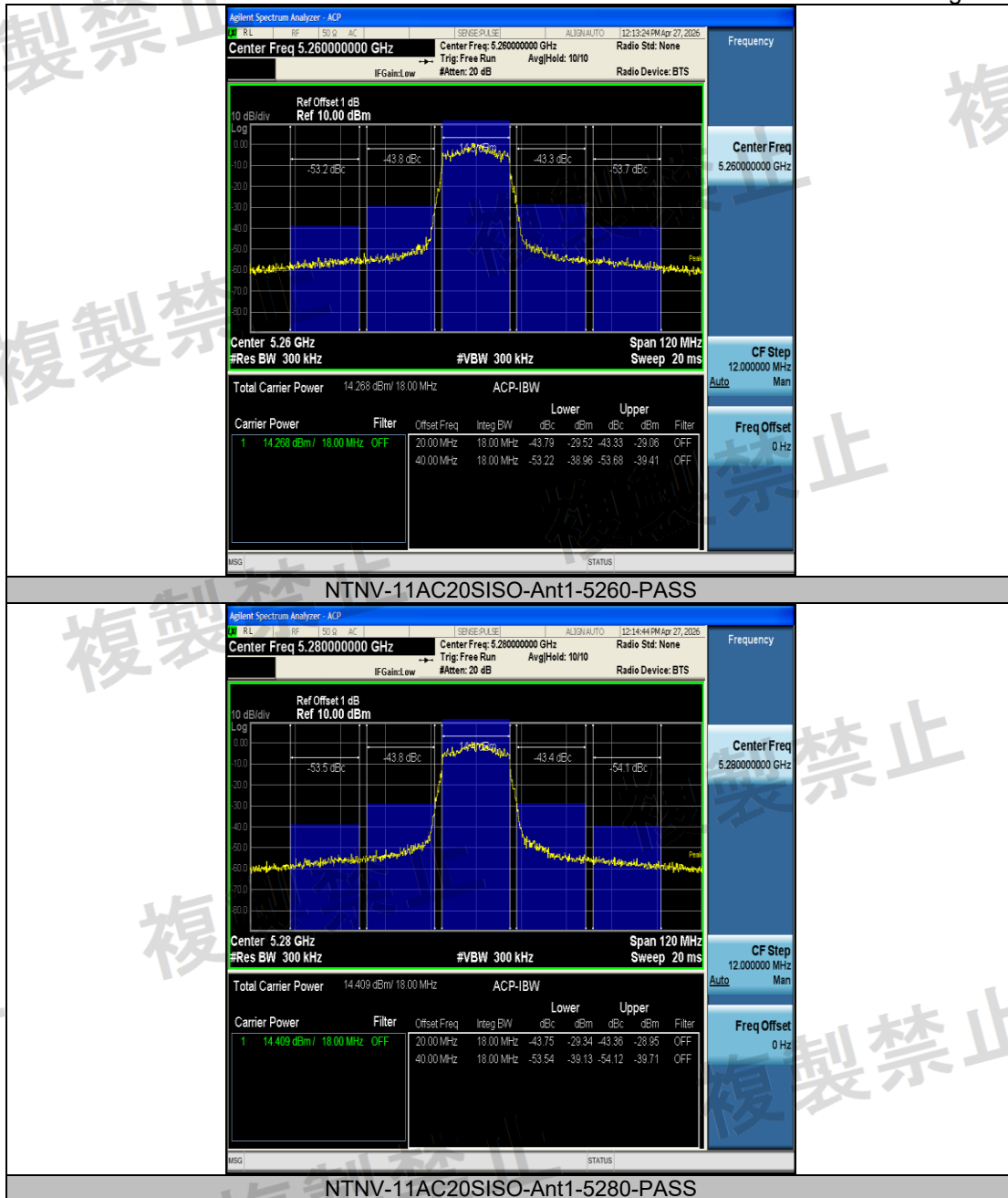
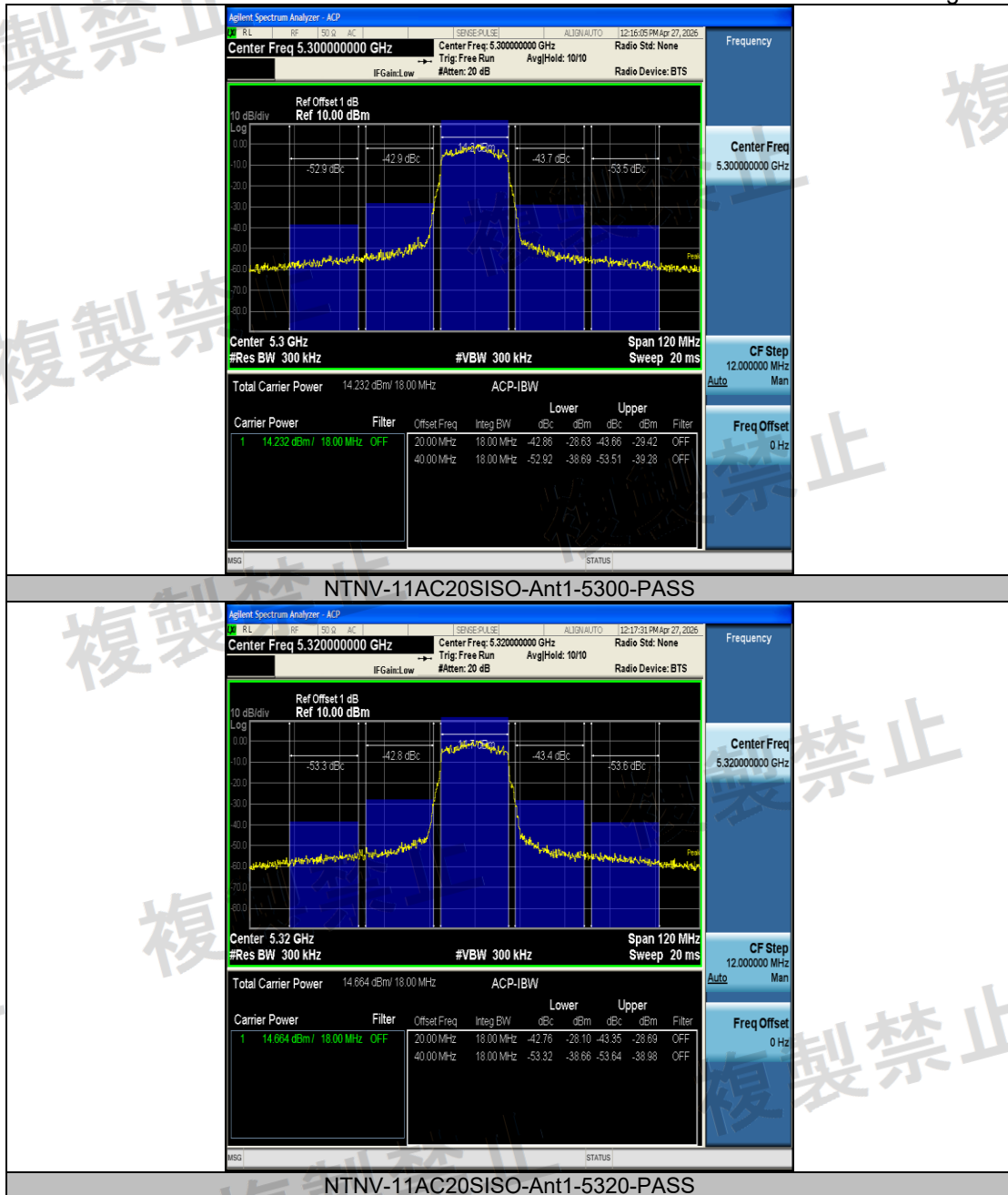
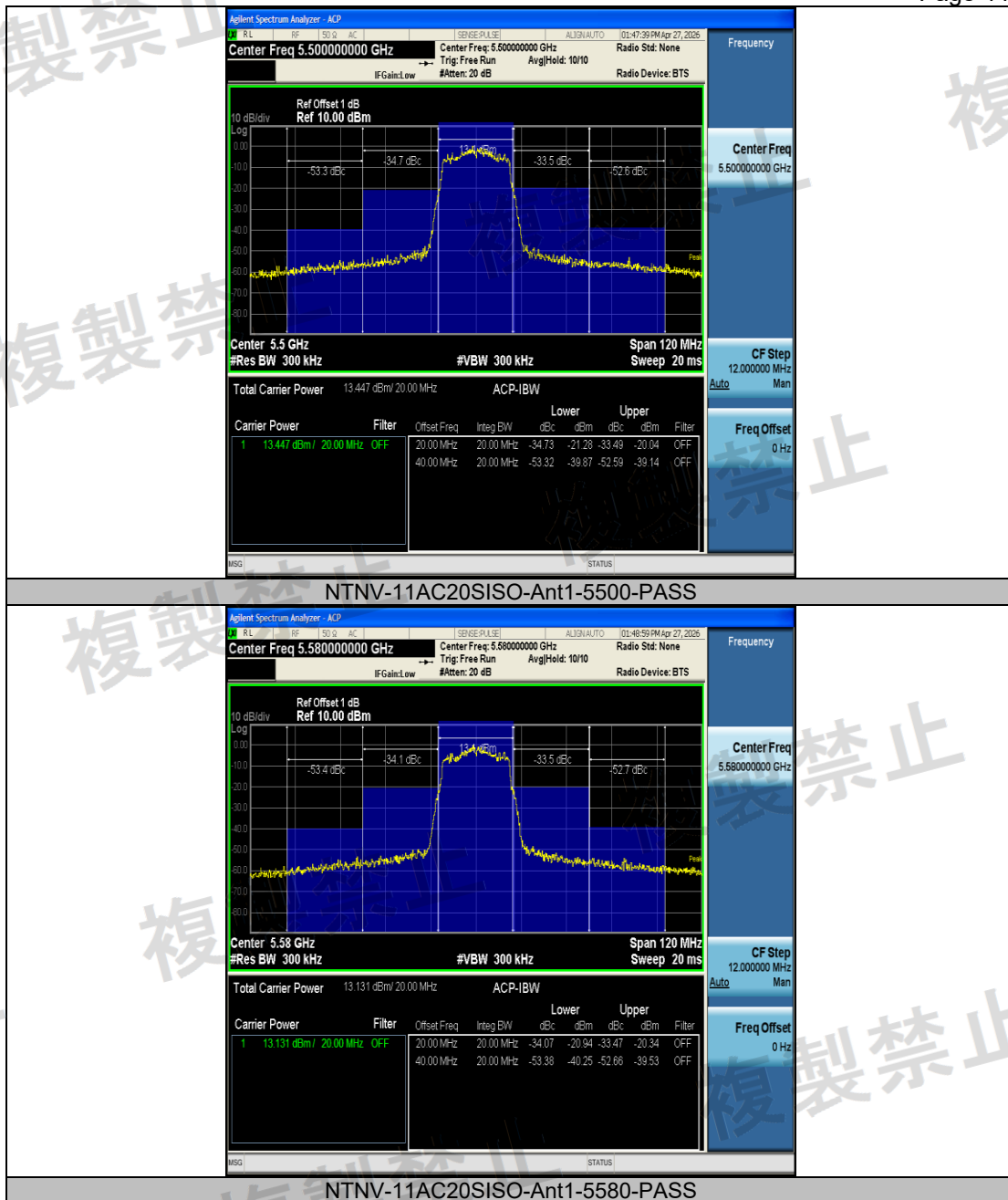
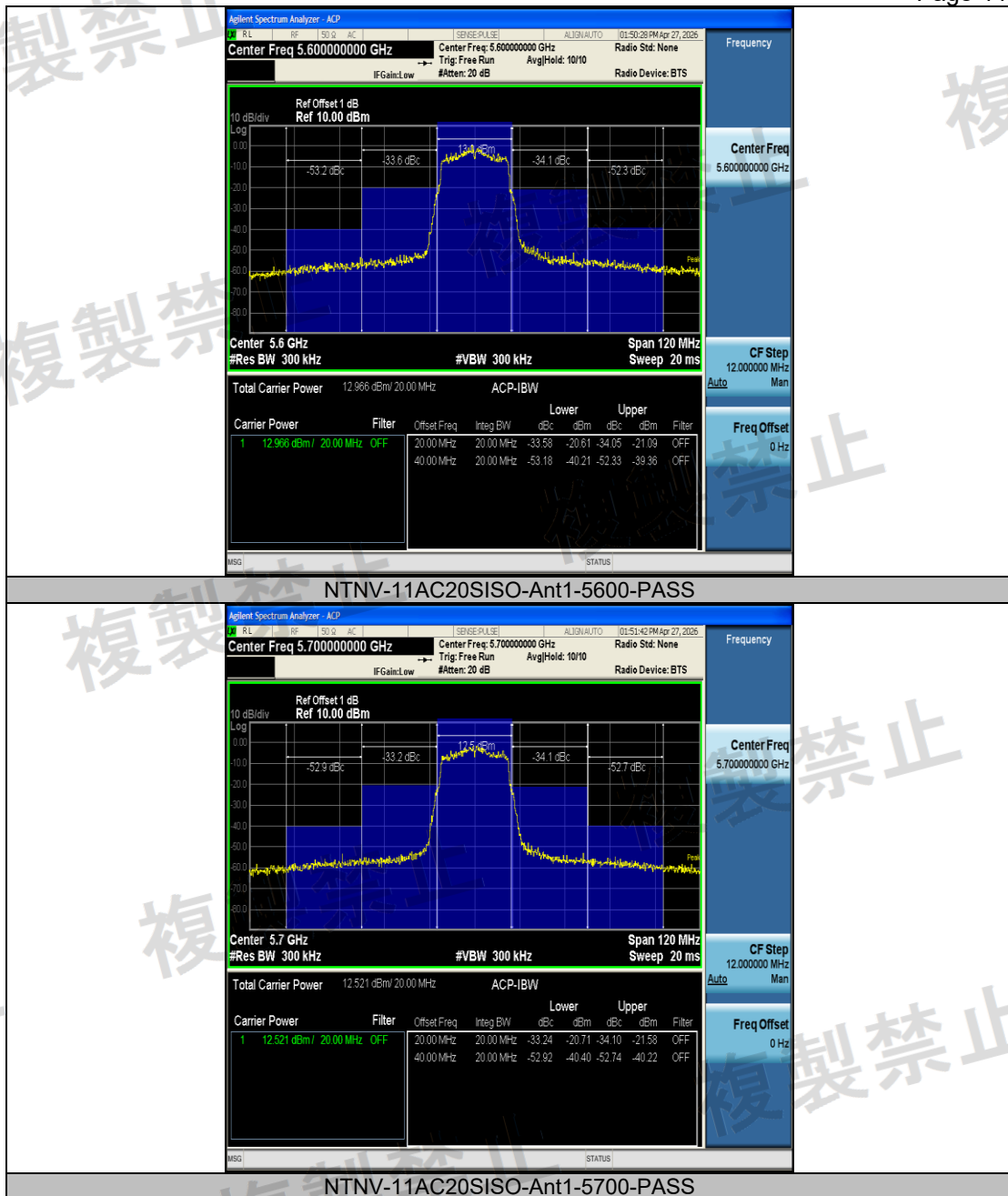
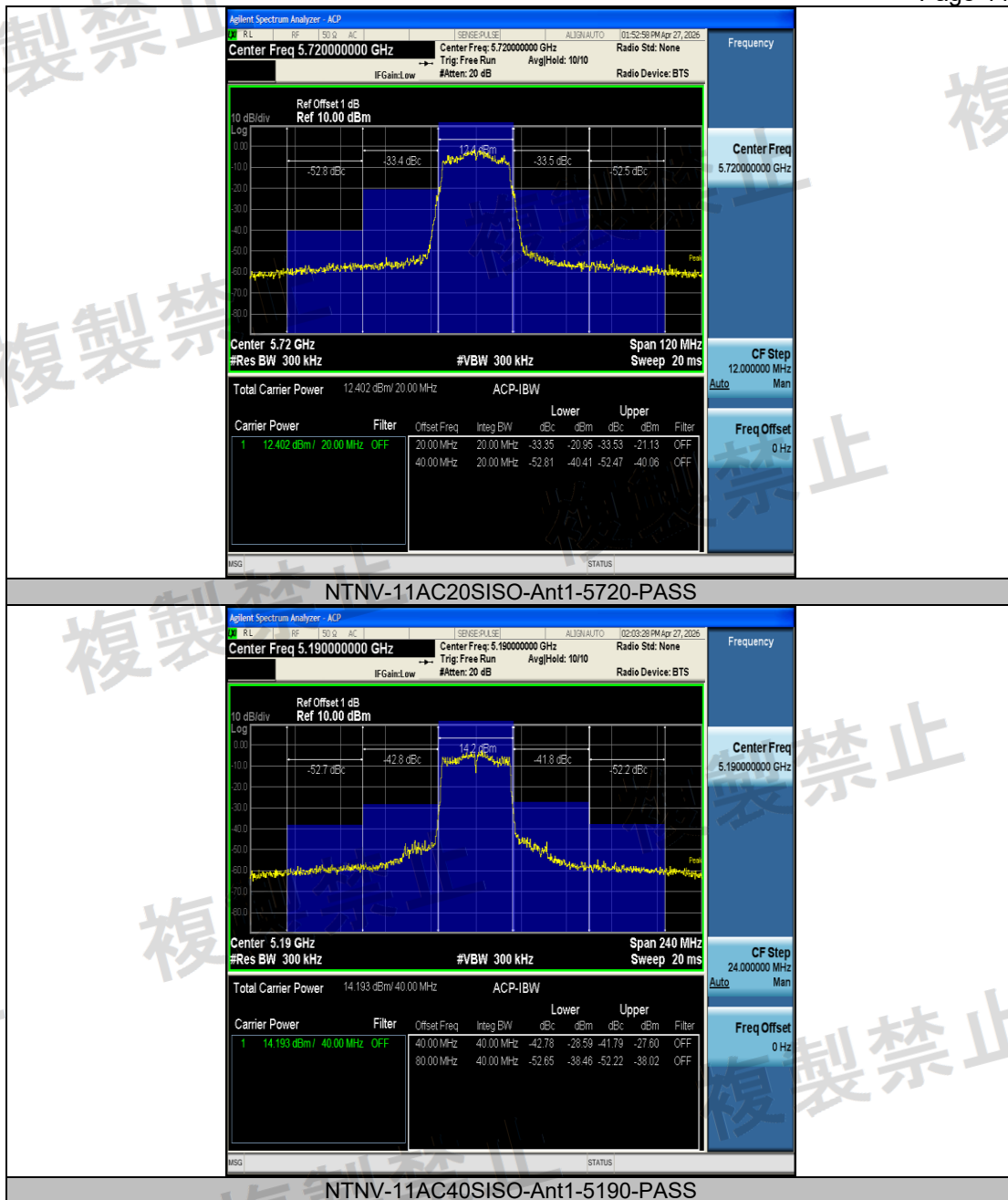


