



Shenzhen CTA Testing Technology Co., Ltd.

Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,
Fuhai Street, Bao'an District, Shenzhen, China

Appendix RF Test Data for BR-EDR

Company : SHARE3DCAM LIMITED

EUT : Real-Scene 3D LiDAR Scanner

Model Number : SHARE3DCAM S30

Report No. : CTA26052501001

Reviewed By : Eric Wang



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Appendix A: Frequency_Error

Test Result

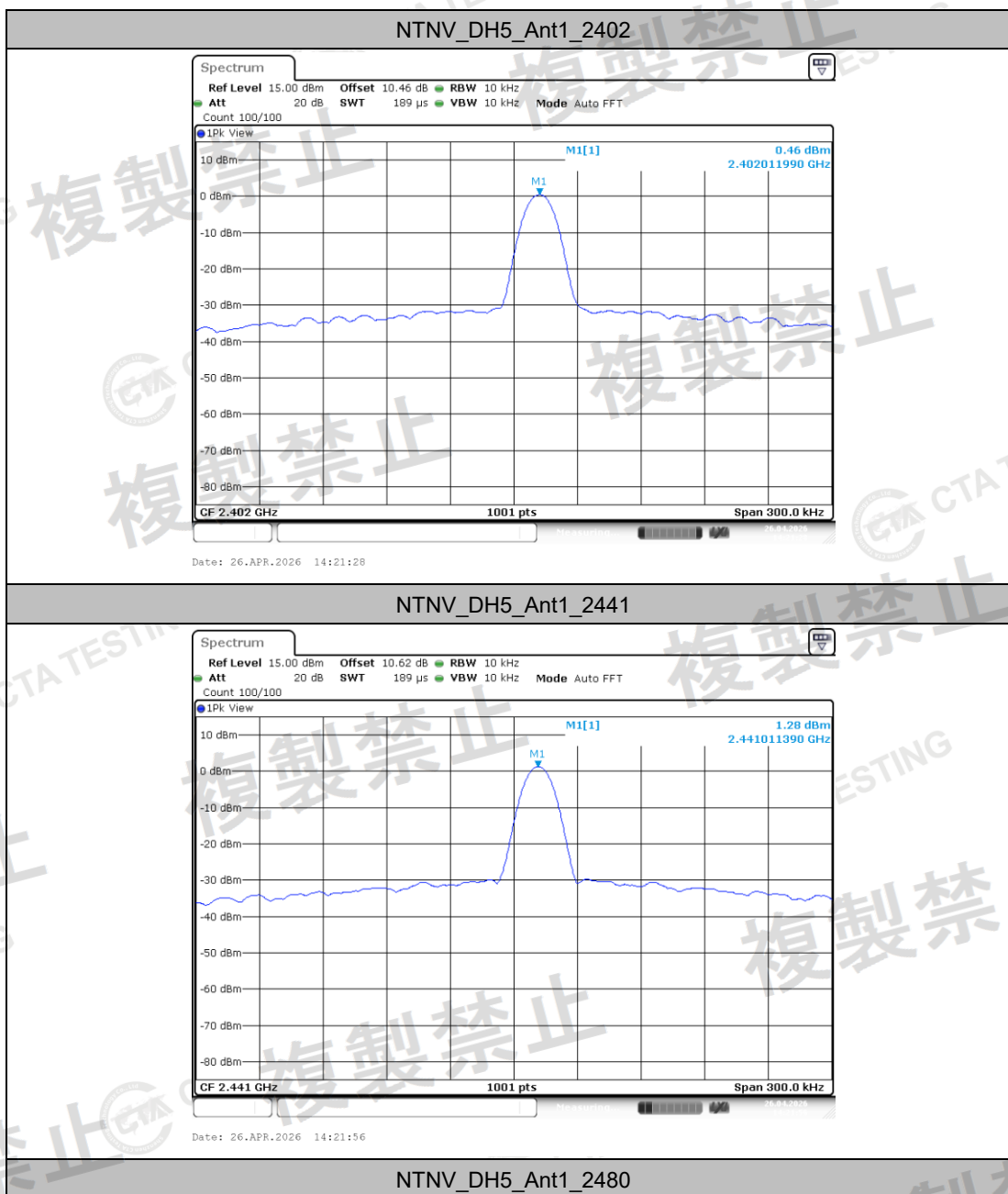
Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	DH5	Ant1	2402	4.99167	±50	PASS
			2441	4.66612	±50	PASS
			2480	4.59274	±50	PASS
	2DH5	Ant1	2402	4.36719	±50	PASS
			2441	4.29742	±50	PASS
			2480	4.35081	±50	PASS
	3DH5	Ant1	2402	4.24230	±50	PASS
			2441	4.29742	±50	PASS
			2480	4.35081	±50	PASS



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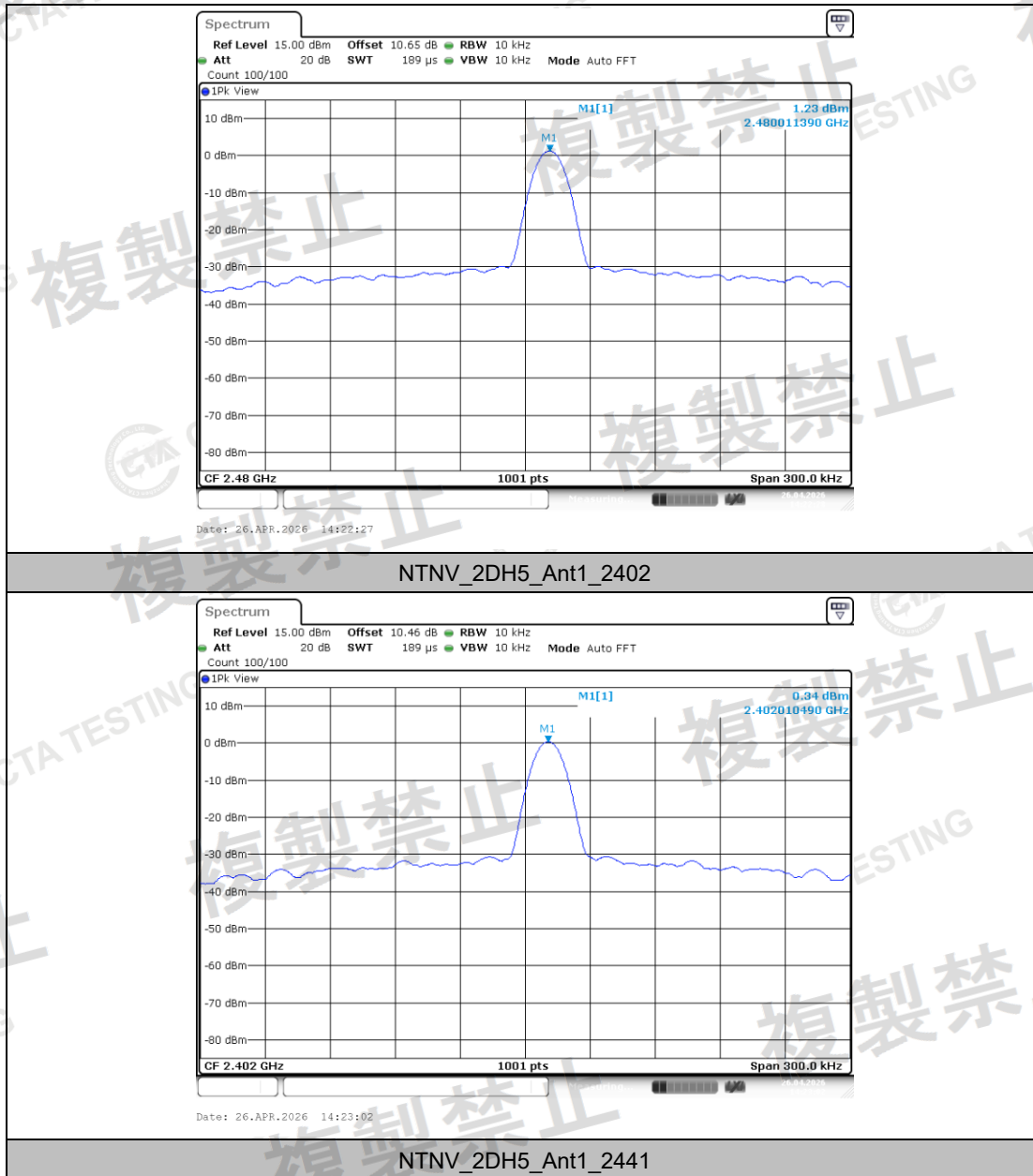
Test Graphs





