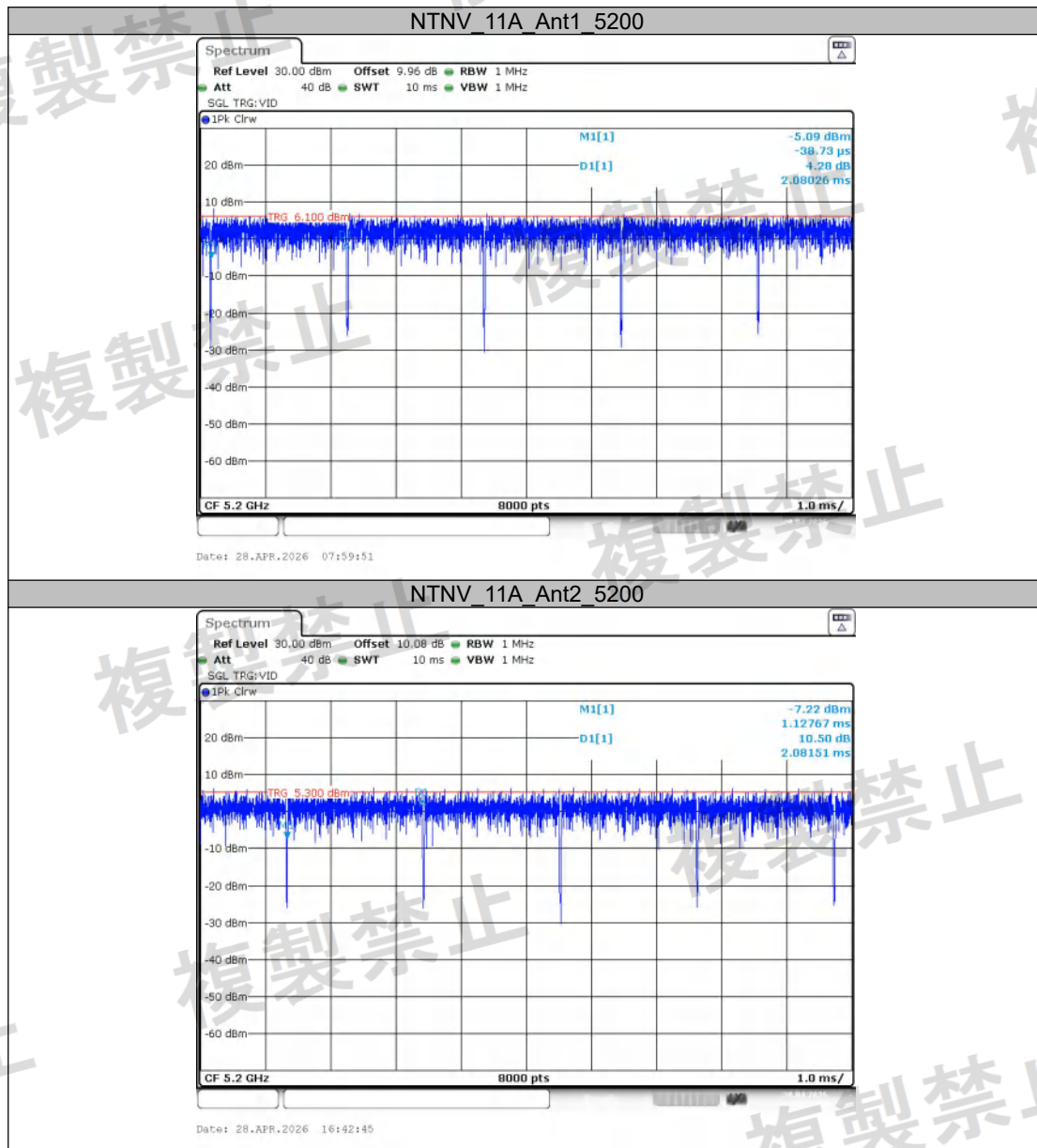
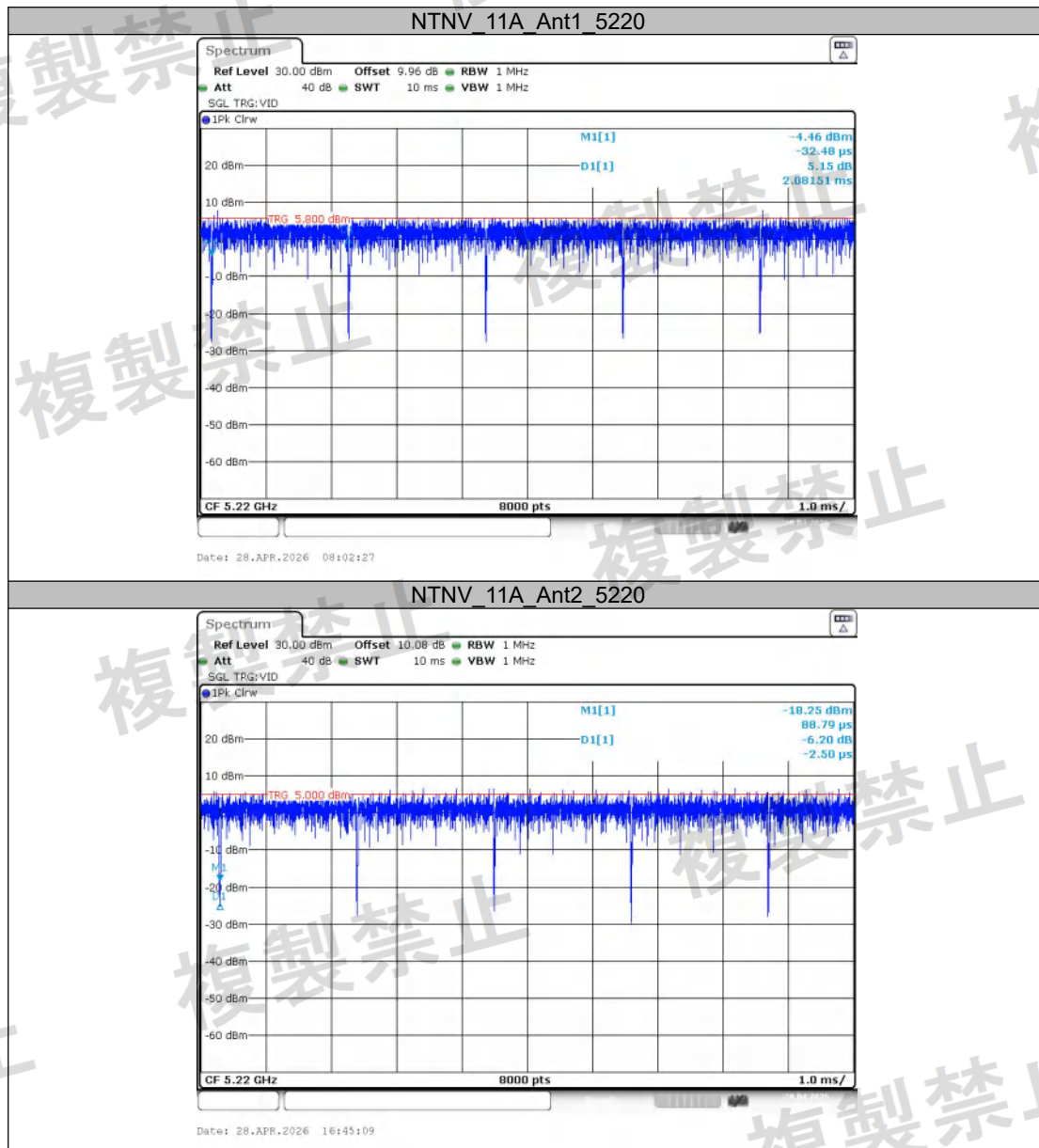
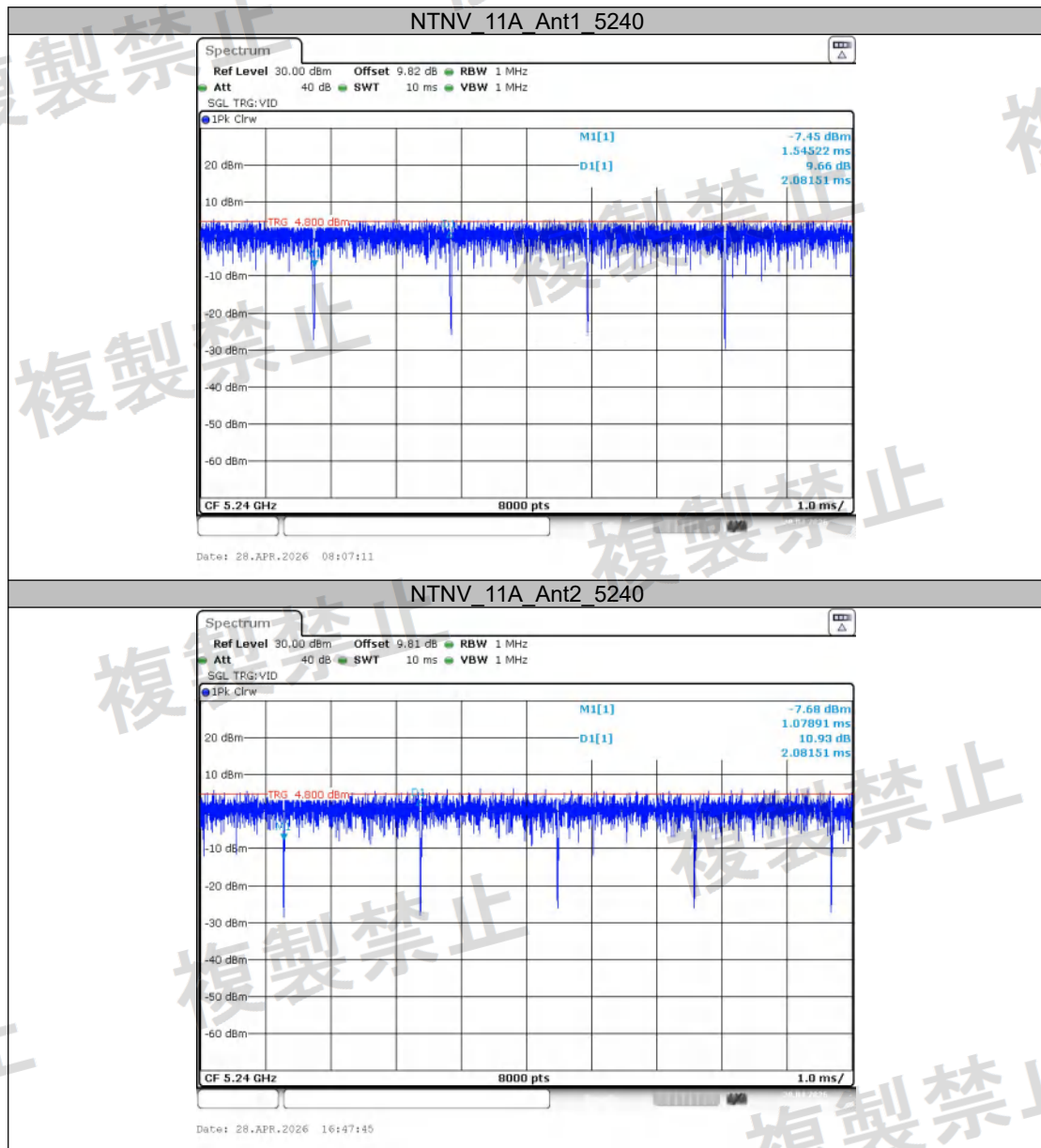
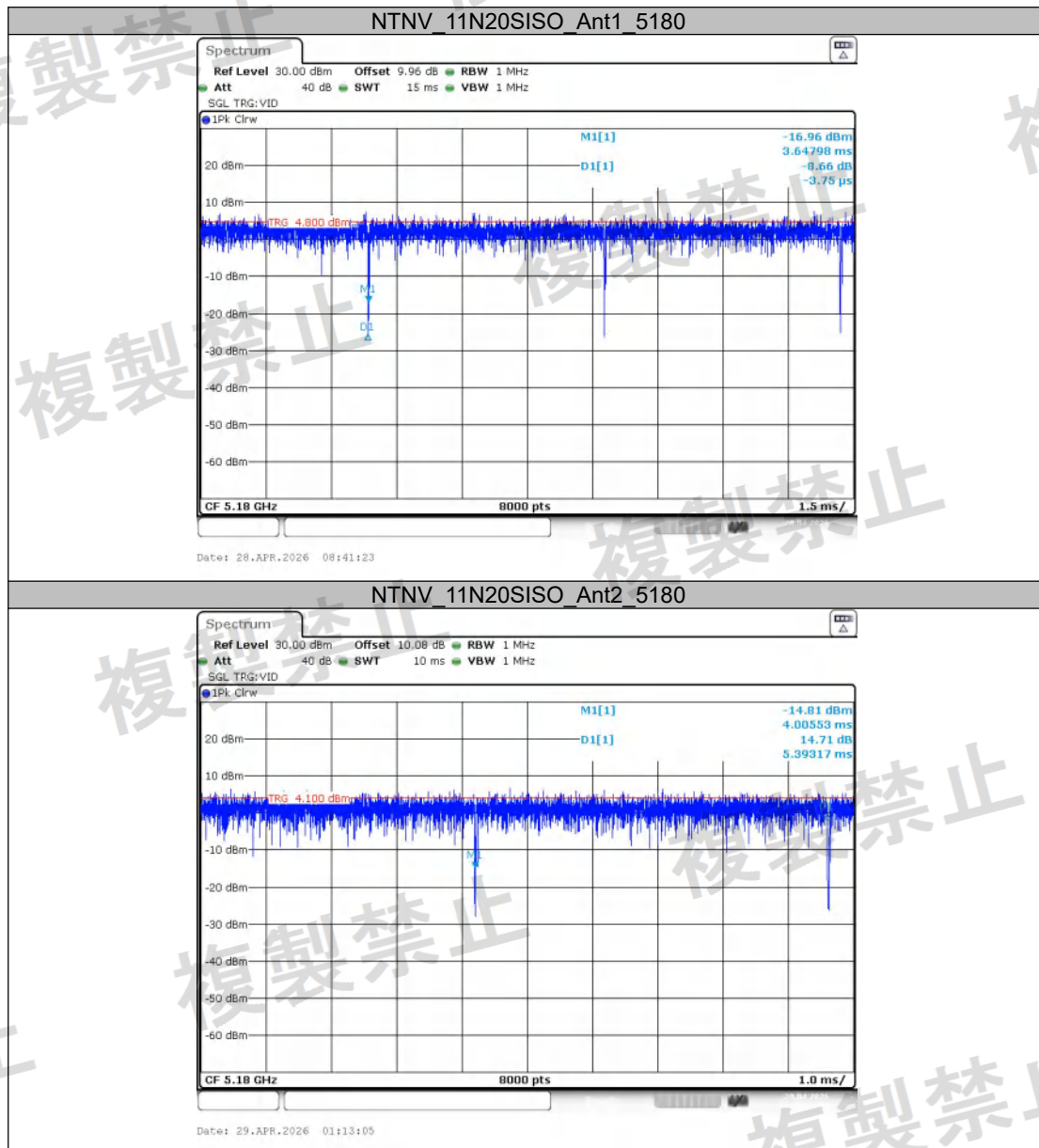
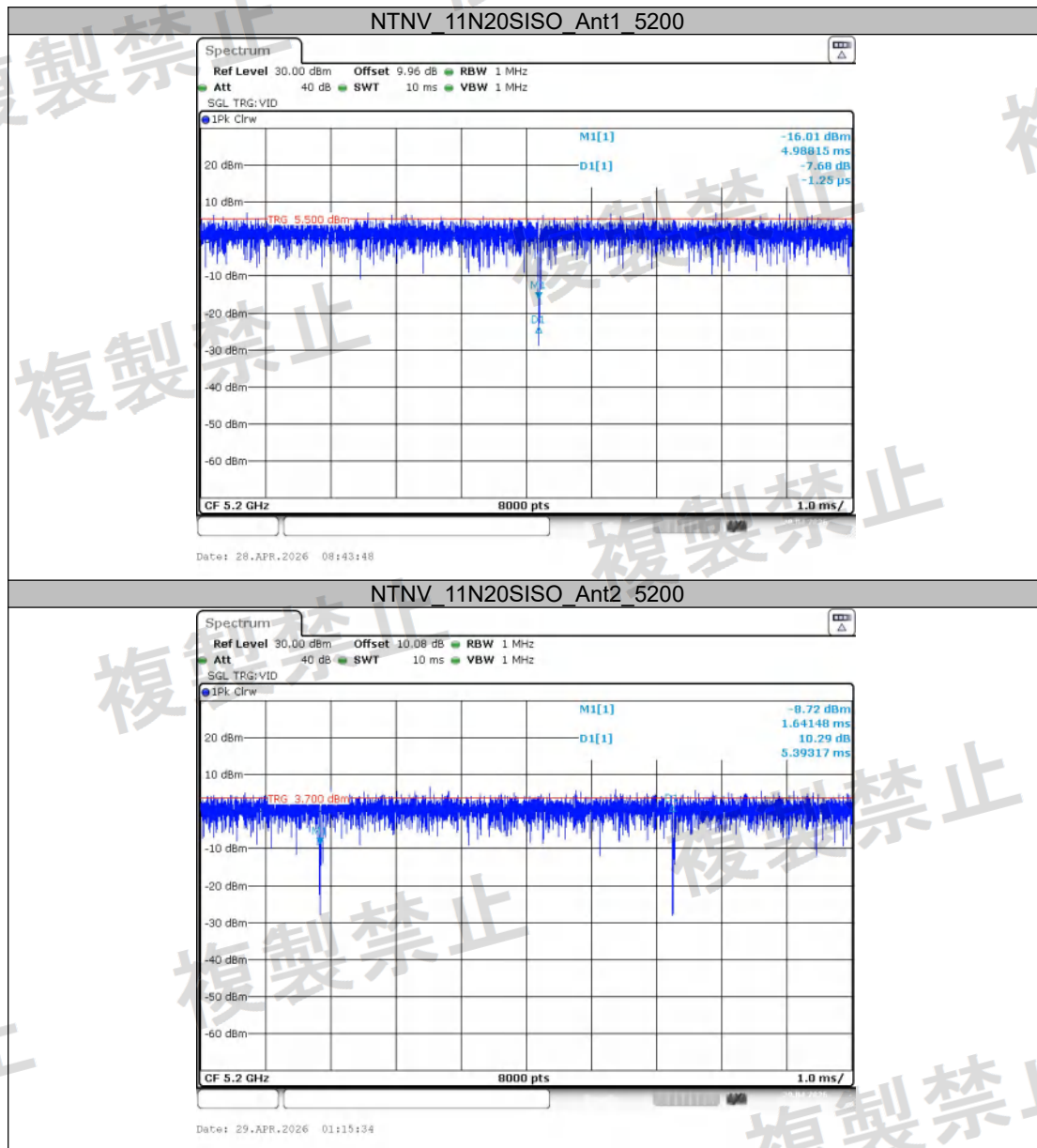