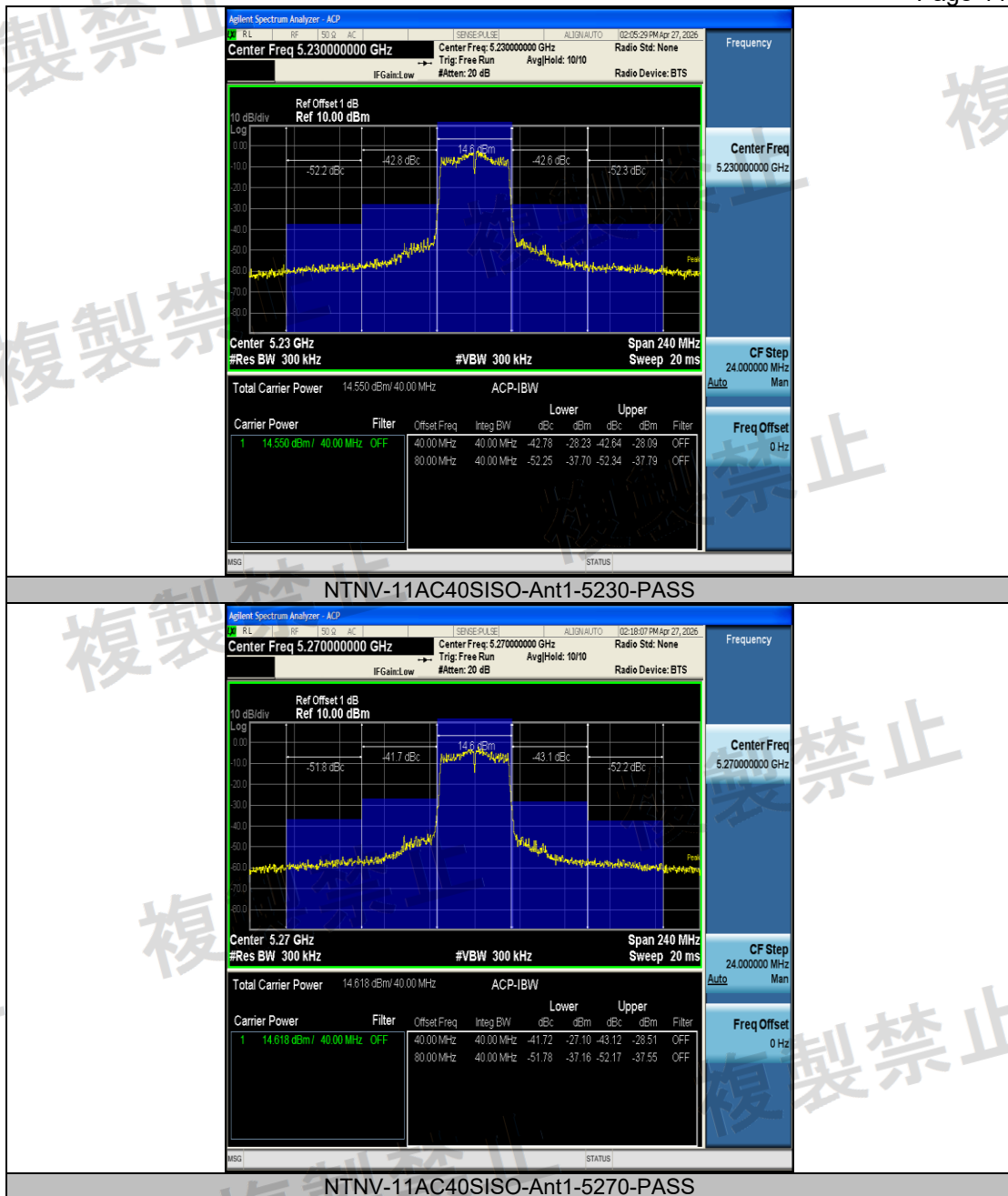


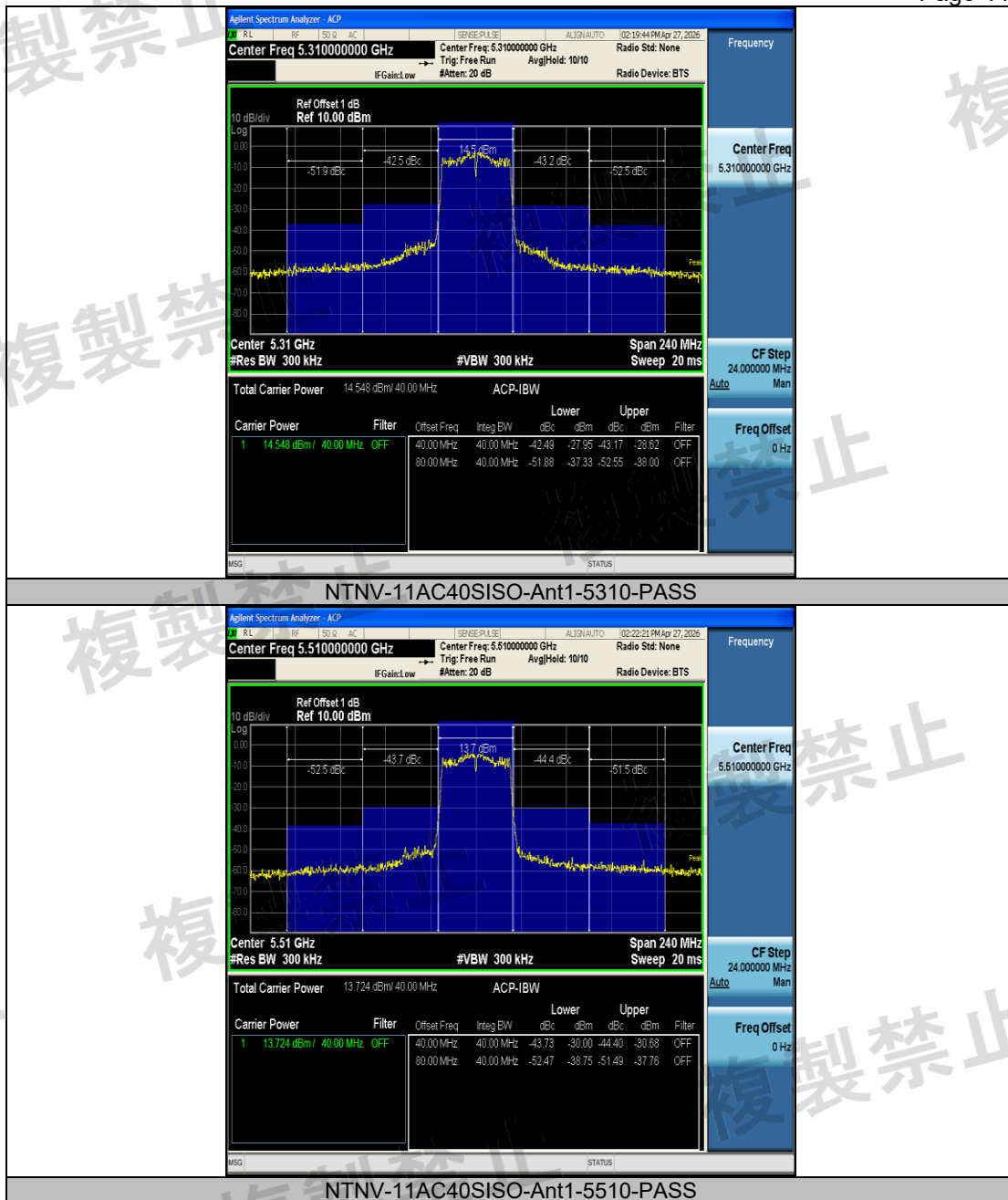


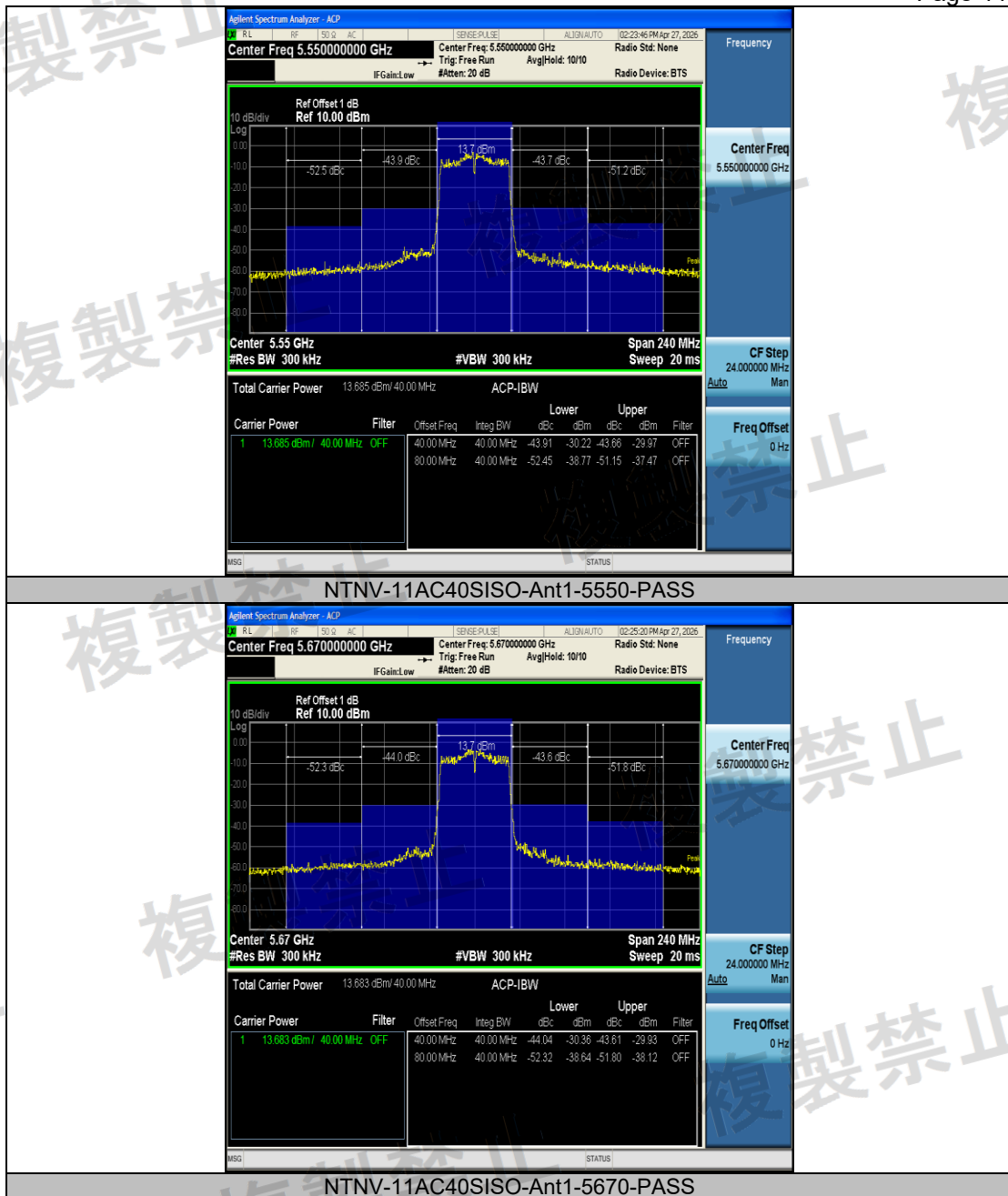


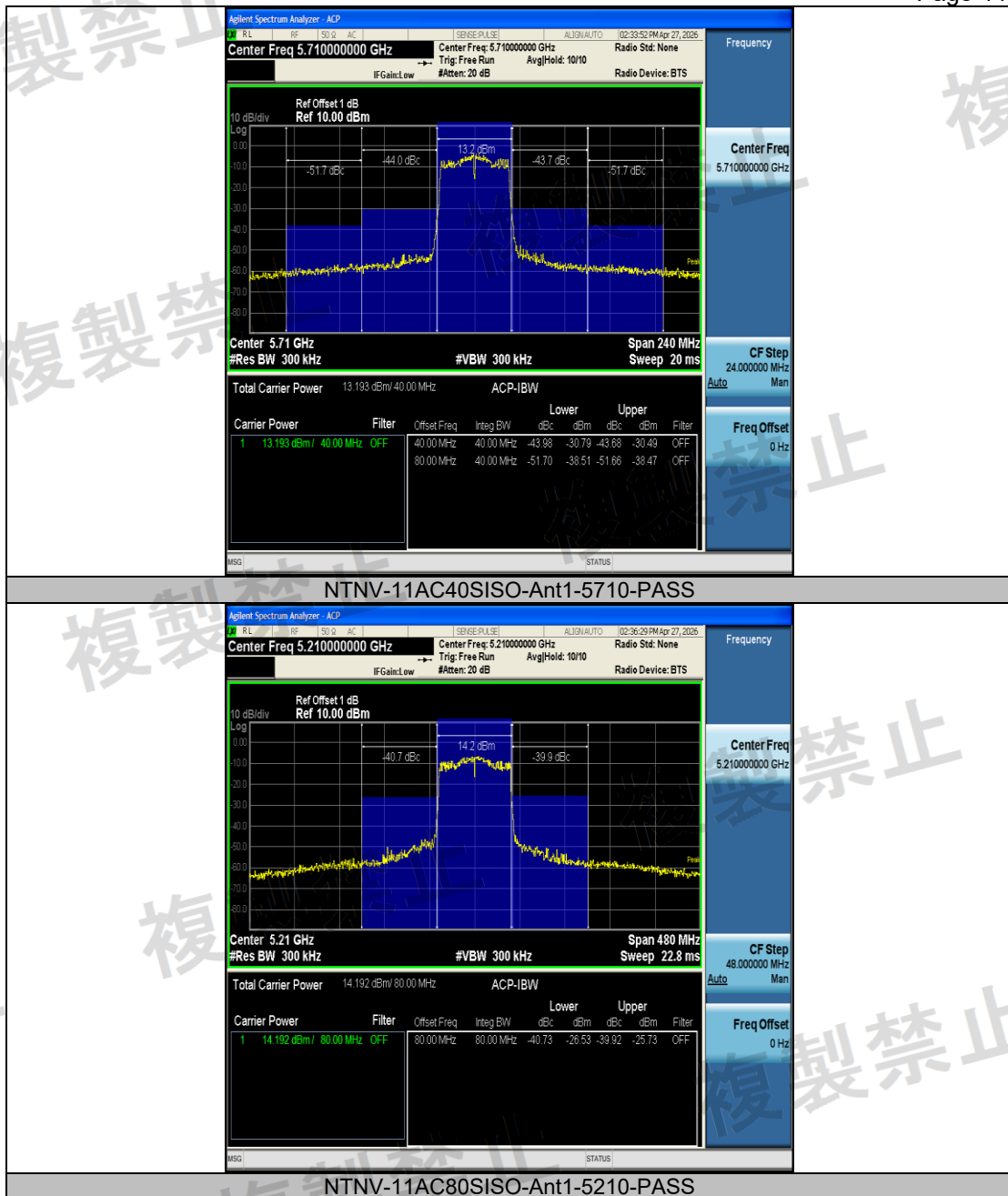


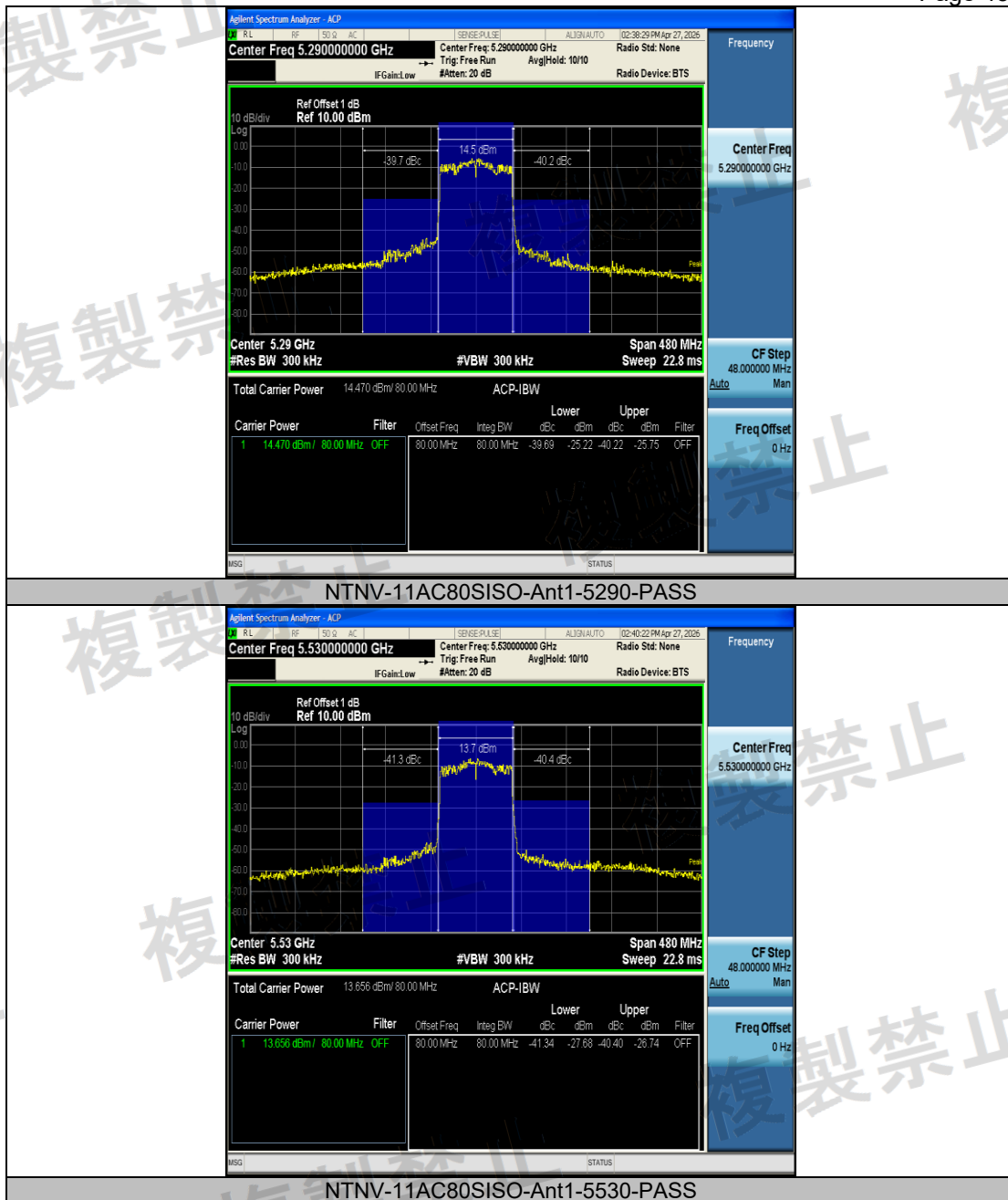


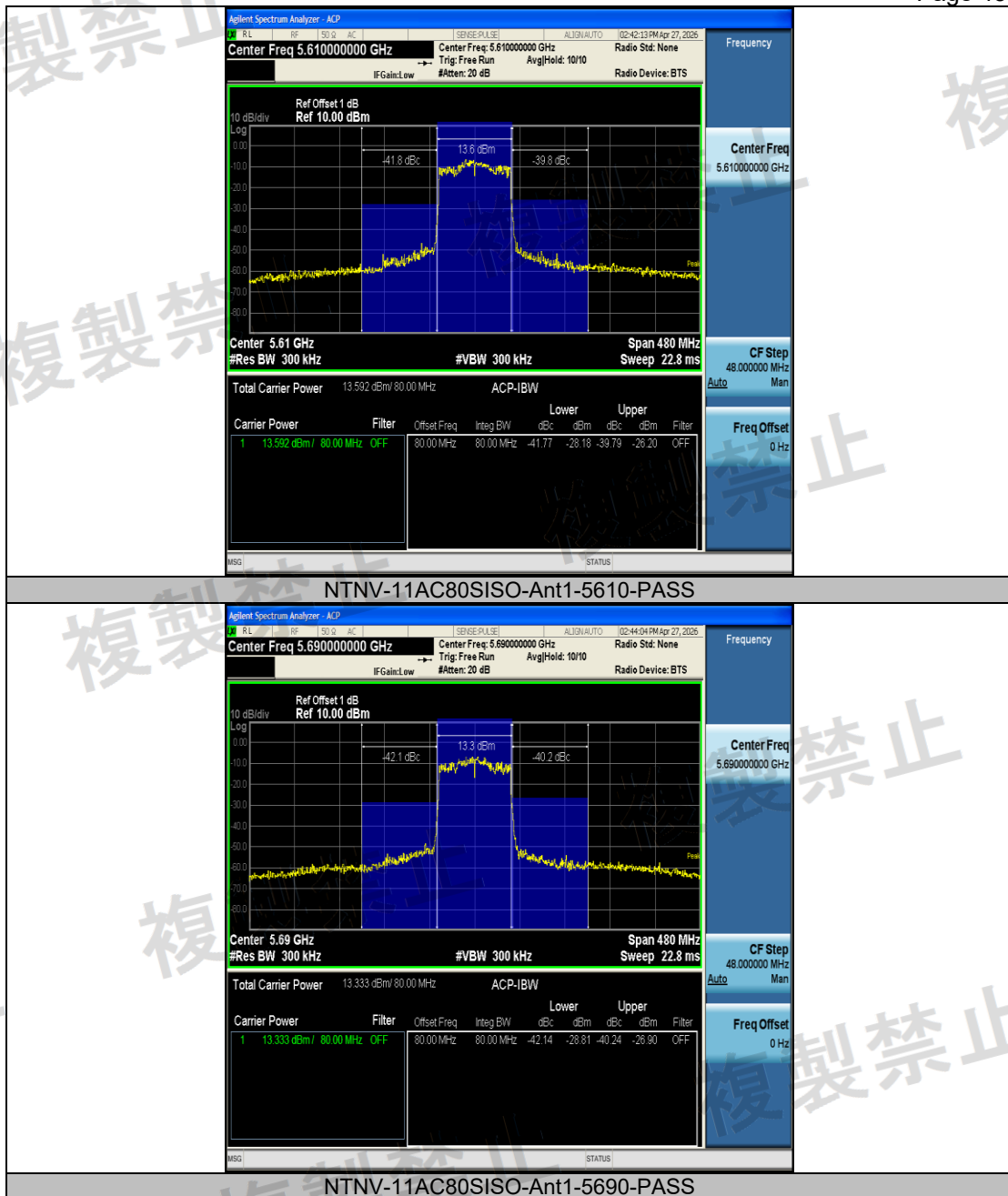








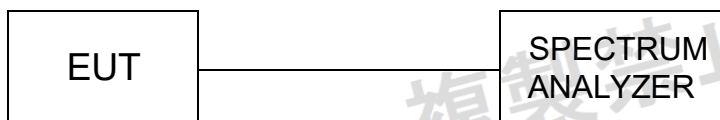






4.8. Transmission Burst Length Measurement

TEST CONFIGURATION



TEST PROCEDURE

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. Set RBW of spectrum analyzer to 8MHz and VBW to 8MHz.
3. Use a video trigger with the trigger level set to enable triggering only on full pulses.
4. Sweep Time is more than once pulse time.
5. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
6. Measure the maximum time duration of one single pulse.