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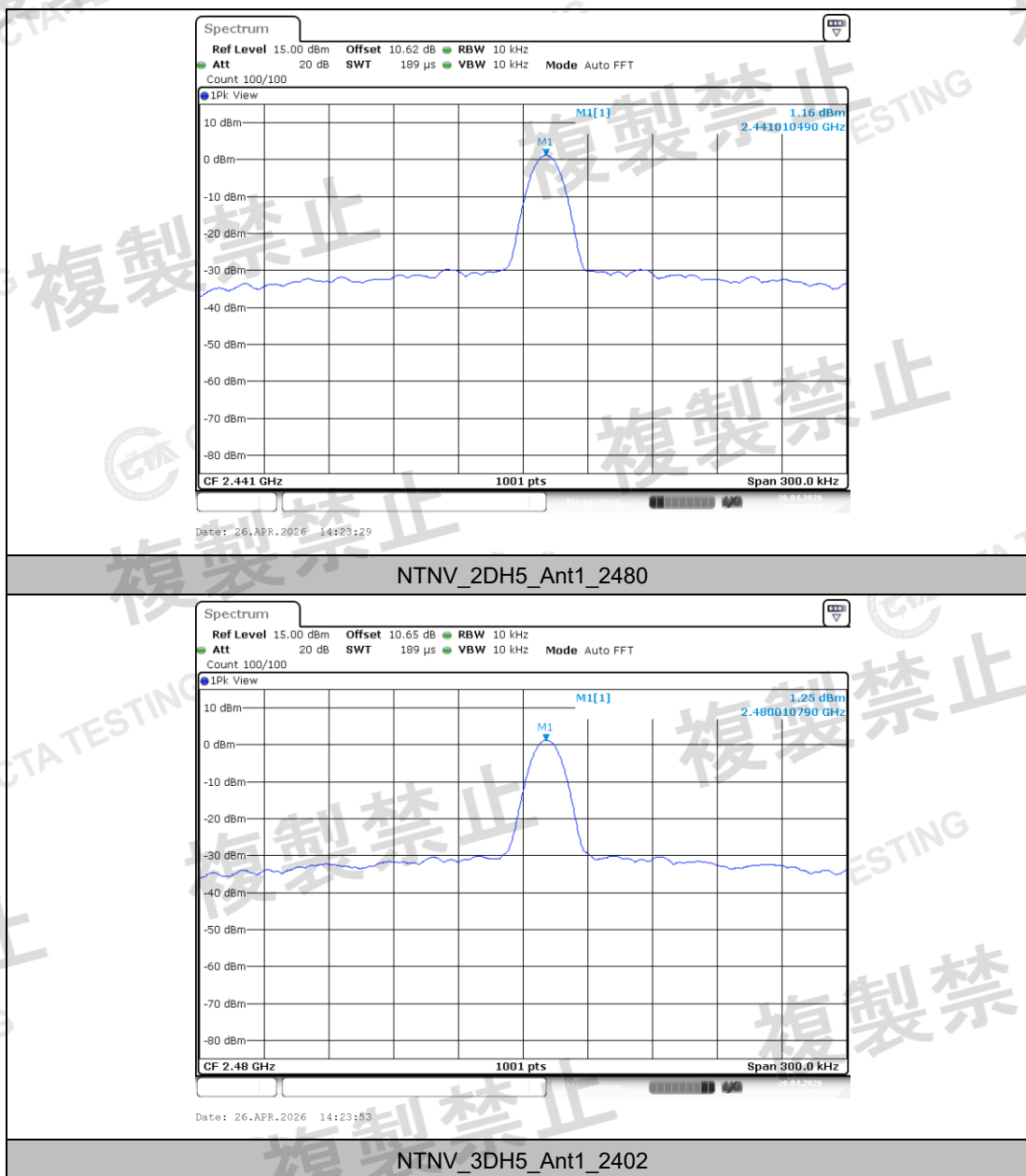
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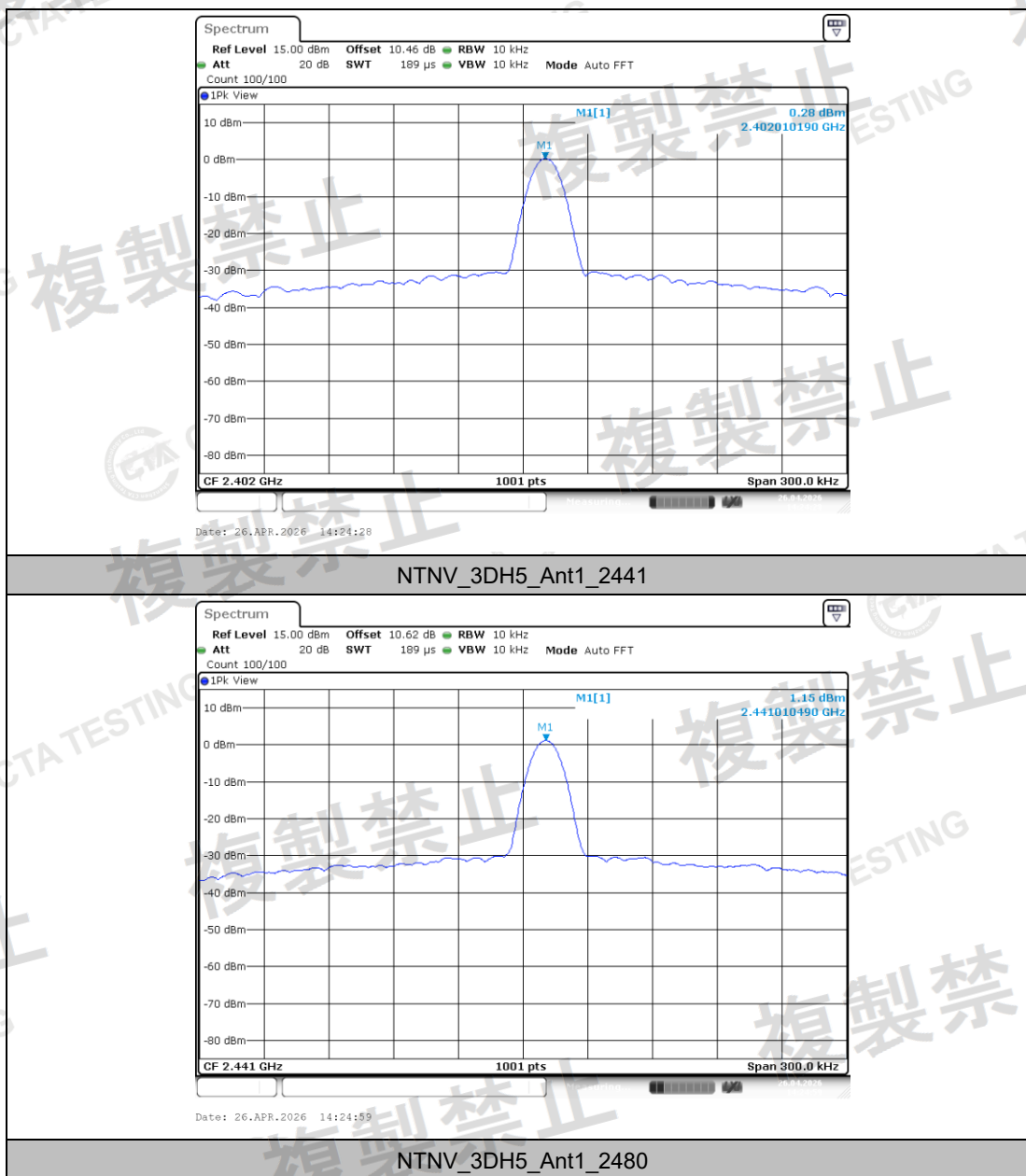
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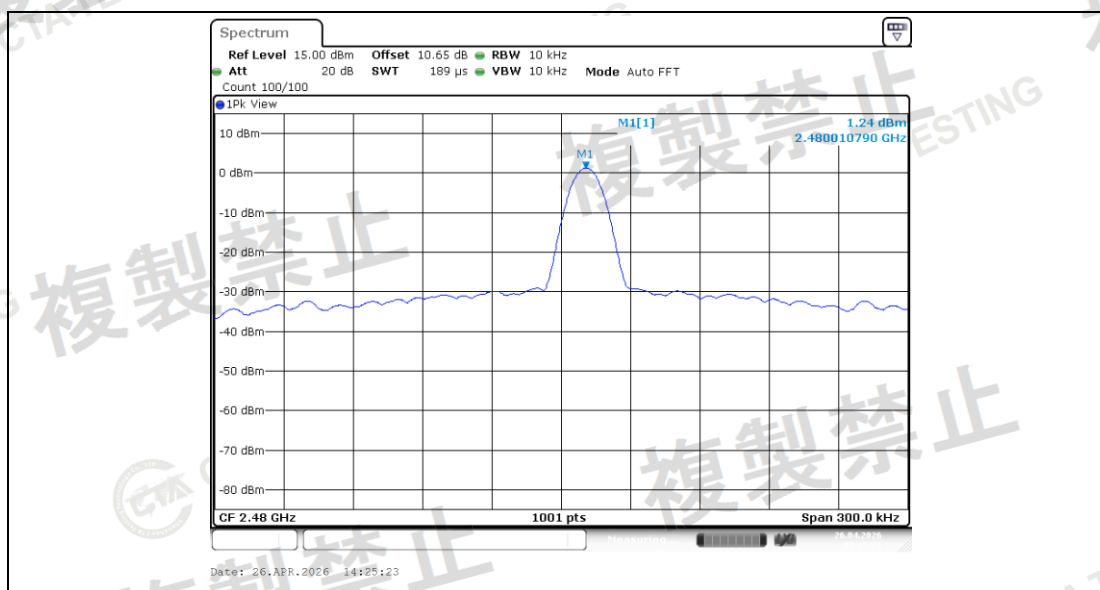
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Appendix B: Occupied Bandwidth