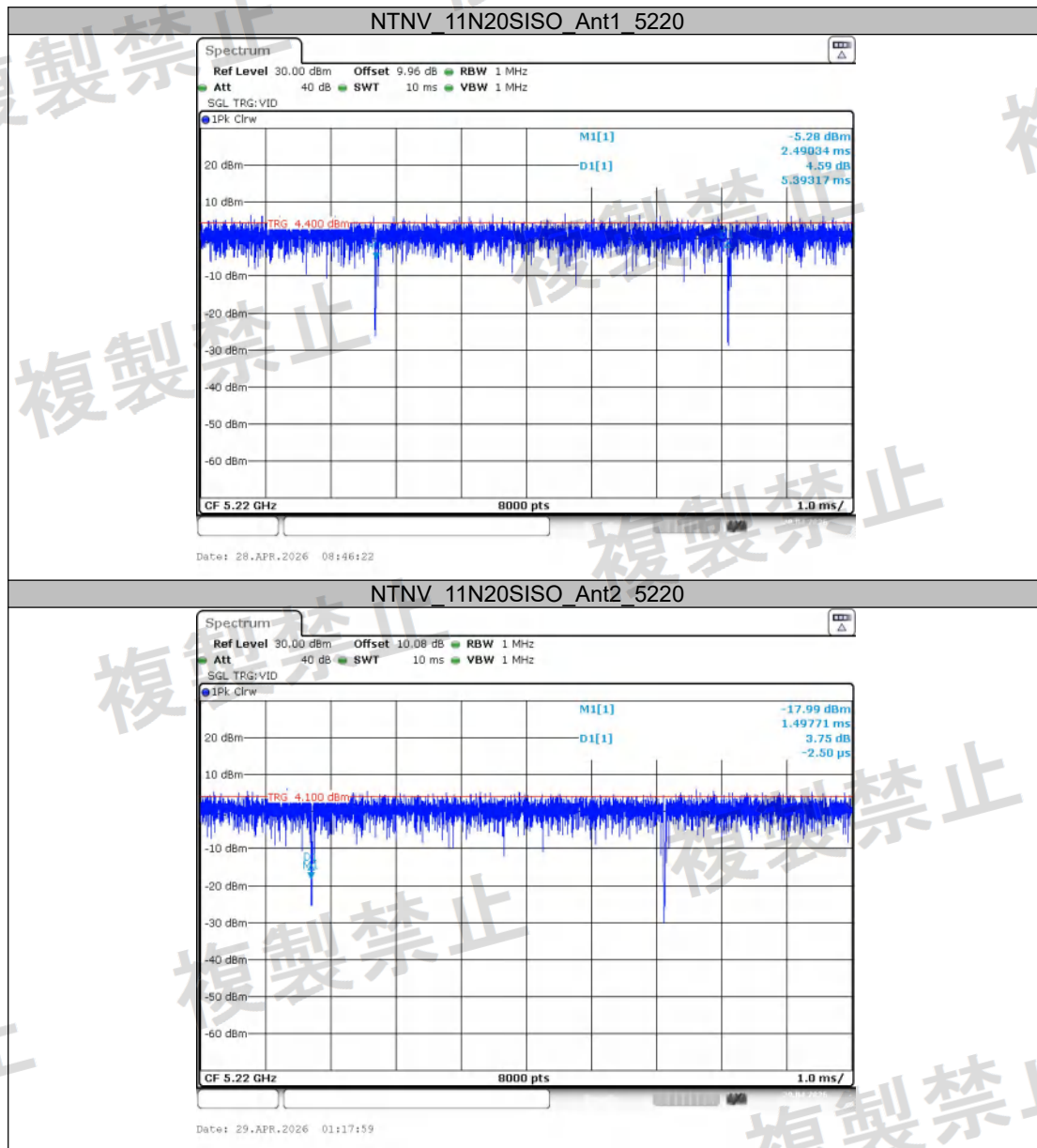


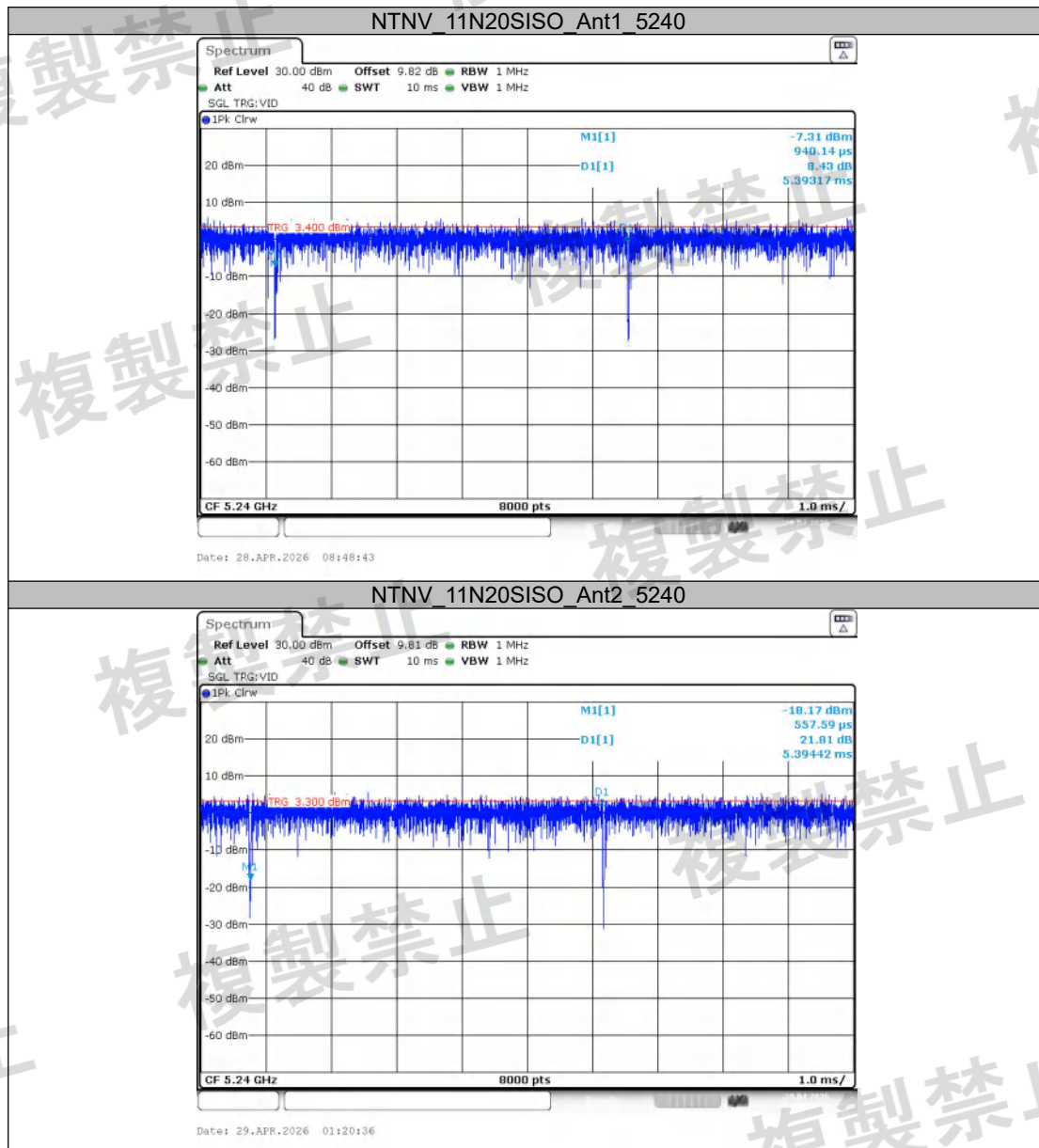


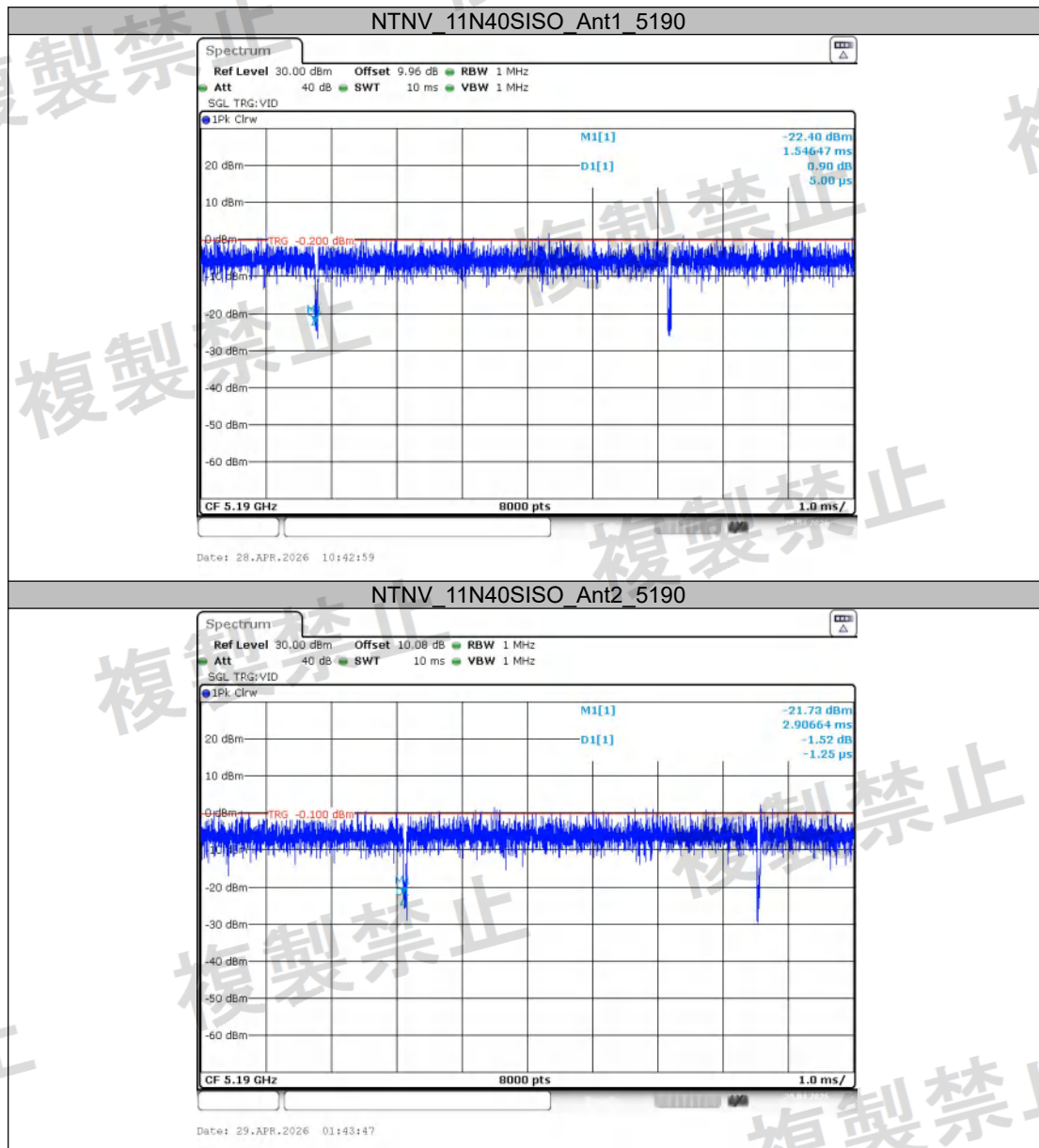


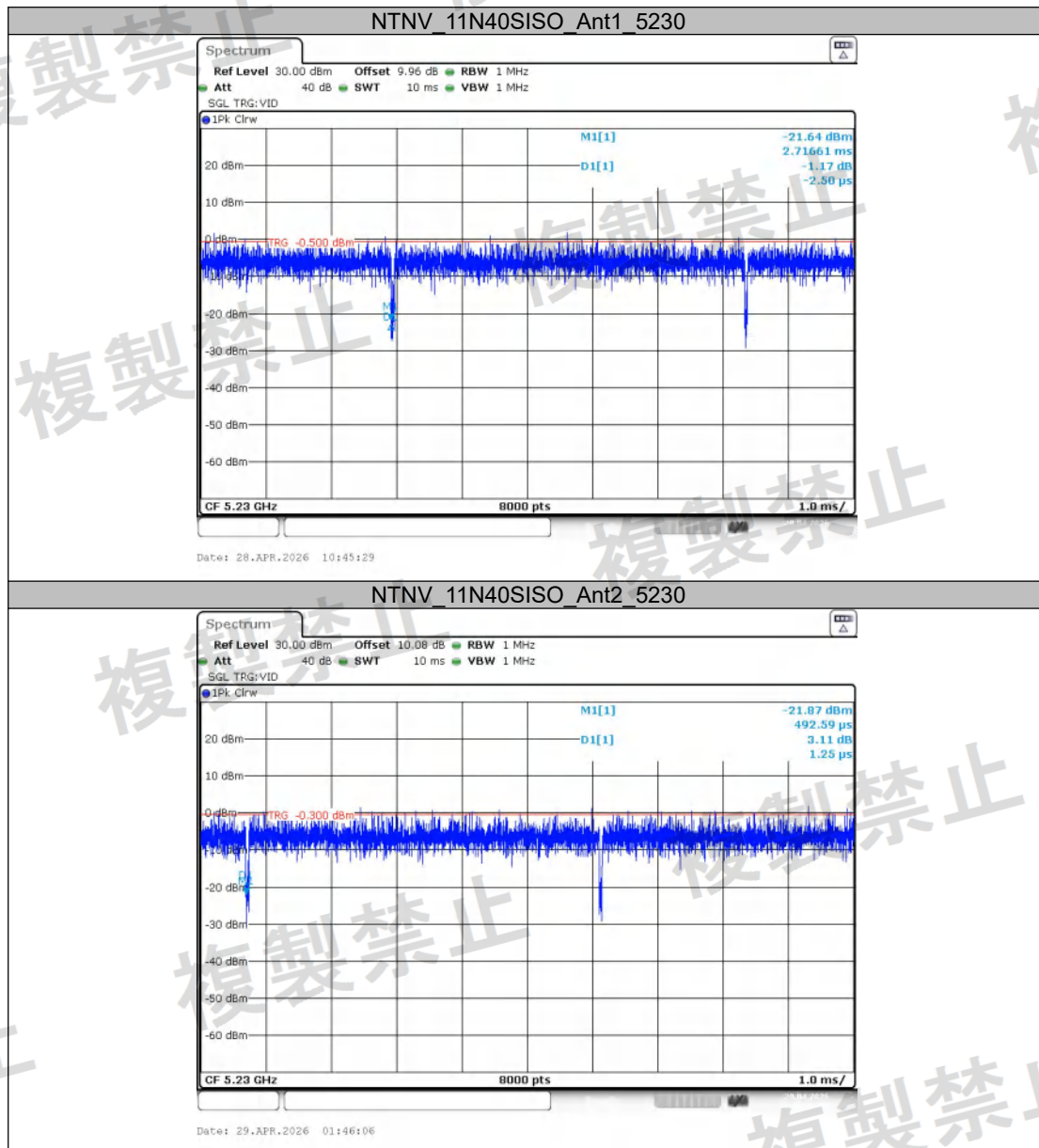


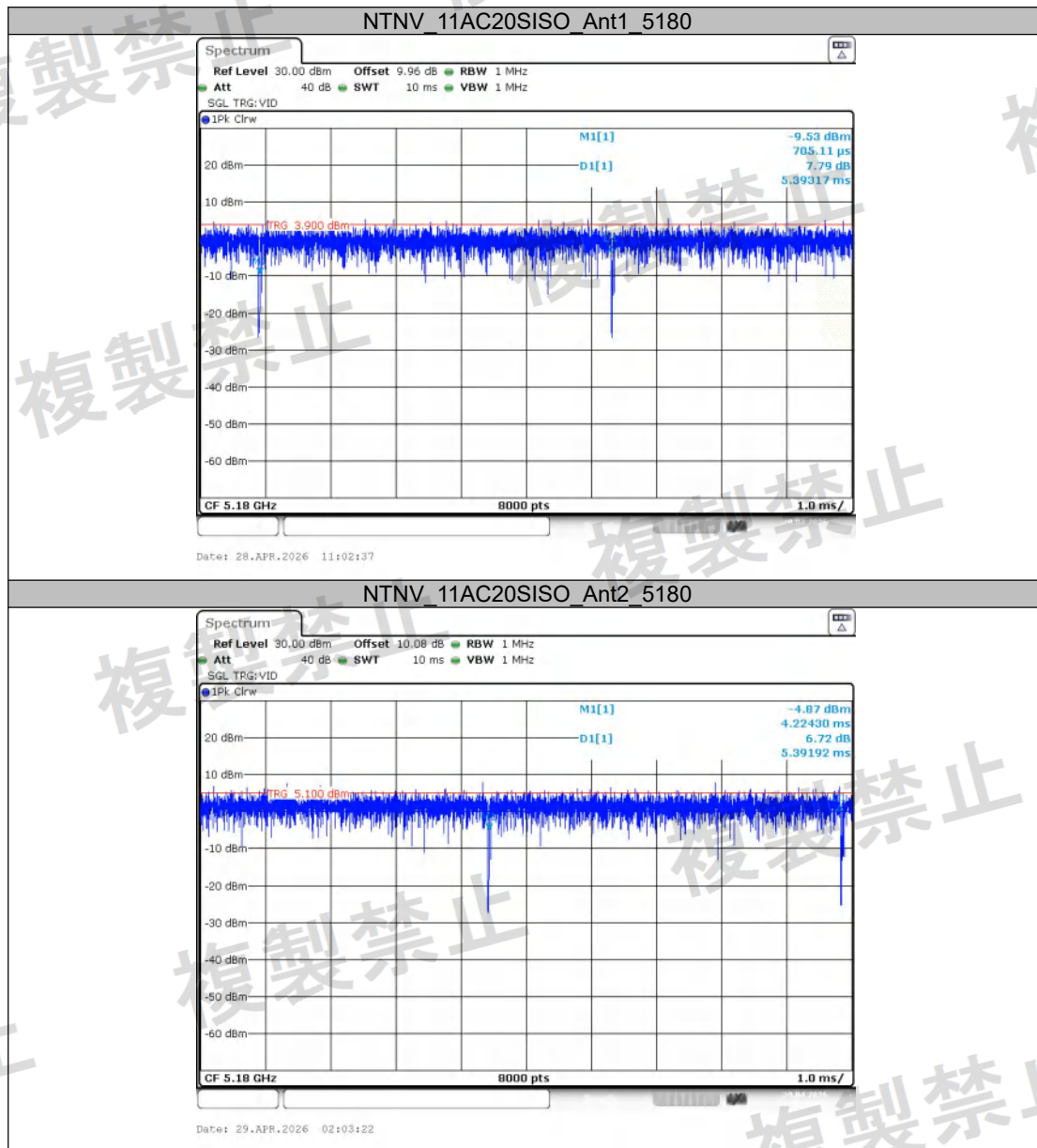


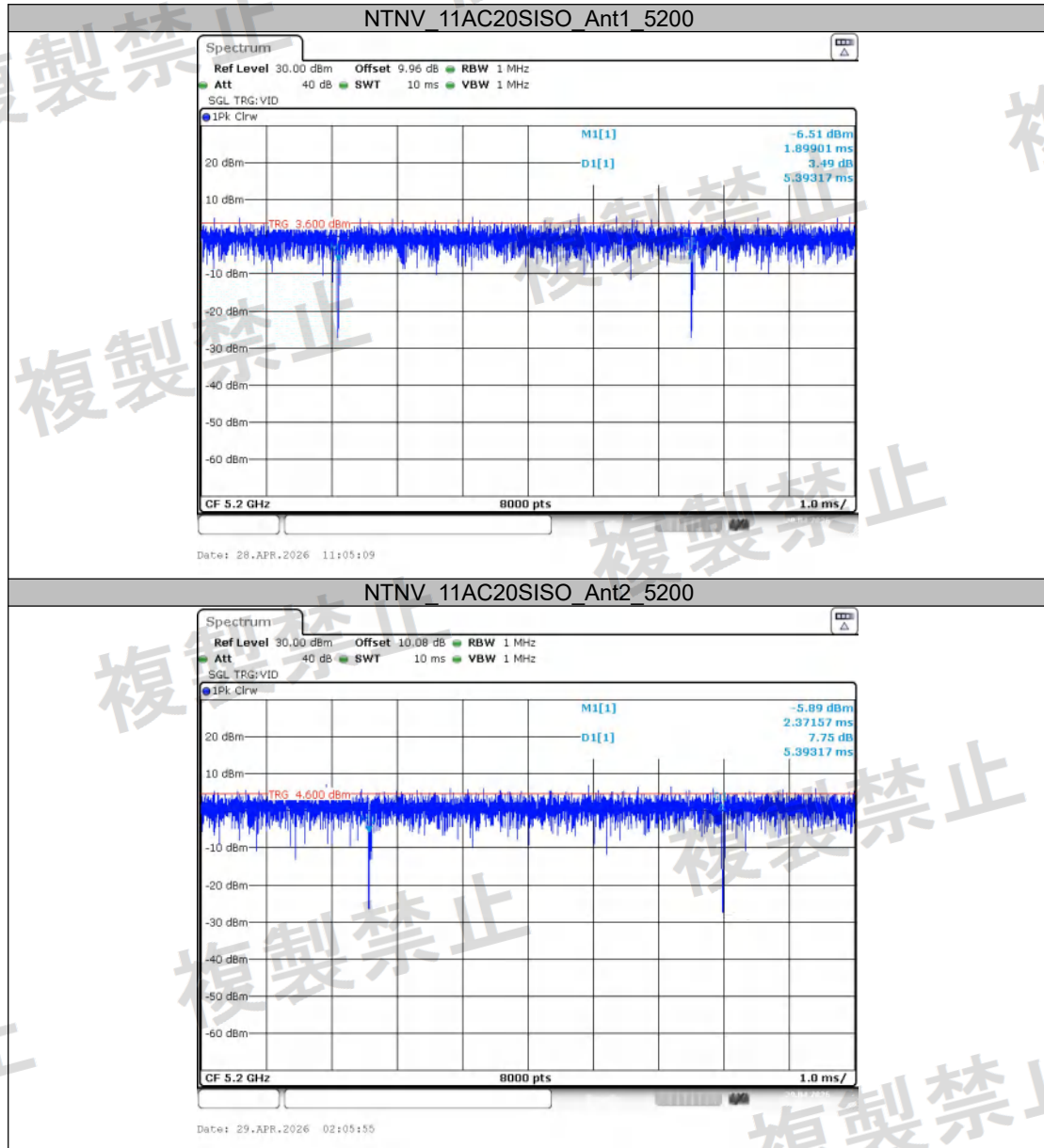


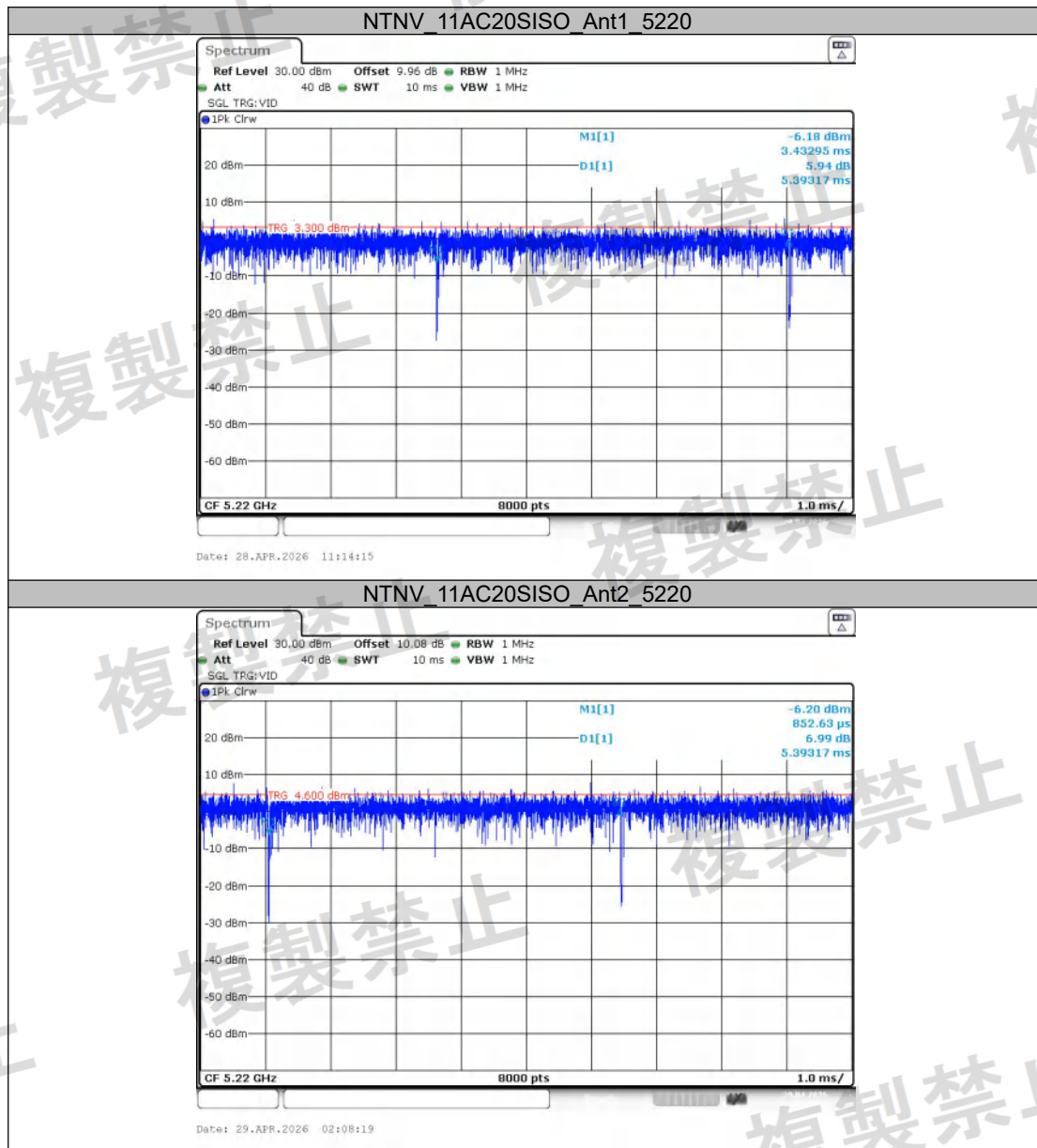


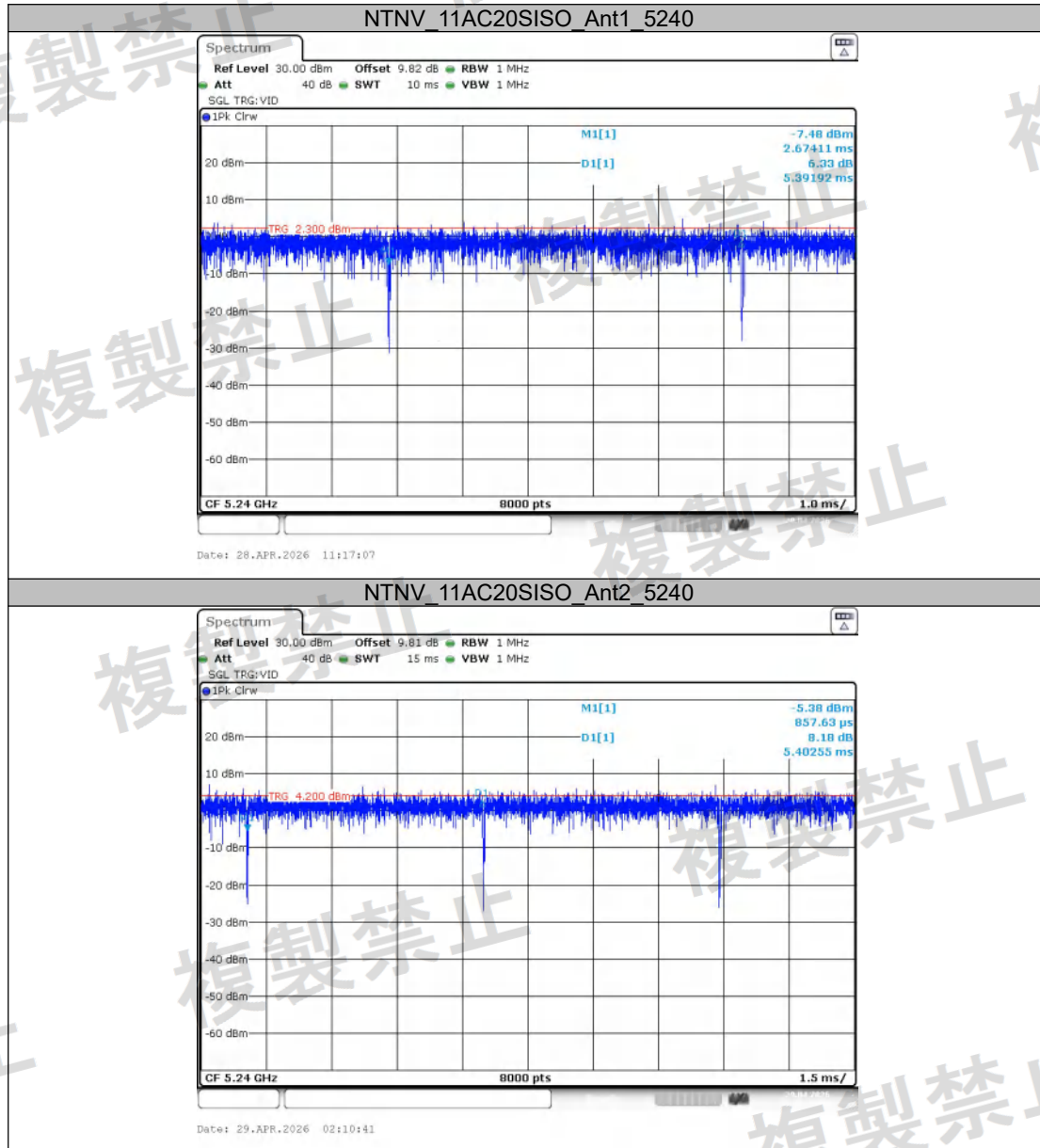


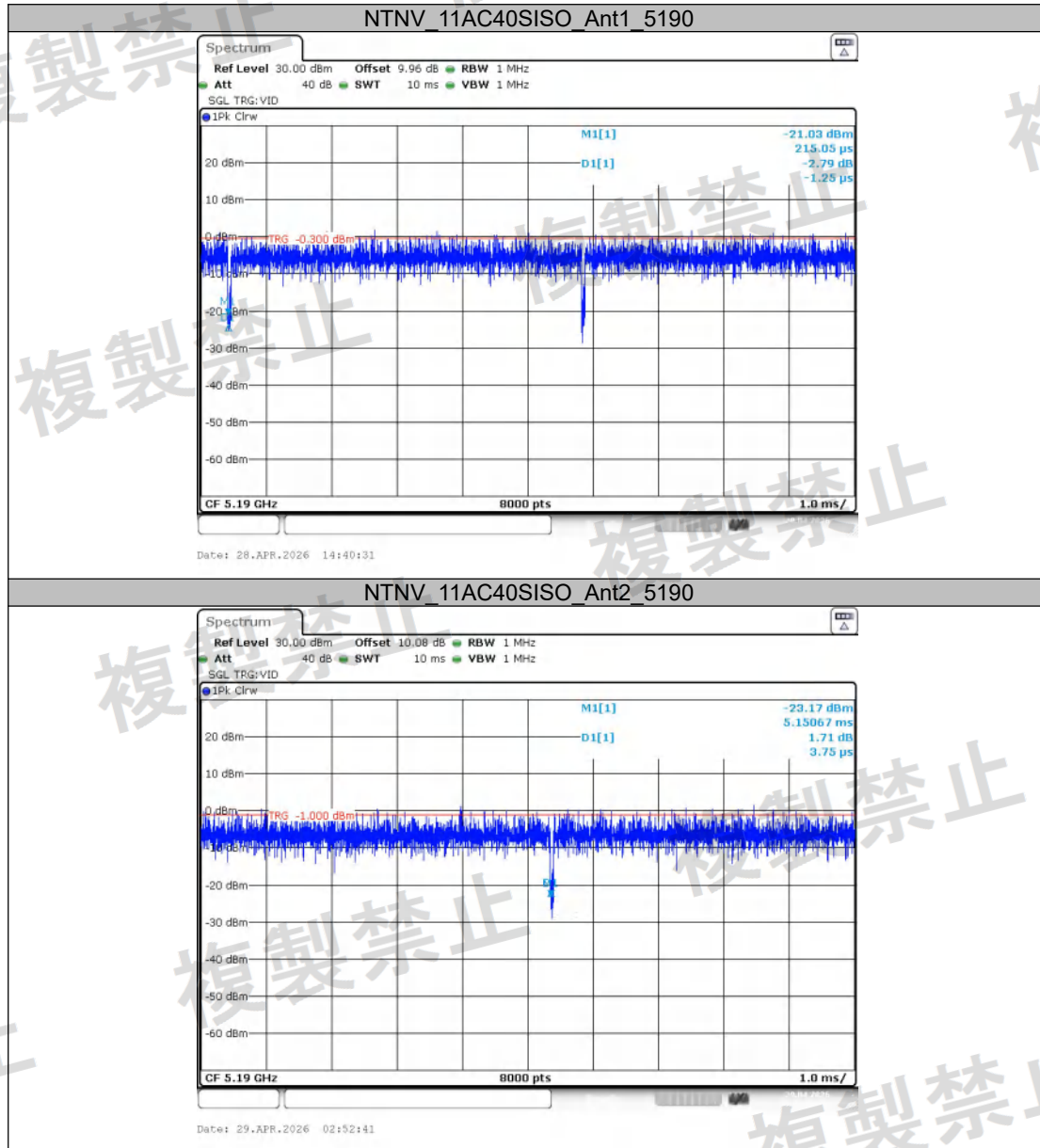


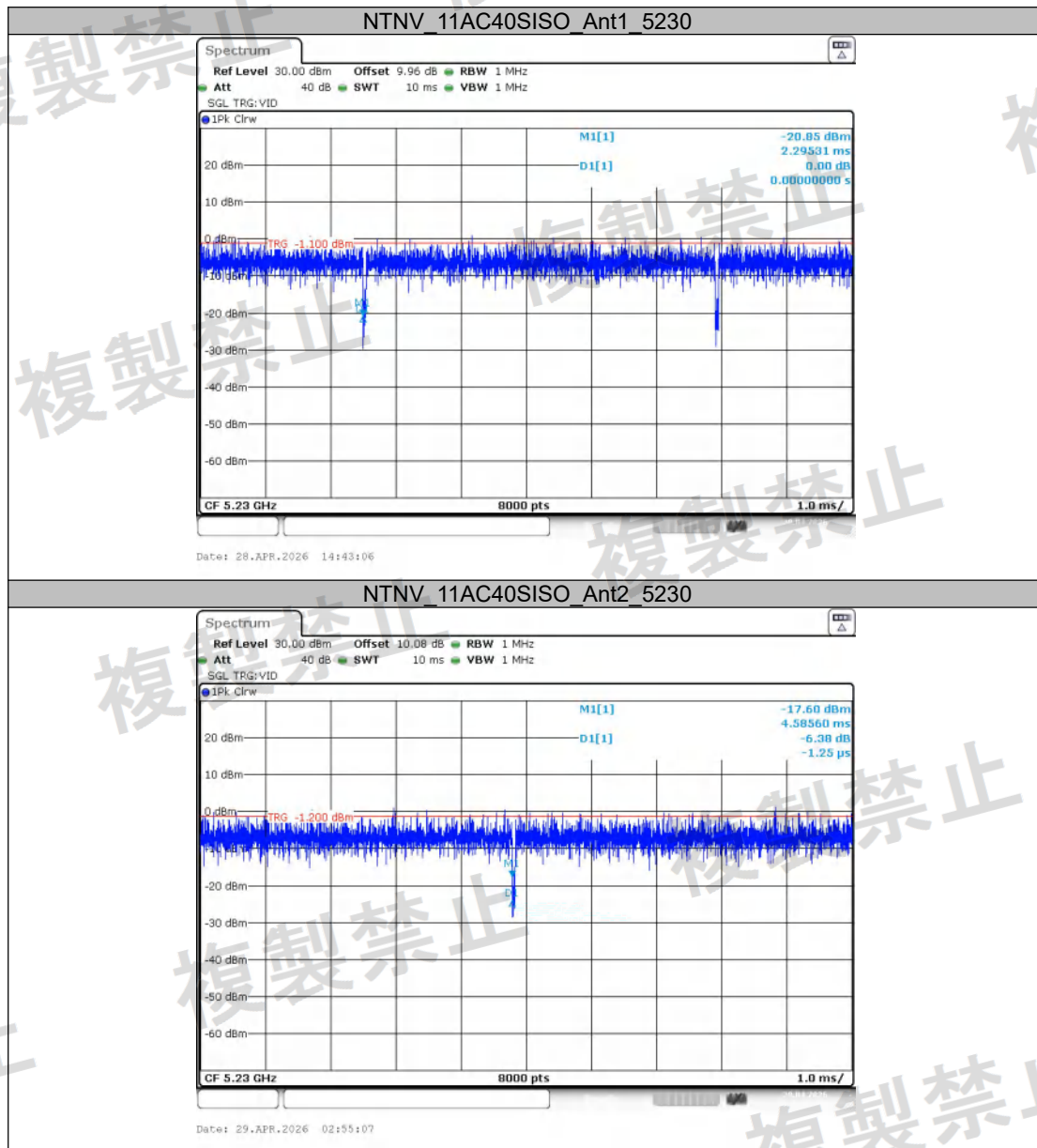


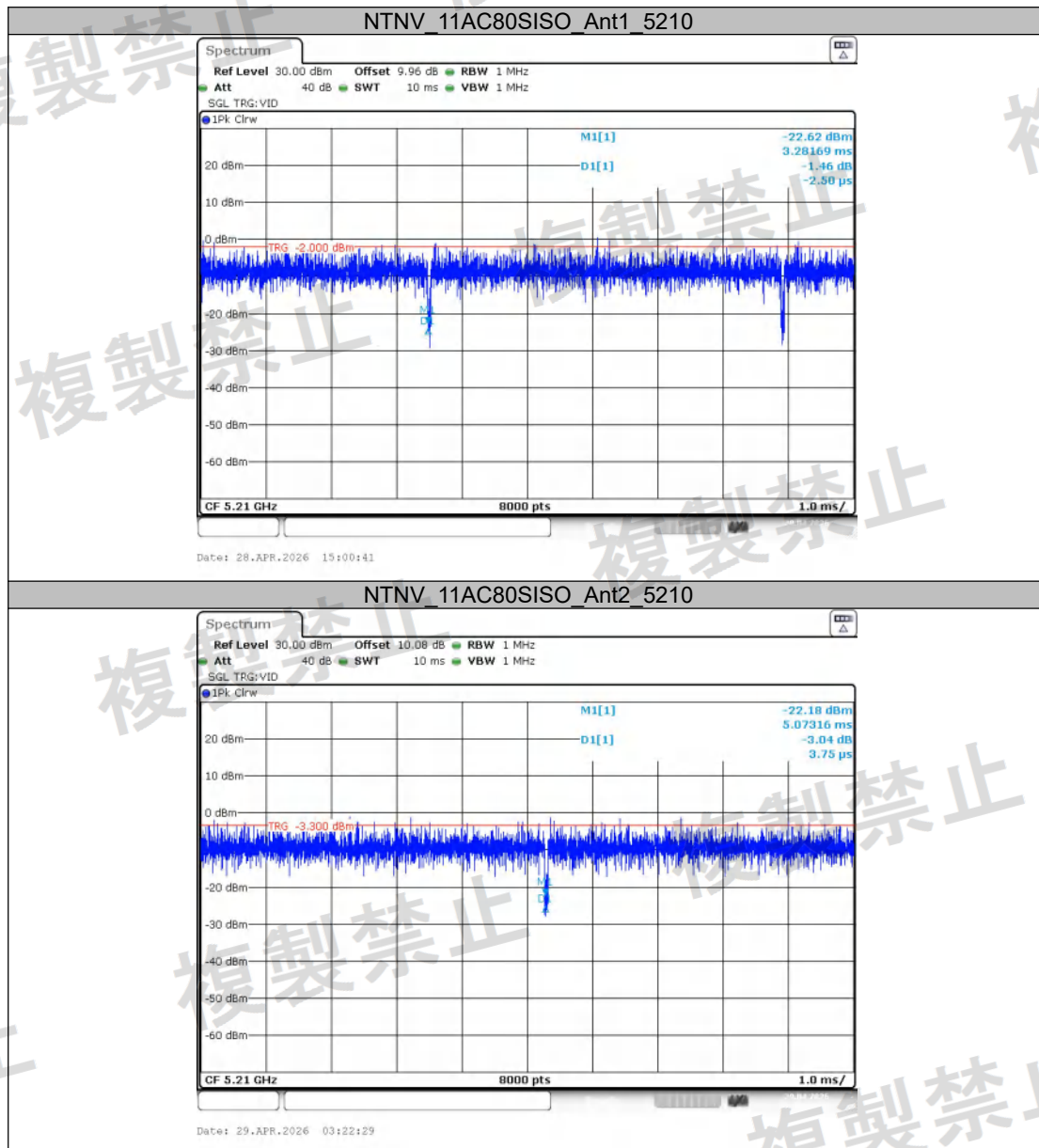


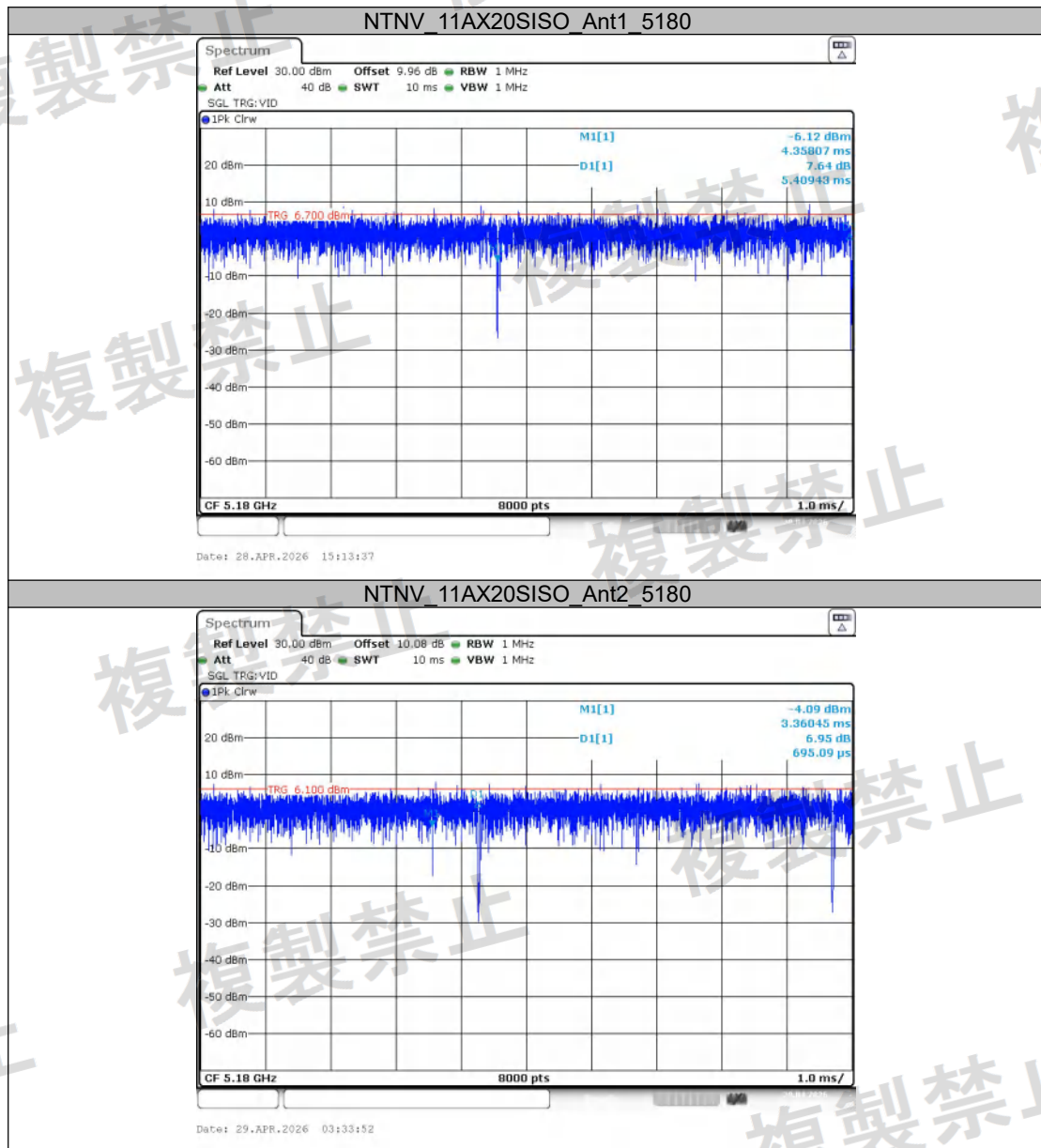


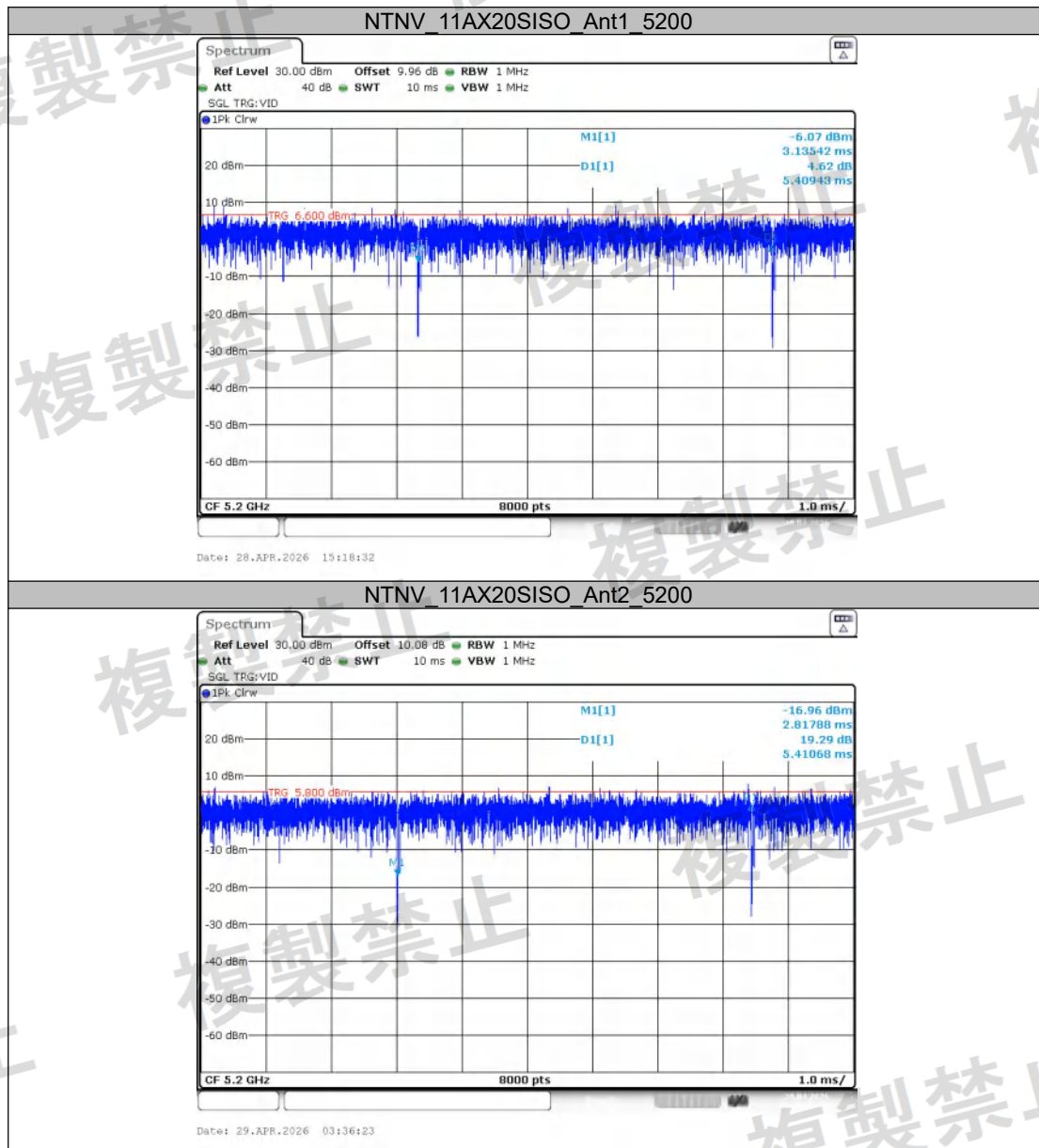


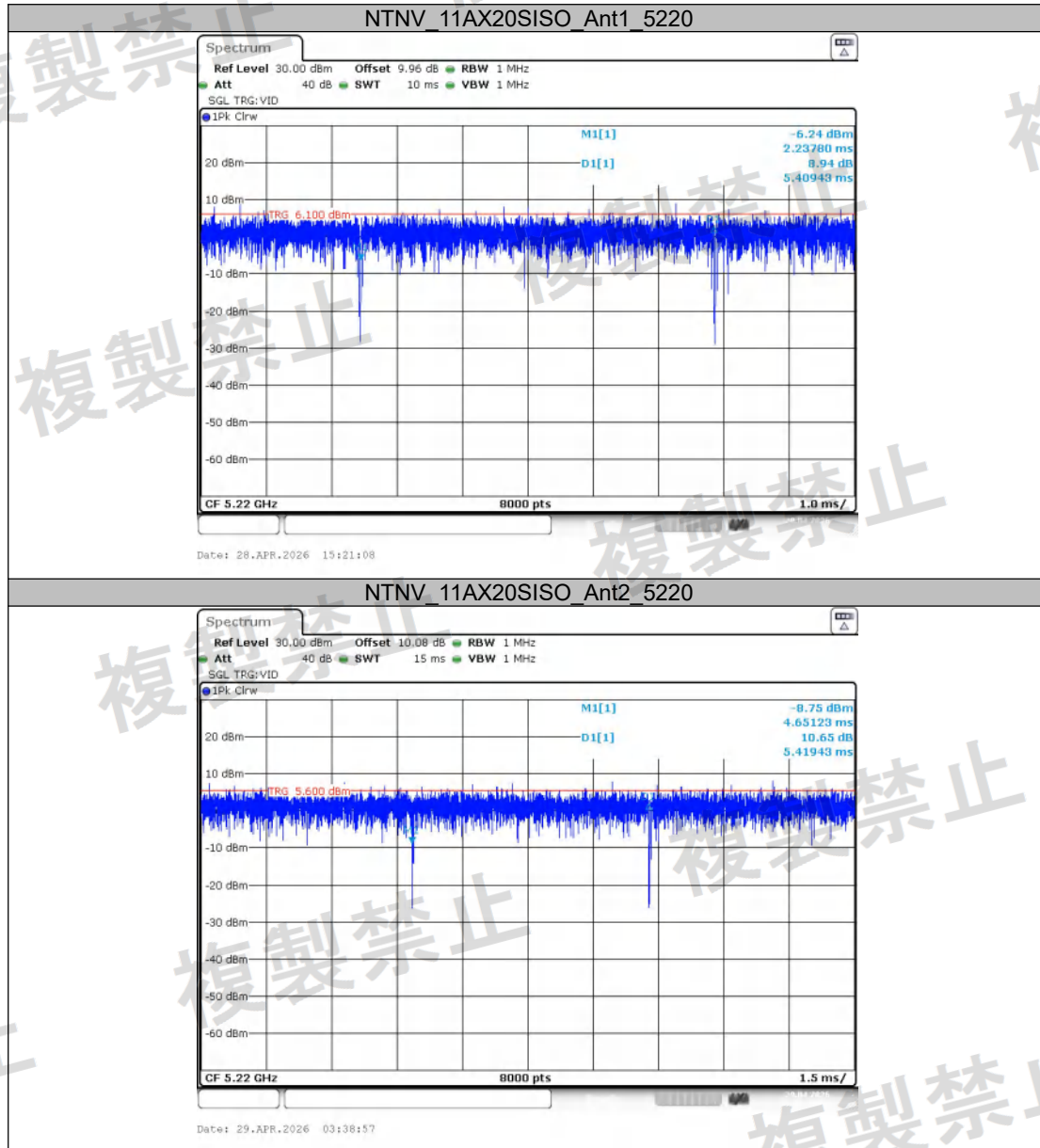


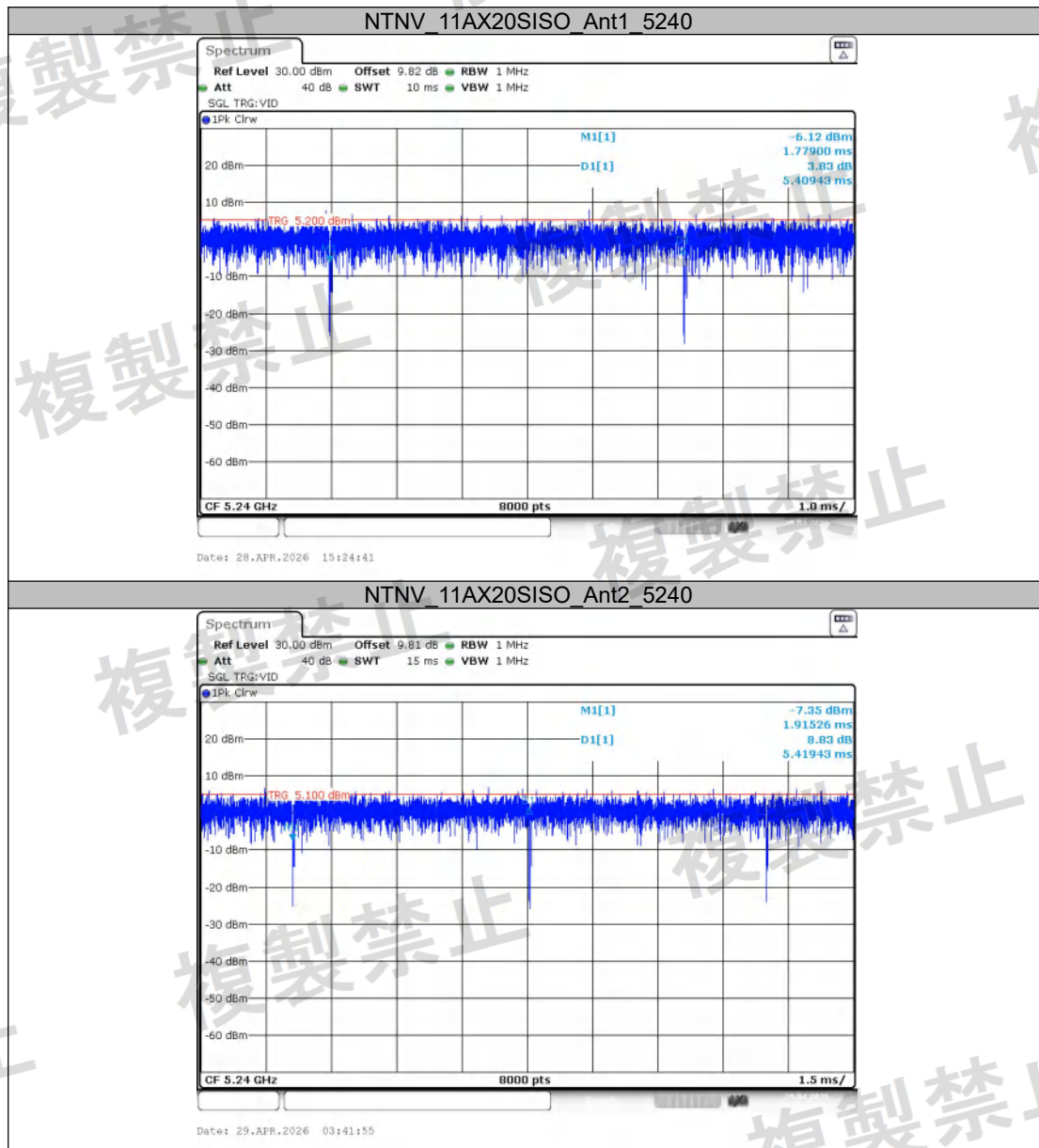


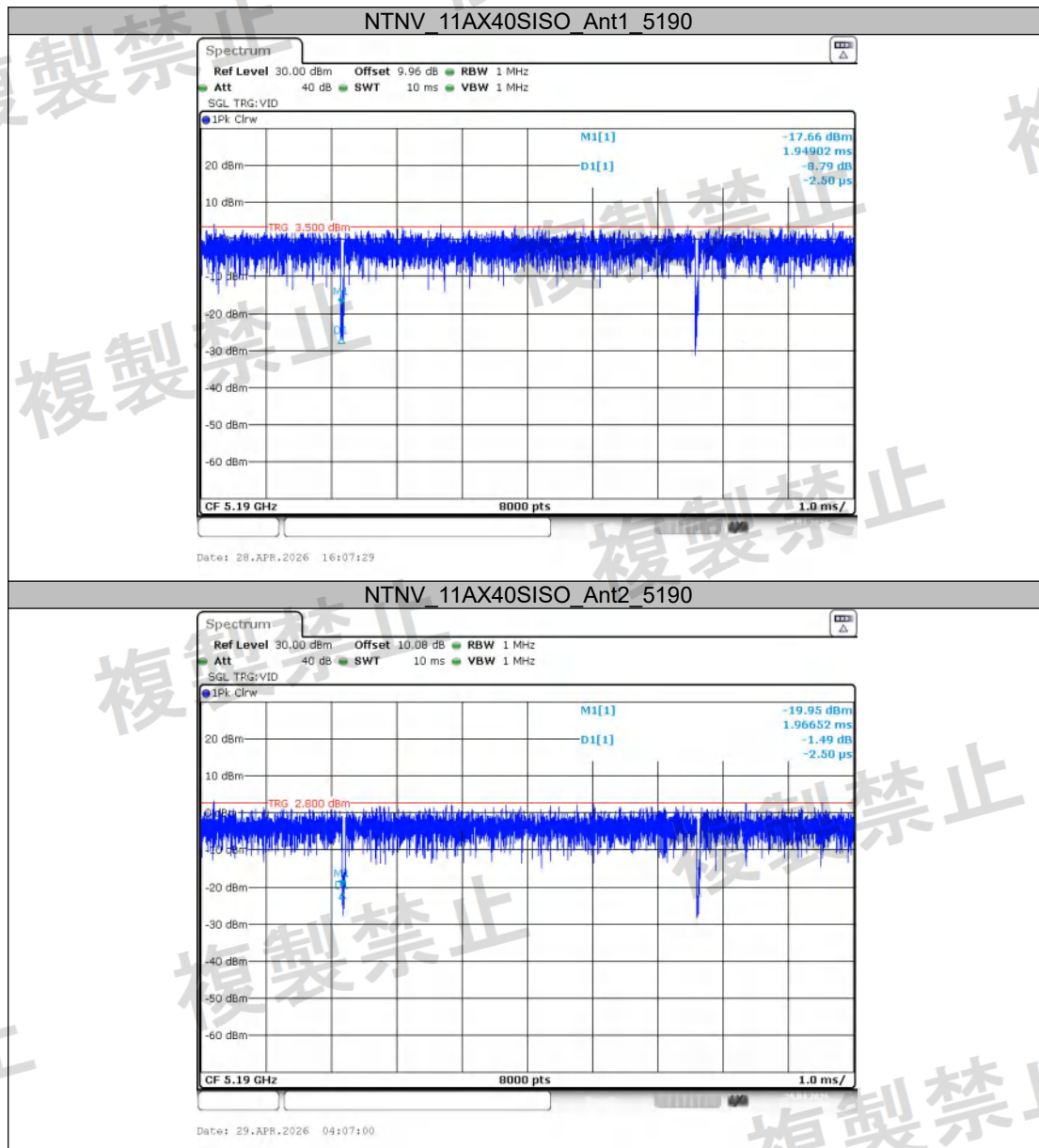


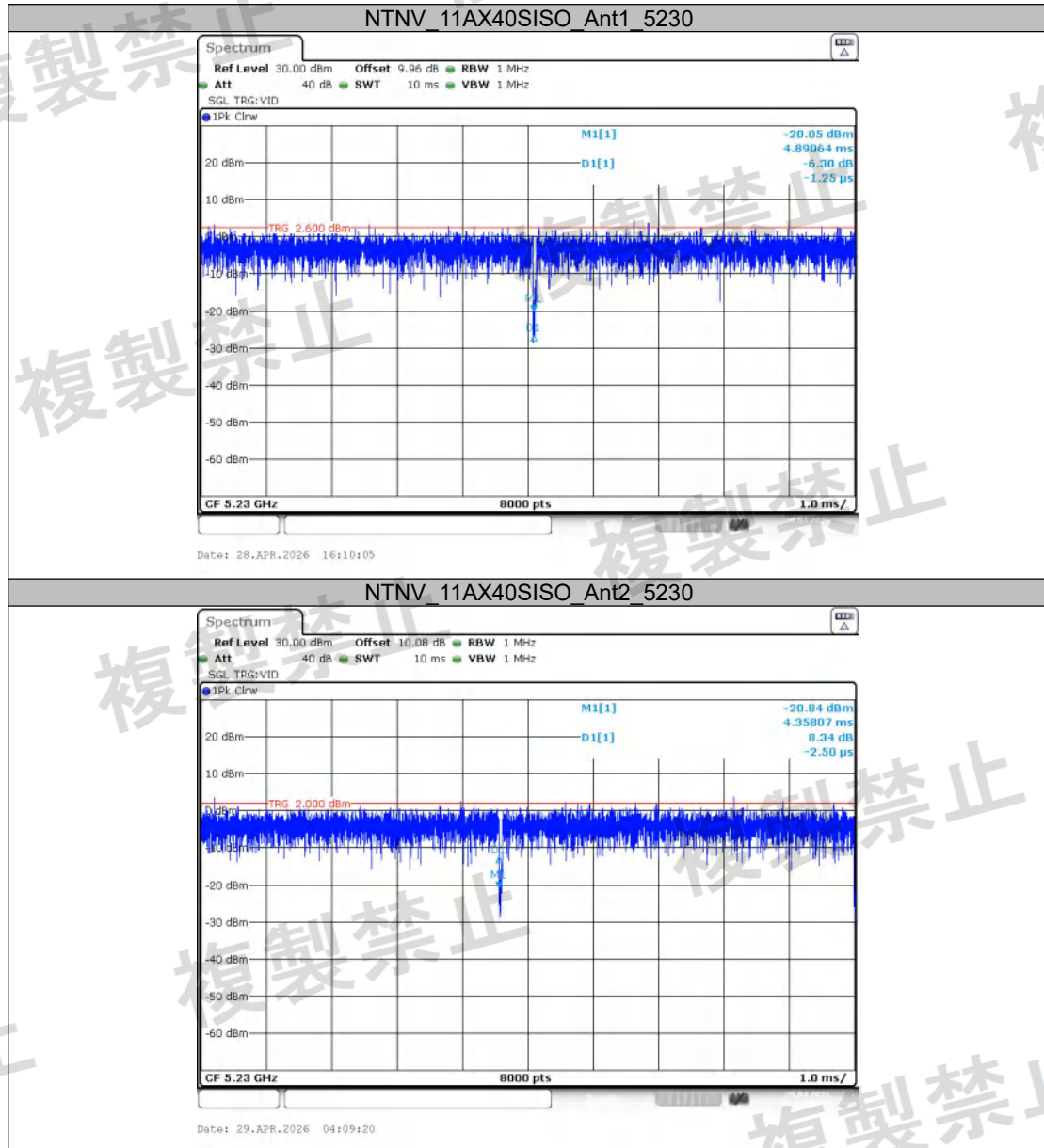


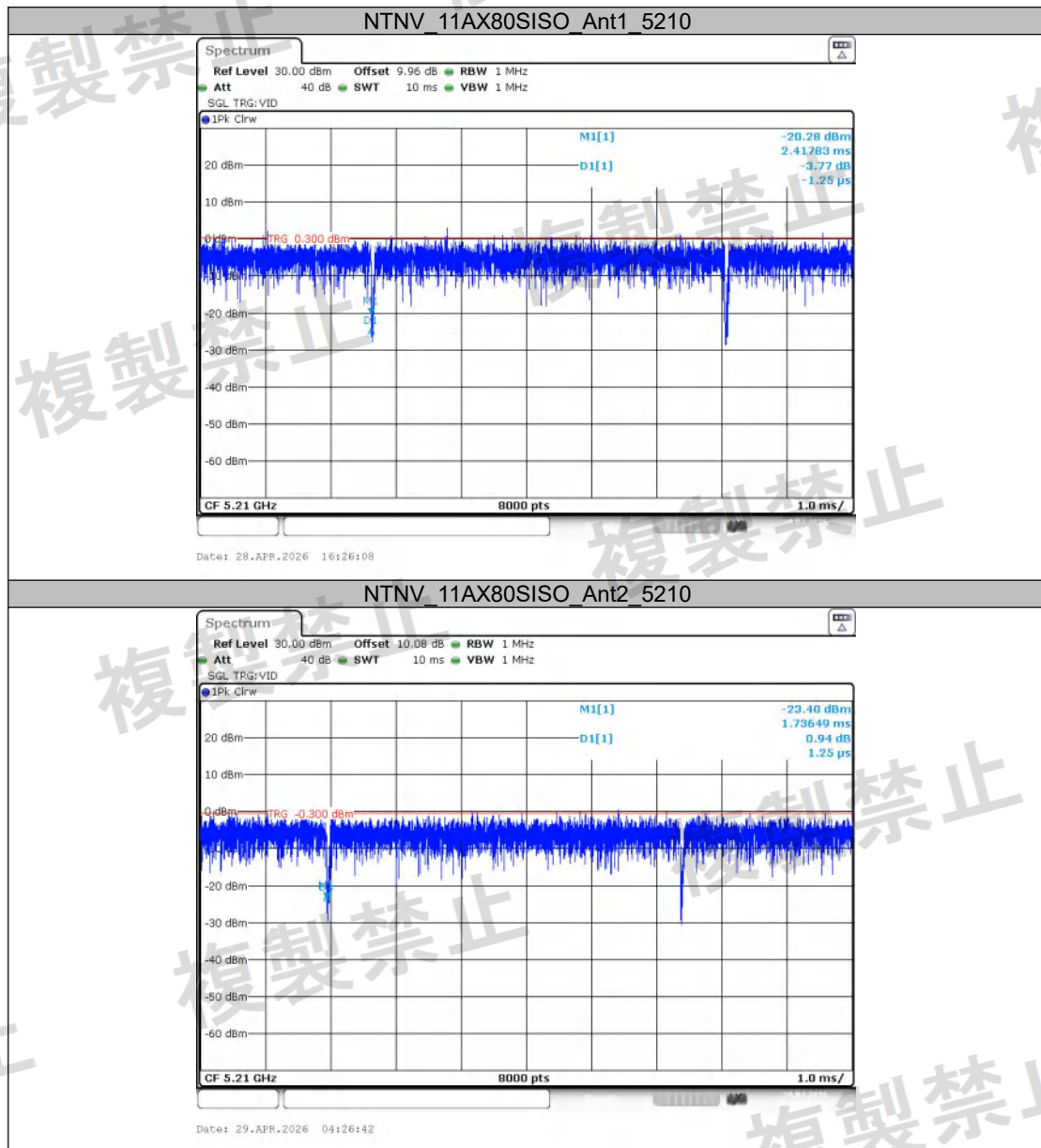


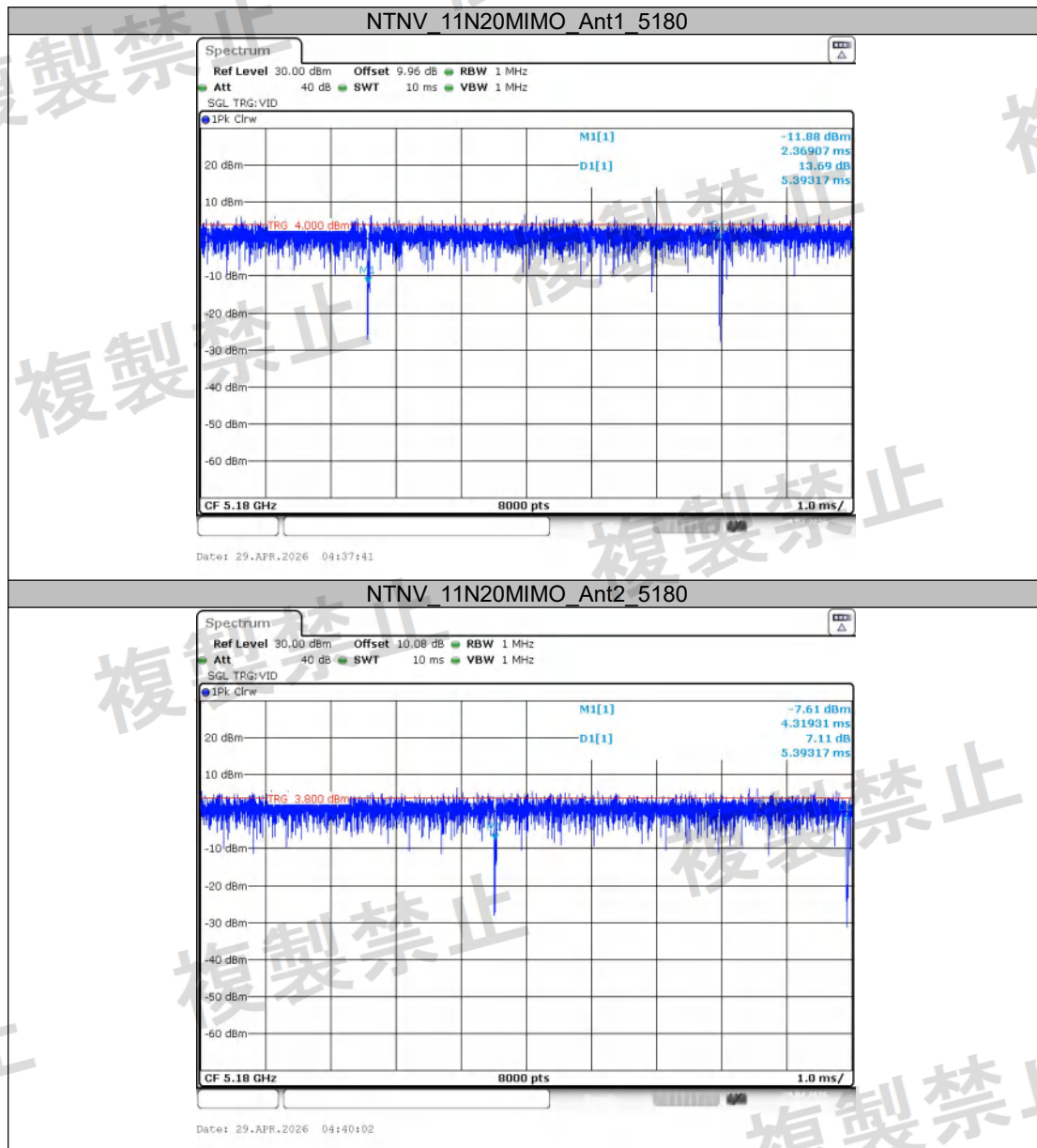


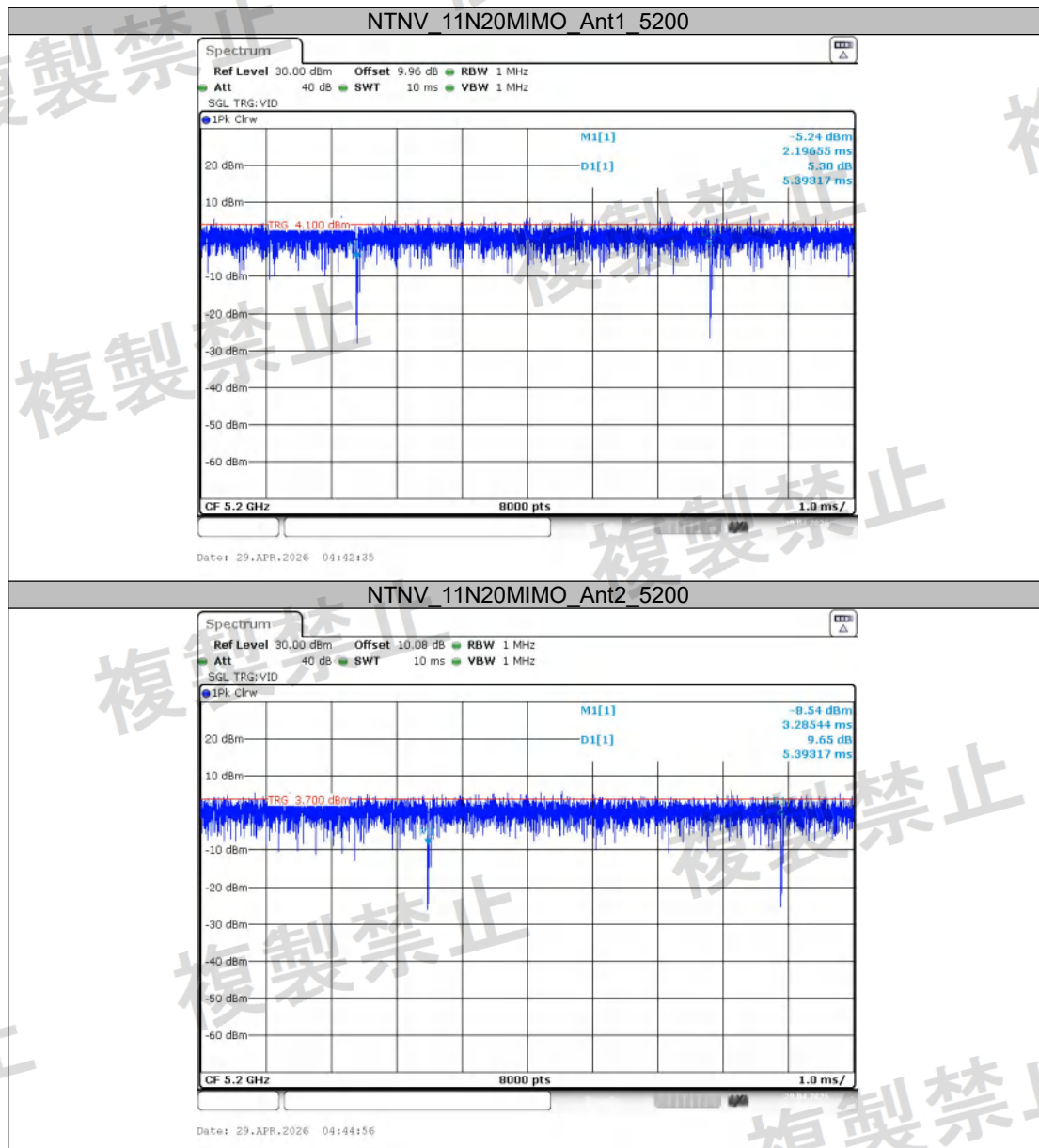


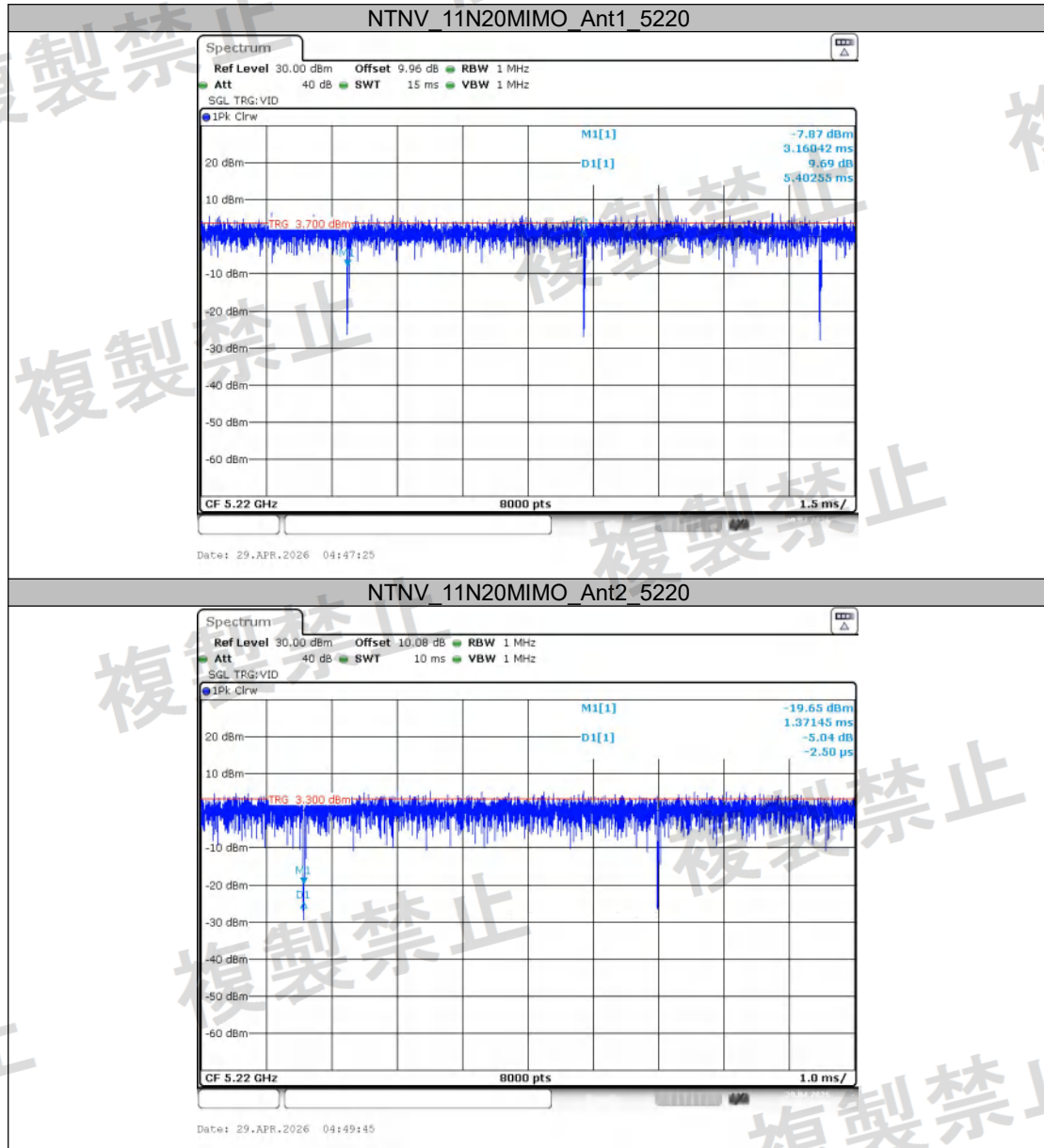


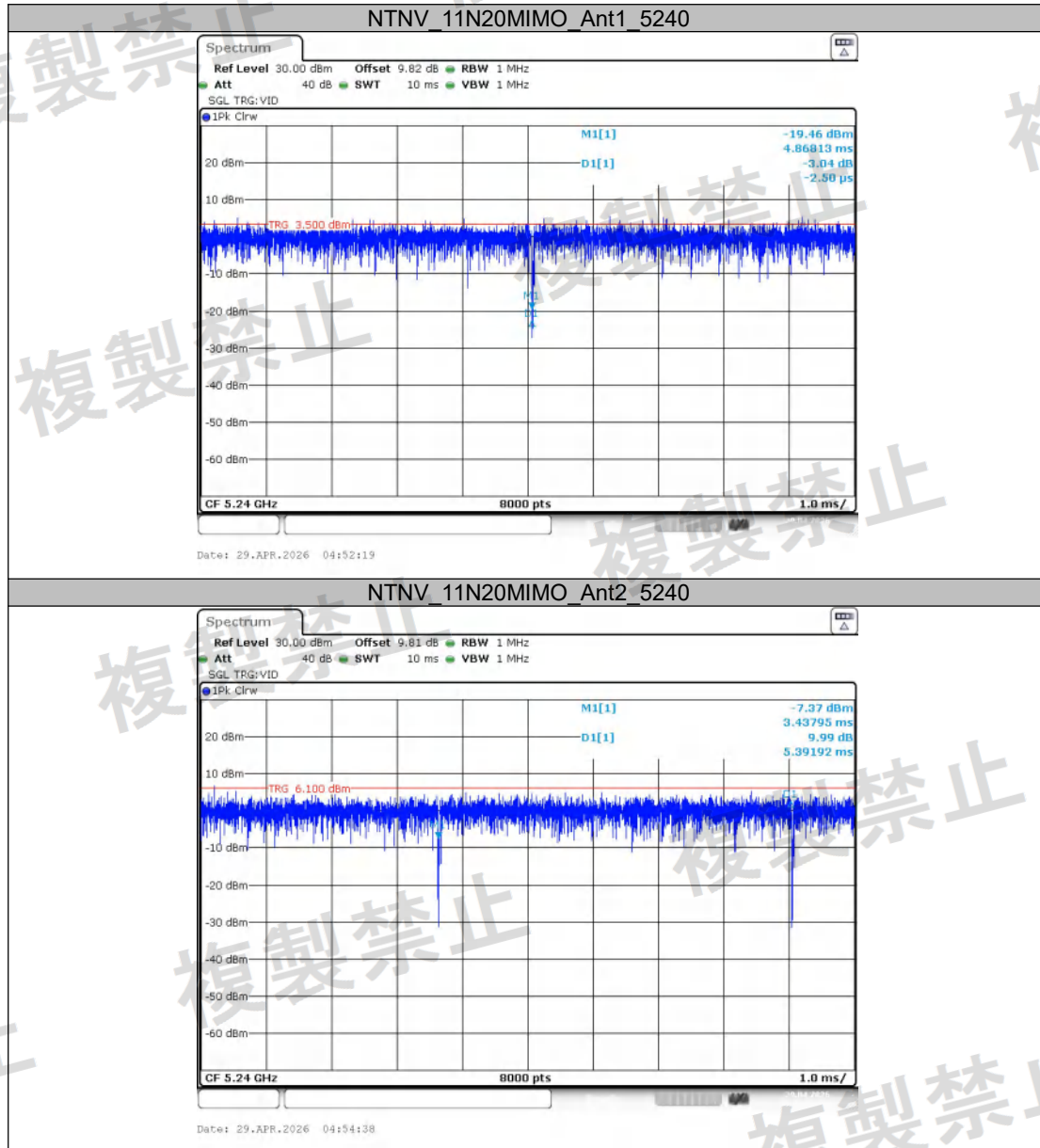


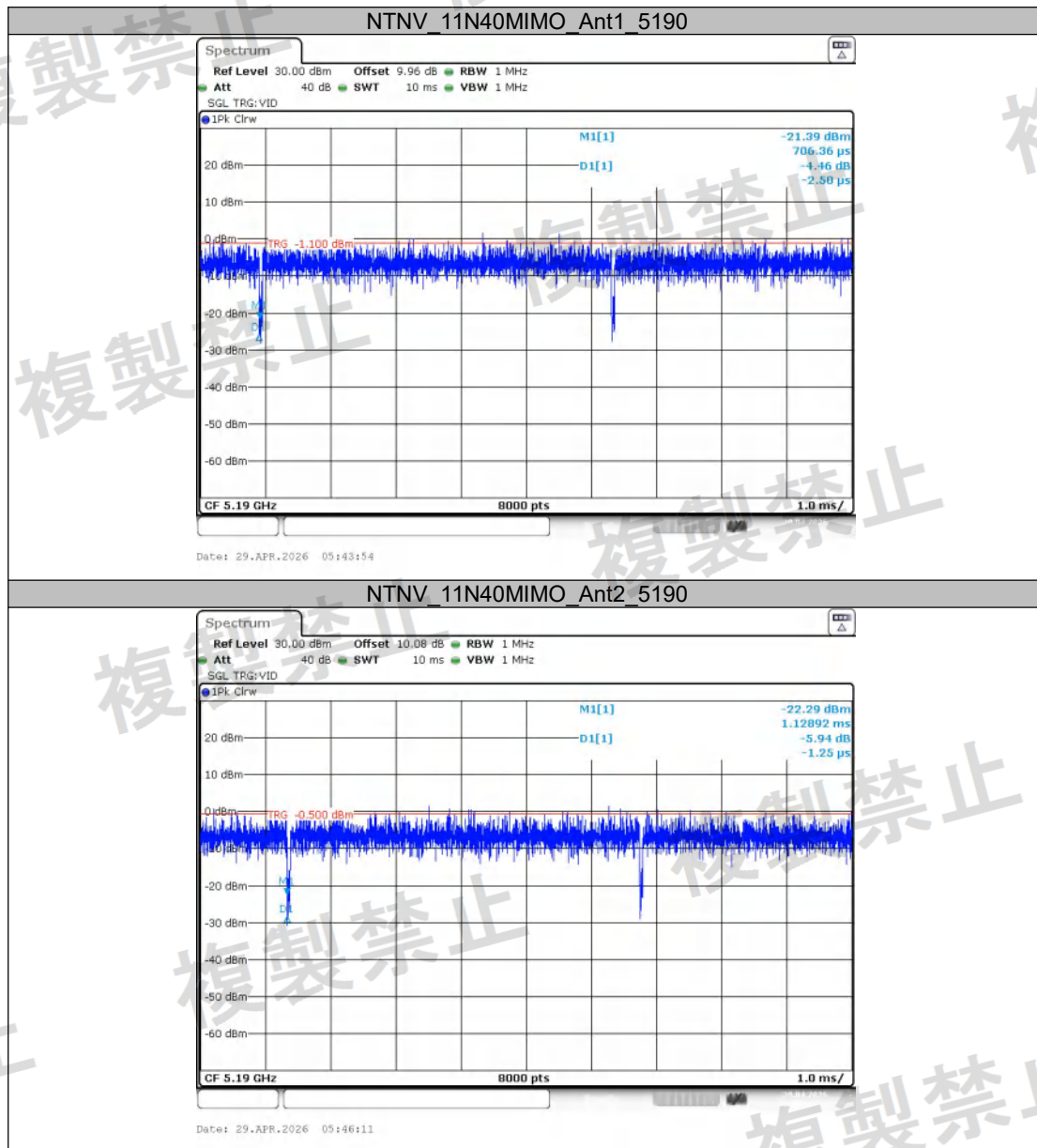


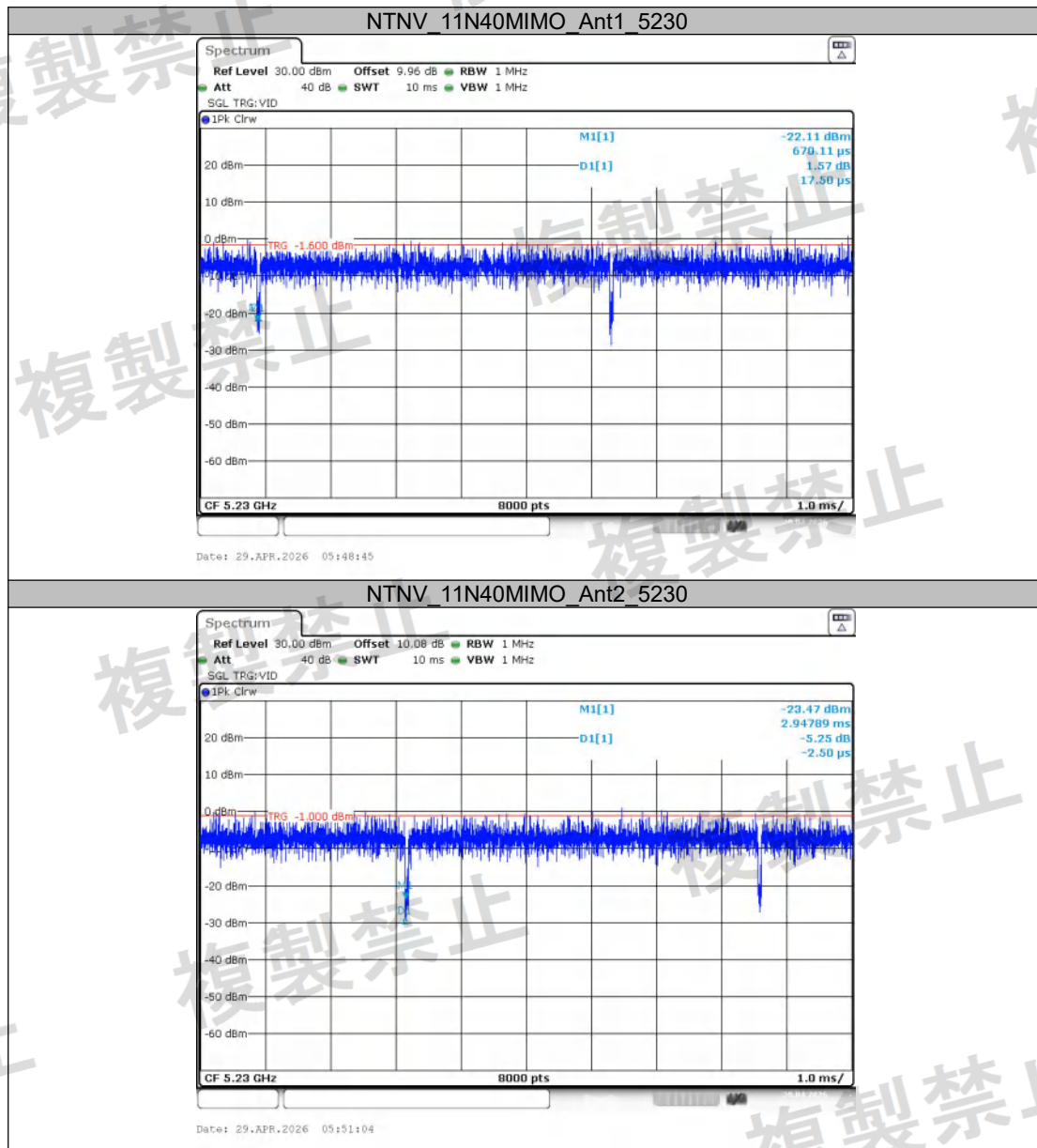


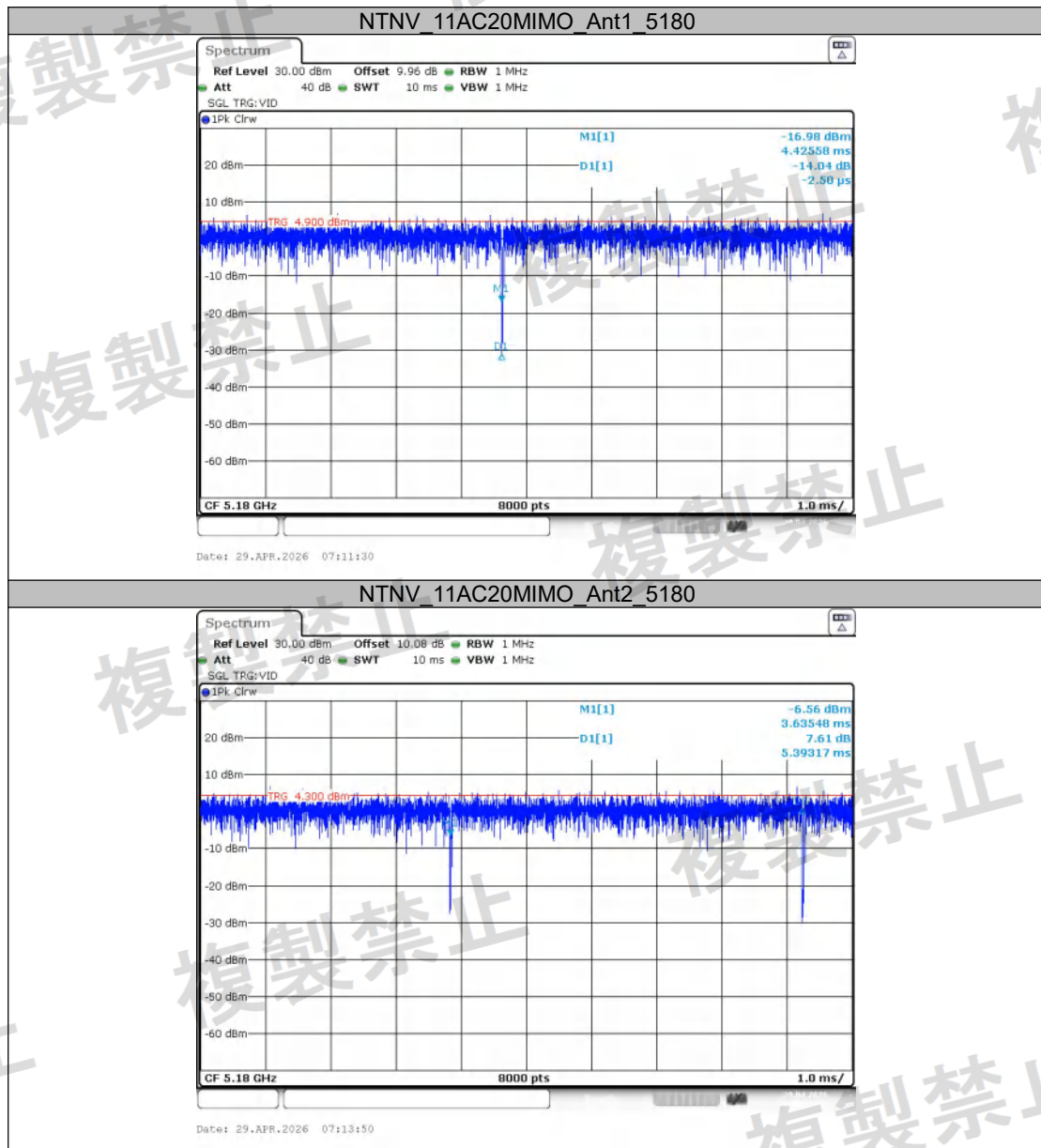


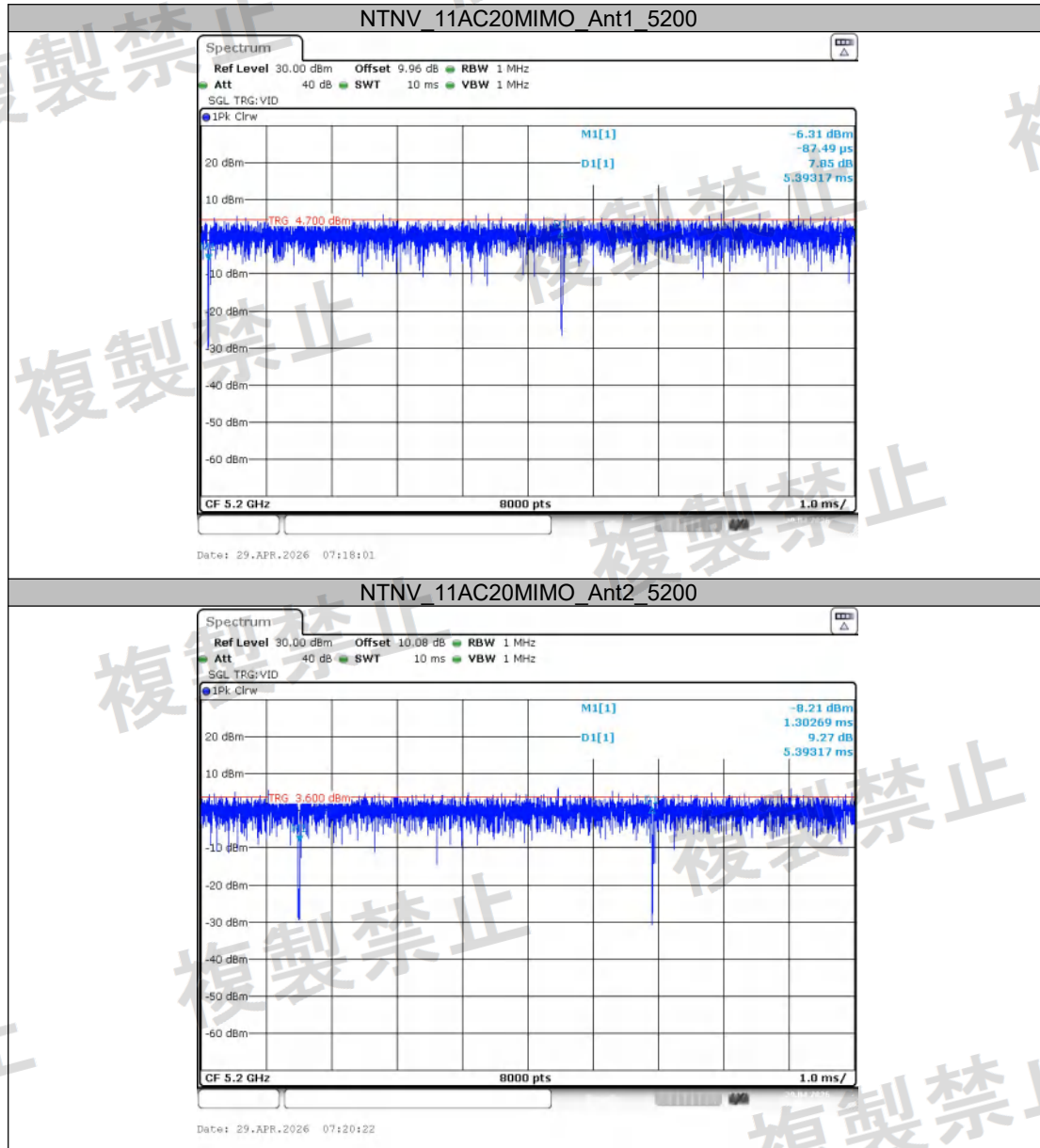


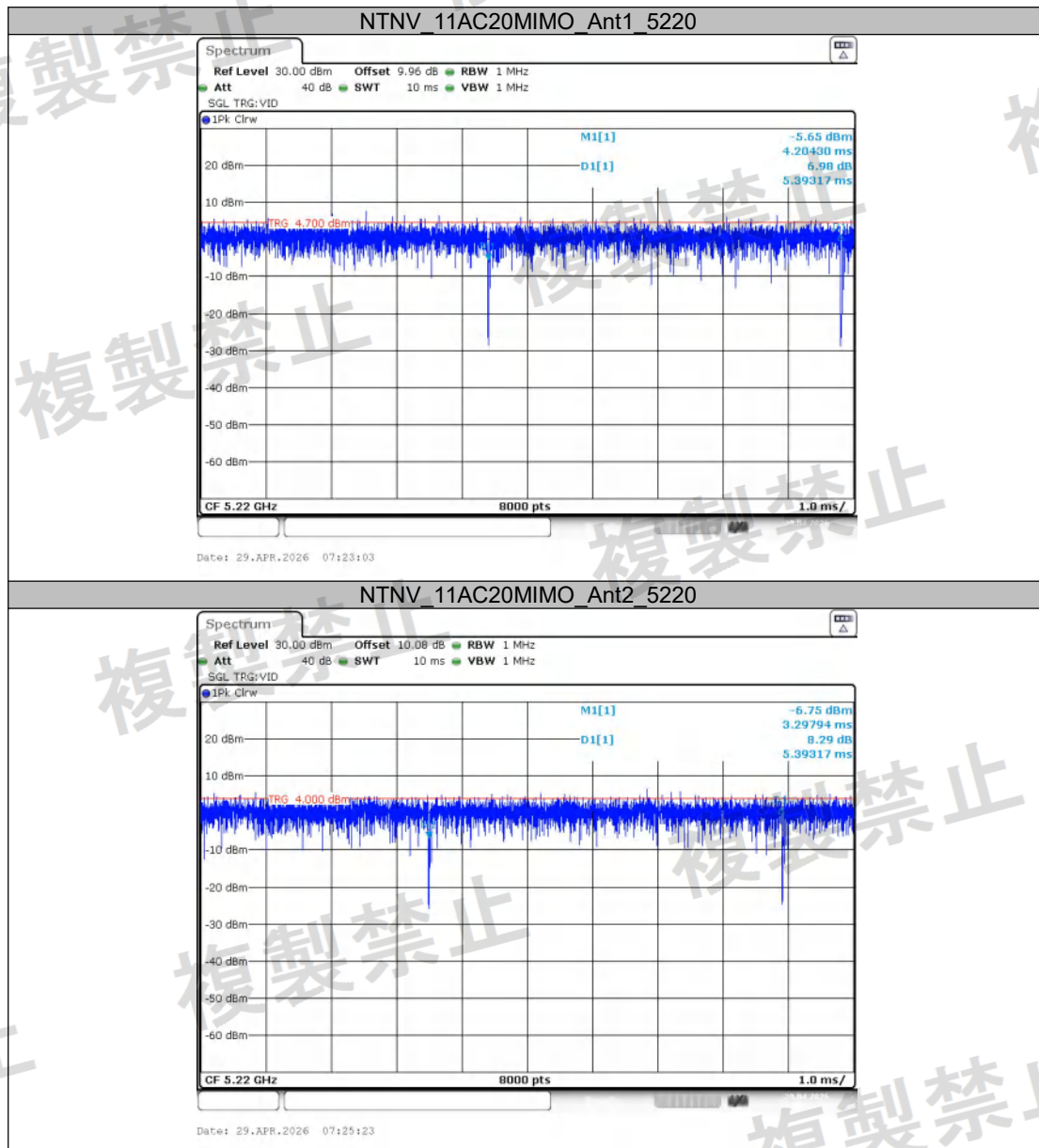


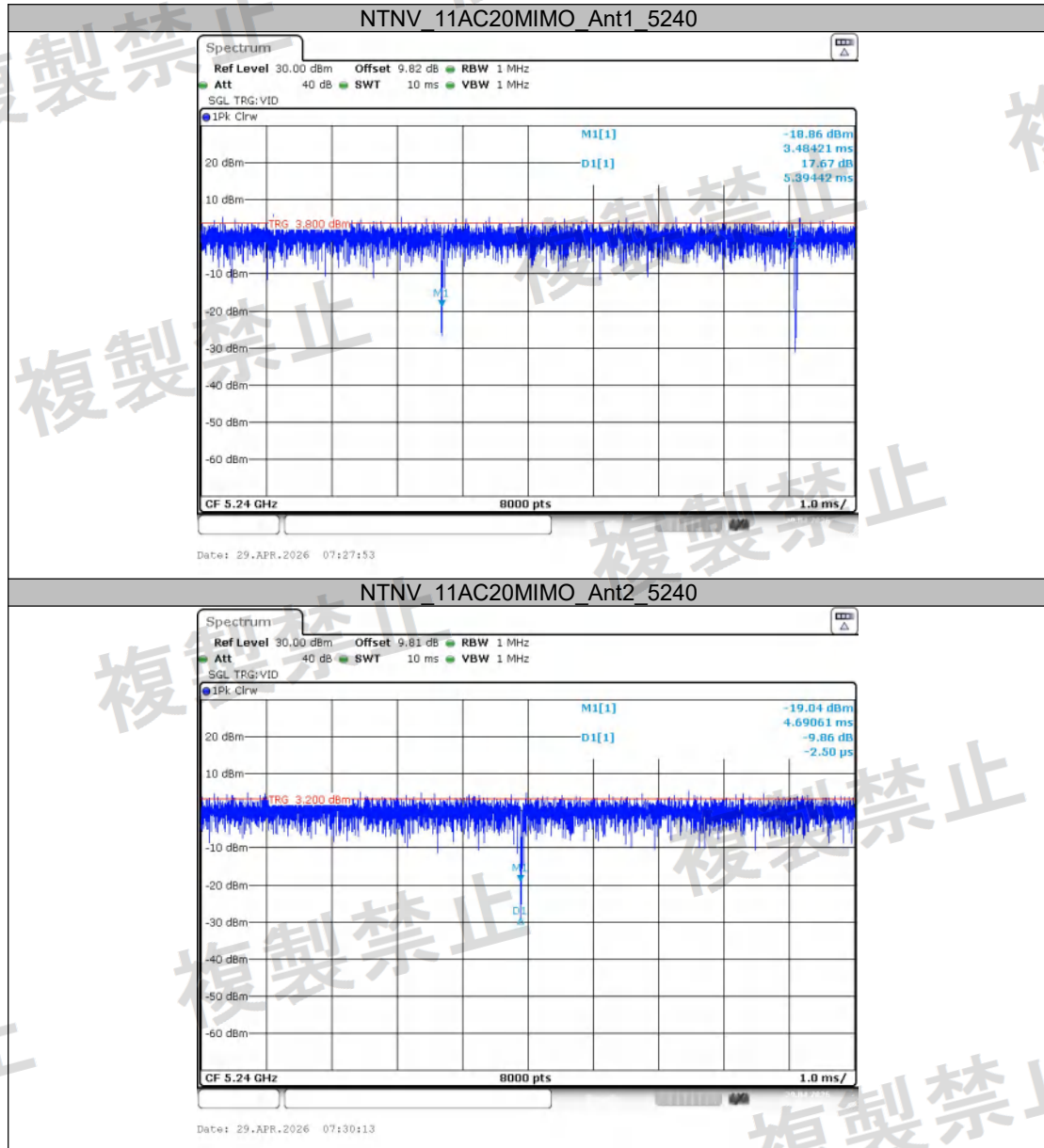


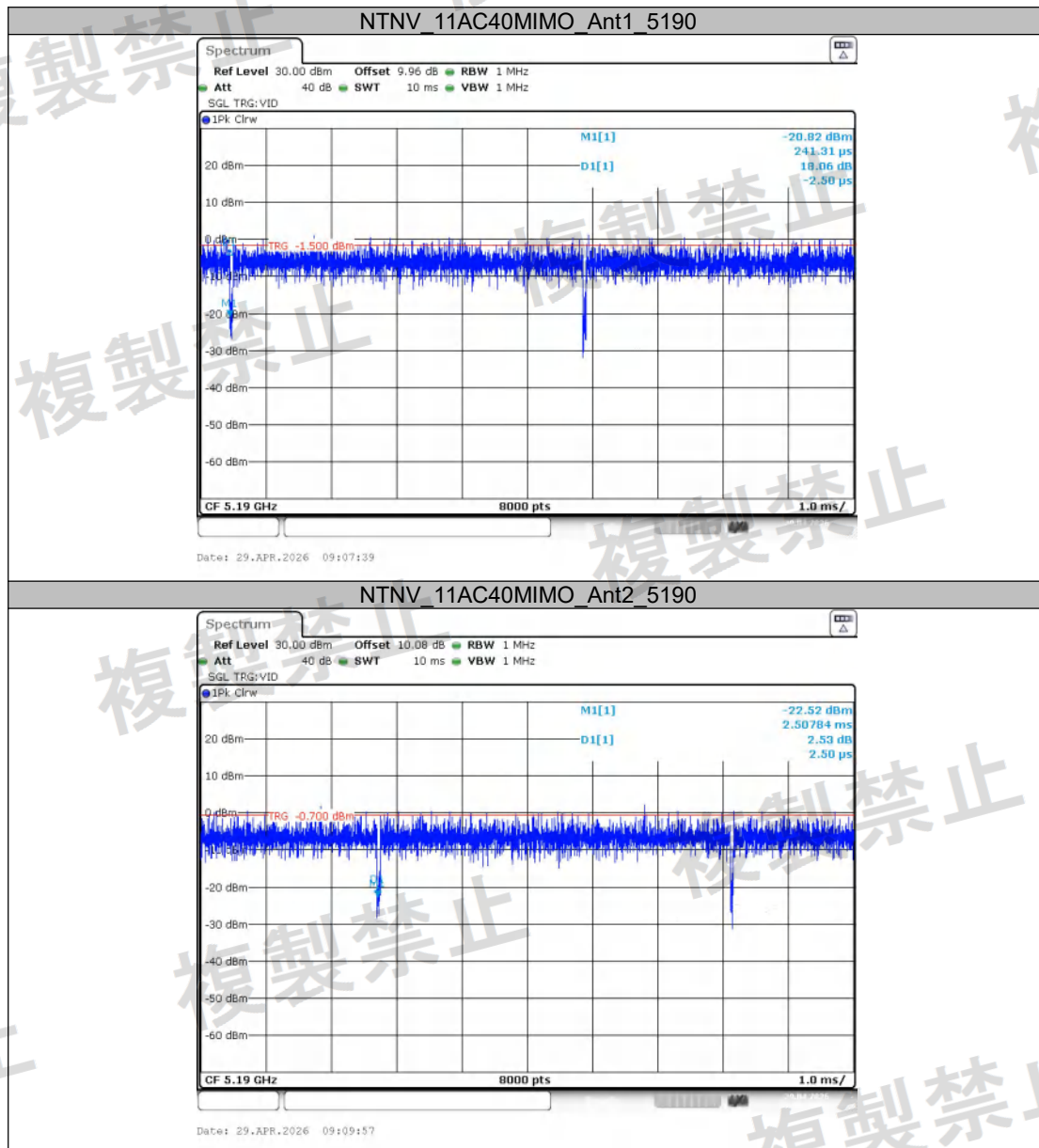


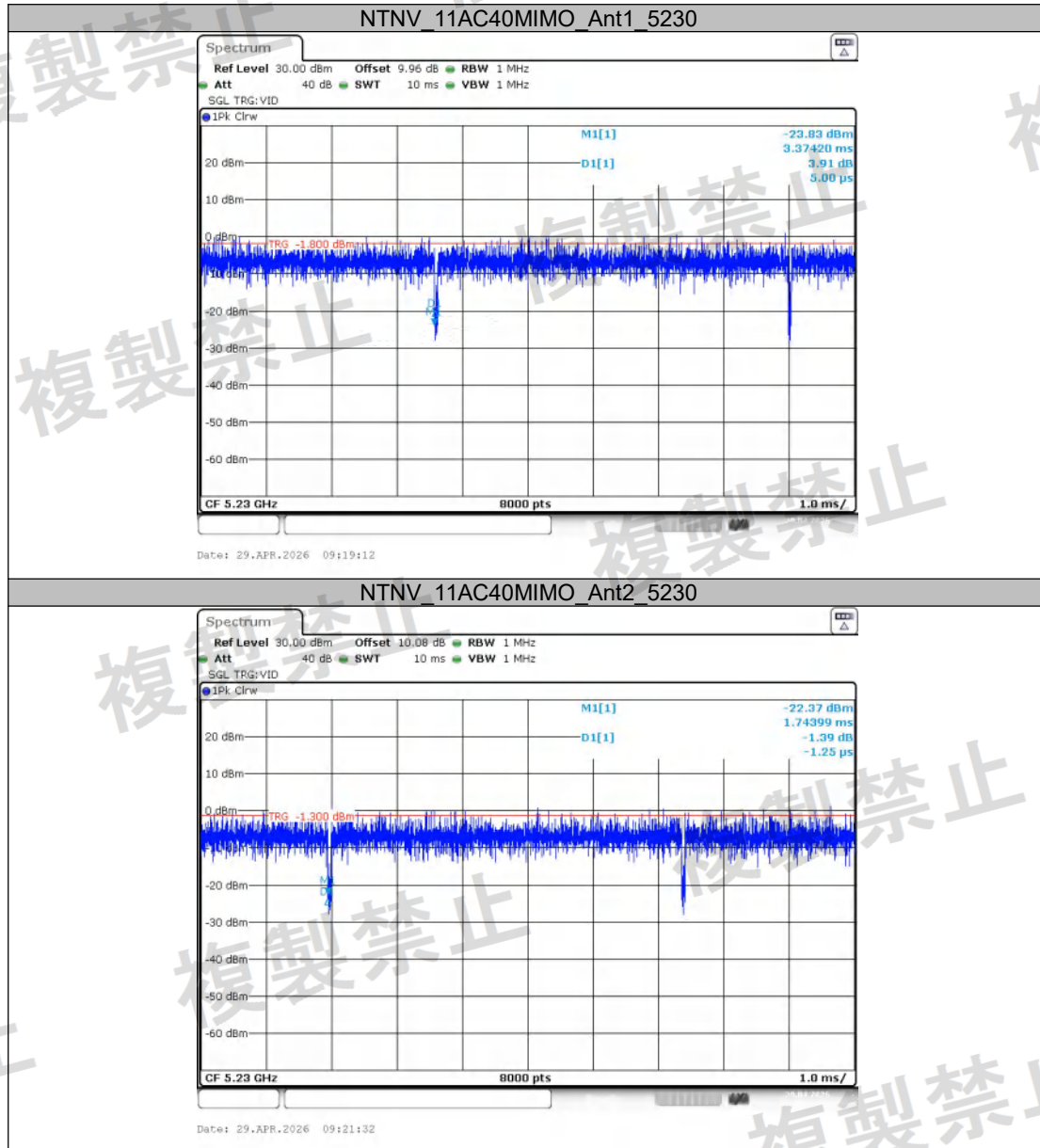


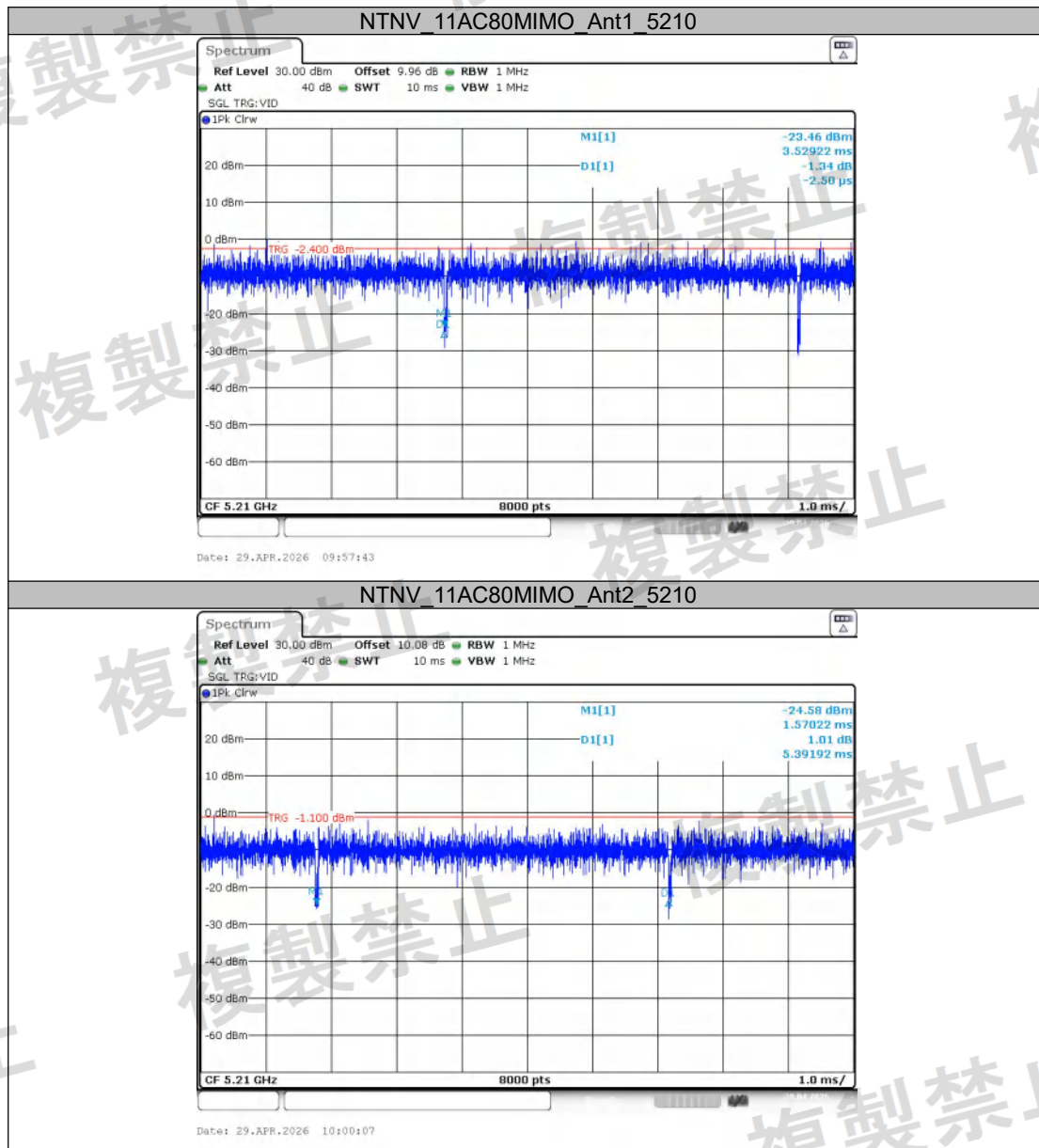


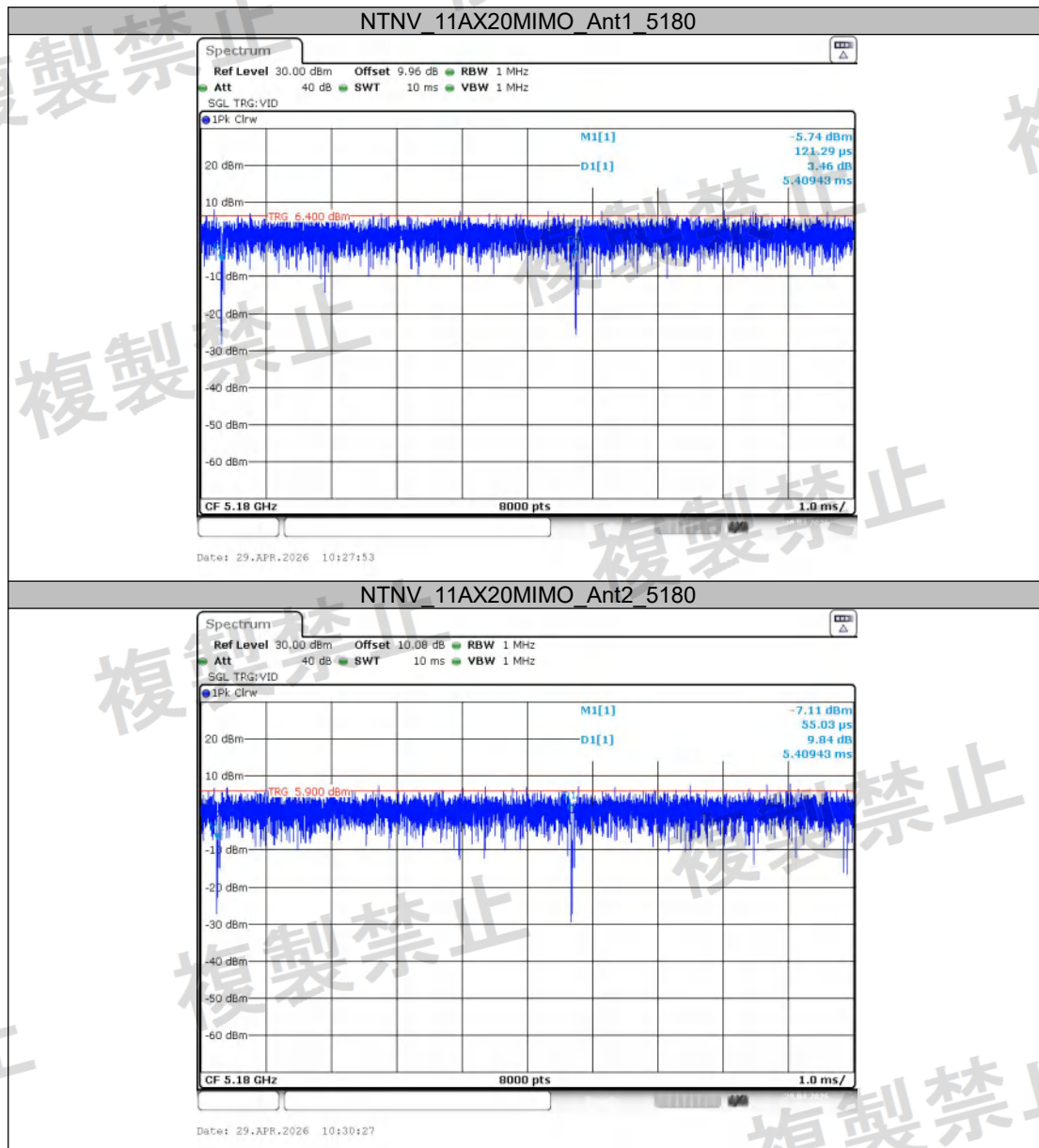


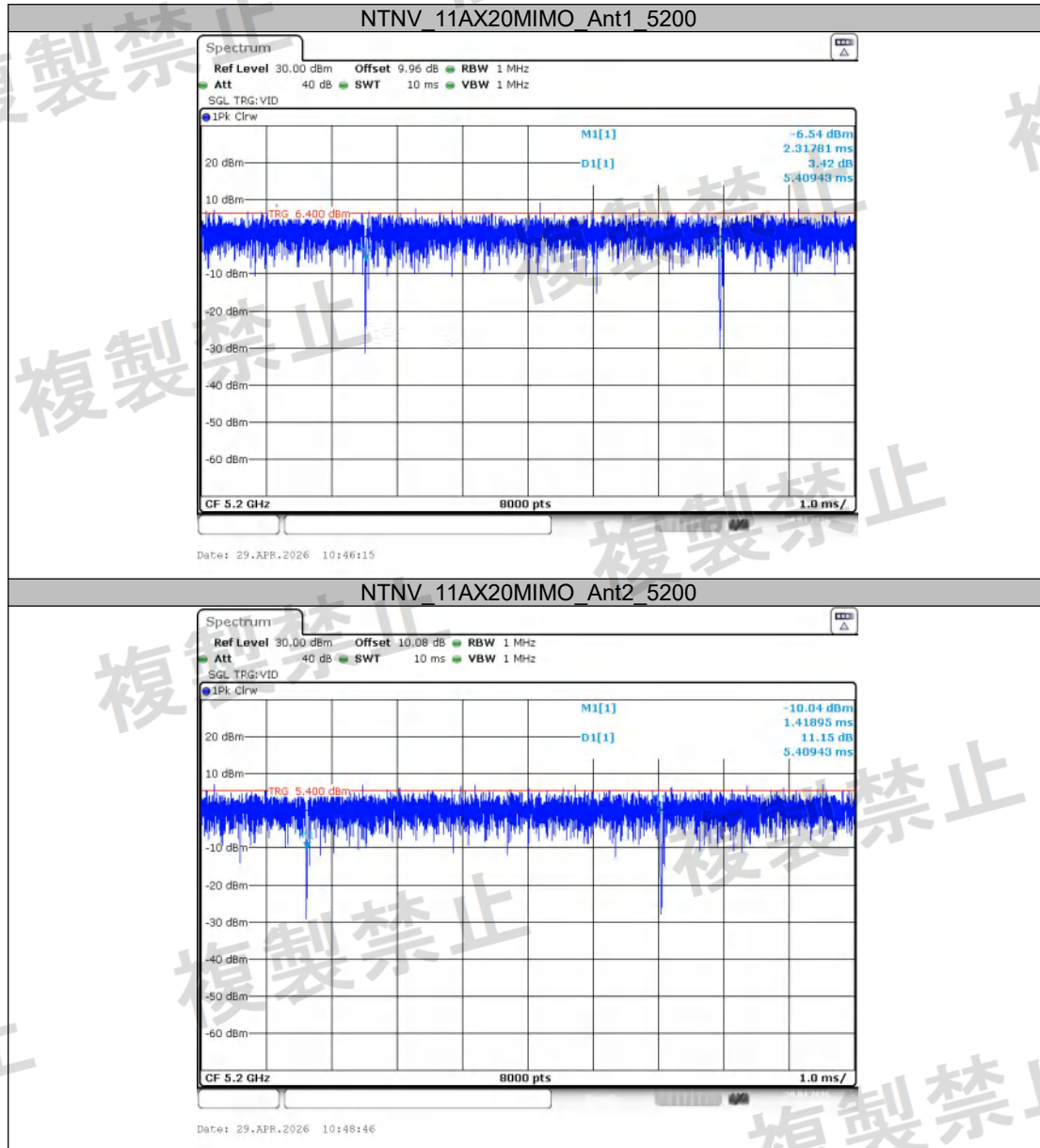


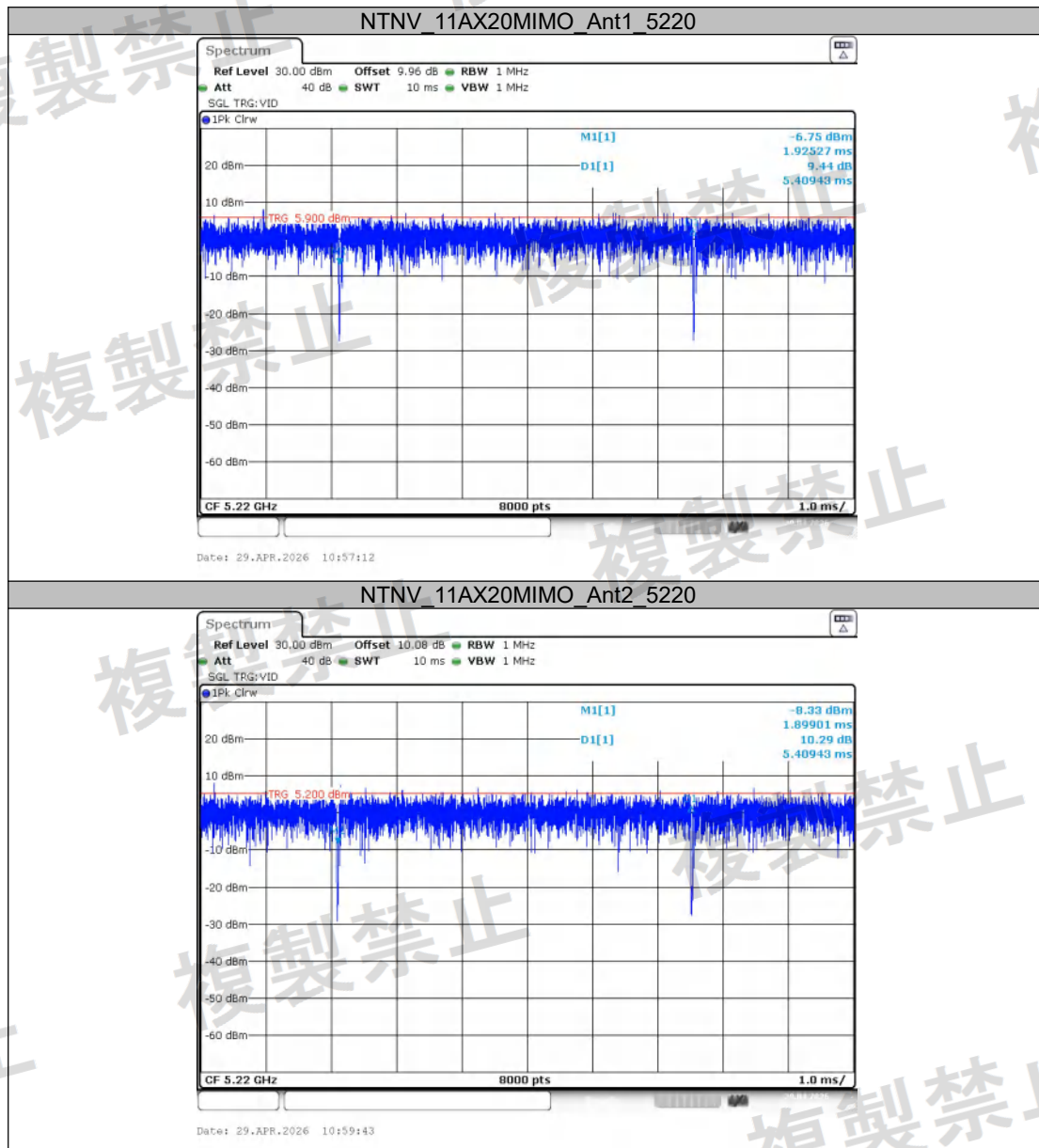


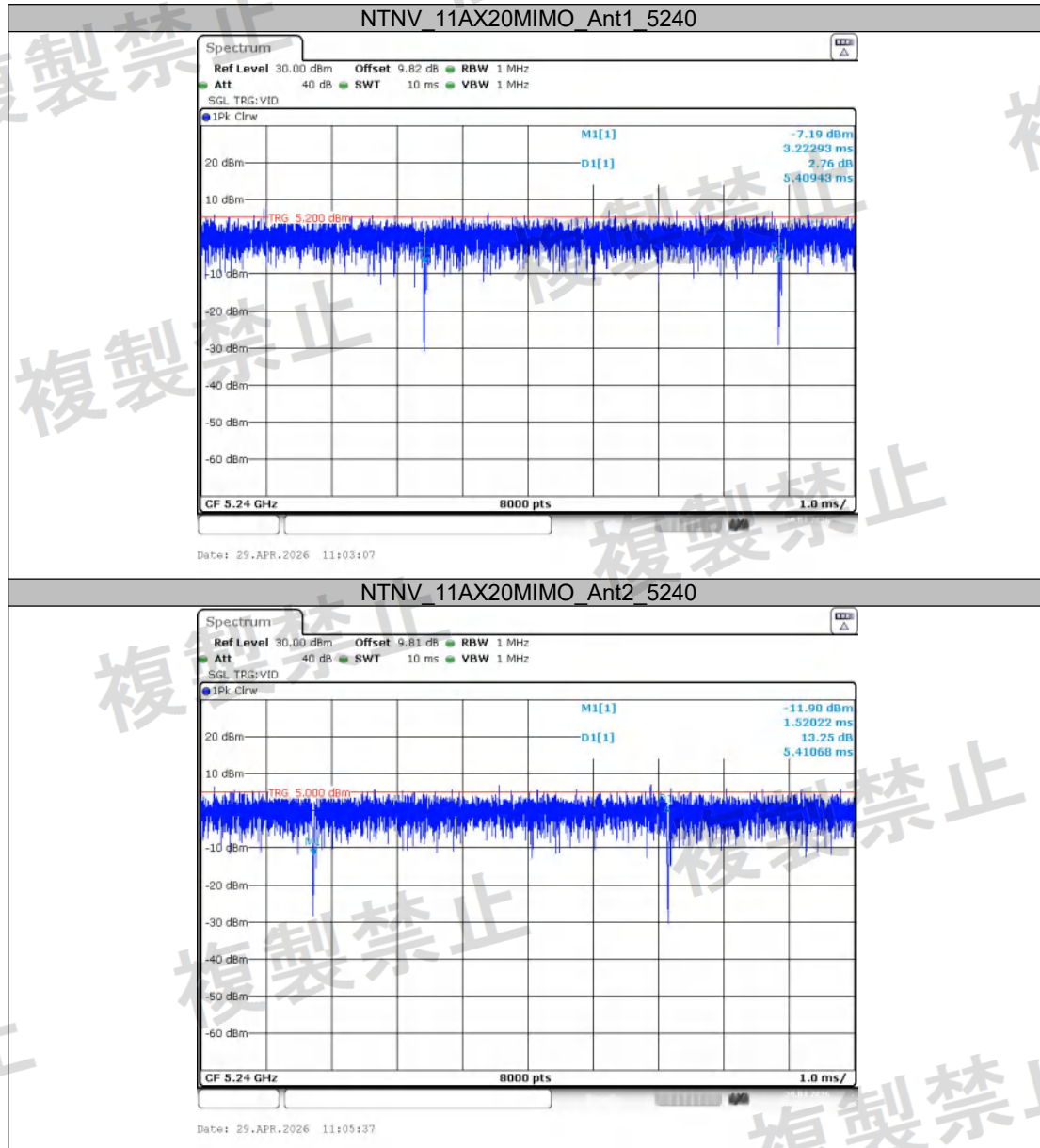


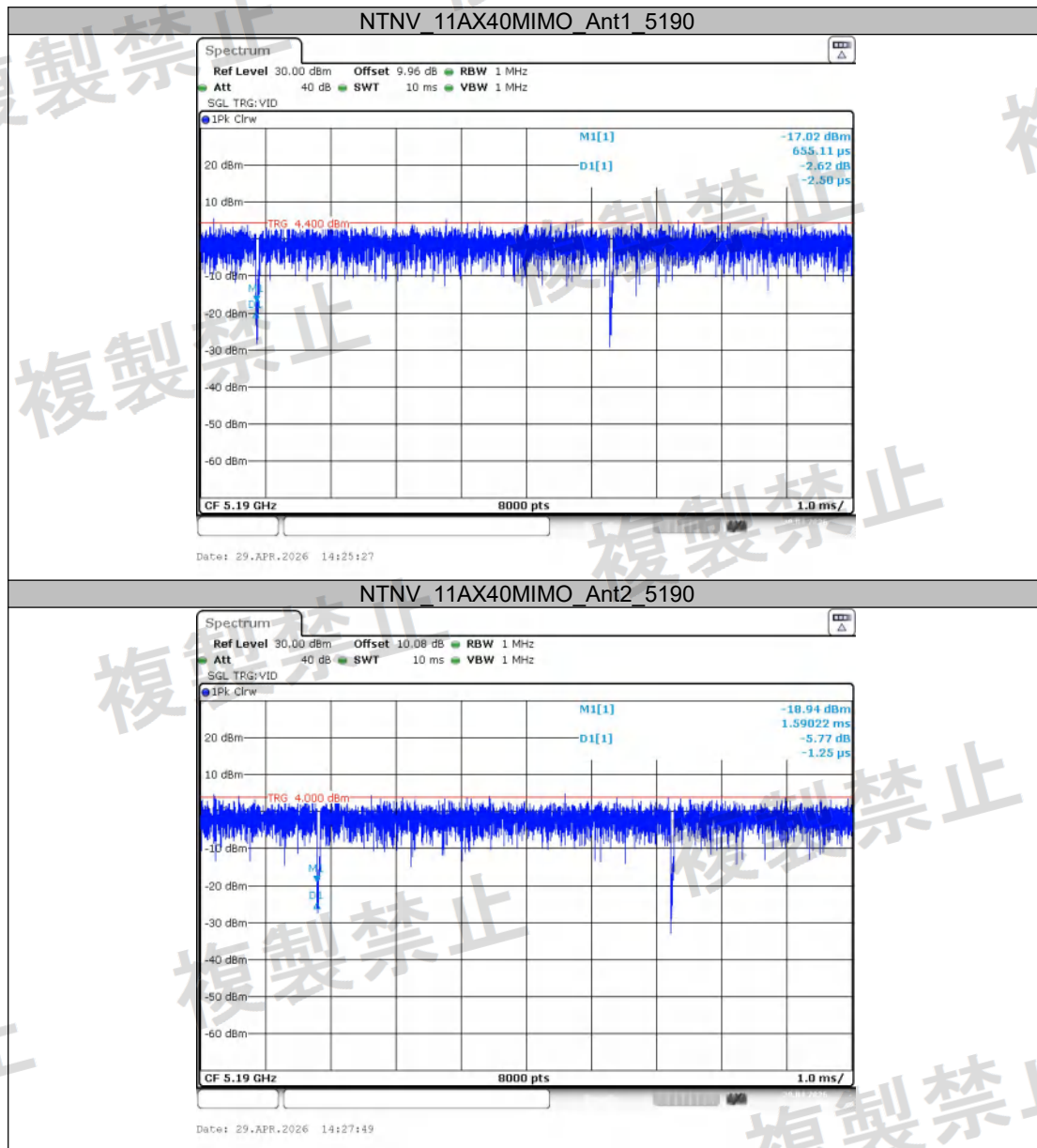


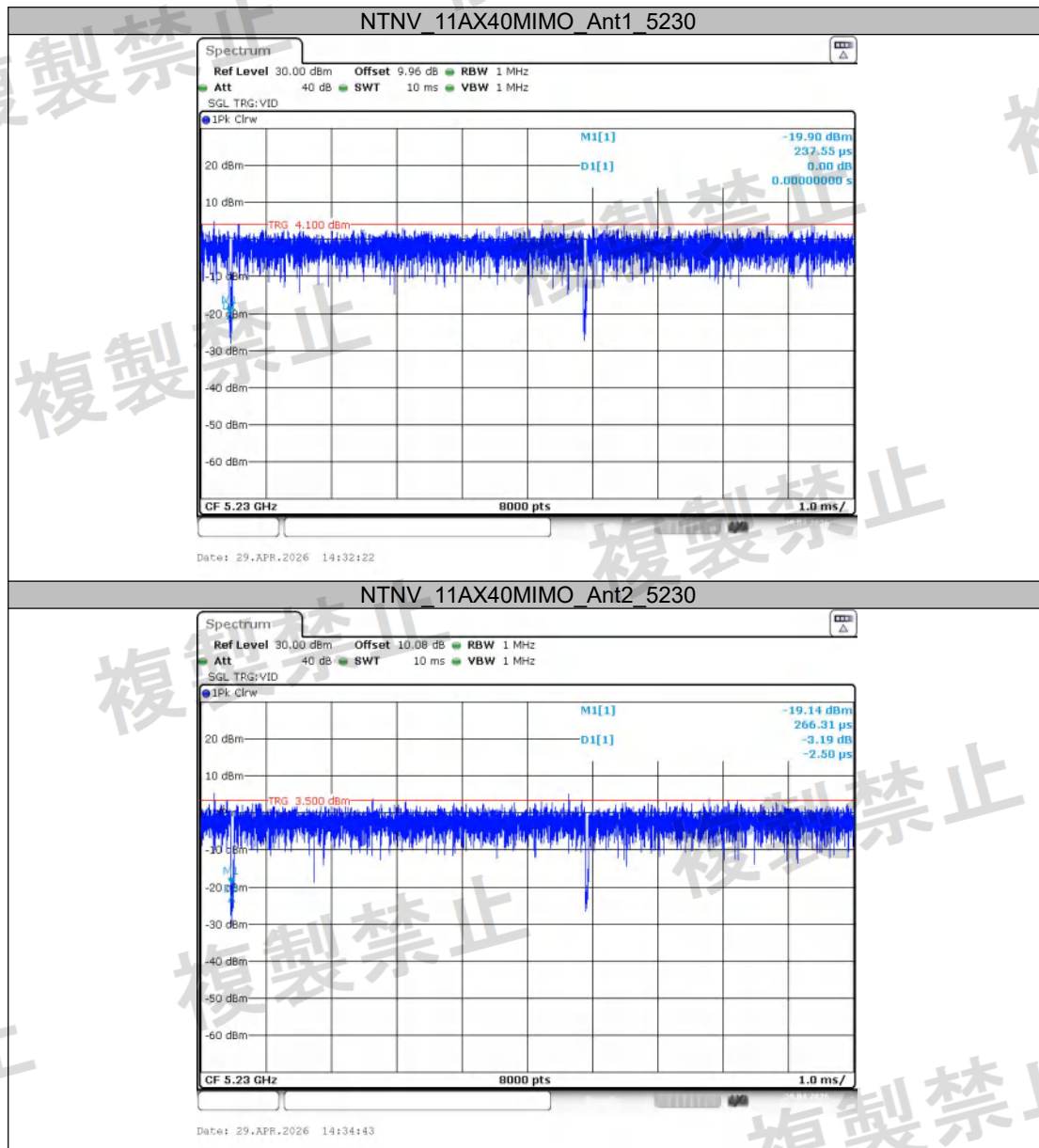


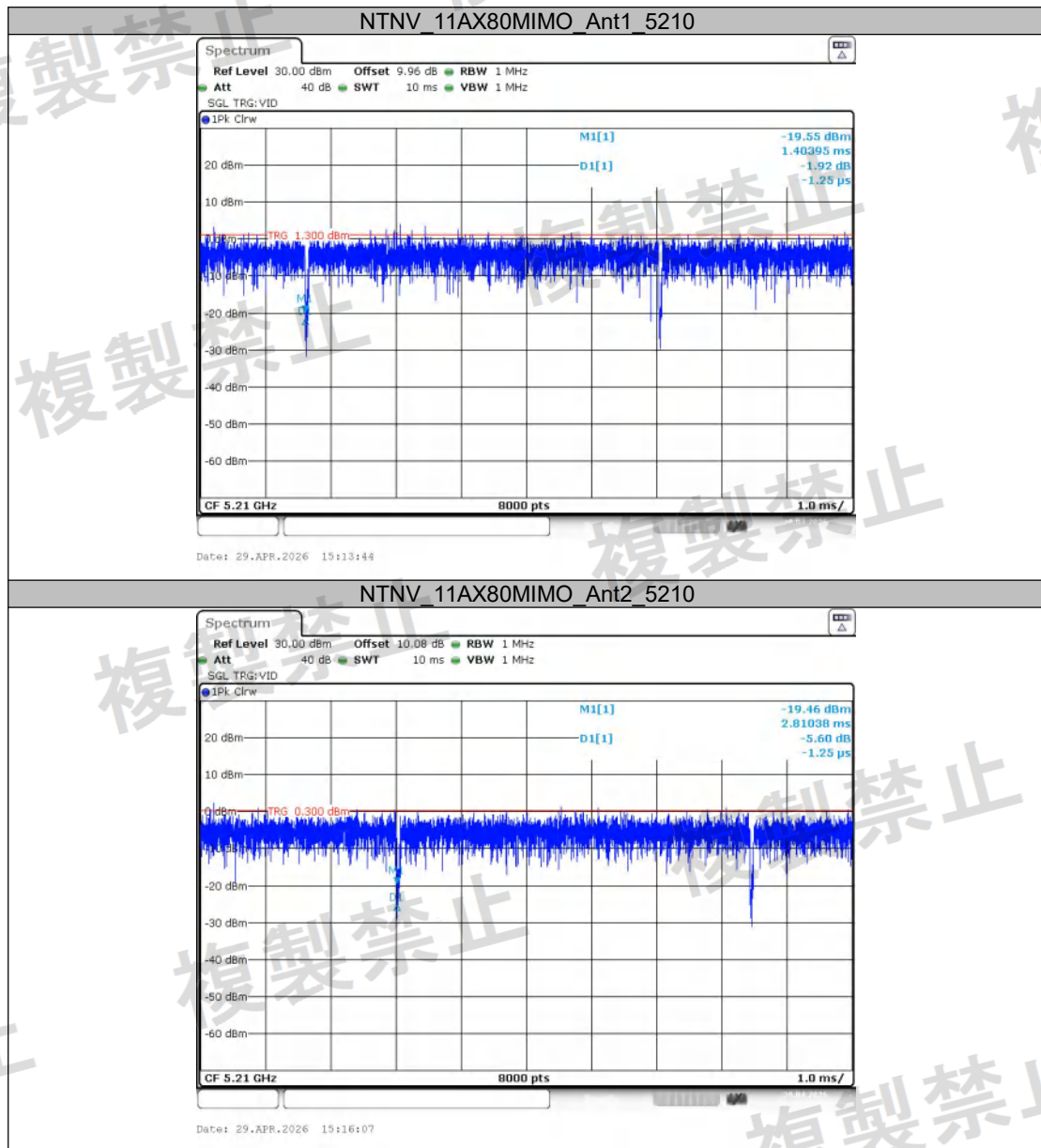












10. Construction Protection

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.

10.2. Confirmation Method

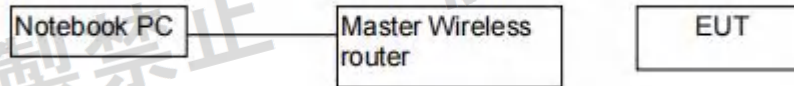
- Sealed with special screws.
- Plastic chassis is being welded using ultrasonic waves
- Chassis is glued using a special adhesive
- Metal covers are spot-fused.
- Cover is specially interlocked.
- RF and Modulation components are covered with shielding case and this shielding case is soldered.
- RF modulation parts and ID-ROM be 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:

11. Slave station function measurement

11.1. Limit

The slave station shall have the function to select and transmit a frequency and stop transmission automatically controlled by a master station.

11.2. Block diagram of test setup



11.3. Test Procedure

Follow MIC Notice No.88 Appendix No.45

11.4. Test result

EUT:	Screen Mirror Device	Tested by:	Aaron Long
Temperature:	24℃	Humidity:	56%RH
Test result:	Conform		

12. Interference prevention function

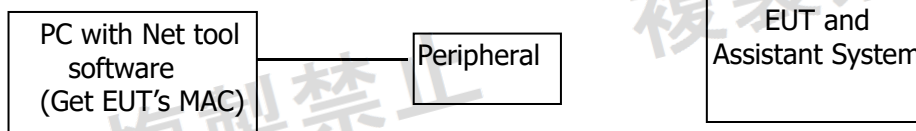
12.1. Limit

Item	Limits
Identification	≥48 bits

12.2. Measuring ID Code Software

Item	Limits
MAC IP List	MAC Scan

12.3. Block diagram of test setup



12.4. Test Procedure

- 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.
- 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.

12.5. Test result

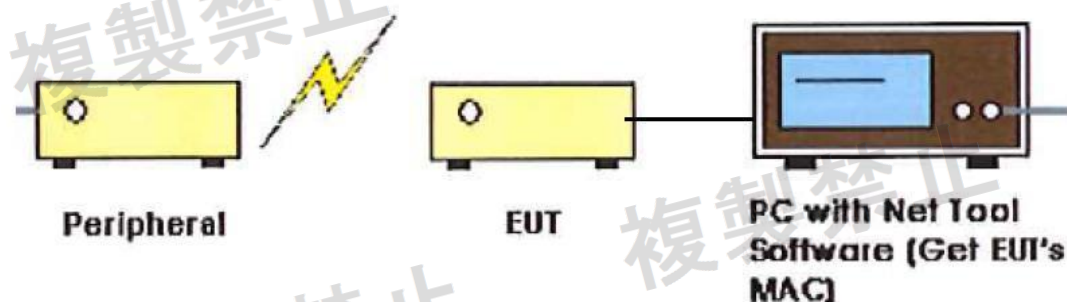
EUT:	Screen Mirror Device	Tested by:	Aaron Long
Temperature:	24℃	MAC address:	58:01:83:EF:5D:03
Humidity:	56%RH		
Test result:	Conform		

13. Carrier sensing function

13.1. 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.

13.2. Block diagram of test setup



Peripheral: Wireless USB adapter

13.3. Test Procedure

1. Control the EUT work at 40MHz and 80MHz mode by software.
2. Link the USB adapter with EUT Via Wireless, Let EUT work in normal transmitting Mode.
3. Set the signal generator at same frequency channel with a proper signal level output to act as interference signal.
4. Monitor the signal transmission between EUT and wireless Router, when interference signal presents, the EUT would stop transmitting once it detects interference signal over their, then it pass. Otherwise the Result is fail.

13.4. Test result

Note: Radio interference prevention capability was conformed.

EUT:	Screen Mirror Device	Tested by:	Aaron Long
Temperature:	24℃		
Test result:	Pass		
Mode	Test channel	Result	
802.11n(HT40)	CH _{L40}	Acceptance	
	CH _{M40}	Acceptance	
	CH _{H40}	Acceptance	
802.11ac40	CH _{L40}	Acceptance	
	CH _{M40}	Acceptance	
	CH _{H40}	Acceptance	
802.11ax40	CH ₈₀	Acceptance	

14. Secondary Radiated Emissions

14.1. Test Equipment

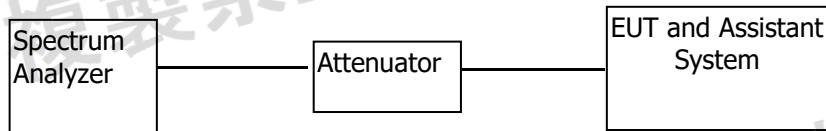
Item	Type	Manufacturer	Model No.	Serial No.	Last Calibration	Due Calibration
1	Spectrum analyzer	Agilent	N9020A	MY54488989	2026/01/04	2026/01/04
2	Attenuator	Mini-Circuits	DC-6G	N/A	2025/01/05	2026/01/04

Note: The test equipment is calibrated by SINA E METROLOGY & INSPECTION (SHENZHEN) CO., LTD
Calibration standard: Article 24-2, Paragraph 4 of the Radio Act, method c

14.2. Limit

The limit on secondary emissions radiated from the receiving equipment within which the function of other radio equipment will not be impaired shall be, in terms of the power of a dummy antenna circuit that has the same electrical constant as the receiving antenna, 4 nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit.

14.3. Block diagram of test setup



14.4. Test Procedure

- (1) Configure EUT and assistant system according clause 2.3 and 13.3
- (2) Set EUT work in test mode as described in clause 2.4
- (3) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:
Resolution BW: 100 KHz for frequency below 1GHz and 1MHz for frequency above 1GHz
Video BW: 100 KHz for frequency below 1GHz and 1MHz for frequency above 1GHz
Detector: Peak.
Trace Mode: Max Hold.
- (4) All the emissions from 30MHz to 13GHz were measured and record.

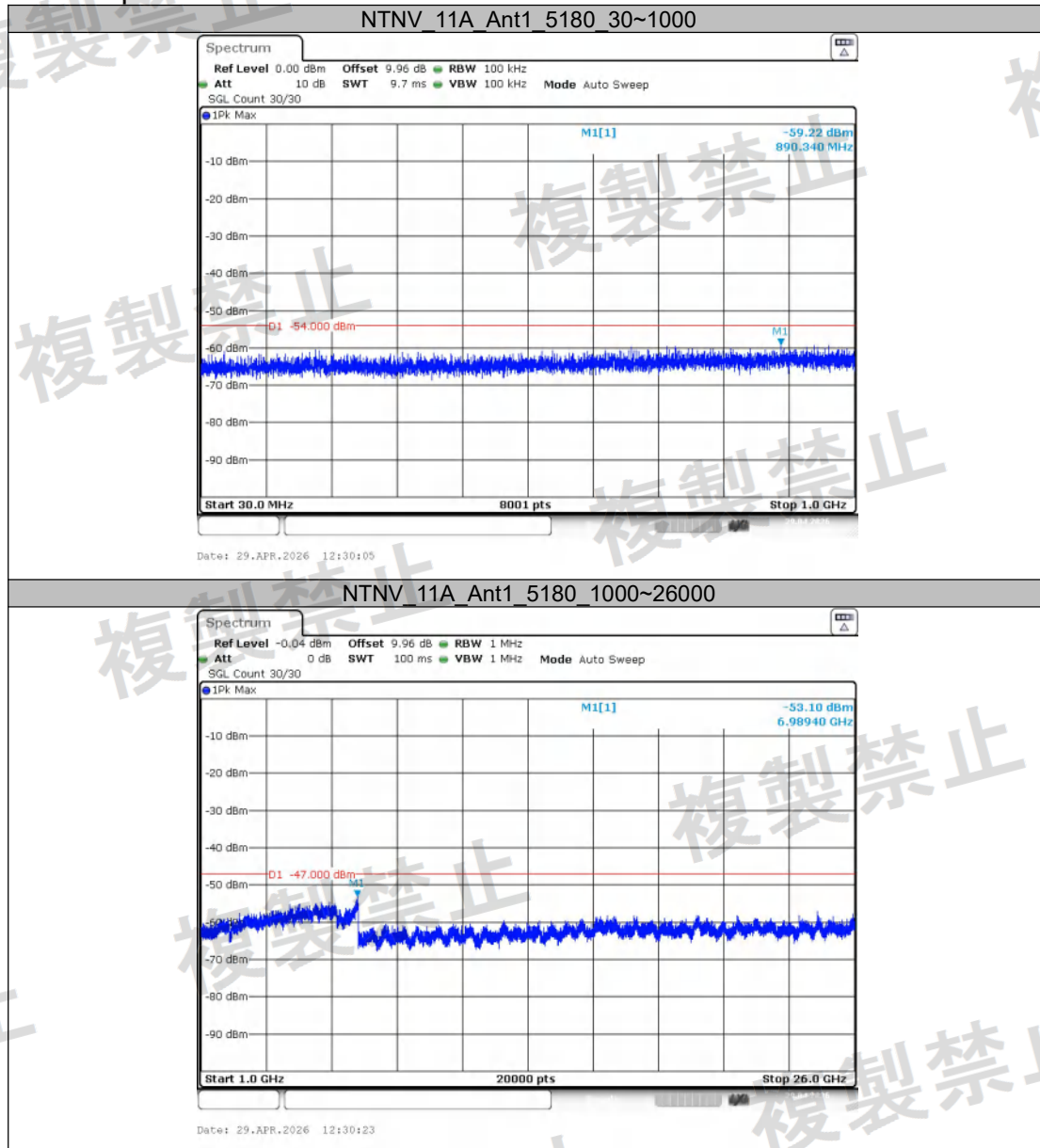
14.5. Test result

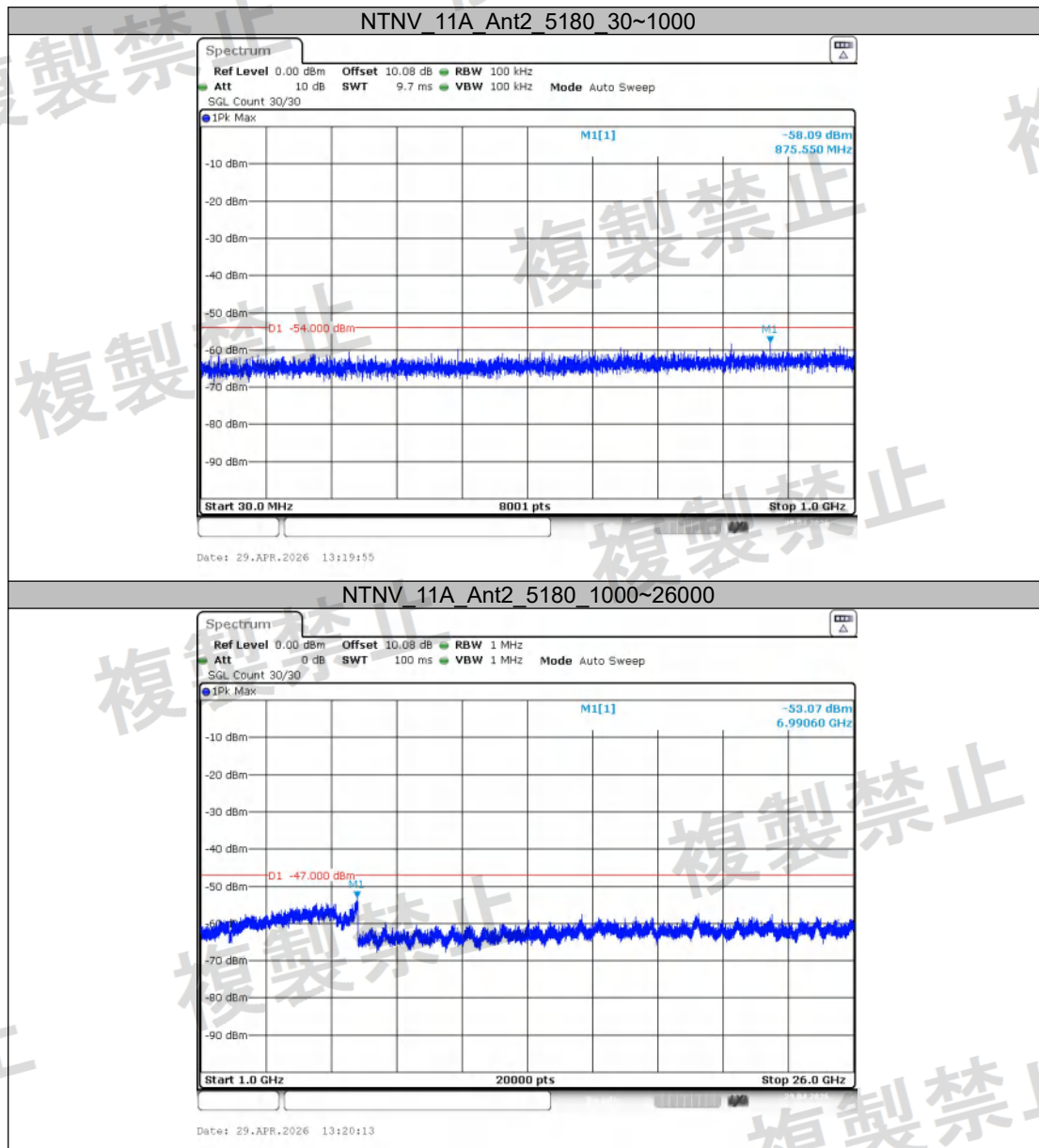
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5180	30~1000	-59.22	≤-54	1.19674	≤4	PASS
				1000~26000	-53.10	≤-47	4.89779	≤20	PASS
		Ant2	5180	30~1000	-58.09	≤-54	1.55239	≤4	PASS
				1000~26000	-53.07	≤-47	4.93174	≤20	PASS
		Ant1	5200	30~1000	-59.06	≤-54	1.24165	≤4	PASS
				1000~26000	-52.83	≤-47	5.21195	≤20	PASS
		Ant2	5200	30~1000	-59.04	≤-54	1.24738	≤4	PASS
				1000~26000	-53.23	≤-47	4.75335	≤20	PASS
		Ant1	5220	30~1000	-58.98	≤-54	1.26474	≤4	PASS
				1000~26000	-52.47	≤-47	5.66239	≤20	PASS
		Ant2	5220	30~1000	-59.56	≤-54	1.10662	≤4	PASS
				1000~26000	-53.07	≤-47	4.93174	≤20	PASS
		Ant1	5240	30~1000	-58.57	≤-54	1.38995	≤4	PASS
				1000~26000	-53.66	≤-47	4.30527	≤20	PASS
		Ant2	5240	30~1000	-59.37	≤-54	1.15611	≤4	PASS
				1000~26000	-52.76	≤-47	5.29663	≤20	PASS
				1000~26000	-52.90	≤-47	5.12861	≤20	PASS
		11N20SI SO	Ant1	5180	30~1000	-59.39	≤-54	1.15080	≤4
	1000~26000				-52.44	≤-47	5.70164	≤20	PASS
	Ant2		5180	30~1000	-59.70	≤-54	1.07152	≤4	PASS
				1000~26000	-53.18	≤-47	4.80839	≤20	PASS
	Ant1		5200	30~1000	-59.27	≤-54	1.18304	≤4	PASS
				1000~26000	-53.51	≤-47	4.45656	≤20	PASS
	Ant2		5200	30~1000	-58.73	≤-54	1.33968	≤4	PASS
				1000~26000	-53.48	≤-47	4.48745	≤20	PASS
	Ant1		5220	30~1000	-59.16	≤-54	1.21339	≤4	PASS
				1000~26000	-53.44	≤-47	4.52898	≤20	PASS
	Ant2		5220	30~1000	-58.18	≤-54	1.52055	≤4	PASS
				1000~26000	-53.26	≤-47	4.72063	≤20	PASS
	Ant1		5240	30~1000	-59.67	≤-54	1.07895	≤4	PASS
				1000~26000	-53.57	≤-47	4.39542	≤20	PASS
	Ant2		5240	30~1000	-59.45	≤-54	1.13501	≤4	PASS
				1000~26000	-52.39	≤-47	5.76766	≤20	PASS