LIMIT

Item	Limits
Transmission burst length	≤8 ms





TEST RESULTS

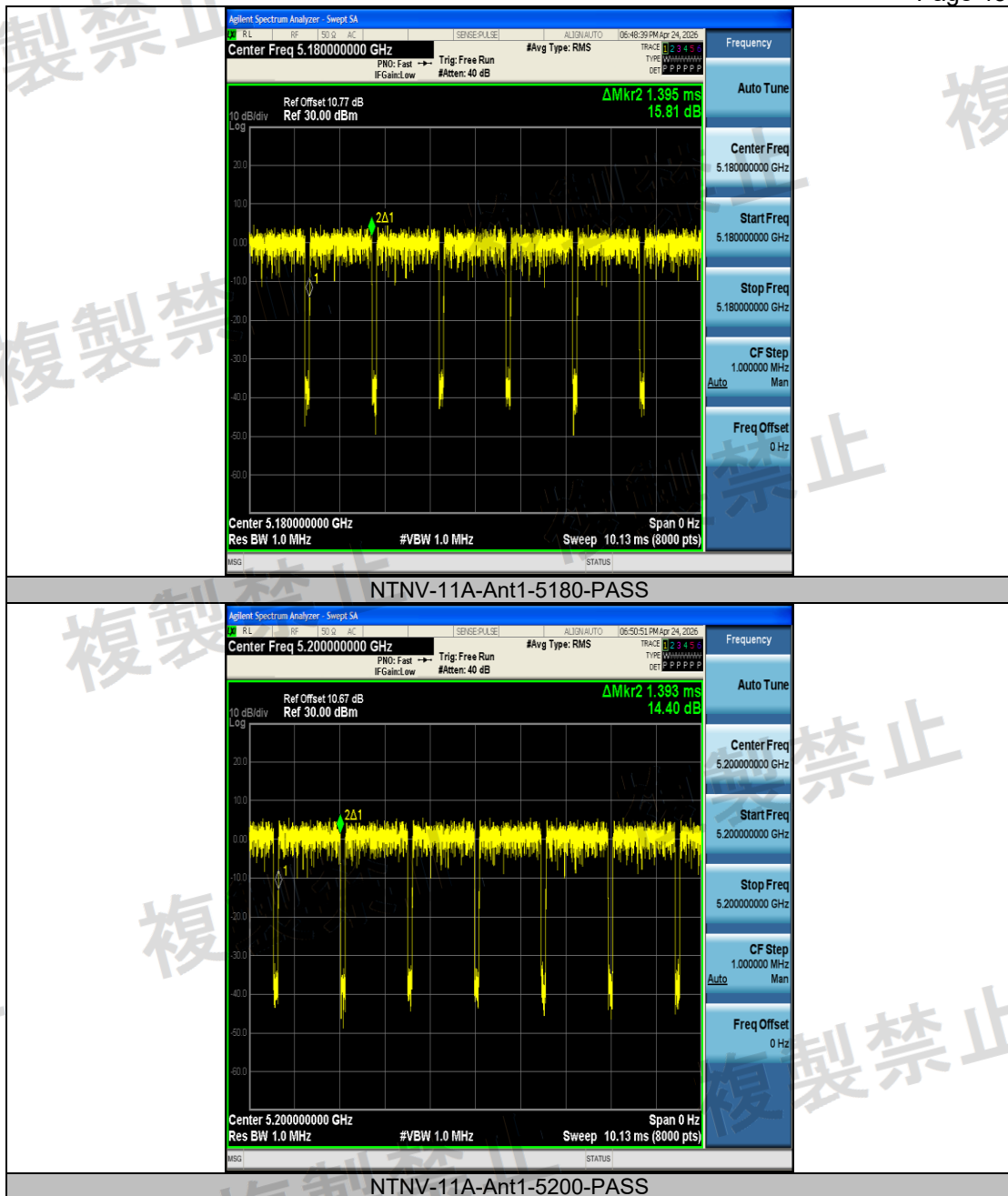
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11A	Ant1	5180	1.39	≤8	PASS
NTNV	11A	Ant1	5200	1.39	≤8	PASS
NTNV	11A	Ant1	5220	1.39	≤8	PASS
NTNV	11A	Ant1	5240	1.39	≤8	PASS
NTNV	11A	Ant1	5260	1.39	≤8	PASS
NTNV	11A	Ant1	5280	1.39	≤8	PASS
NTNV	11A	Ant1	5300	1.39	≤8	PASS
NTNV	11A	Ant1	5320	1.39	≤8	PASS
NTNV	11A	Ant1	5500	1.39	≤8	PASS
NTNV	11A	Ant1	5580	1.39	≤8	PASS
NTLV	11A	Ant1	5600	1.39	≤8	PASS
NTNV	11A	Ant1	5600	1.39	≤8	PASS
NTHV	11A	Ant1	5600	1.39	≤8	PASS
NTNV	11A	Ant1	5700	1.39	≤8	PASS
NTNV	11A	Ant1	5720	1.39	≤8	PASS
NTNV	11N20SIS O	Ant1	5180	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5200	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5220	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5240	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5260	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5280	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5300	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5320	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5500	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5580	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5600	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5700	0.16	≤8	PASS
NTNV	11N20SIS O	Ant1	5720	0.16	≤8	PASS
NTNV	11N40SIS O	Ant1	5190	0.00	≤8	PASS
NTNV	11N40SIS O	Ant1	5230	0.13	≤8	PASS
NTNV	11N40SIS O	Ant1	5270	0.13	≤8	PASS
NTNV	11N40SIS O	Ant1	5310	0.13	≤8	PASS
NTNV	11N40SIS O	Ant1	5510	0.13	≤8	PASS
NTNV	11N40SIS O	Ant1	5550	0.13	≤8	PASS
NTNV	11N40SIS O	Ant1	5670	0.13	≤8	PASS
NTNV	11N40SIS O	Ant1	5710	0.13	≤8	PASS
NTNV	11AC20SIS O	Ant1	5180	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5200	0.20	≤8	PASS

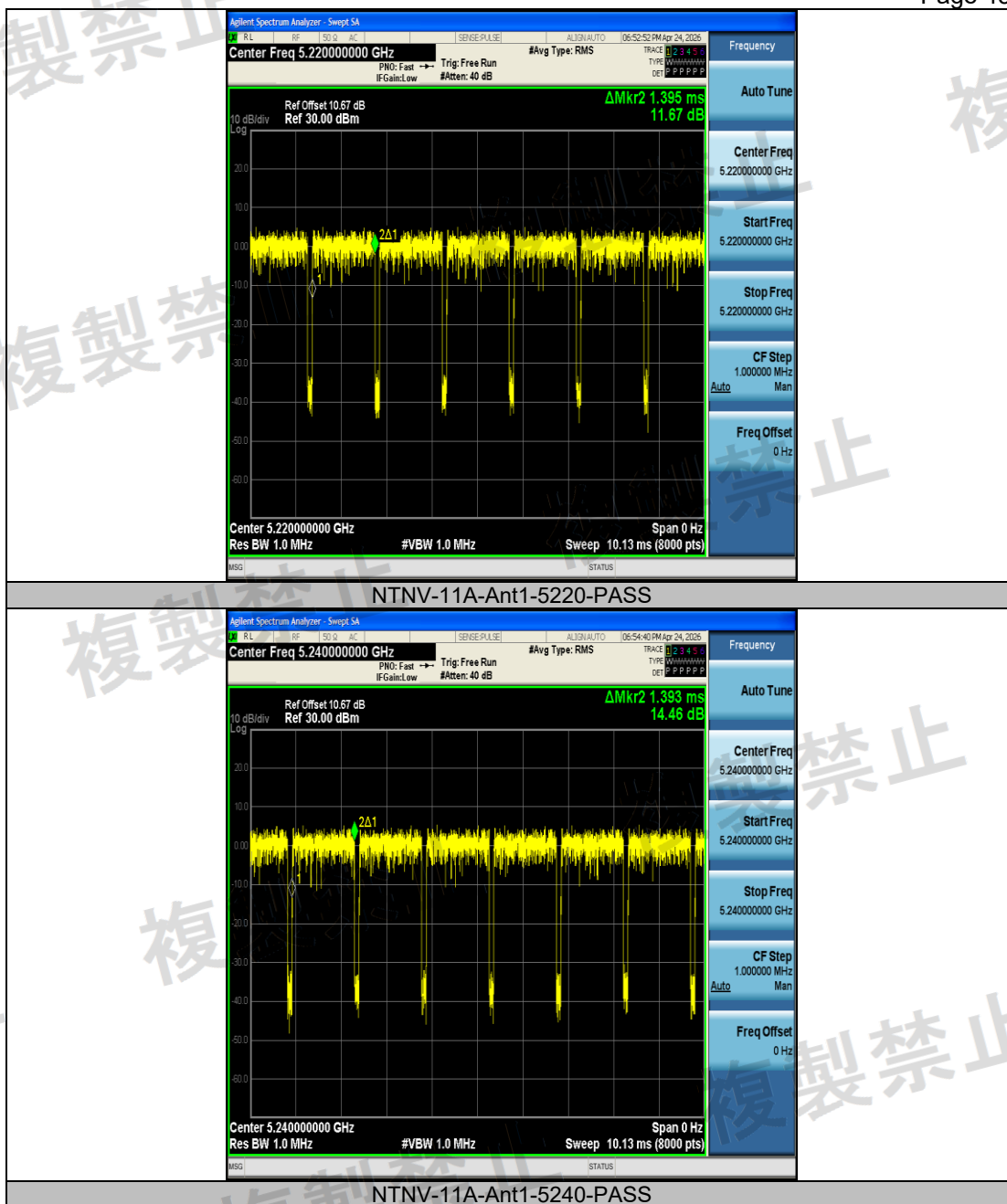




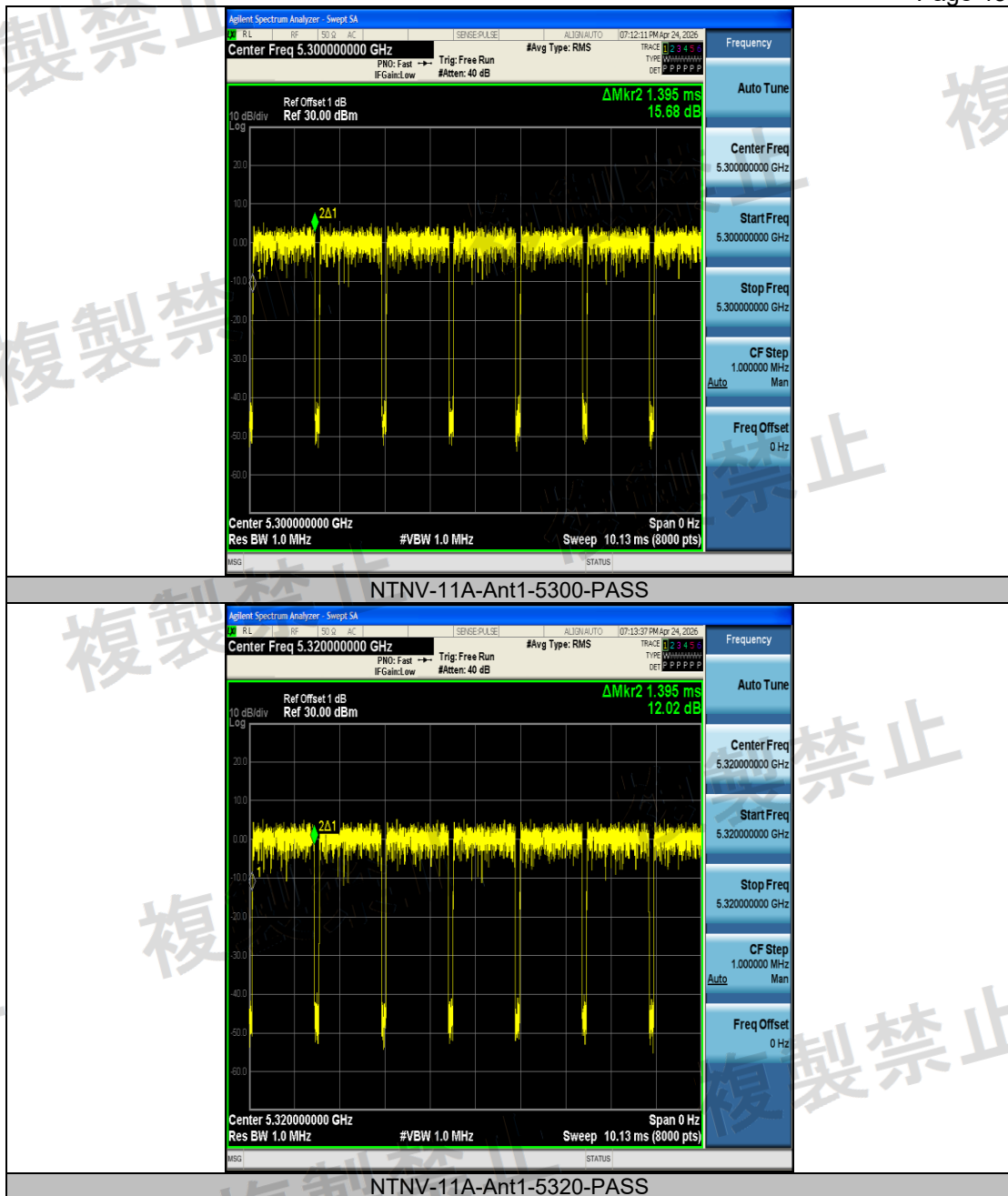
NTNV	11AC20SIS O	Ant1	5220	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5240	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5260	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5280	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5300	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5320	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5500	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5580	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5600	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5700	0.23	≤8	PASS
NTNV	11AC20SIS O	Ant1	5720	0.23	≤8	PASS
NTNV	11AC40SIS O	Ant1	5190	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5230	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5270	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5310	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5510	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5550	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5670	0.13	≤8	PASS
NTNV	11AC40SIS O	Ant1	5710	0.13	≤8	PASS
NTNV	11AC80SIS O	Ant1	5210	0.28	≤8	PASS
NTNV	11AC80SIS O	Ant1	5290	0.28	≤8	PASS
NTNV	11AC80SIS O	Ant1	5530	0.28	≤8	PASS
NTNV	11AC80SIS O	Ant1	5610	0.28	≤8	PASS
NTNV	11AC80SIS O	Ant1	5690	0.28	≤8	PASS