Test Result

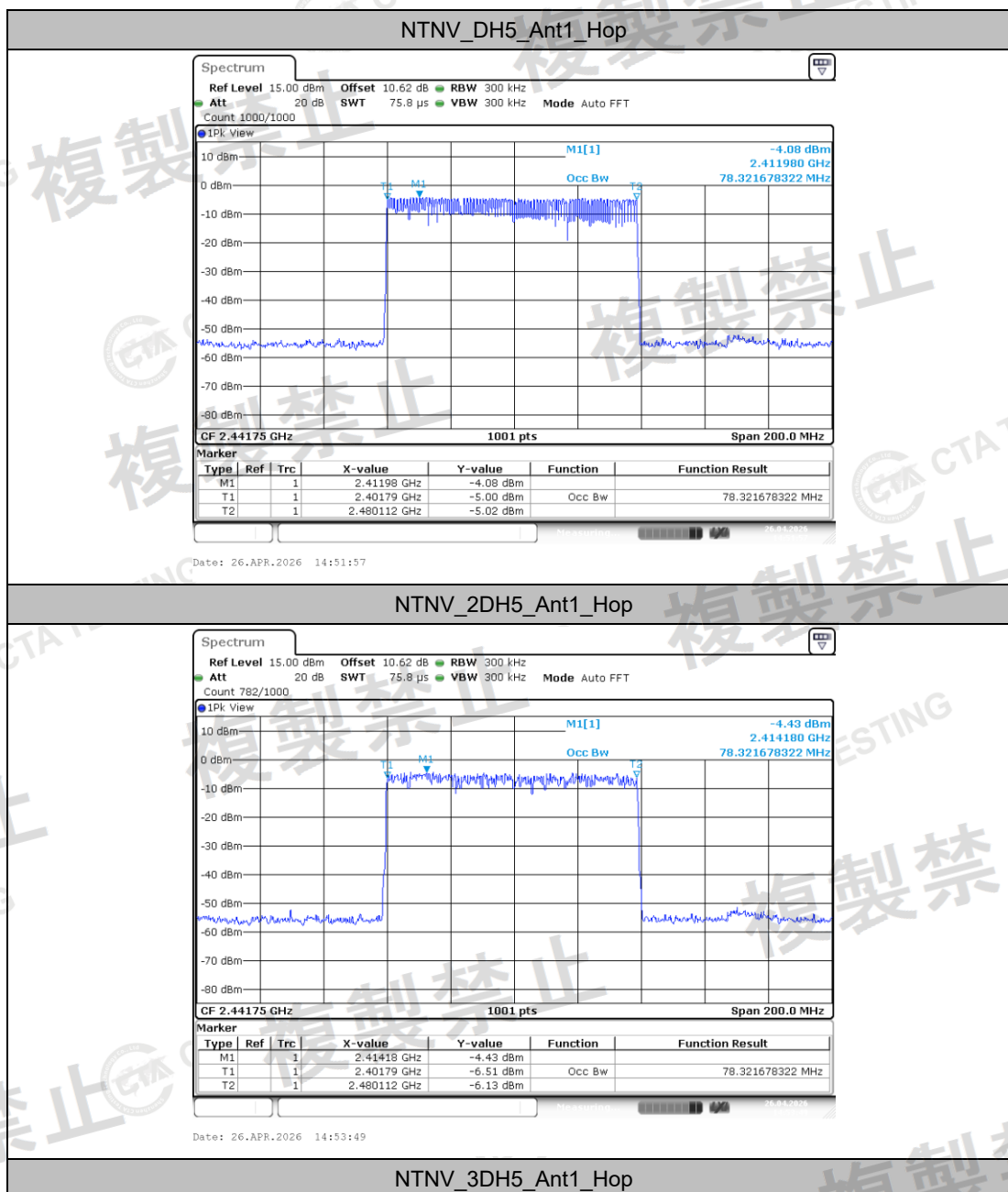
Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.322	≤83.5	PASS
	2DH5	Ant1	Hop	78.322	≤83.5	PASS
	3DH5	Ant1	Hop	78.521	≤83.5	PASS



