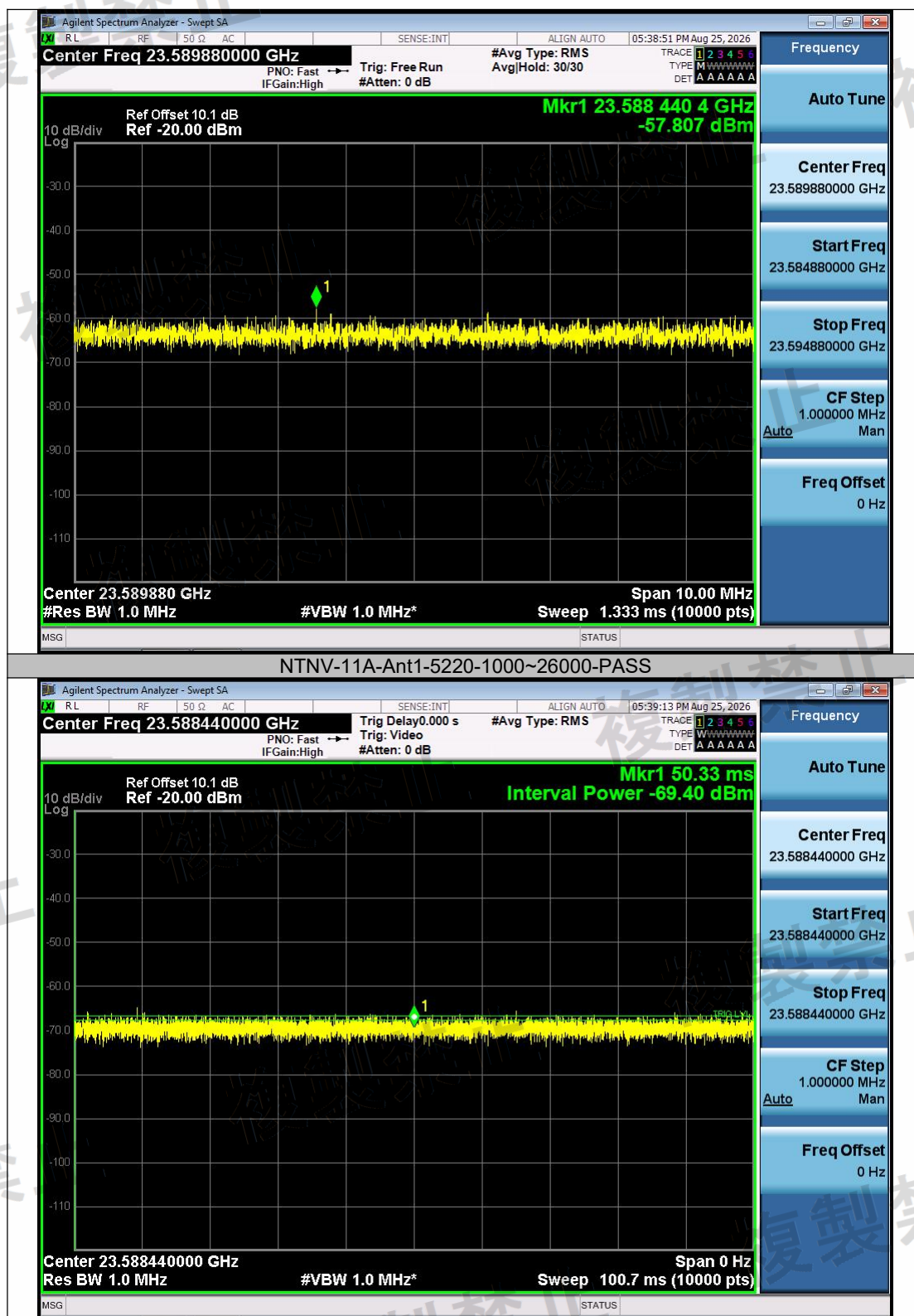


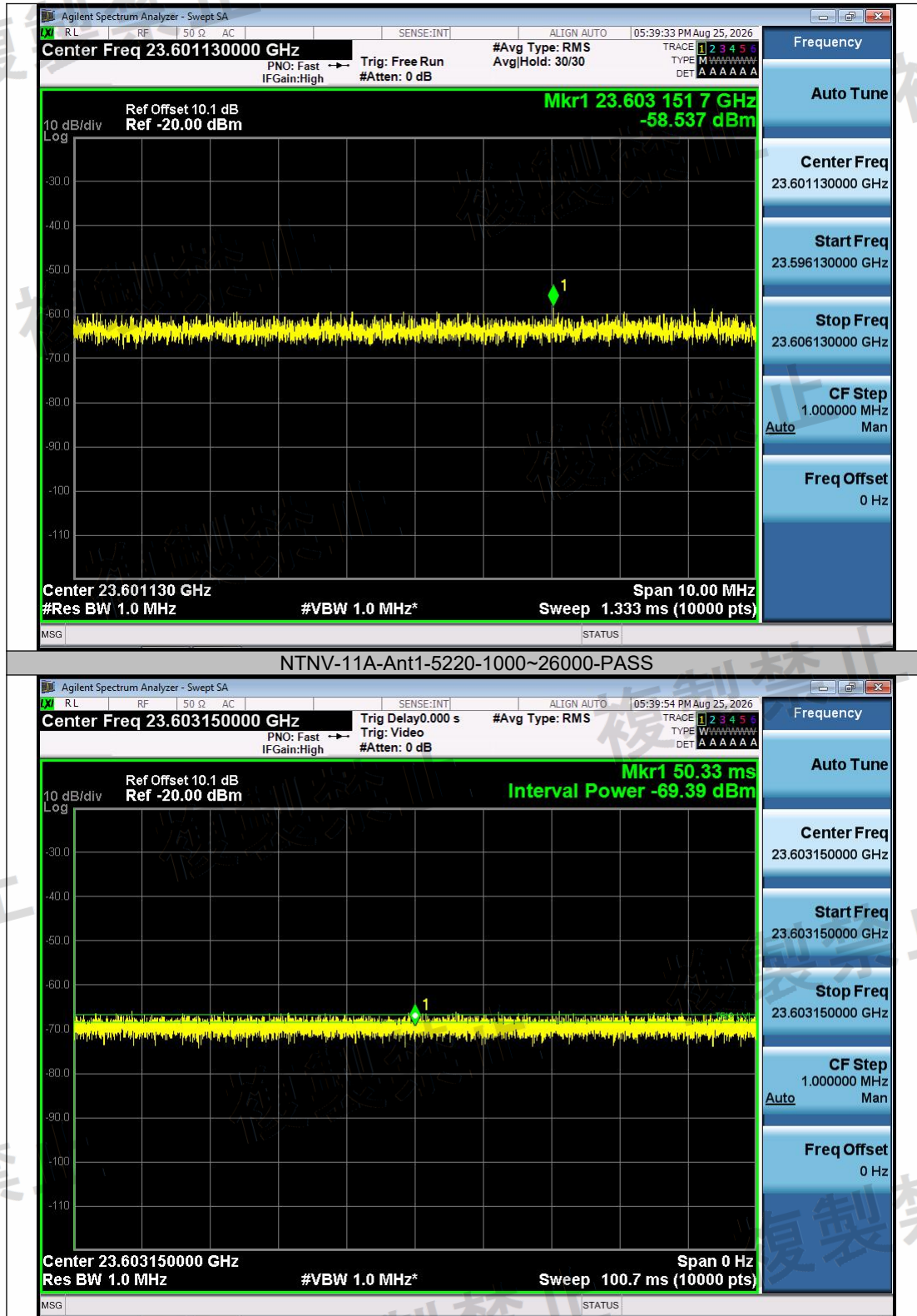


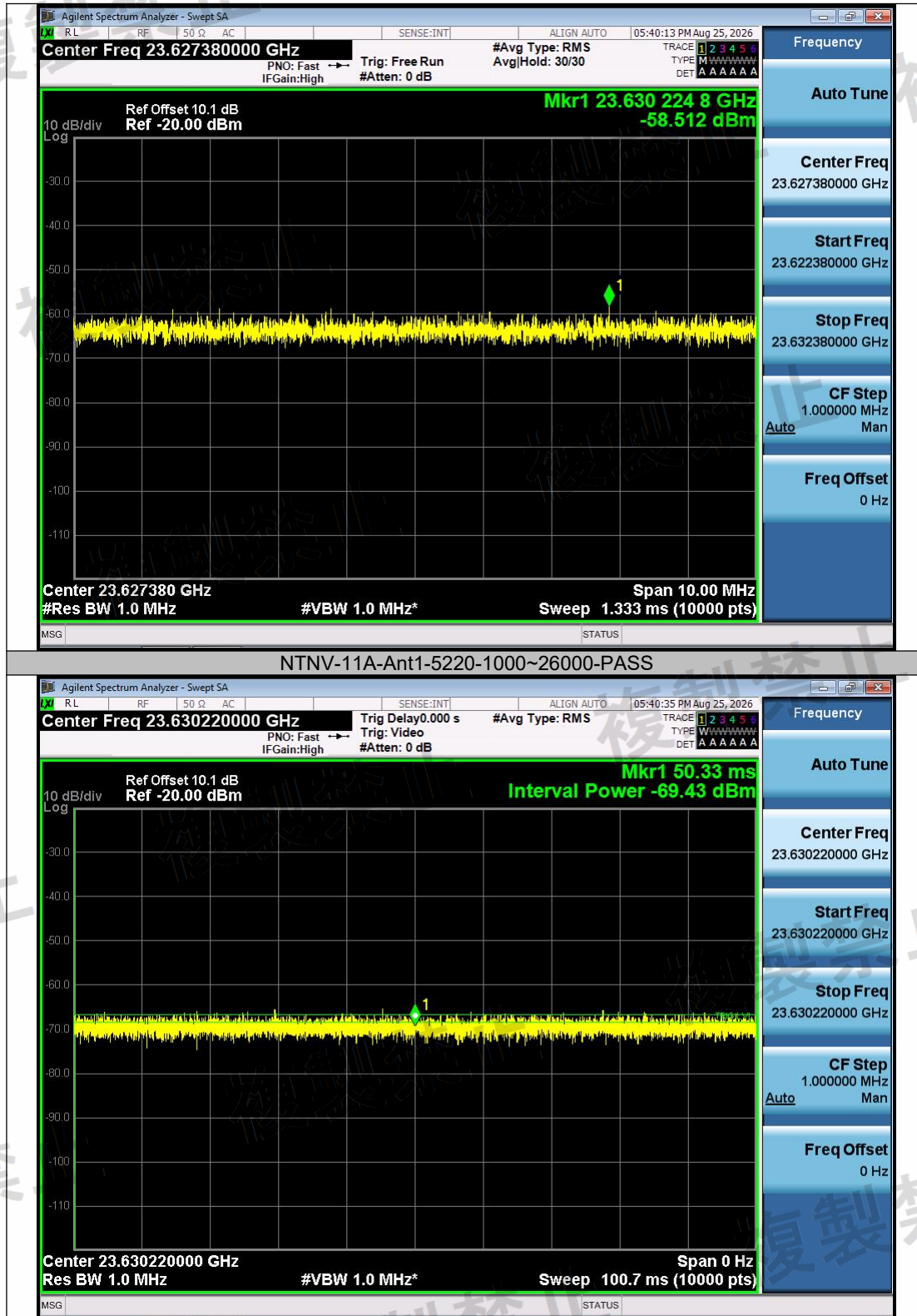


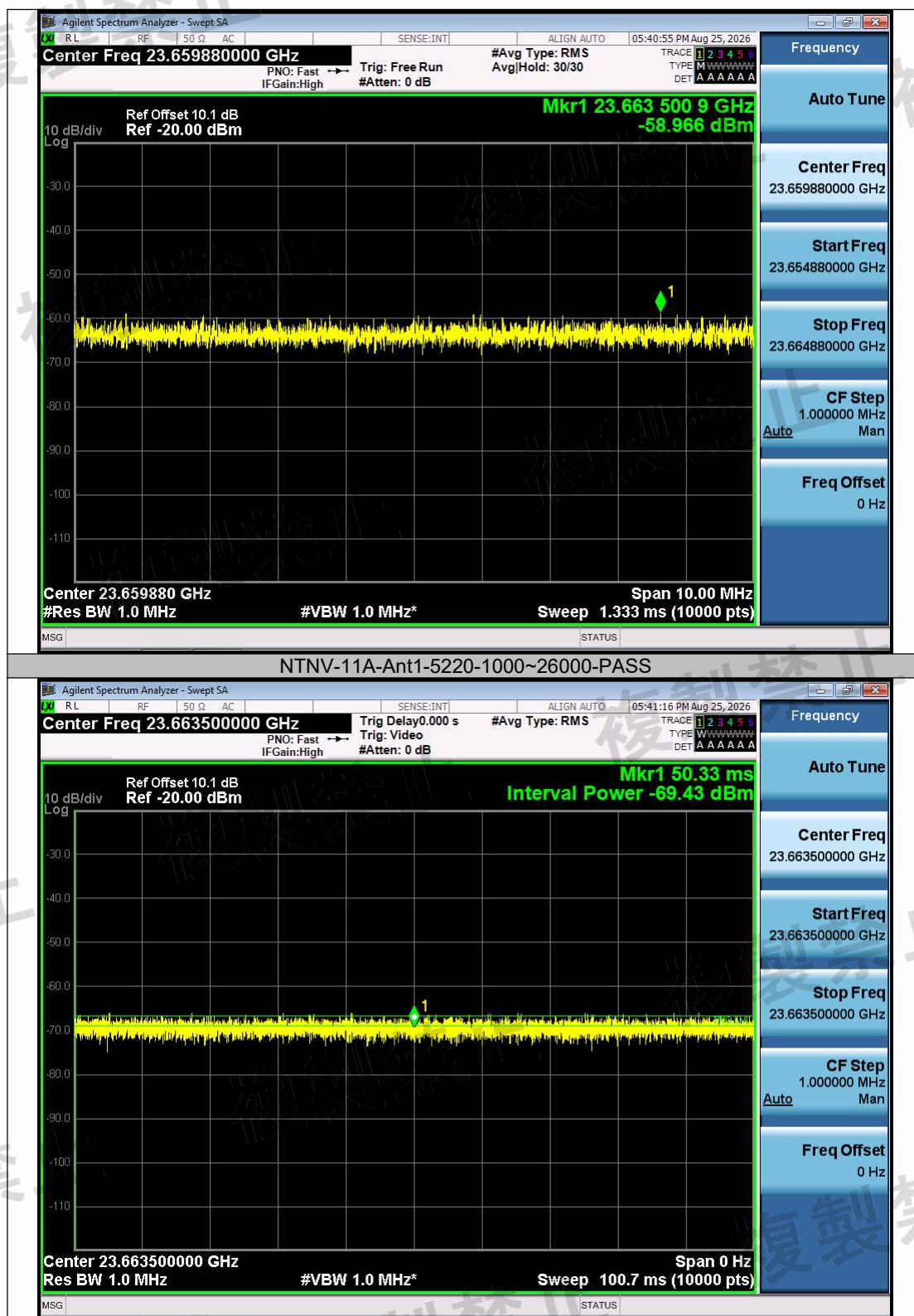


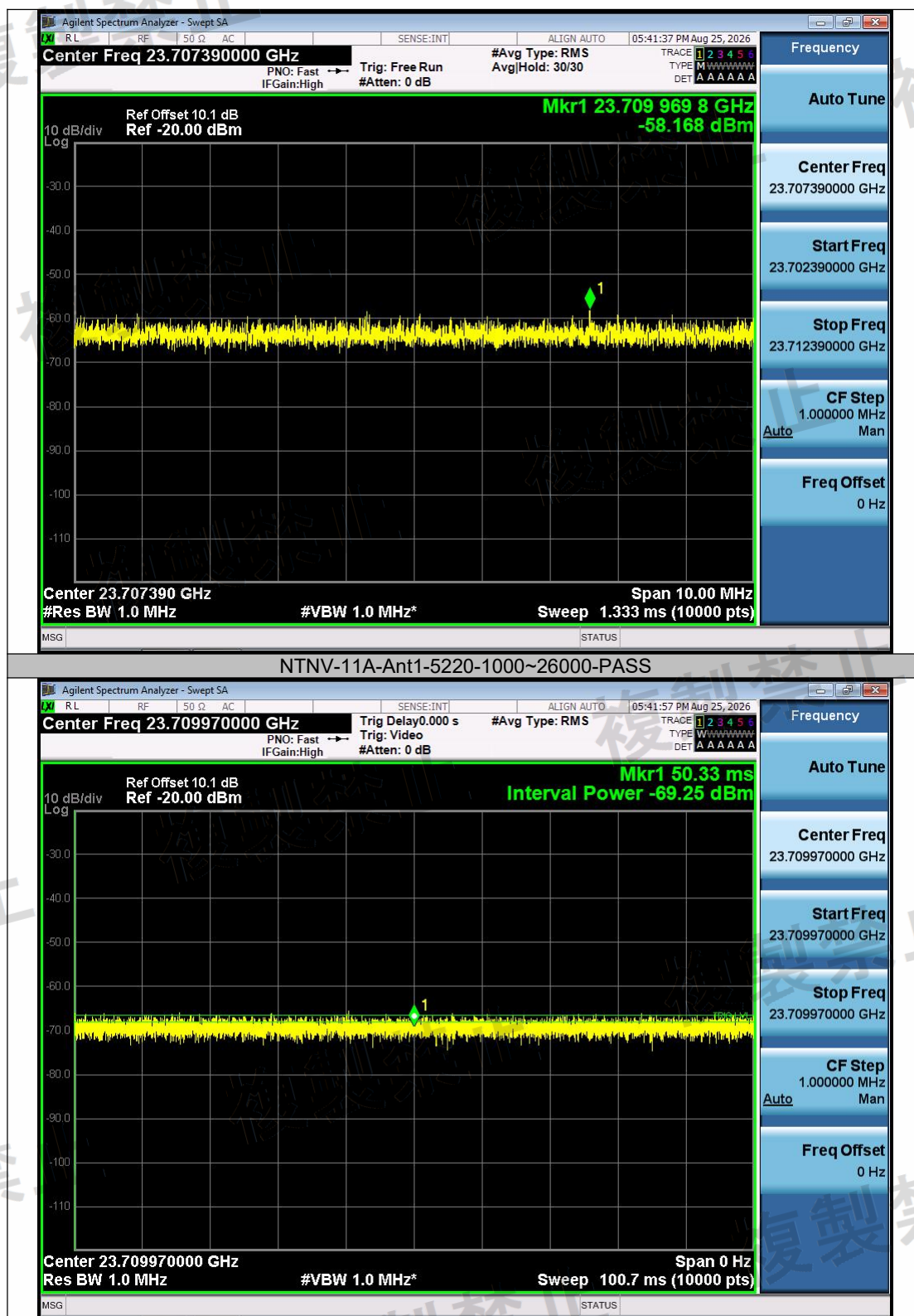


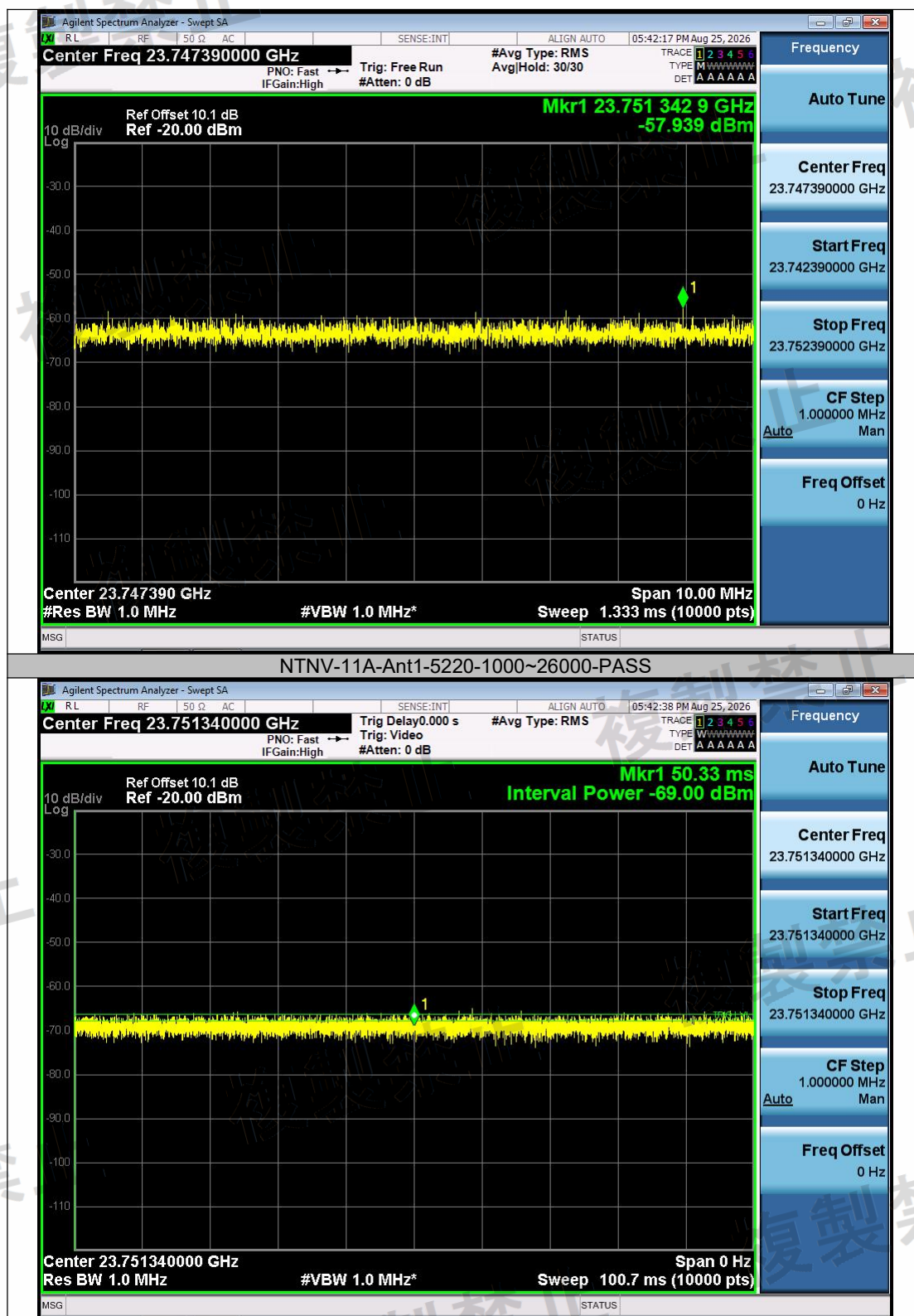


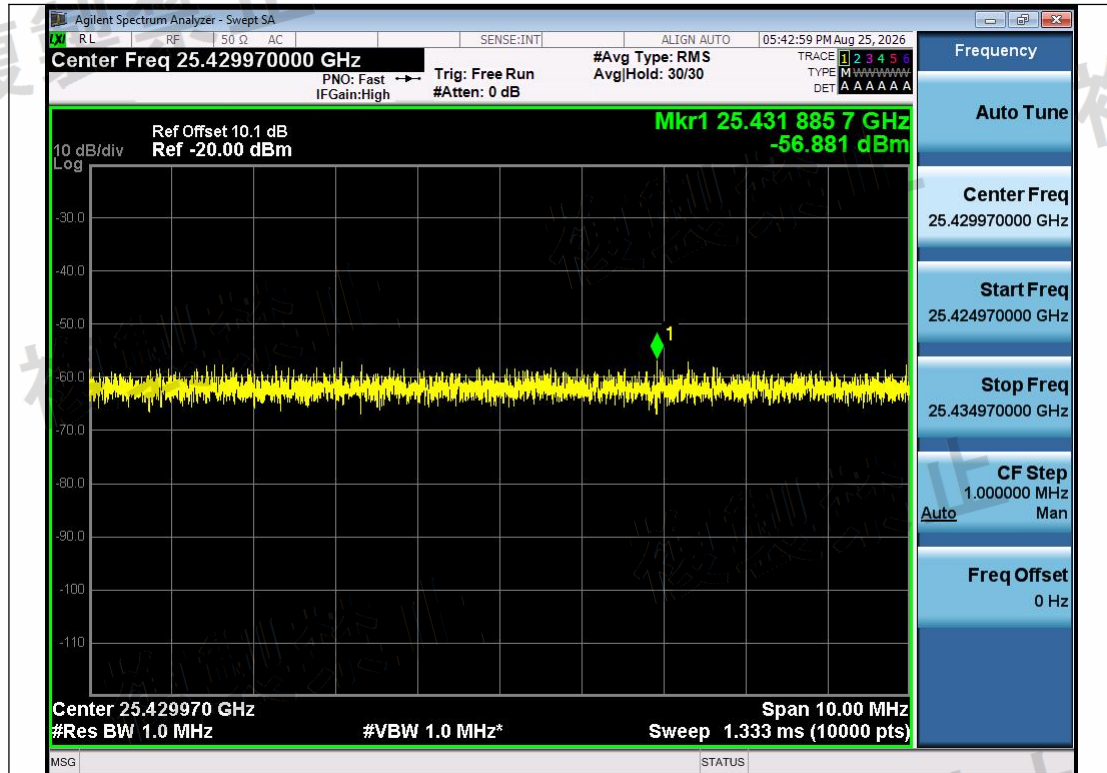