				1000~26000	-52.55	≤-47	5.55904	≤20	PASS
	11N40SI SO		Ant1	5190	30~1000	-59.22	≤-54	1.19674	≤4
		1000~26000			-53.26	≤-47	4.72063	≤20	PASS
		Ant2	5190	30~1000	-58.18	≤-54	1.52055	≤4	PASS
				1000~26000	-53.13	≤-47	4.86407	≤20	PASS
		Ant1	5230	30~1000	-59.12	≤-54	1.22462	≤4	PASS
				1000~26000	-52.48	≤-47	5.64937	≤20	PASS
		Ant2	5230	30~1000	-58.85	≤-54	1.30317	≤4	PASS
				1000~26000	-52.81	≤-47	5.23600	≤20	PASS
	11AC20S ISO	Ant1	5180	30~1000	-58.60	≤-54	1.38038	≤4	PASS
				1000~26000	-52.61	≤-47	5.48277	≤20	PASS
		Ant2	5180	30~1000	-57.85	≤-54	1.64059	≤4	PASS
				1000~26000	-53.43	≤-47	4.53942	≤20	PASS
		Ant1	5200	30~1000	-59.04	≤-54	1.24738	≤4	PASS
				1000~26000	-52.01	≤-47	6.29506	≤20	PASS
		Ant2	5200	30~1000	-59.30	≤-54	1.17490	≤4	PASS
				1000~26000	-53.41	≤-47	4.56037	≤20	PASS
		Ant1	5220	30~1000	-58.92	≤-54	1.28233	≤4	PASS
				1000~26000	-53.36	≤-47	4.61318	≤20	PASS
		Ant2	5220	30~1000	-58.58	≤-54	1.38676	≤4	PASS
				1000~26000	-51.84	≤-47	6.54636	≤20	PASS
		Ant1	5240	30~1000	-59.51	≤-54	1.11944	≤4	PASS
				1000~26000	-52.81	≤-47	5.23600	≤20	PASS
		Ant2	5240	30~1000	-58.99	≤-54	1.26183	≤4	PASS
				1000~26000	-53.64	≤-47	4.32514	≤20	PASS
				1000~26000	-52.08	≤-47	6.19441	≤20	PASS
		11AC40S ISO	Ant1	5190	30~1000	-59.00	≤-54	1.25893	≤4
	1000~26000				-53.62	≤-47	4.34510	≤20	PASS
	Ant2		5190	30~1000	-59.23	≤-54	1.19399	≤4	PASS

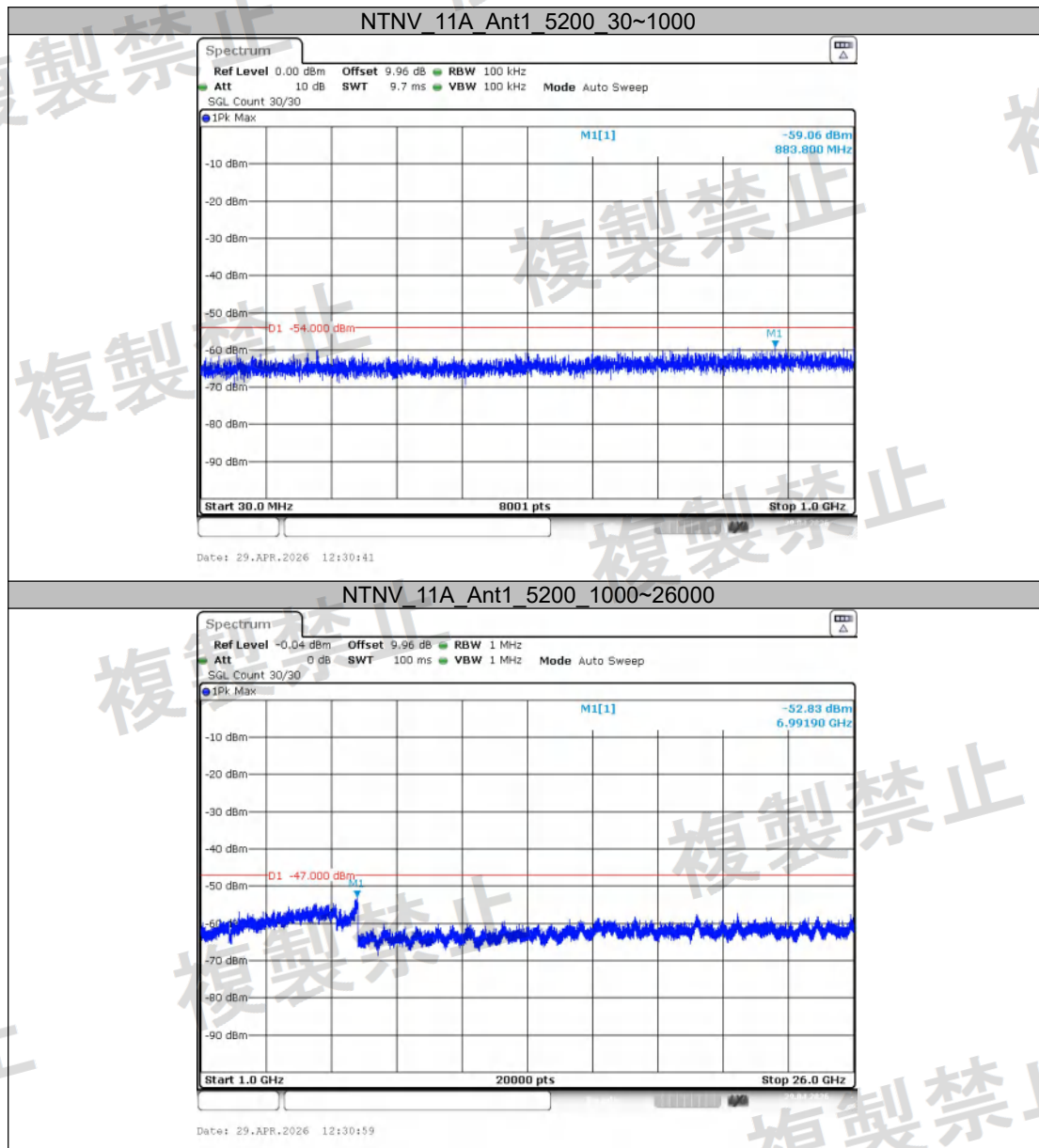
	11AC80S ISO	Ant1	5230	1000~26000	-52.84	≤-47	5.19996	≤20	PASS
				30~1000	-59.17	≤-54	1.21060	≤4	PASS
				1000~26000	-52.77	≤-47	5.28445	≤20	PASS
		Ant2	5230	30~1000	-58.63	≤-54	1.37088	≤4	PASS
				1000~26000	-52.71	≤-47	5.35797	≤20	PASS
				1000~26000	-53.39	≤-47	4.58142	≤20	PASS
	11AX20S ISO	Ant1	5210	30~1000	-58.44	≤-54	1.43219	≤4	PASS
				1000~26000	-53.37	≤-47	4.60257	≤20	PASS
				30~1000	-59.36	≤-54	1.15878	≤4	PASS
		Ant2	5210	1000~26000	-52.70	≤-47	5.37032	≤20	PASS
				1000~26000	-51.80	≤-47	6.60693	≤20	PASS
				30~1000	-58.11	≤-54	1.54525	≤4	PASS
	11AX40S ISO	Ant1	5180	1000~26000	-52.57	≤-47	5.53350	≤20	PASS
				30~1000	-59.45	≤-54	1.13501	≤4	PASS
				1000~26000	-53.28	≤-47	4.69894	≤20	PASS
		Ant2	5180	30~1000	-58.62	≤-54	1.37404	≤4	PASS
				1000~26000	-53.55	≤-47	4.41570	≤20	PASS
				30~1000	-59.22	≤-54	1.19674	≤4	PASS
		Ant1	5200	1000~26000	-53.26	≤-47	4.72063	≤20	PASS
				30~1000	-58.63	≤-54	1.37088	≤4	PASS
				1000~26000	-53.39	≤-47	4.58142	≤20	PASS
		Ant2	5220	30~1000	-59.12	≤-54	1.22462	≤4	PASS
				1000~26000	-53.45	≤-47	4.51856	≤20	PASS
				30~1000	-59.44	≤-54	1.13763	≤4	PASS
	11AX80S ISO	Ant1	5240	1000~26000	-53.19	≤-47	4.79733	≤20	PASS
				30~1000	-59.47	≤-54	1.12980	≤4	PASS
				1000~26000	-53.78	≤-47	4.18794	≤20	PASS
		Ant2	5240	1000~26000	-53.49	≤-47	4.47713	≤20	PASS
				30~1000	-59.44	≤-54	1.13763	≤4	PASS
				1000~26000	-52.49	≤-47	5.63638	≤20	PASS
		Ant2	5190	30~1000	-59.36	≤-54	1.15878	≤4	PASS
				1000~26000	-51.28	≤-47	7.44732	≤20	PASS
				30~1000	-58.77	≤-54	1.32739	≤4	PASS
		Ant1	5230	1000~26000	-53.72	≤-47	4.24620	≤20	PASS
				30~1000	-59.11	≤-54	1.22744	≤4	PASS
				1000~26000	-52.74	≤-47	5.32108	≤20	PASS
	11N20MI MO	Ant2	5230	1000~26000	-53.16	≤-47	4.83059	≤20	PASS
				30~1000	-58.90	≤-54	1.28825	≤4	PASS
				1000~26000	-52.63	≤-47	5.45758	≤20	PASS
		Ant1	5210	30~1000	-59.05	≤-54	1.24451	≤4	PASS
				1000~26000	-52.20	≤-47	6.02560	≤20	PASS
				1000~26000	-53.51	≤-47	4.45656	≤20	PASS
	11N40MI MO	Ant2	5210	30~1000	-58.83	≤-54	1.30918	≤4	PASS
				1000~26000	-53.19	≤-47	4.79733	≤20	PASS
				30~1000	-59.27	≤-54	1.18304	≤4	PASS
		Ant1	5180	1000~26000	-52.73	≤-47	5.33335	≤20	PASS
				30~1000	-59.12	≤-54	1.22462	≤4	PASS
				1000~26000	-53.26	≤-47	4.72063	≤20	PASS
		Ant2	5200	30~1000	-59.43	≤-54	1.14025	≤4	PASS
				1000~26000	-52.78	≤-47	5.27230	≤20	PASS
				30~1000	-59.23	≤-54	1.19399	≤4	PASS
		Ant1	5220	1000~26000	-53.55	≤-47	4.41570	≤20	PASS
				30~1000	-58.72	≤-54	1.34276	≤4	PASS
				1000~26000	-53.27	≤-47	4.70977	≤20	PASS
	11N40MI MO	Ant2	5220	30~1000	-59.12	≤-54	1.22462	≤4	PASS
				1000~26000	-53.14	≤-47	4.85289	≤20	PASS
				30~1000	-59.18	≤-54	1.20781	≤4	PASS
		Ant1	5240	1000~26000	-52.84	≤-47	5.19996	≤20	PASS
				1000~26000	-51.99	≤-47	6.32412	≤20	PASS
				30~1000	-59.02	≤-54	1.25314	≤4	PASS
	11N40MI MO	Ant2	5190	1000~26000	-53.68	≤-47	4.28549	≤20	PASS
				30~1000	-59.07	≤-54	1.23880	≤4	PASS
				1000~26000	-53.37	≤-47	4.60257	≤20	PASS
		Ant1	5230	30~1000	-58.80	≤-54	1.31826	≤4	PASS

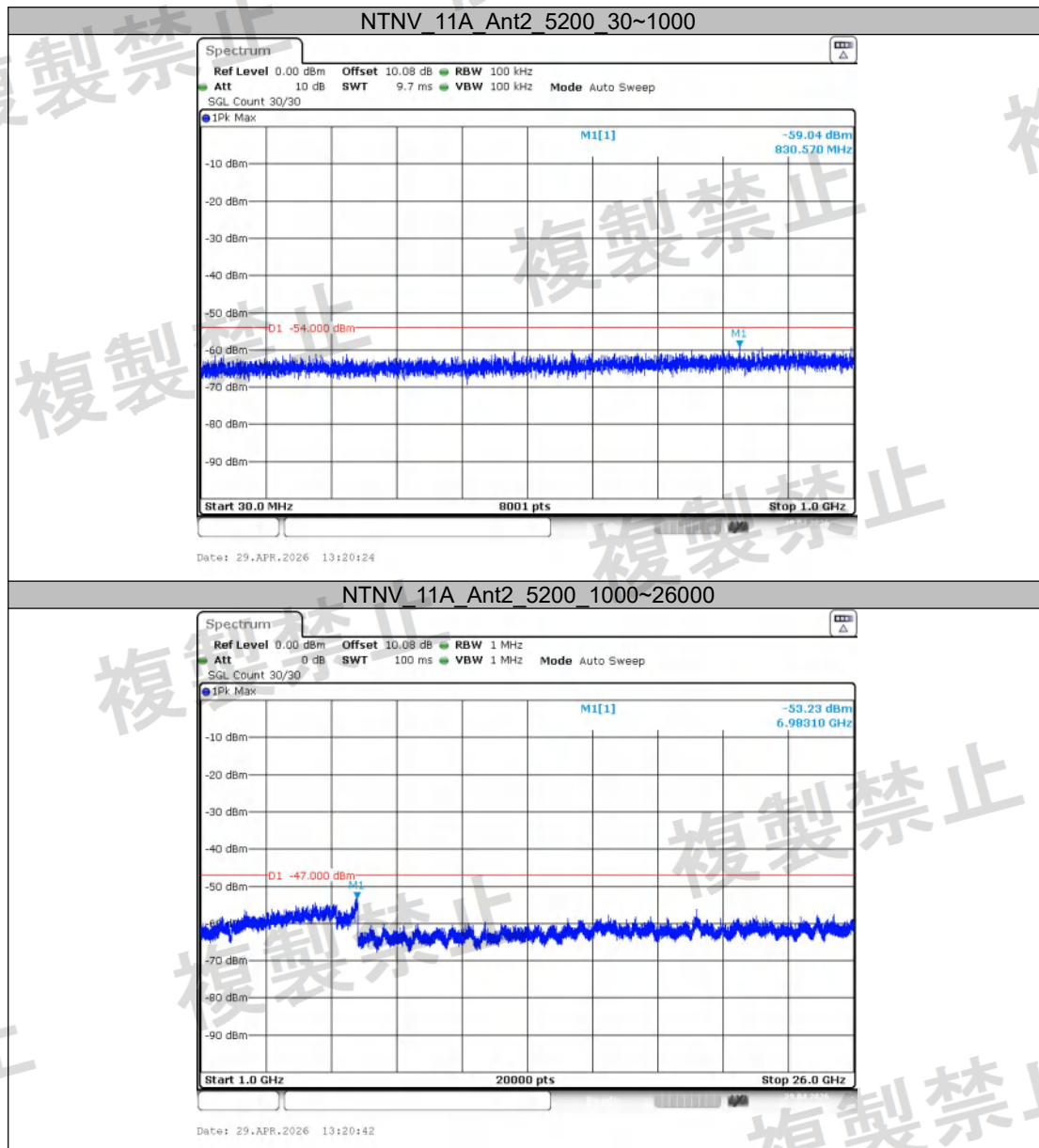
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	11AC20 MIMO	Ant1	5180	30~1000	-58.82	≤-54	1.31220	≤4	PASS
				1000~26000	-52.33	≤-47	5.84790	≤20	PASS
		Ant2	5180	30~1000	-58.77	≤-54	1.32739	≤4	PASS
				1000~26000	-51.96	≤-47	6.36796	≤20	PASS
		Ant1	5200	30~1000	-58.50	≤-54	1.41254	≤4	PASS
				1000~26000	-53.90	≤-47	4.07380	≤20	PASS
		Ant2	5200	30~1000	-58.61	≤-54	1.37721	≤4	PASS
				1000~26000	-53.13	≤-47	4.86407	≤20	PASS
		Ant1	5220	30~1000	-57.45	≤-54	1.79887	≤4	PASS
				1000~26000	-53.63	≤-47	4.33511	≤20	PASS
		Ant2	5220	30~1000	-58.64	≤-54	1.36773	≤4	PASS
				1000~26000	-52.70	≤-47	5.37032	≤20	PASS
		Ant1	5240	30~1000	-59.23	≤-54	1.19399	≤4	PASS
				1000~26000	-53.63	≤-47	4.33511	≤20	PASS
		Ant2	5240	30~1000	-58.29	≤-54	1.48252	≤4	PASS
				1000~26000	-53.36	≤-47	4.61318	≤20	PASS
				1000~26000	-53.11	≤-47	4.88652	≤20	PASS
	11AC40 MIMO	Ant1	5190	30~1000	-59.02	≤-54	1.25314	≤4	PASS
				1000~26000	-51.48	≤-47	7.11214	≤20	PASS
		Ant2	5190	30~1000	-59.47	≤-54	1.12980	≤4	PASS
				1000~26000	-52.61	≤-47	5.48277	≤20	PASS
		Ant1	5230	30~1000	-59.07	≤-54	1.23880	≤4	PASS
				1000~26000	-53.43	≤-47	4.53942	≤20	PASS
		Ant2	5230	30~1000	-59.05	≤-54	1.24451	≤4	PASS
				1000~26000	-53.16	≤-47	4.83059	≤20	PASS
	11AC80 MIMO	Ant1	5210	30~1000	-59.64	≤-54	1.08643	≤4	PASS
				1000~26000	-53.57	≤-47	4.39542	≤20	PASS
		Ant2	5210	30~1000	-58.16	≤-54	1.52757	≤4	PASS
				1000~26000	-52.51	≤-47	5.61048	≤20	PASS
	11AX20M IMO	Ant1	5180	30~1000	-58.83	≤-54	1.30918	≤4	PASS
				1000~26000	-53.11	≤-47	4.88652	≤20	PASS
		Ant2	5180	30~1000	-59.24	≤-54	1.19124	≤4	PASS
				1000~26000	-52.66	≤-47	5.42001	≤20	PASS
		Ant1	5200	30~1000	-59.30	≤-54	1.17490	≤4	PASS
				1000~26000	-52.91	≤-47	5.11682	≤20	PASS
		Ant2	5200	30~1000	-59.01	≤-54	1.25603	≤4	PASS
				1000~26000	-52.72	≤-47	5.34564	≤20	PASS
		Ant1	5220	30~1000	-59.31	≤-54	1.17220	≤4	PASS
				1000~26000	-53.77	≤-47	4.19759	≤20	PASS
		Ant2	5220	30~1000	-58.96	≤-54	1.27057	≤4	PASS
				1000~26000	-53.68	≤-47	4.28549	≤20	PASS
		Ant1	5240	30~1000	-58.80	≤-54	1.31826	≤4	PASS
				1000~26000	-53.52	≤-47	4.44631	≤20	PASS
		Ant2	5240	30~1000	-59.61	≤-54	1.09396	≤4	PASS
				1000~26000	-52.97	≤-47	5.04661	≤20	PASS
	11AX40M IMO	Ant1	5190	30~1000	-59.07	≤-54	1.23880	≤4	PASS
				1000~26000	-53.74	≤-47	4.22669	≤20	PASS
		Ant2	5190	30~1000	-58.70	≤-54	1.34896	≤4	PASS
				1000~26000	-53.73	≤-47	4.23643	≤20	PASS
		Ant1	5230	30~1000	-58.23	≤-54	1.50314	≤4	PASS
				1000~26000	-53.48	≤-47	4.48745	≤20	PASS
		Ant2	5230	30~1000	-57.88	≤-54	1.62930	≤4	PASS
				1000~26000	-53.73	≤-47	4.23643	≤20	PASS
	11AX80M IMO	Ant1	5210	30~1000	-59.07	≤-54	1.23880	≤4	PASS
				1000~26000	-53.37	≤-47	4.60257	≤20	PASS
		Ant2	5210	30~1000	-59.07	≤-54	1.23880	≤4	PASS
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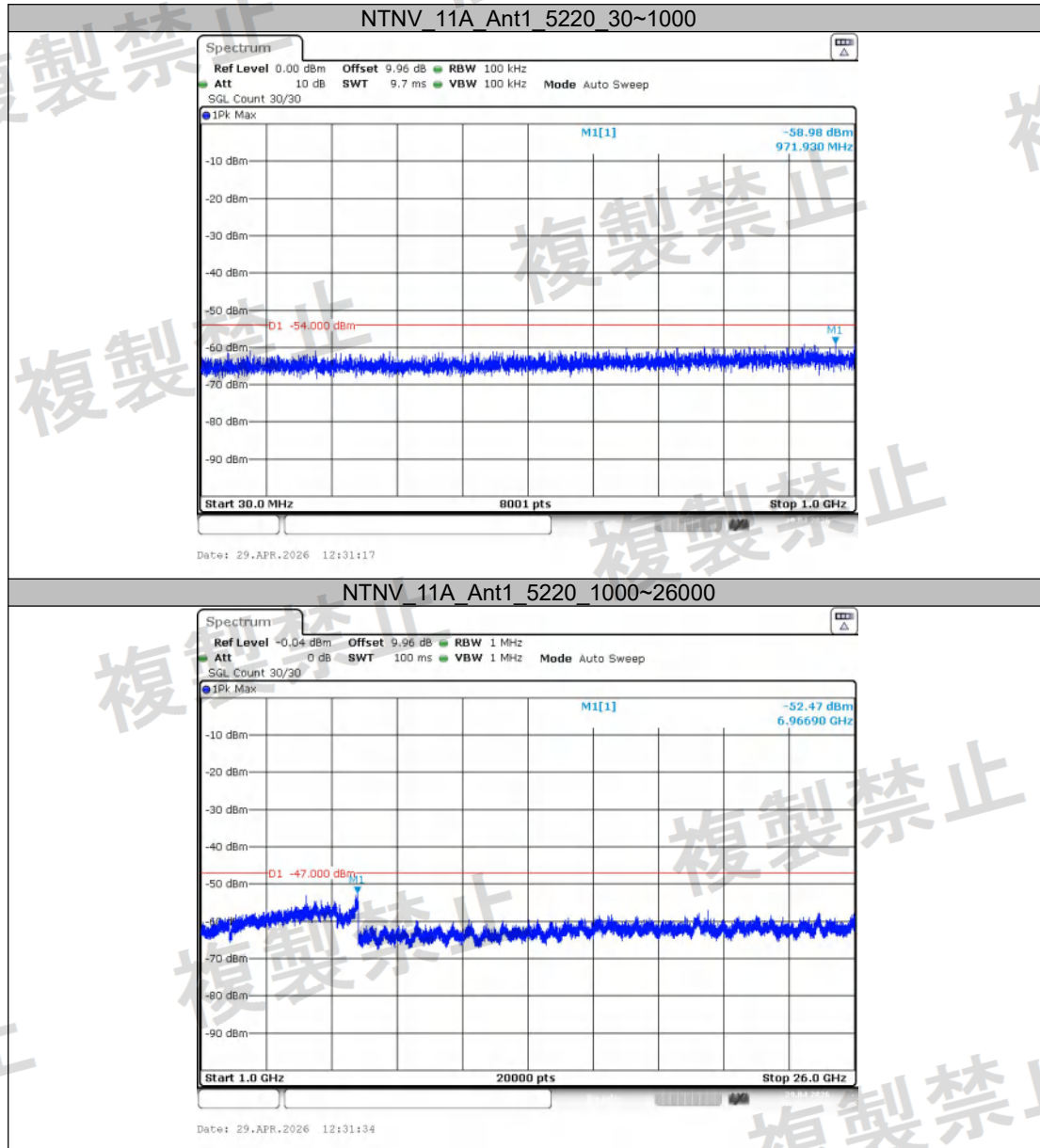
Test Graphs