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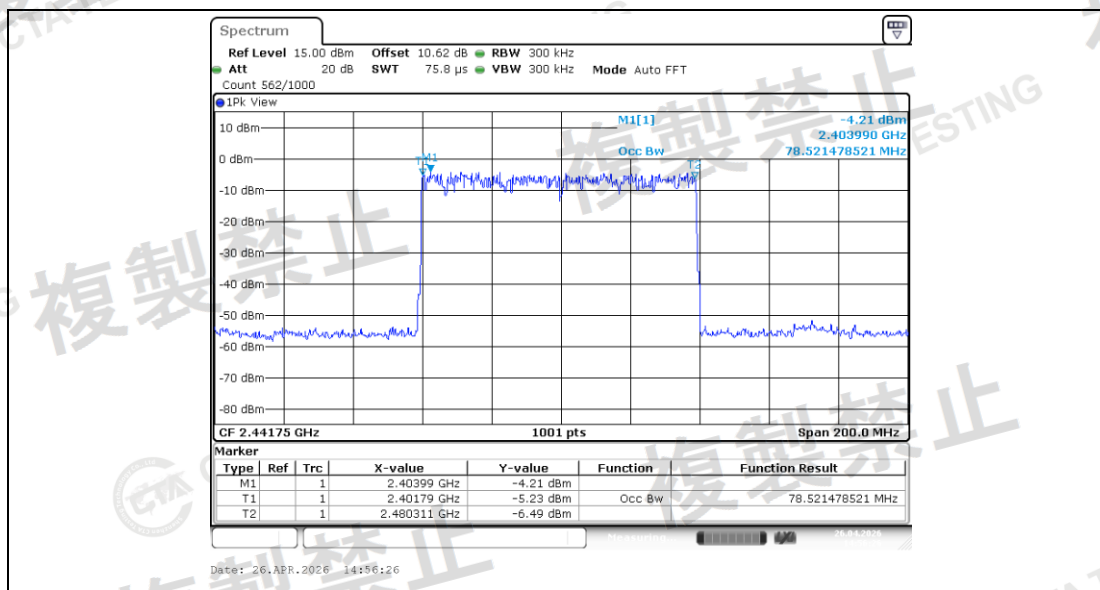
Test Graphs





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Appendix C: Spread Bandwidth

Test Result

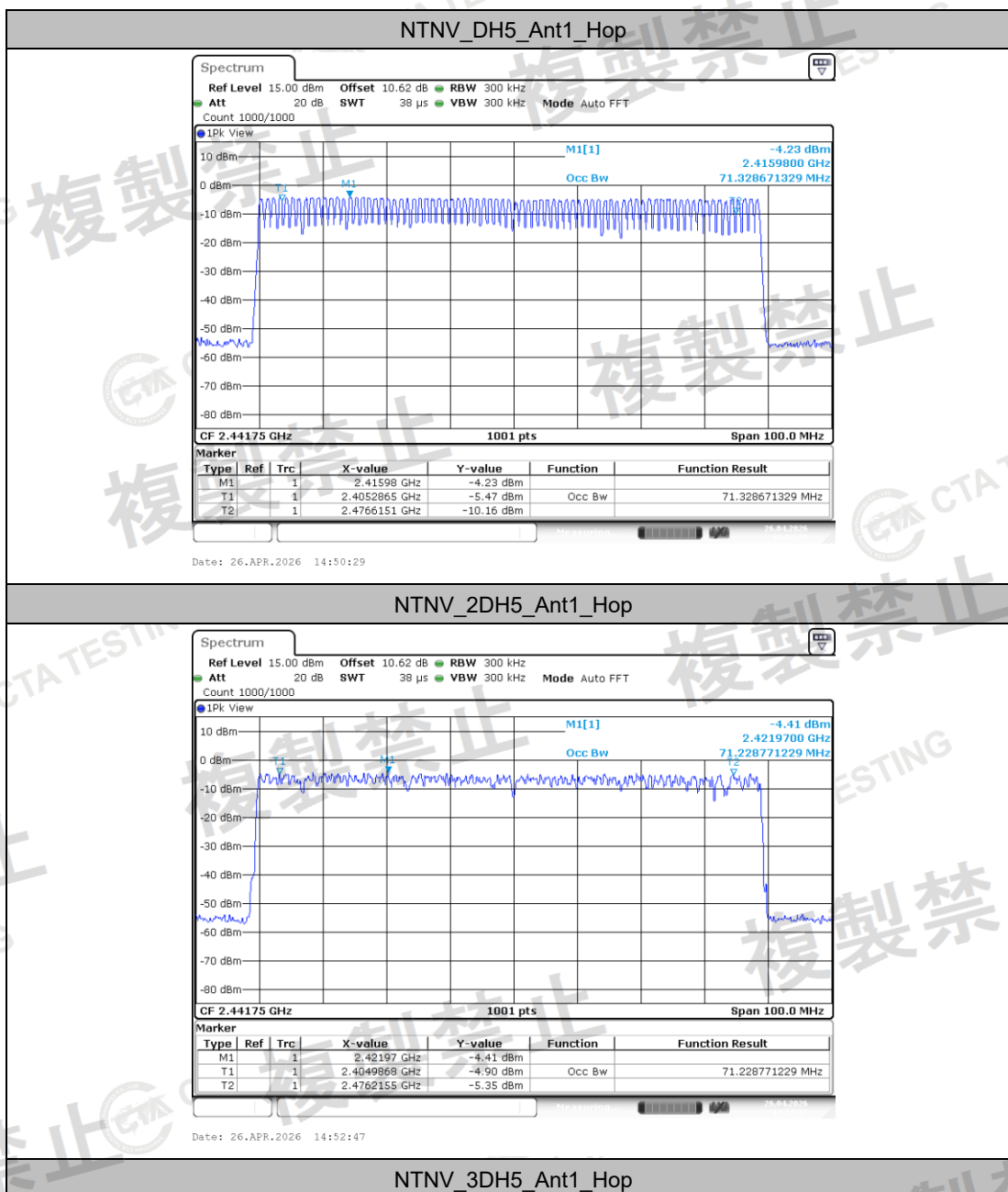
Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.329	≥ 0.5	71.329	> 5	PASS
	2DH5	Ant1	Hop	71.229	≥ 0.5	71.229	> 5	PASS
	3DH5	Ant1	Hop	71.229	≥ 0.5	71.229	> 5	PASS