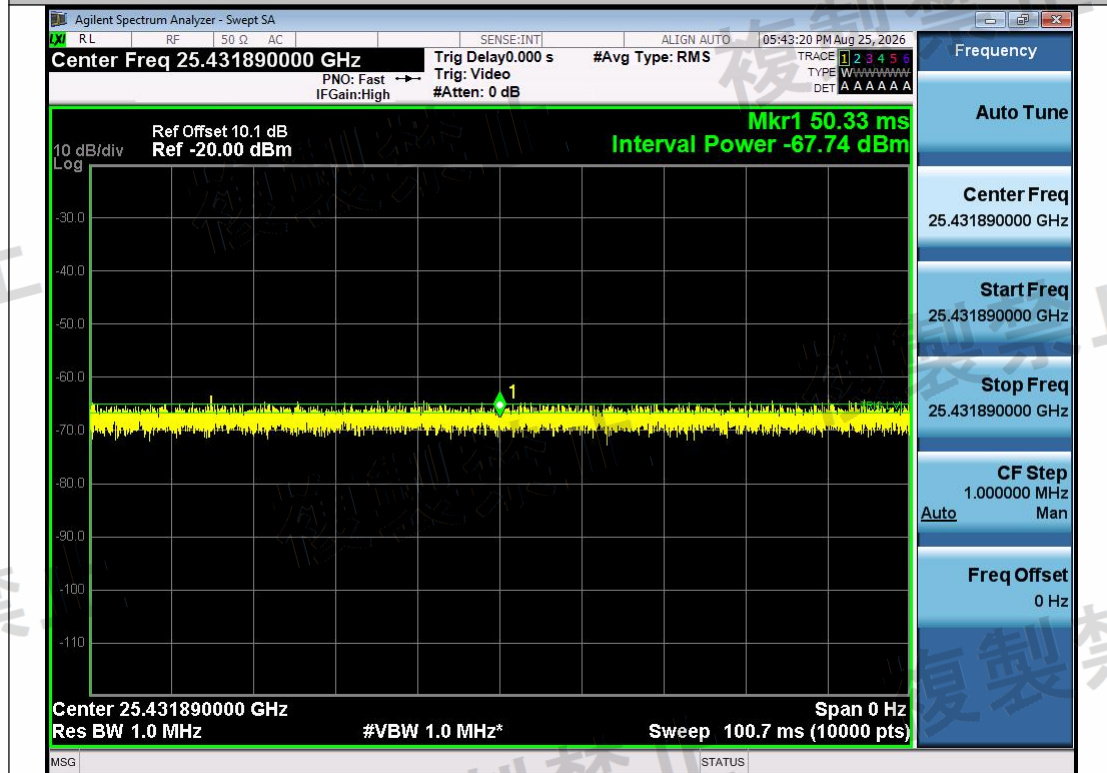








NTNV-11A-Ant1-5220-1000~26000-PASS



7.8. TRANSMISSION BURST LENGTH

7.8.1. Limit

ARIB STD-T71, Clause 3.1.2 (7)

Item	Limit
Burst Length	≤8ms

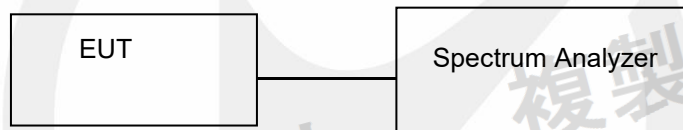
7.8.2. Test Procedure

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