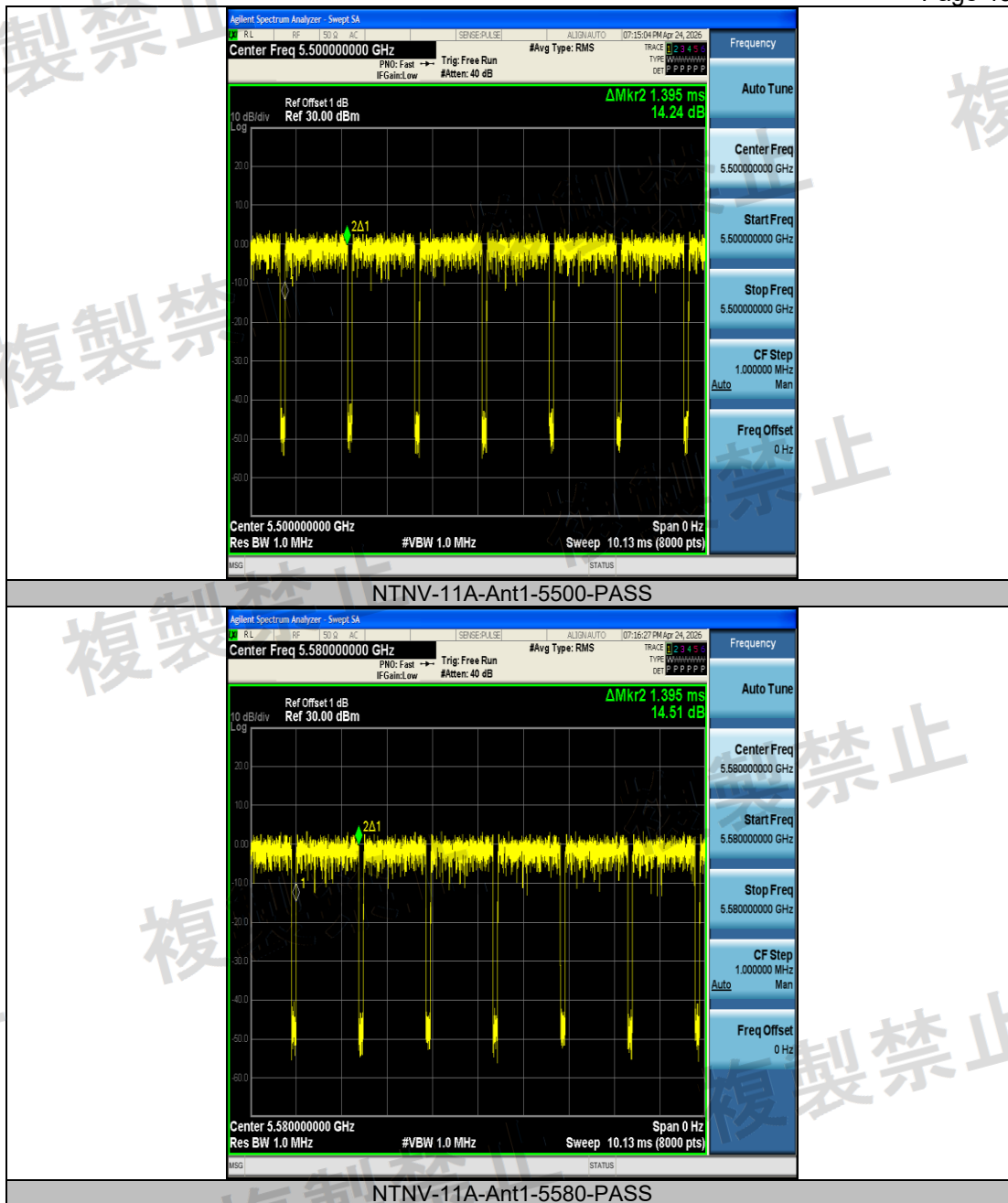


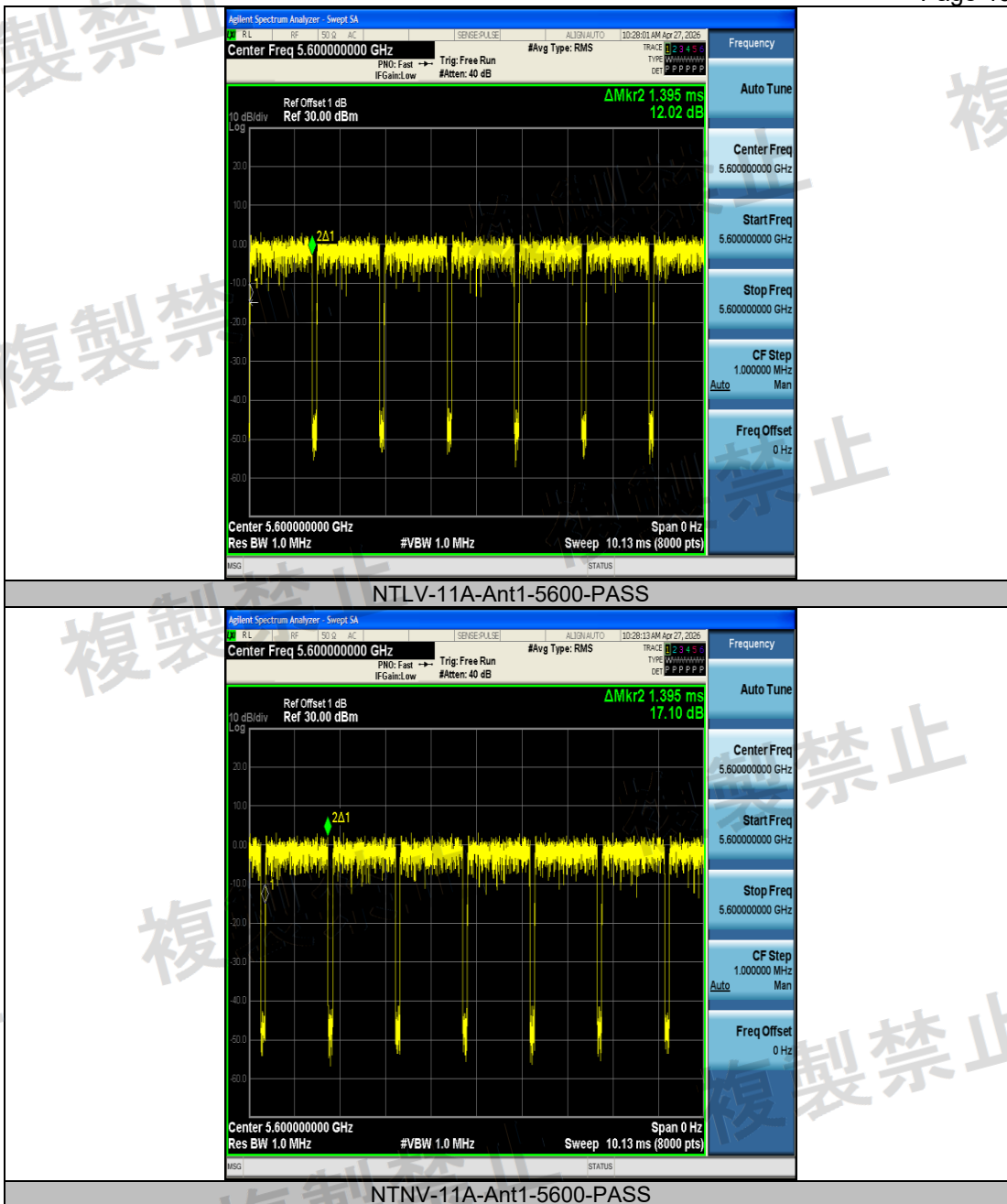


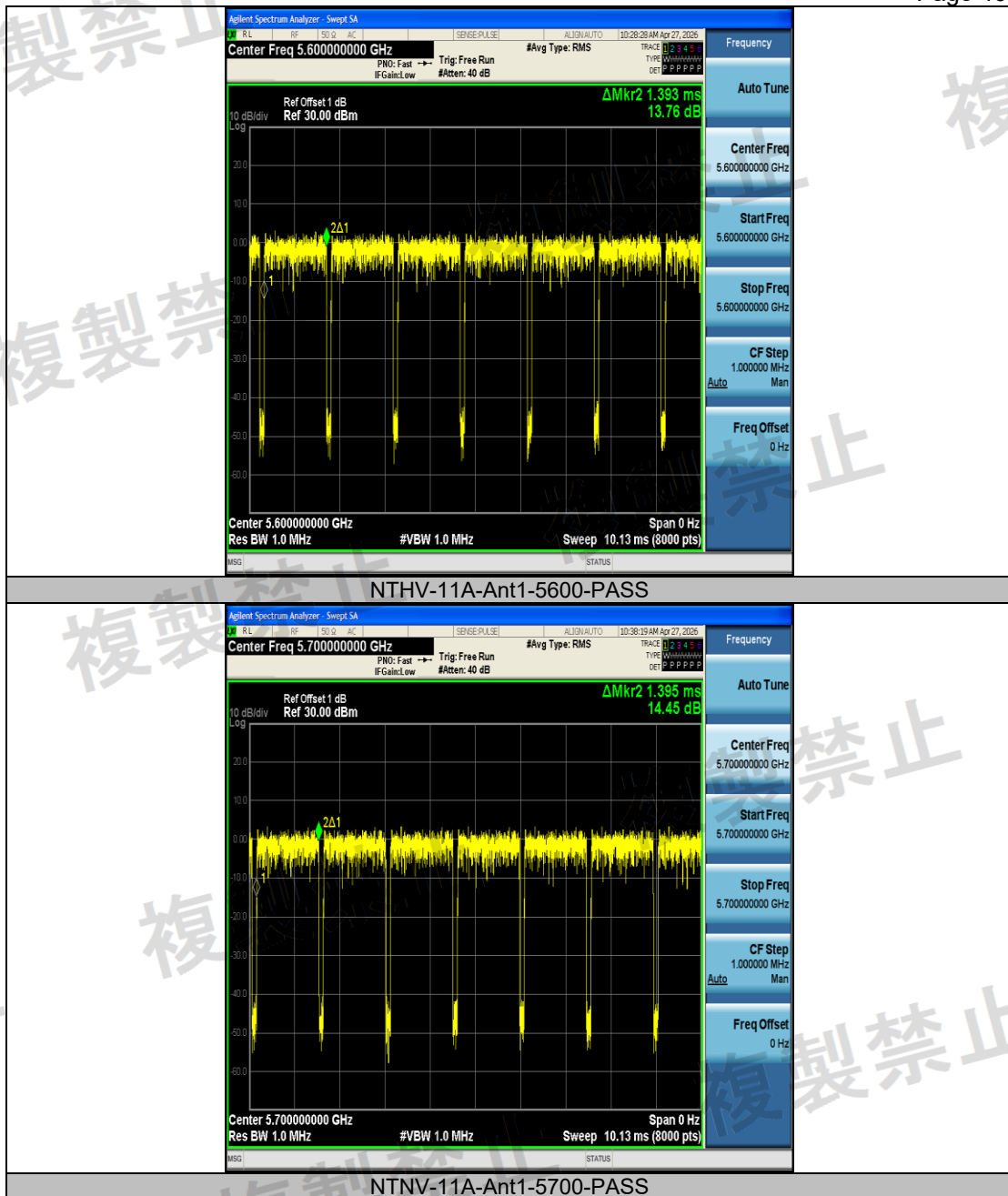


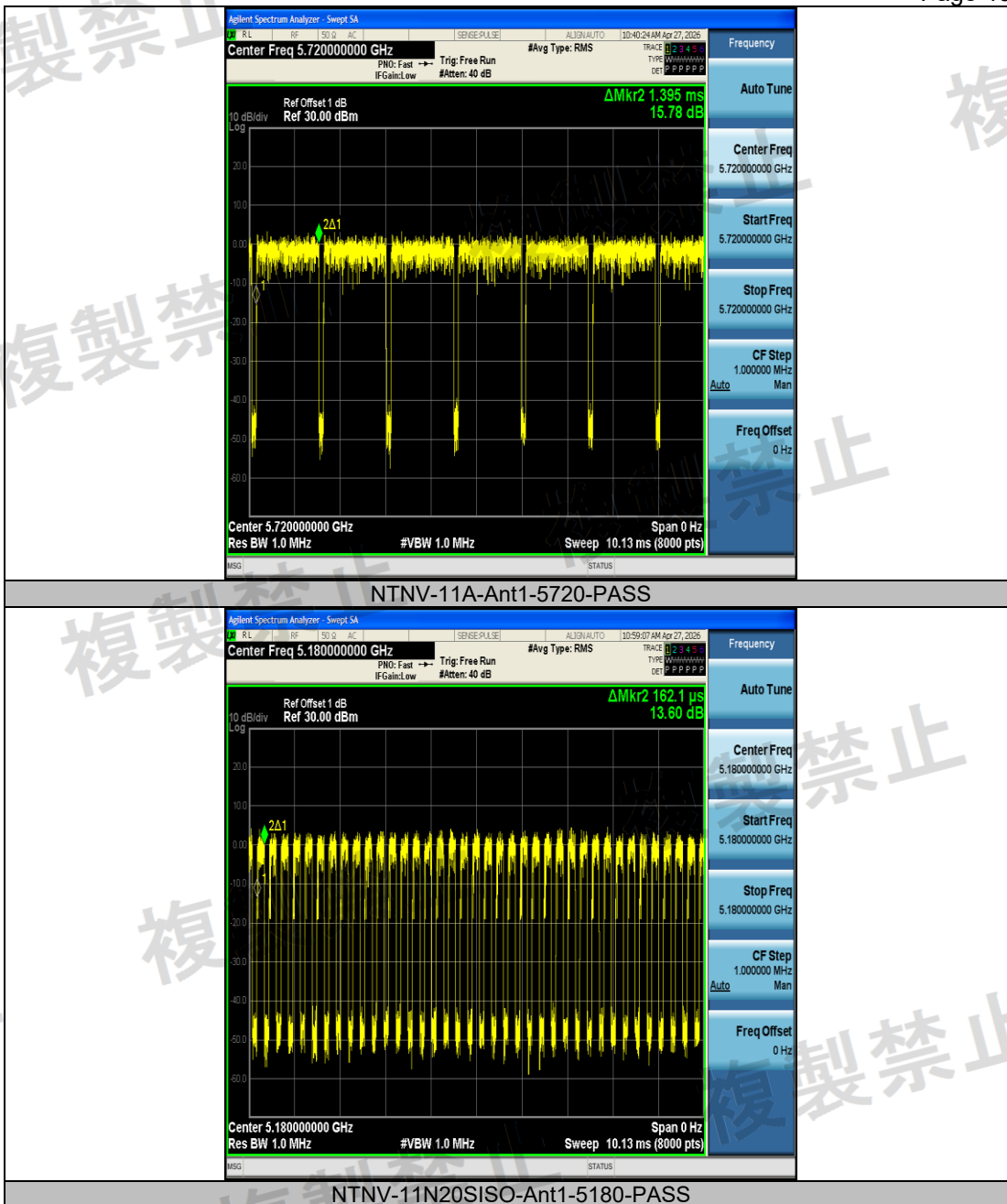


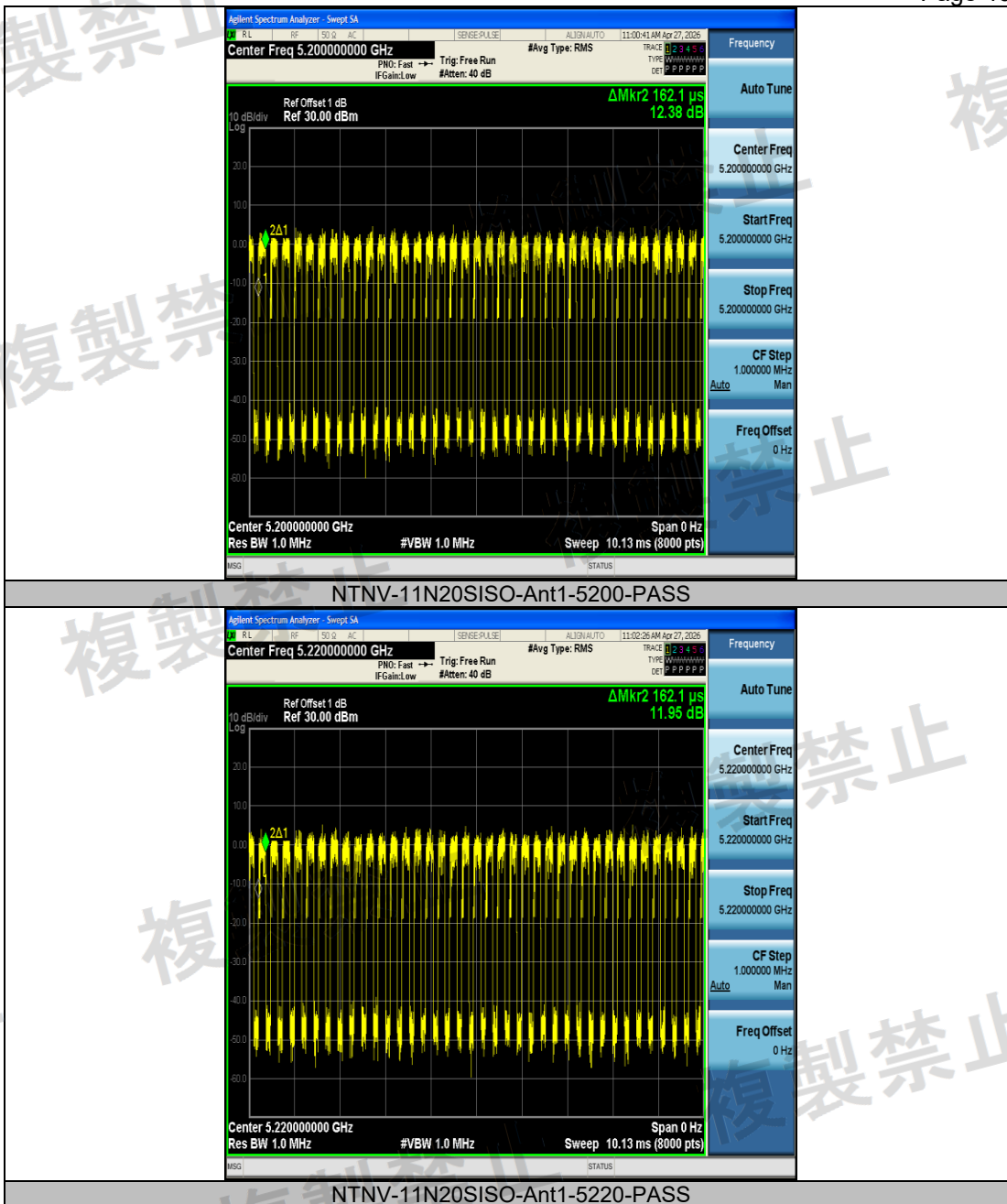


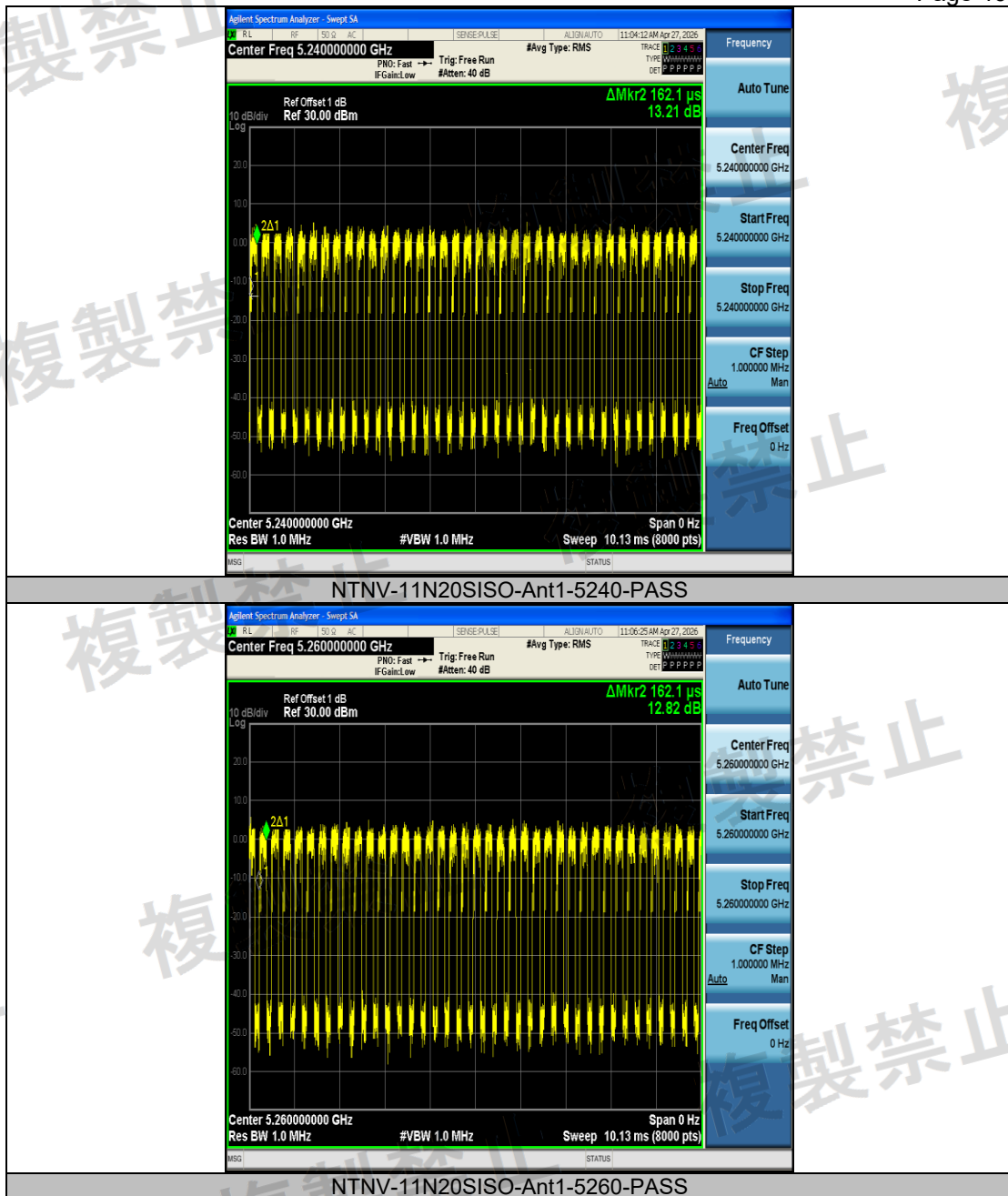


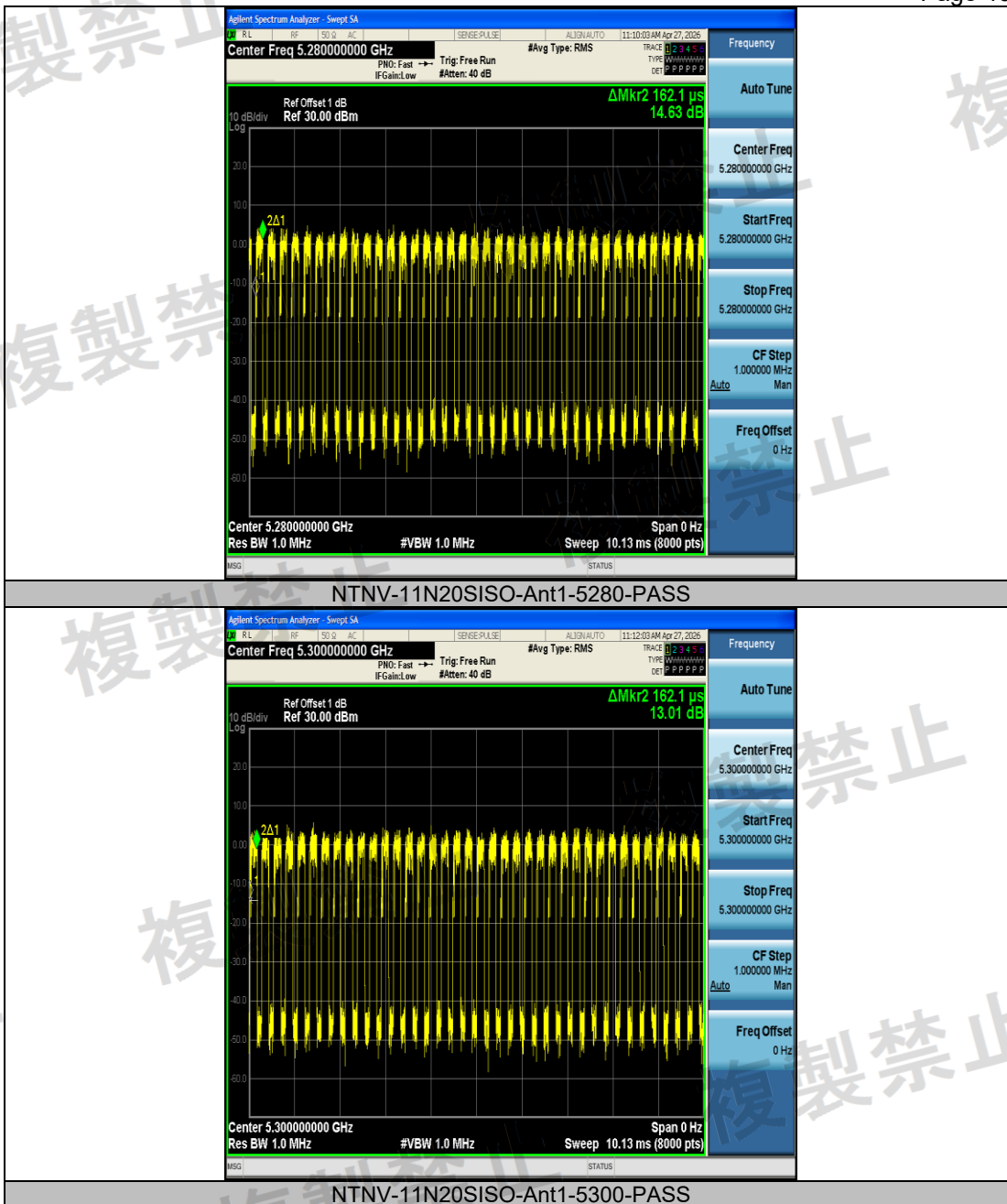


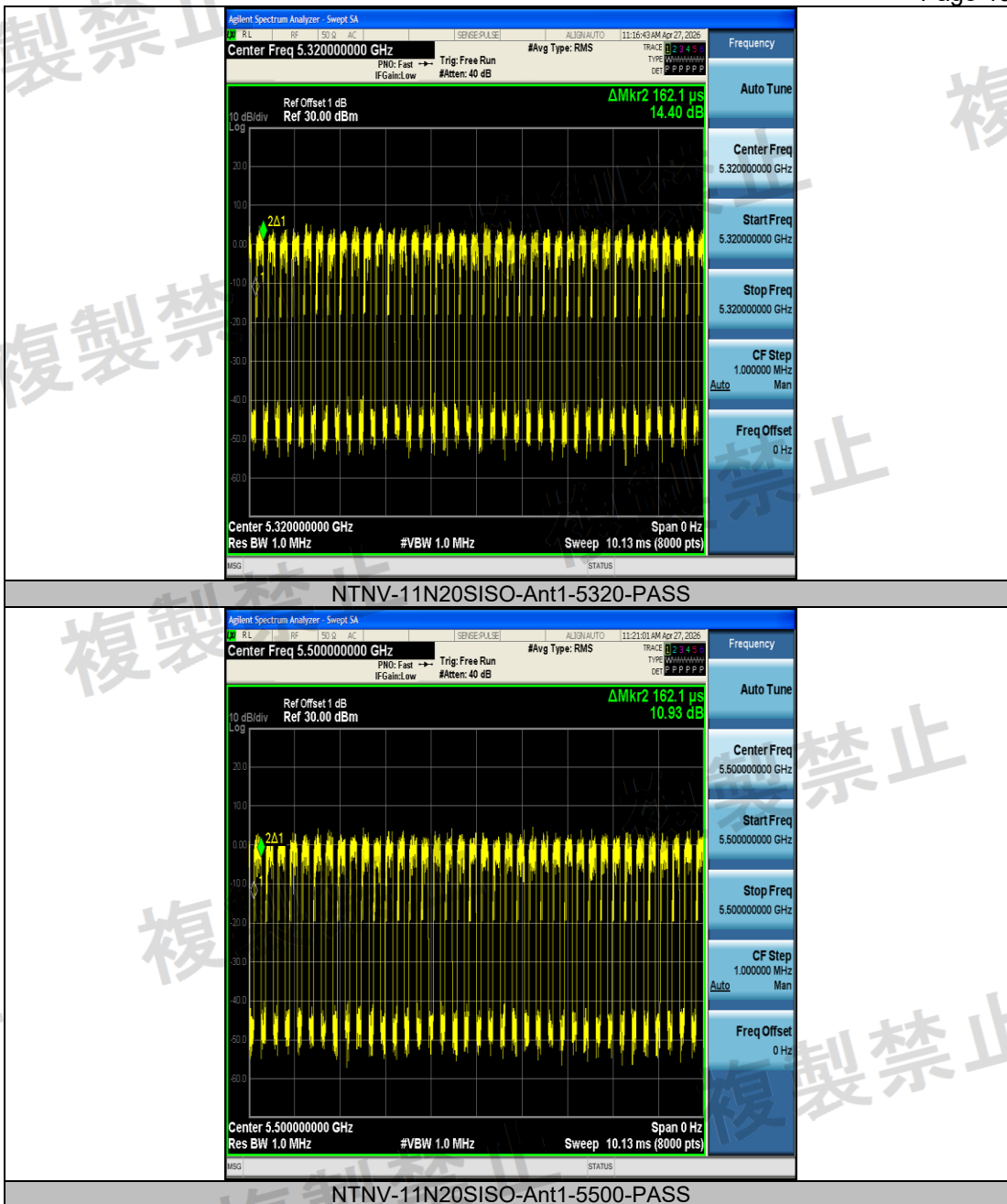


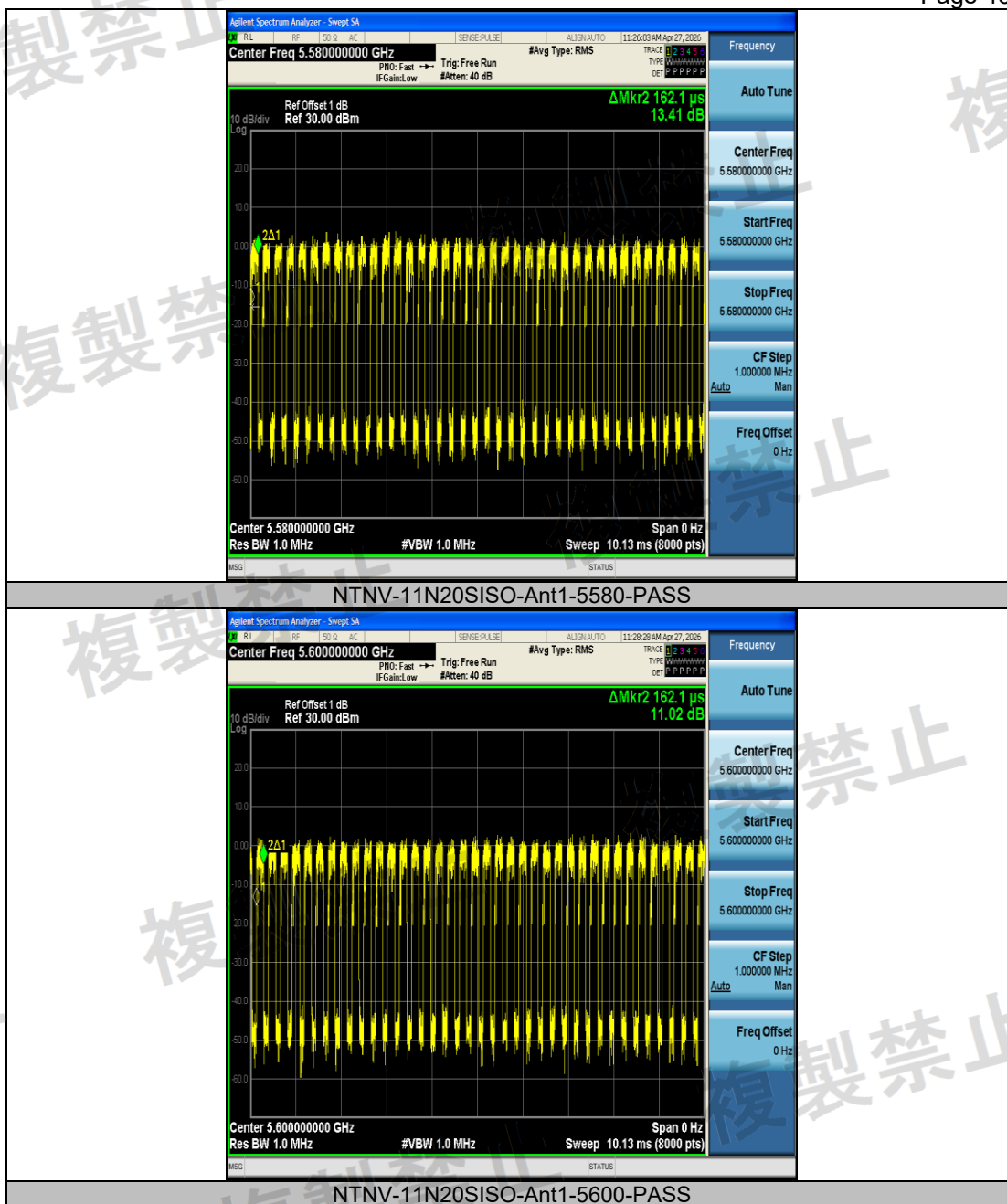


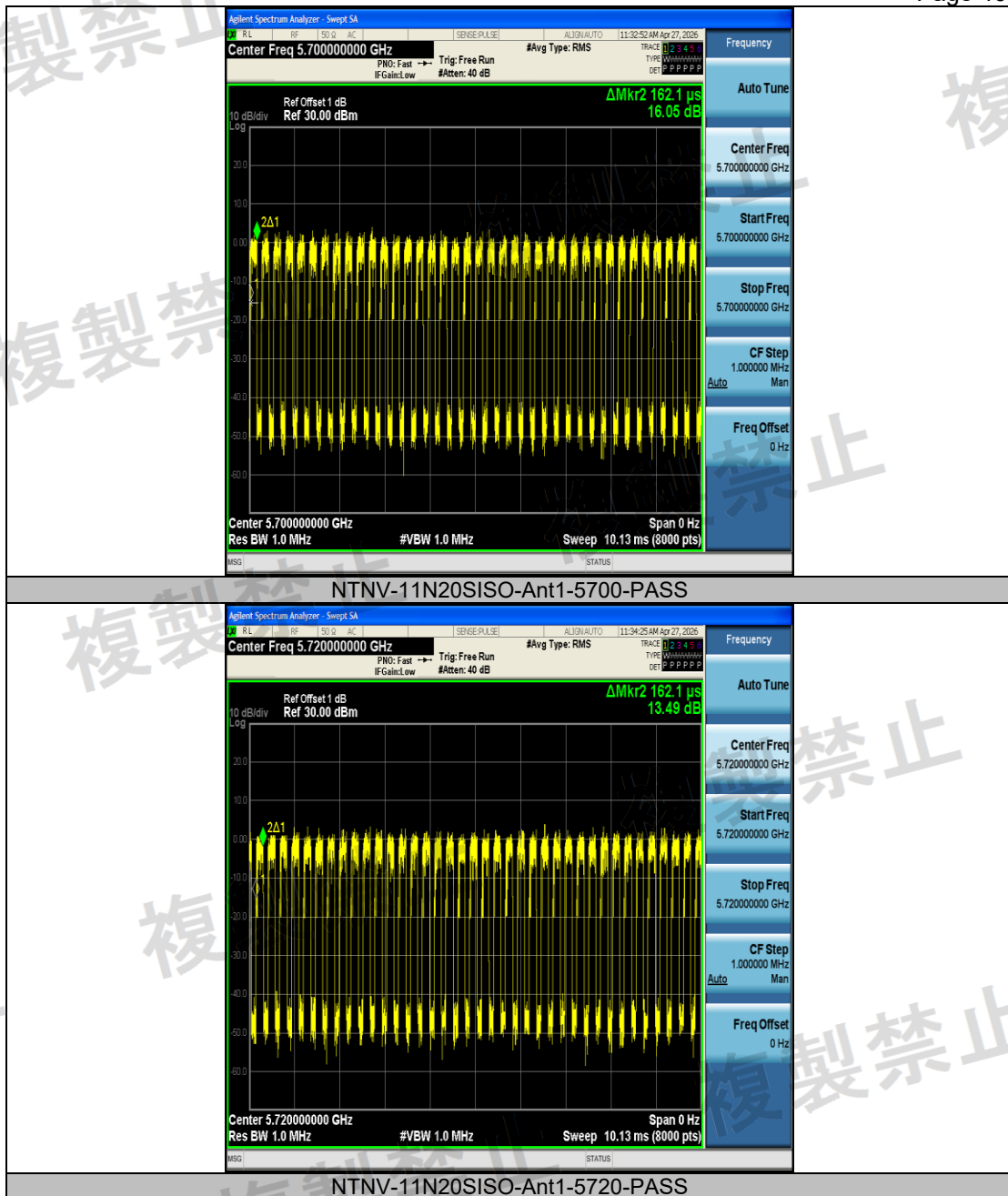


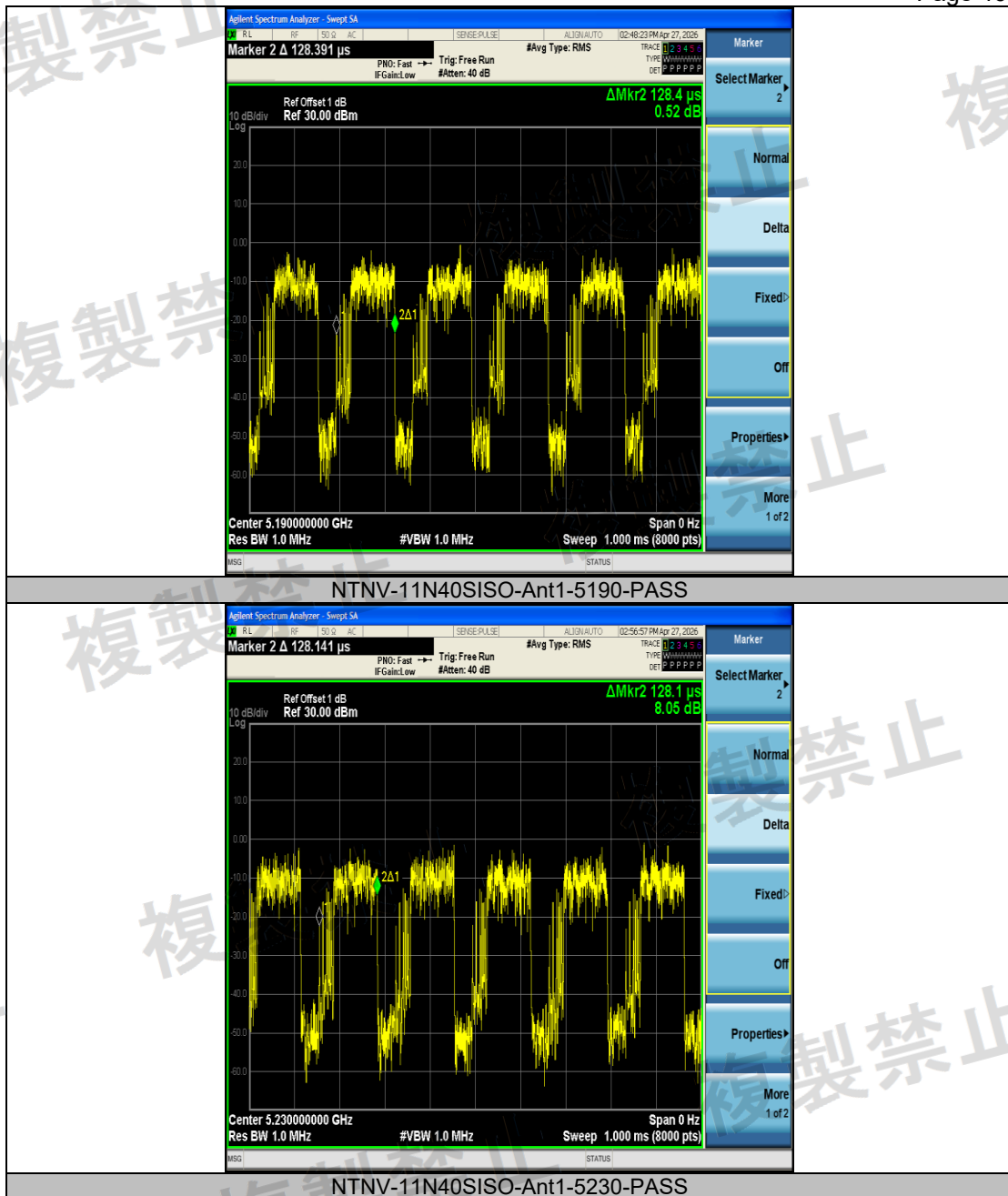


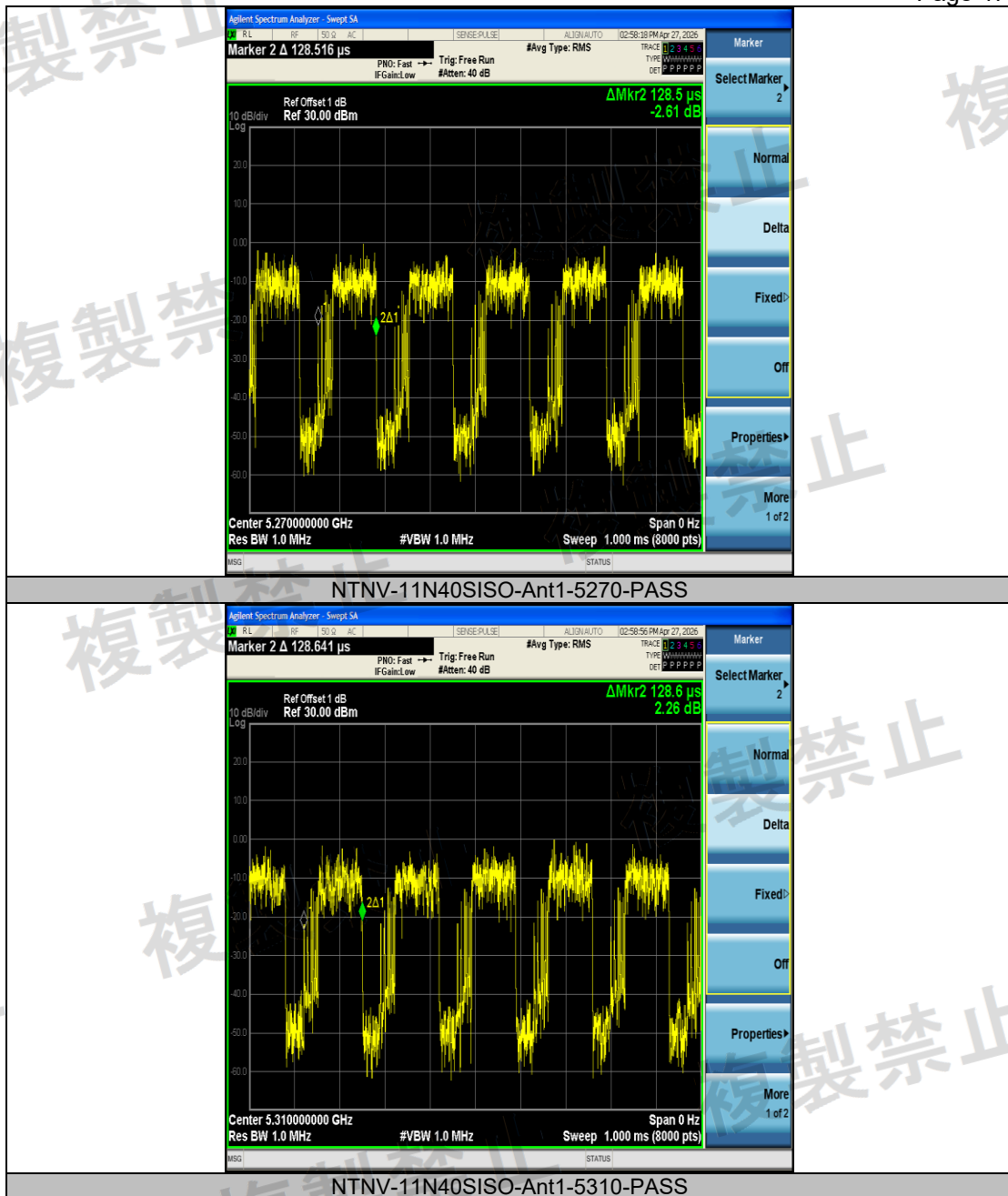


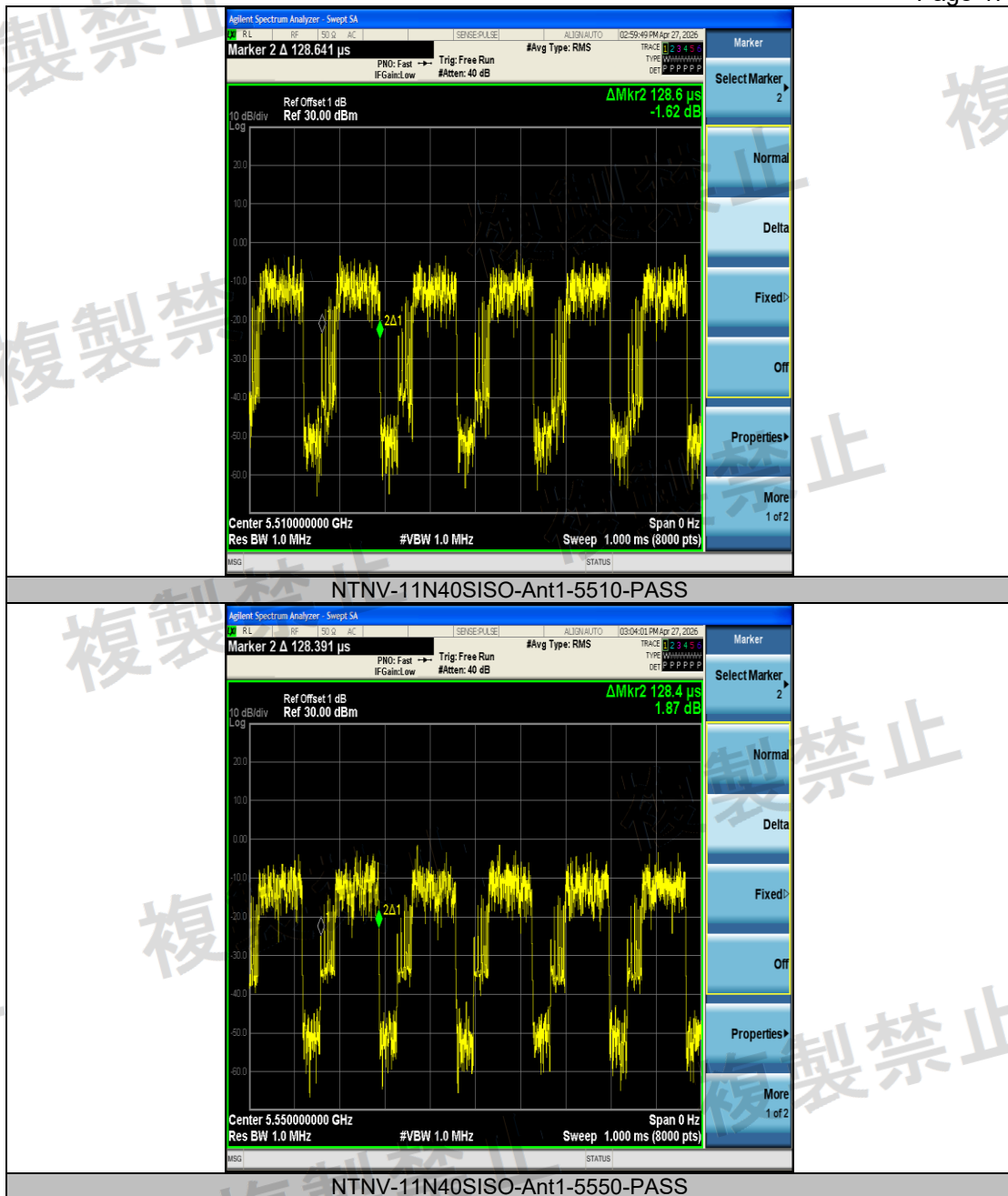


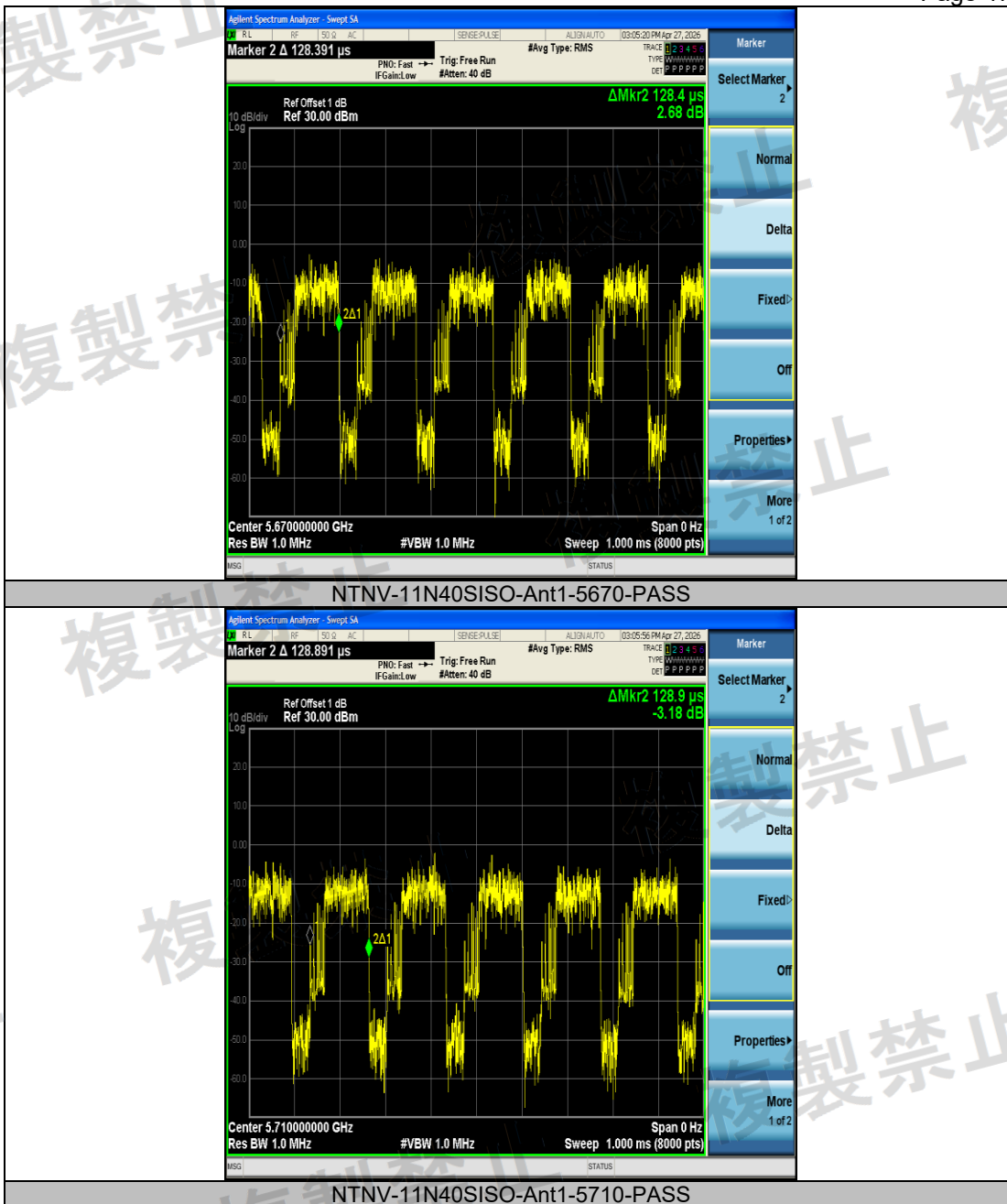