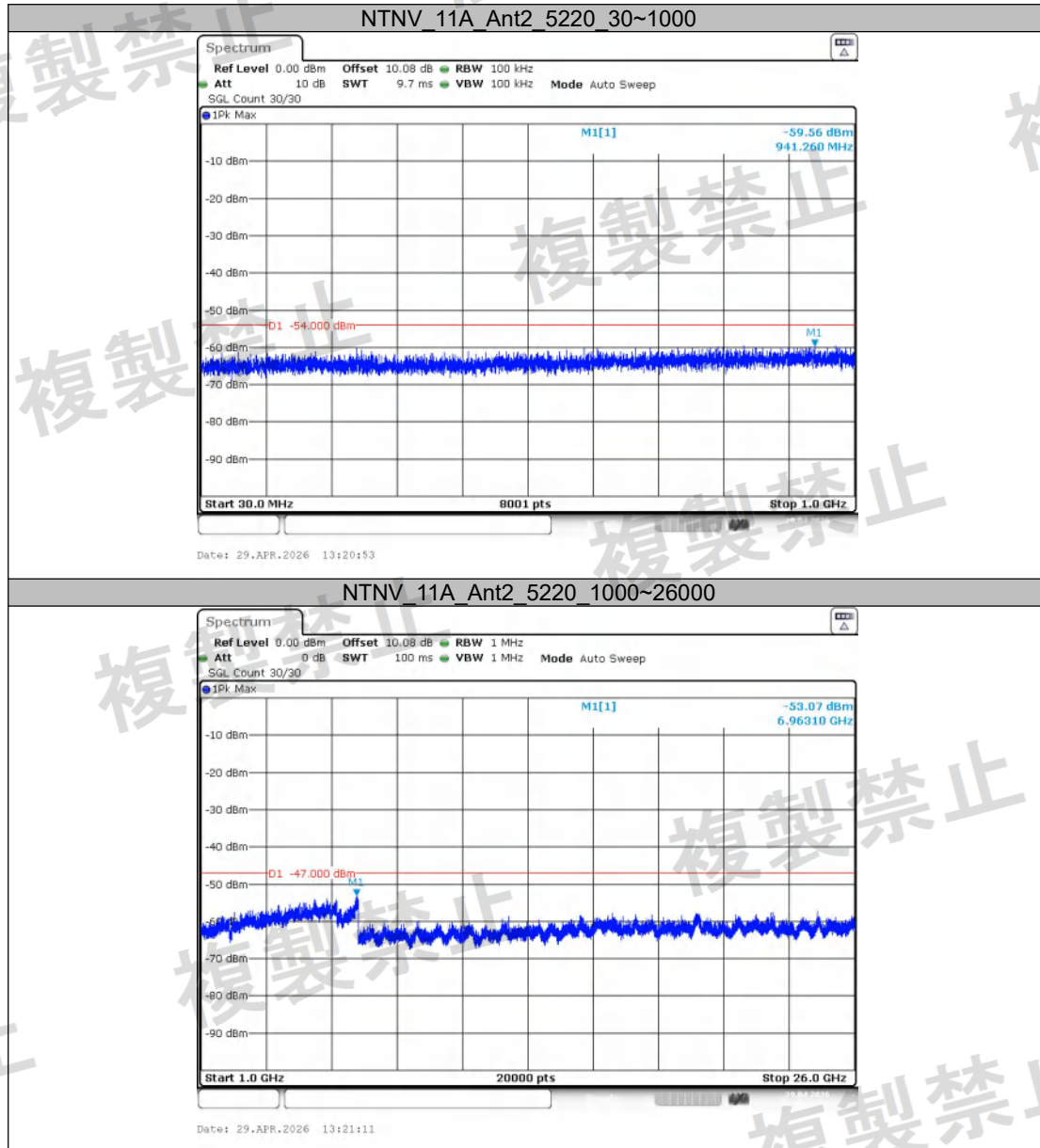


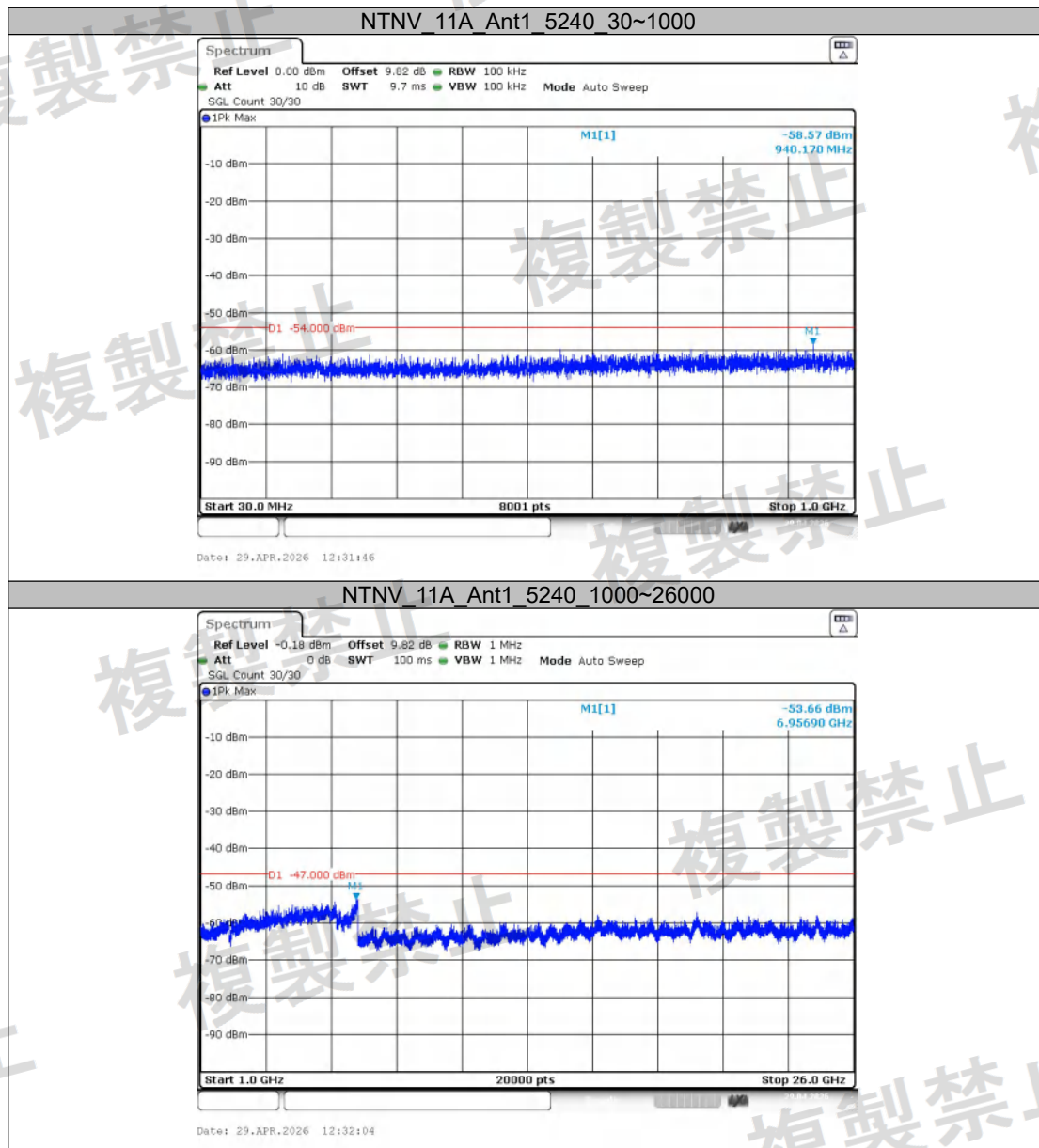


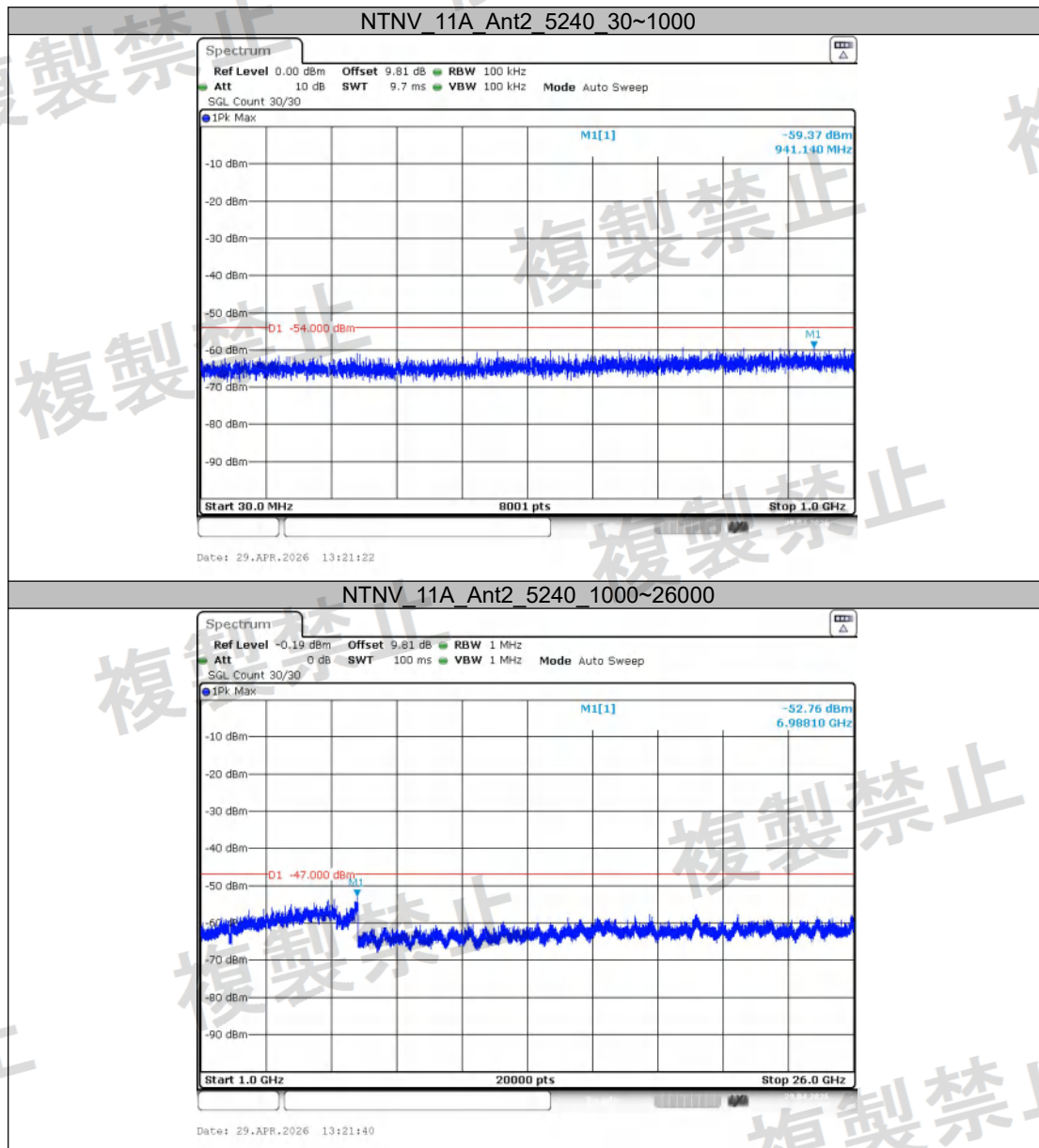


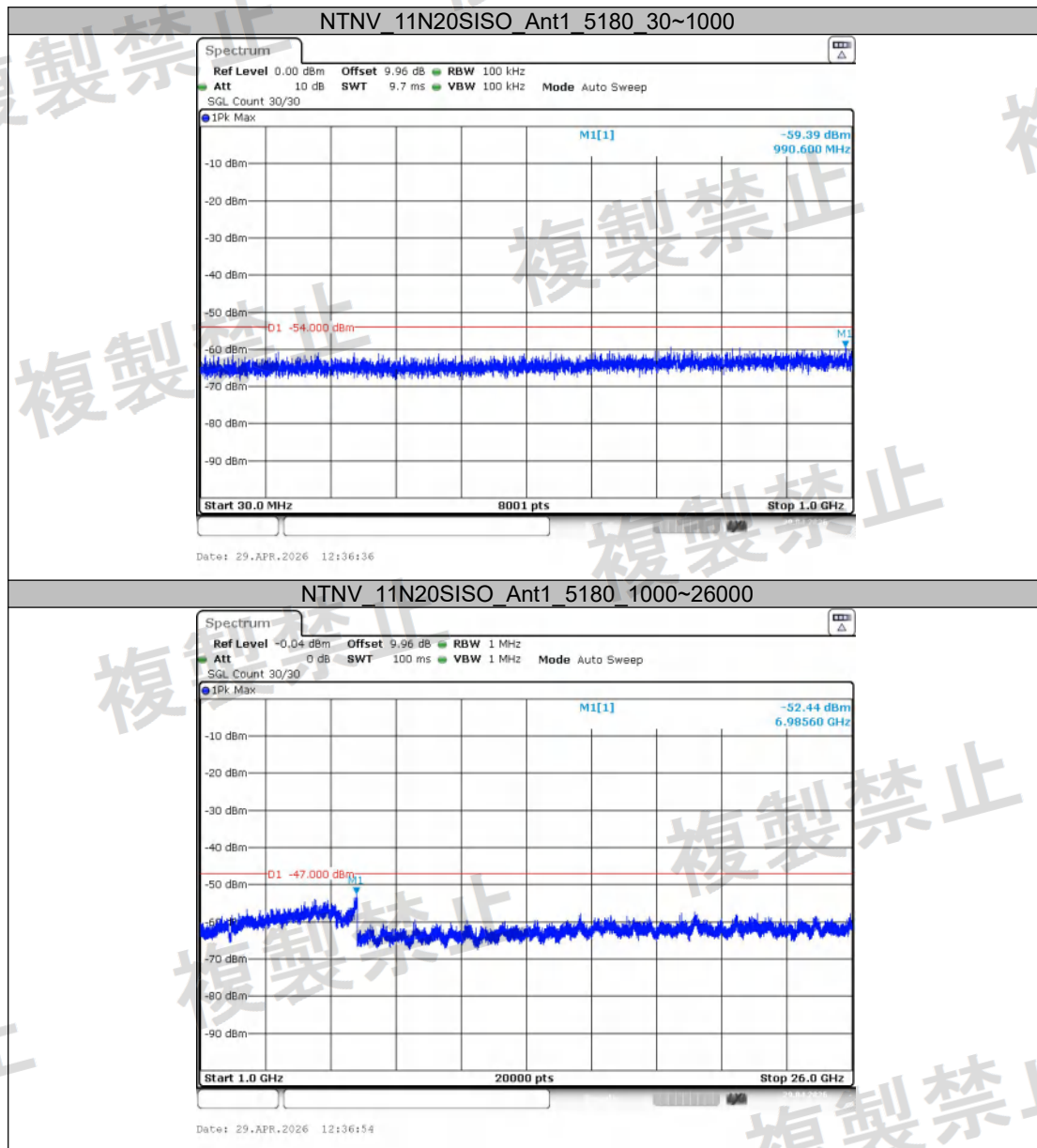


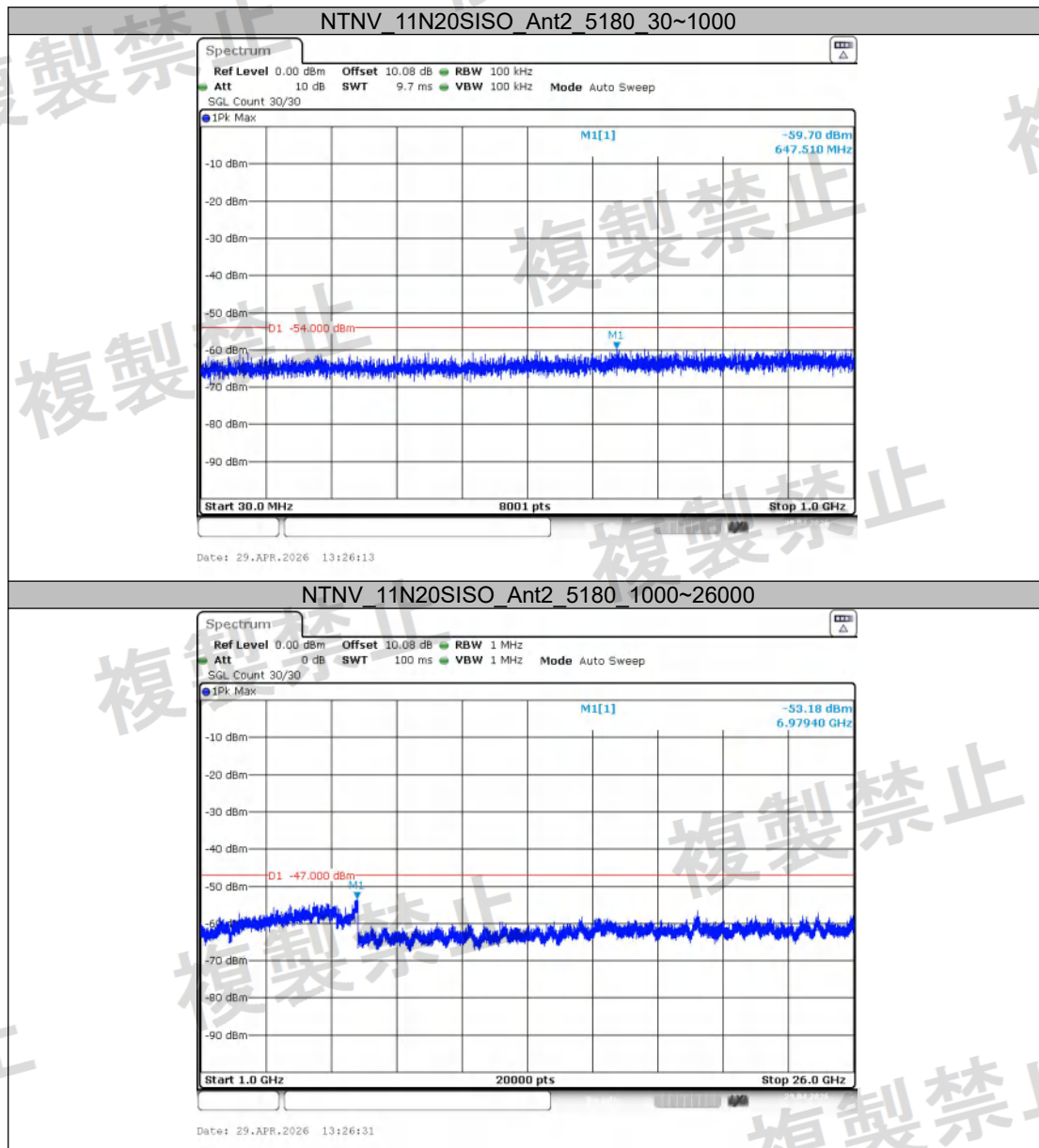


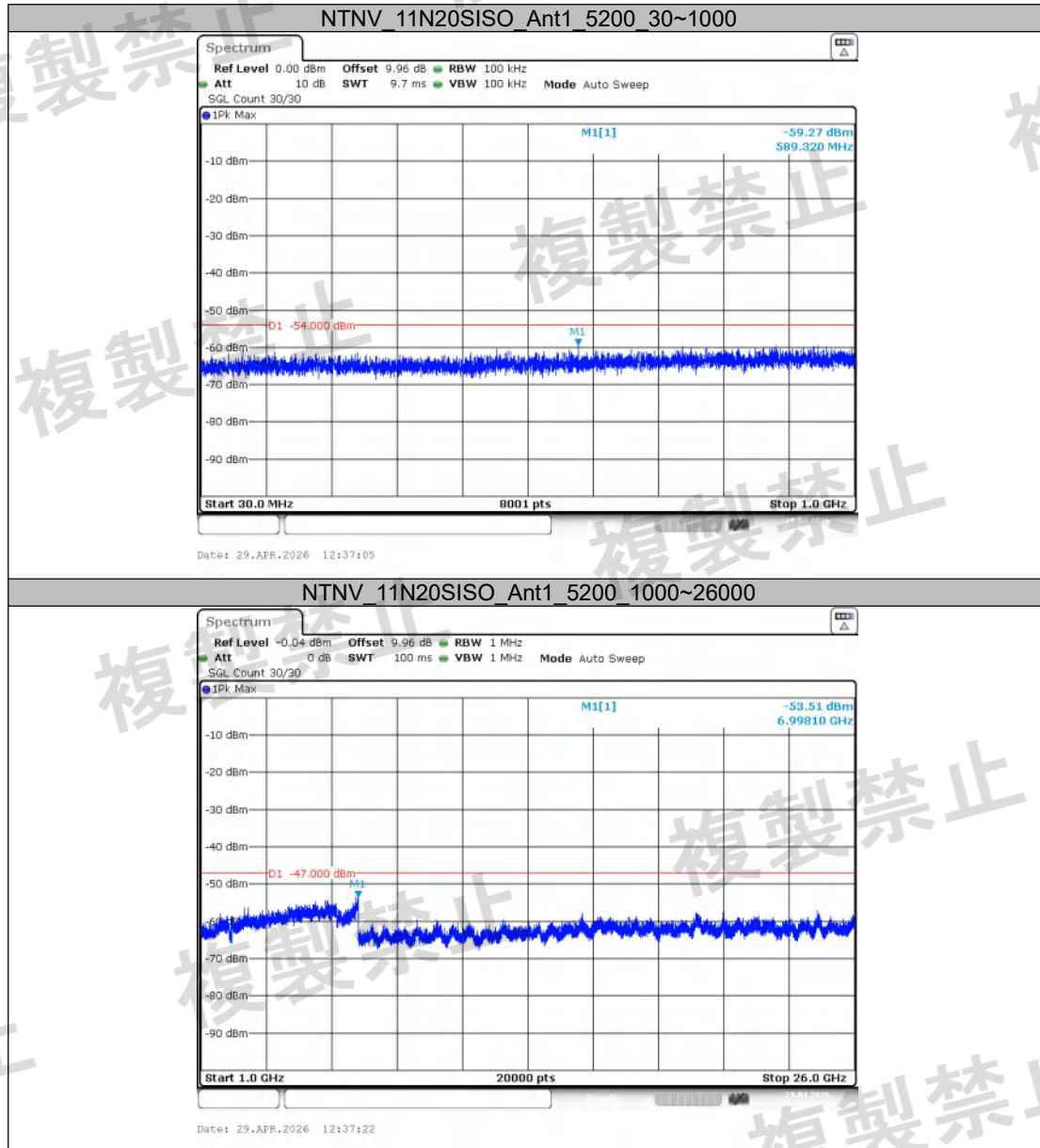


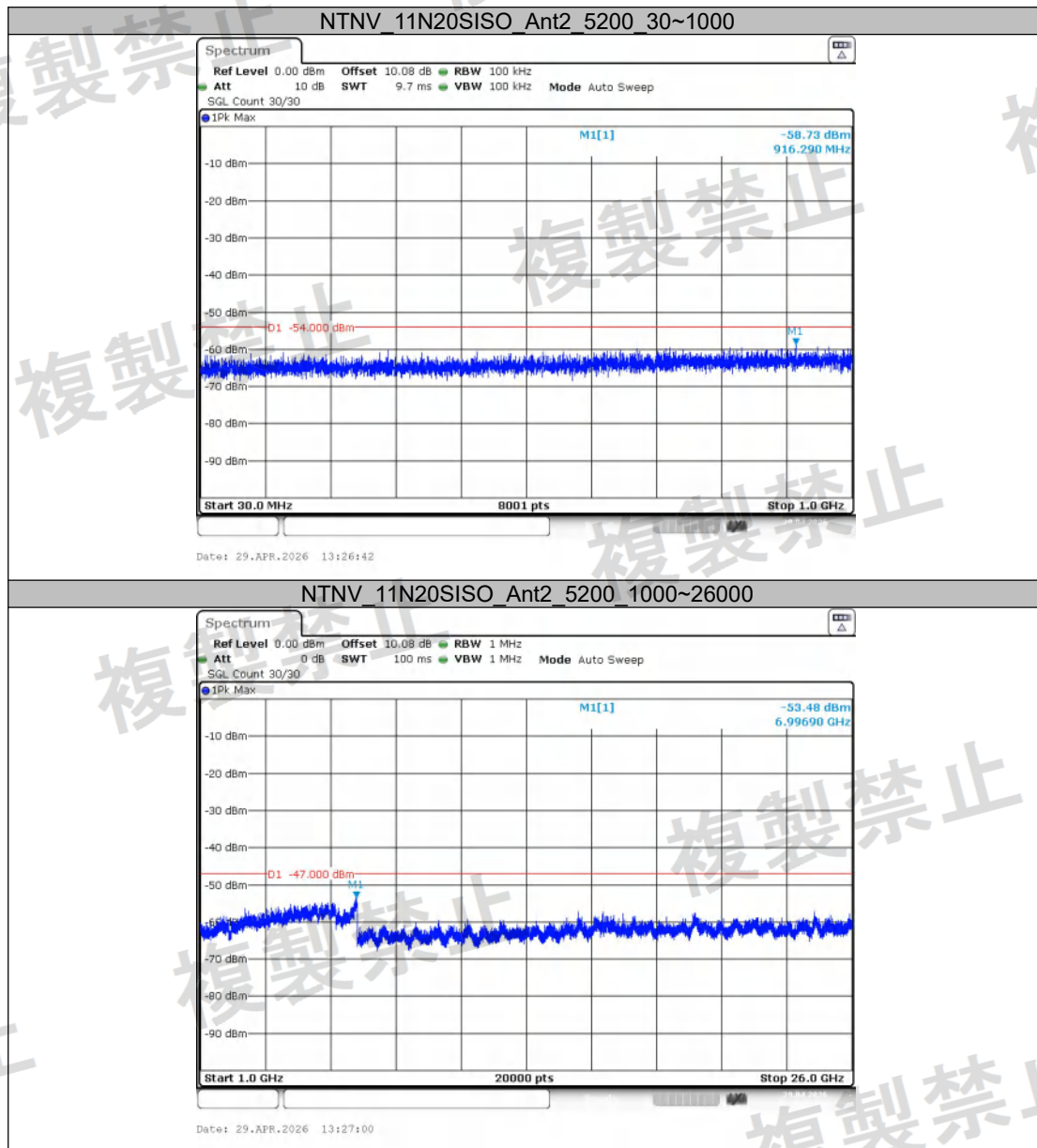


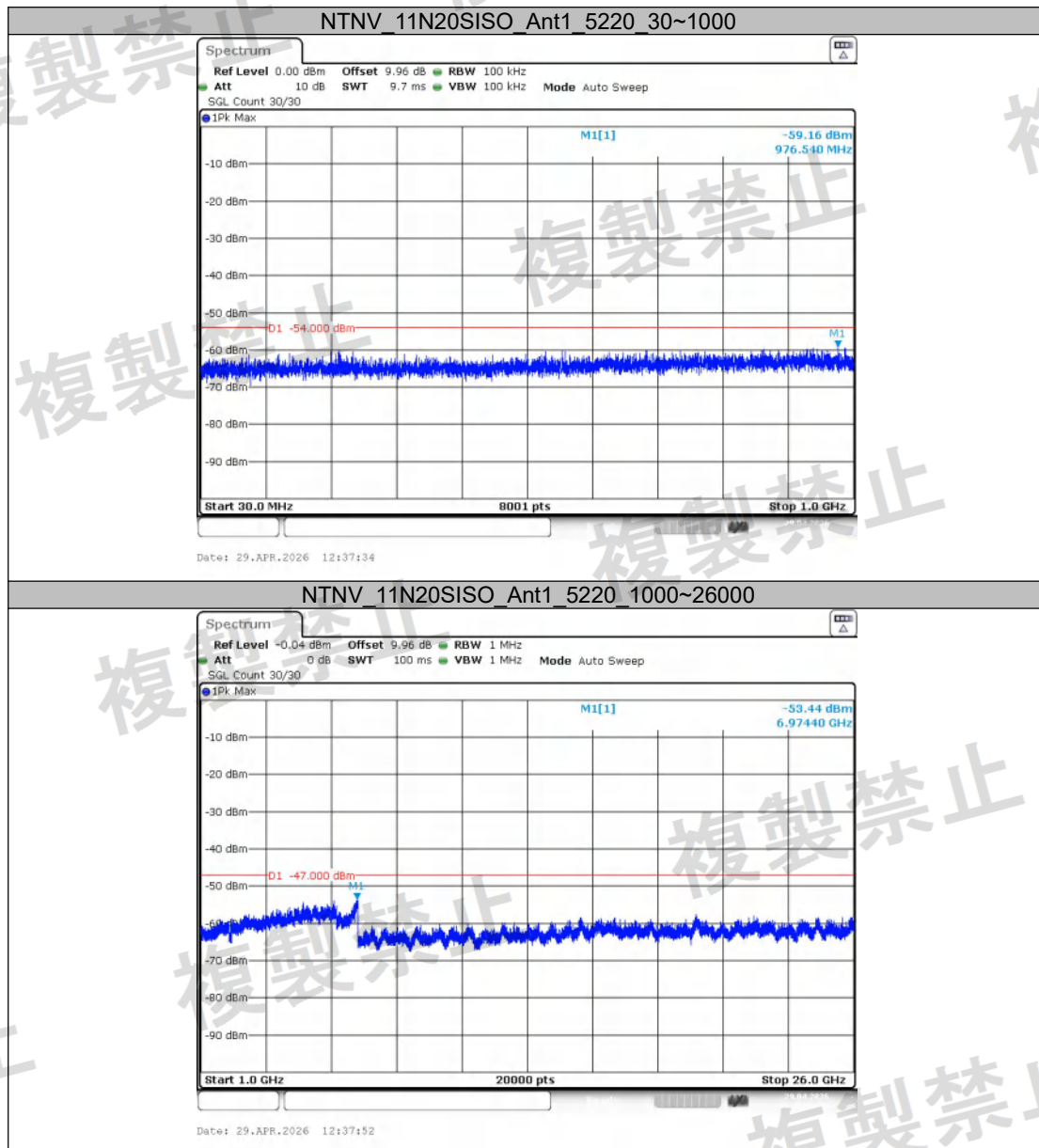


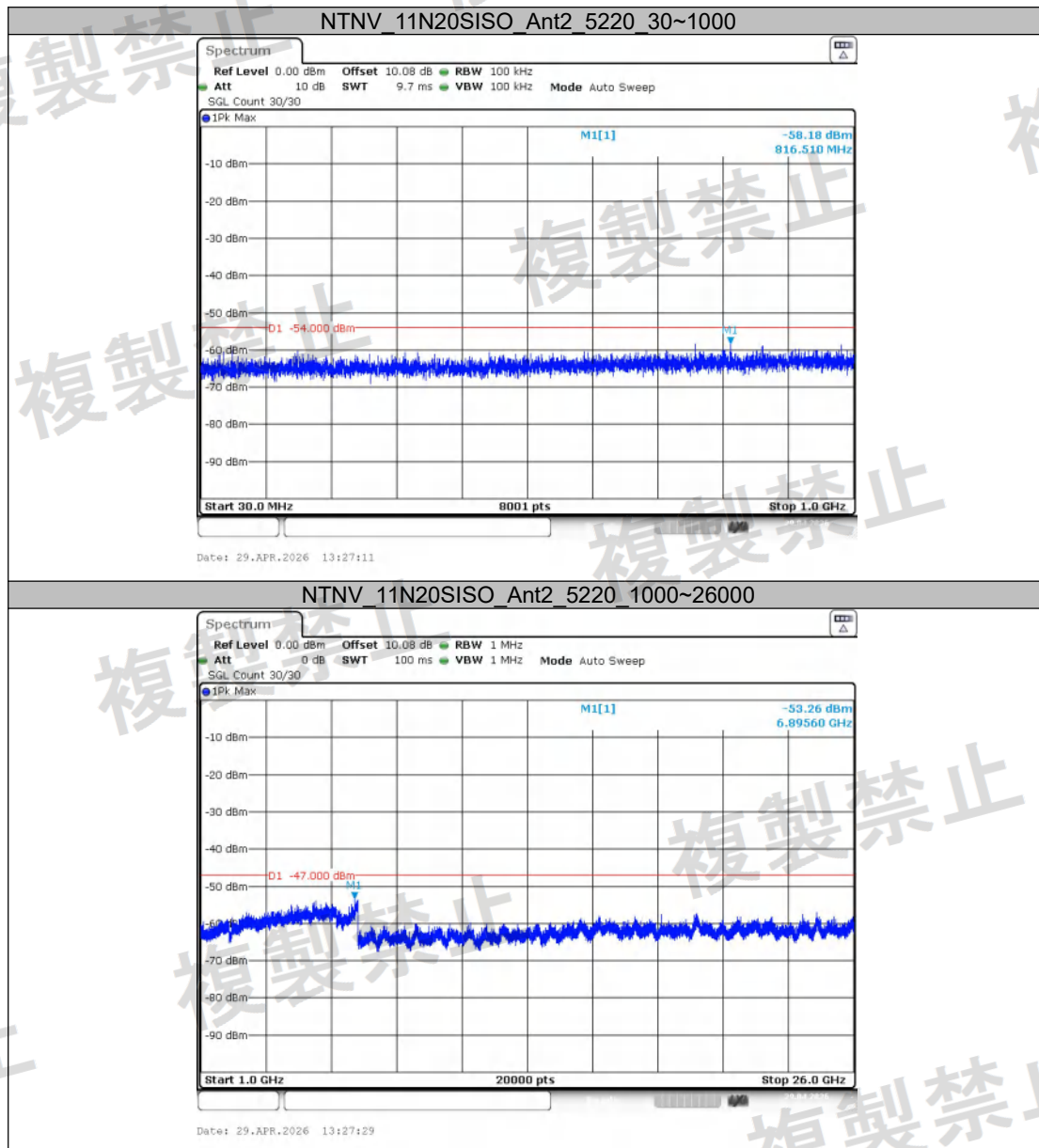


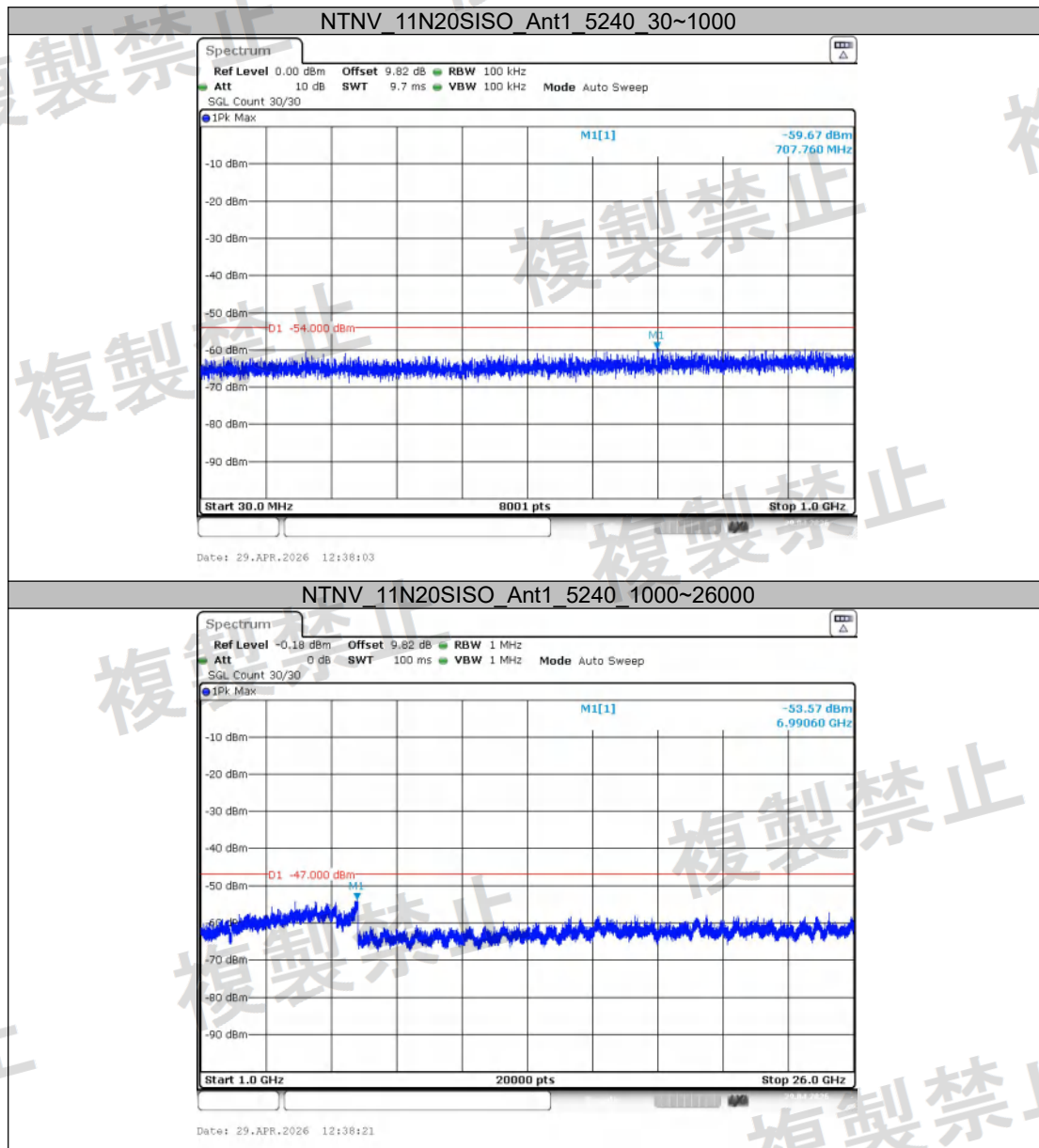


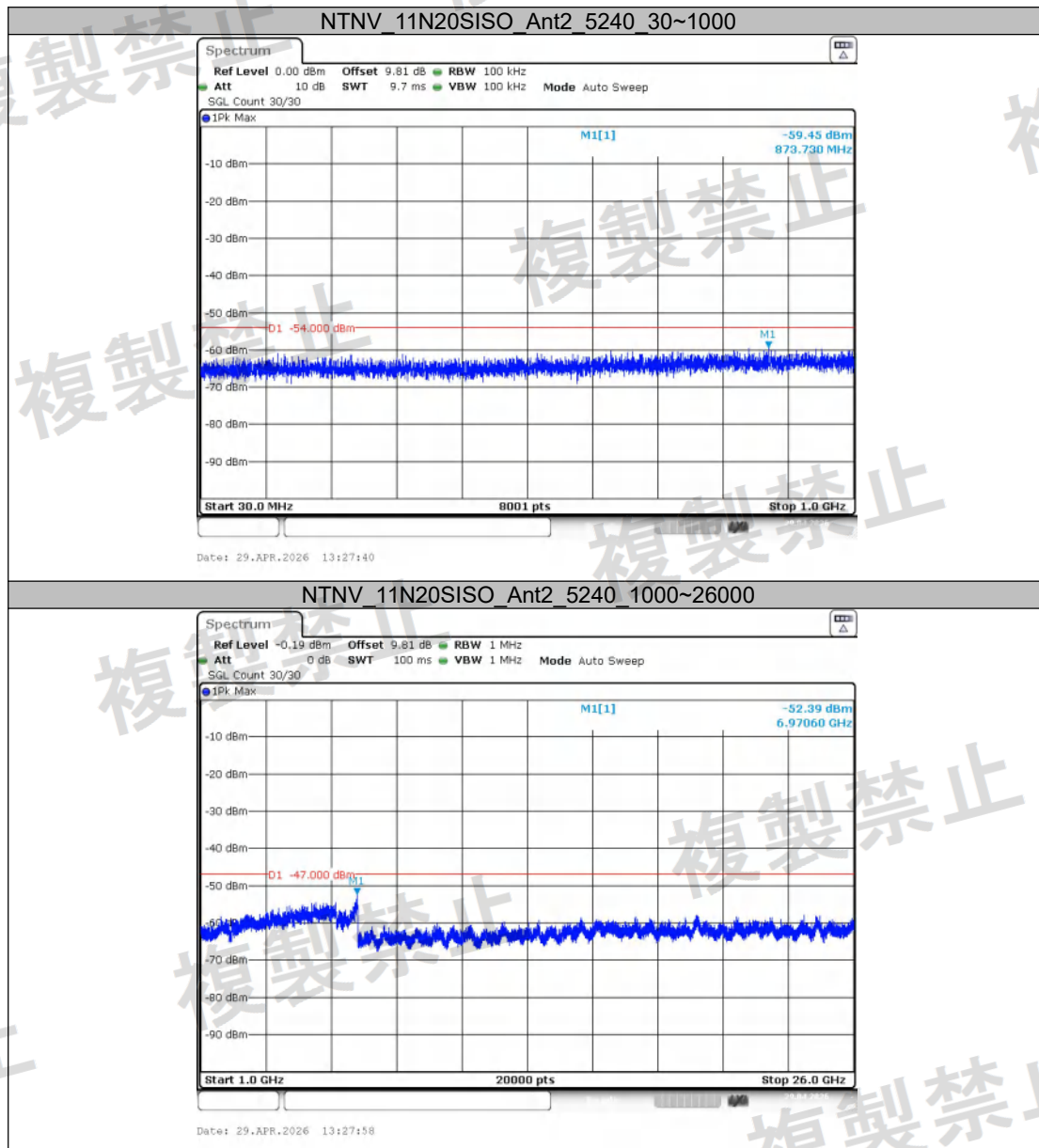


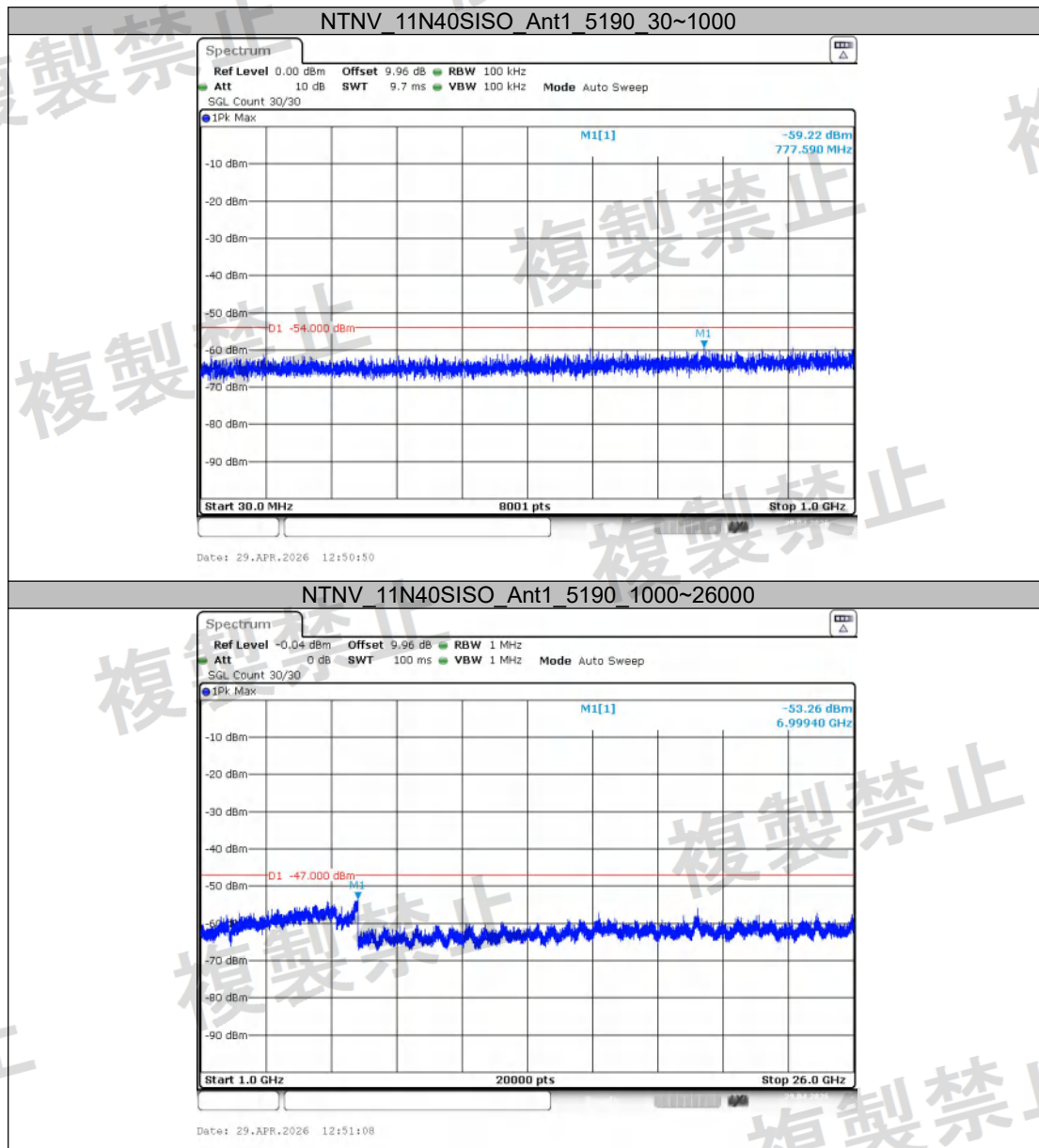


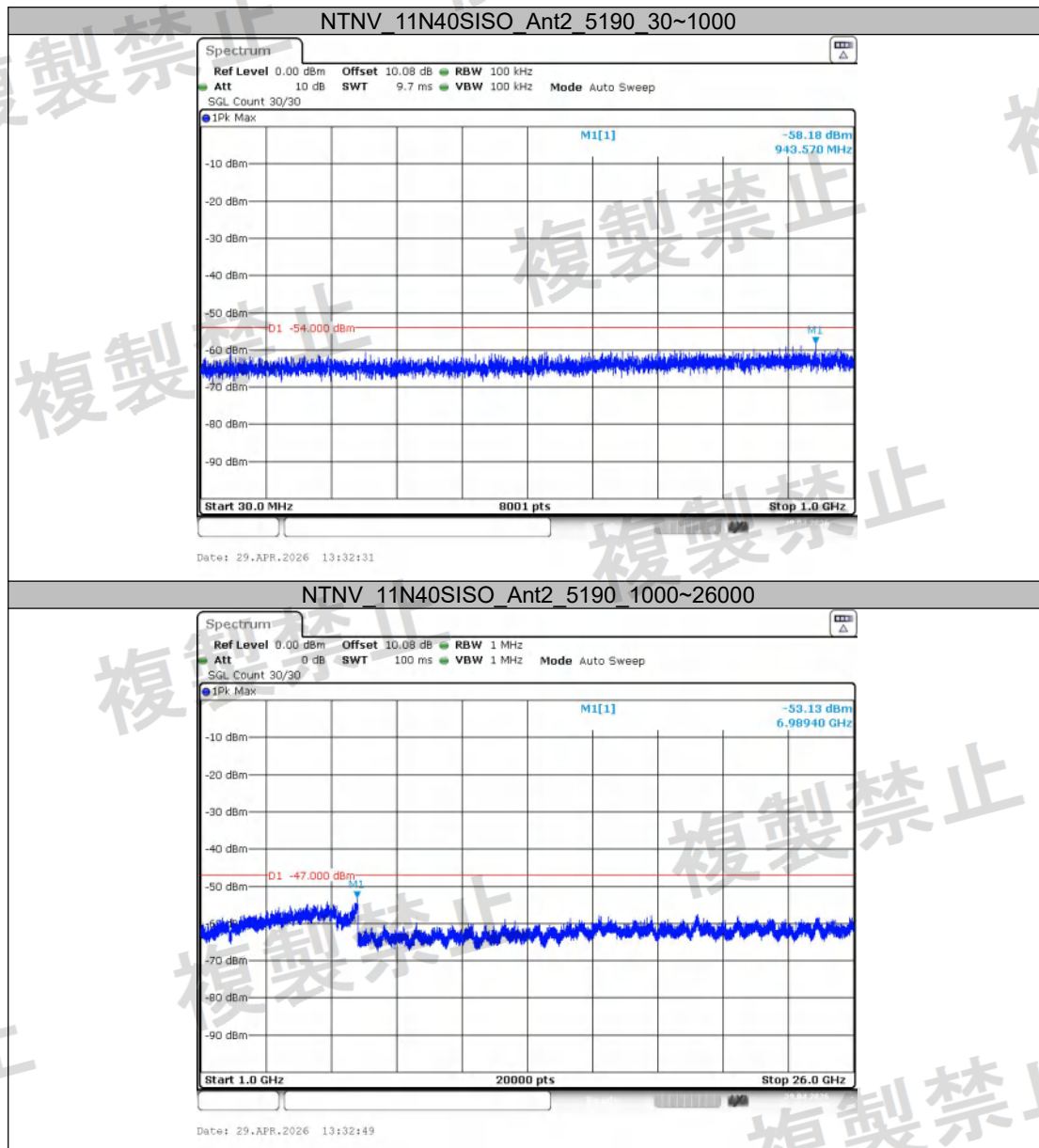


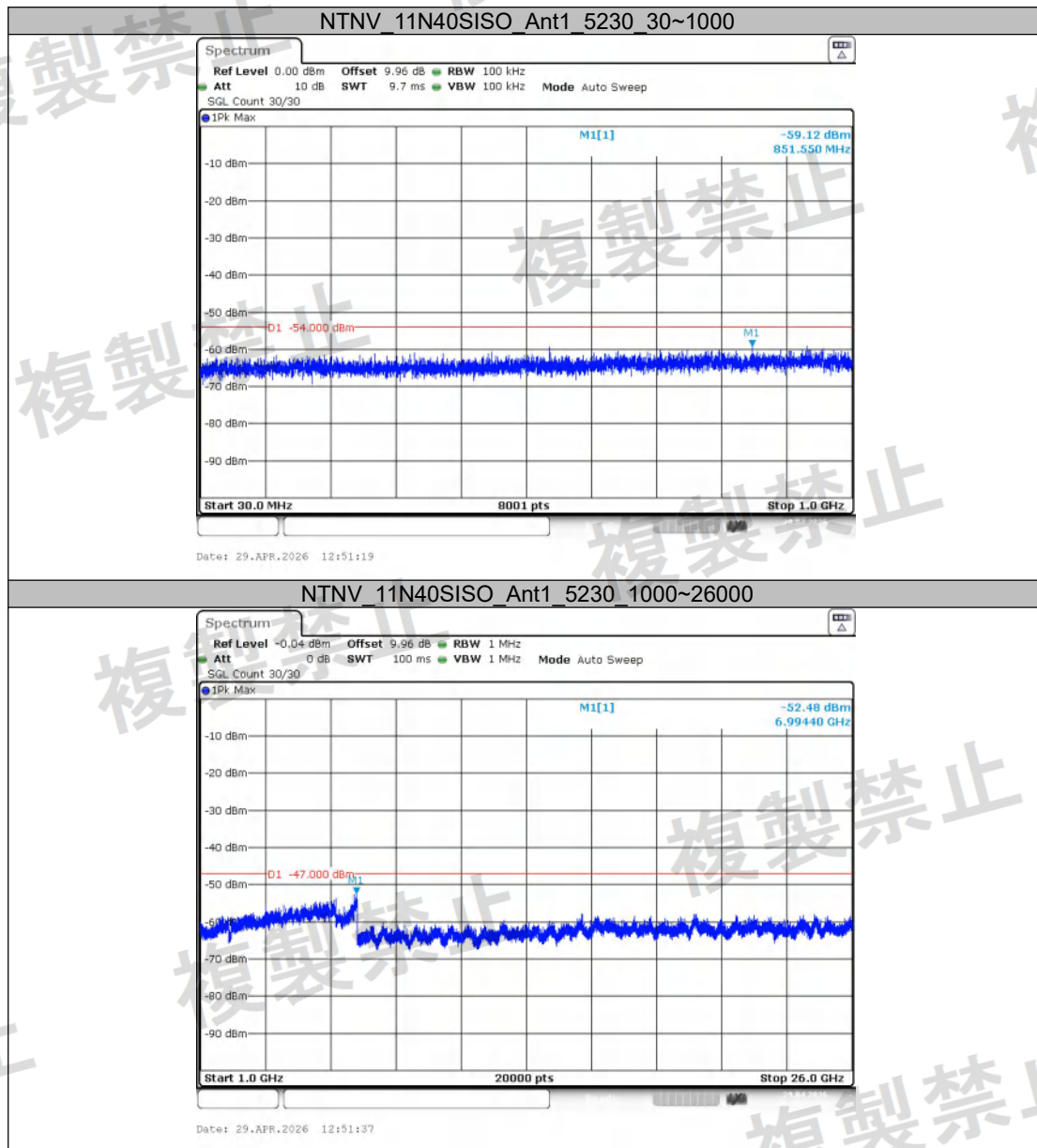


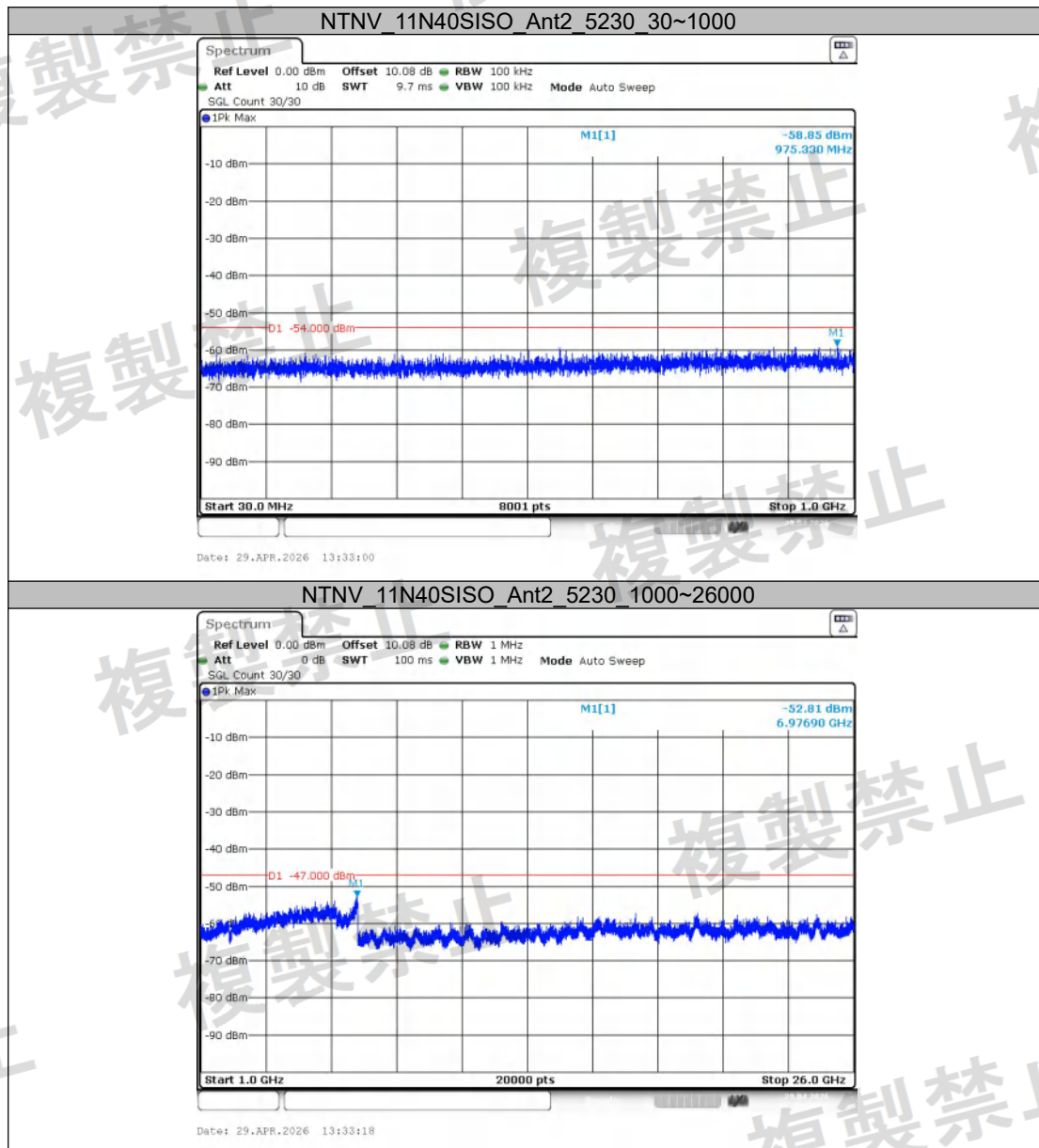


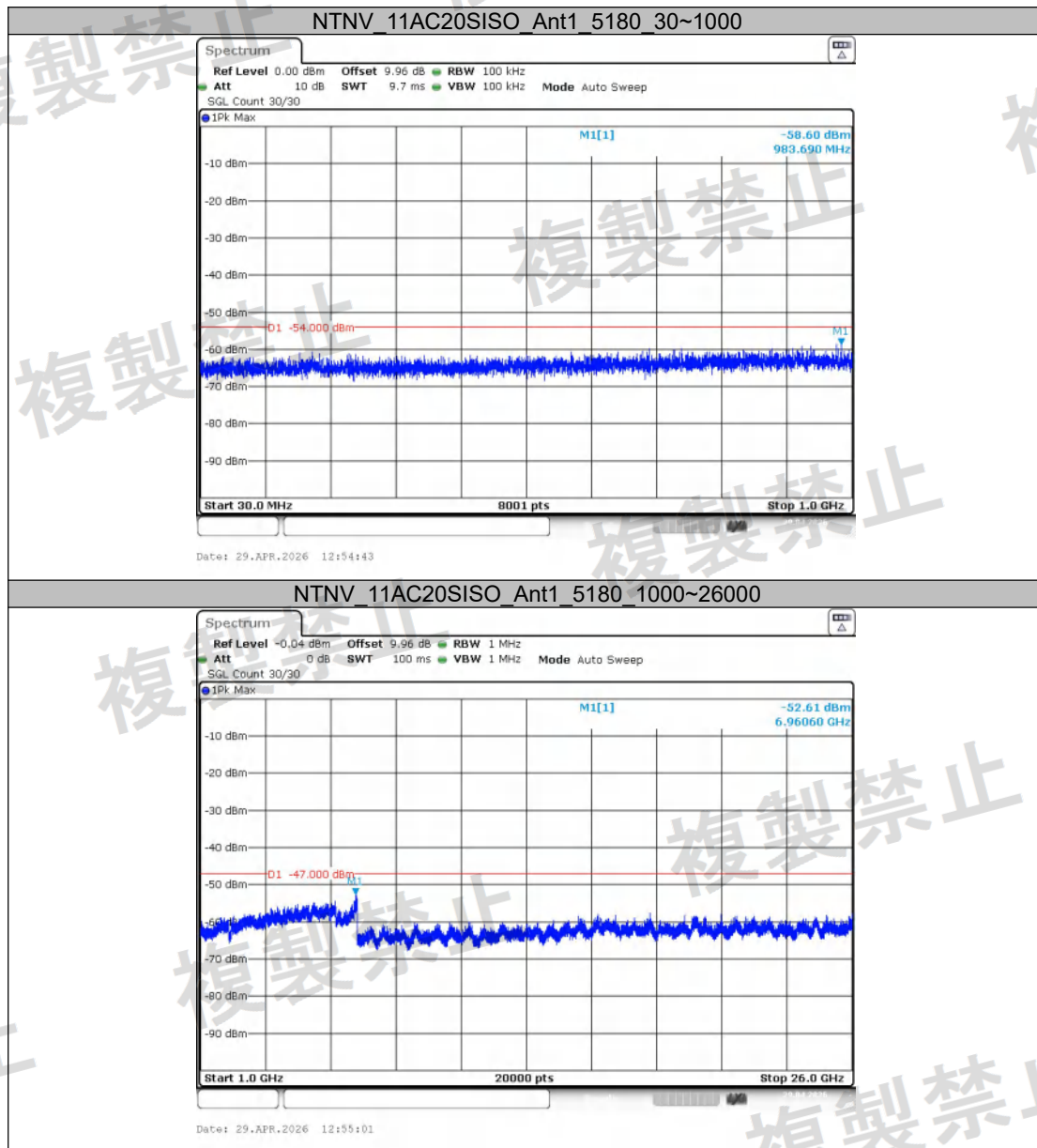


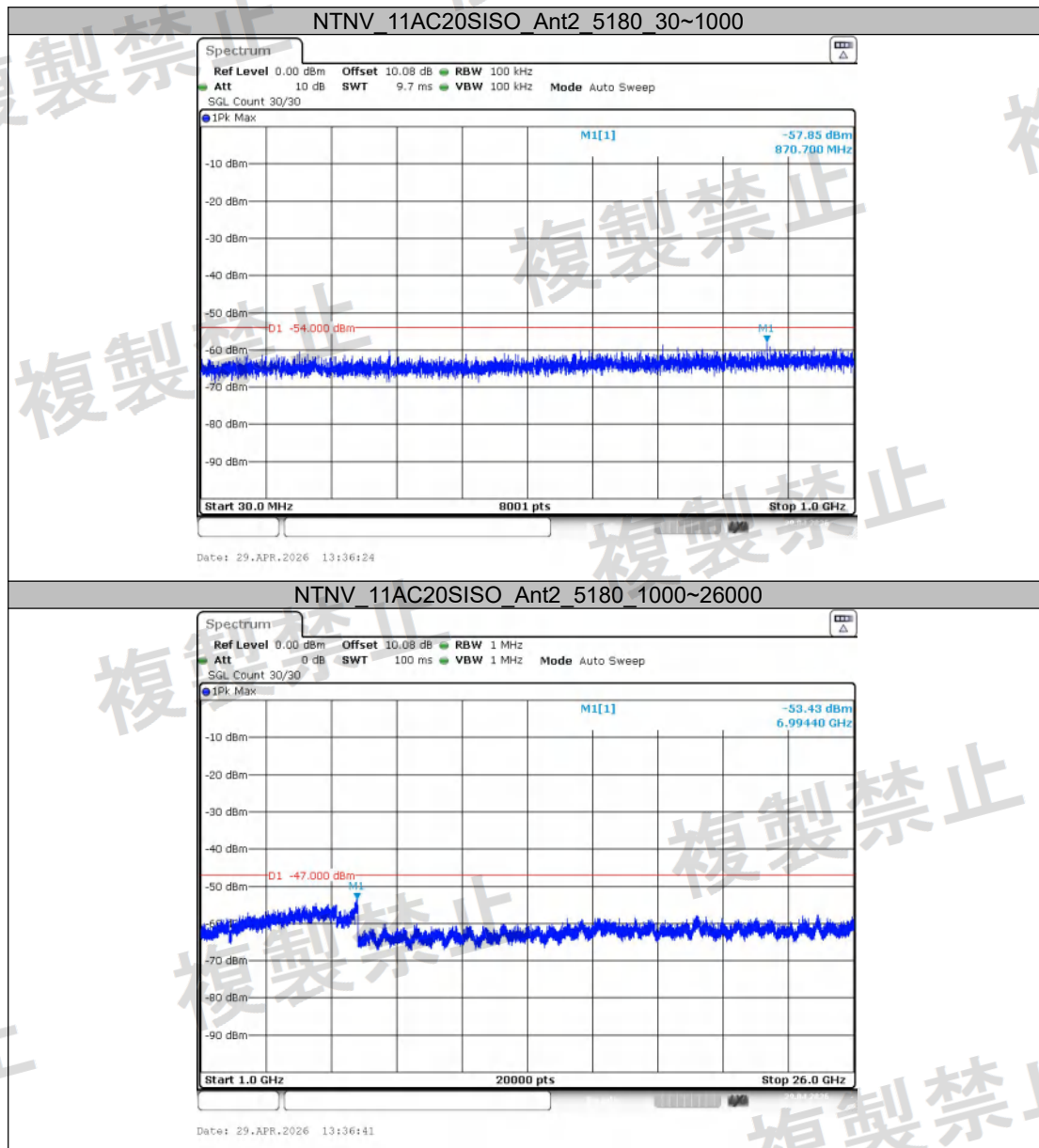


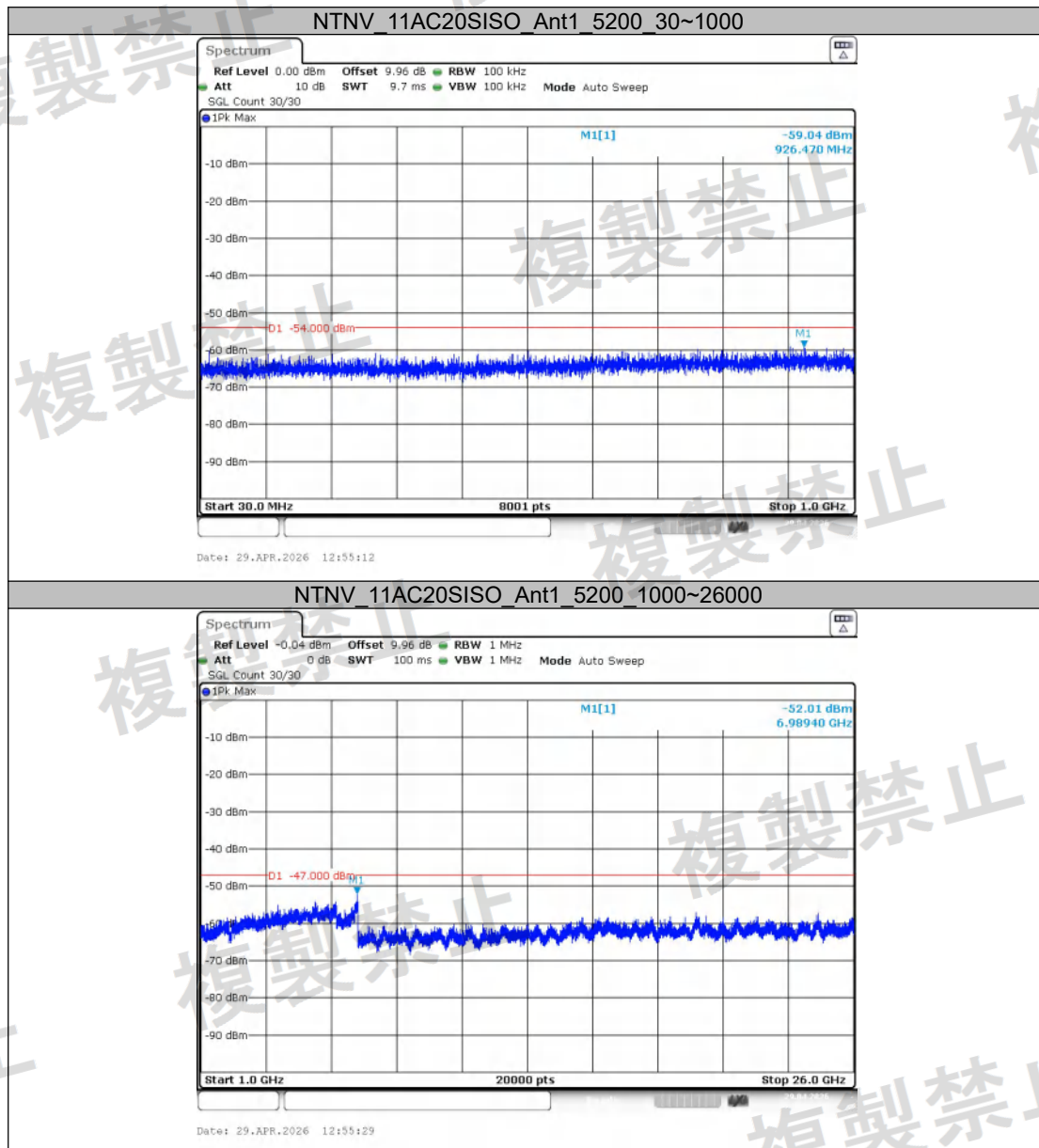


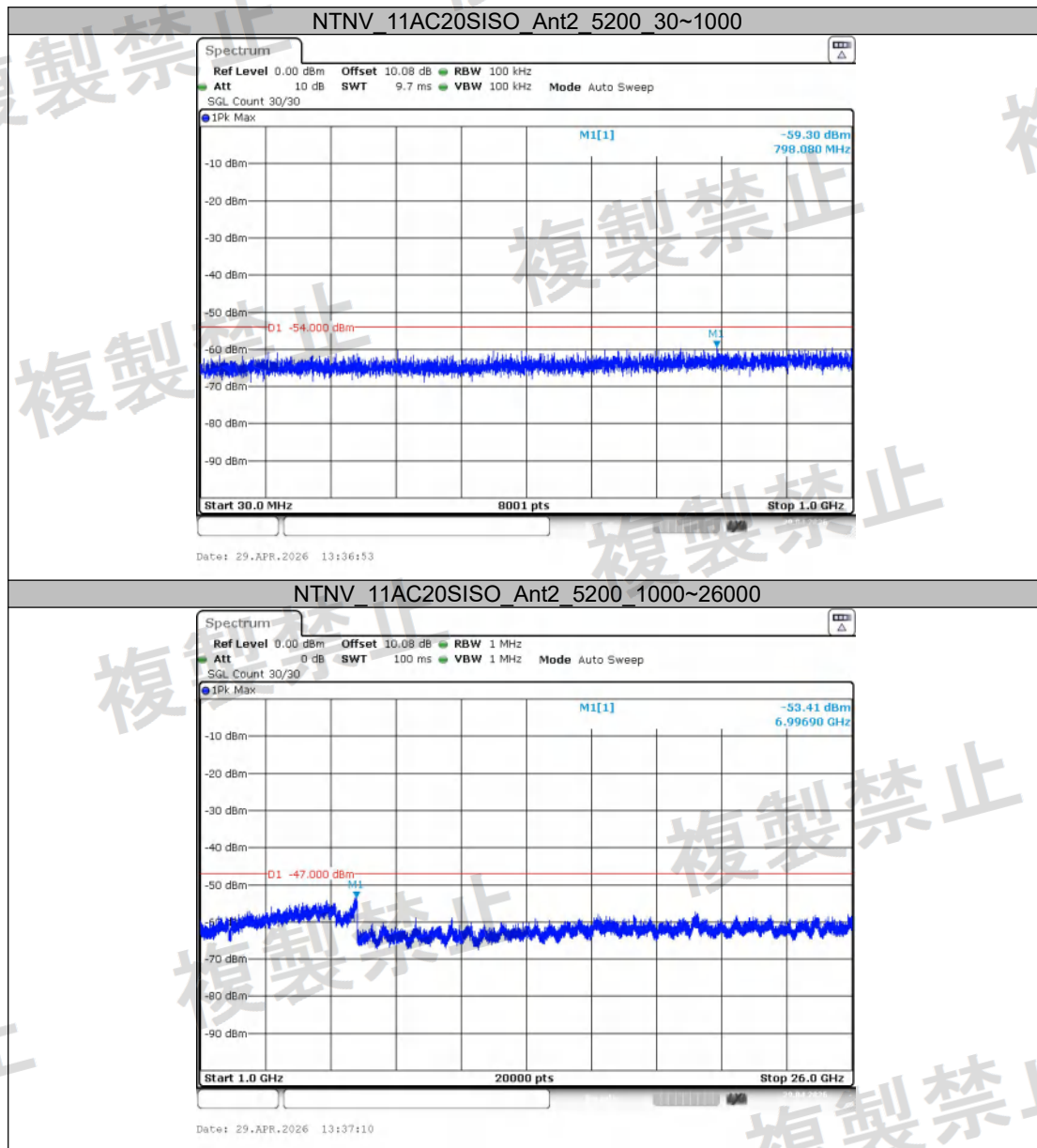