MIC Notice No.88 Annex45 Clause 10

7.8.3. Test Configuration

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



Remarks:

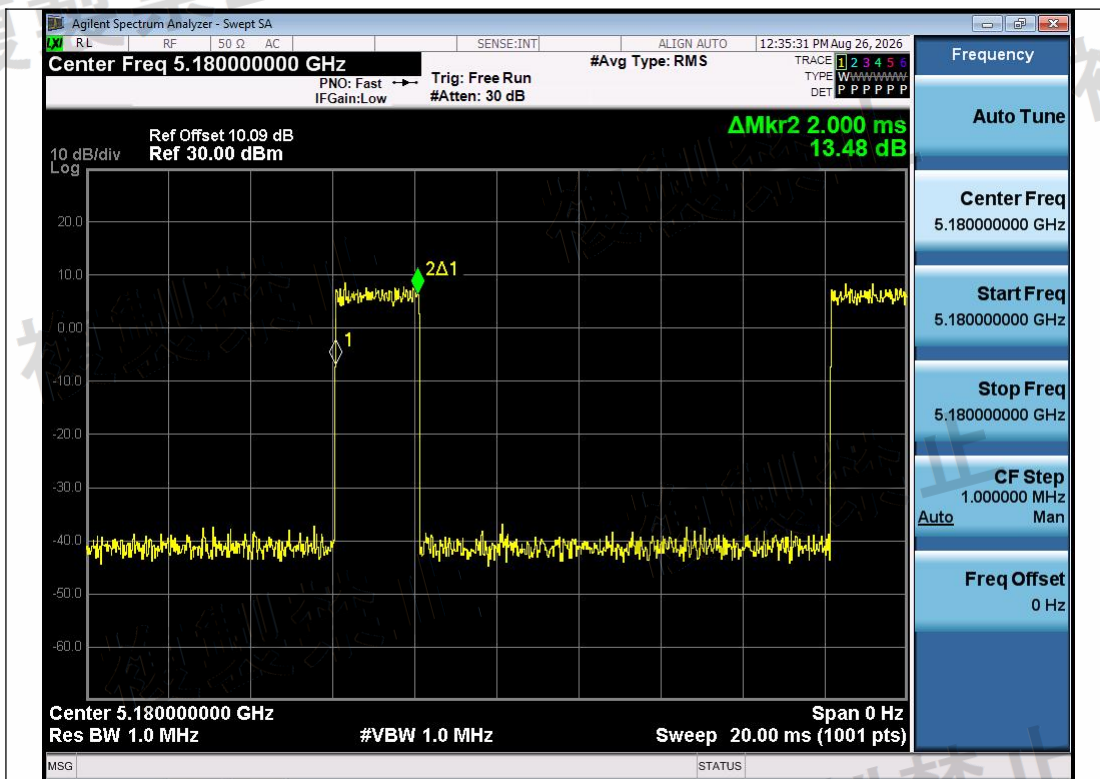
The spectrum analyzer could be connected to a monopole antenna or directly connected to the EUT, if the EUT has already employing an antenna connector.