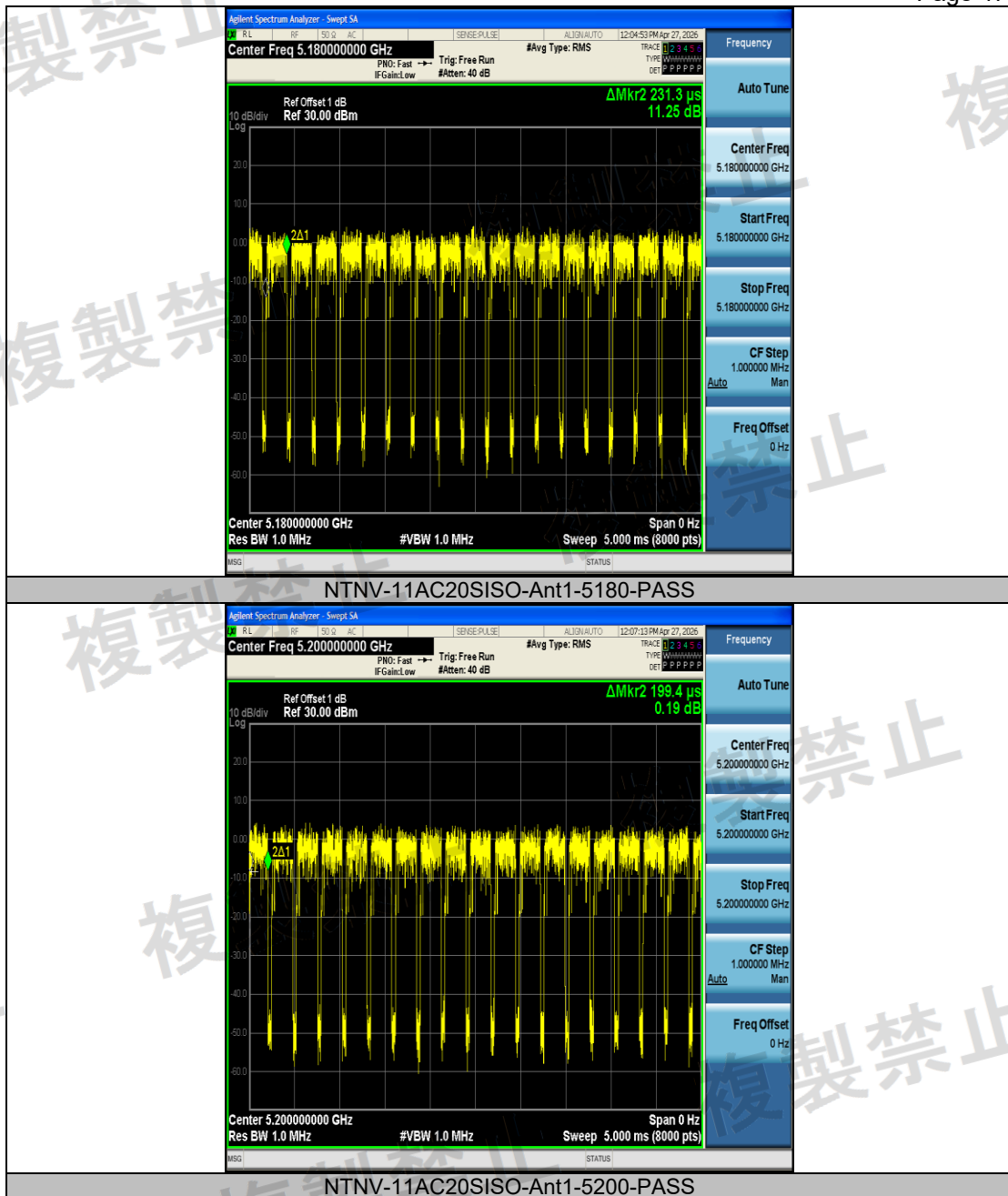




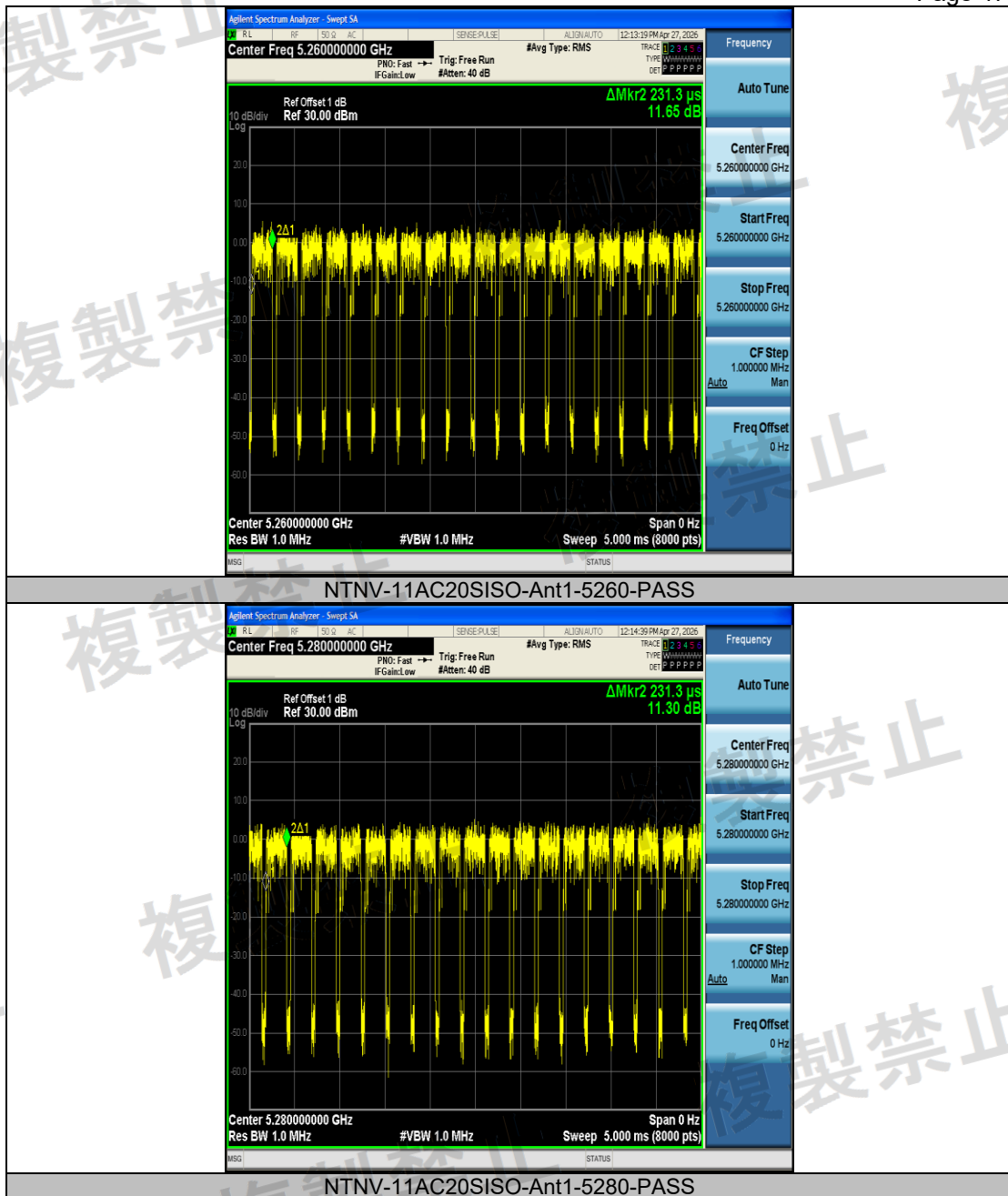


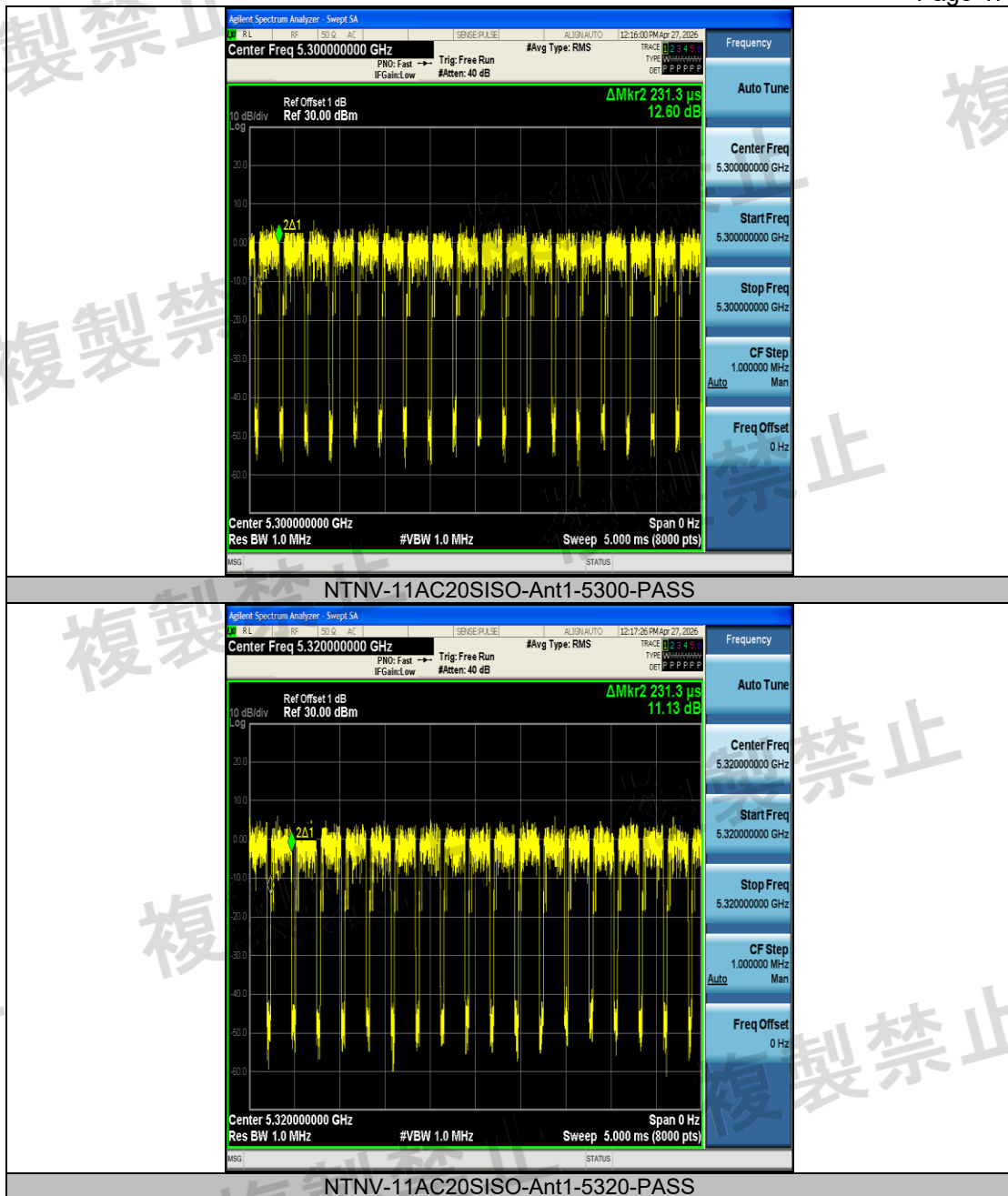




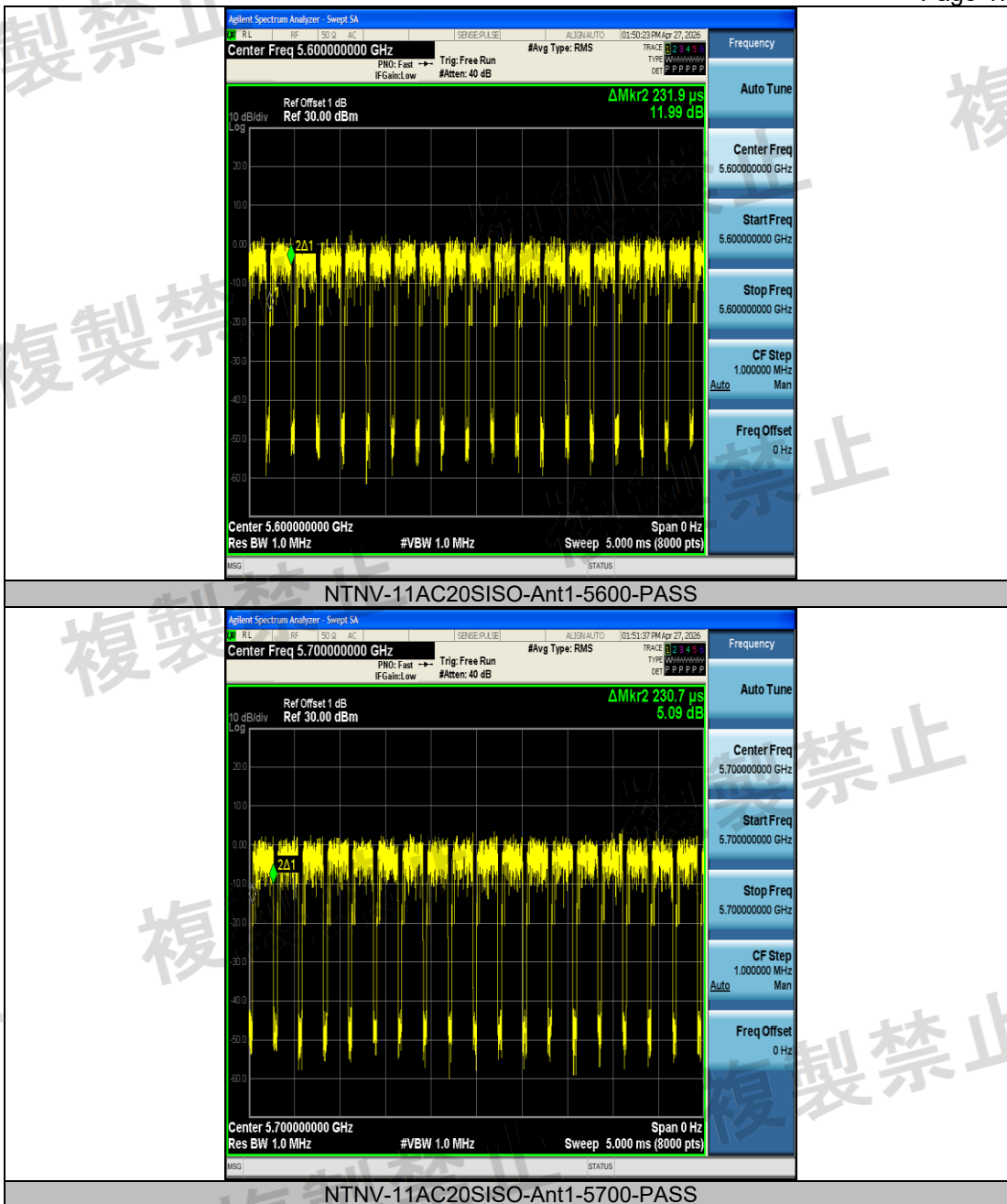


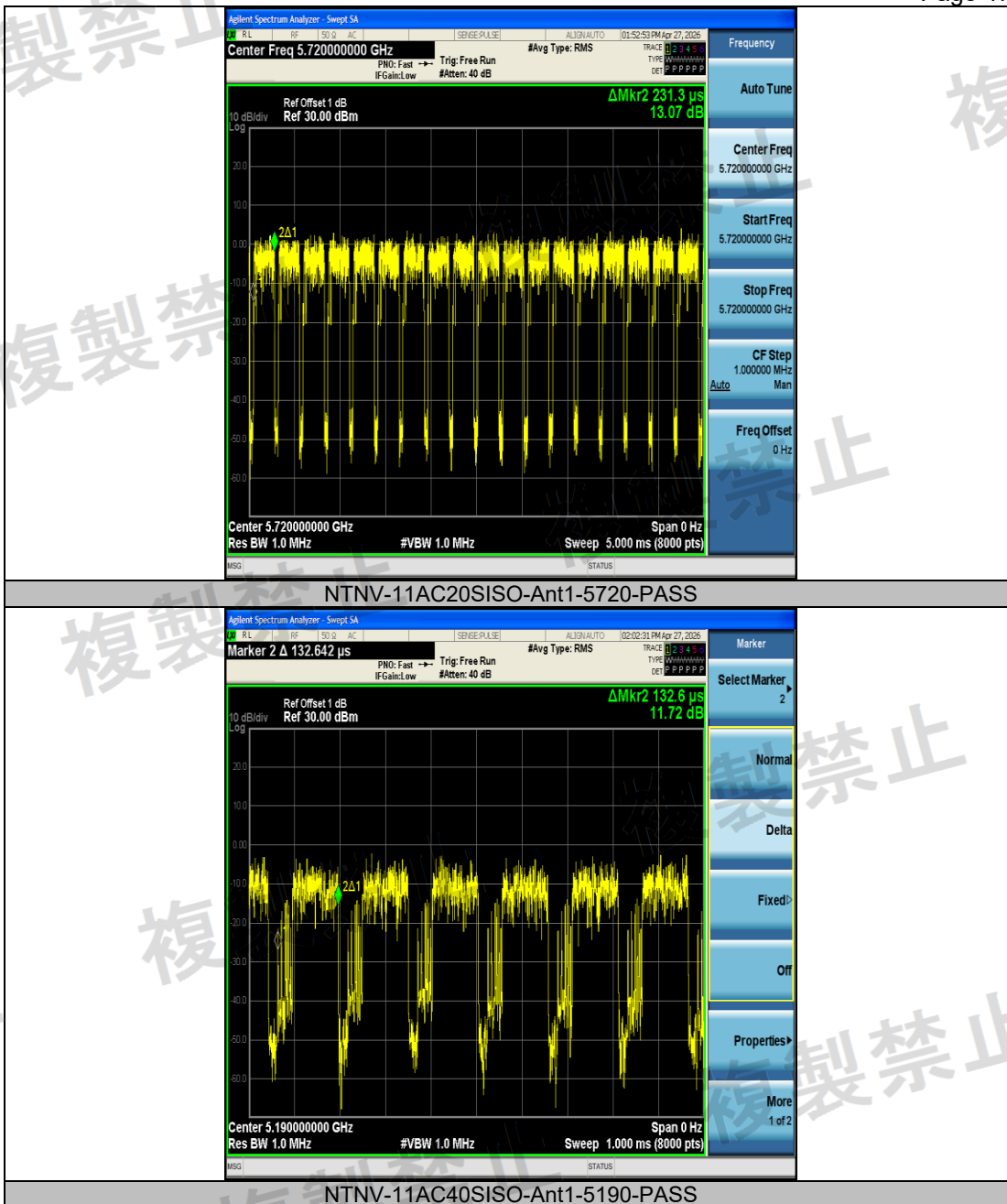


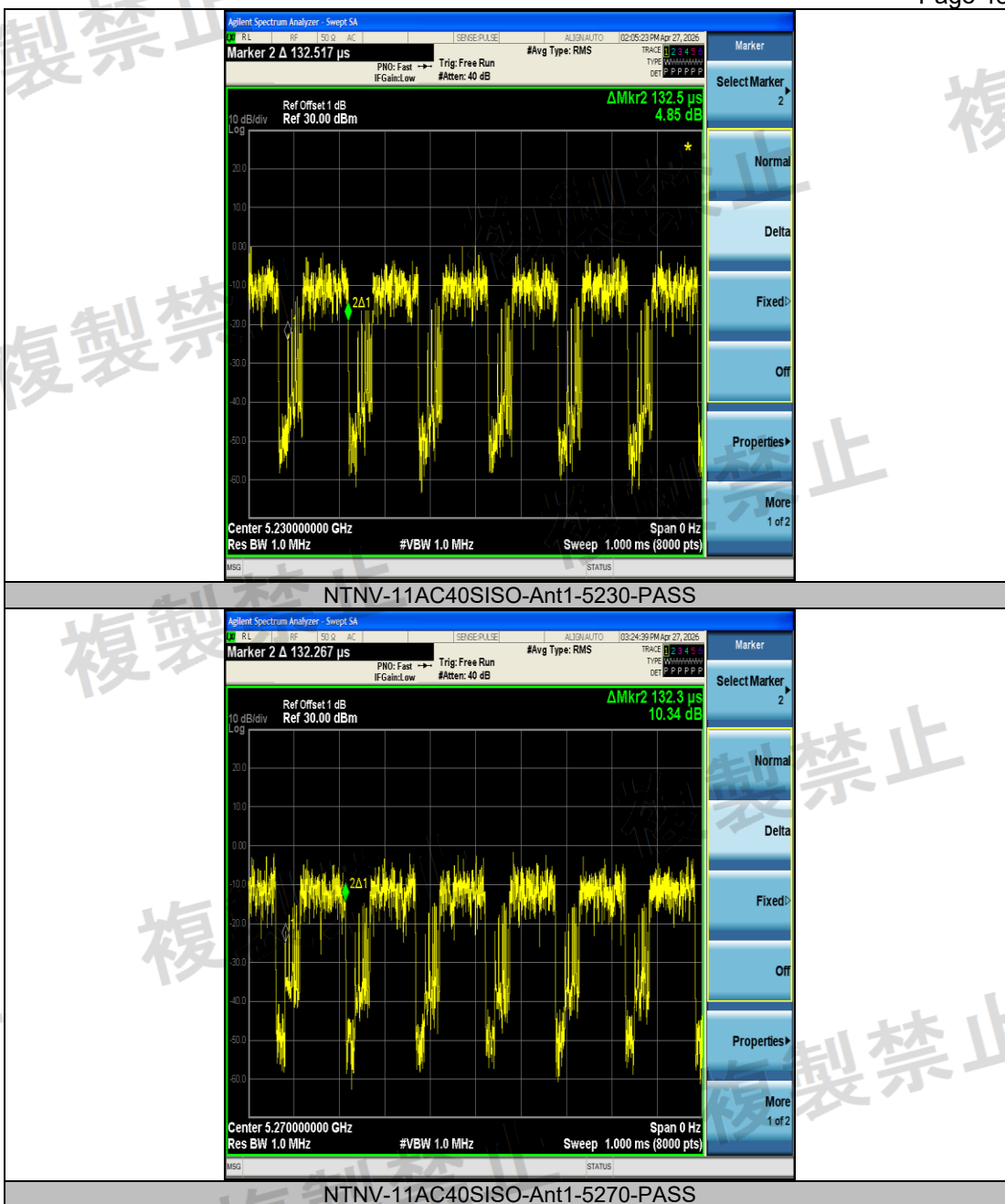


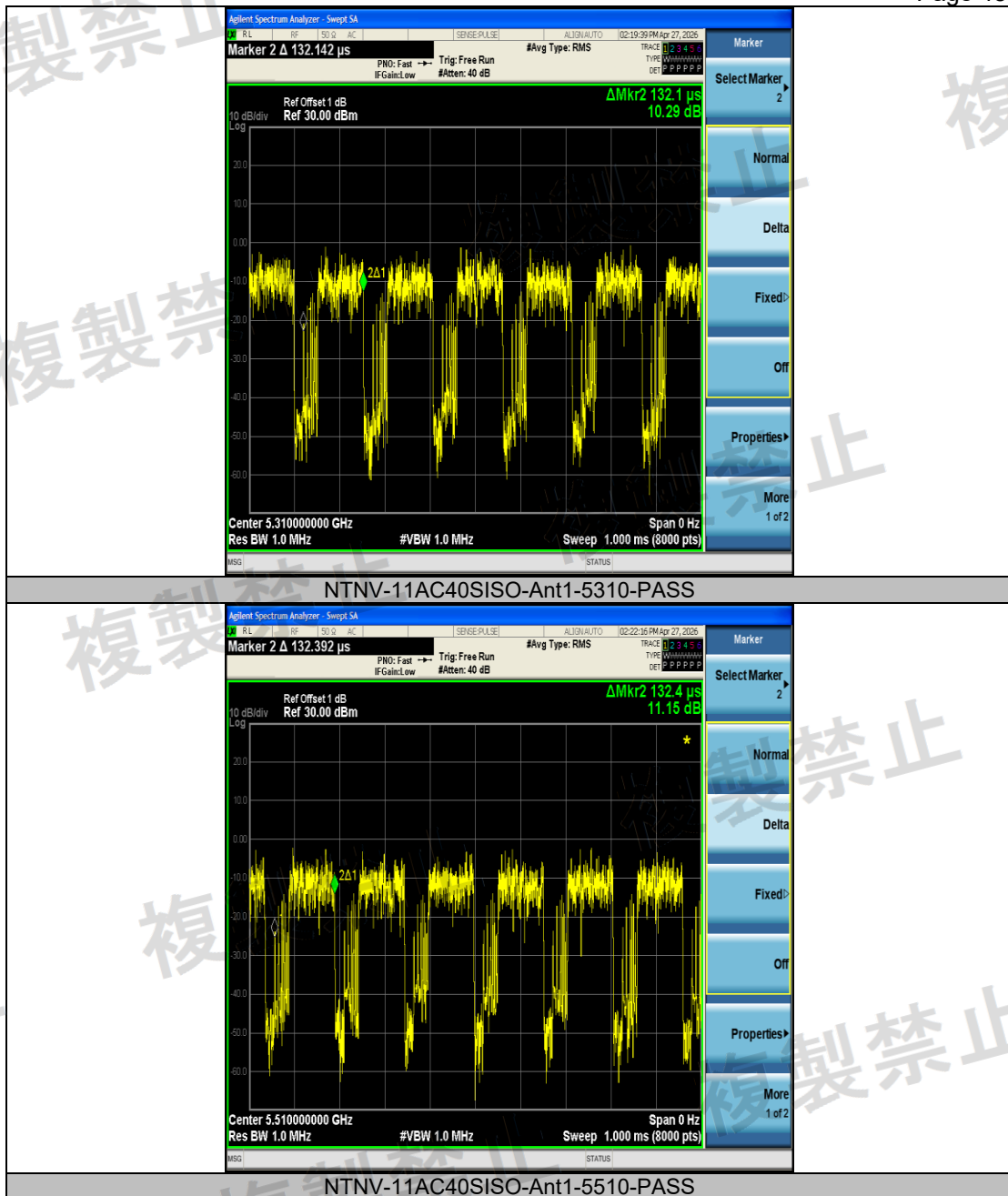


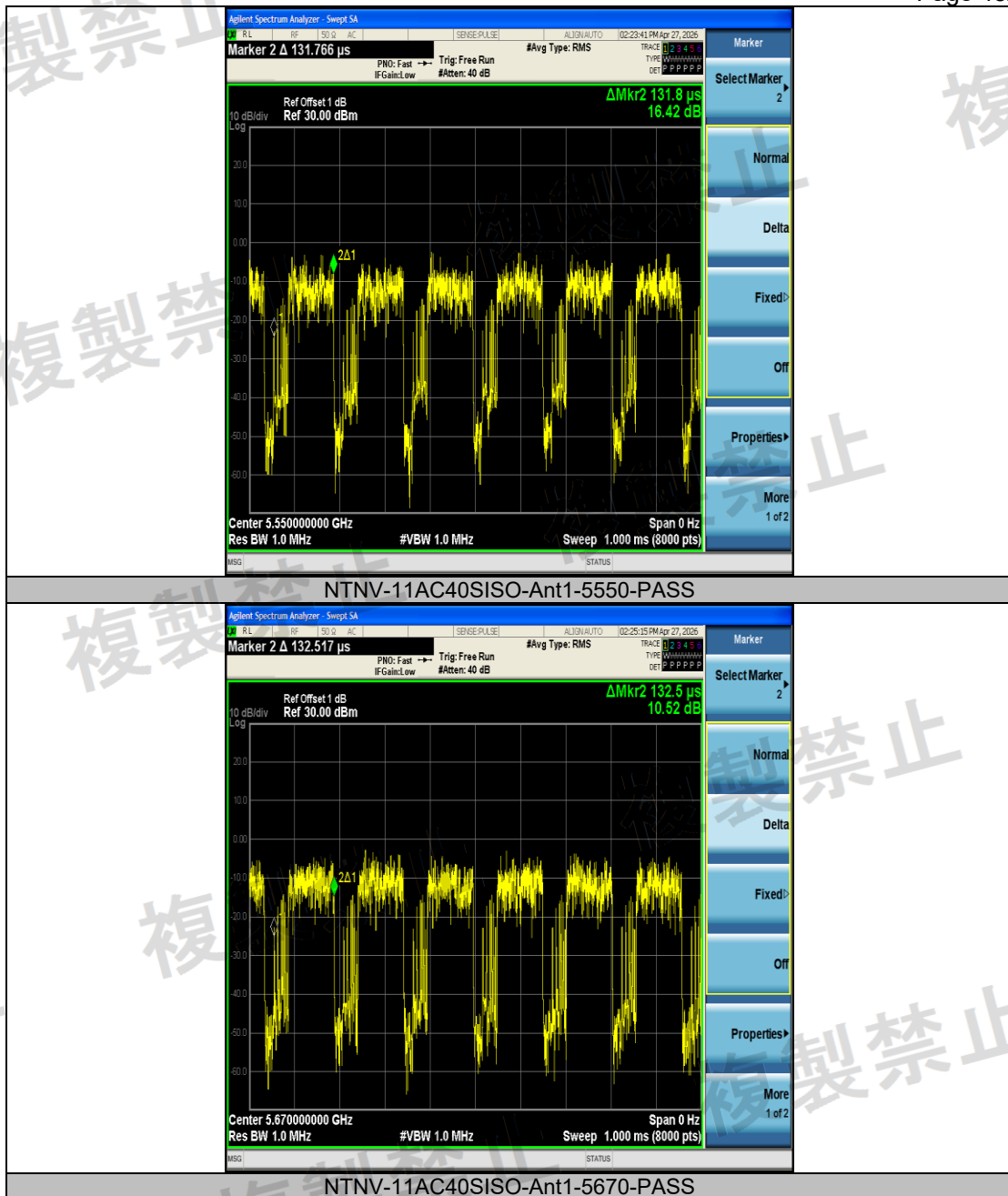


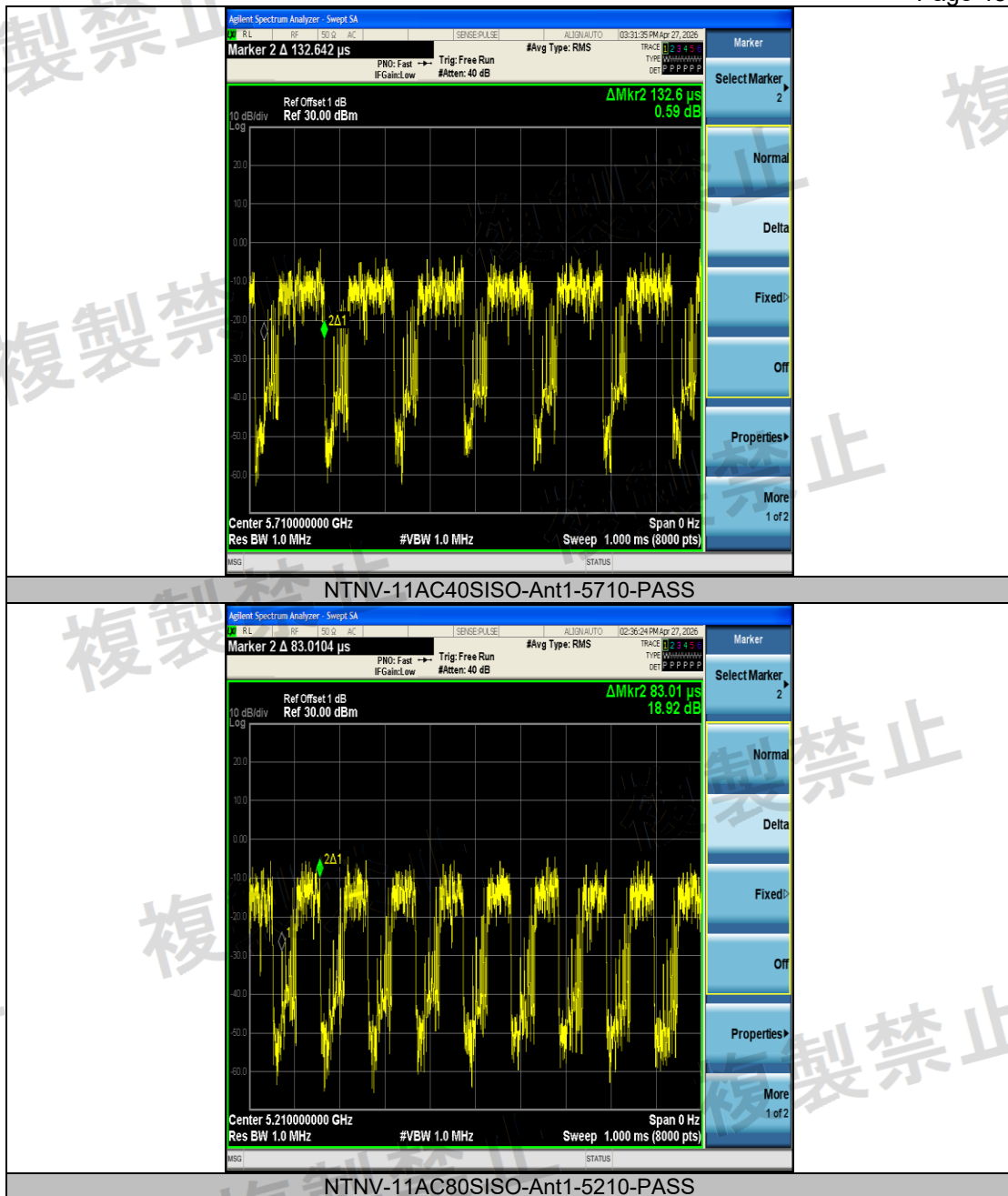


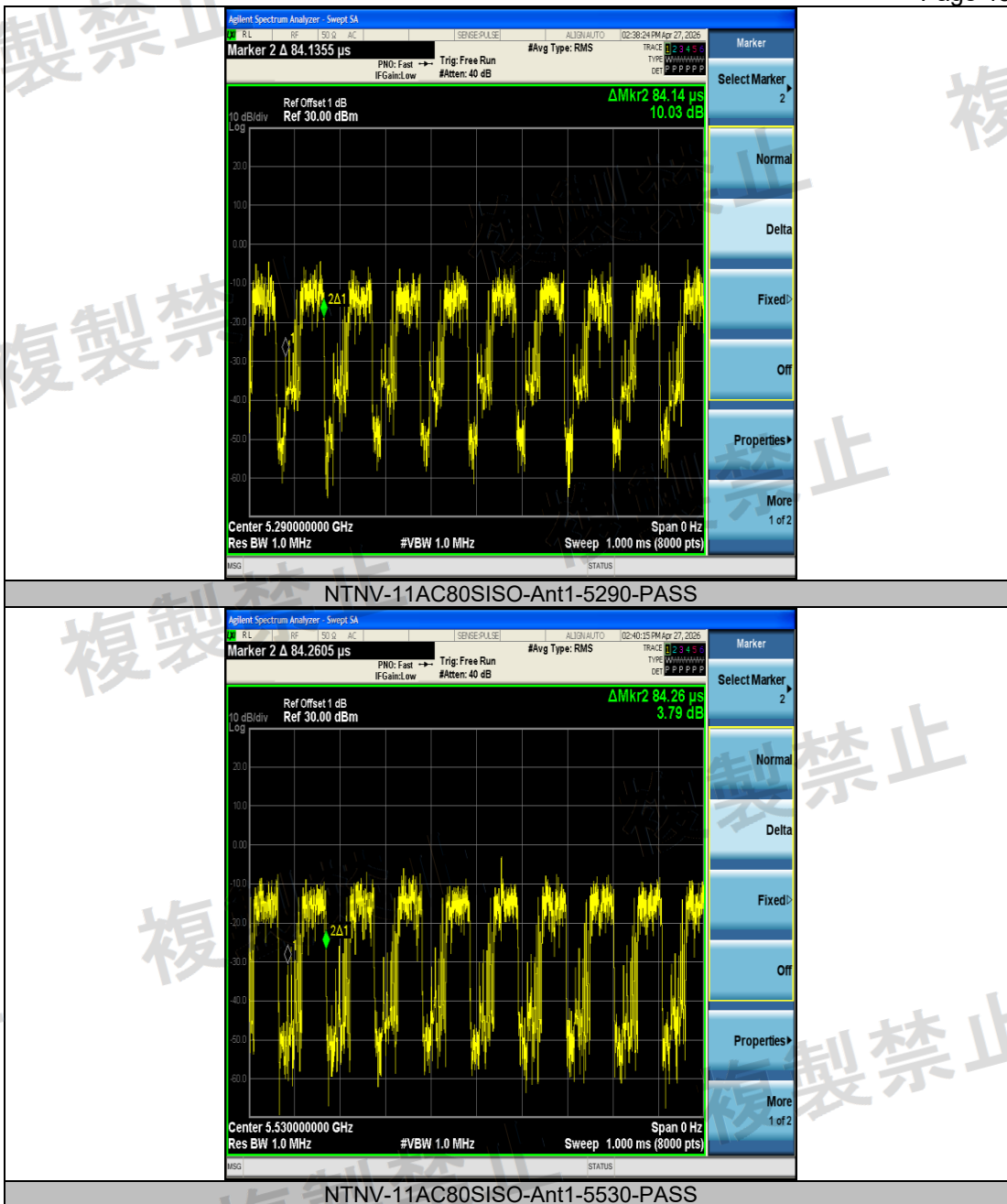


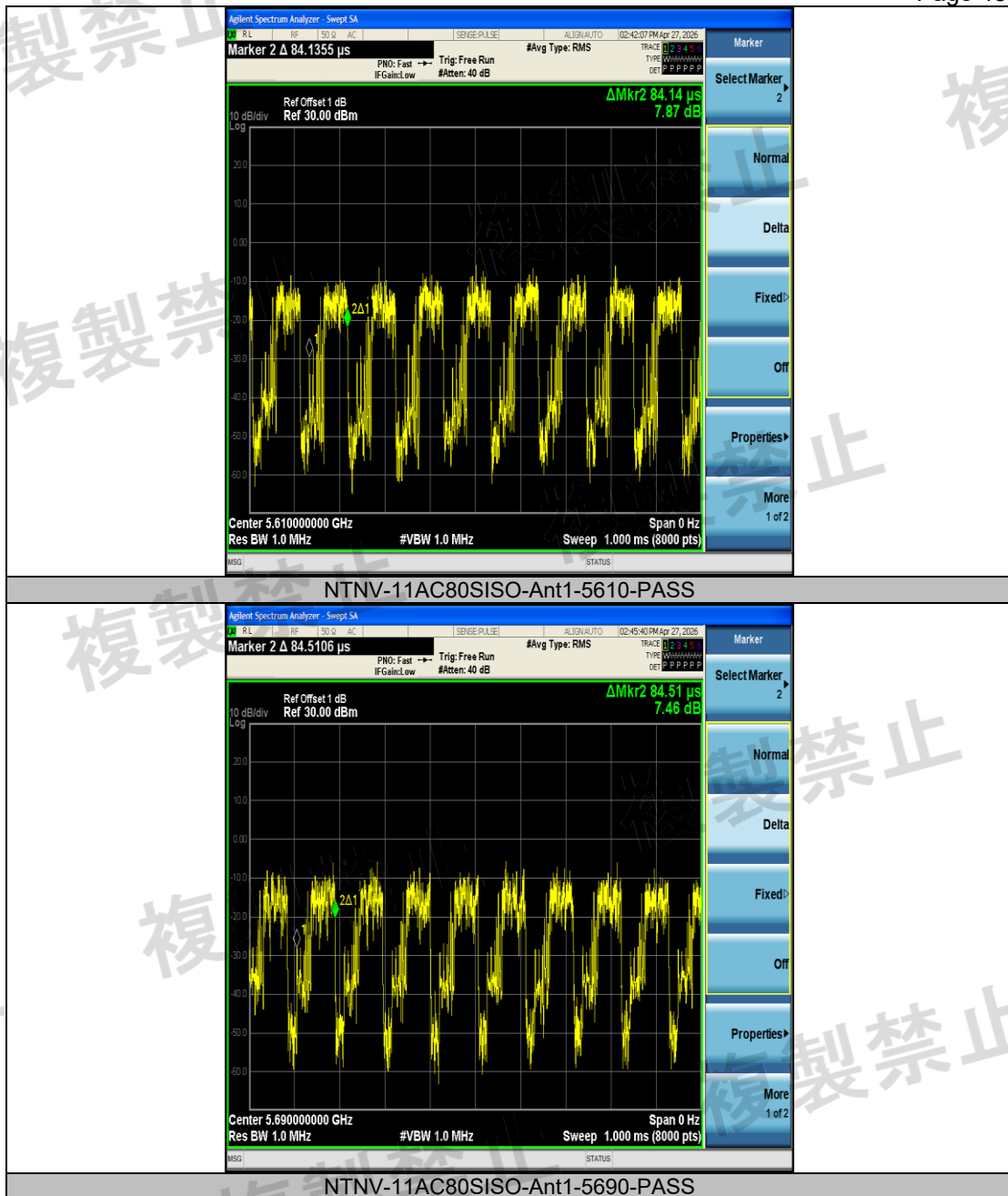








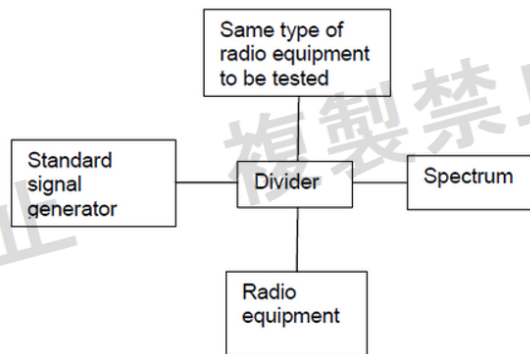






4.9. Carrier Sensing Function Measurement

TEST CONFIGURATION



TEST PROCEDURE

Spectrum Parameter	Setting