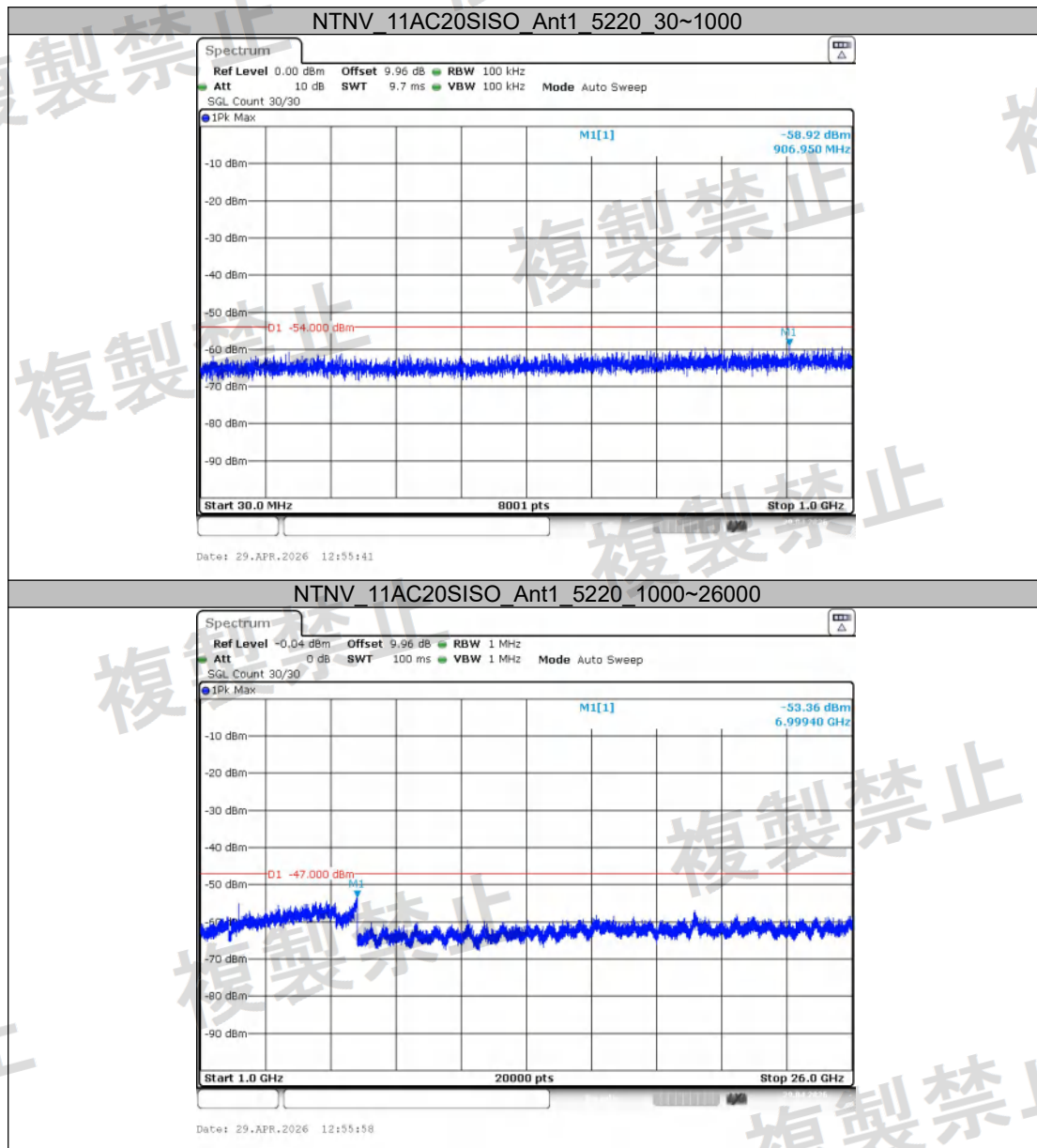


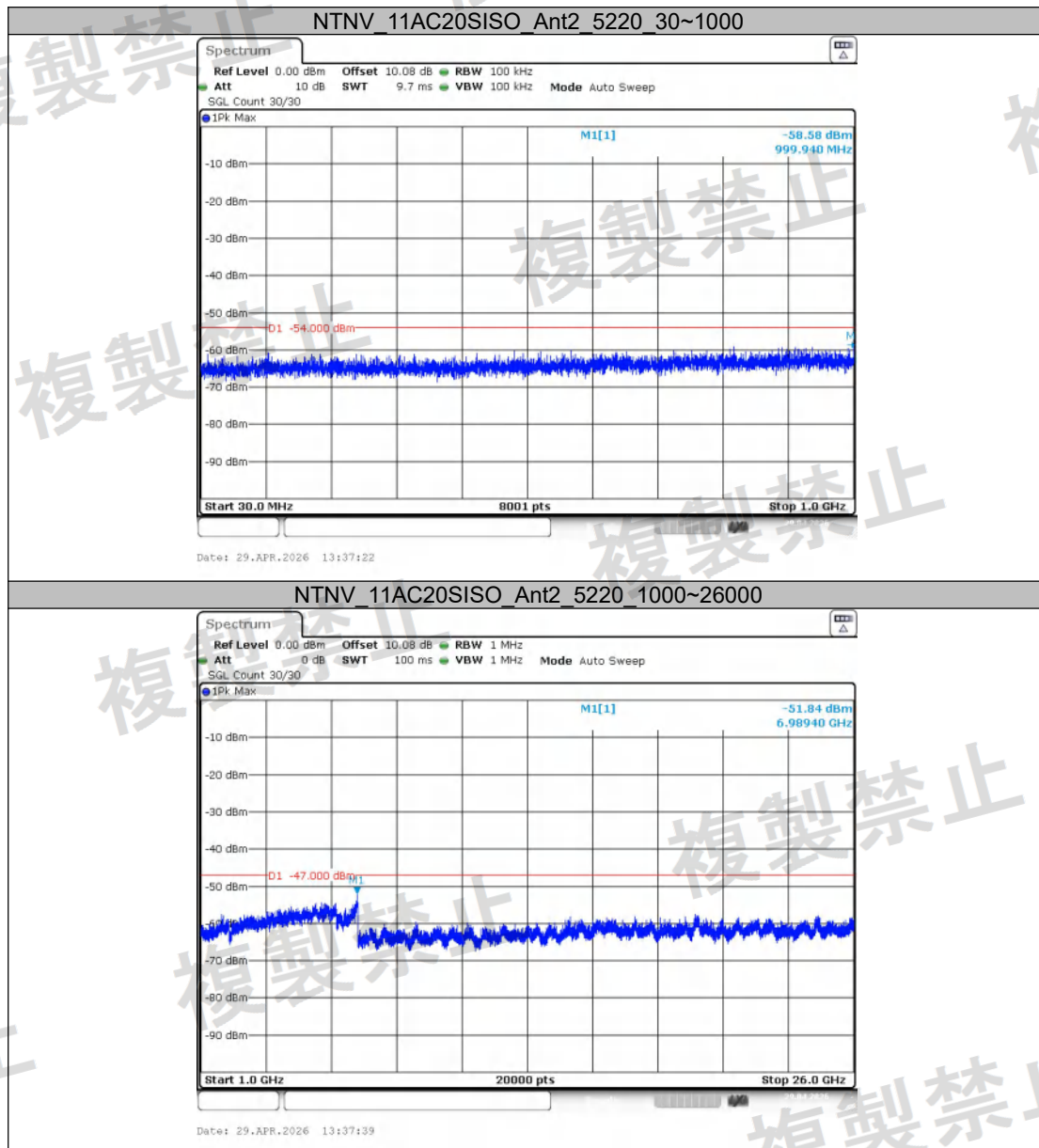


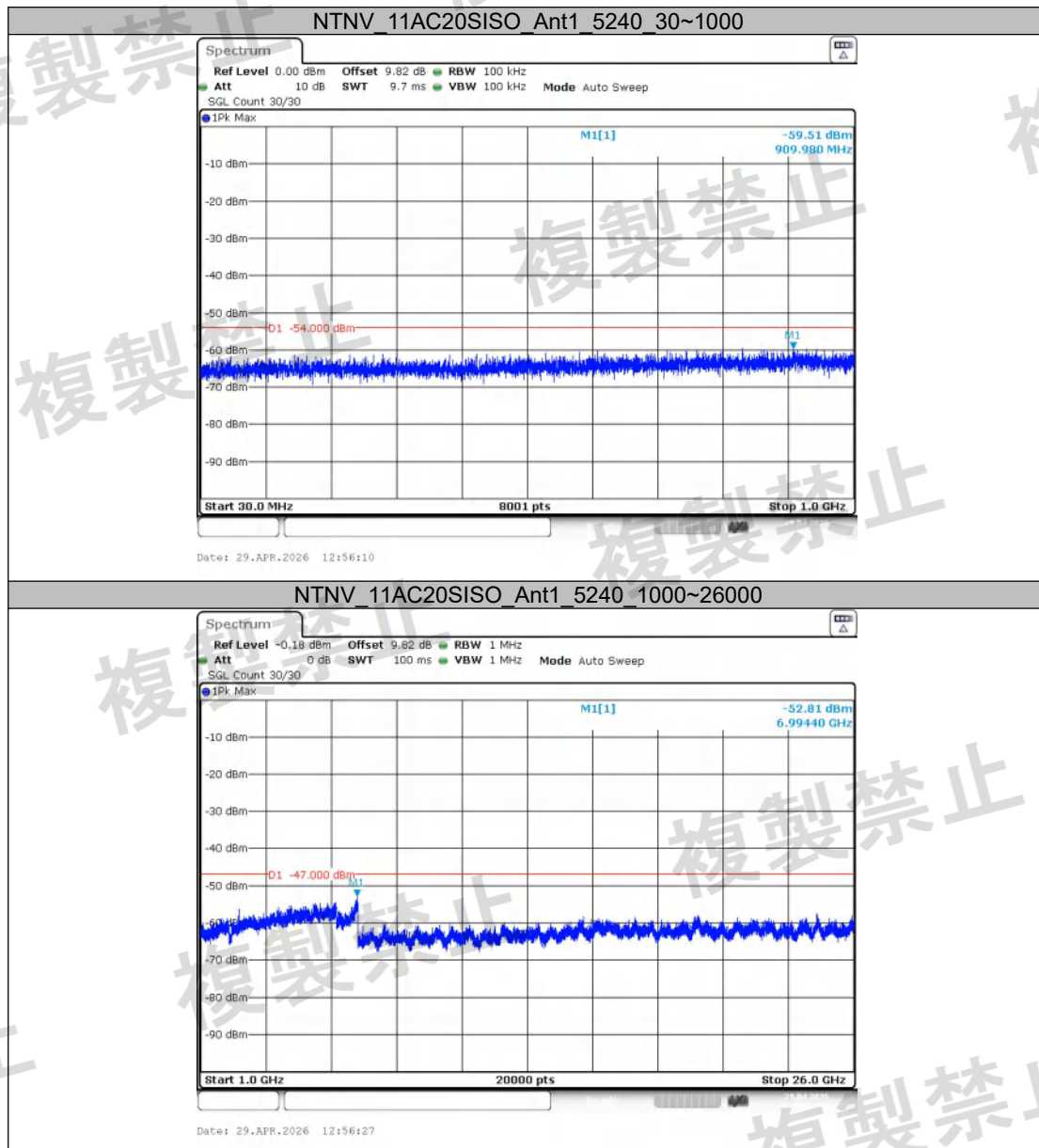


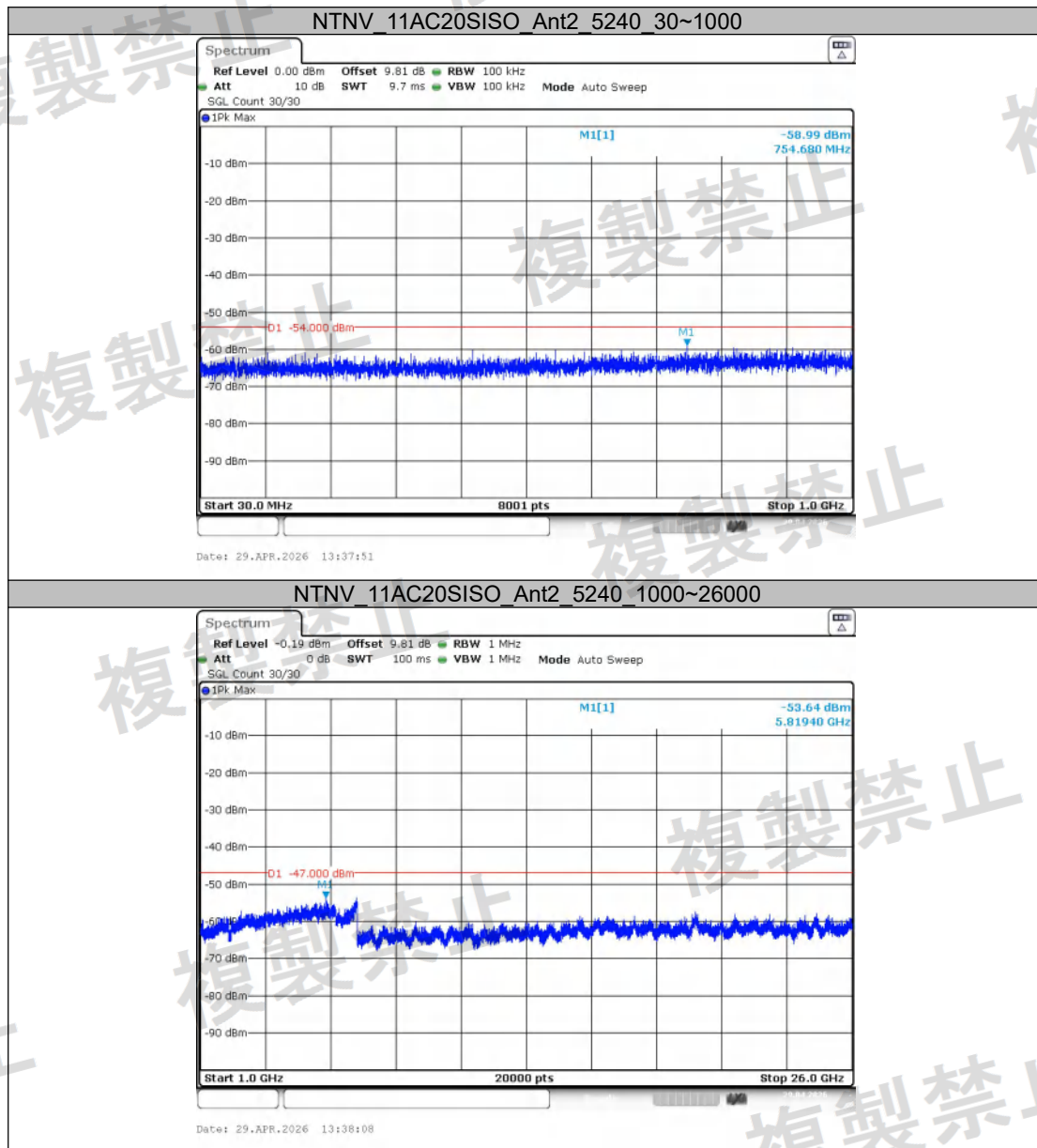


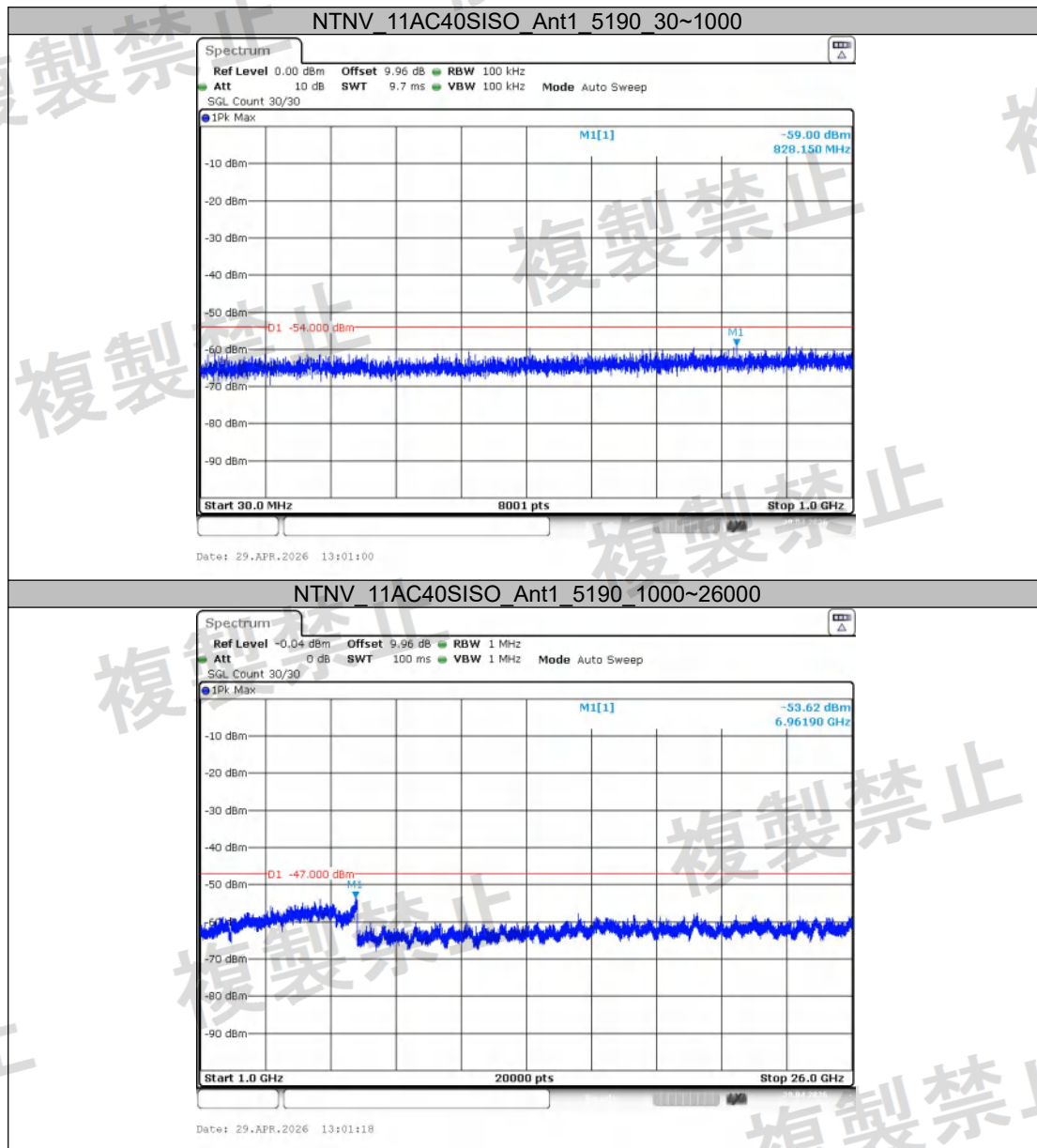


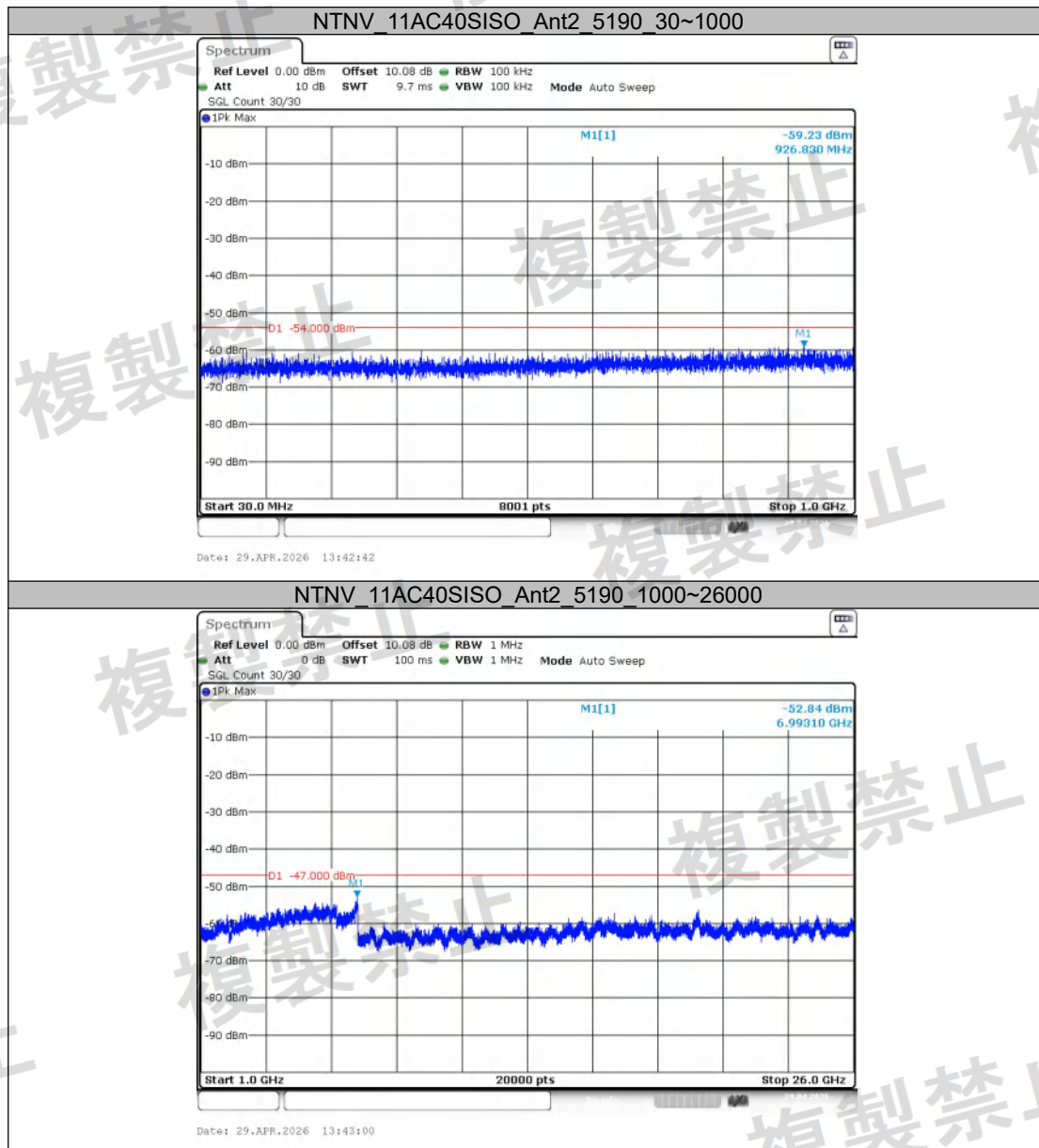


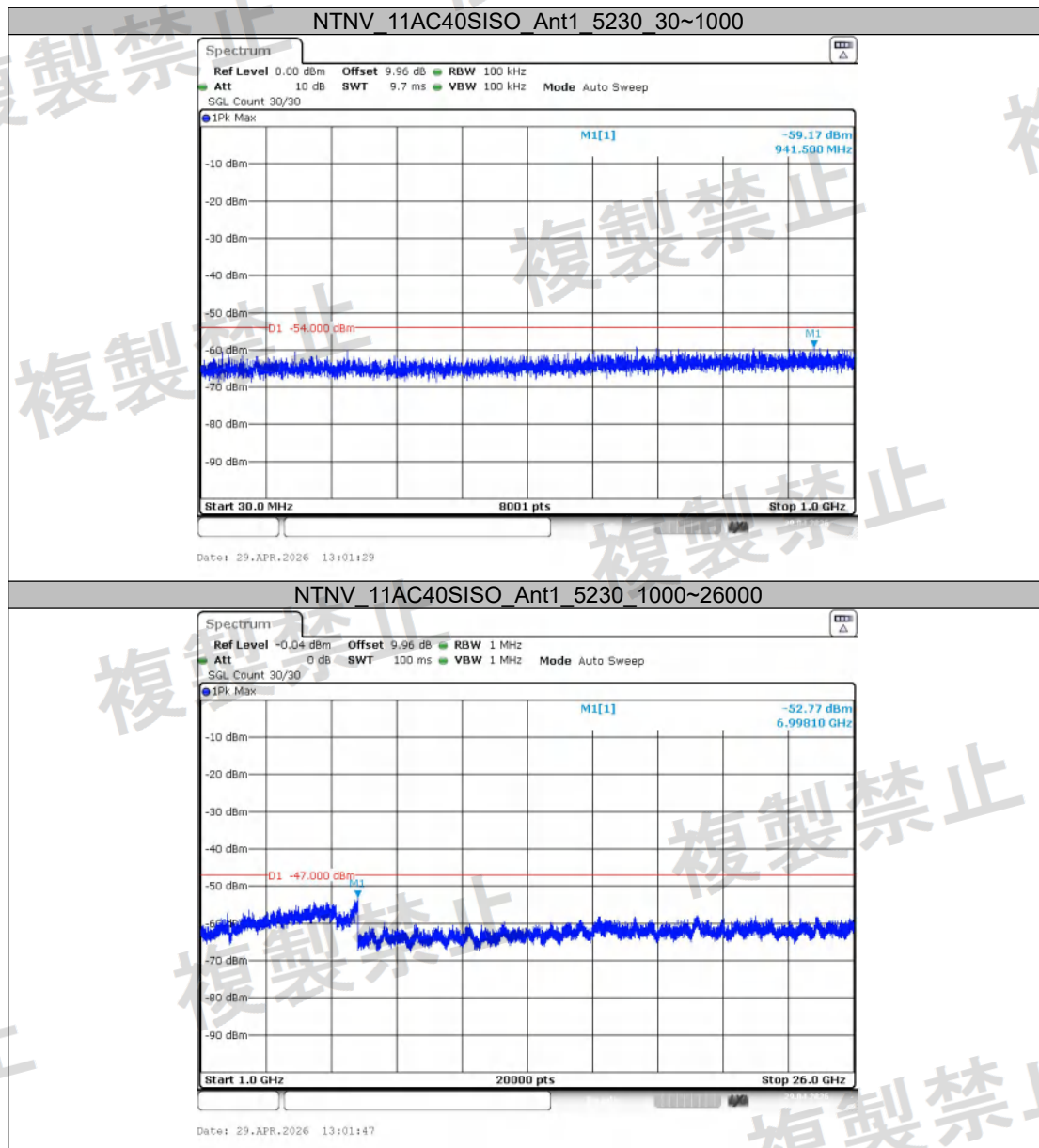


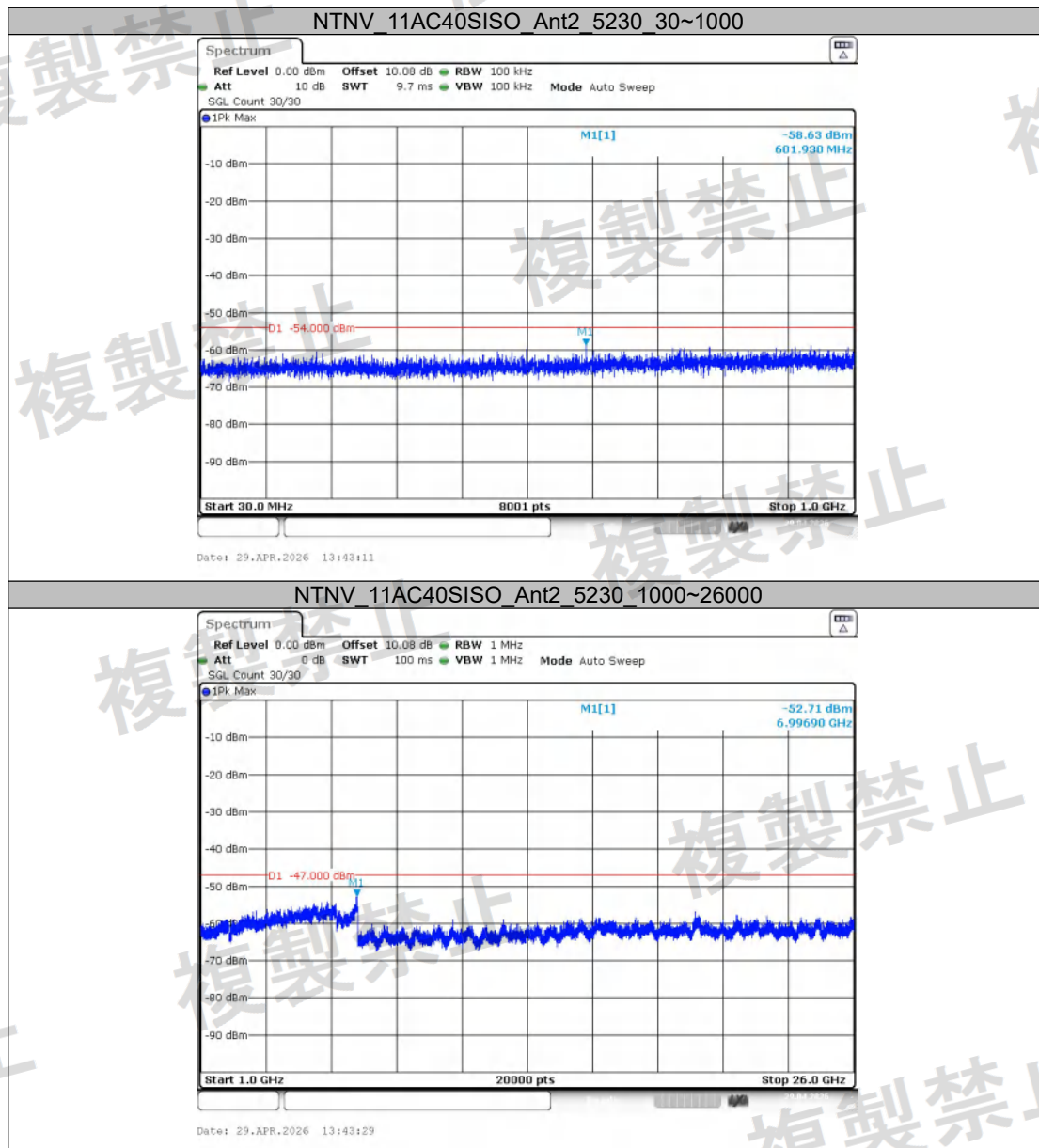


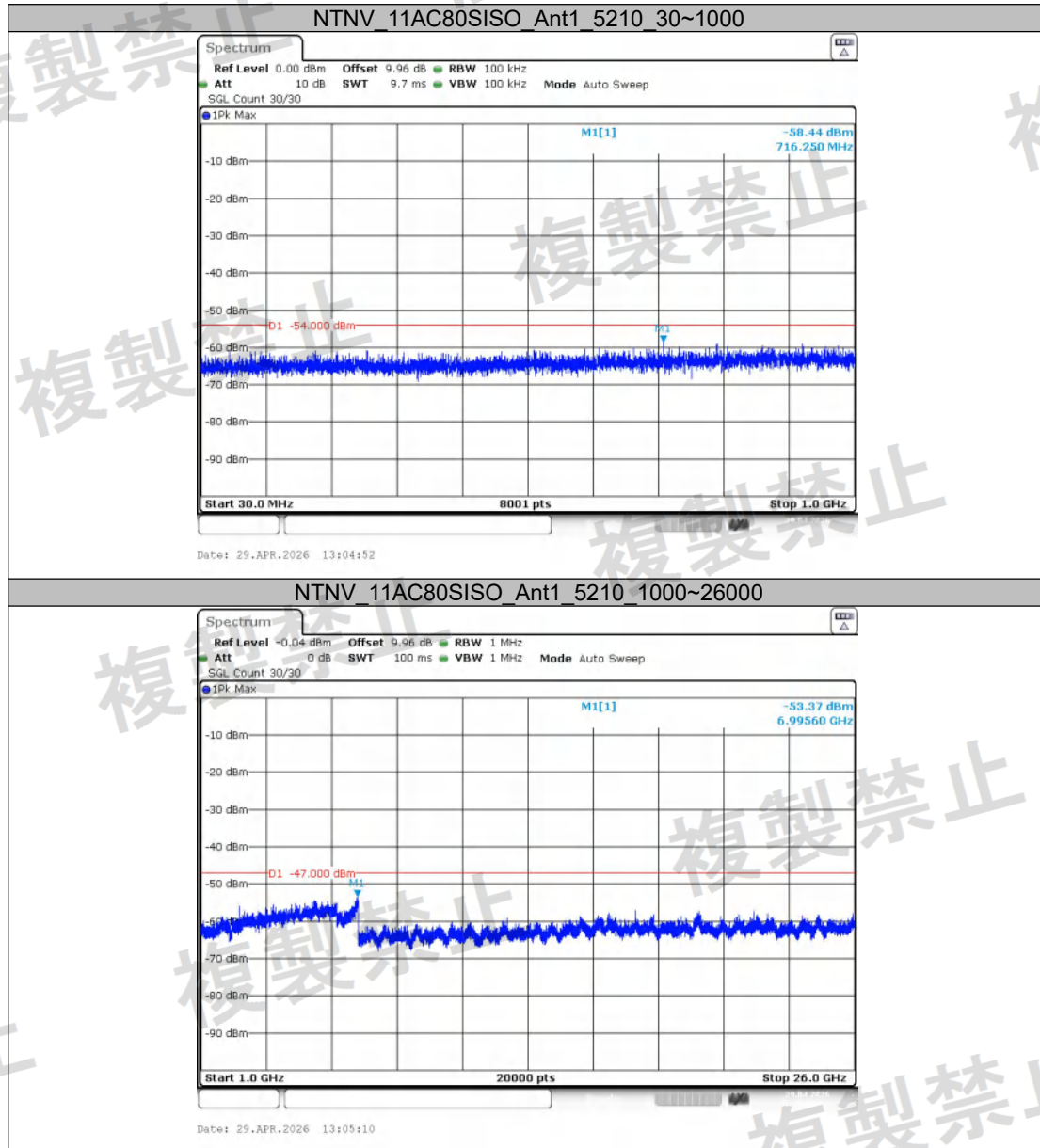


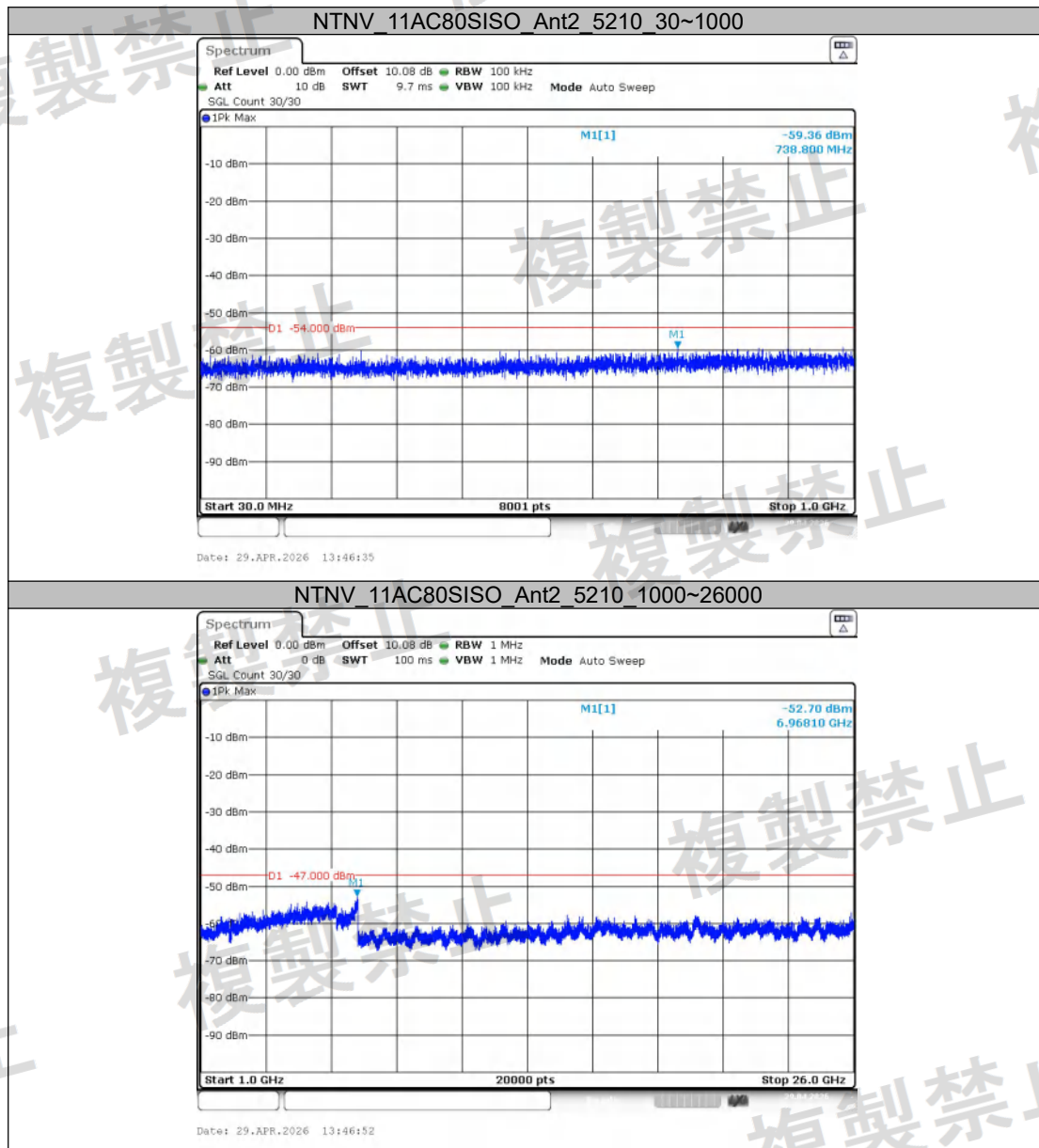


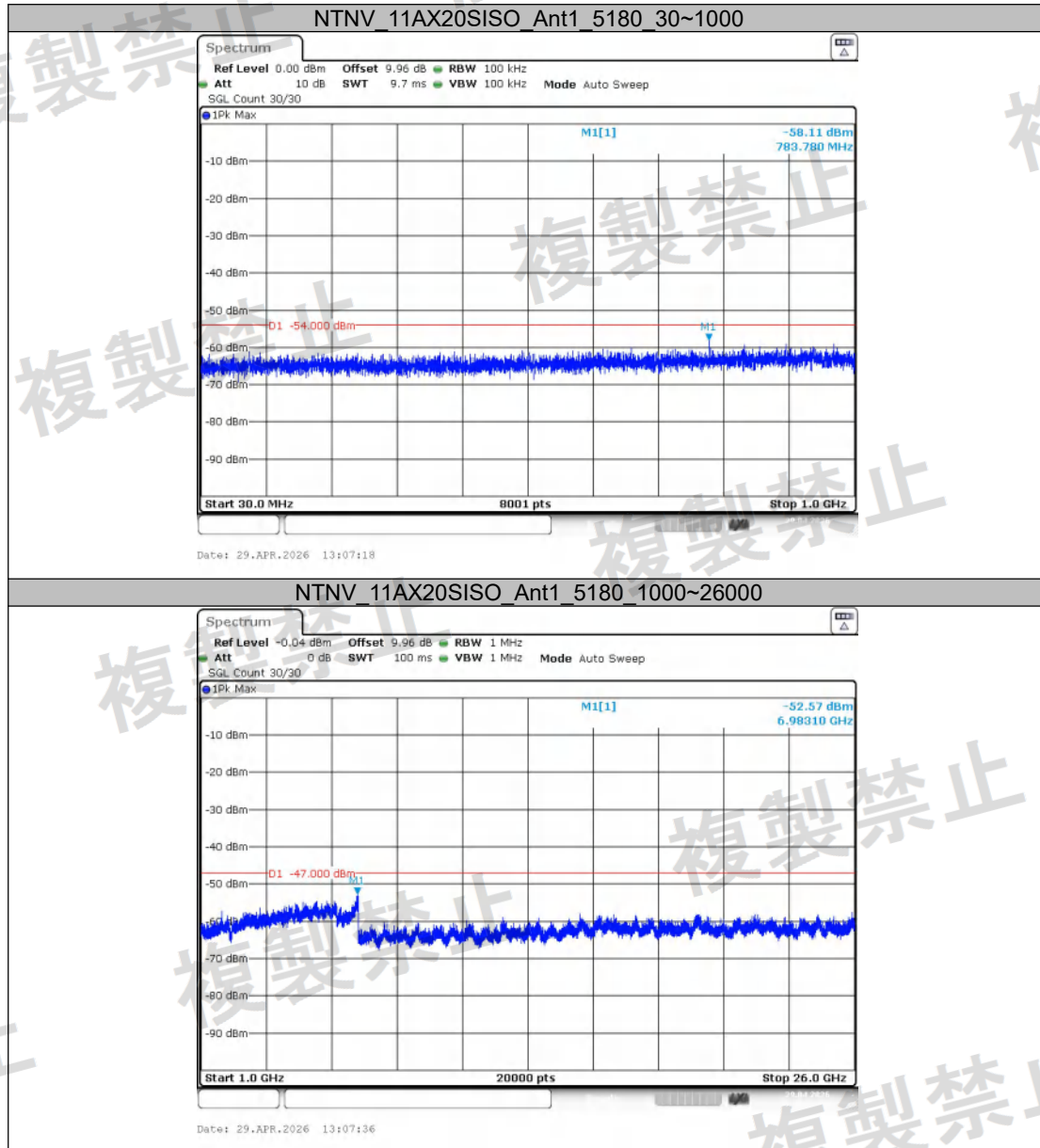


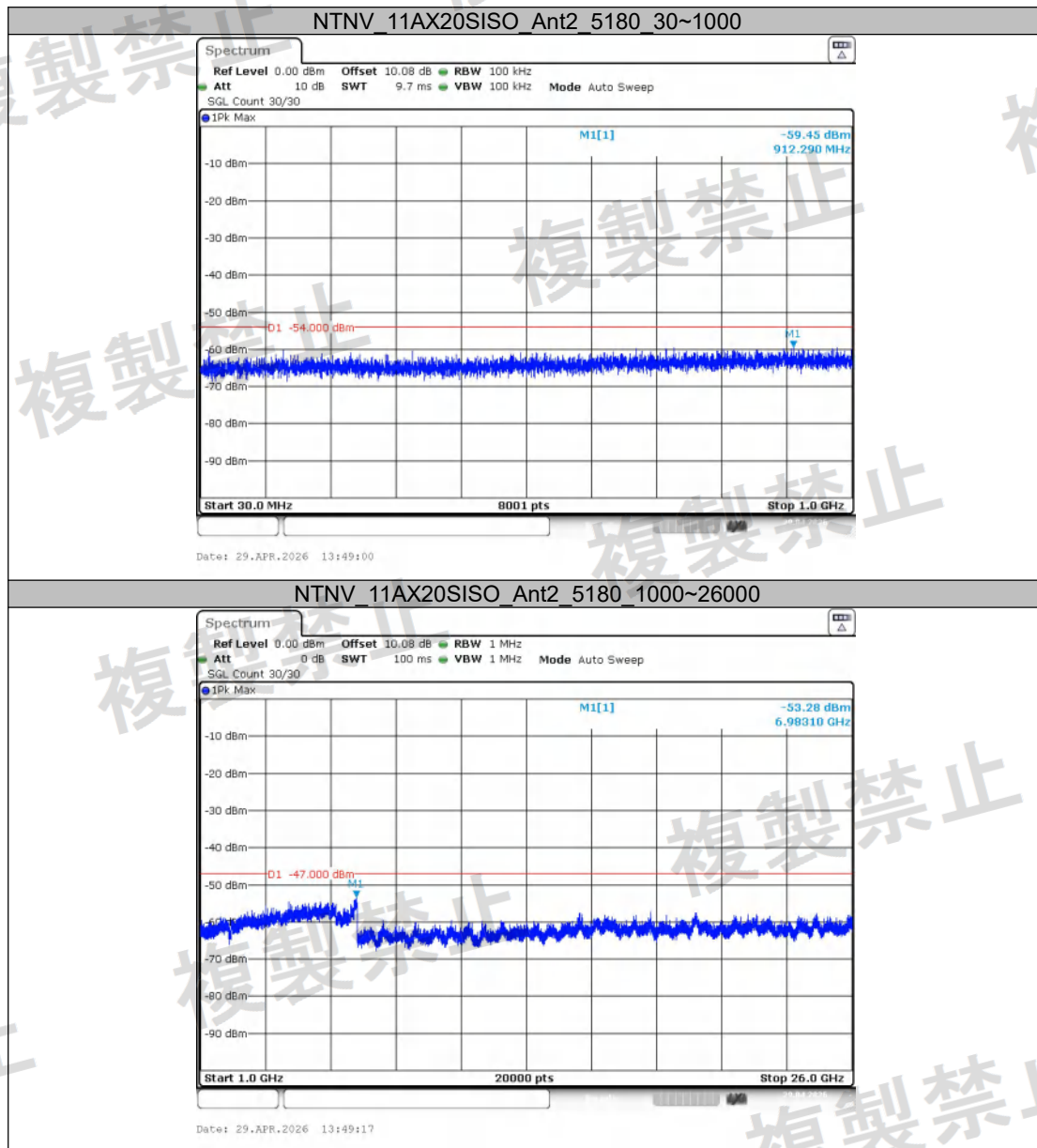


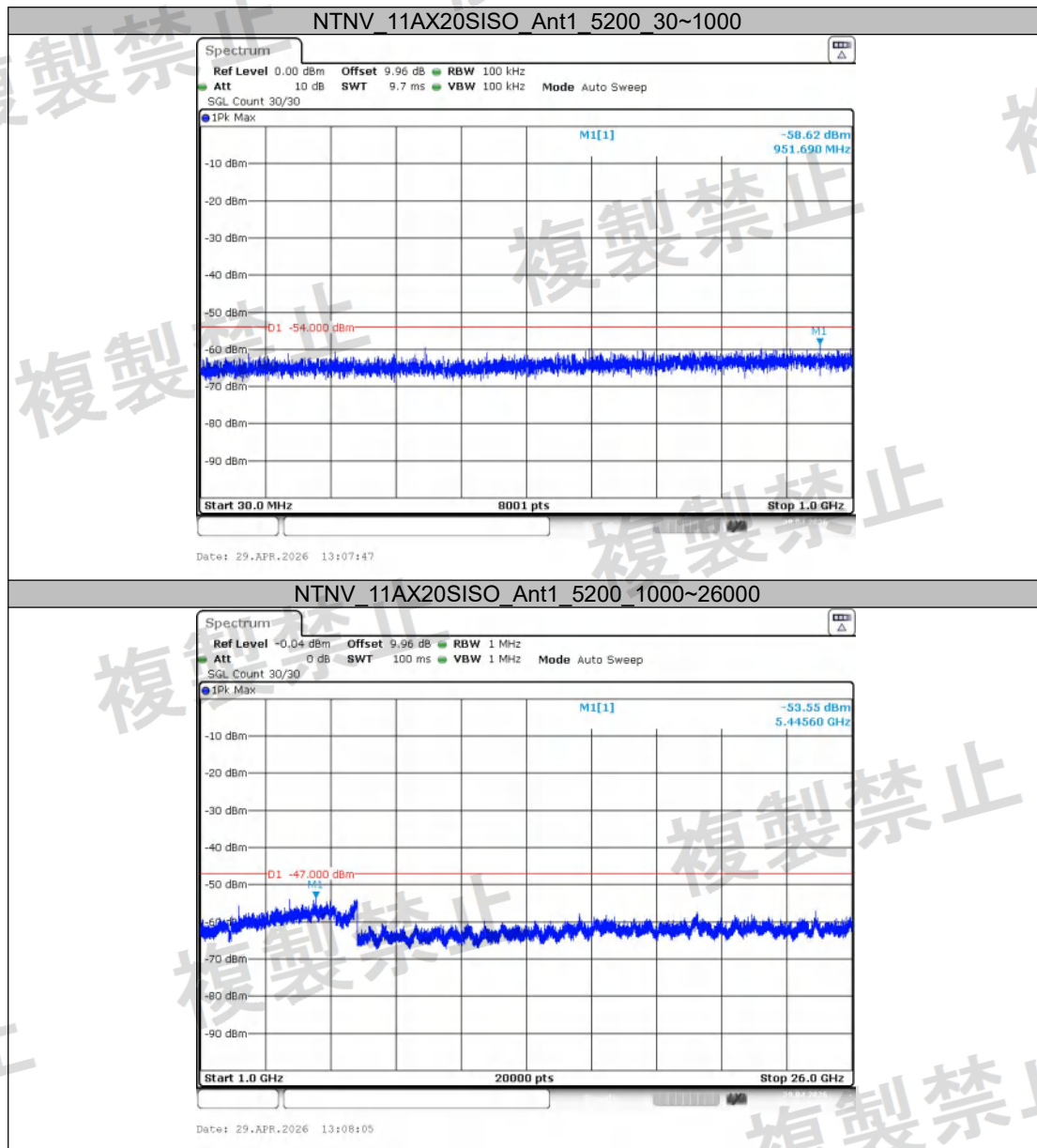


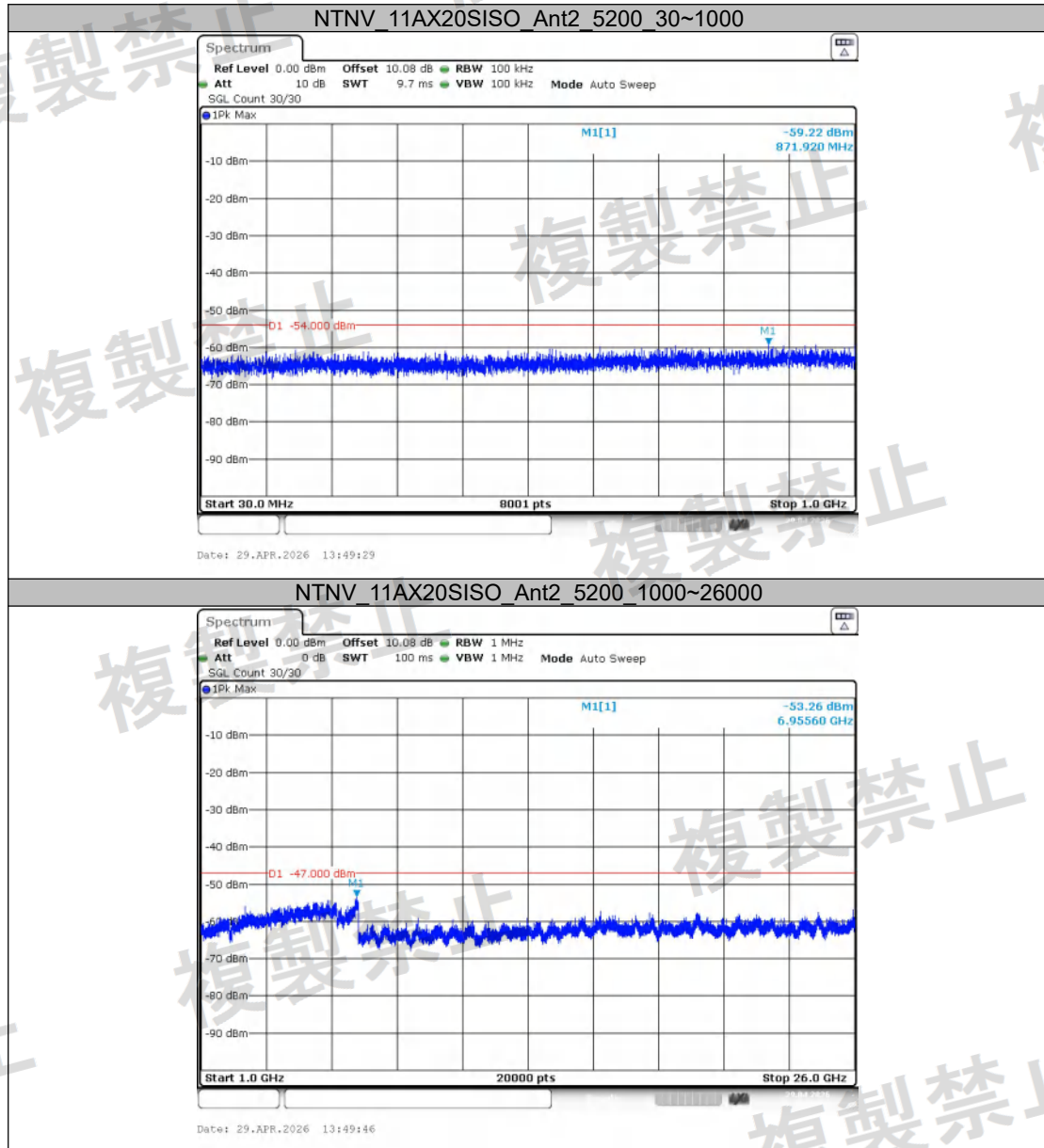


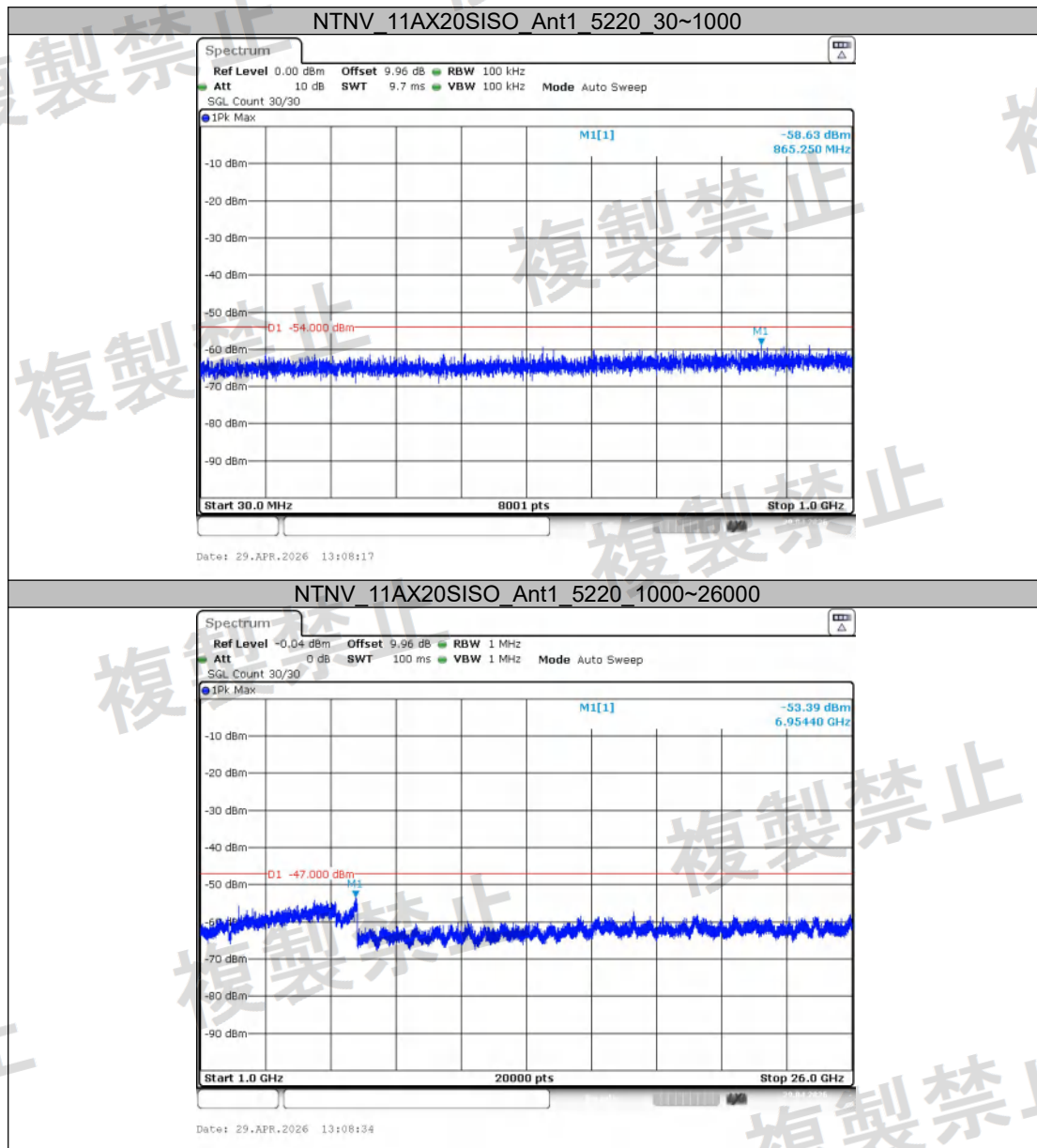


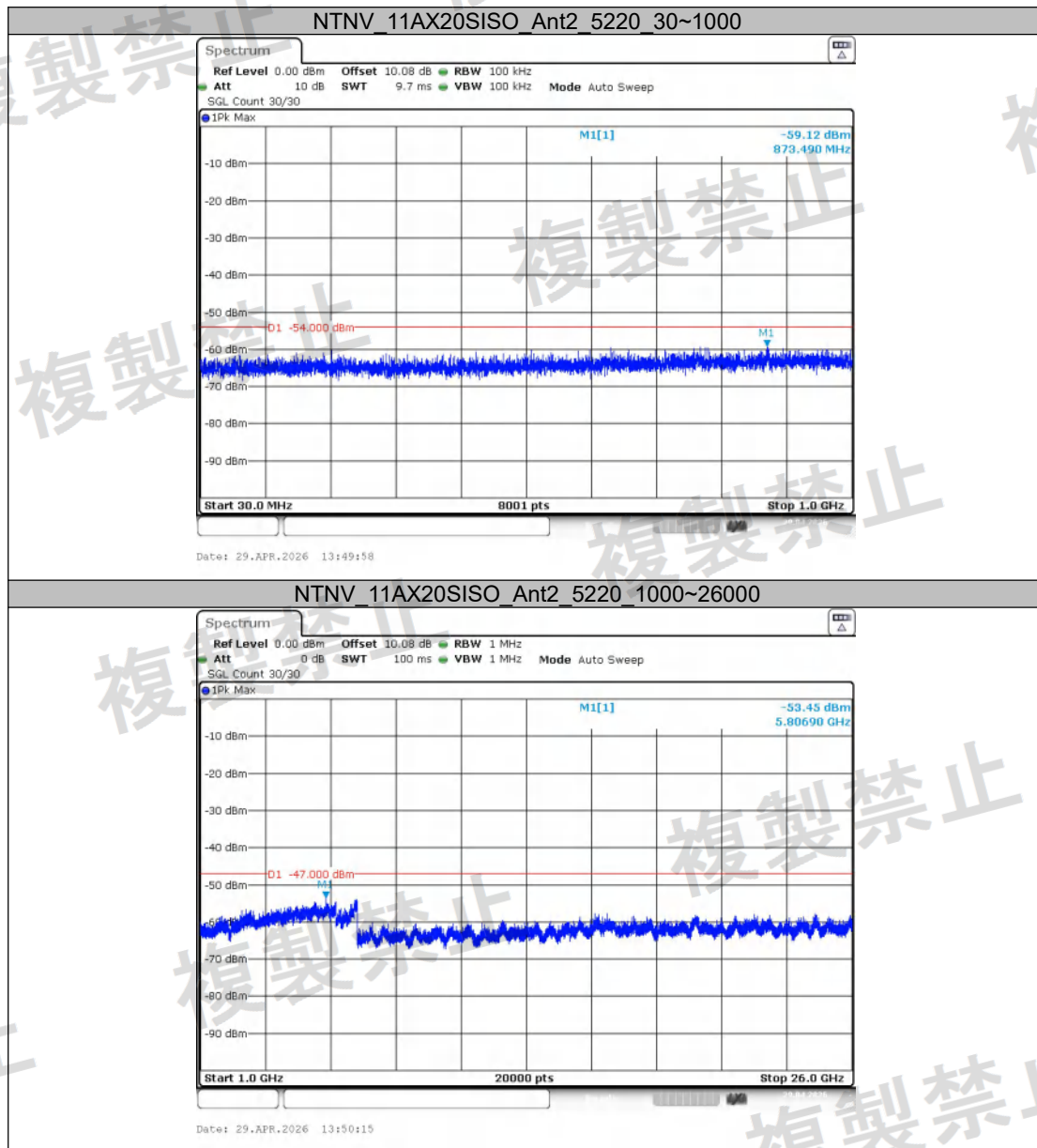


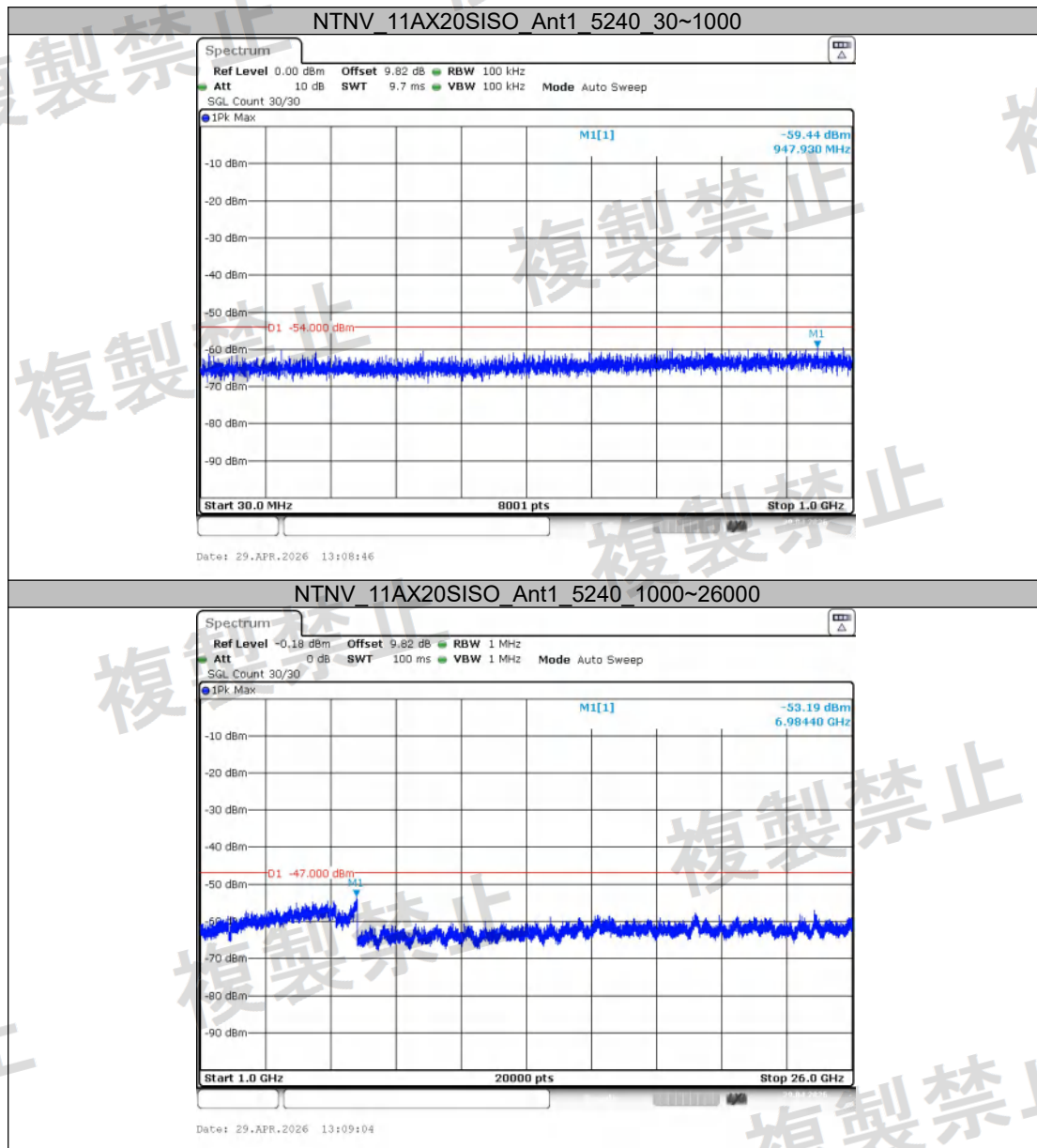


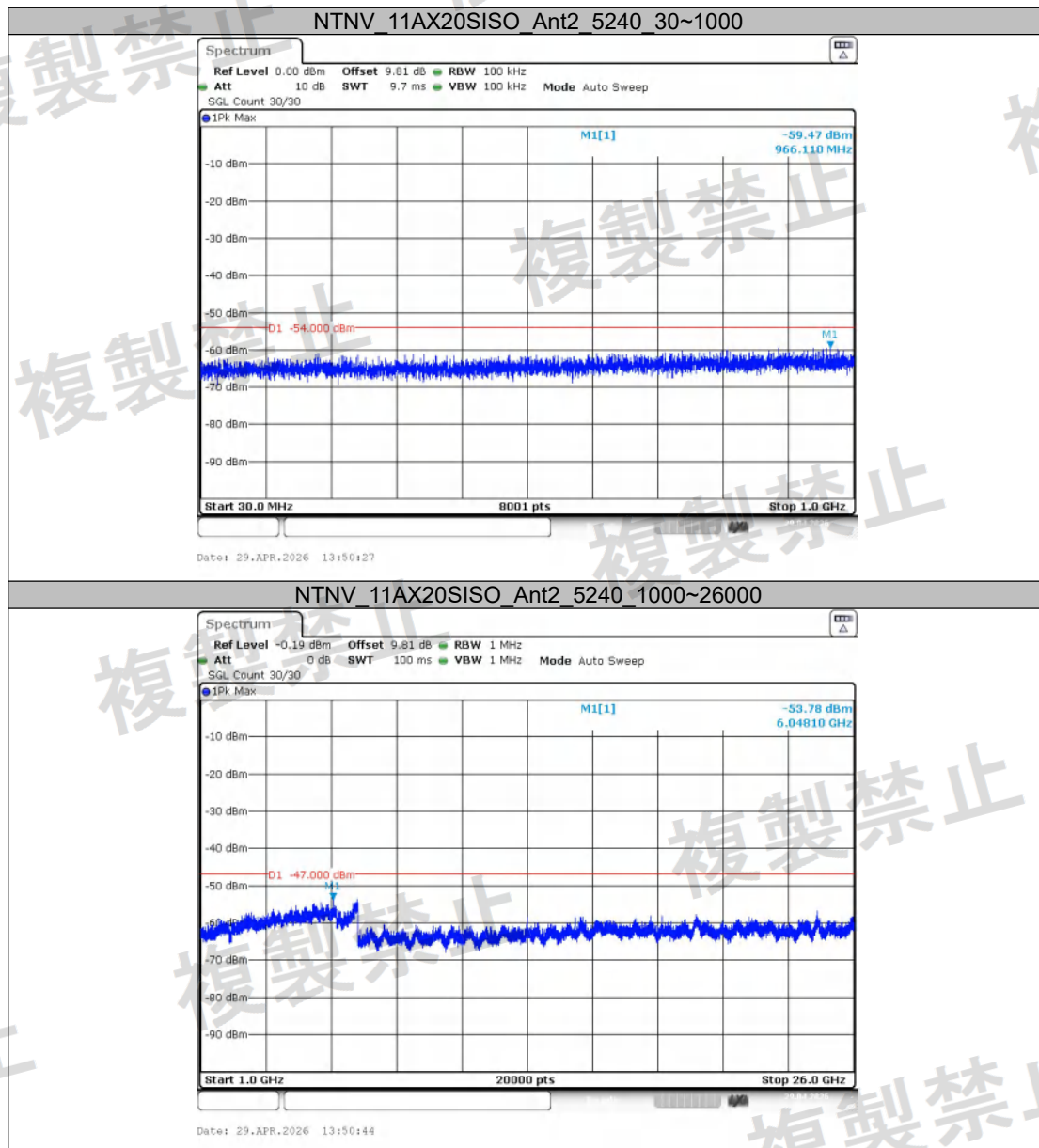