7.8.4. Test Result

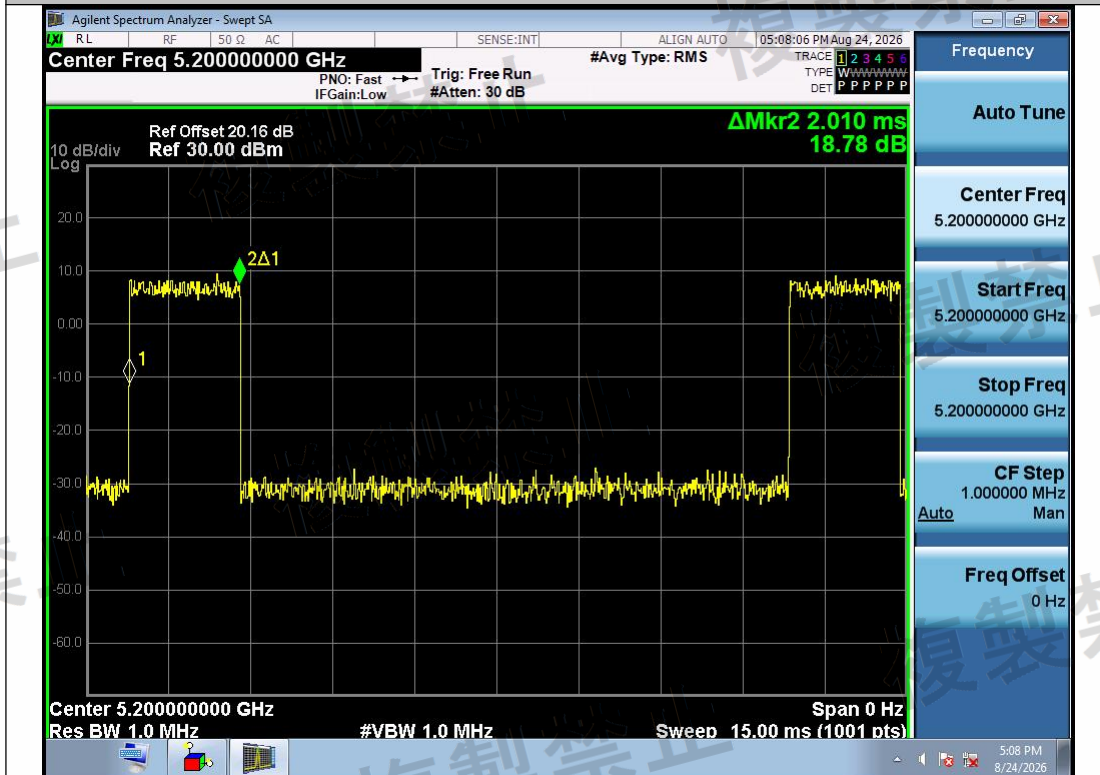
Temperature : 28.3℃
Humidity : 55 %

Test By: Huang YiYang
Test voltage: Normal voltage

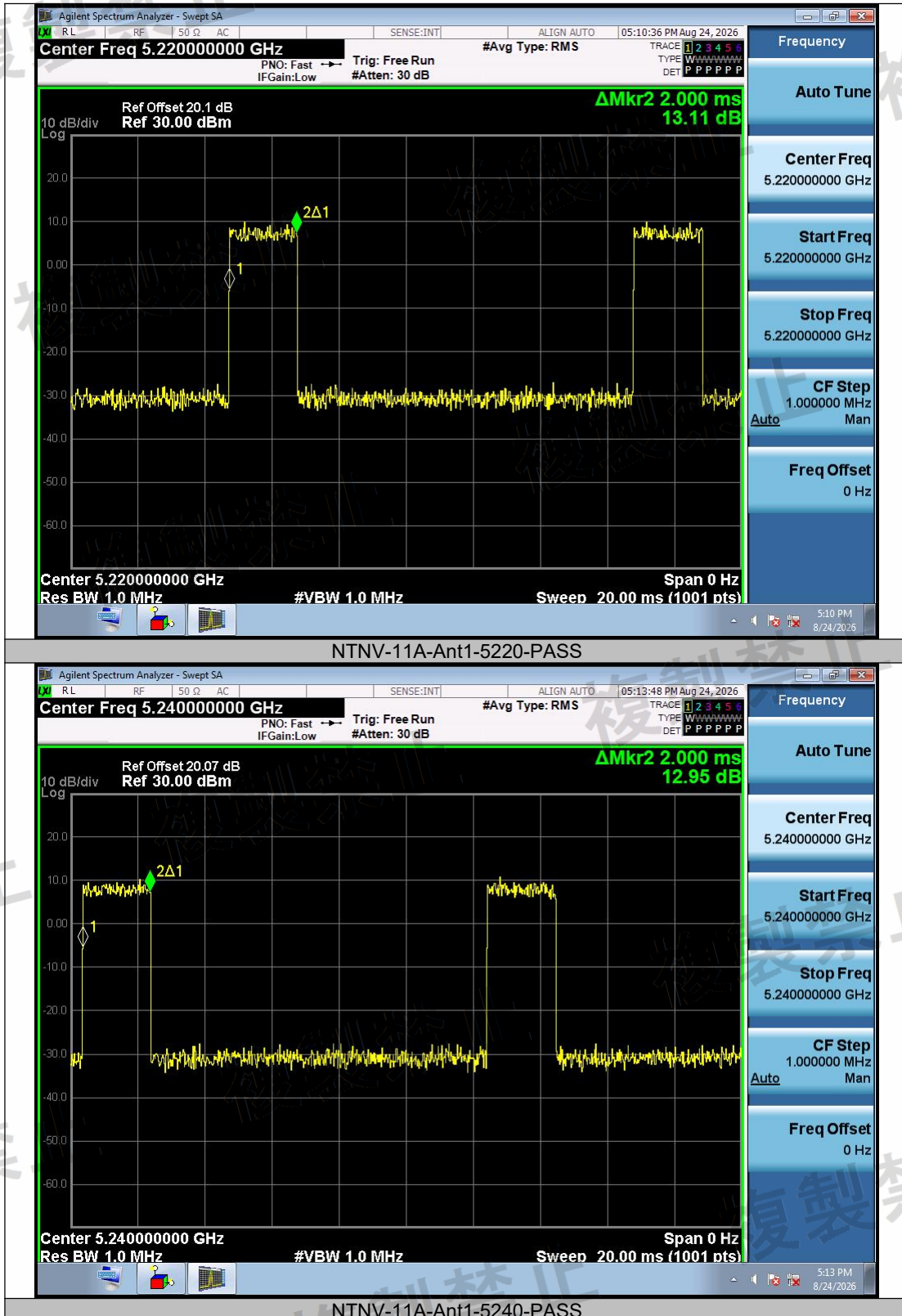
TestCondition	TestMode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11A	Ant1	5180	2.00	≤8	PASS
NTNV	11A	Ant1	5200	2.01	≤8	PASS
NTNV	11A	Ant1	5220	2.00	≤8	PASS
NTNV	11A	Ant1	5240	2.00	≤8	PASS
NTNV	11N20SISO	Ant1	5180	1.86	≤8	PASS
NTNV	11N20SISO	Ant1	5200	1.85	≤8	PASS
NTNV	11N20SISO	Ant1	5220	1.86	≤8	PASS
NTNV	11N20SISO	Ant1	5240	1.83	≤8	PASS
NTNV	11N40SISO	Ant1	5190	0.90	≤8	PASS
NTNV	11N40SISO	Ant1	5230	0.90	≤8	PASS
NTNV	11AC20SISO	Ant1	5180	1.86	≤8	PASS
NTNV	11AC20SISO	Ant1	5200	1.86	≤8	PASS
NTNV	11AC20SISO	Ant1	5220	1.85	≤8	PASS
NTNV	11AC20SISO	Ant1	5240	1.85	≤8	PASS
NTNV	11AC40SISO	Ant1	5190	0.90	≤8	PASS
NTNV	11AC40SISO	Ant1	5230	0.92	≤8	PASS
NTNV	11AX20SISO	Ant1	5180	1.42	≤8	PASS
NTNV	11AX20SISO	Ant1	5200	1.42	≤8	PASS
NTNV	11AX20SISO	Ant1	5220	1.42	≤8	PASS
NTNV	11AX20SISO	Ant1	5240	1.42	≤8	PASS
NTNV	11AX40SISO	Ant1	5190	1.43	≤8	PASS
NTNV	11AX40SISO	Ant1	5230	1.44	≤8	PASS