Carrier frequency	Center frequency of occupied bandwidth of the equipment to be tested
Sweep bandwidth	Approximately equal to the permitted occupied bandwidth
RBW	1MHz
VBW	1MHz
Trigger condition	Free run
Detection mode	Positive peak

Signal generator Parameter	Setting
Carrier frequency	Center frequency of occupied bandwidth of the equipment to be tested
Modulation	No Modulation
Output Level	Value enough to confirm interference detecting function Less than $(22.79 + \text{Gain} - 20 \cdot \log(f))[\text{dBm}]$ or 100mW/m Gain is dBi, f is MHz

- Turn OFF the output of the standard signal generator.
- Establish a communication link between the EUT and the external test equipment, and verify with the spectrum analyzer that transmission at the test frequency occurs.
- Place the EUT into receive mode.
- Turn ON the output of the standard signal generator, attempt to initiate transmission from the EUT, and verify with the spectrum analyzer that no RF transmission occurs.

LIMIT

The EUT shall not initiate transmission when a signal equivalent to an electric field strength of 100 mV/m is present at the operate frequency.





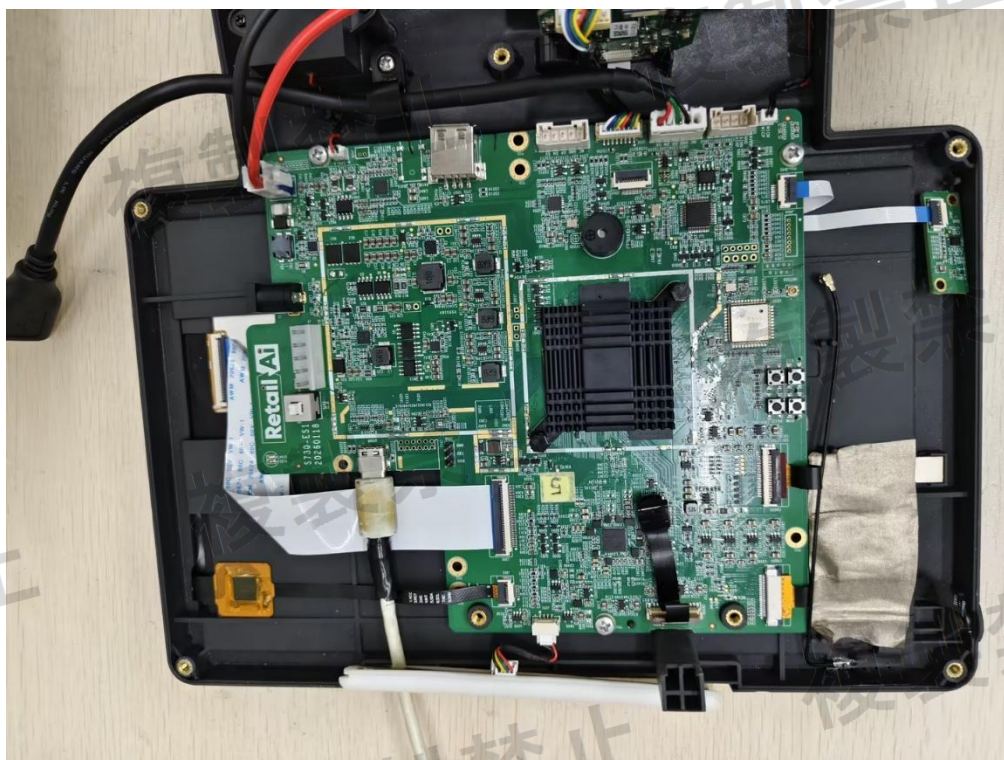
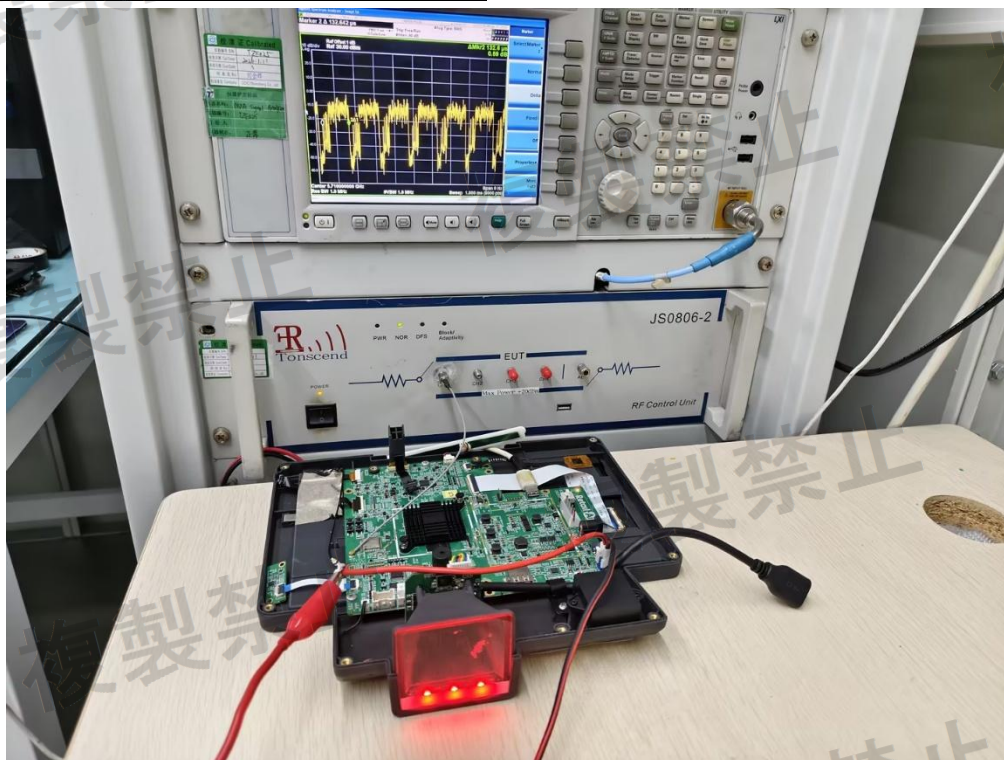
TEST RESULTS

Mode	Confirmed of test procedure (b)	Confirmed of test procedure (d)	Verdict
802.11 a	Radio waves are emitted	No radio waves are emitted	PASS
802.11 n20	Radio waves are emitted	No radio waves are emitted	PASS
802.11 n40	Radio waves are emitted	No radio waves are emitted	PASS
802.11 ac20	Radio waves are emitted	No radio waves are emitted	PASS
802.11 ac40	Radio waves are emitted	No radio waves are emitted	PASS
802.11 ac80	Radio waves are emitted	No radio waves are emitted	PASS





5. Test Setup Photos of the EUT





6. External and Internal Photos of the EUT

Reference to the test report No. TZ0411260401TRF01

.....**End of Report**.....