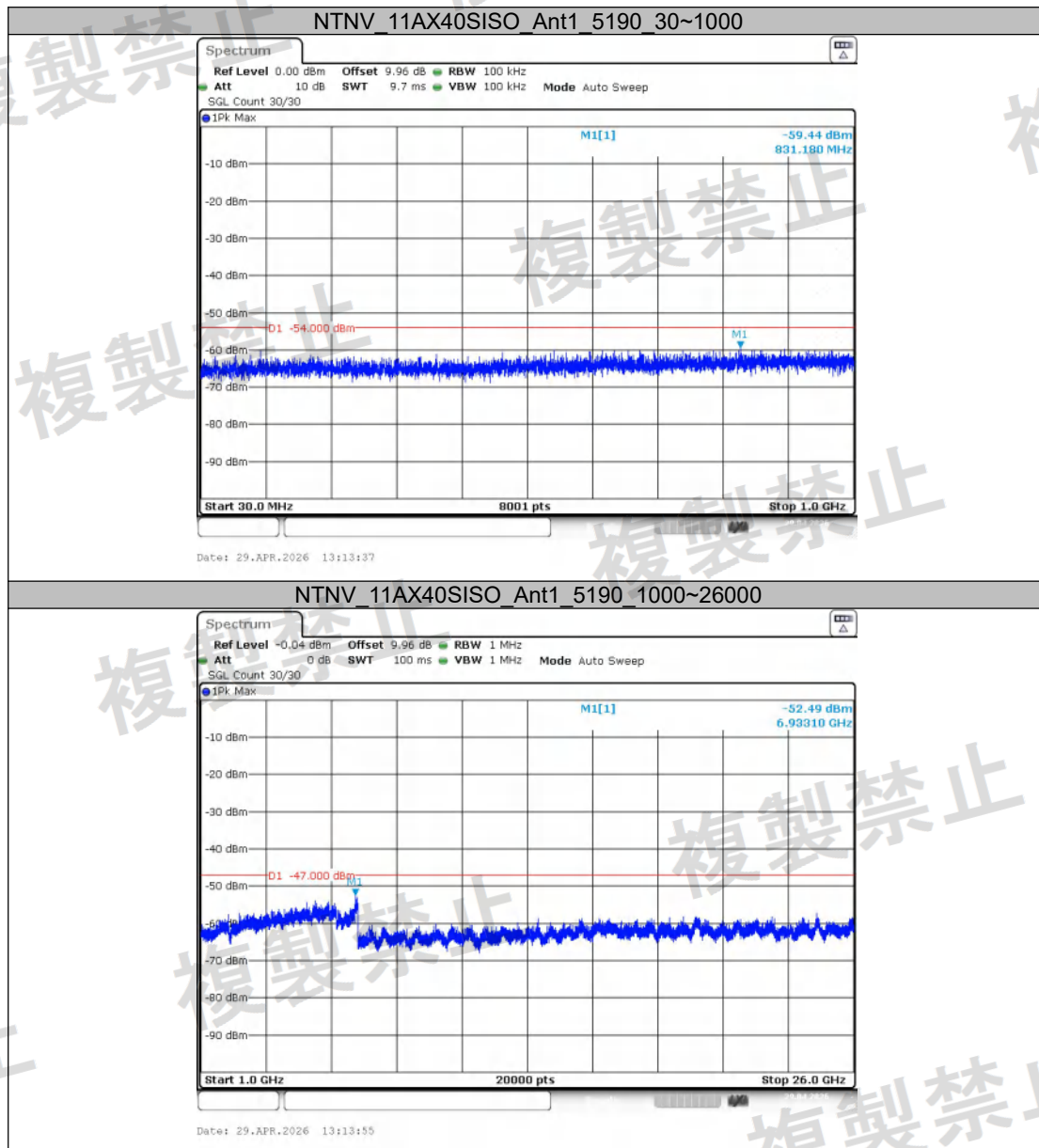


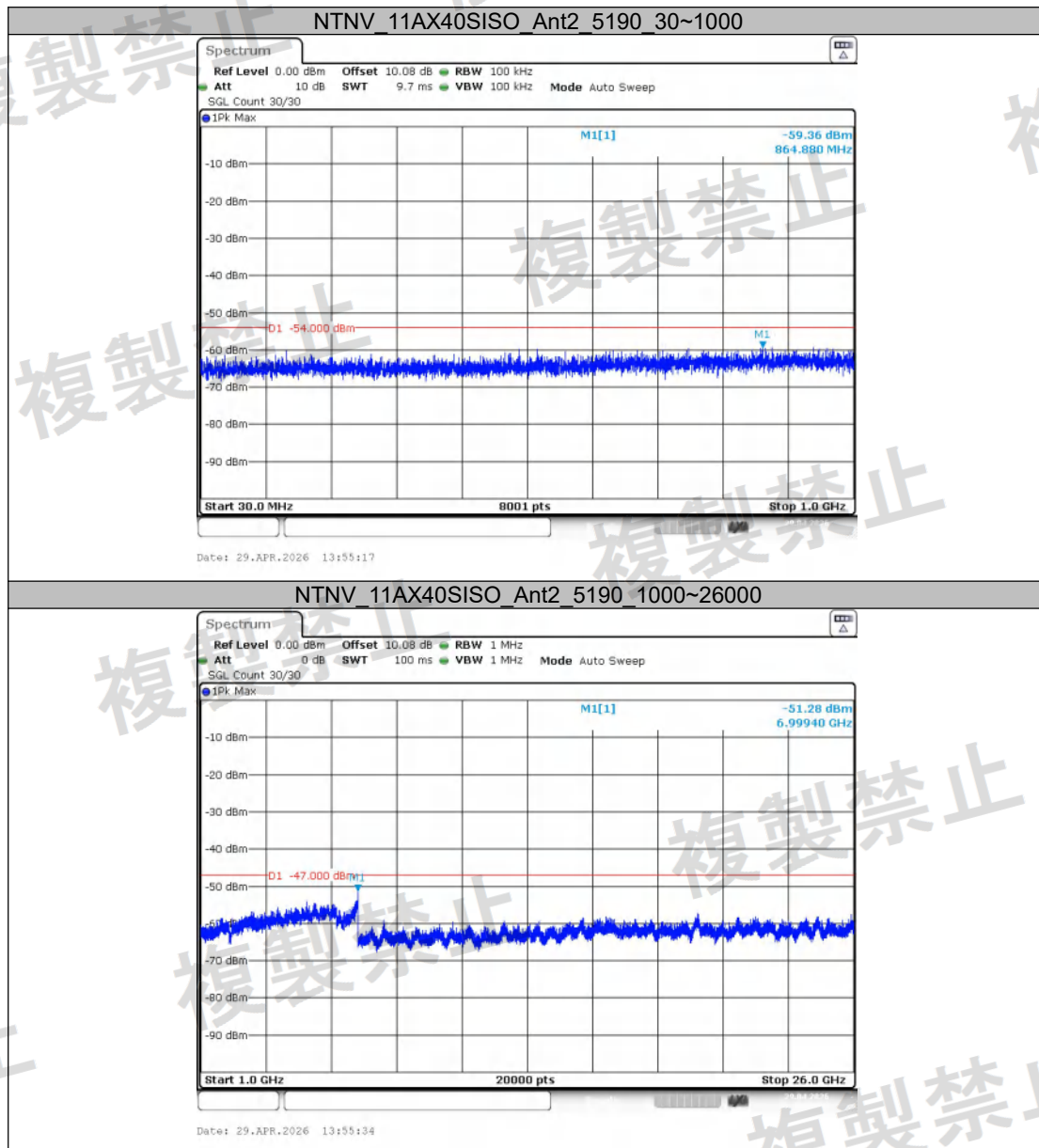


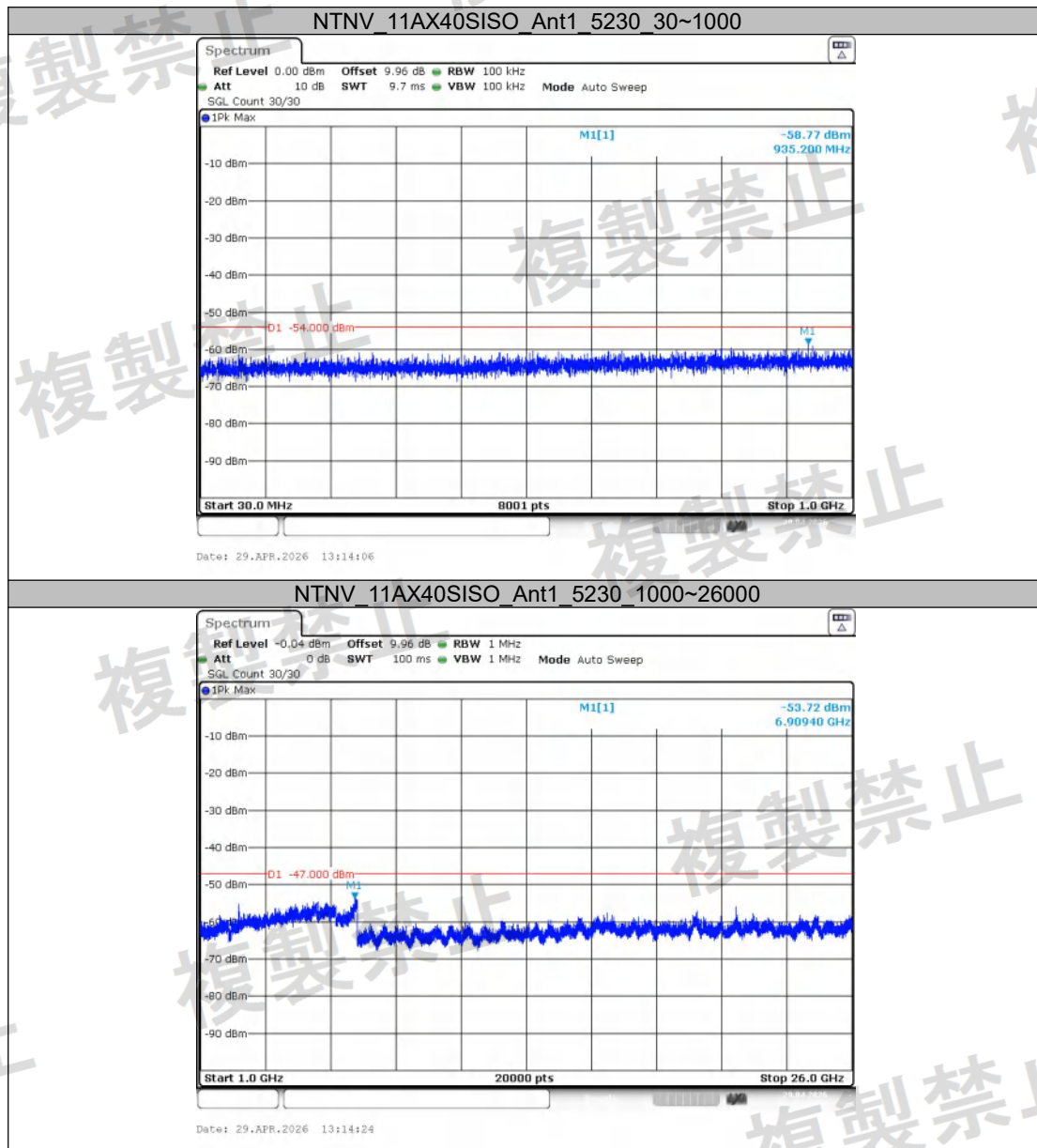


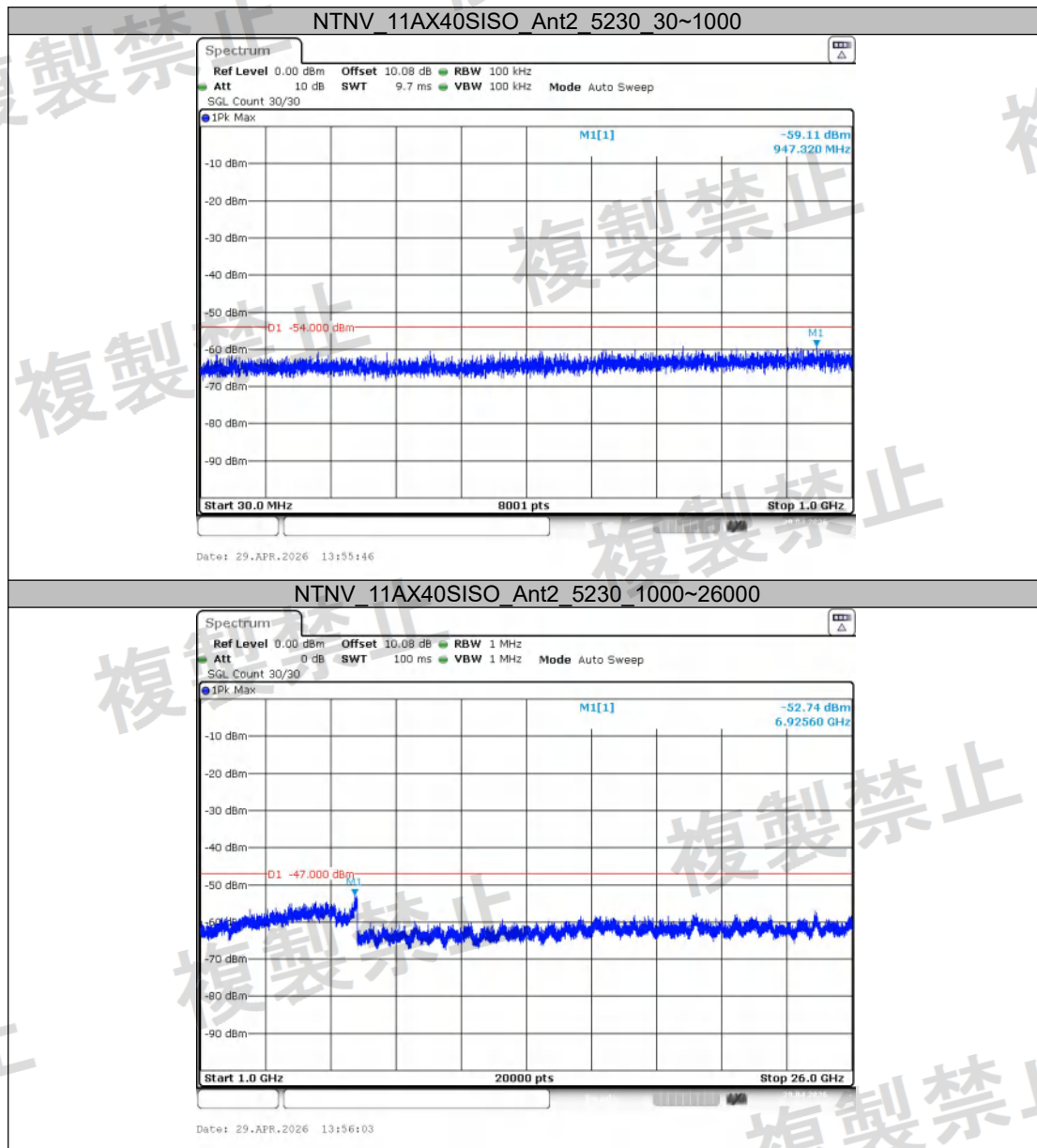


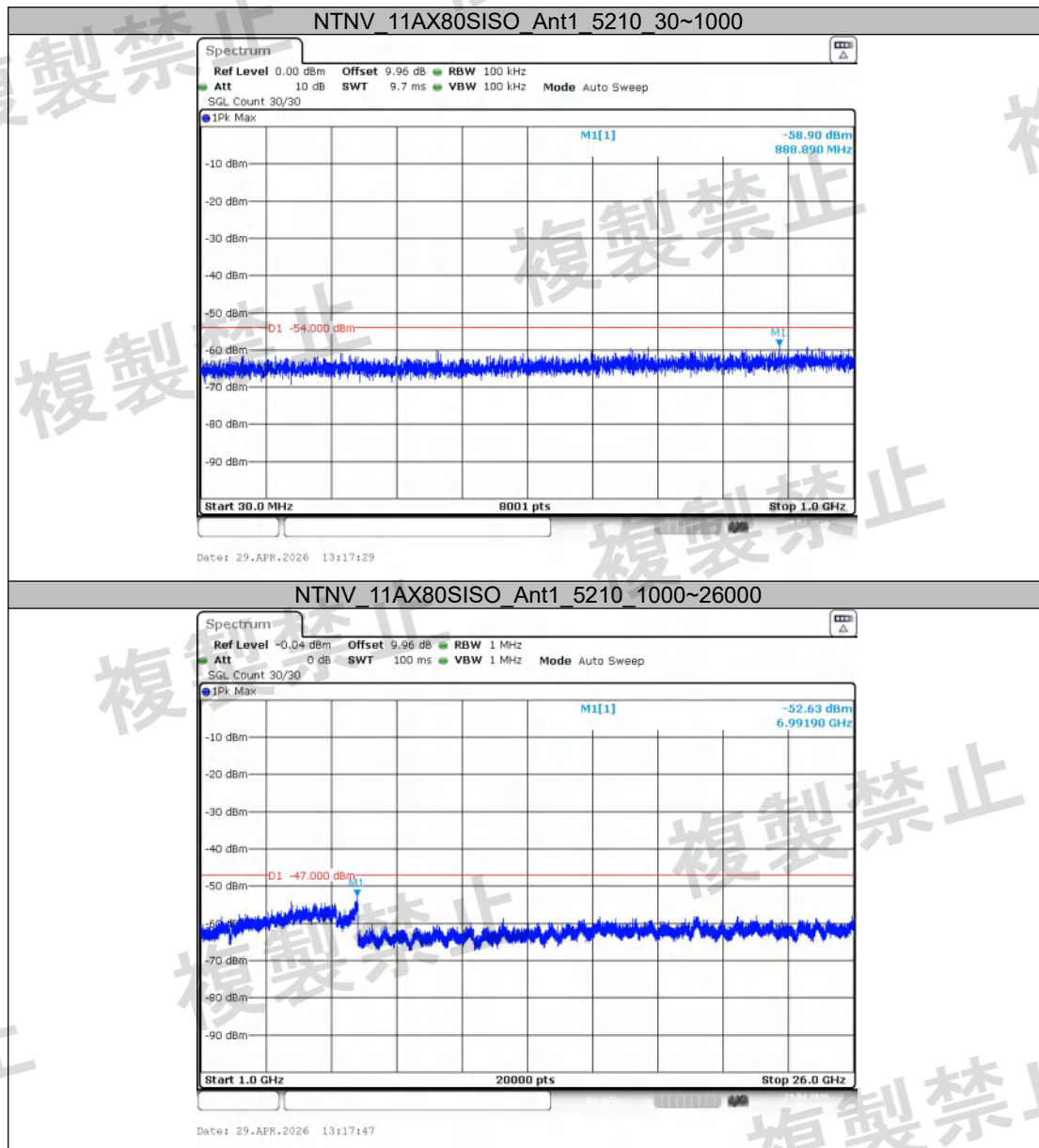


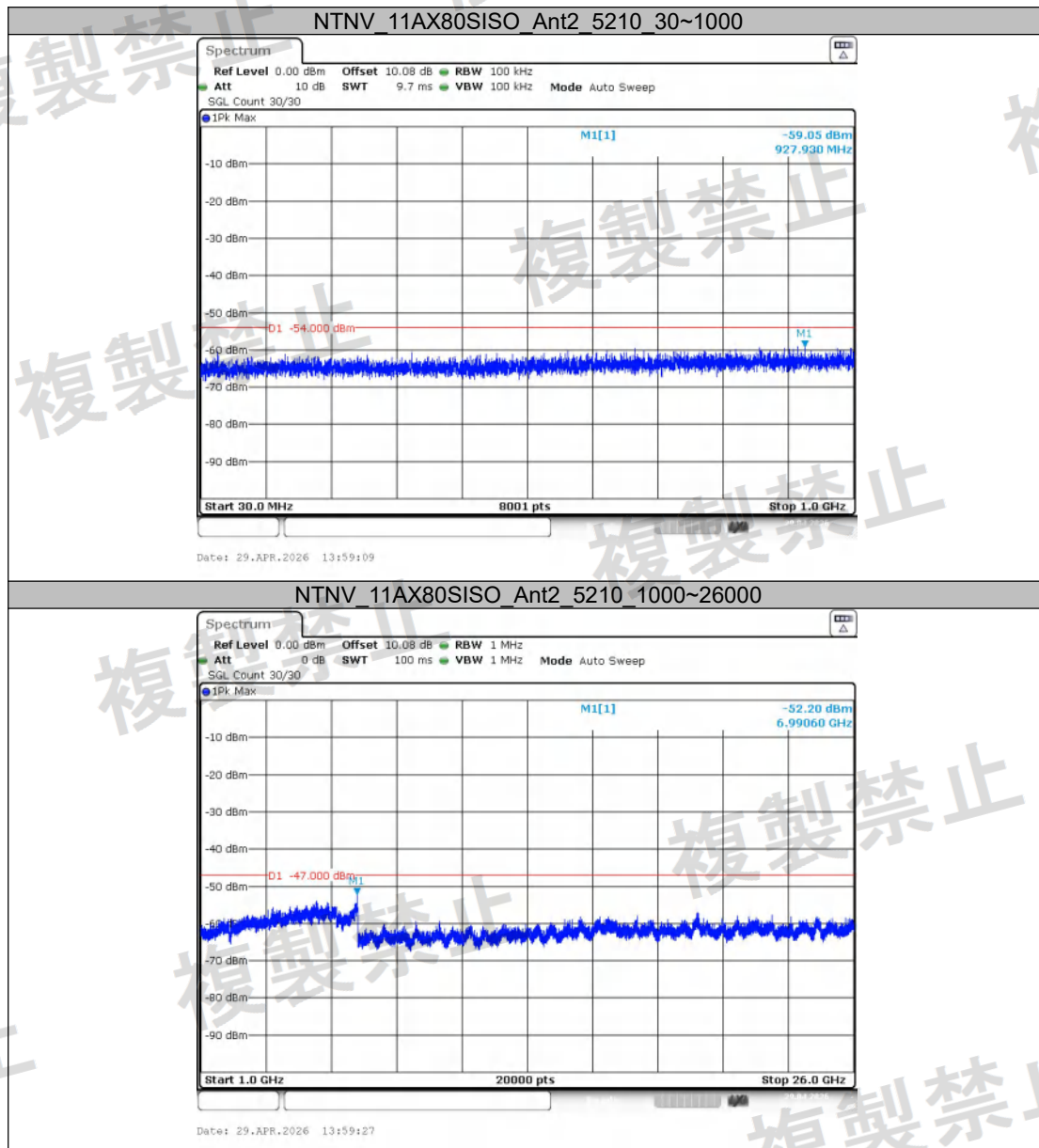


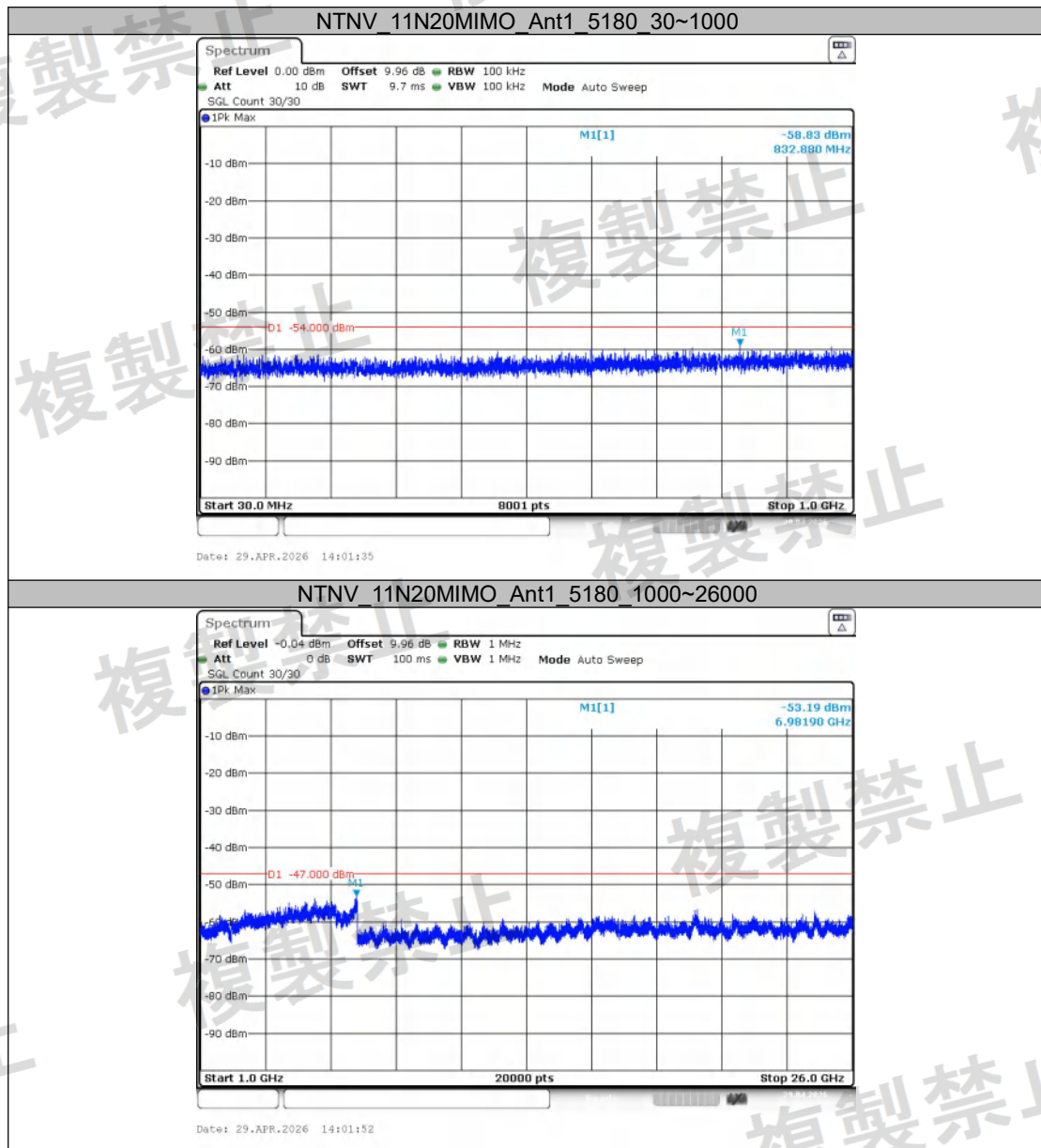


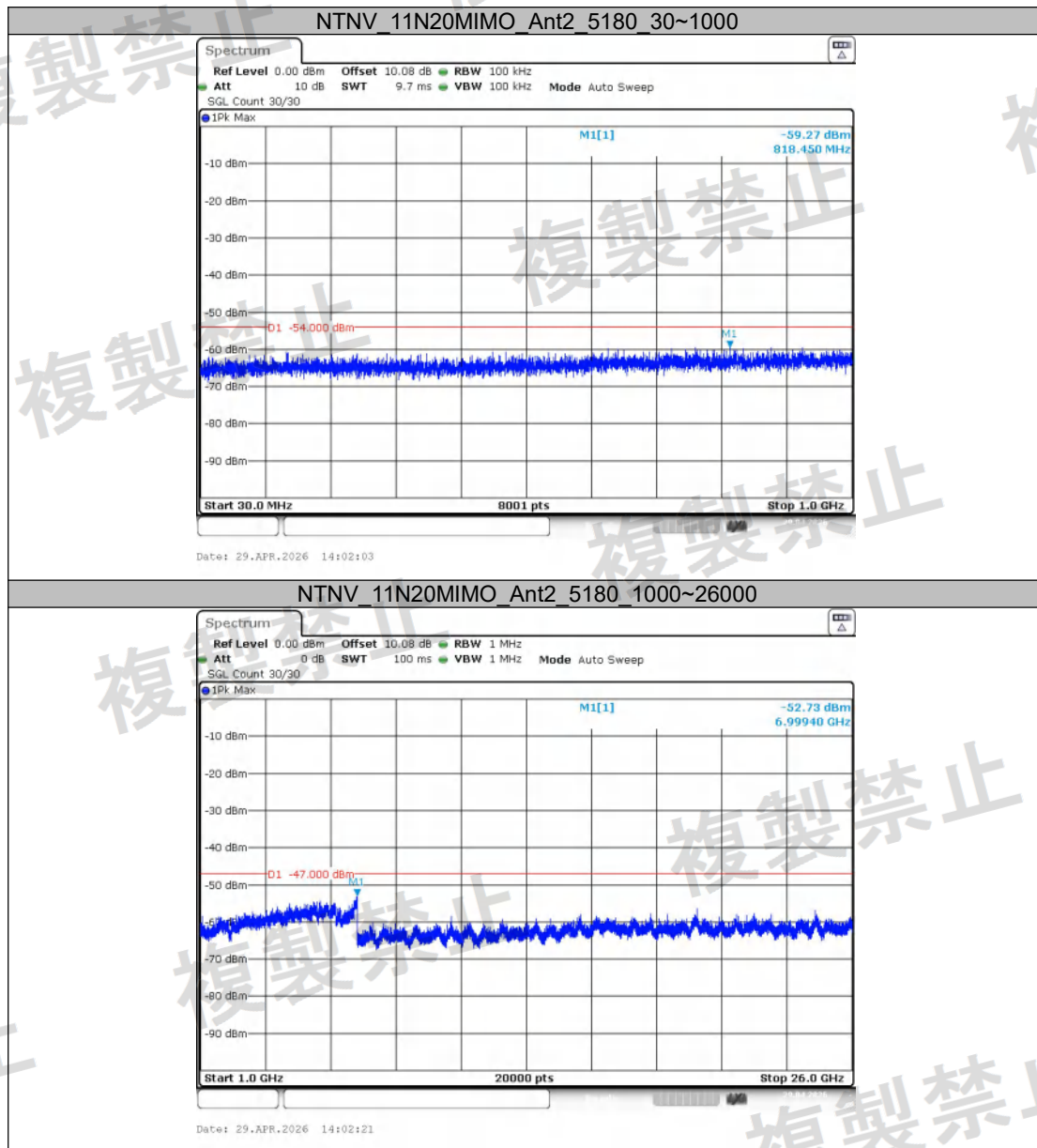


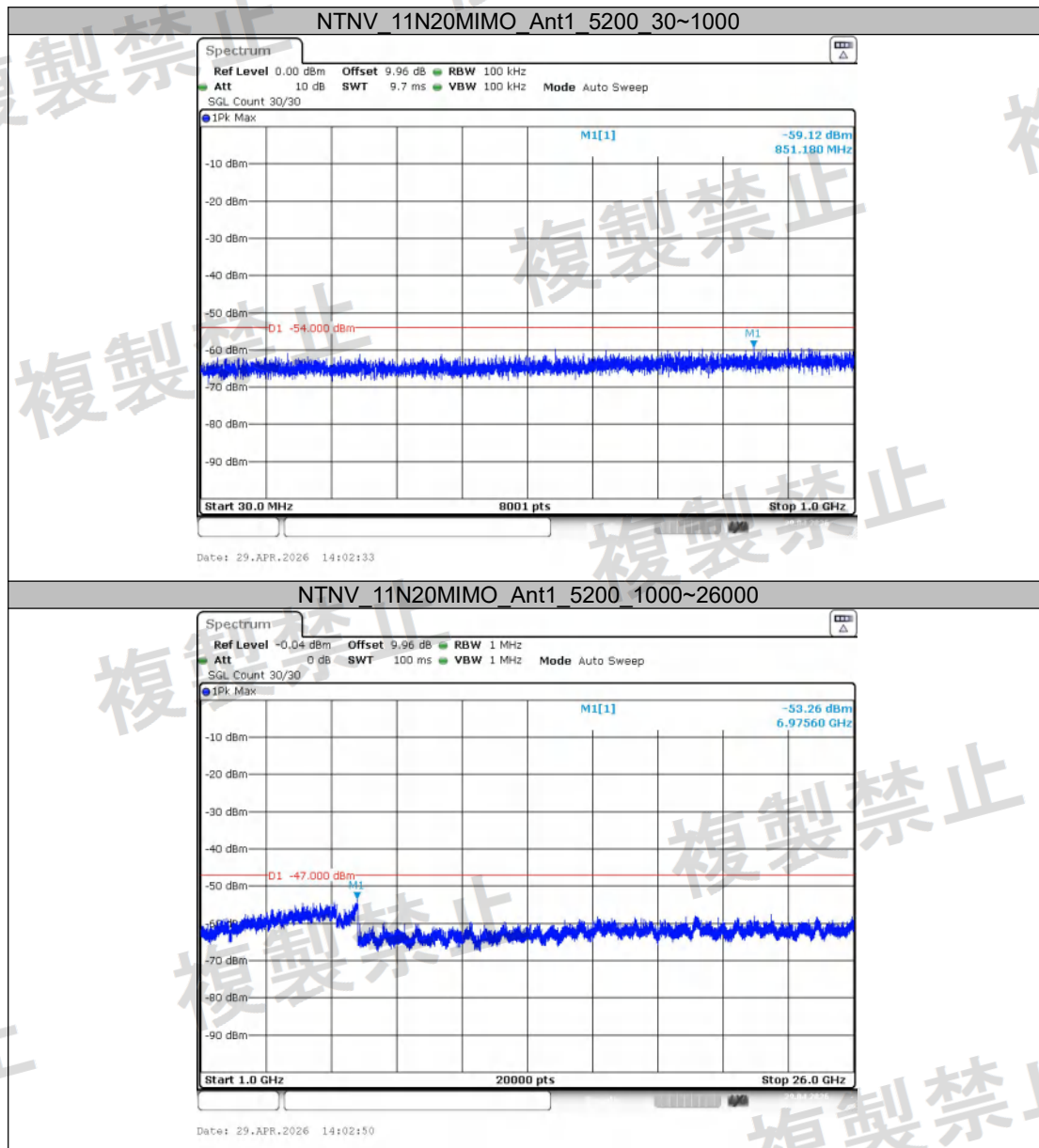


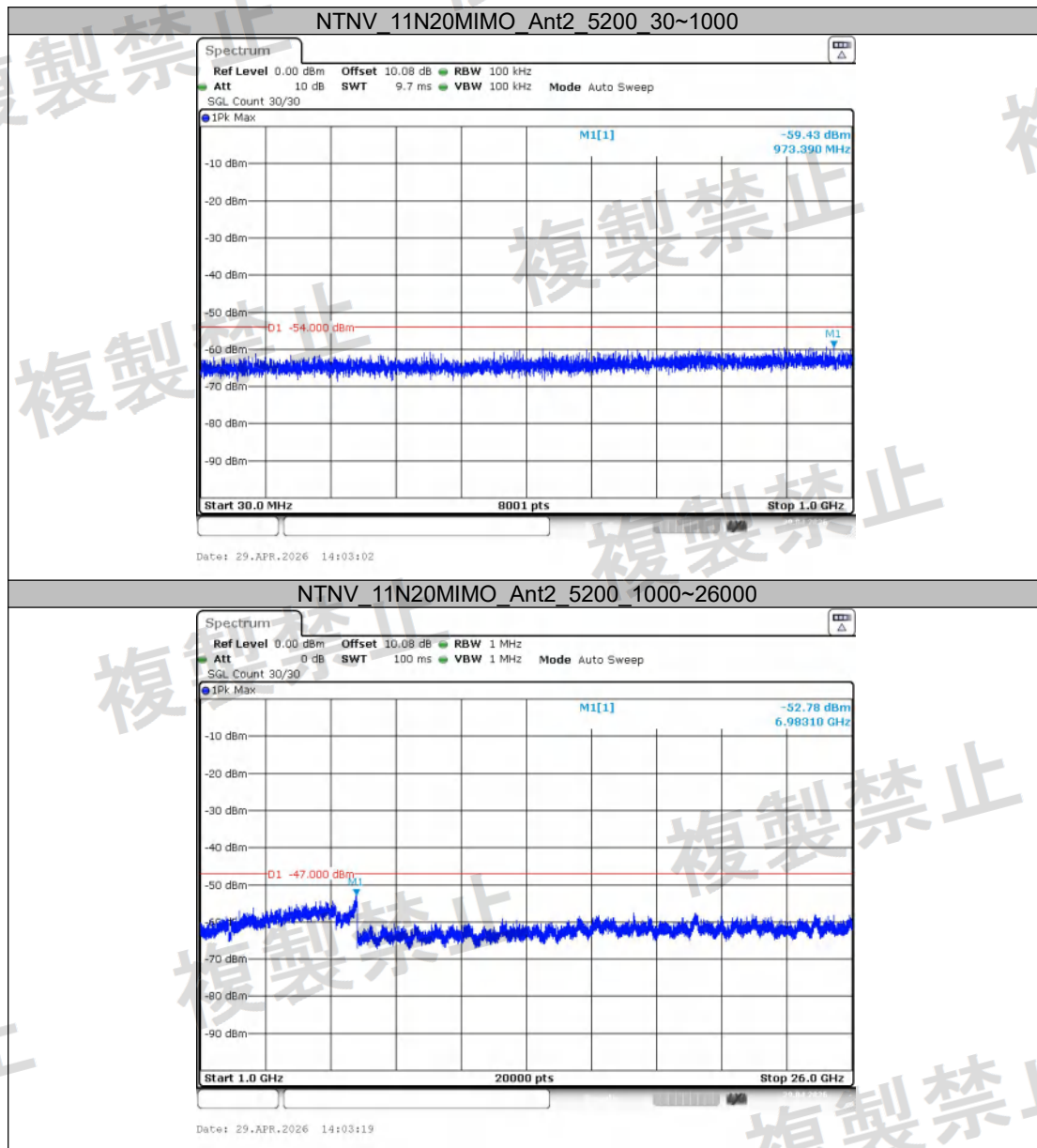


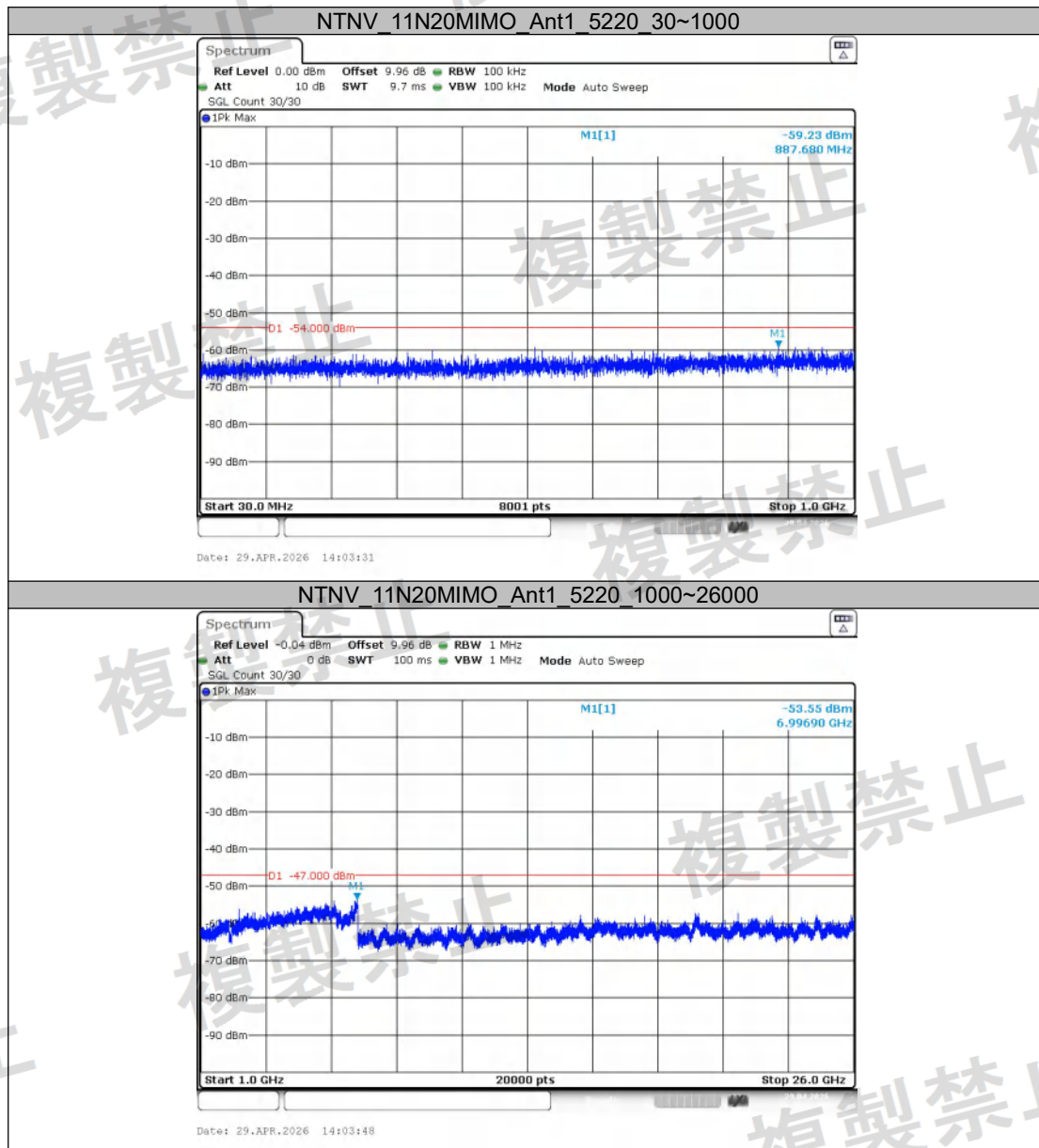


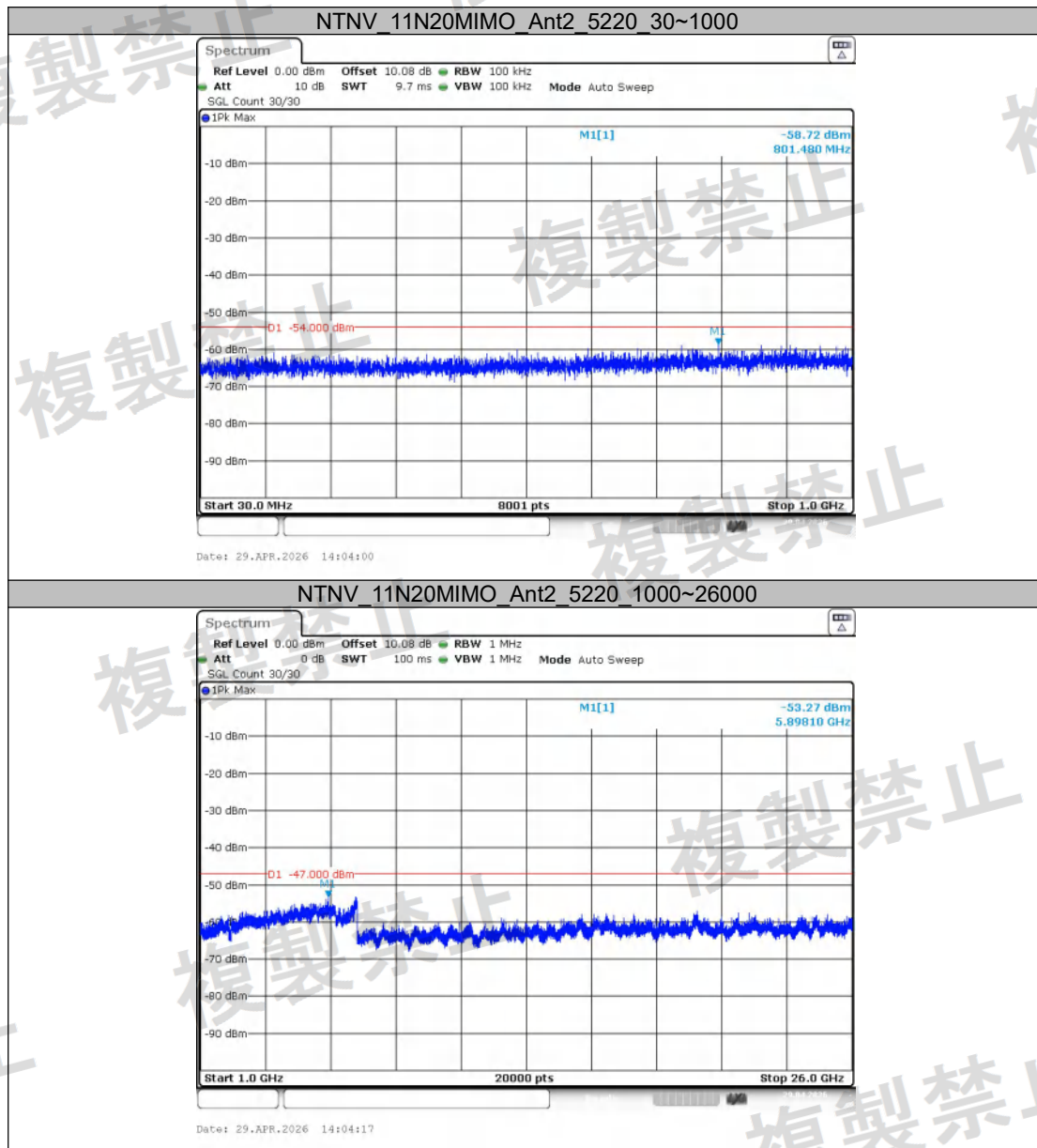


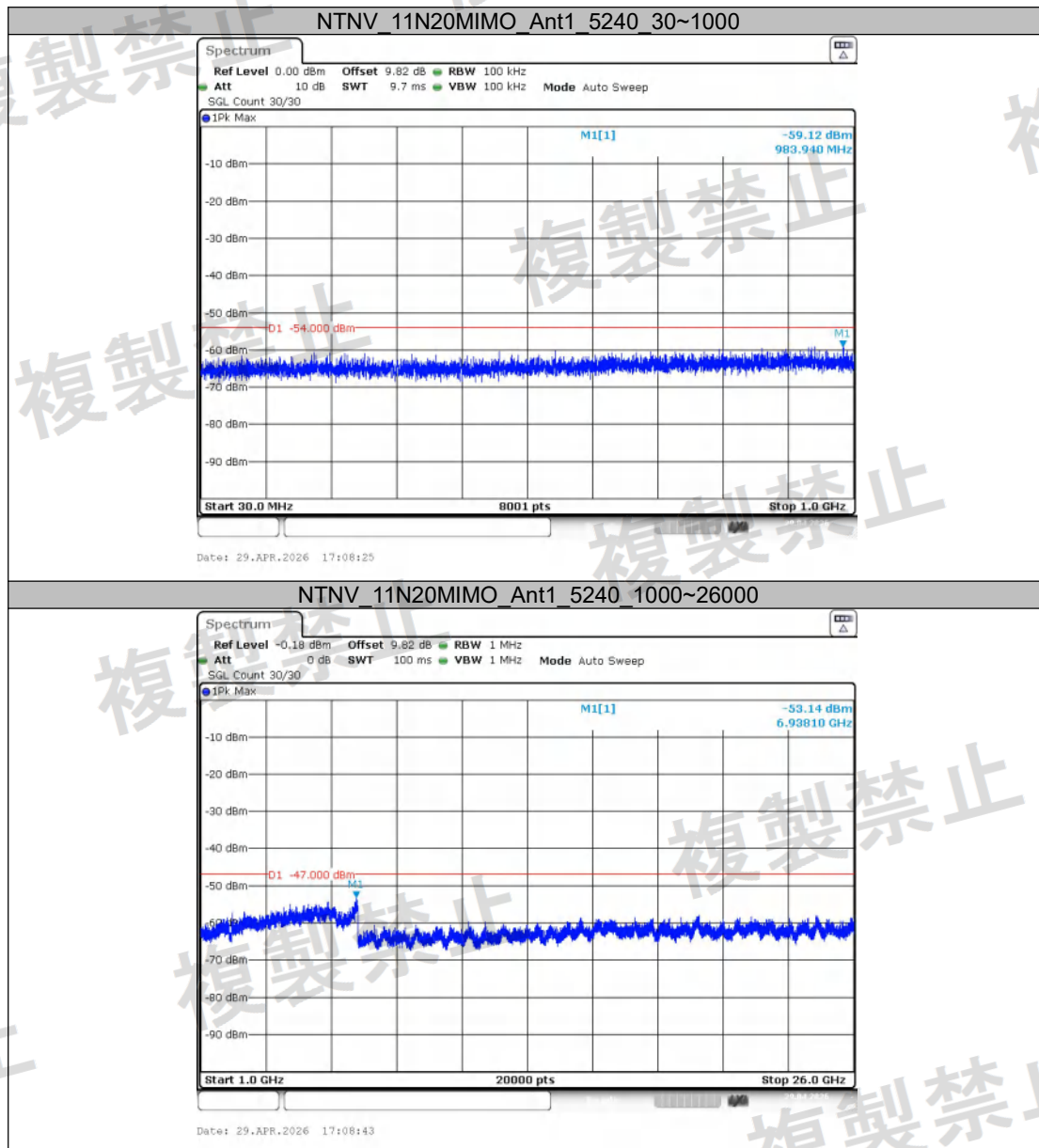


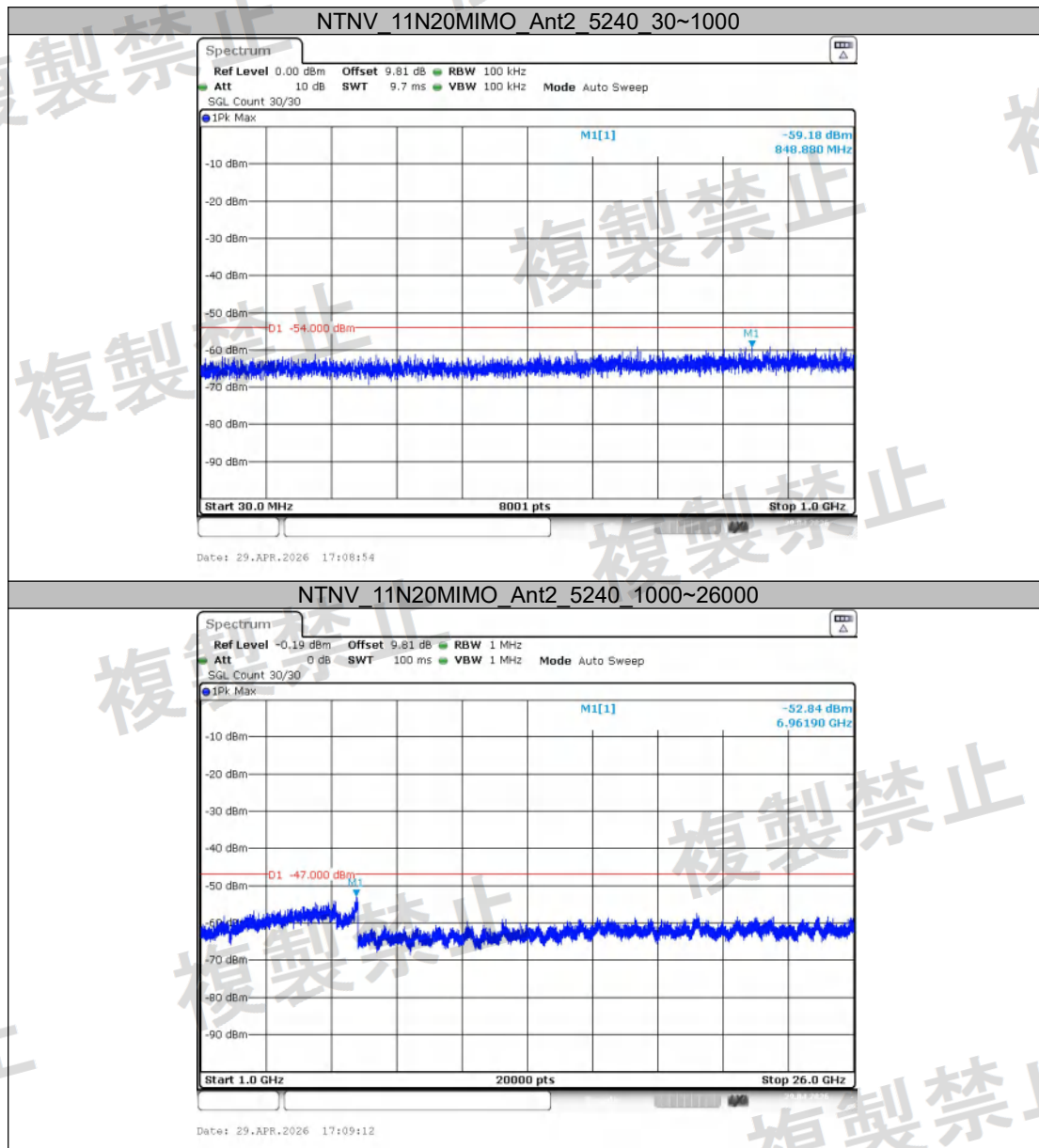


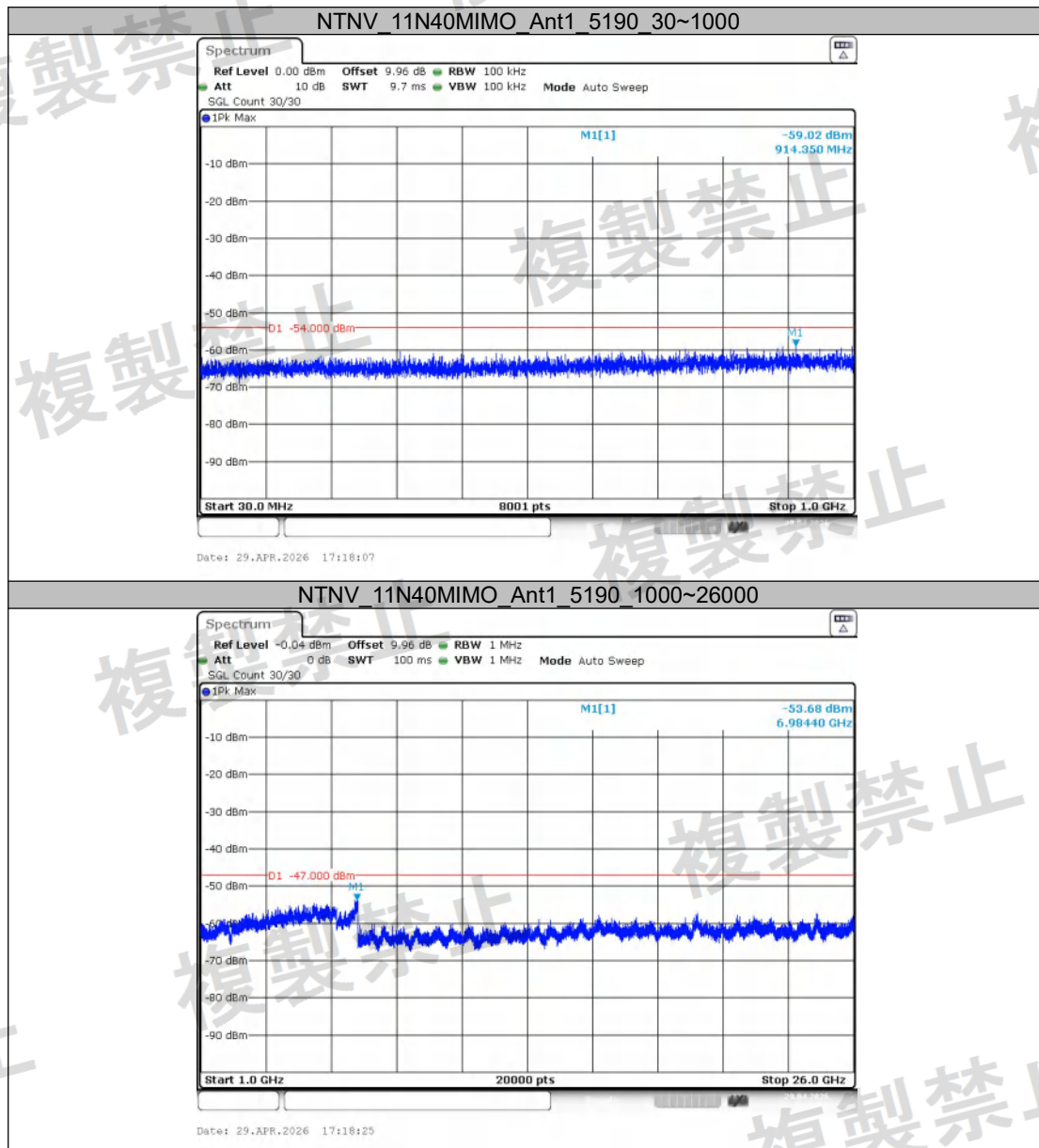


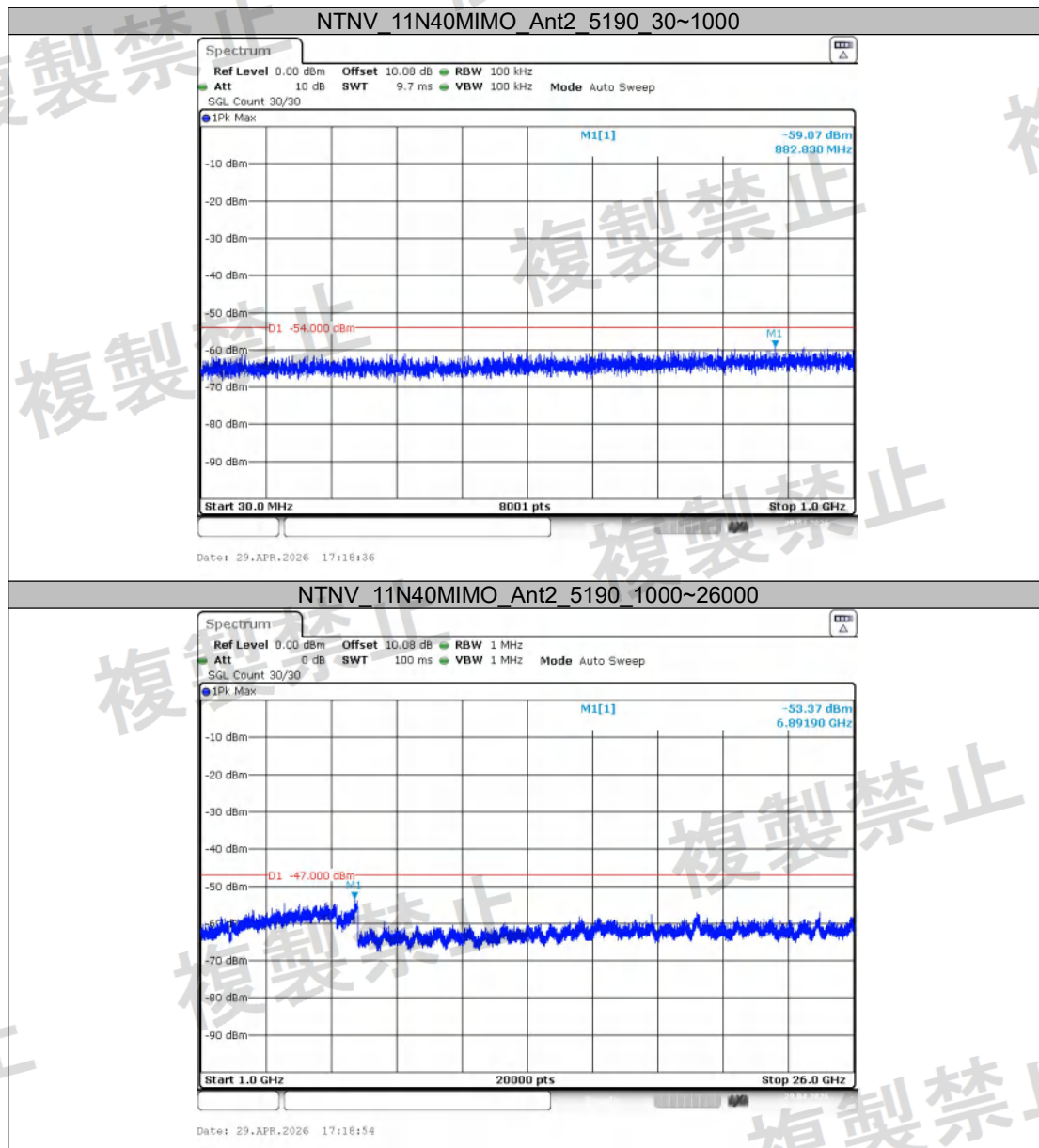


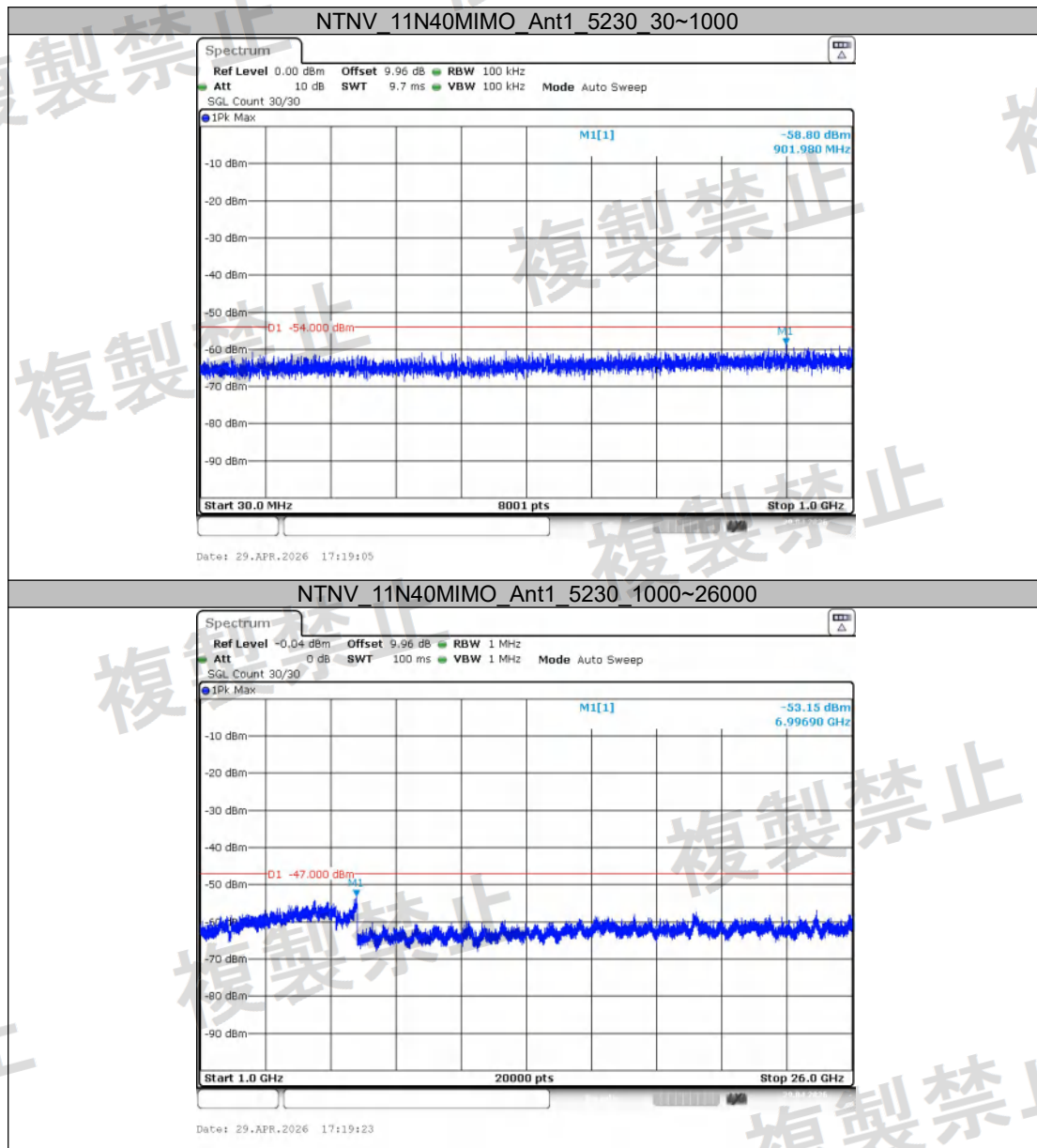


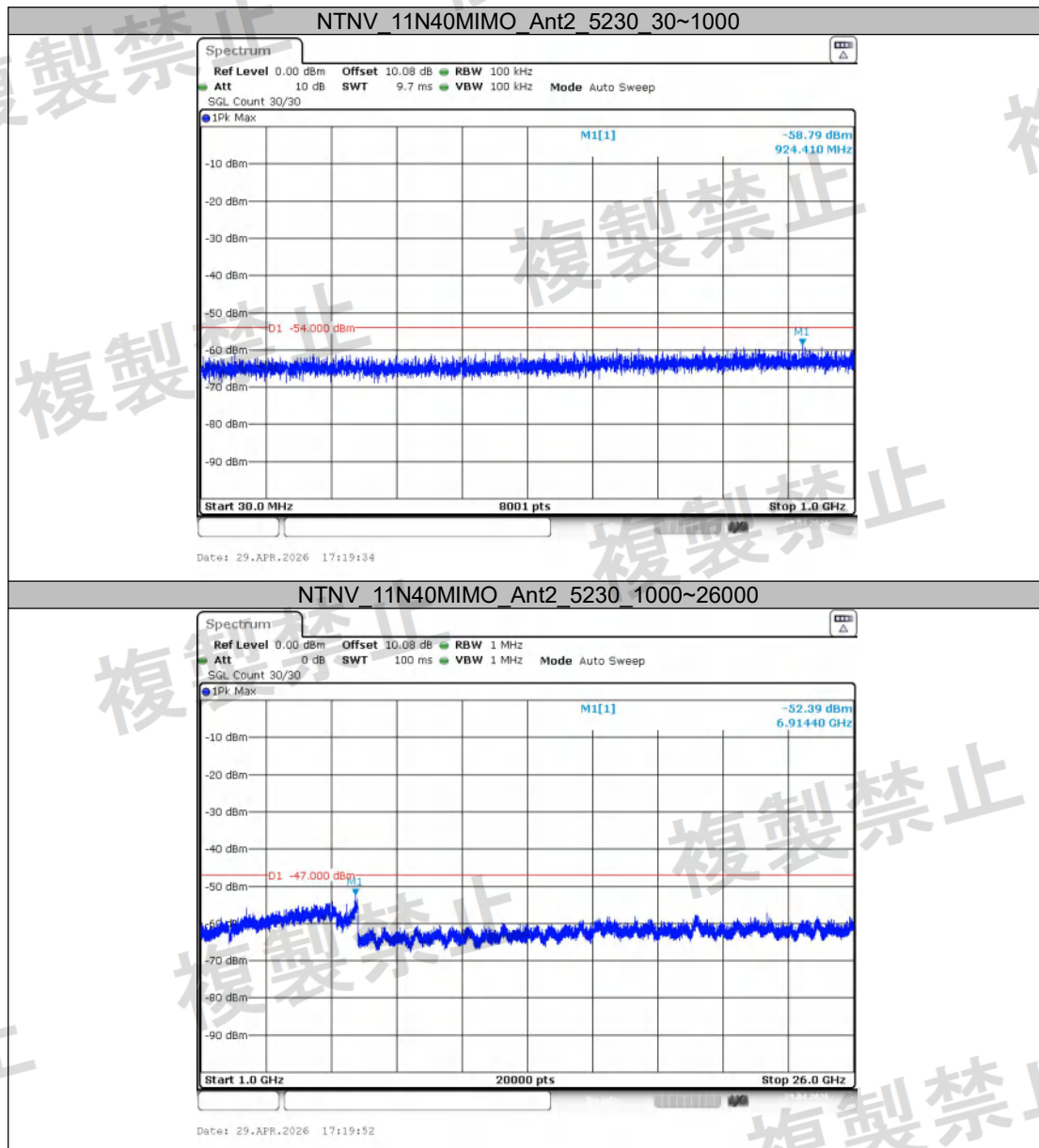


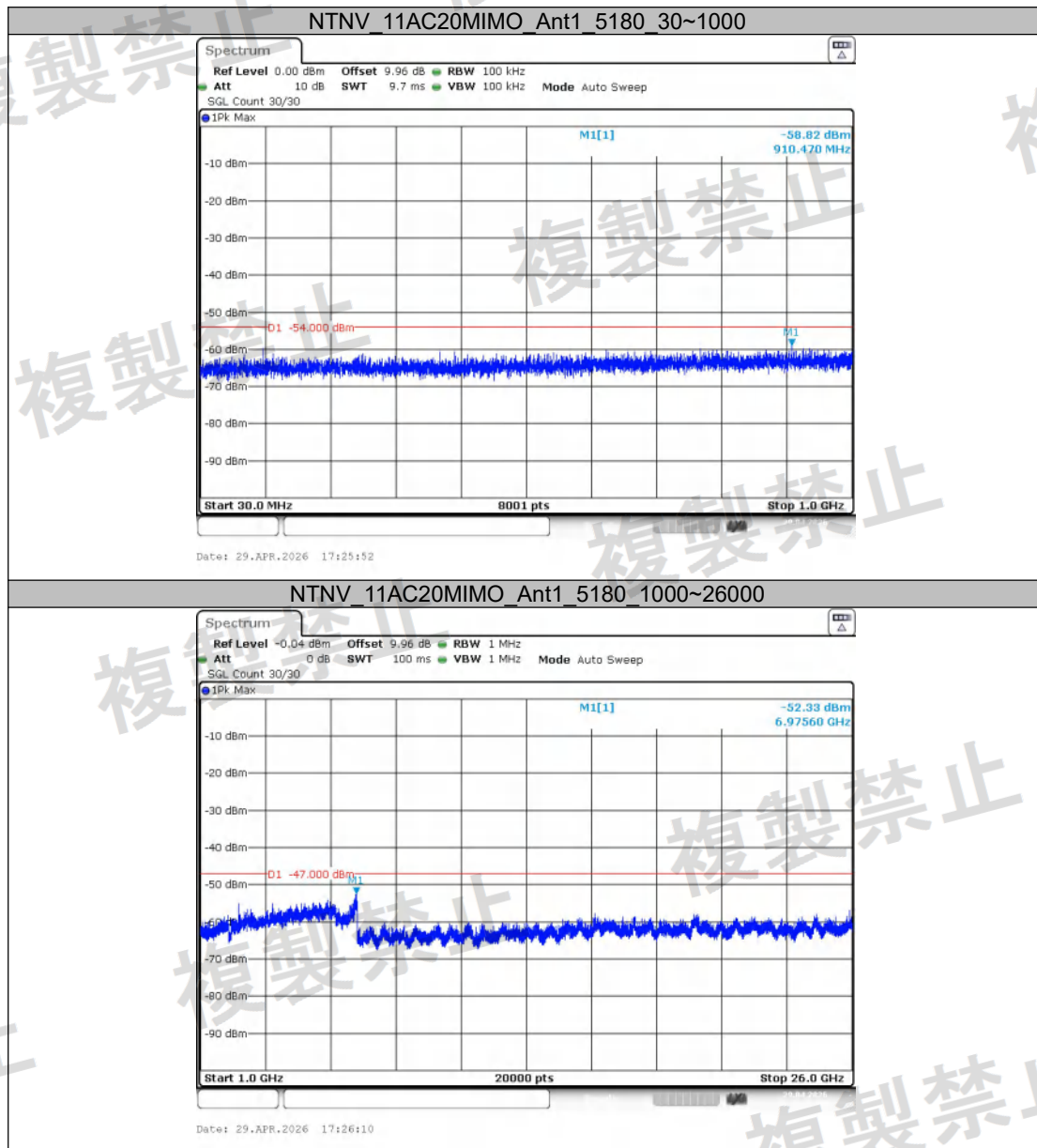