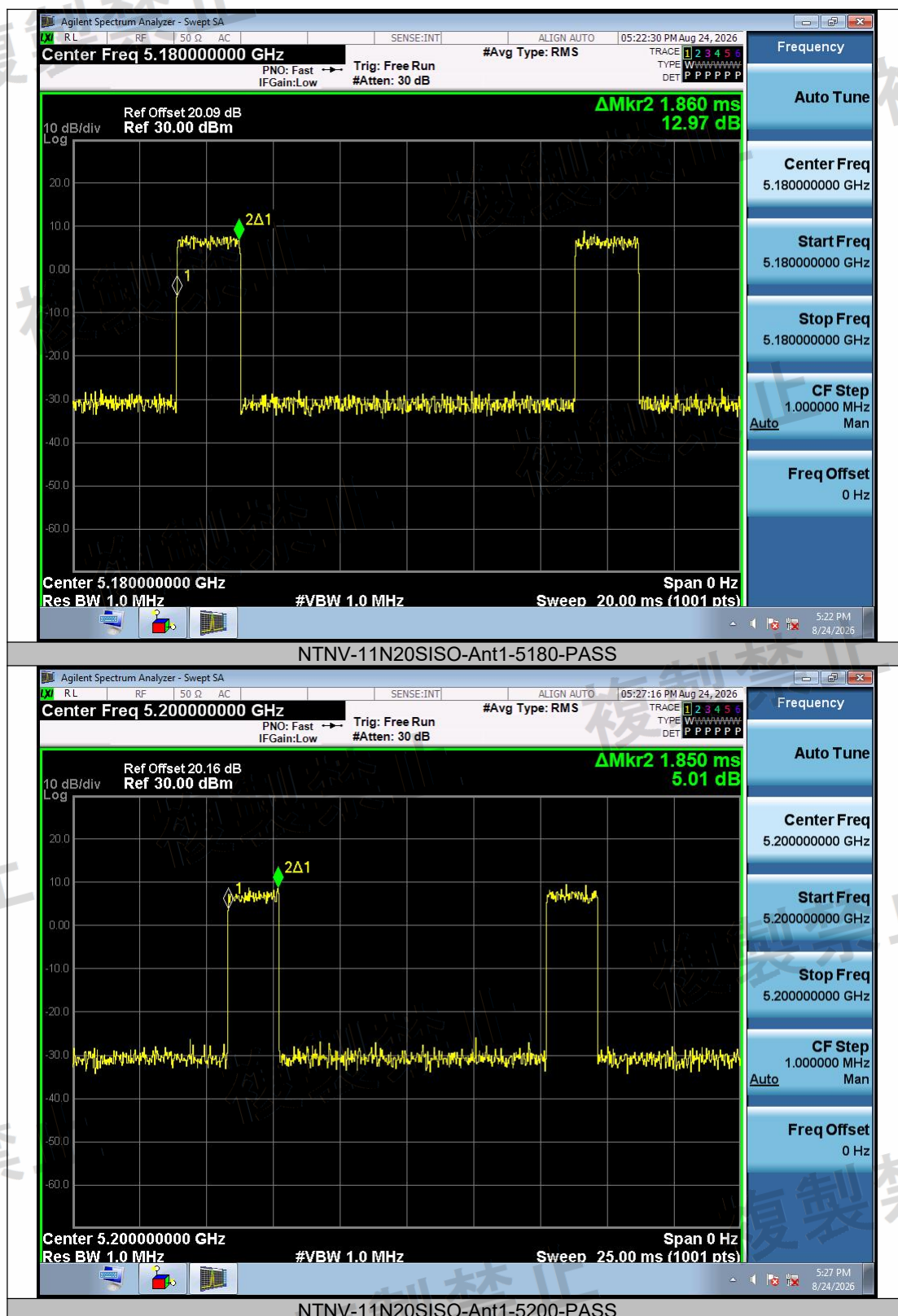


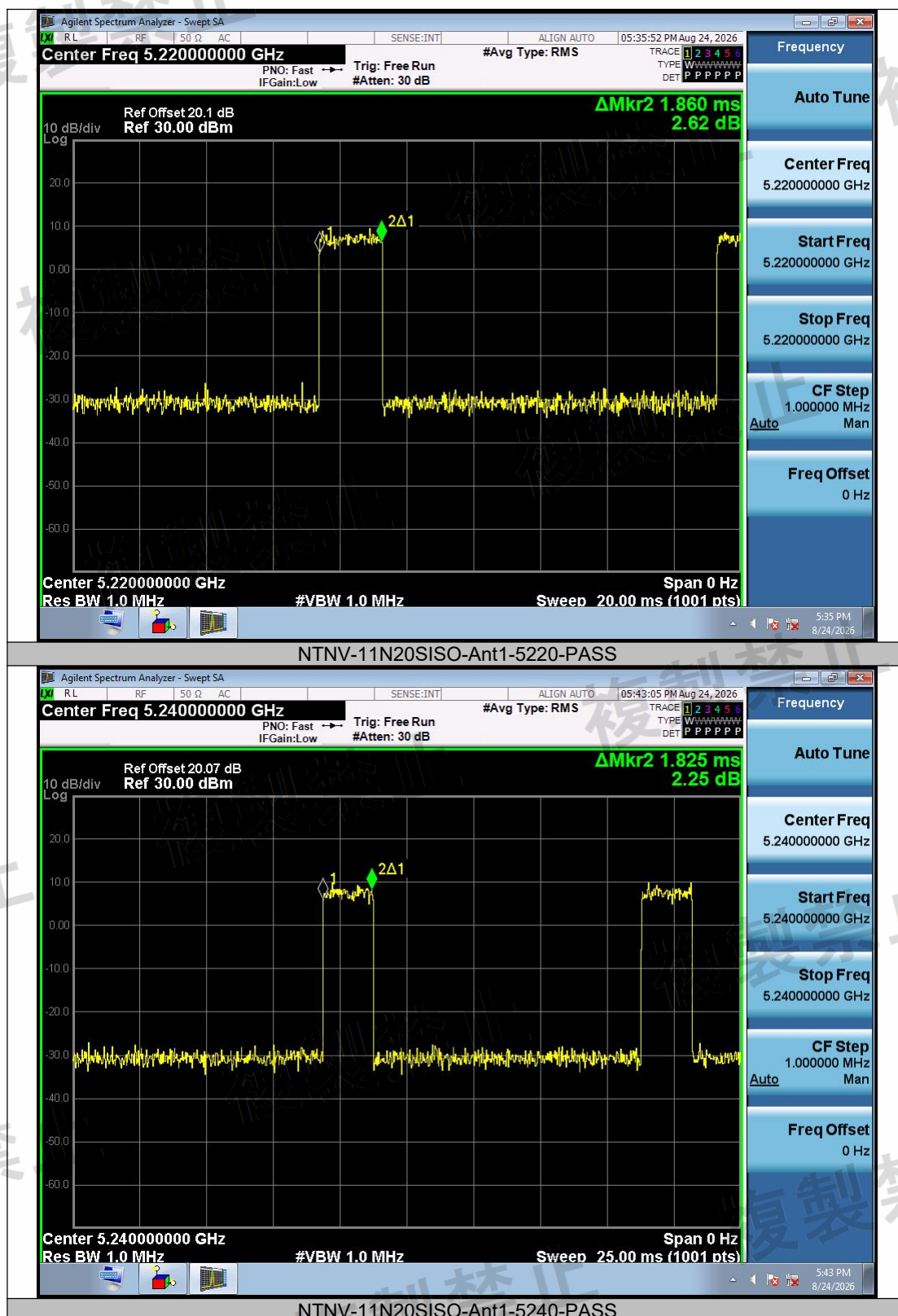
NTNV-11A-Ant1-5180-PASS

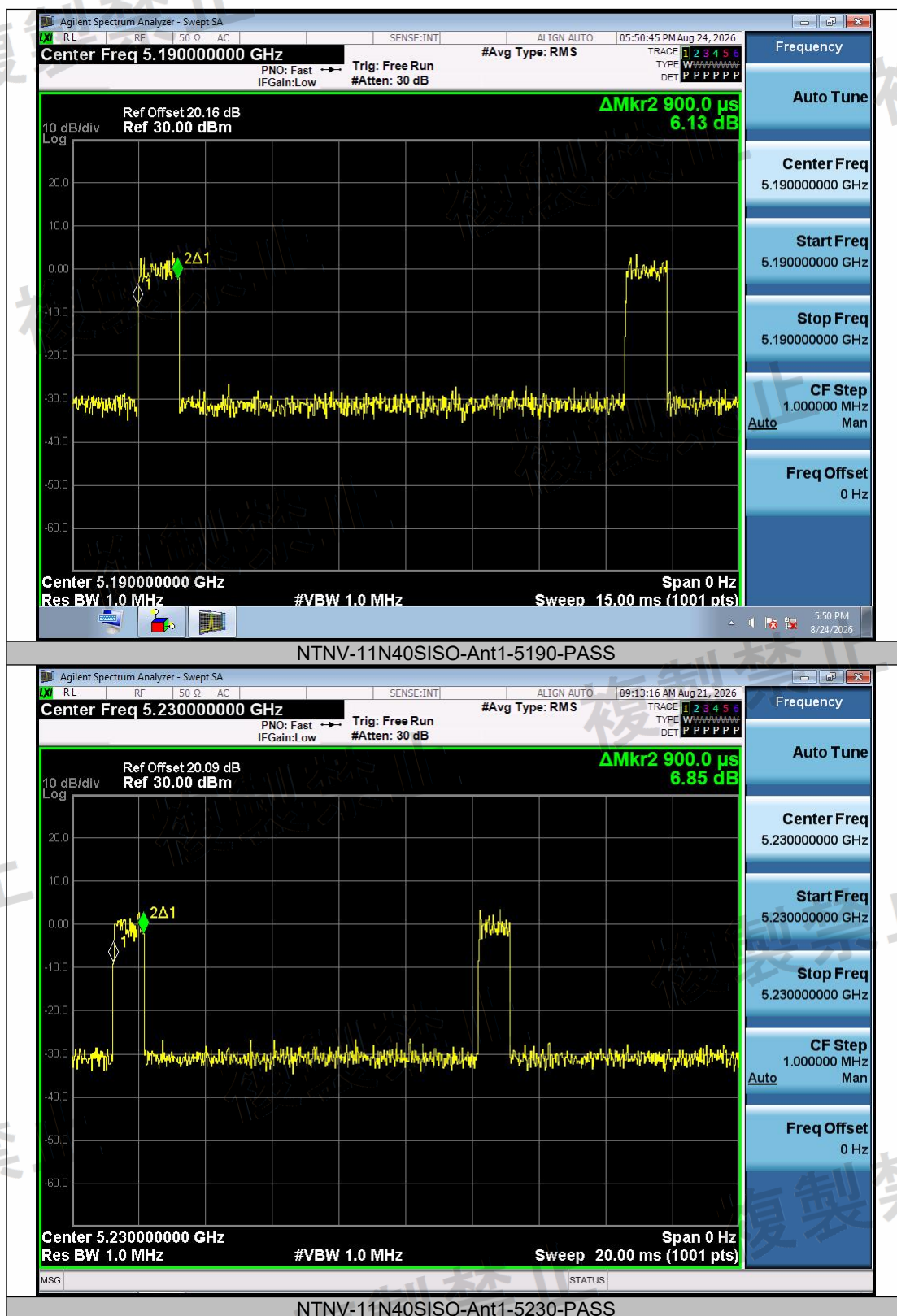


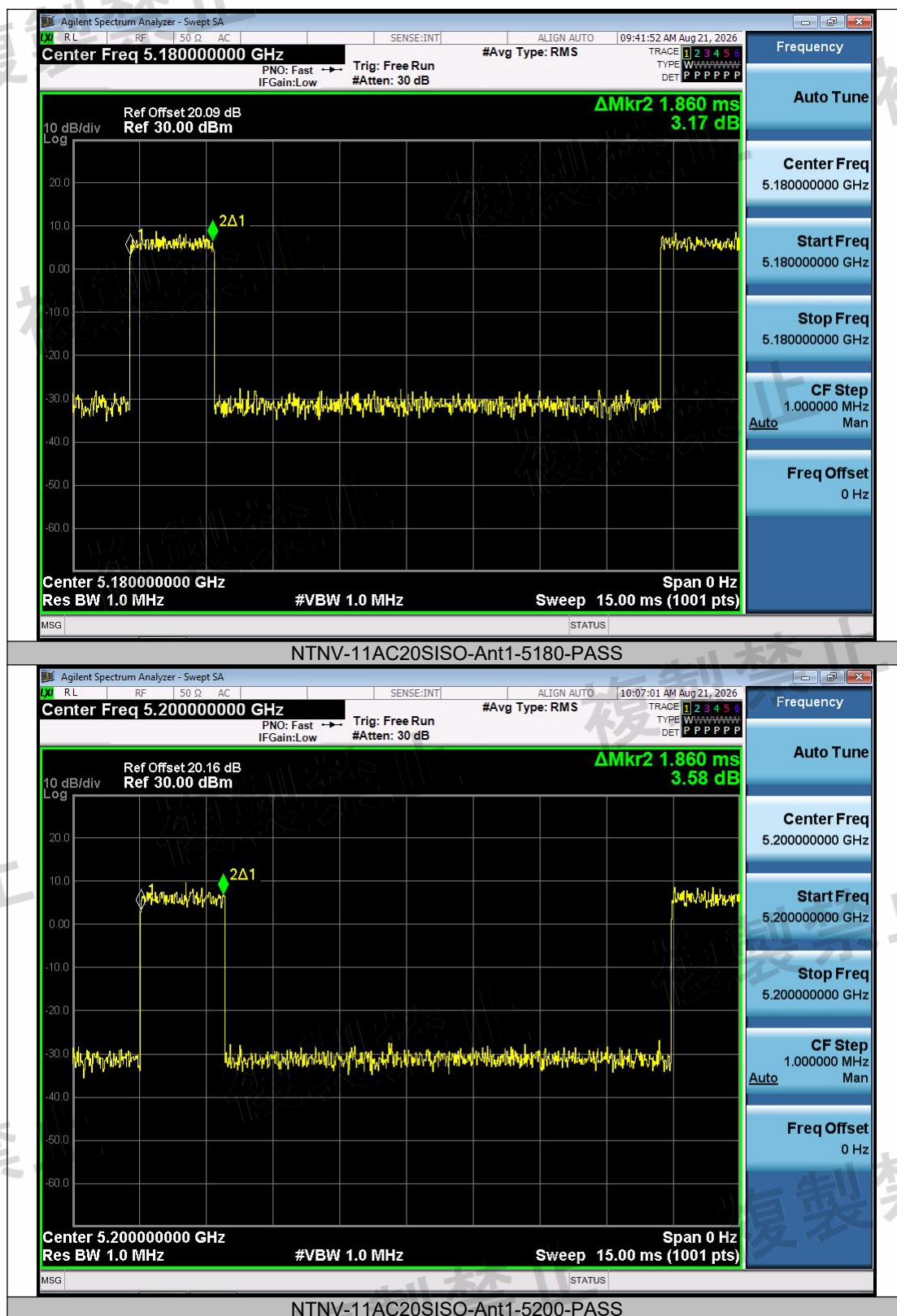
NTNV-11A-Ant1-5200-PASS

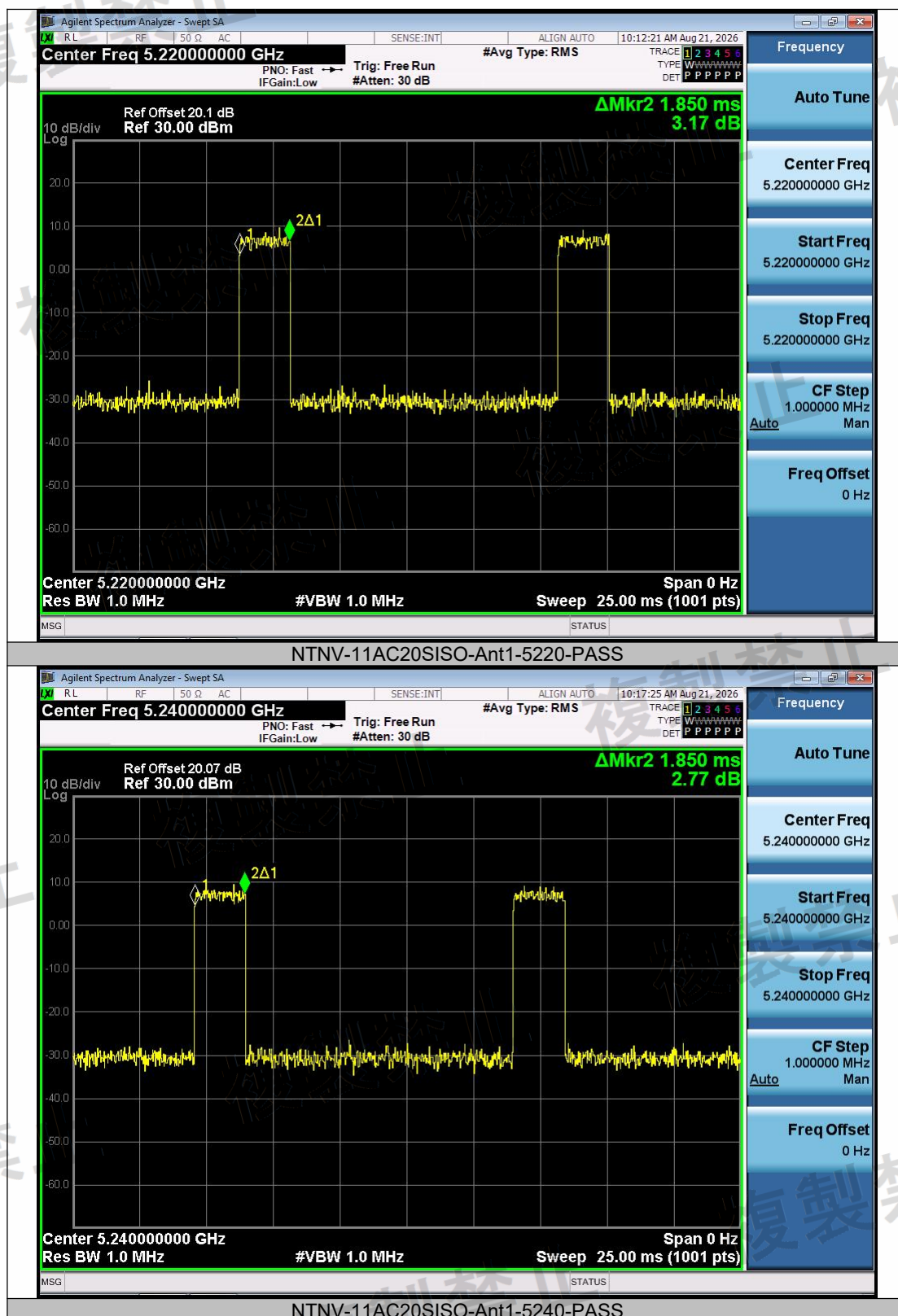


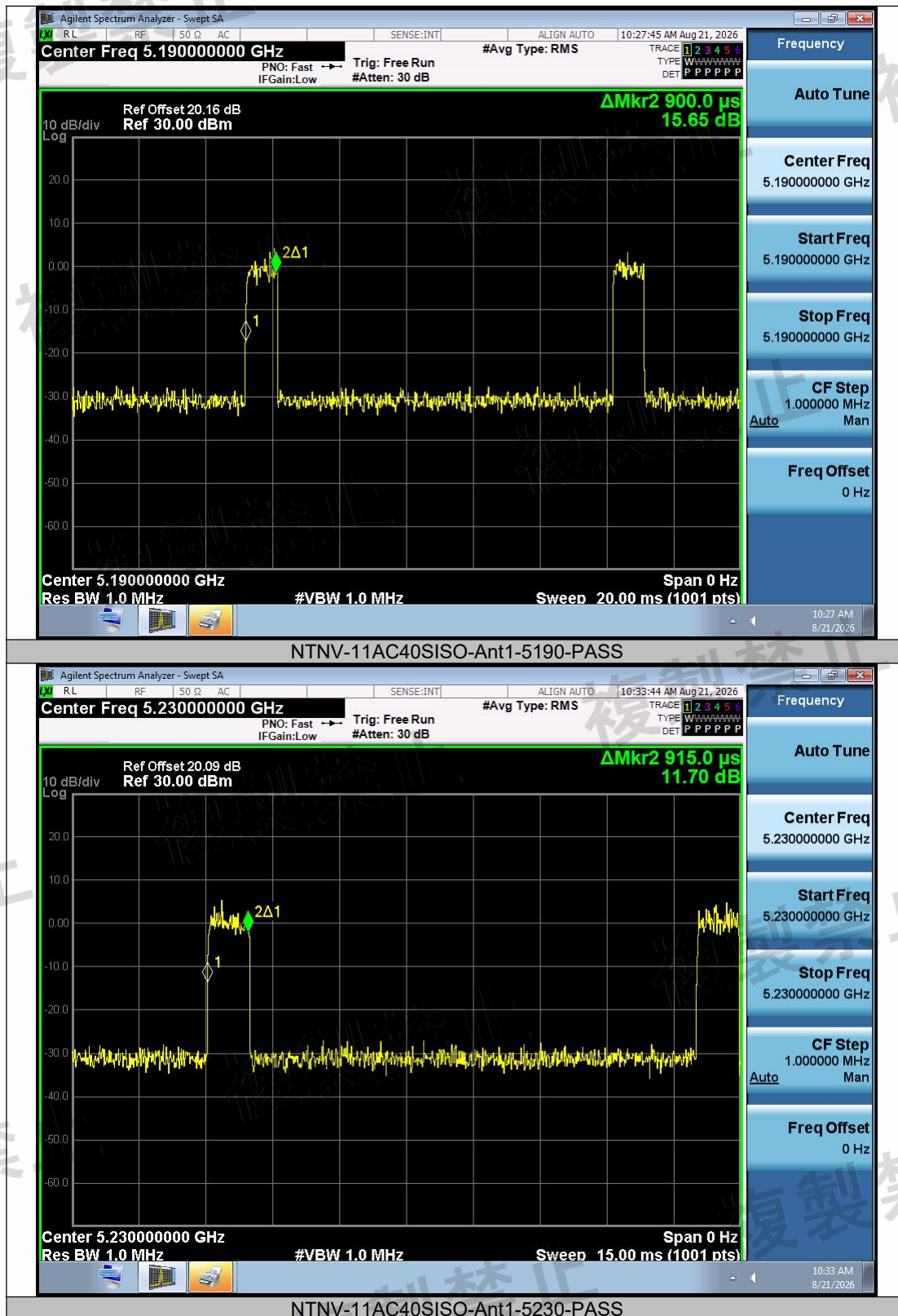