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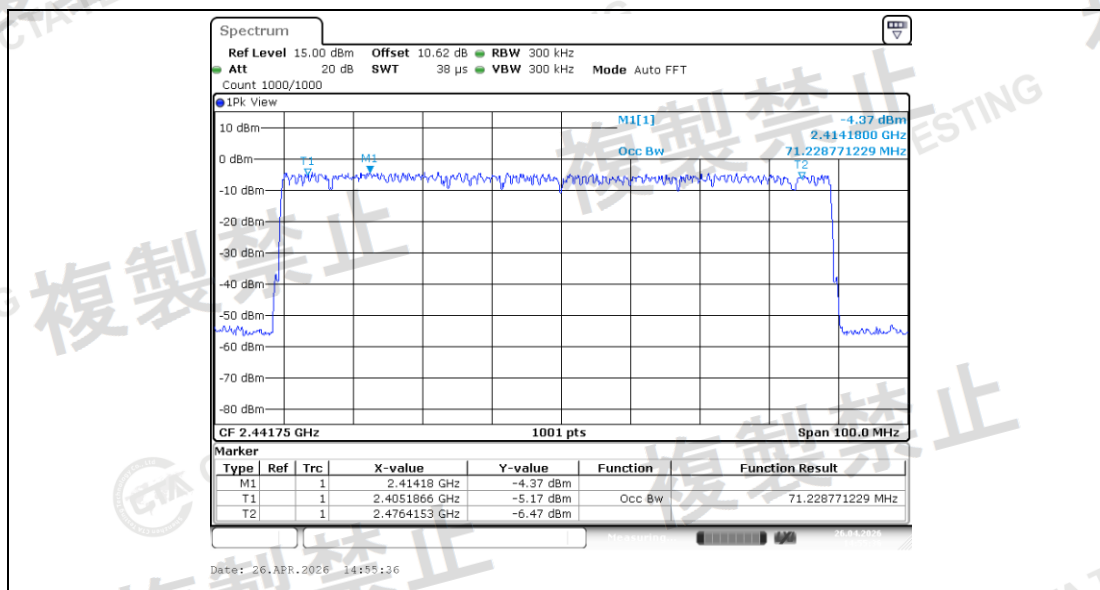
Test Graphs





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Appendix D: Spurious Emission of TX

Test Result

Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	948.11	-54.10	≤-26	0.00389	≤2.5	PASS
				1000~2387	2376.94	-52.34	≤-26	0.00583	≤2.5	PASS
				2387~2400	2399.99	-37.34	≤-16	0.18450	≤25	PASS
				2483.5~2496.5	2495.54	-43.42	≤-16	0.04550	≤25	PASS
				2496.5~13000	5218.48	-40.49	≤-26	0.08933	≤2.5	PASS
			2441	30~1000	240.25	-54.33	≤-26	0.00369	≤2.5	PASS
				1000~2387	2226.80	-53.47	≤-26	0.00450	≤2.5	PASS
				2387~2400	2387.60	-43.41	≤-16	0.04560	≤25	PASS
				2483.5~2496.5	2485.47	-42.72	≤-16	0.05346	≤25	PASS
				2496.5~13000	5226.88	-37.81	≤-26	0.16558	≤2.5	PASS
			2480	30~1000	649.83	-54.55	≤-26	0.00351	≤2.5	PASS
				1000~2387	2190.74	-52.19	≤-26	0.00604	≤2.5	PASS
				2387~2400	2392.34	-43.84	≤-16	0.04130	≤25	PASS
				2483.5~2496.5	2484.53	-41.00	≤-16	0.07943	≤25	PASS
				2496.5~13000	4960.10	-40.31	≤-26	0.09311	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	996.61	-54.04	≤-26	0.00394	≤2.5	PASS
				1000~2387	2354.41	-52.57	≤-26	0.00553	≤2.5	PASS
				2387~2400	2399.99	-30.49	≤-16	0.89331	≤25	PASS
				2483.5~2496.5	2493.50	-43.61	≤-16	0.04355	≤25	PASS
				2496.5~13000	4804.64	-40.45	≤-26	0.09016	≤2.5	PASS
			2441	30~1000	899.36	-54.46	≤-26	0.00358	≤2.5	PASS
				1000~2387	2032.97	-53.69	≤-26	0.00428	≤2.5	PASS
				2387~2400	2394.91	-43.54	≤-16	0.04426	≤25	PASS
				2483.5~2496.5	2494.99	-43.16	≤-16	0.04831	≤25	PASS
				2496.5~13000	4881.84	-40.34	≤-26	0.09247	≤2.5	PASS
			2480	30~1000	879.48	-54.12	≤-26	0.00387	≤2.5	PASS
				1000~2387	1672.00	-54.04	≤-26	0.00394	≤2.5	PASS
				2387~2400	2387.16	-43.30	≤-16	0.04677	≤25	PASS
				2483.5~2496.5	2484.48	-42.96	≤-16	0.05058	≤25	PASS
				2496.5~13000	4960.62	-39.08	≤-26	0.12359	≤2.5	PASS
	3DH5	Ant1	2402	30~1000	897.42	-54.13	≤-26	0.00386	≤2.5	PASS
				1000~2387	2362.03	-52.02	≤-26	0.00628	≤2.5	PASS
				2387~2400	2400.00	-29.54	≤-16	1.11173	≤25	PASS
				2483.5~2496.5	2491.80	-42.46	≤-16	0.05675	≤25	PASS
				2496.5~13000	4804.12	-41.04	≤-26	0.07870	≤2.5	PASS