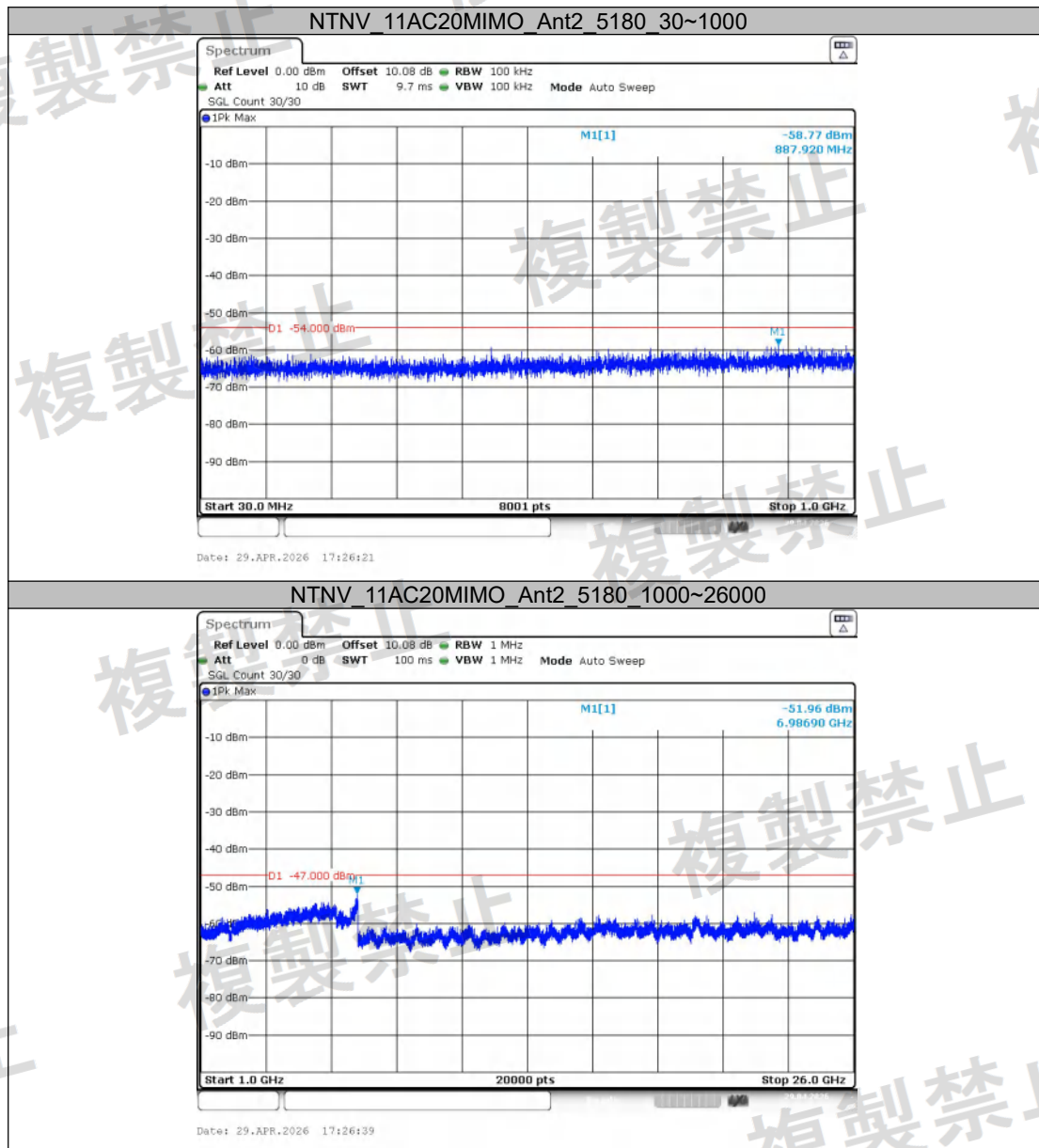


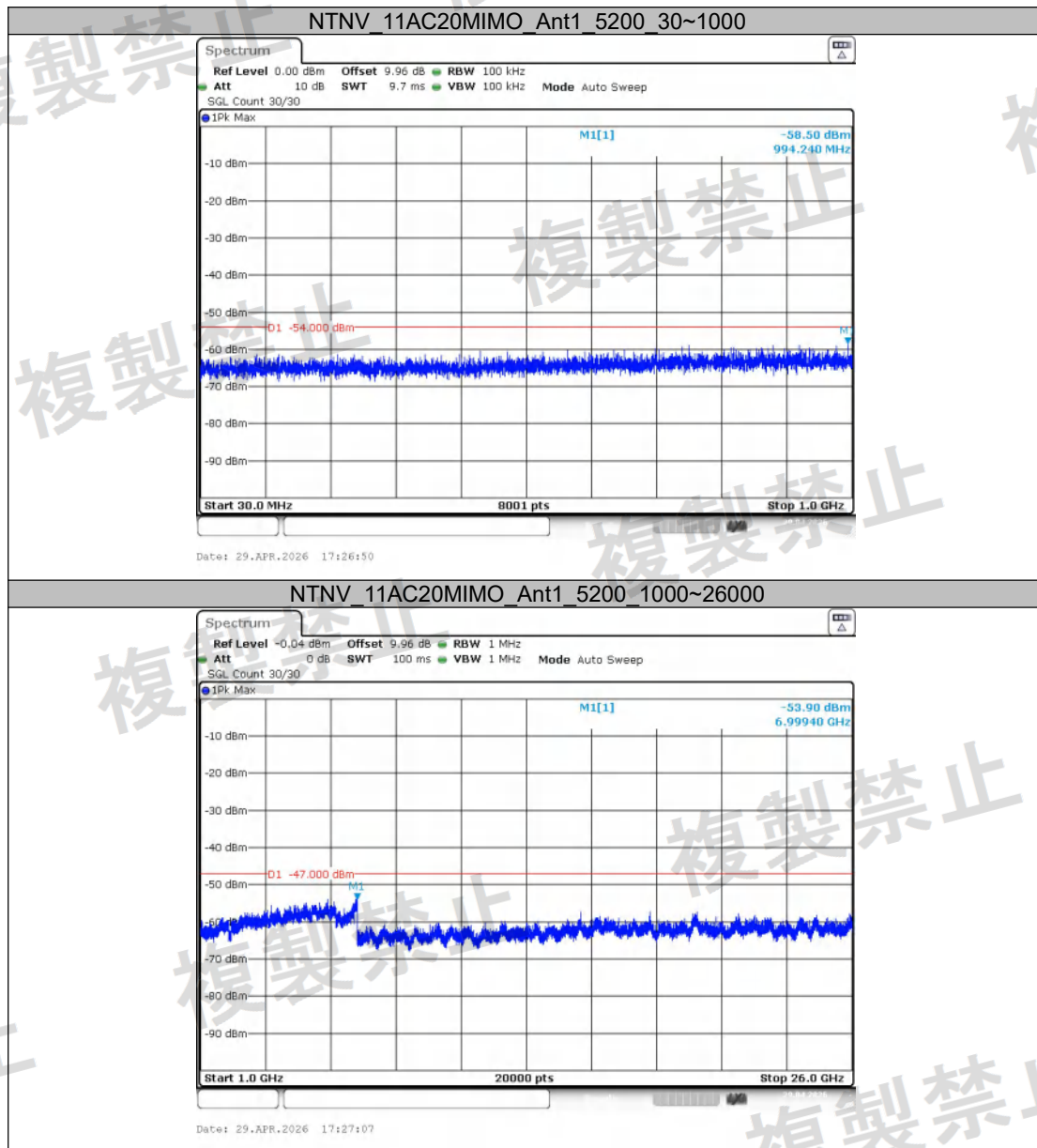


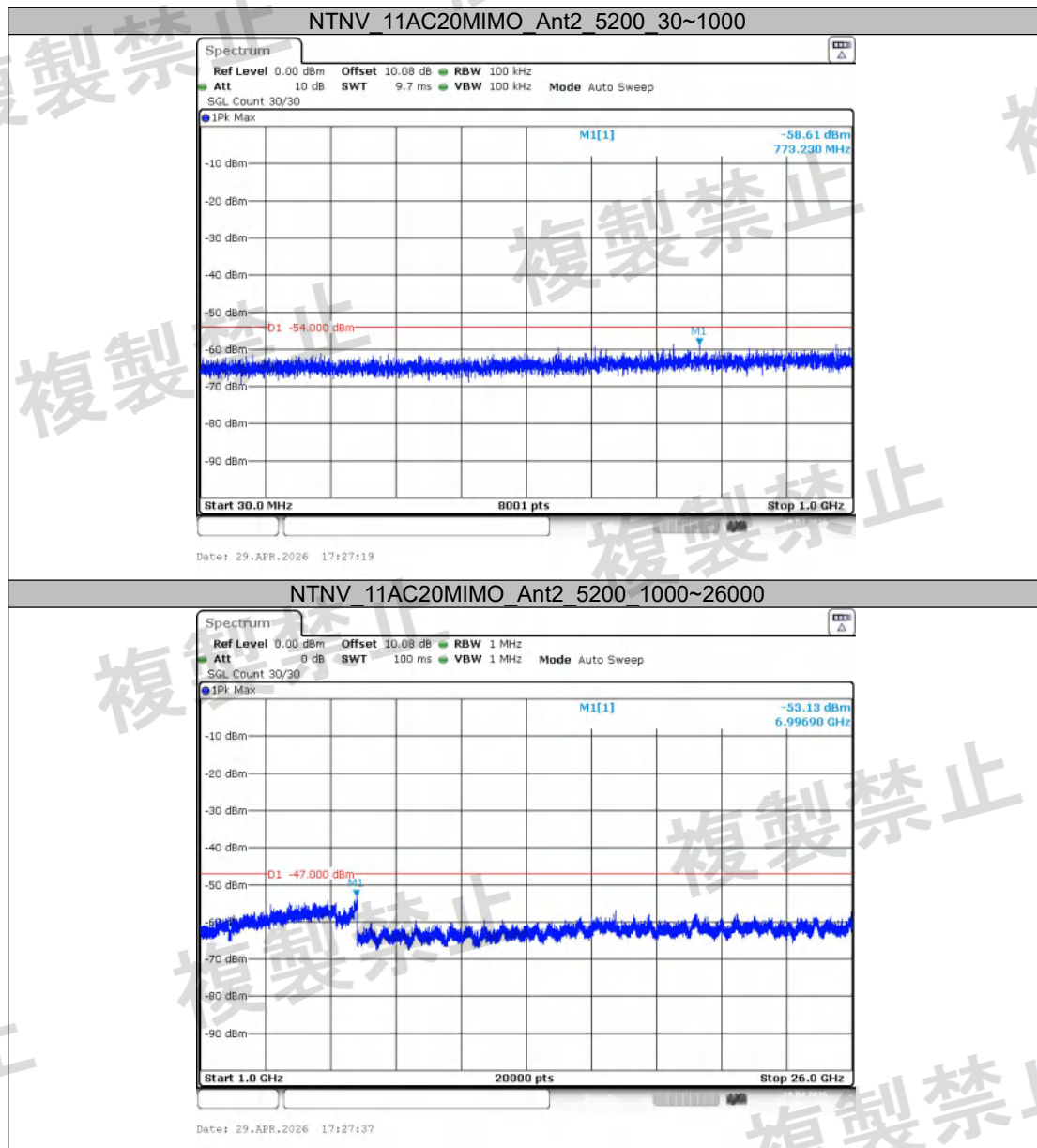


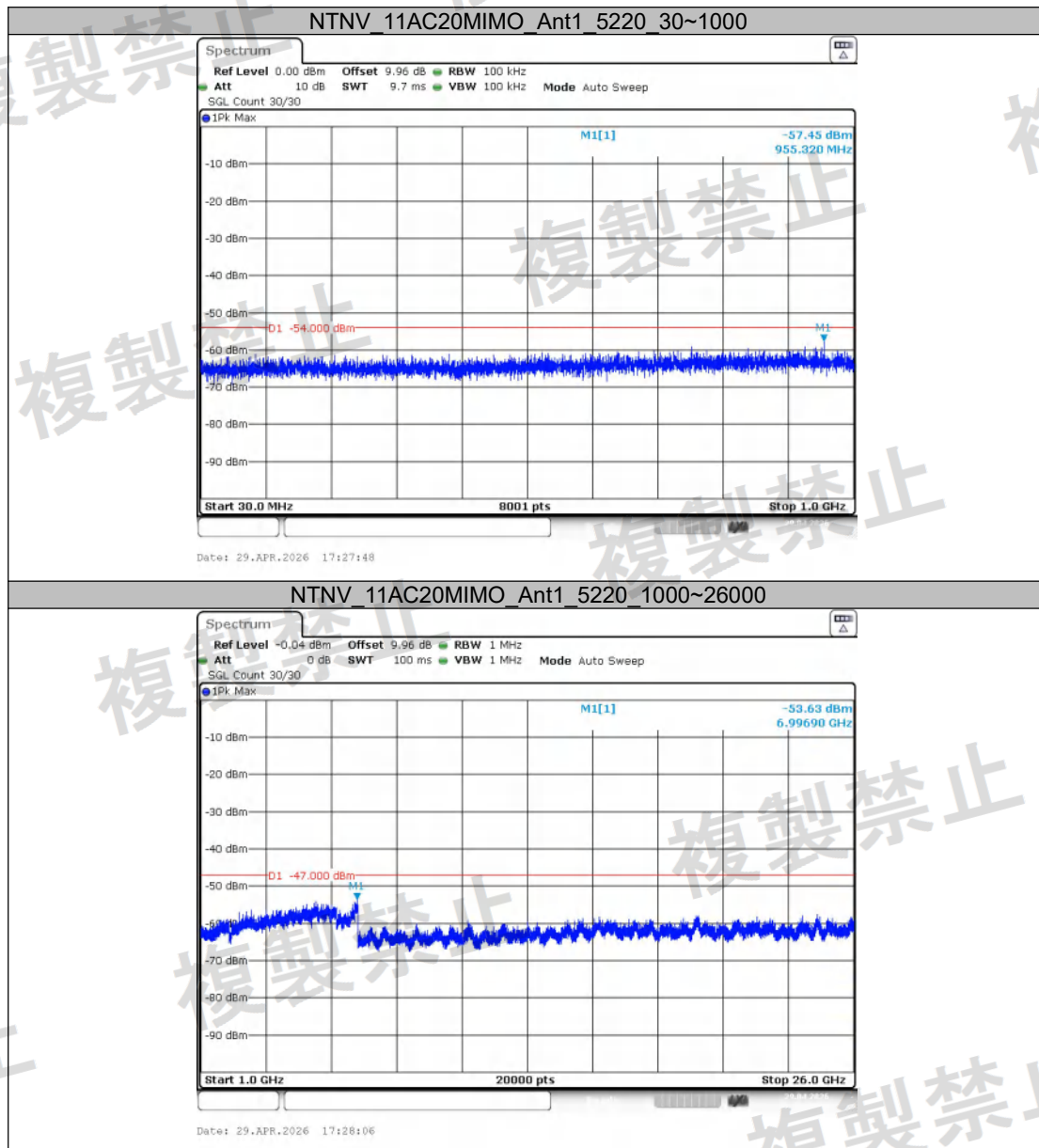


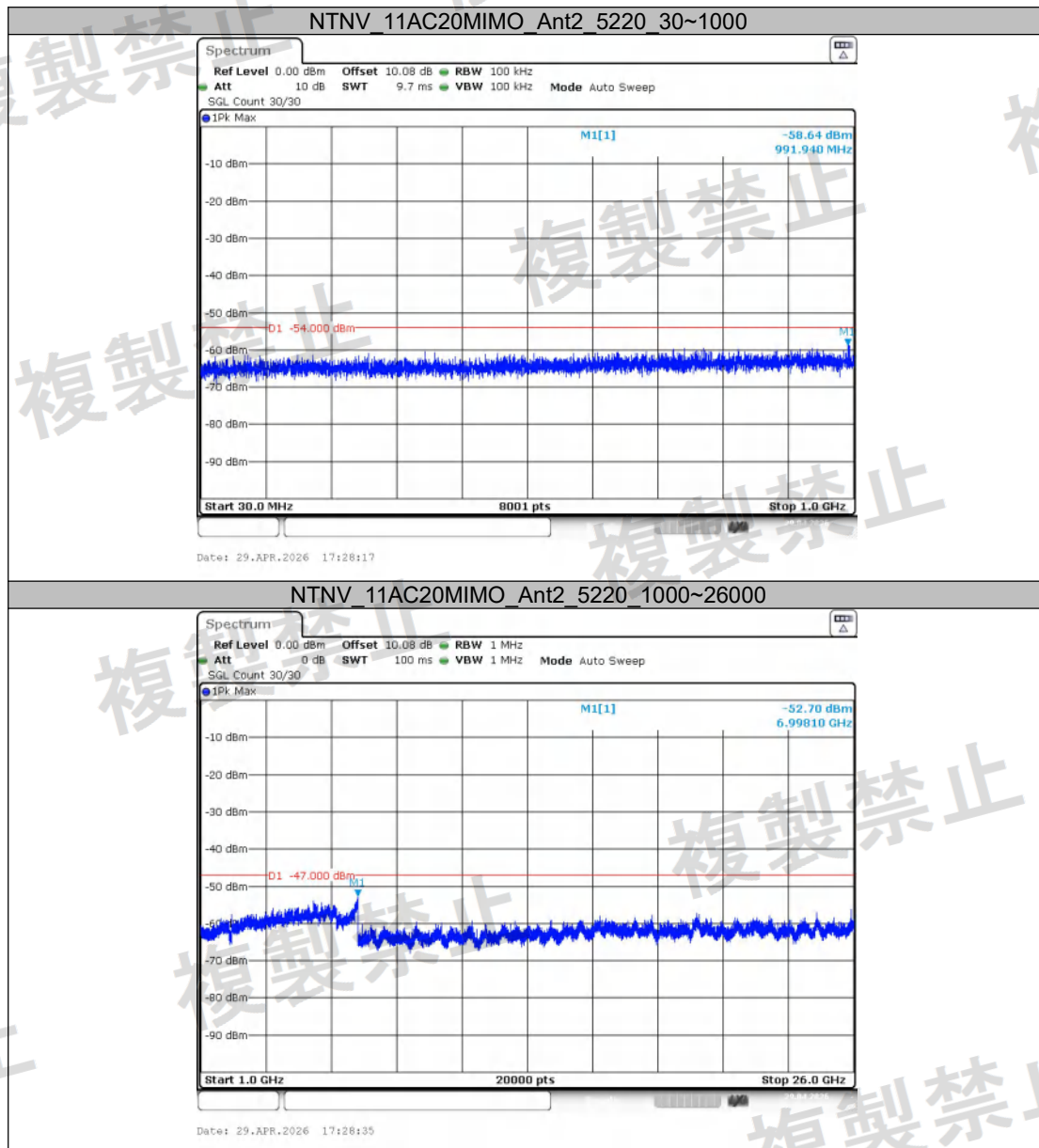


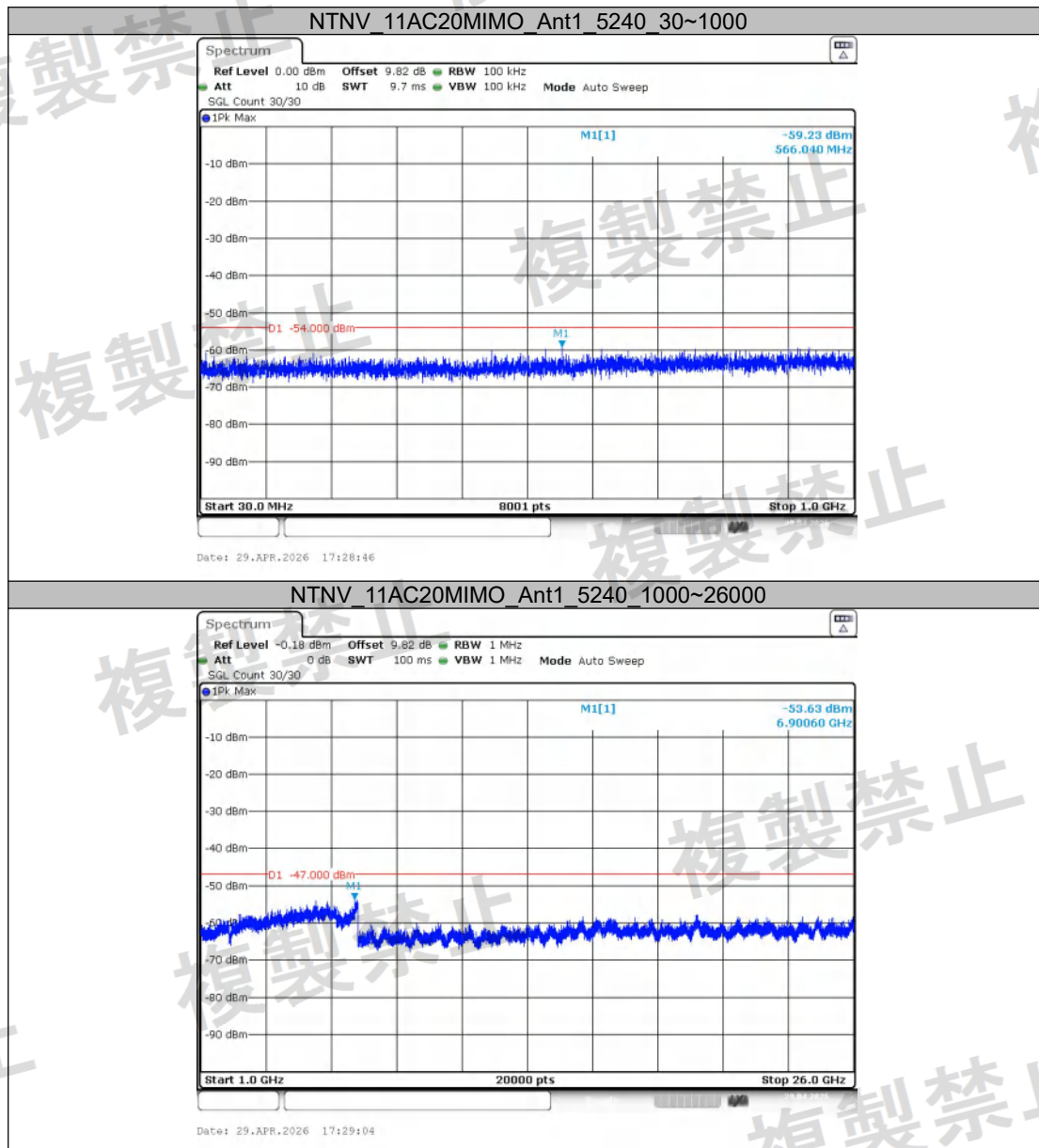




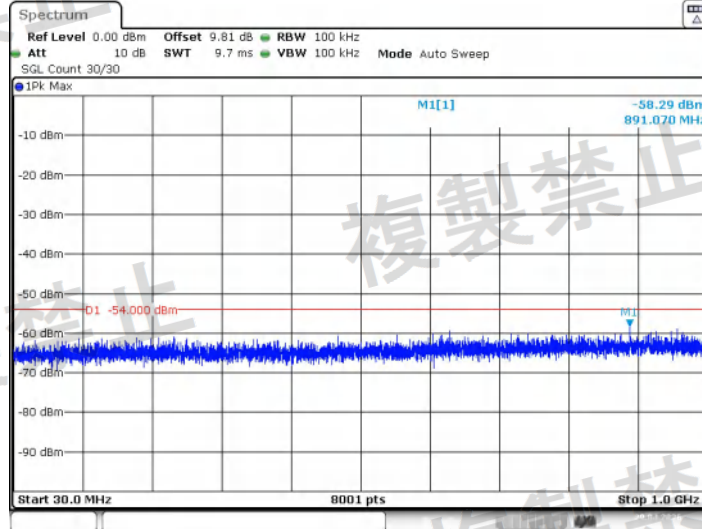






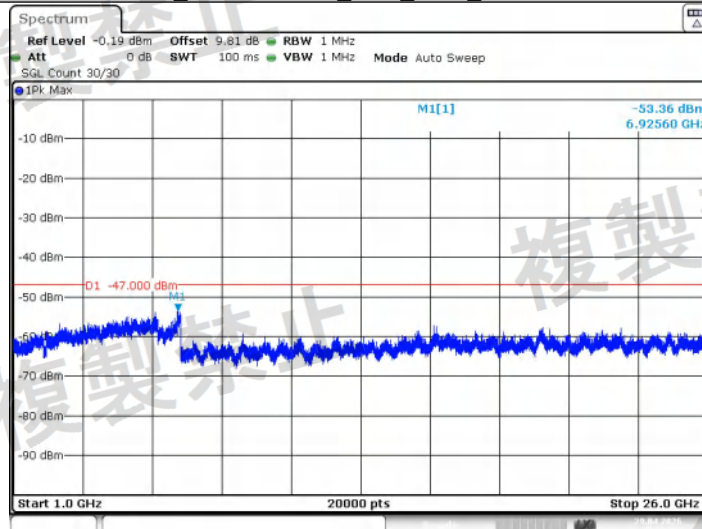


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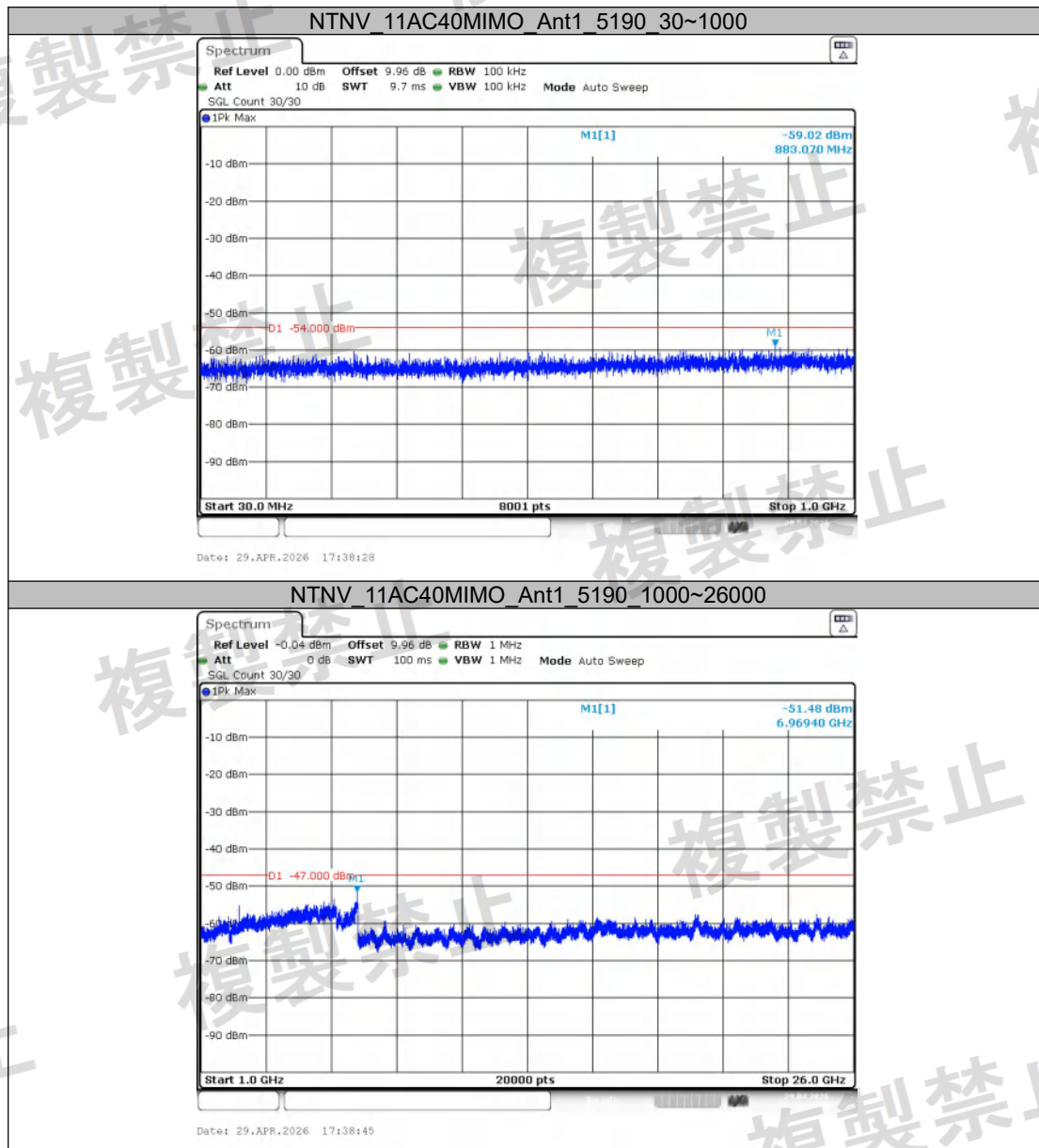


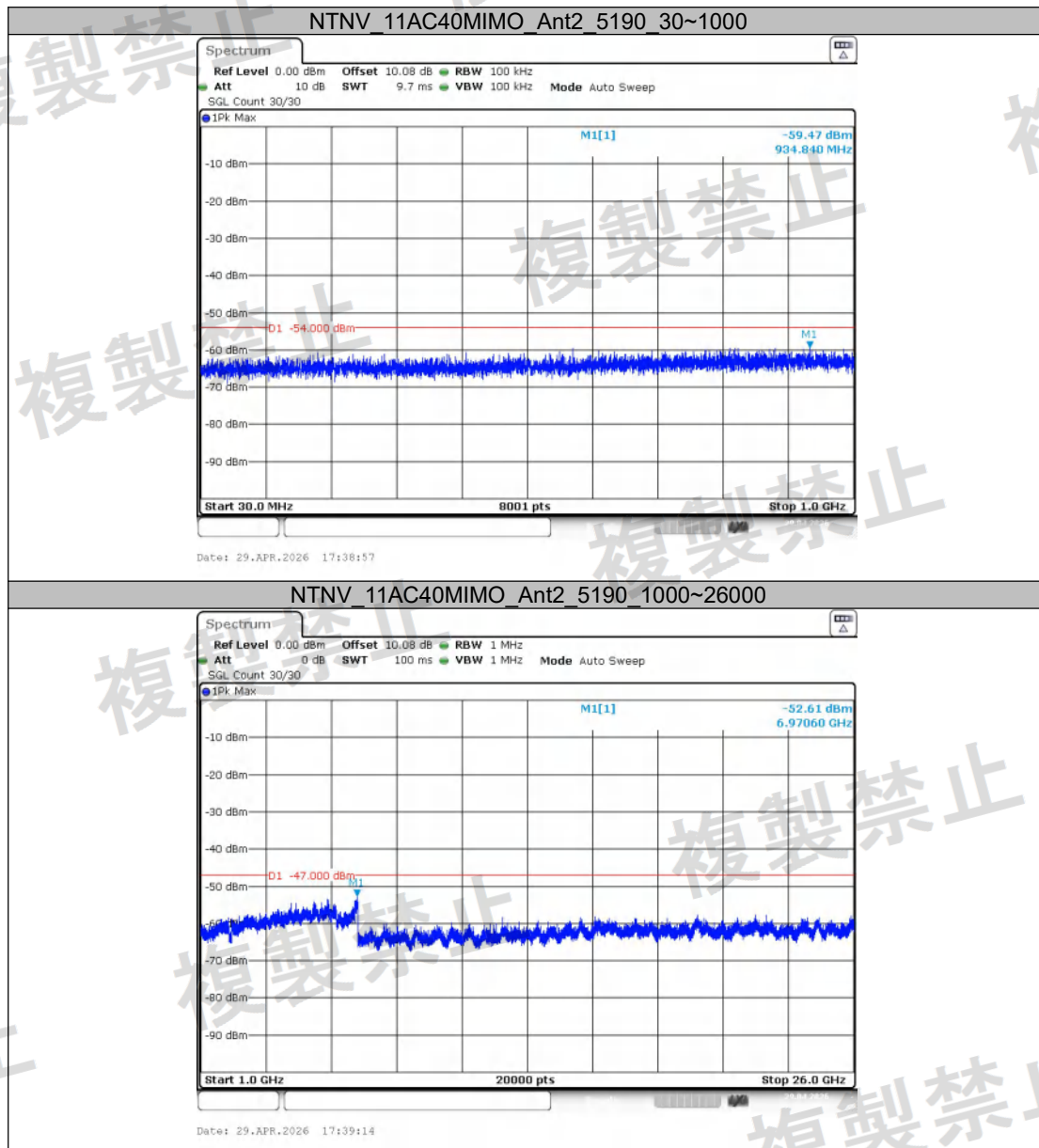
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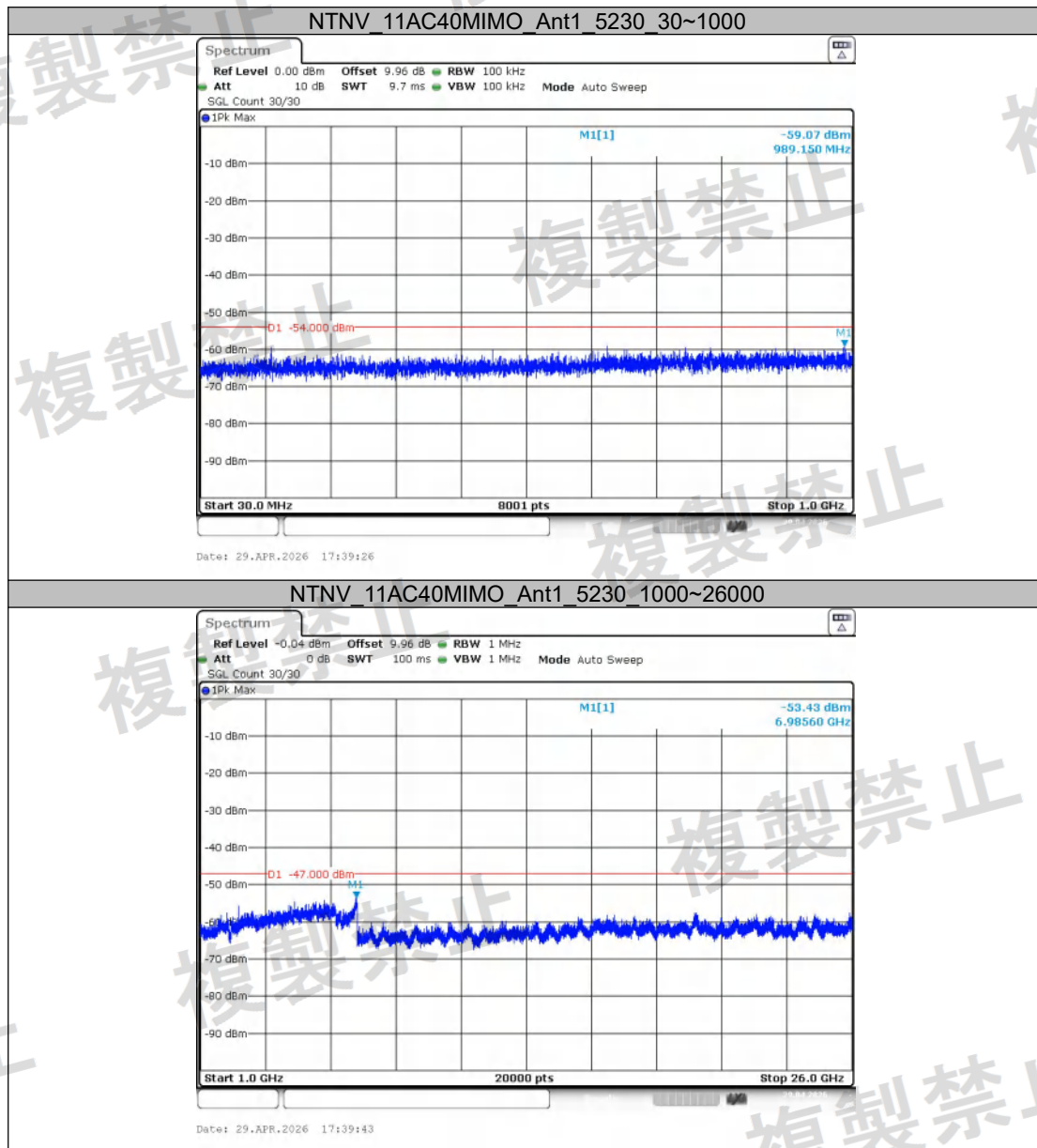
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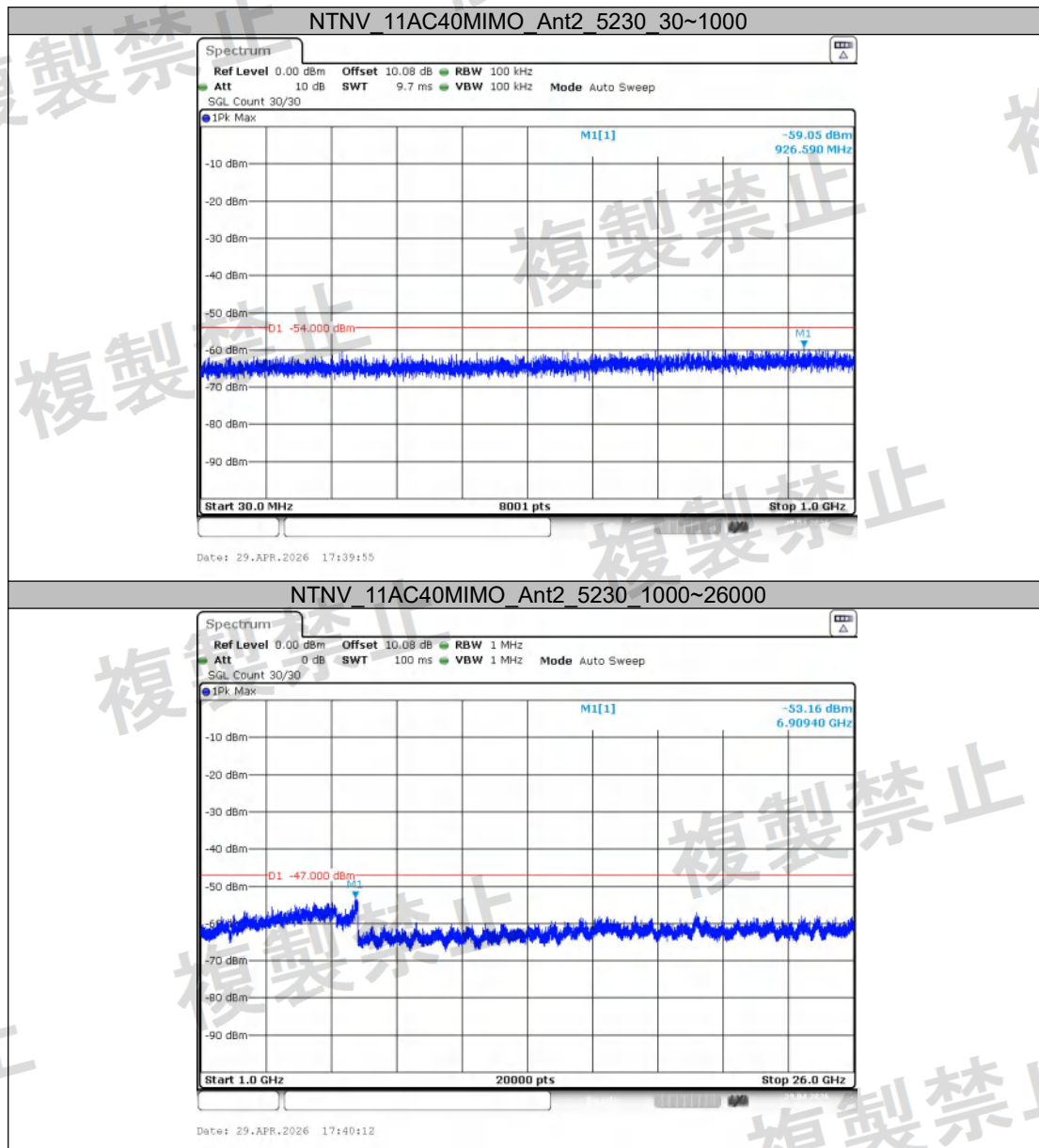


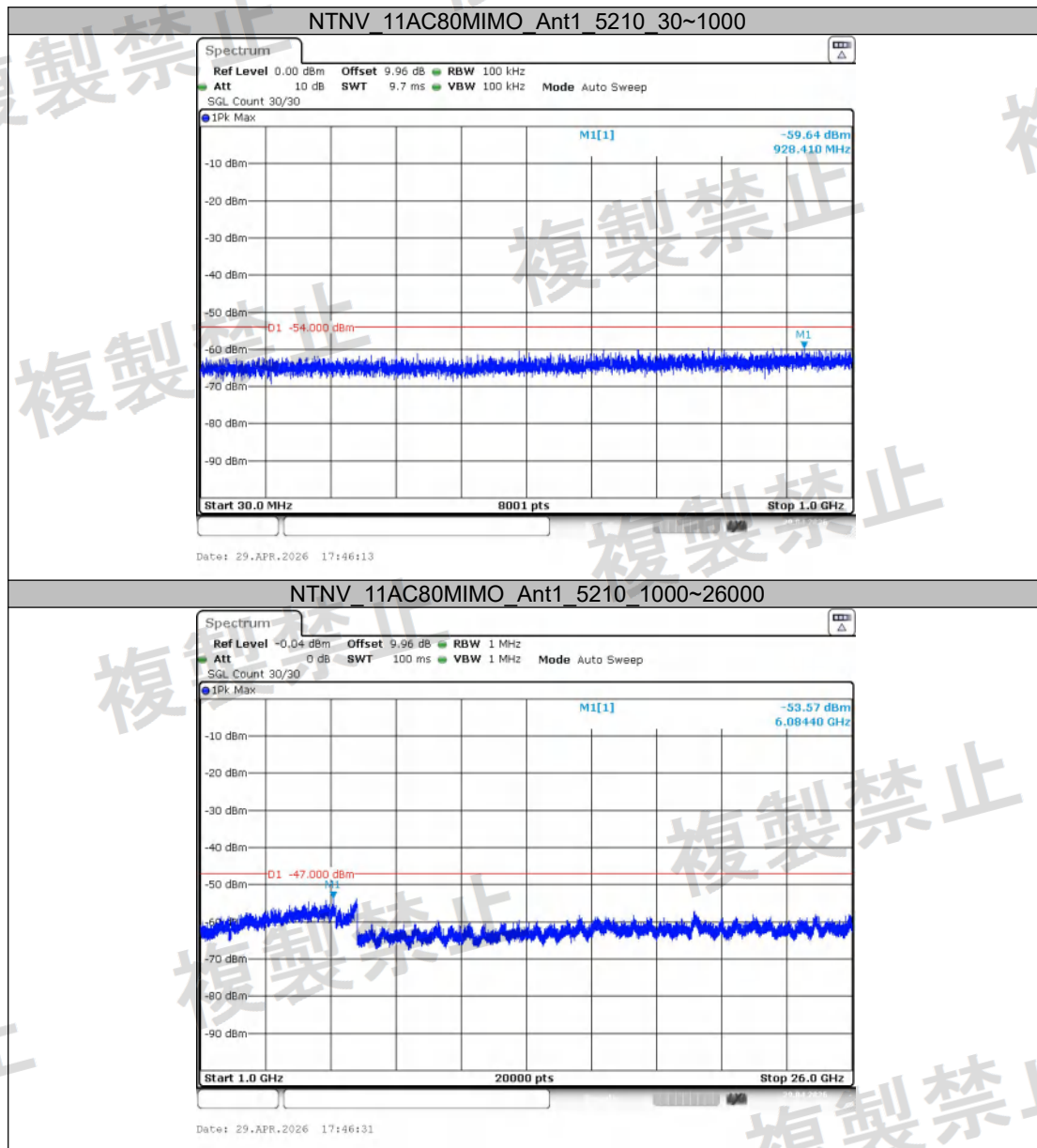
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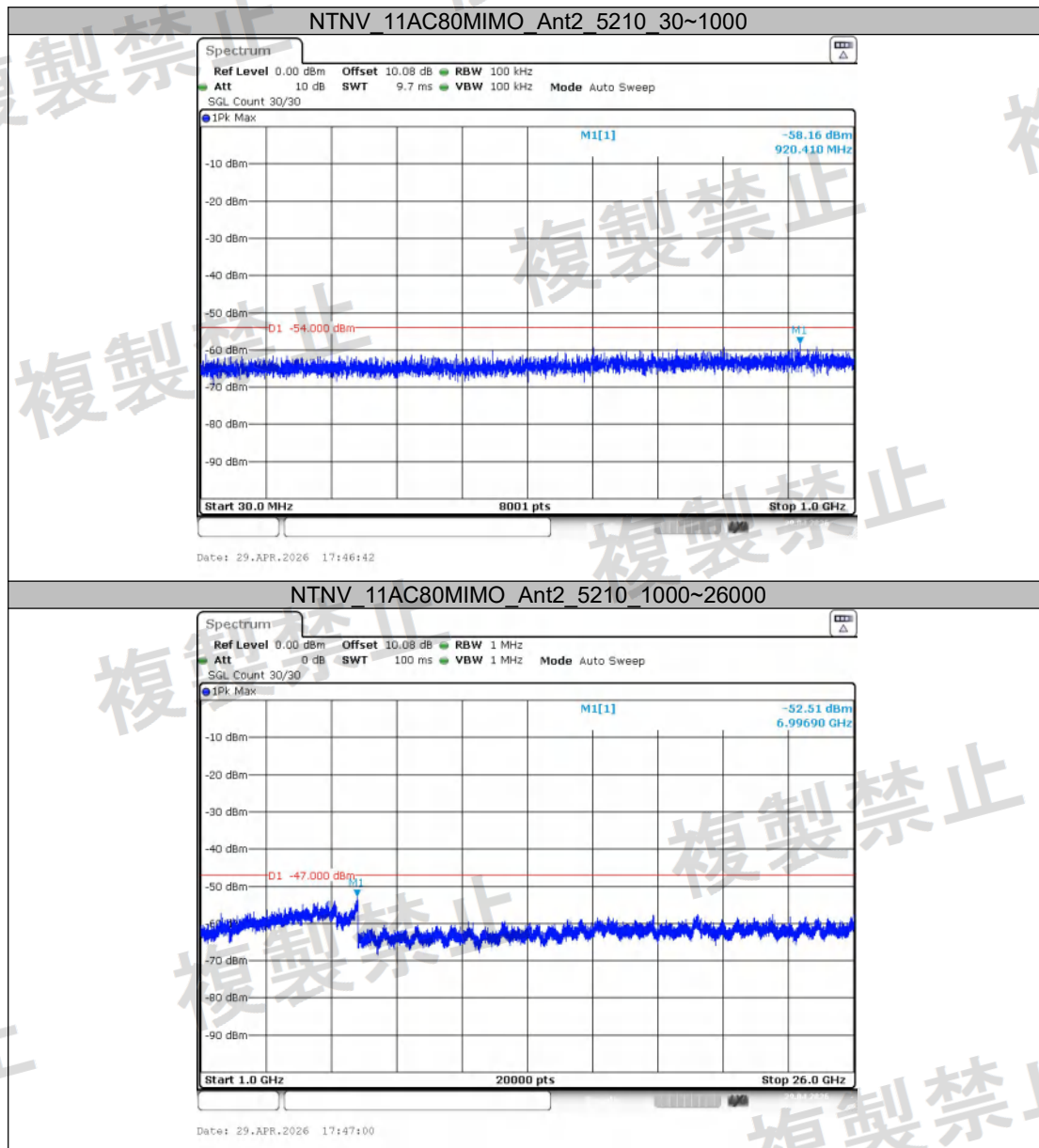