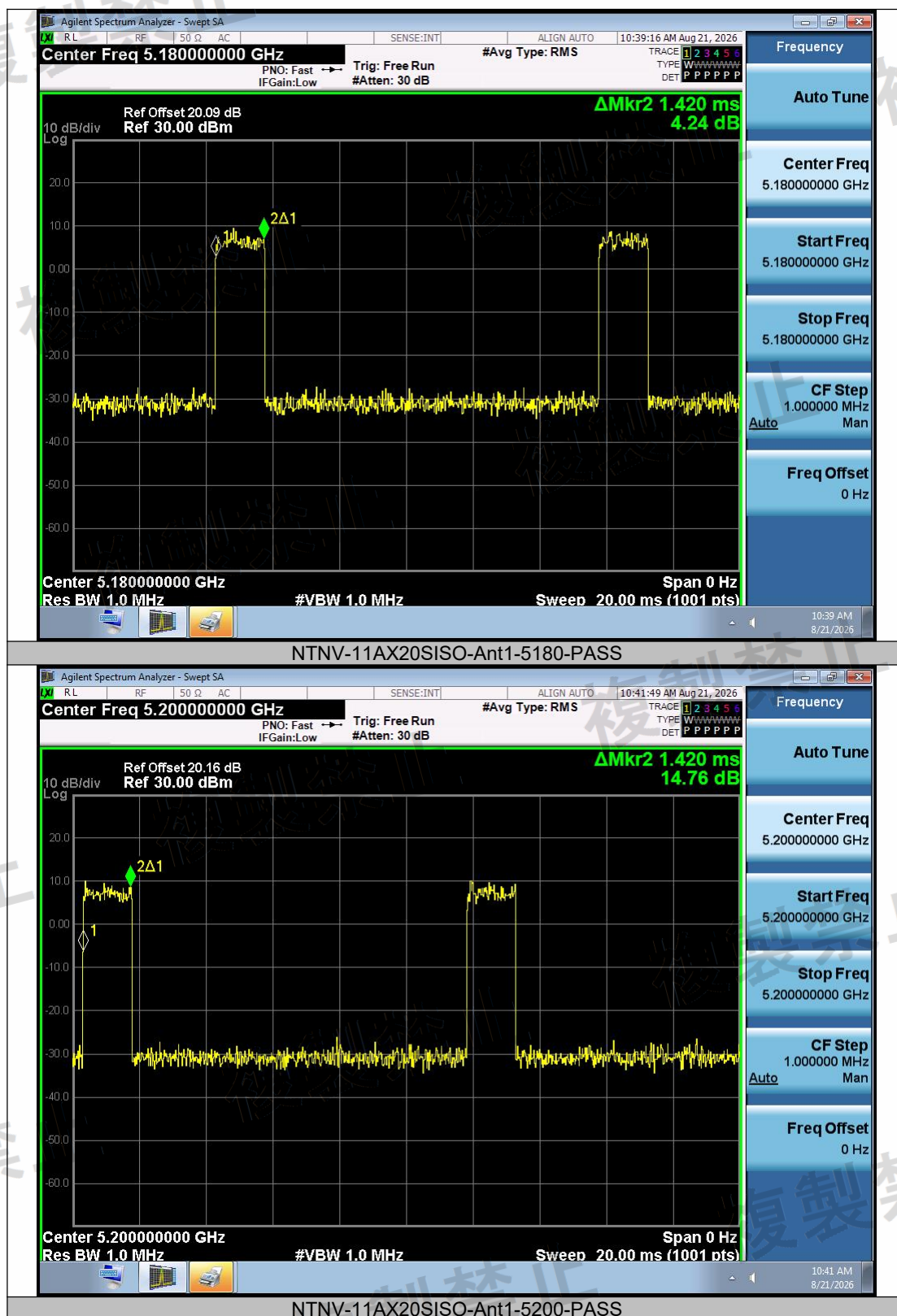


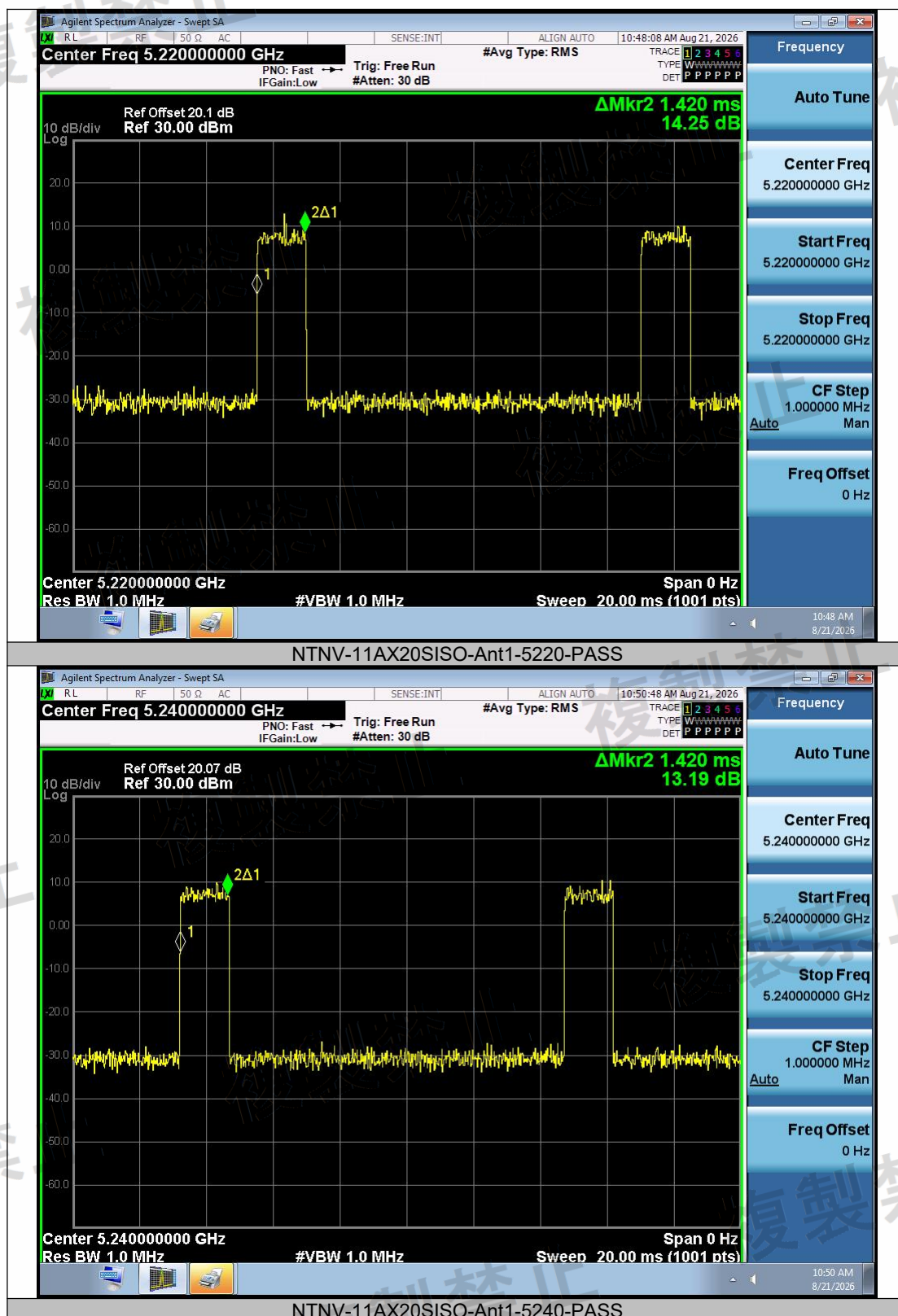


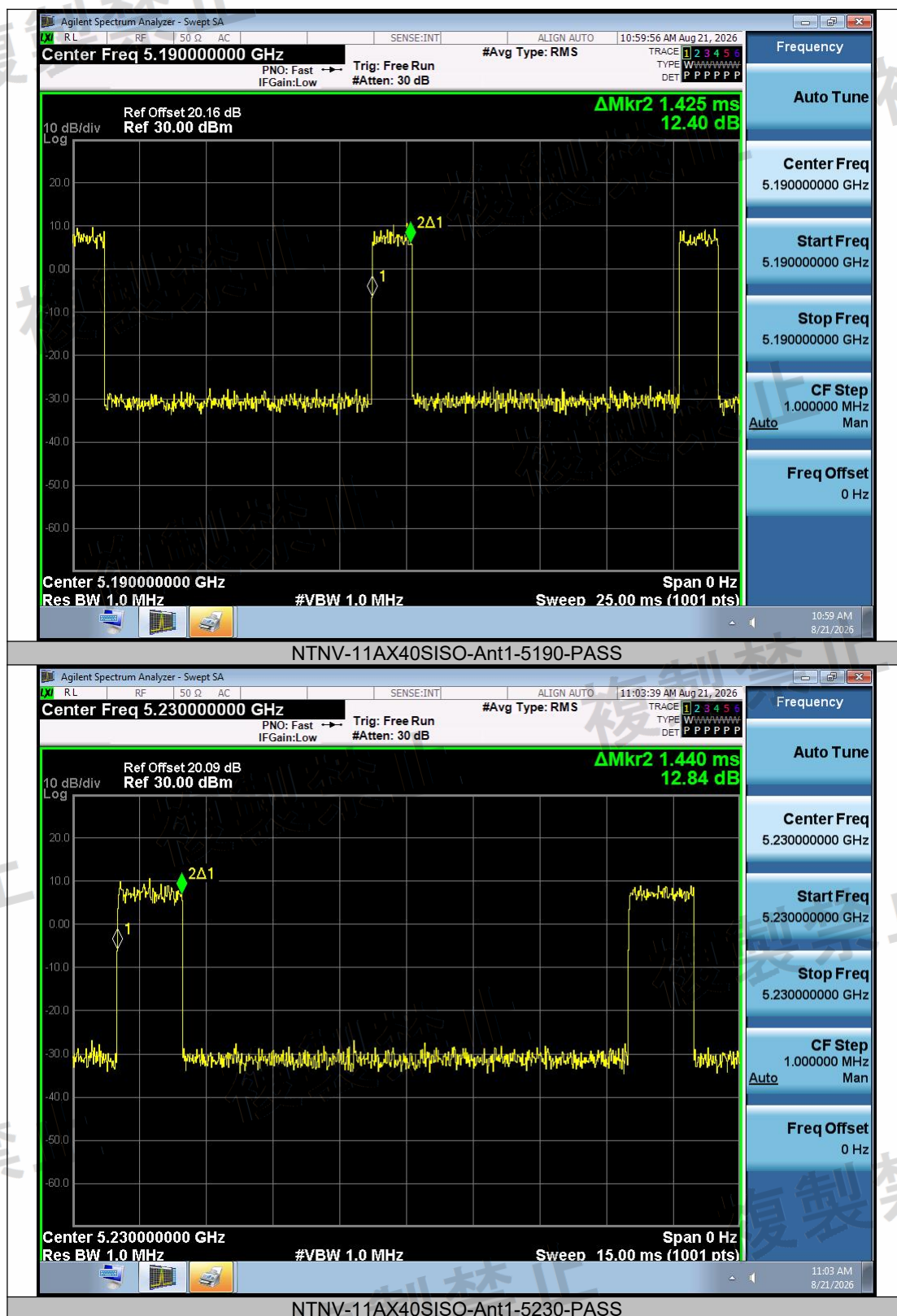






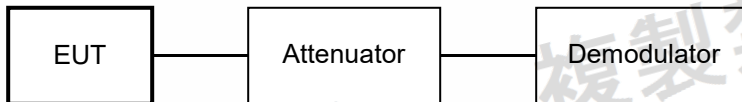




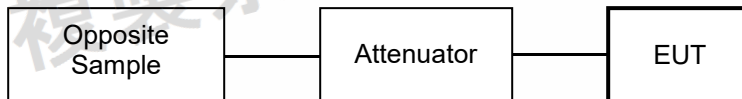


7.9. INTERFACE PREVENTION FUNCTION

(1) In case identification code is transmitted



(2) In case identification code is received



(3) Measuring Equipment Conditions

- The Demodulator shall demodulate the TX-signal transmitted by the EUT and be able to display the contents of the identification code.
- The opposite sample shall be able to transmit TX-signal equivalent to the TX-signal transmitted by the EUT.