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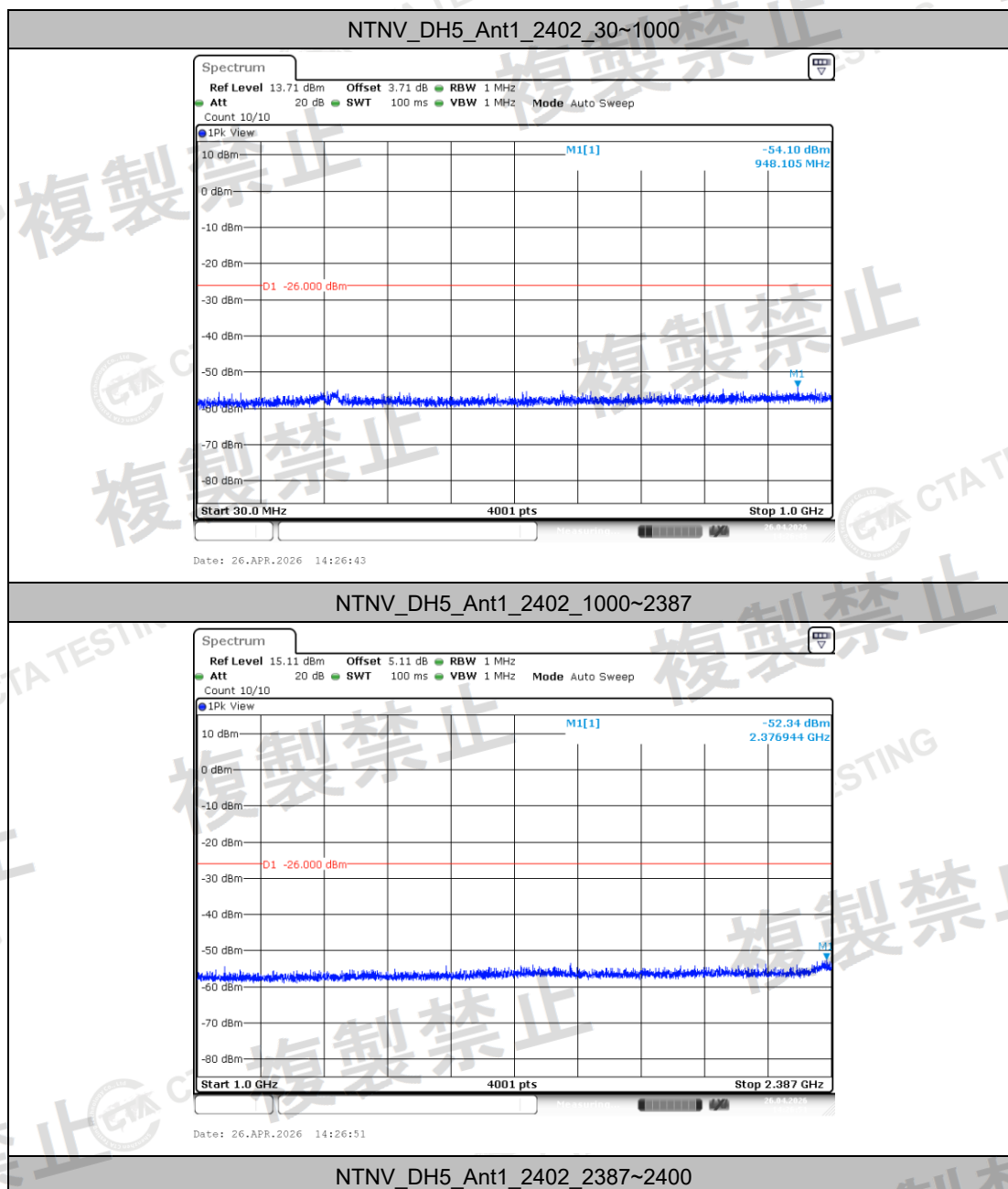
		2441	30~1000	918.04	-54.46	≤ -26	0.00358	≤ 2.5	PASS
			1000~2387	1816.94	-52.91	≤ -26	0.00512	≤ 2.5	PASS
			2387~2400	2389.45	-42.64	≤ -16	0.05445	≤ 25	PASS
			2483.5~2496.5	2485.83	-43.06	≤ -16	0.04943	≤ 25	PASS
			2496.5~13000	4882.37	-40.45	≤ -26	0.09016	≤ 2.5	PASS
		2480	30~1000	240.98	-54.18	≤ -26	0.00382	≤ 2.5	PASS
			1000~2387	2200.10	-54.08	≤ -26	0.00391	≤ 2.5	PASS
			2387~2400	2390.50	-43.71	≤ -16	0.04256	≤ 25	PASS
			2483.5~2496.5	2484.17	-42.71	≤ -16	0.05358	≤ 25	PASS
			2496.5~13000	5227.41	-37.46	≤ -26	0.17947	≤ 2.5	PASS



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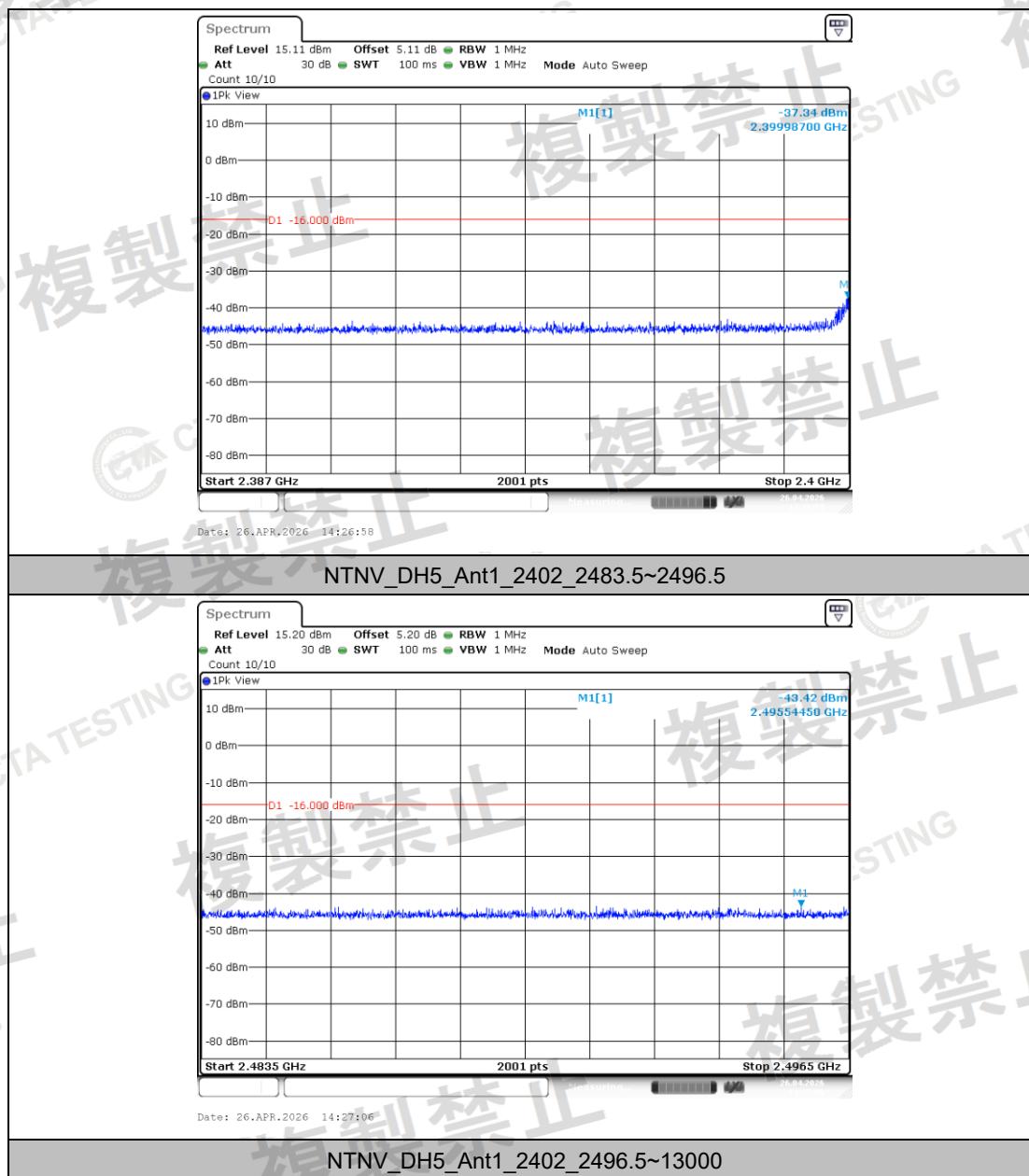
Test Graphs