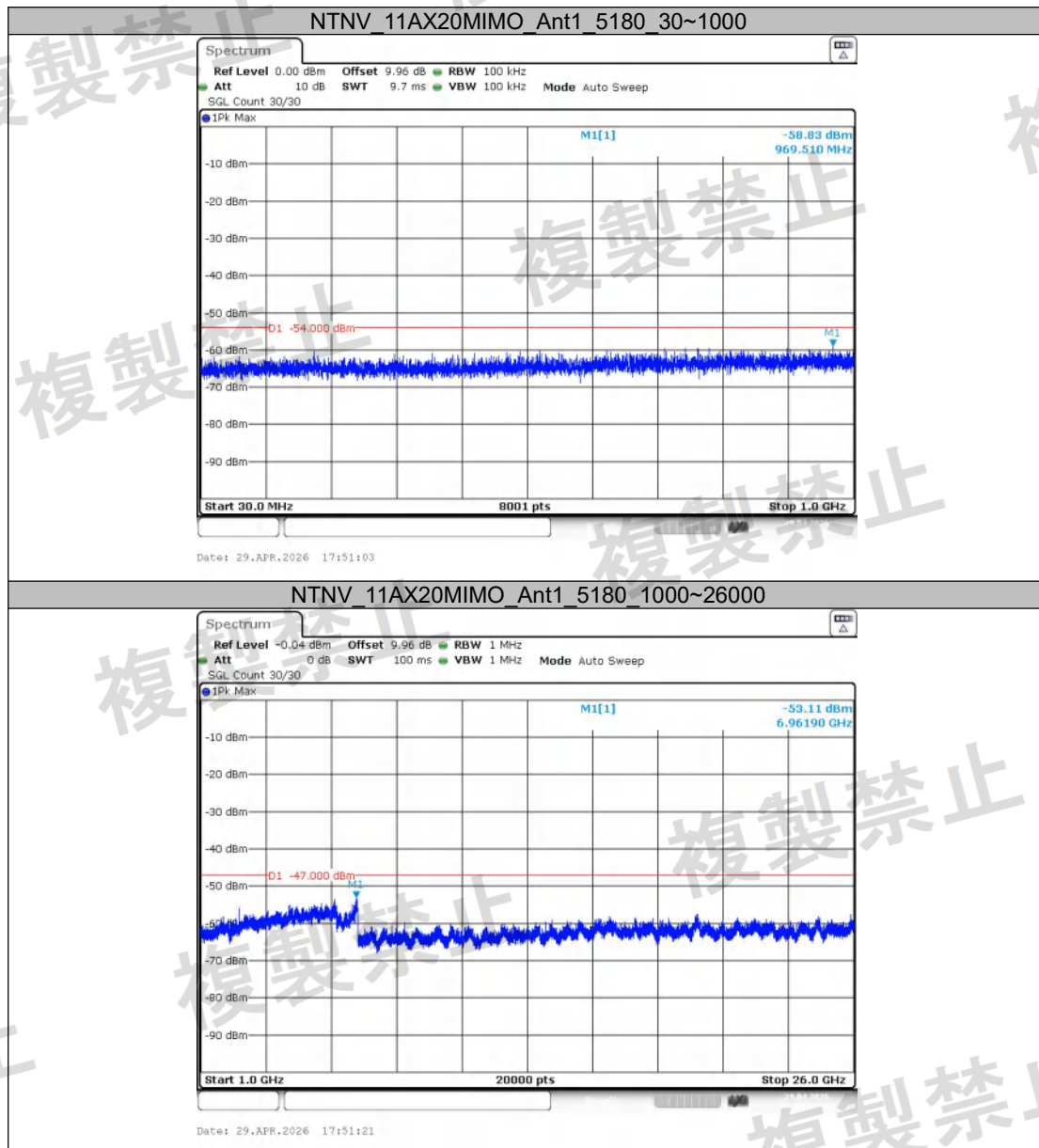


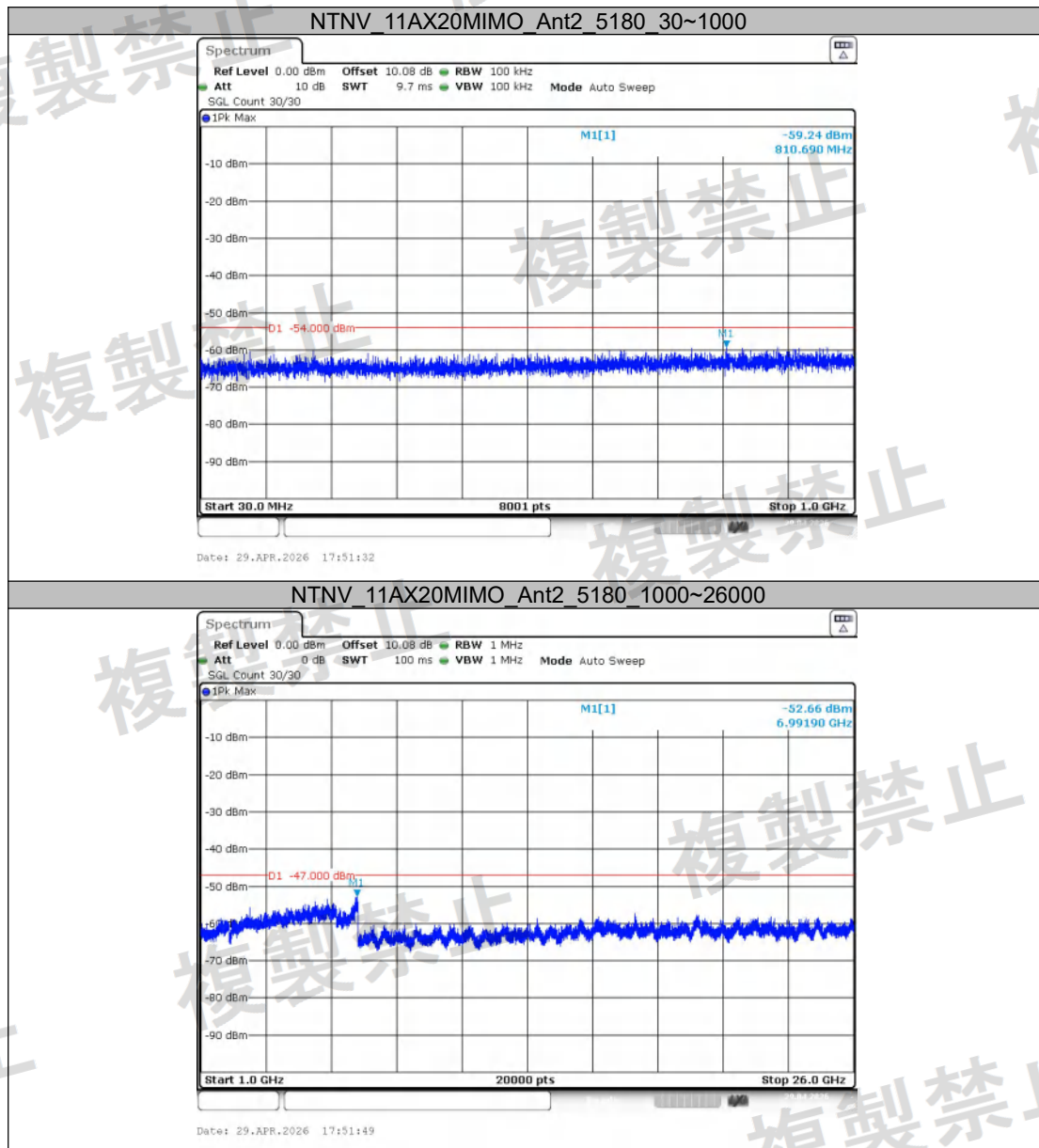


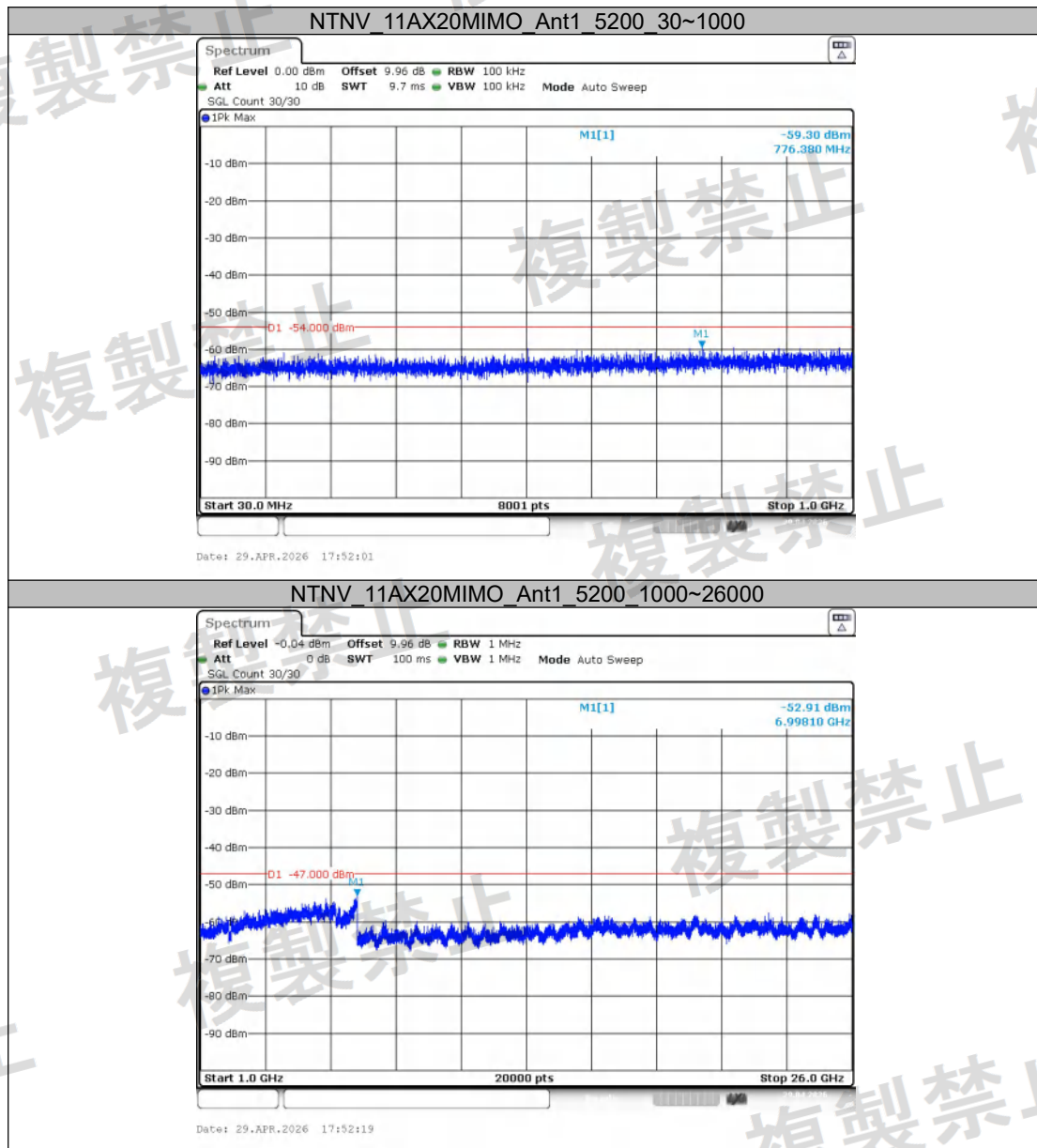


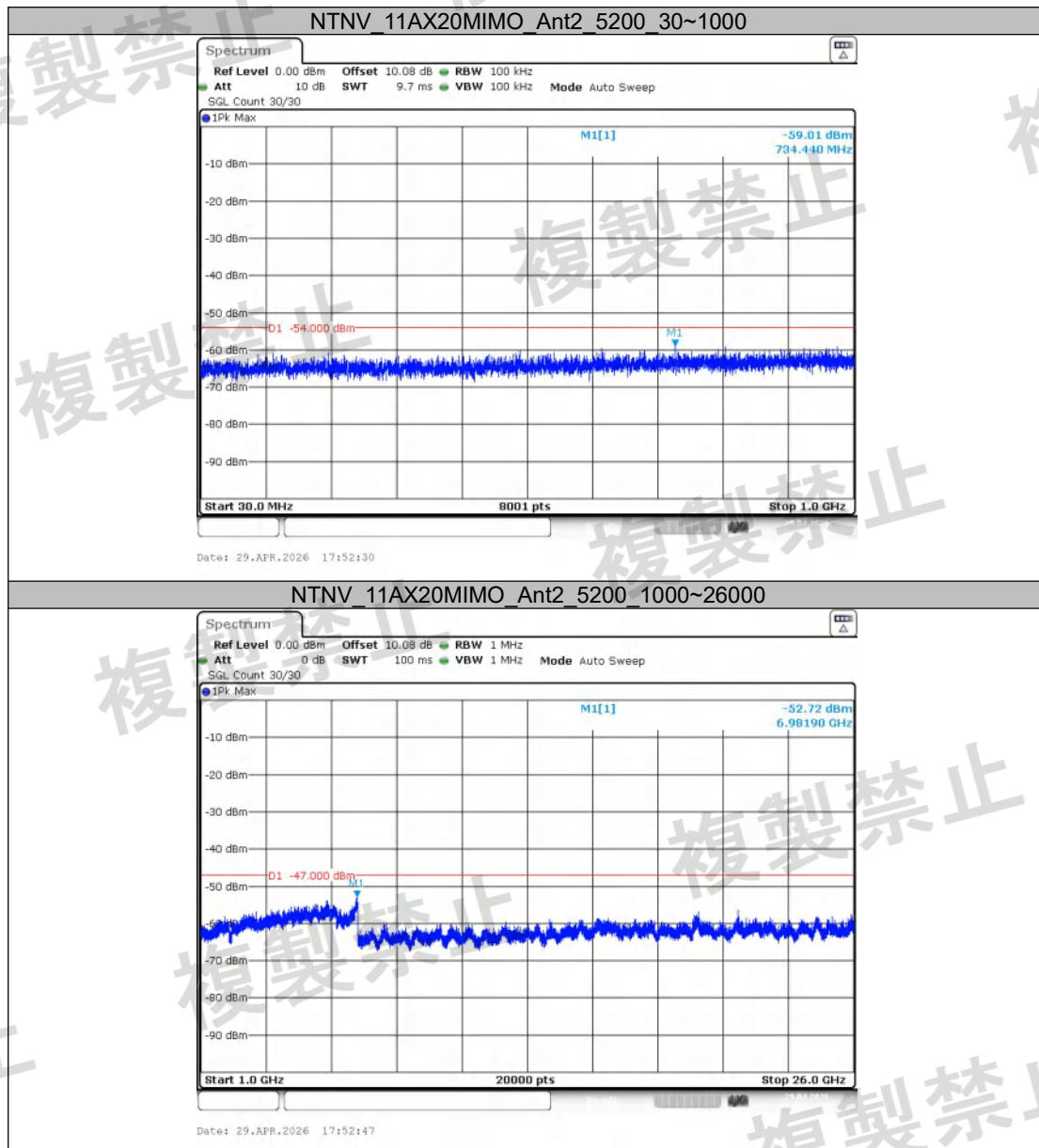


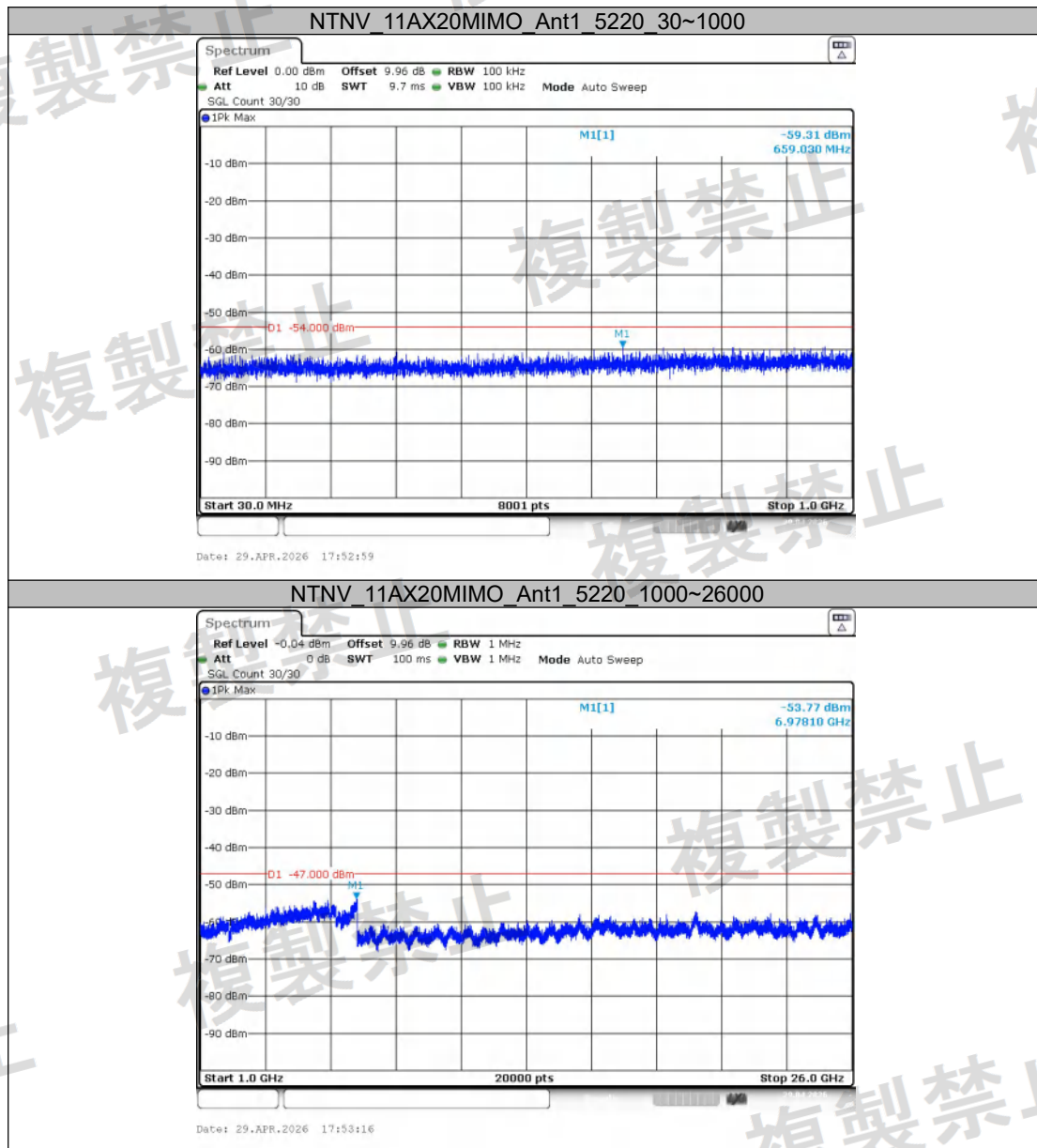


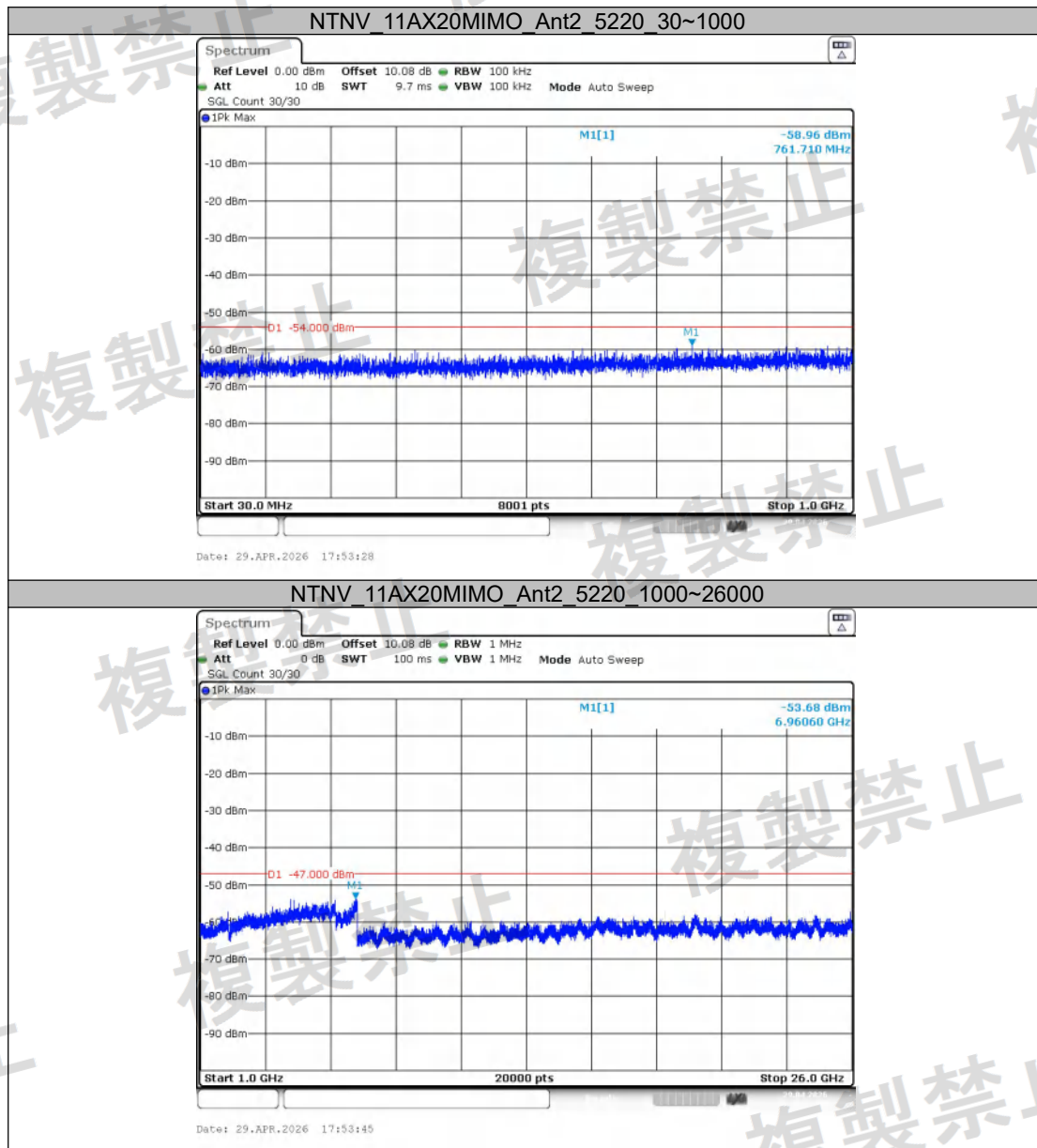


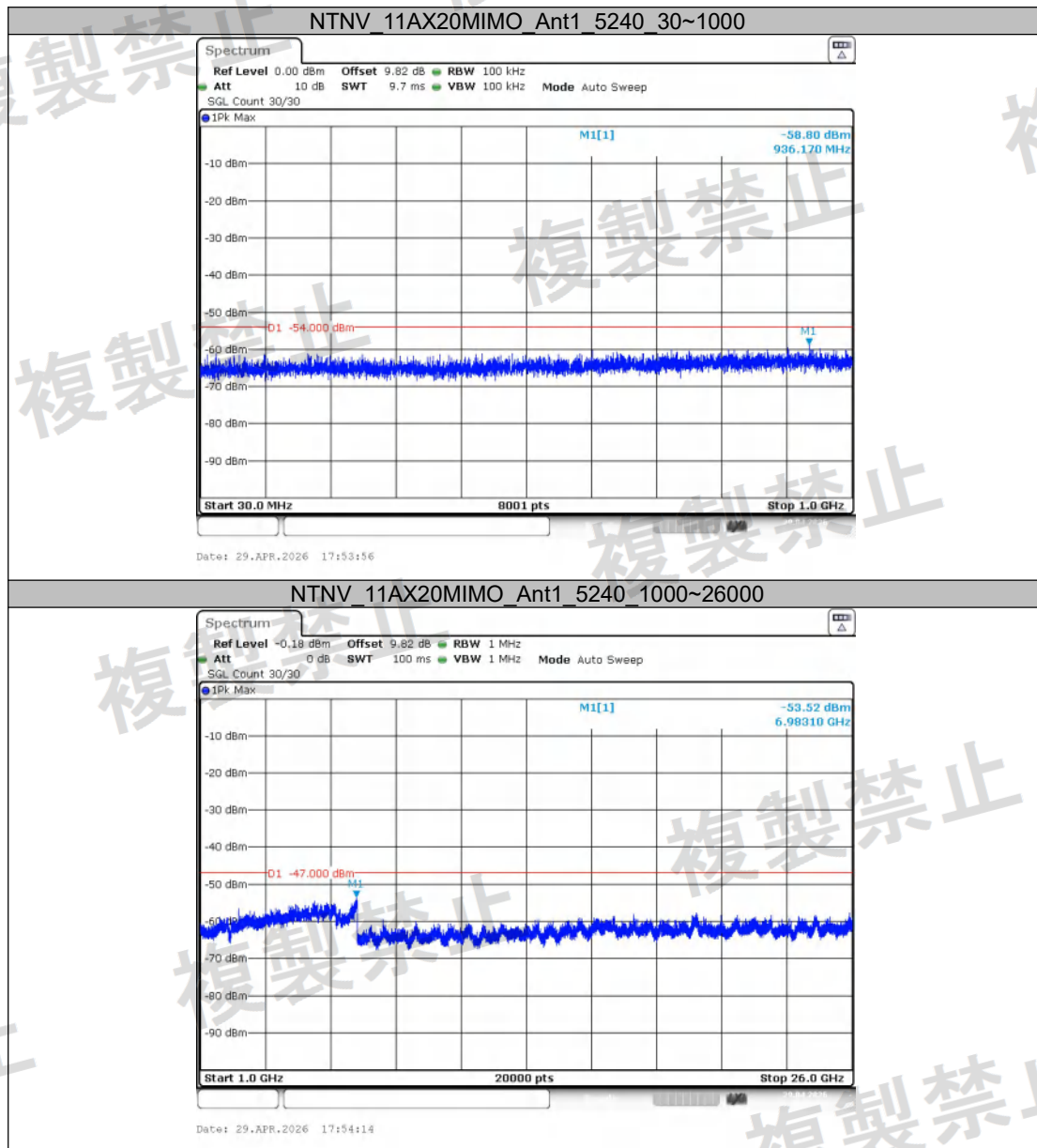


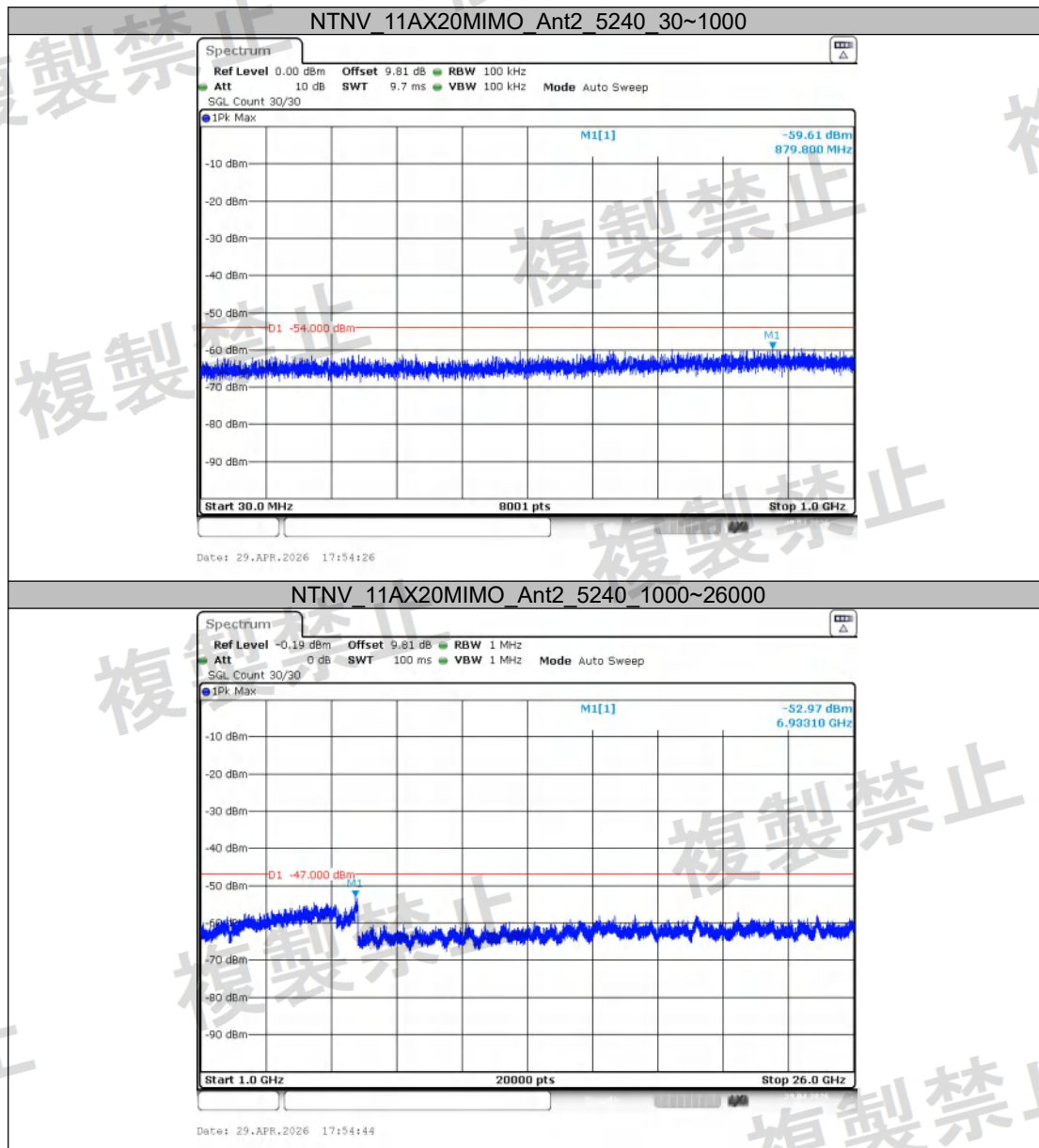


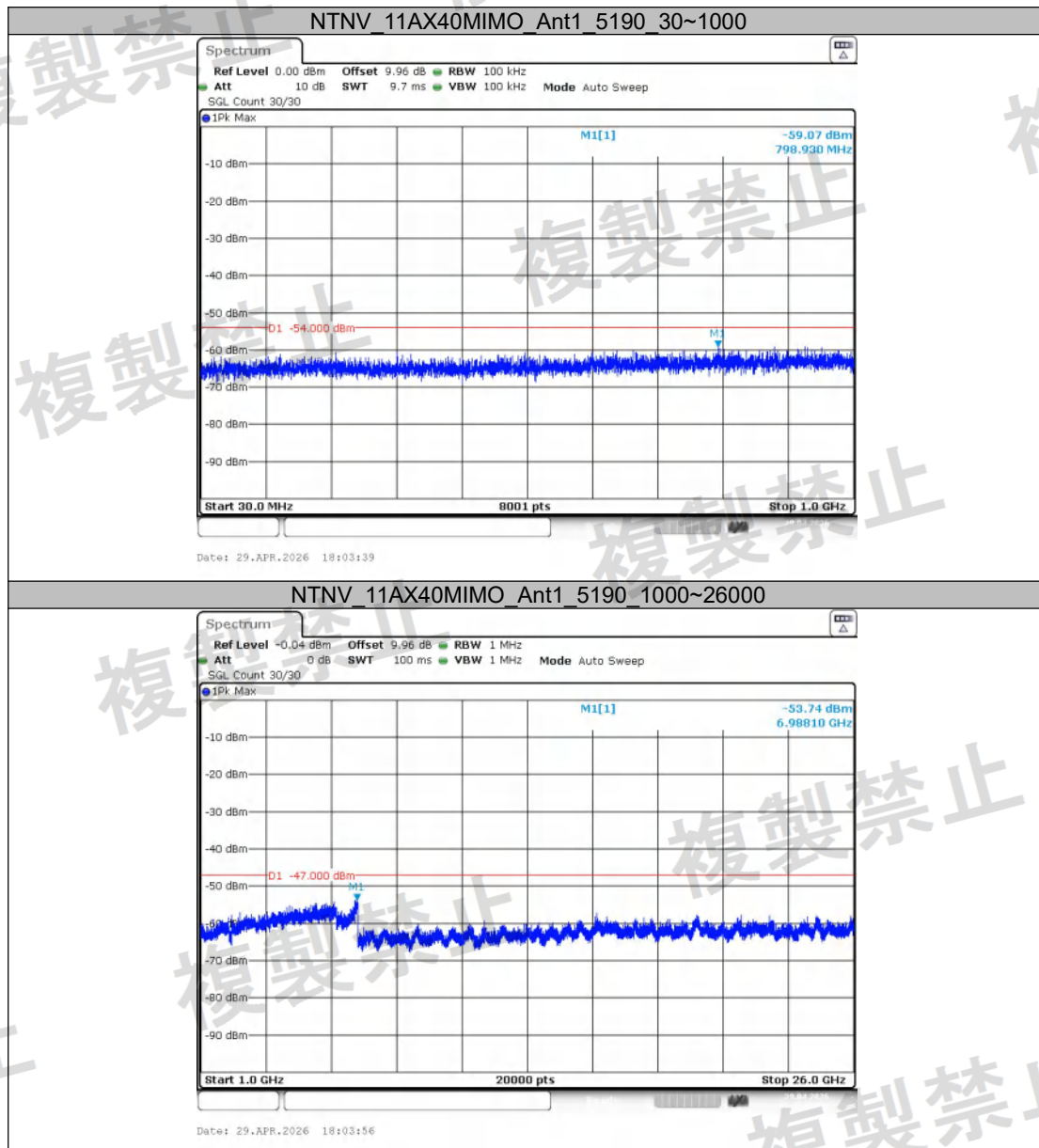


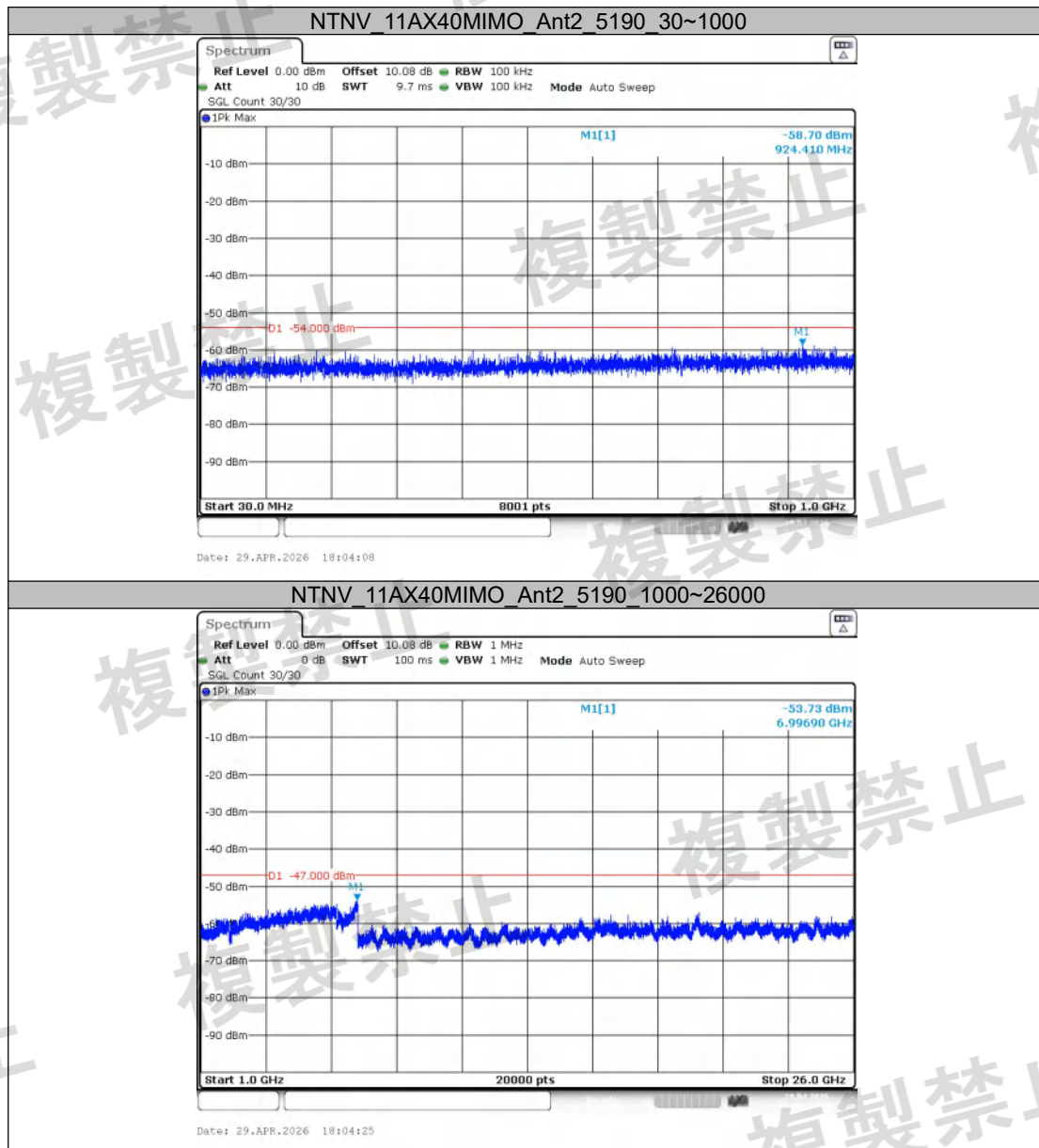


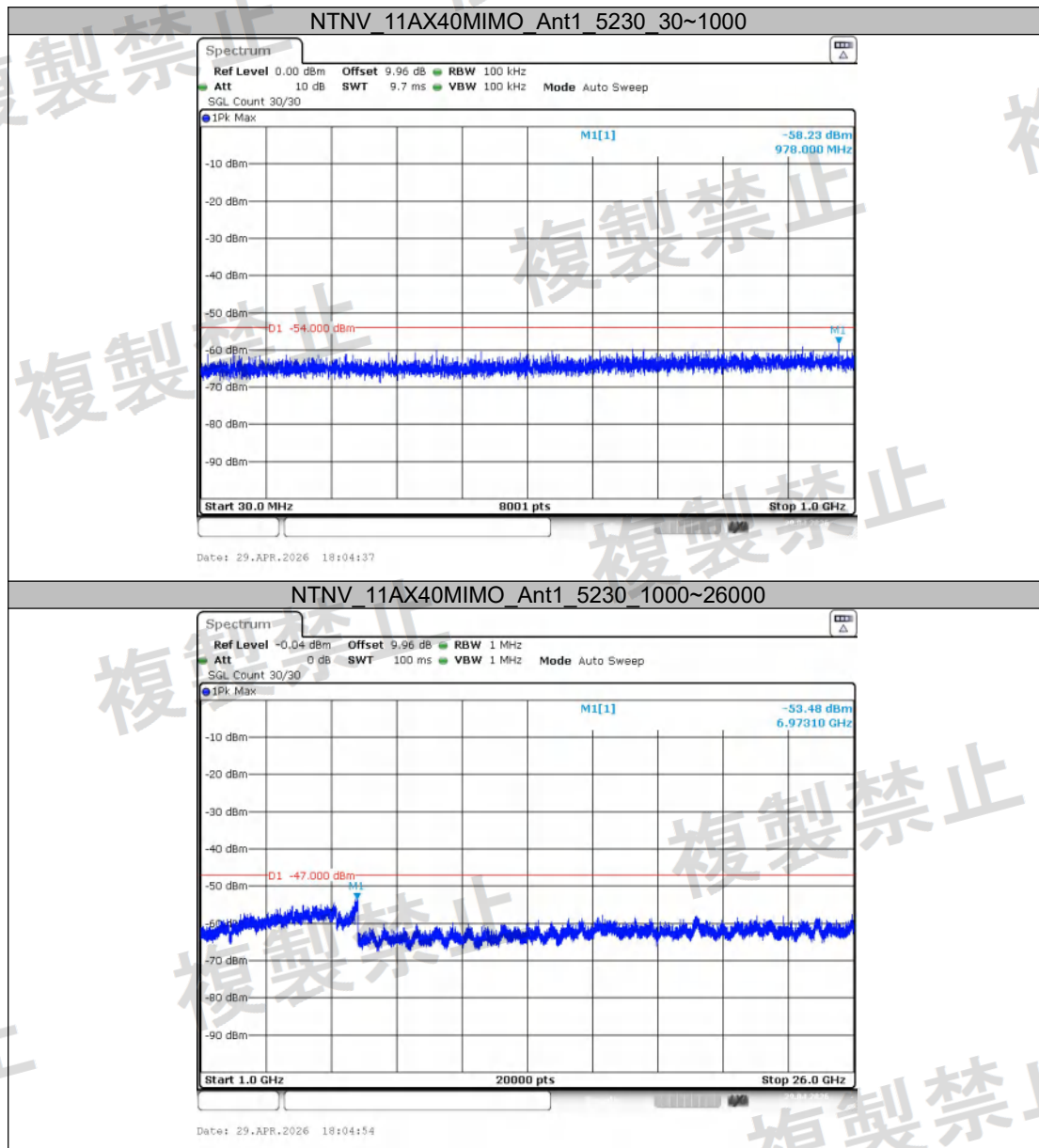


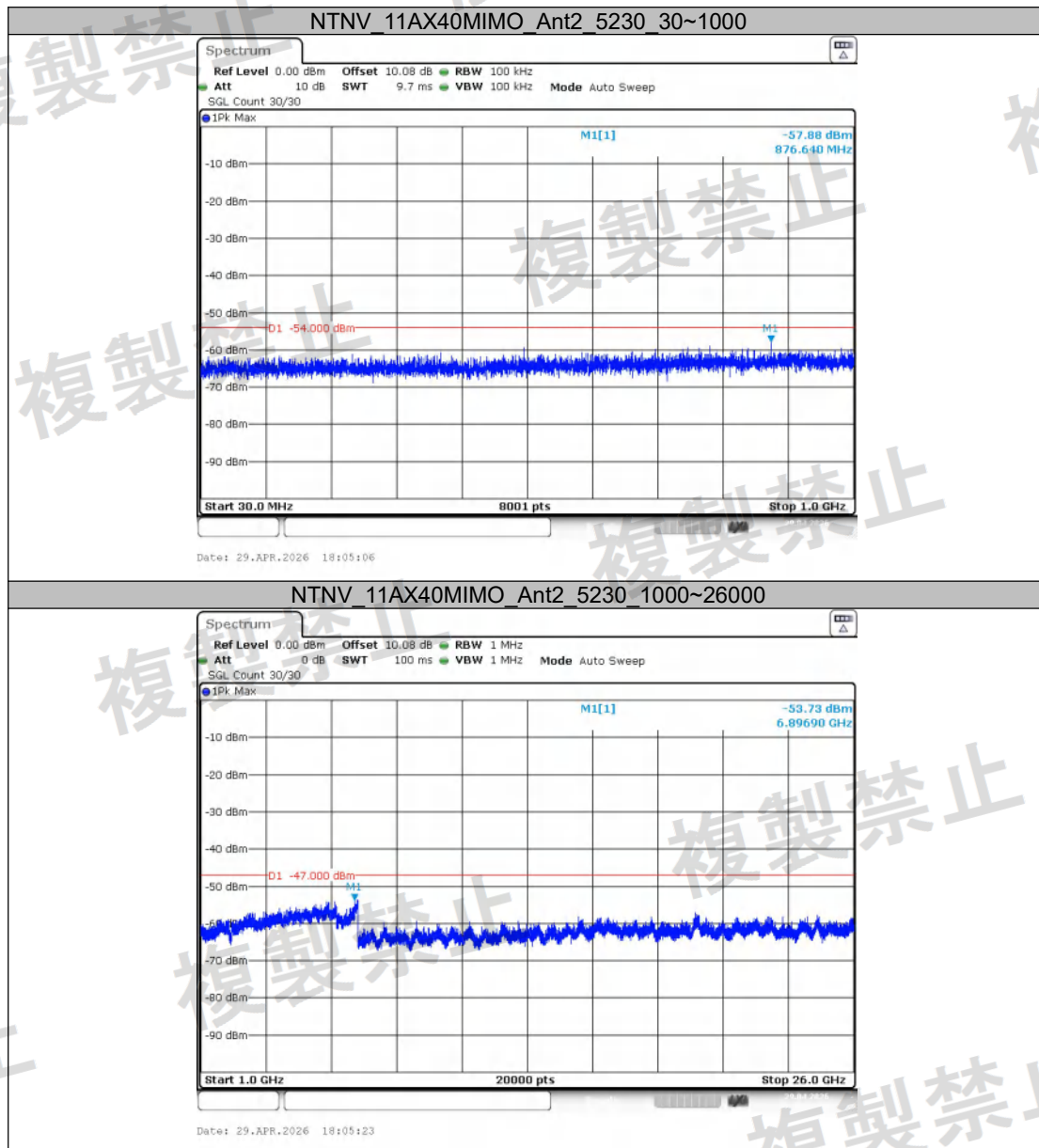


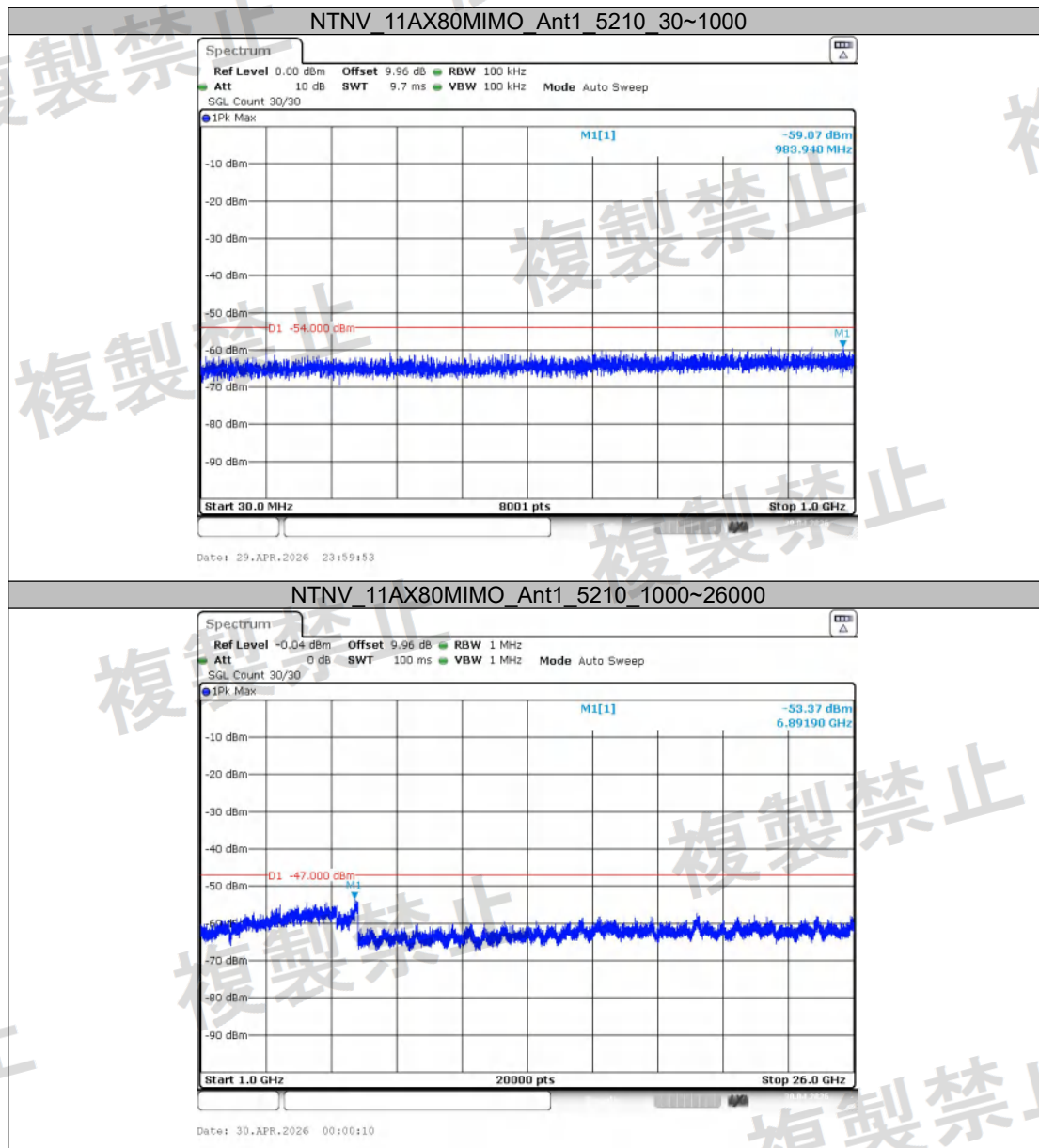


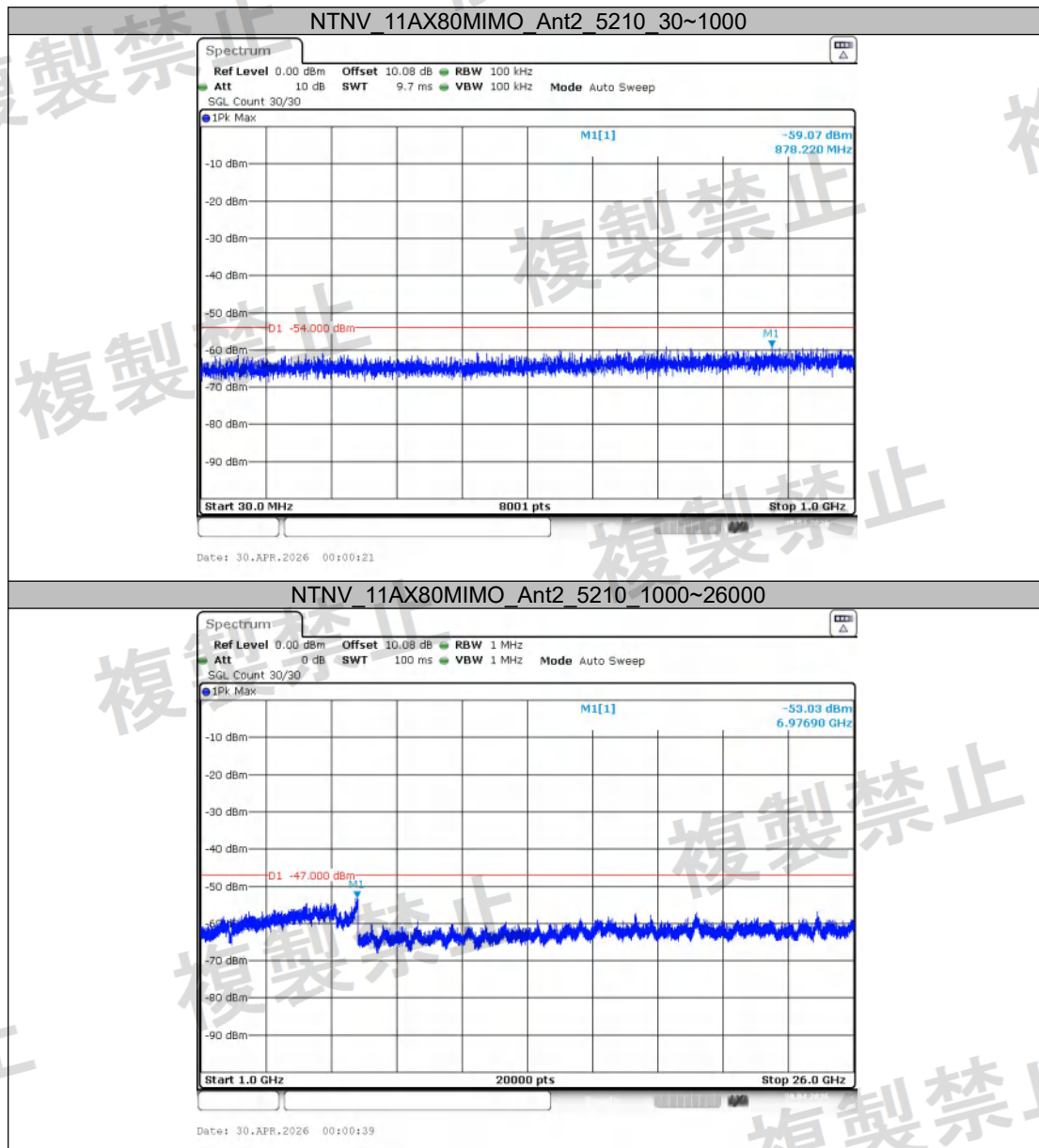












15. Equivalent Isotropic Radiated Power

15.1. Test Equipment

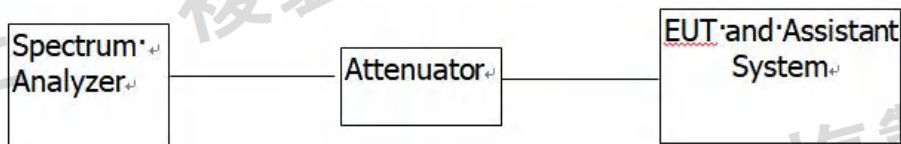
Item	Type	Manufacturer	Model No.	Serial No.	Last Calibration	Due Calibration
1	Spectrum analyzer	Agilent	N9020A	MY54488989	2025/11/12	2026/11/11
2	Spectrum analyzer	ROHDE&SCHWARZ	FSU26	200732	2025/11/10	2026/11/09
3	Attenuator	SCHWARZBECK	DGA 9552N	3161	2025/10/17	2026/10/16

Note: The test equipment is calibrated by Huajue Medical Testing and Metrology (Shenzhen) Co., Ltd. Calibration standard: Article 24-2, Paragraph 4 of the Radio Act, method c

15.2. Limit

Operation Band	Item	20MHz system		40MHz system	80MHz system	160MHz system
W52&W53	Antenna Power	DSSS, etc 10mW/MHz	OFDM 10mW/MHz	OFDM 5mW/MHz	OFDM 2.5mW/MHz	OFDM 1.25mW/MHz
	Antenna power Tolerance	+20%, -80%				
	EIRP W52	10mW/MHz		5mW/MHz	2.5mW/MHz	1.25mW/MHz
	EIRP W53	10mW/MHz: with TPC 5mW/MHz: without TPC		5mW/MHz: with TPC 2.5mW/MHz: without TPC	2.5mW/MHz: with TPC 1.25mW/MHz: without TPC	1.25mW/MHz: with TPC 0.625mW/MHz: without TPC
W56	Antenna Power	DSSS, etc 10mW/MHz	OFDM 10mW/MHz	OFDM 5mW/MHz	OFDM 2.5mW/MHz	OFDM 1.25mW/MHz
	Antenna power Tolerance	+50%, -50%				
	EIRP	50mW/MHz: with TPC 25mW/MHz: without TPC		25mW/MHz: with TPC 12.5mW/MHz: without TPC	12.5mW/MHz: with TPC 6.25mW/MHz: without TPC	1.25mW/MHz: with TPC 0.625mW/MHz: without TPC

15.3. Block diagram of test setup



15.4. Test Procedure

Table No.45 related to Article 2 Paragraph 1 of Item 19-3of Ordinance Concerning Technical

15.5. Test result

Test Condition	Test Mode	Antenna	Freq (MHz)	Result (dBm)	Max Ant Gain (dBi)	EIRP Result (mW)	Limit (mW)	Verdict
NTNV	11A	Ant1	5180	0.81	4.62	3.491	≤10	PASS
		Ant2	5180	0.00	3.9	2.455	≤10	PASS
		Ant1	5200	1.61	4.62	4.198	≤10	PASS
		Ant2	5200	-0.27	3.9	2.307	≤10	PASS
		Ant1	5220	0.85	4.62	3.524	≤10	PASS
		Ant2	5220	0.83	3.9	2.972	≤10	PASS
		Ant1	5240	0.27	4.62	3.083	≤10	PASS
		Ant2	5240	-0.74	3.9	2.070	≤10	PASS
	11N20SISO	Ant1	5180	0.41	4.62	3.184	≤10	PASS
		Ant2	5180	0.00	3.9	2.455	≤10	PASS
		Ant1	5200	1.36	4.62	3.963	≤10	PASS
		Ant2	5200	0.00	3.9	2.455	≤10	PASS
		Ant1	5220	0.00	4.62	2.897	≤10	PASS
		Ant2	5220	0.70	3.9	2.884	≤10	PASS
		Ant1	5240	-0.18	4.62	2.780	≤10	PASS
		Ant2	5240	0.00	3.9	2.455	≤10	PASS
	11N40SISO	Ant1	5190	-2.02	4.62	1.820	≤5	PASS
		Ant2	5190	-2.47	3.9	1.390	≤5	PASS
		Ant1	5230	-2.30	4.62	1.706	≤5	PASS
		Ant2	5230	-2.65	3.9	1.334	≤5	PASS
	11AC20SISO	Ant1	5180	-1.98	4.62	1.837	≤10	PASS
		Ant2	5180	1.38	3.9	3.373	≤10	PASS
		Ant1	5200	0.00	4.62	2.897	≤10	PASS
		Ant2	5200	0.00	3.9	2.455	≤10	PASS
		Ant1	5220	-1.70	4.62	1.959	≤10	PASS
		Ant2	5220	0.00	3.9	2.455	≤10	PASS
		Ant1	5240	-2.32	4.62	1.698	≤10	PASS
		Ant2	5240	0.00	3.9	2.455	≤10	PASS
	11AC40SISO	Ant1	5190	0.00	4.62	2.897	≤5	PASS
		Ant2	5190	0.00	3.9	2.455	≤5	PASS
		Ant1	5230	-2.81	4.62	1.517	≤5	PASS
		Ant2	5230	-3.30	3.9	1.148	≤5	PASS
	11AC80SISO	Ant1	5210	0.00	4.62	2.897	≤2.5	PASS
		Ant2	5210	-5.93	3.9	0.627	≤2.5	PASS
	11AX20SISO	Ant1	5180	1.23	4.62	3.846	≤10	PASS
		Ant2	5180	0.00	3.9	2.455	≤10	PASS
		Ant1	5200	0.00	4.62	2.897	≤10	PASS
		Ant2	5200	0.00	3.9	2.455	≤10	PASS
		Ant1	5220	0.00	4.62	2.897	≤10	PASS
		Ant2	5220	0.00	3.9	2.455	≤10	PASS
		Ant1	5240	0.00	4.62	2.897	≤10	PASS
		Ant2	5240	-0.13	3.9	2.382	≤10	PASS
	11AX40SISO	Ant1	5190	-1.95	4.62	1.849	≤5	PASS
		Ant2	5190	-2.67	3.9	1.327	≤5	PASS
		Ant1	5230	-4.21	4.62	1.099	≤5	PASS
		Ant2	5230	-4.10	3.9	0.955	≤5	PASS
	11AX80SISO	Ant1	5210	0.00	4.62	0.632	≤2.5	PASS
		Ant2	5210	-6.15	3.9	0.153	≤2.5	PASS
	11N20MIMO	Ant1	5180	0.00	4.62	2.897	≤10	PASS
		Ant2	5180	0.61	3.9	2.825	≤10	PASS
		total	5180	3.33	--	5.722	≤10	PASS
		Ant1	5200	-1.83	4.62	1.901	≤10	PASS
		Ant2	5200	0.00	3.9	2.455	≤10	PASS
		total	5200	2.19	--	4.356	≤10	PASS
		Ant1	5220	0.00	4.62	2.897	≤10	PASS
		Ant2	5220	0.00	3.9	2.455	≤10	PASS
		total	5220	3.01	--	5.352	≤10	PASS
		Ant1	5240	-0.47	4.62	2.600	≤10	PASS
		Ant2	5240	0.00	3.9	2.455	≤10	PASS
		total	5240	2.78	--	5.055	≤10	PASS
	11N40MIMO	Ant1	5190	-3.08	4.62	1.426	≤5	PASS

		Ant2	5190	0.00	3.9	2.455	≤5	PASS
		total	5190	1.74	--	3.881	≤5	PASS
		Ant1	5230	-3.53	4.62	1.285	≤5	PASS
		Ant2	5230	-3.45	3.9	1.109	≤5	PASS
		total	5230	-0.48	--	2.394	≤5	PASS
	11AC20MIMO	Ant1	5180	0.00	4.62	2.897	≤10	PASS
		Ant2	5180	0.36	3.9	2.667	≤10	PASS
		total	5180	3.19	--	5.564	≤10	PASS
		Ant1	5200	0.45	4.62	3.214	≤10	PASS
		Ant2	5200	-0.14	3.9	2.377	≤10	PASS
		total	5200	3.18	--	5.591	≤10	PASS
		Ant1	5220	0.37	4.62	3.155	≤10	PASS
		Ant2	5220	0.00	3.9	2.455	≤10	PASS
		total	5220	3.20	--	5.610	≤10	PASS
		Ant1	5240	-1.05	4.62	2.275	≤10	PASS
		Ant2	5240	-0.26	3.9	2.312	≤10	PASS
		total	5240	2.37	--	4.587	≤10	PASS
	11AC40MIMO	Ant1	5190	0.00	4.62	2.897	≤5	PASS
		Ant2	5190	0.00	3.9	2.455	≤5	PASS
		total	5190	3.01	--	5.352	≤5	PASS
		Ant1	5230	-3.55	4.62	1.279	≤5	PASS
		Ant2	5230	-3.21	3.9	1.172	≤5	PASS
	11AC80MIMO	total	5230	-0.37	--	2.451	≤5	PASS
		Ant1	5210	-5.47	4.62	0.822	≤2.5	PASS
		Ant2	5210	-6.37	3.9	0.566	≤2.5	PASS
	11AX20MIMO	total	5210	-2.89	--	1.388	≤2.5	PASS
		Ant1	5180	0.00	4.62	2.897	≤10	PASS
		Ant2	5180	0.57	3.9	2.799	≤10	PASS
		total	5180	3.30	--	5.696	≤10	PASS
		Ant1	5200	1.20	4.62	3.819	≤10	PASS
		Ant2	5200	0.34	3.9	2.655	≤10	PASS
		total	5200	3.80	--	6.474	≤10	PASS
		Ant1	5220	0.07	4.62	2.944	≤10	PASS
		Ant2	5220	0.00	3.9	2.455	≤10	PASS
		total	5220	3.05	--	5.399	≤10	PASS
		Ant1	5240	0.00	4.62	2.897	≤10	PASS
		Ant2	5240	0.00	3.9	2.455	≤10	PASS
	11AX40MIMO	total	5240	3.01	--	5.352	≤10	PASS
		Ant1	5190	0.00	4.62	2.897	≤5	PASS
		Ant2	5190	-2.75	3.9	1.303	≤5	PASS
		total	5190	1.85	--	4.200	≤5	PASS
		Ant1	5230	0.00	4.62	2.897	≤5	PASS
	11AX80MIMO	Ant2	5230	-2.36	3.9	1.426	≤5	PASS
		total	5230	1.99	--	4.323	≤5	PASS
		Ant1	5210	0.00	4.62	2.897	≤2.5	PASS
		Ant2	5210	-5.21	3.9	0.740	≤2.5	PASS
		total	5210	1.14	--	3.637	≤2.5	PASS

16. DYNAMIC FREQUENCY SELECTION (DFS)

16.1. Test Equipment

No.	Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Due Calibration
1	MXA Signal Analyzer	KEYSIGHT	N9020A	MY50410020	2024/11/10	2025/11/09
2	WIDEBAND RADIO COMMUNICATION TESTER	Rohde & Schwarz	CMW500	161997	2024/11/10	2025/11/09
3	ESG VECTOR SIGNAL GENERATOR	Agilent	E4438C	MY45094854	2024/11/10	2025/11/09
4	MXG Vector Signal Generator	Agilent	N5182A	MY46240163	2024/11/18	2025/11/17
5	Adjustable Direct Current Regulated Power Supply	Dongguan Tongmen Electronic Technology Co., LTD	etm-6050c	20211026123	2024/11/10	2025/11/09
6	RF Control Unit	TST	TST-Full	S01	2024/11/10	2025/11/09
7	RF Test software	TST	V2.0	/	2024/11/10	2025/11/09

Note: The test equipment is calibrated by SINAE METROLOGY & INSPECTION (SHENZHEN)CO.,LTD
Calibration standard: Article 24-2, Paragraph 4 of the Radio Act, method c

16.2. Limit

DFS is required in the frequency ranges 5250MHz to 5350MHz, 5470MHz to 5725MHz. This requirement applies to all types of RLAN devices and to any type of communication between these devices.

16.3. Master equipment requirements

- (1) Before initiating a network on a channel, which has not been identified as an Available Channel, the master device shall perform a Channel Availability Check to ensure that there is no radar operating on the channel.
- (2) During normal operation, the master device shall monitor the Operating Channel (In-Service Monitoring) to ensure that there is no radar operating on the channel. When the master device has detected a radar signal during In-Service Monitoring, the Operating Channel is made unavailable. The master device shall instruct all its associated slave devices to stop transmitting on this (to become unavailable) channel.
- (3) The master device shall not resume any transmissions on this Unavailable Channel during a period of time after a radar signal was detected. This period is referred as the Non-Occupancy Period.

16.4. Slave device requirements

Not Applicable.

16.5. DFS requirement

Requirement	Master	Slave
Channel Availability Check Time	V	X
Channel Move Time	V	V
Channel Closing Transmission Time	V	V
Non-Occupancy Period	V	X

16.6. DFS requirement values

16.7. Setting

The following table is the setting of the spectrum analyzer, data generator and signal generator.

Spectrum Parameter	Setting
Attenuation	10 dB
Span Frequency	0 MHz
RBW	1 MHz
VBW	3 MHz
Sweep Time	More than DFS requirement values

Radar Signal Parameter (Data Generator)				
Radar type	Pulse Repetition Frequency (Hz)	Pulse Width (usec.)	Number of Pulses	Radar Detection Probability
DFS-J2-1(W53)	700	1	18	60% or more
DFS-J2-2(W53)	260	2.5	18	60% or more
DFS-J2-1(W56)	720	0.5	18	60% or more
DFS-J2-2(W56)	250	2.0	18	60% or more
DFS-US-1(W56)	700	1.0	18	60% or more
DFS-US-2(W56)	4347-6667	1.0-5.0	23-29	60% or more
DFS-US-3(W56)	2000-5000	6.0-10	16-18	60% or more
DFS-US-4(W56)	2000-5000	11-20	12-16	60% or more
DFS-US-5	500-1000	50-100	1-3	80% or more
DFS-US-6	3000	1	9	70% or more
Aggregate (6 Radar Types) must be:				80% or more

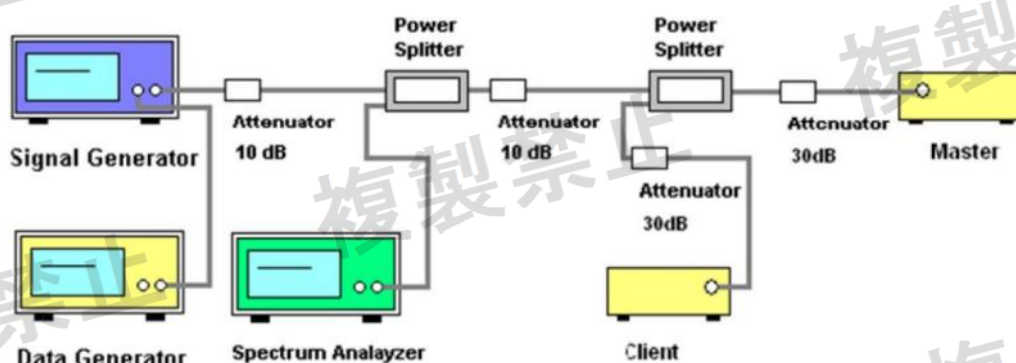
Signal Generator Parameter	Setting
Pulse	External Trigger
ALC	Off
Power Level	Interference Detection Threshold + G [dBi]

DFS Threshold Level	
maximum EIRP < 200mW. DFS Detection Threshold Level is (-62dBm) + GANT	
maximum EIRP ≥ 200mW. DFS Detection Threshold Level is (-64dBm) + GANT	
Note 1: W53 band (5250-5350 MHz) DFS Detection Threshold (dBm) = -62 + G 5.84(dBi) The DFS Detection Threshold Level is (-62dBm) + 5.84 dBi = -56.16 dBm Note 2: W56 band (5470-5725 MHz) DFS Detection Threshold (dBm) = -62 + G 5.84 (dBi) The DFS Detection Threshold Level is (-62dBm) + 5.84 dBi = -56.16 dBm	

16.8. Test procedure

Please refer to the MIC public notice 88:2004, annex 45.

16.9. Test setup



16.10.Radar test result

N/A

The product do not support the DFS function

17. Photos of test setup

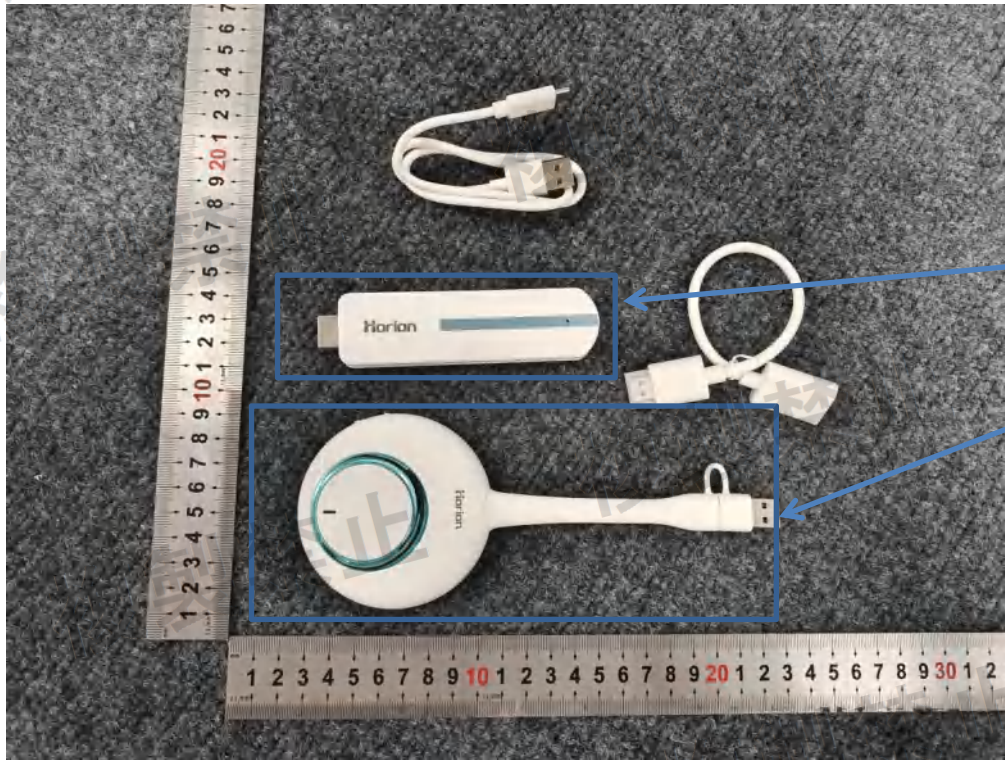


TX



RX

18. EUT Photo



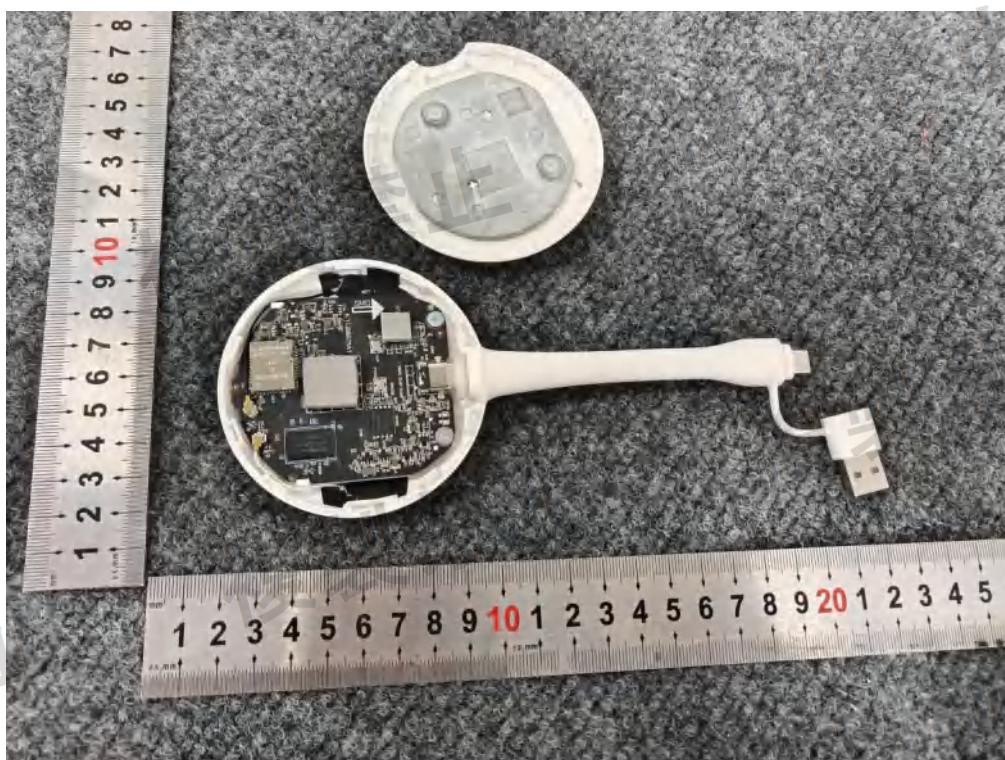
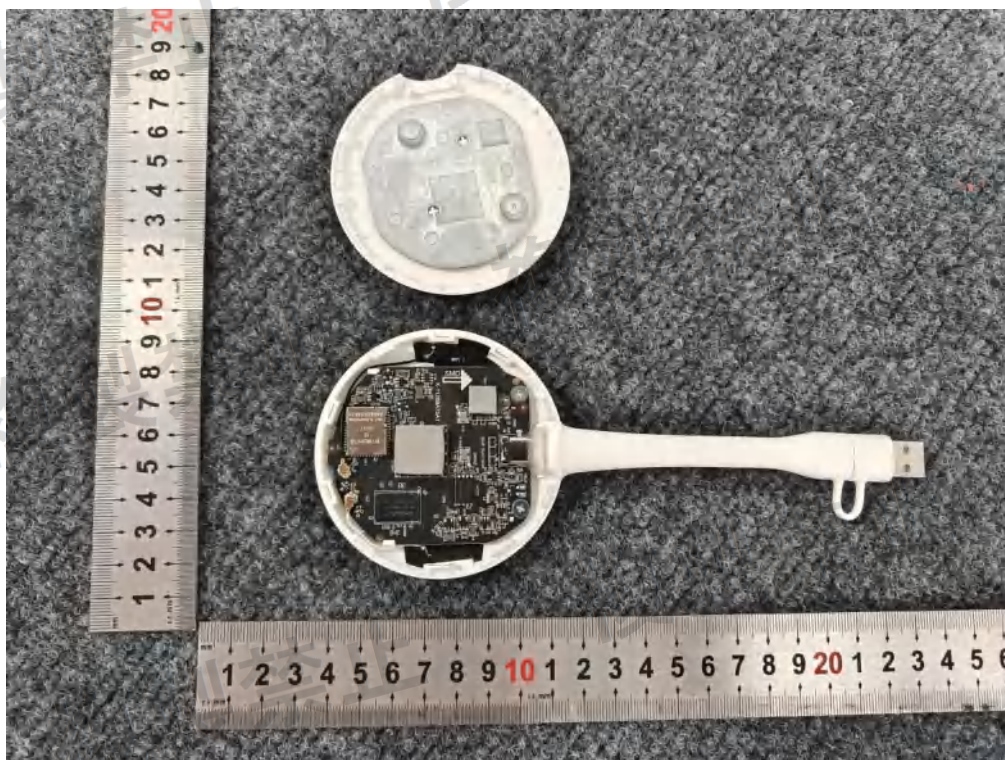
HG-2SN is the combination of transmitter(HT-6NA model) and receiver

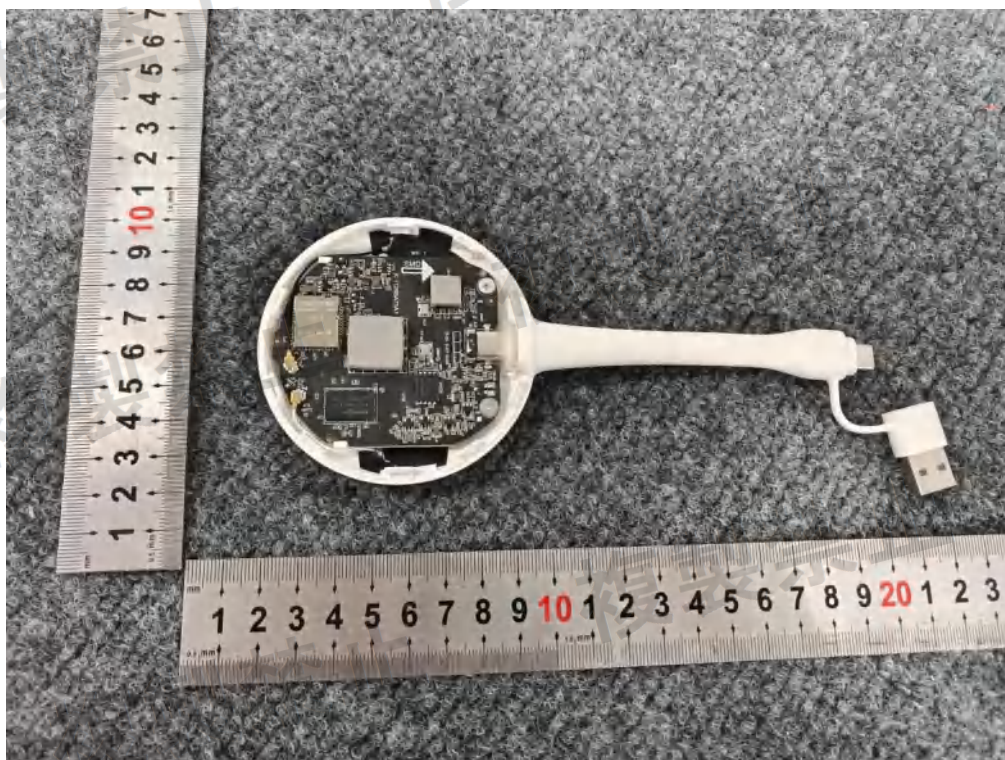
HT-6NA(only TX Unit):

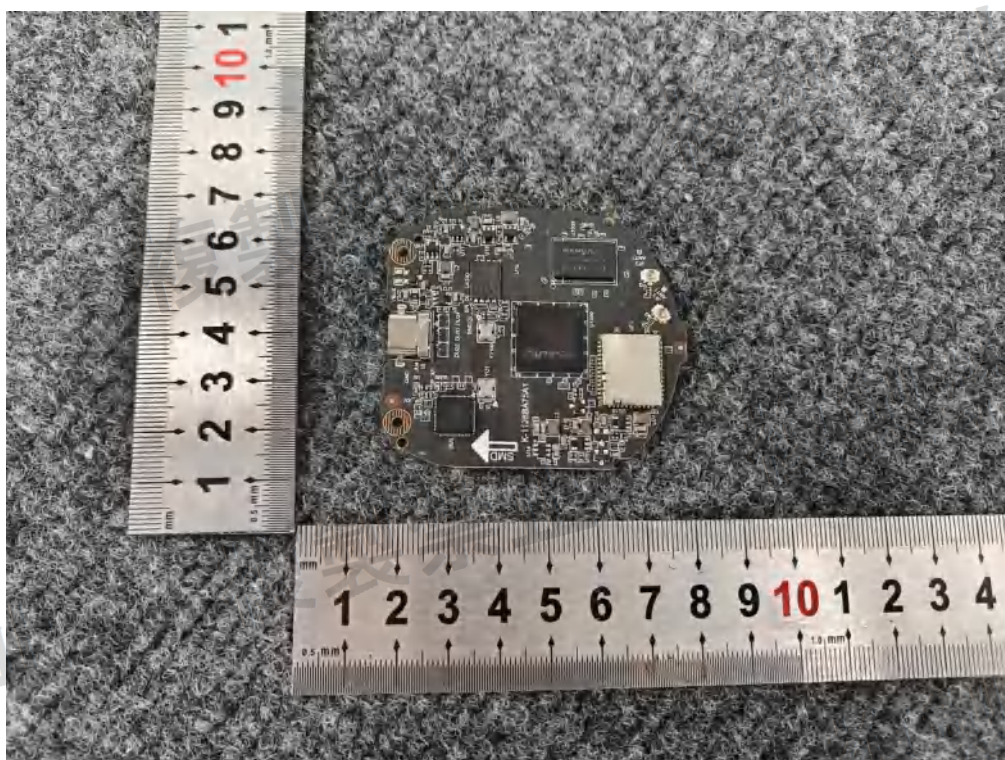
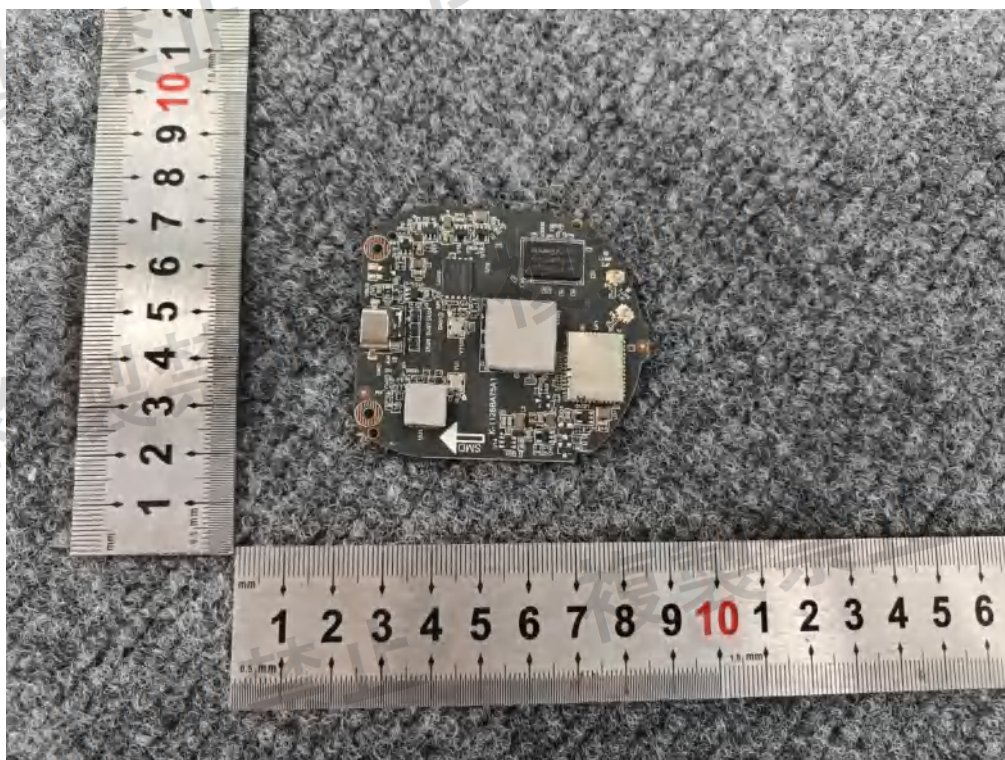


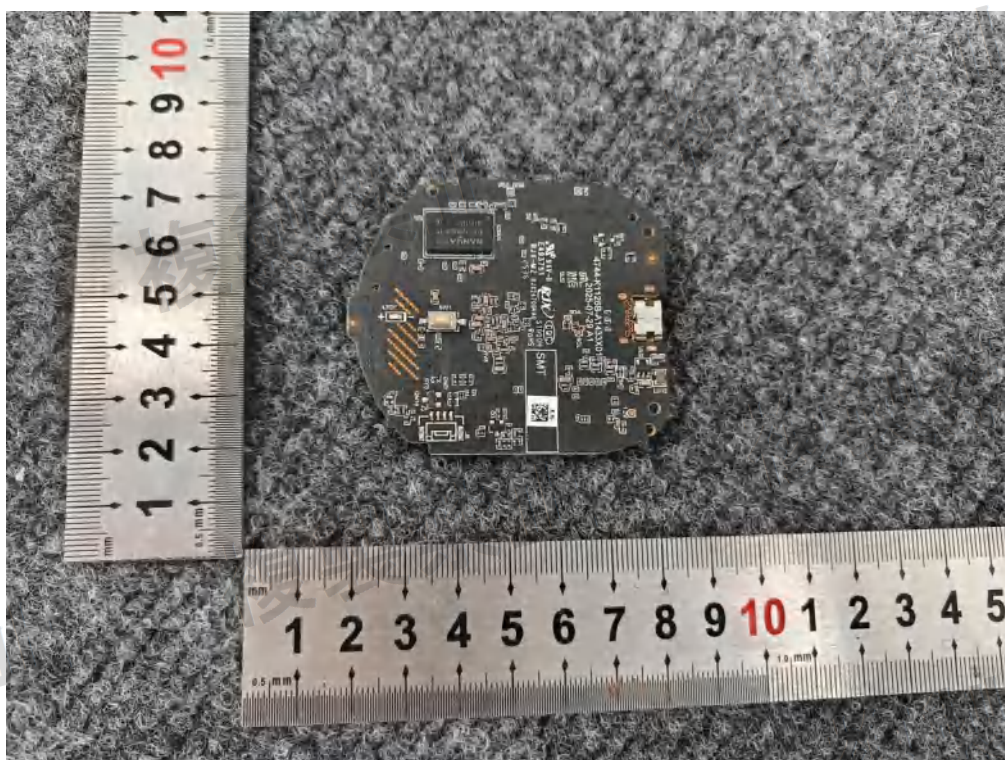
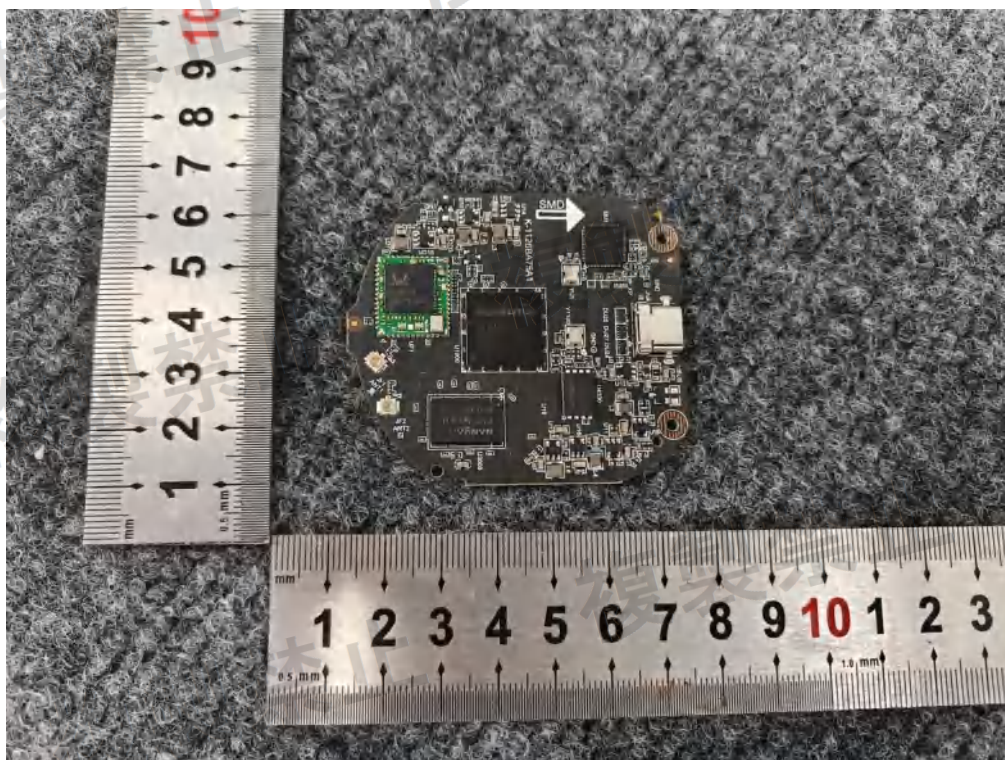












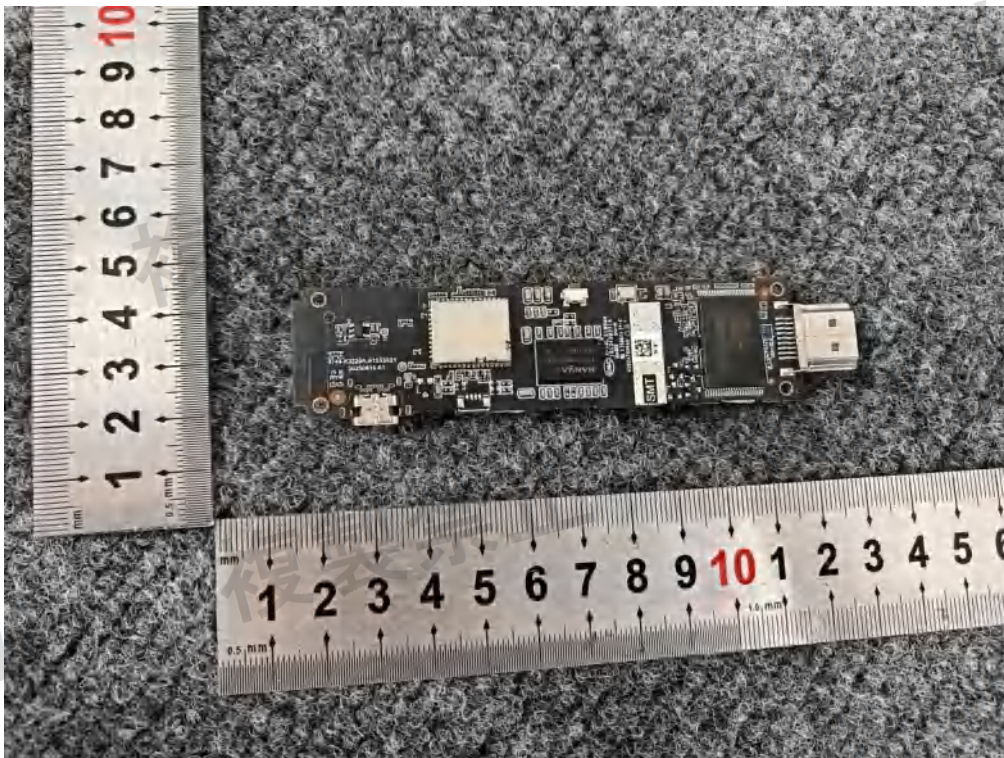
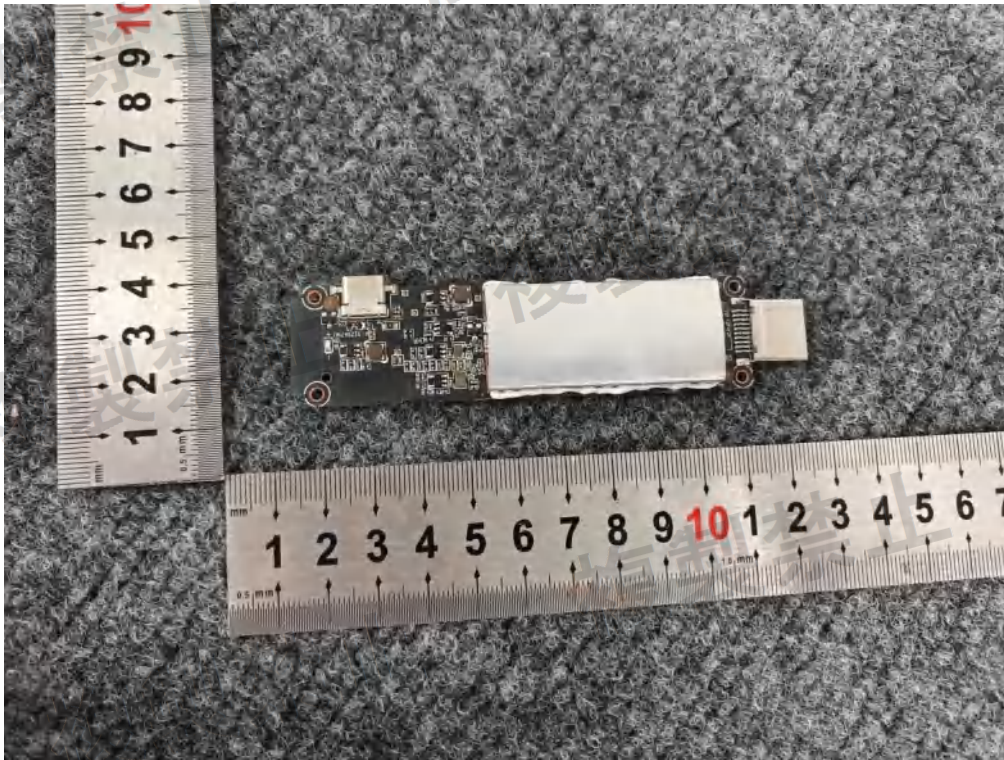
RX Unit:

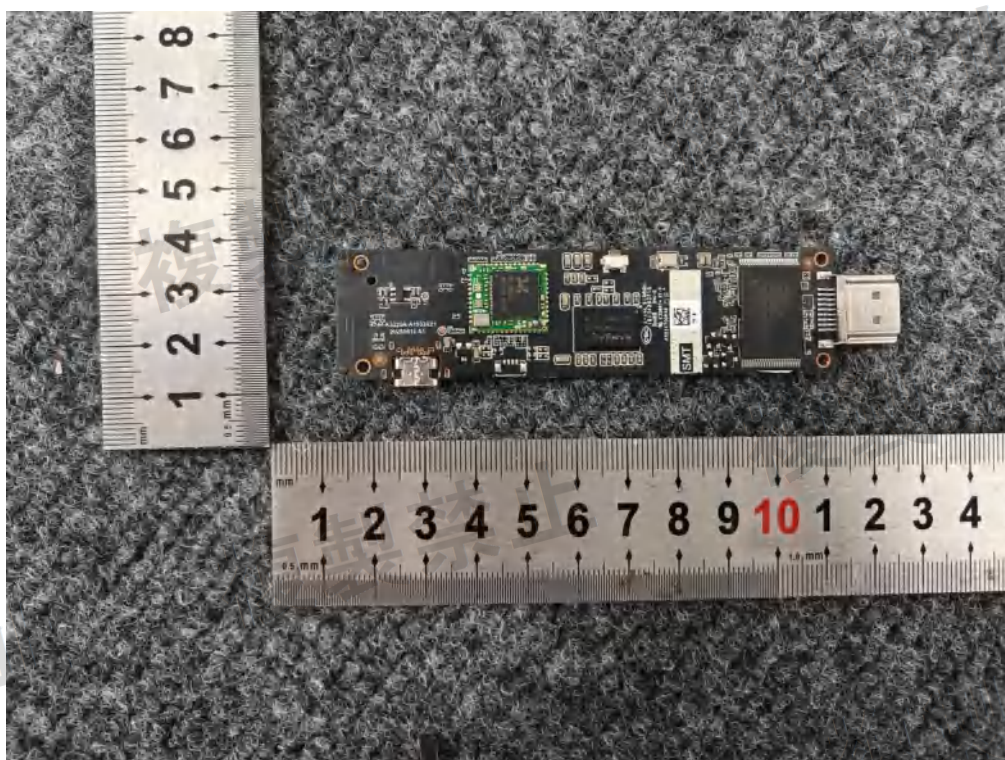
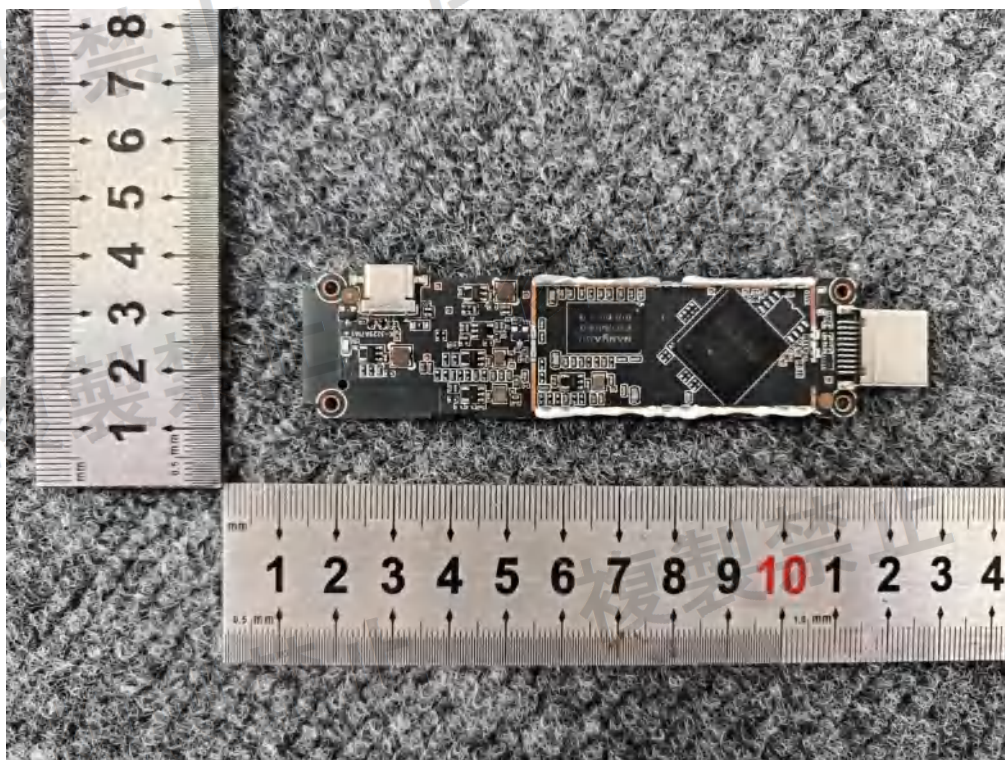












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