(4) Conditions of EUT

The EUT is set on the usual operating mode.

(5) Measurement Procedure

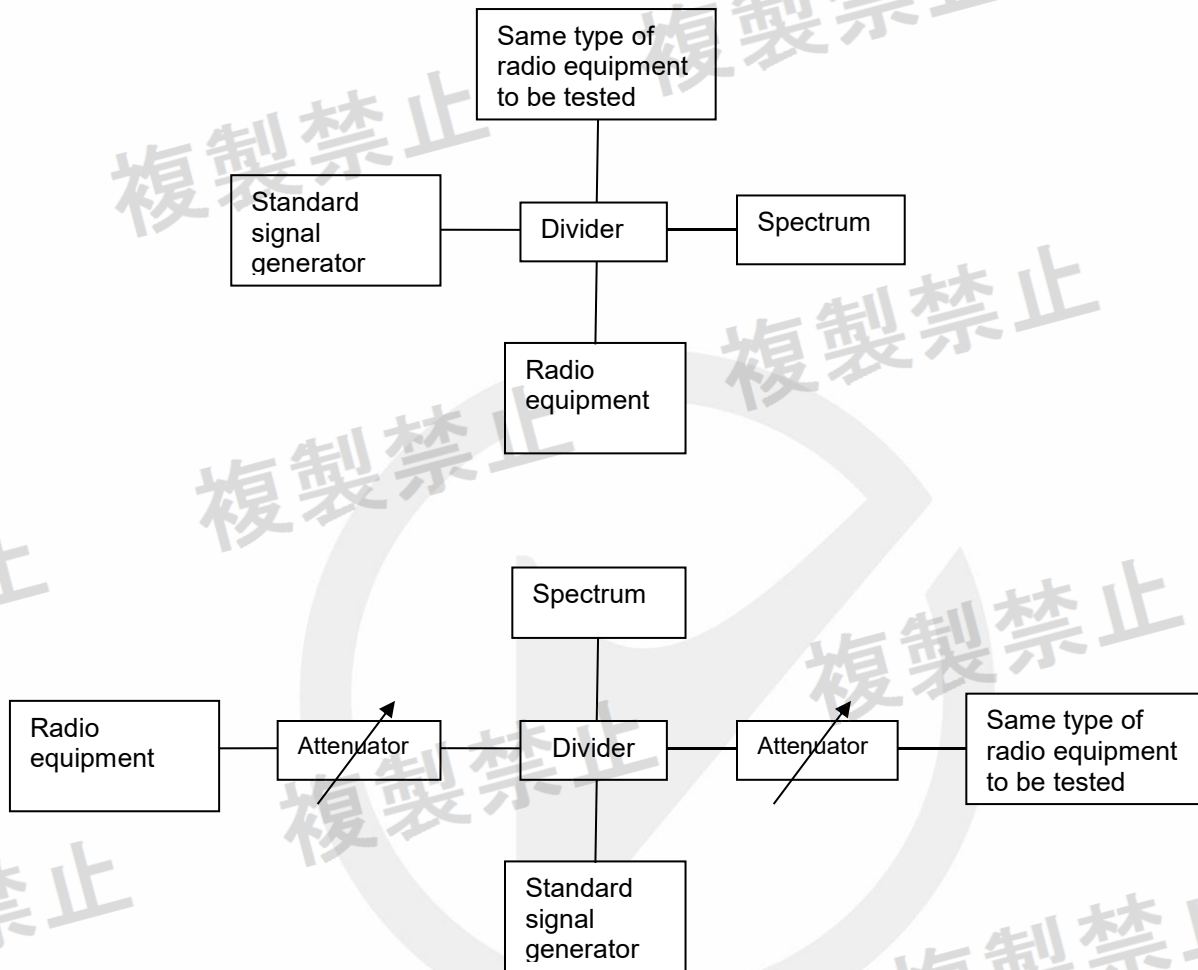
- In case the EUT possesses function to transmit identification code automatically
 - Predetermined identification code is transmitted by the EUT.
 - Verify the transmitted identification code.
- In case the EUT possesses function to receive identification code automatically
 - Predetermined identification code is transmitted by the opposite sample.
 - Verify the working of the normal communication.
 - Other code than the predetermined identification code is transmitted by the opposite sample.
 - Verify the EUT to stop transmitting or to display that the ID code is different.

Temperature : 28.3°C Test By: Huang YiYang
Humidity : 55 % Test voltage: Normal voltage

	Normal Voltage	High Voltage	Low Voltage
Result	Pass	Pass	Pass

7.10. CARRIER SENSE FUNCTION

(1) System diagram



(2) Conditions of test equipment

(a) Condition of equipment of same type of radio equipment to be tested is as follows. It shall be able to perform communication with the radio equipment to be tested.

(b) Standard signal oscillator setting up

Carrier frequency	In the reception frequency band around the frequency of test equipment
Modulation	No modulation
Output level	Antenna input of the test equipment, the value is equivalent to level 100 mV/m and electric field strength

(c) Spectrum analyzer setting up

Carrier frequency	Center frequency of used frequency band
Sweep bandwidth	50MHz
Resoluble bandwidth	about 1MHz
Video bandwidth	Equivalent to resolvable bandwidth
Y-axis scale	10dB/Div.
Trigger condition	Free run
Detection mode	Positive peak

(d) The external testing device, the device can be connected with the test equipment. However, the device can be replaced with a counter device capable of communicating with the test equipment.

(3) Conditions of radio equipment

Set the radio equipment and the same type to the equipment into communication condition.

(4) The method of test results: Pass or not Pass.

Test Result

Temperature : 28.3℃
Humidity : 55 %

Test By:
Test voltage:

Huang YiYang
Normal voltage

TestCondition	TestMode	Antenna	Freq(MHz)	SSG Test Level(mV/m)	Verdict
NTNV	11A	Ant1	5180	100	PASS
		Ant1	5200	100	PASS
		Ant1	5240	100	PASS
	11N20	Ant1	5180	100	PASS
		Ant1	5200	100	PASS
		Ant1	5240	100	PASS
	11N40	Ant1	5190	100	PASS
		Ant1	5230	100	PASS
	11AC20	Ant1	5180	100	PASS
		Ant1	5200	100	PASS
		Ant1	5240	100	PASS
	11AC40	Ant1	5190	100	PASS
		Ant1	5230	100	PASS
	11AX20	Ant1	5180	100	PASS
		Ant1	5200	100	PASS
		Ant1	5240	100	PASS
	11AX40	Ant1	5190	100	PASS
		Ant1	5230	100	PASS

7.11. RF ACCESSIBILITY

Standard requirement

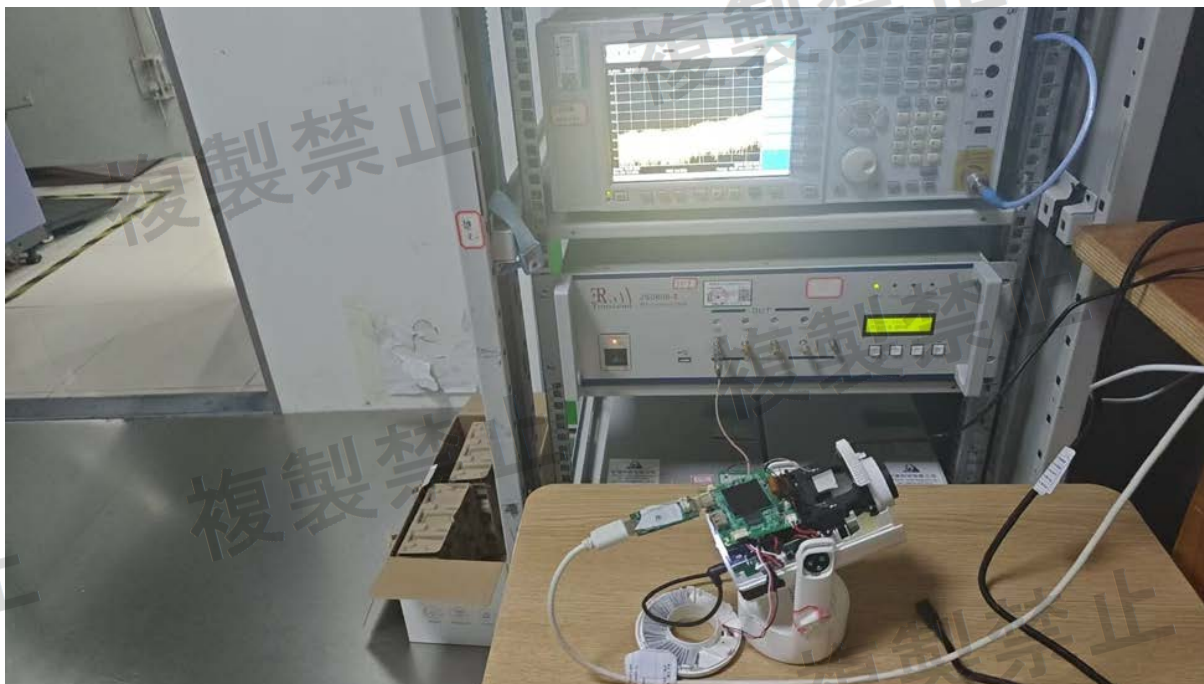
Item 19-3 of Article 2

The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.

☐	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 anon-transparent laminating agent.
☐	RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable parts on PCB or adjustable parts are not exposed.

Test result: Pass

APPENDIX- PHOTOGRAPHS OF TEST SETUP



--- End of Report ---

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