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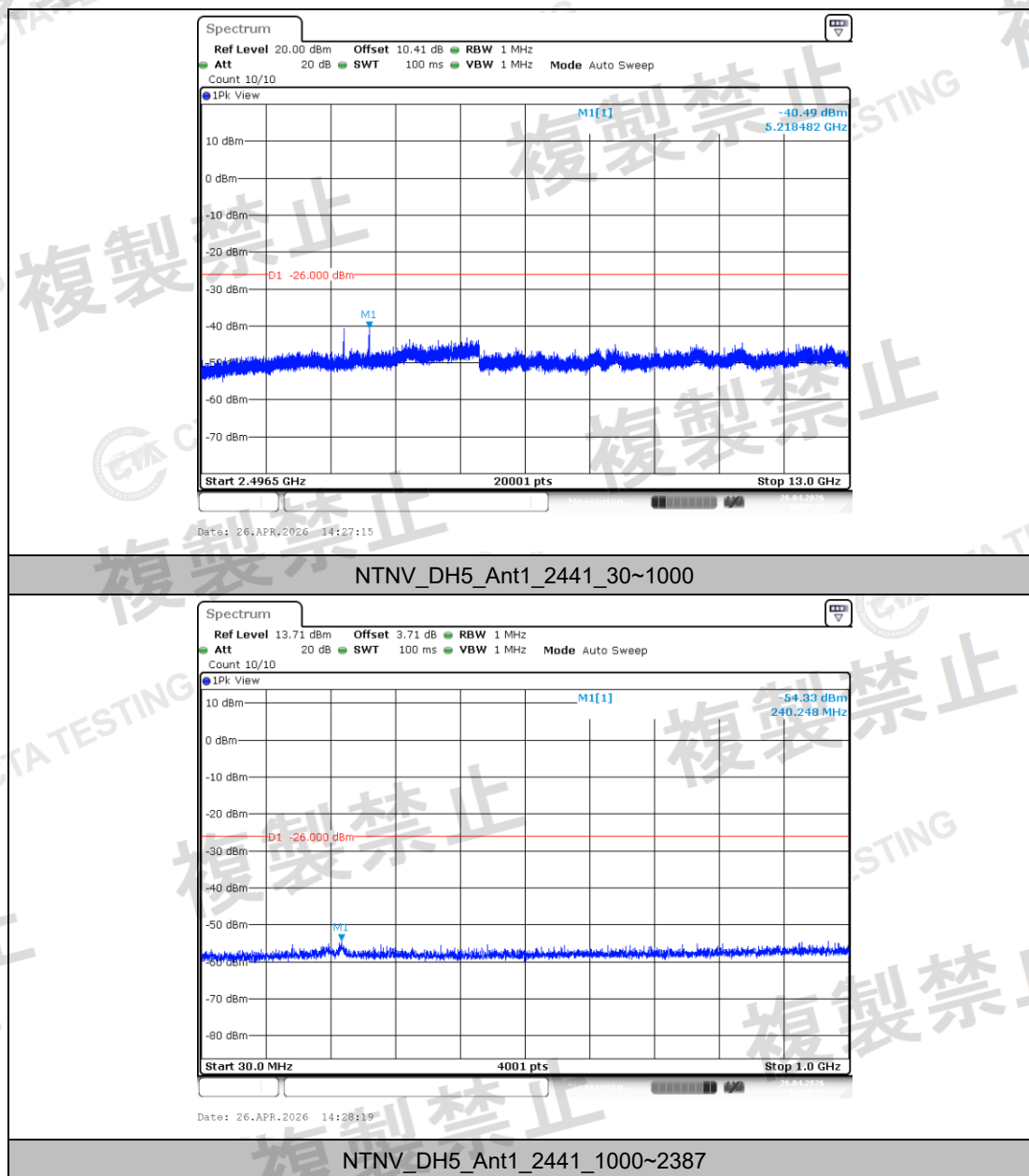
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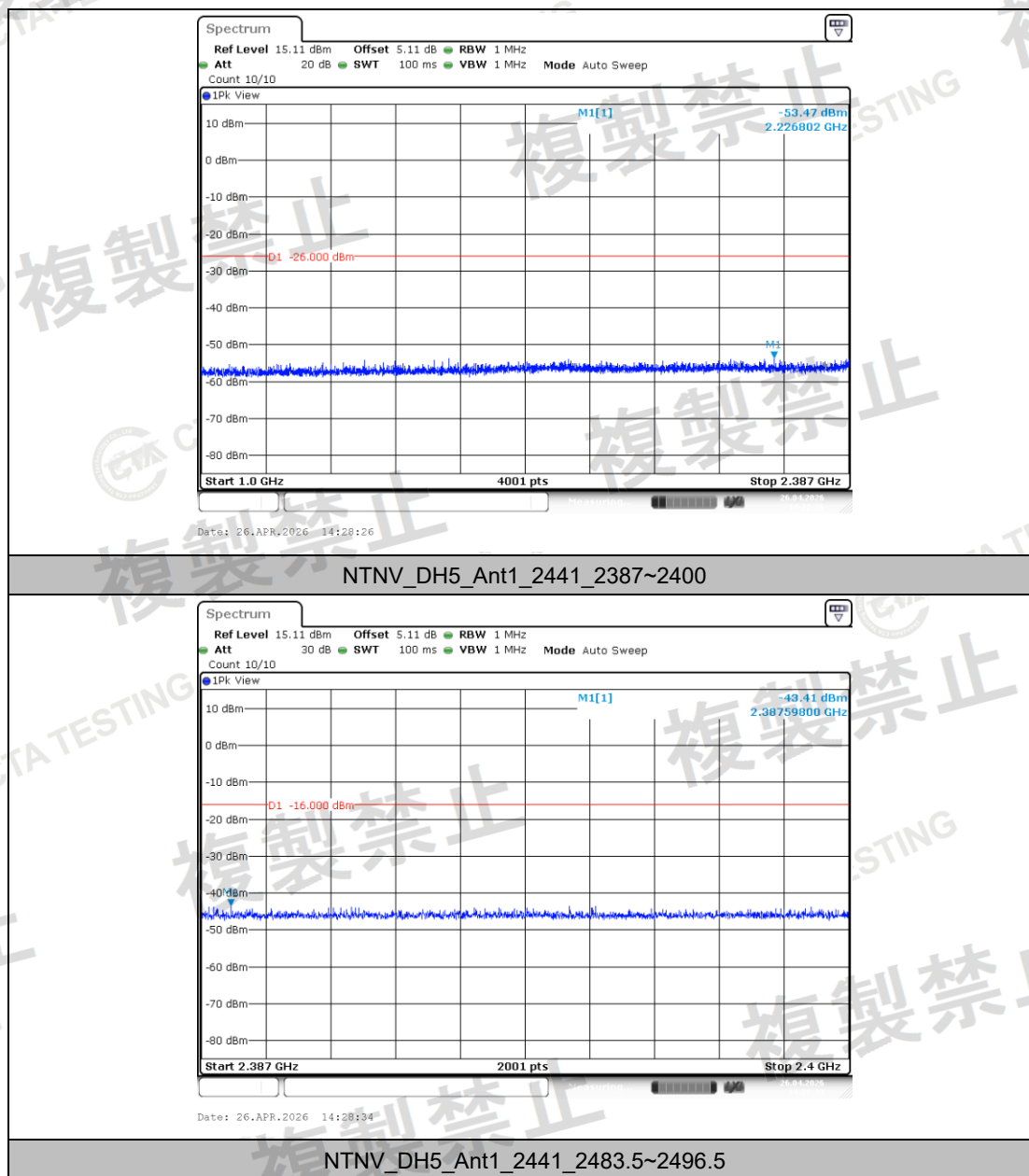
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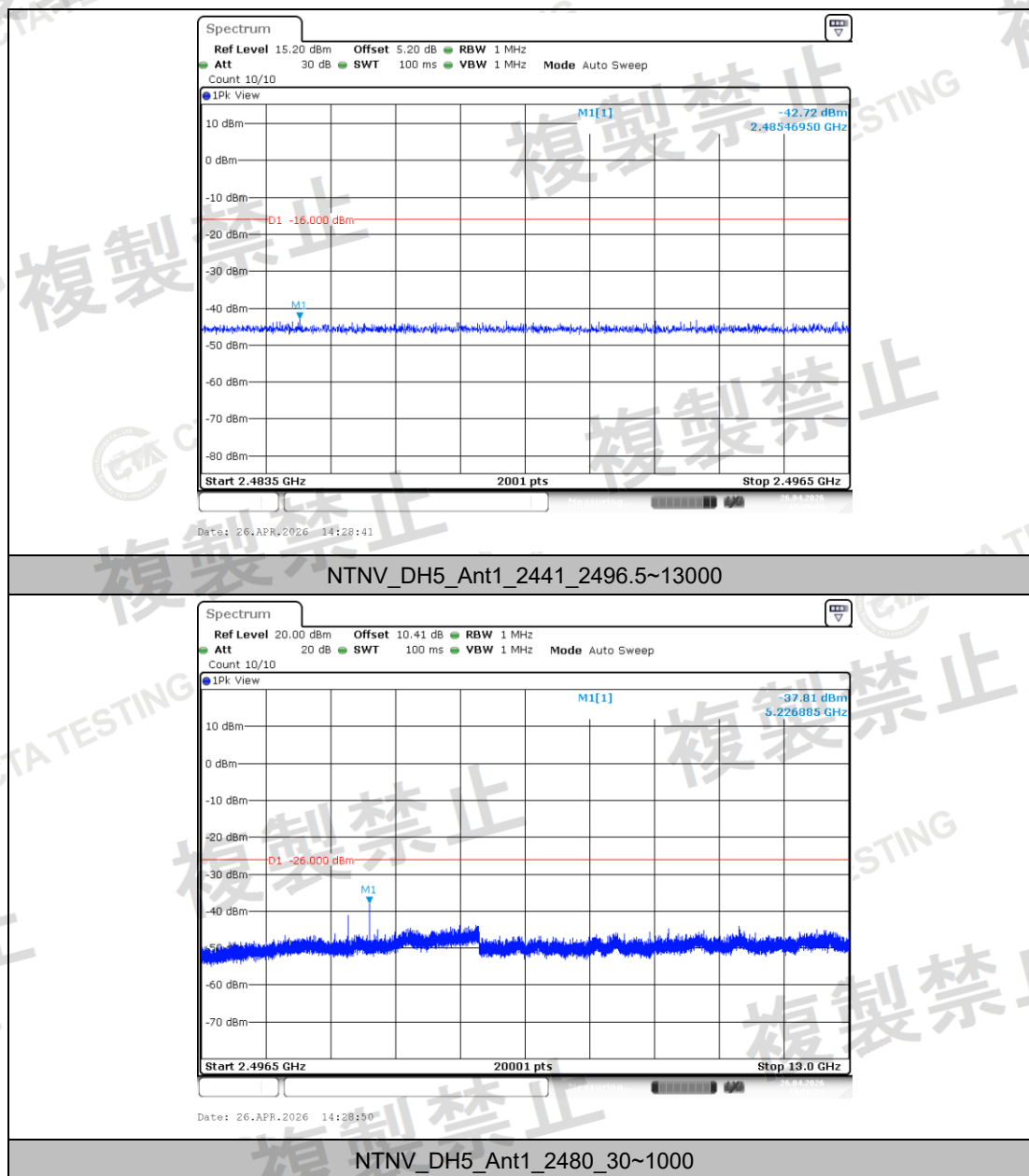
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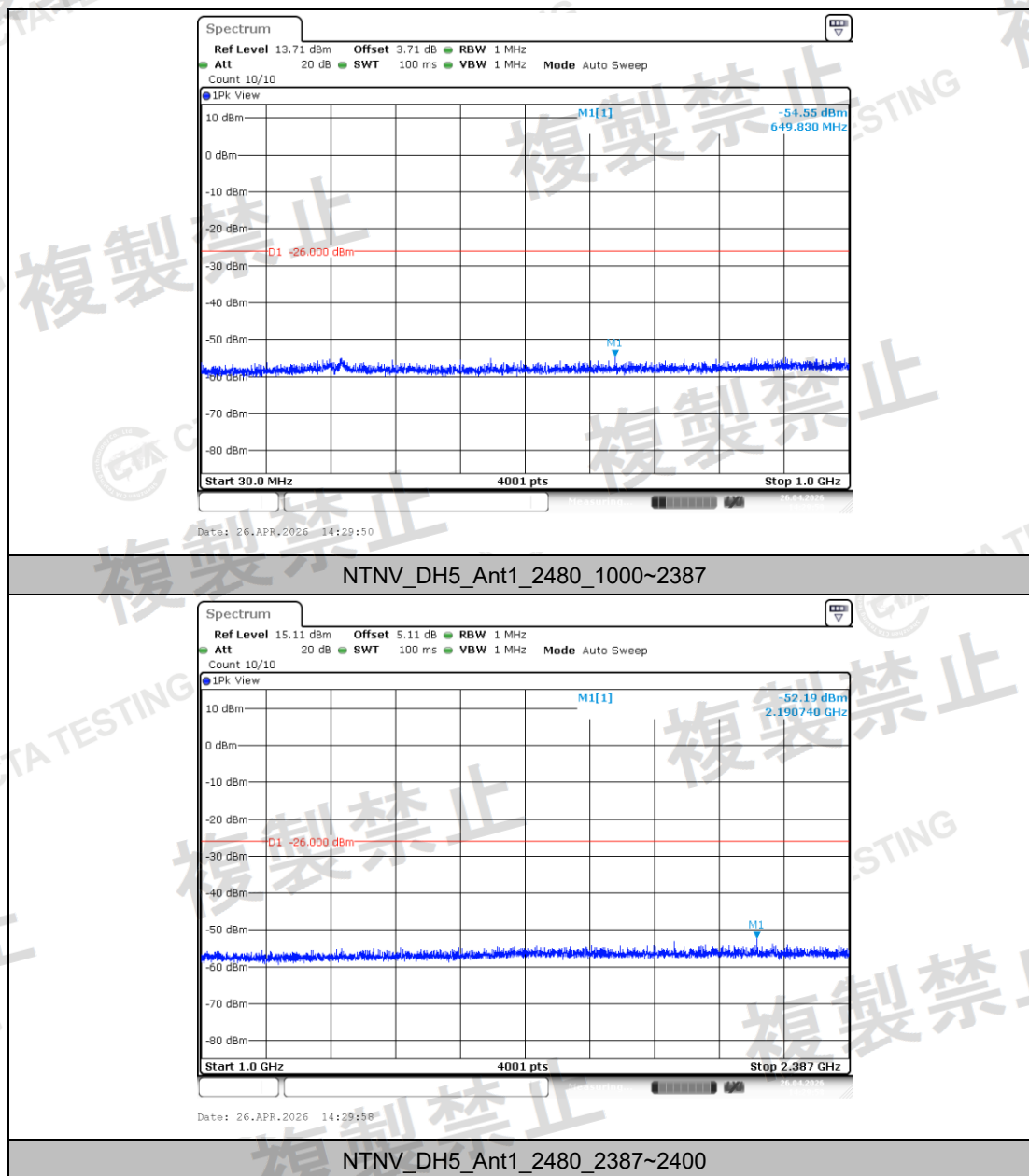
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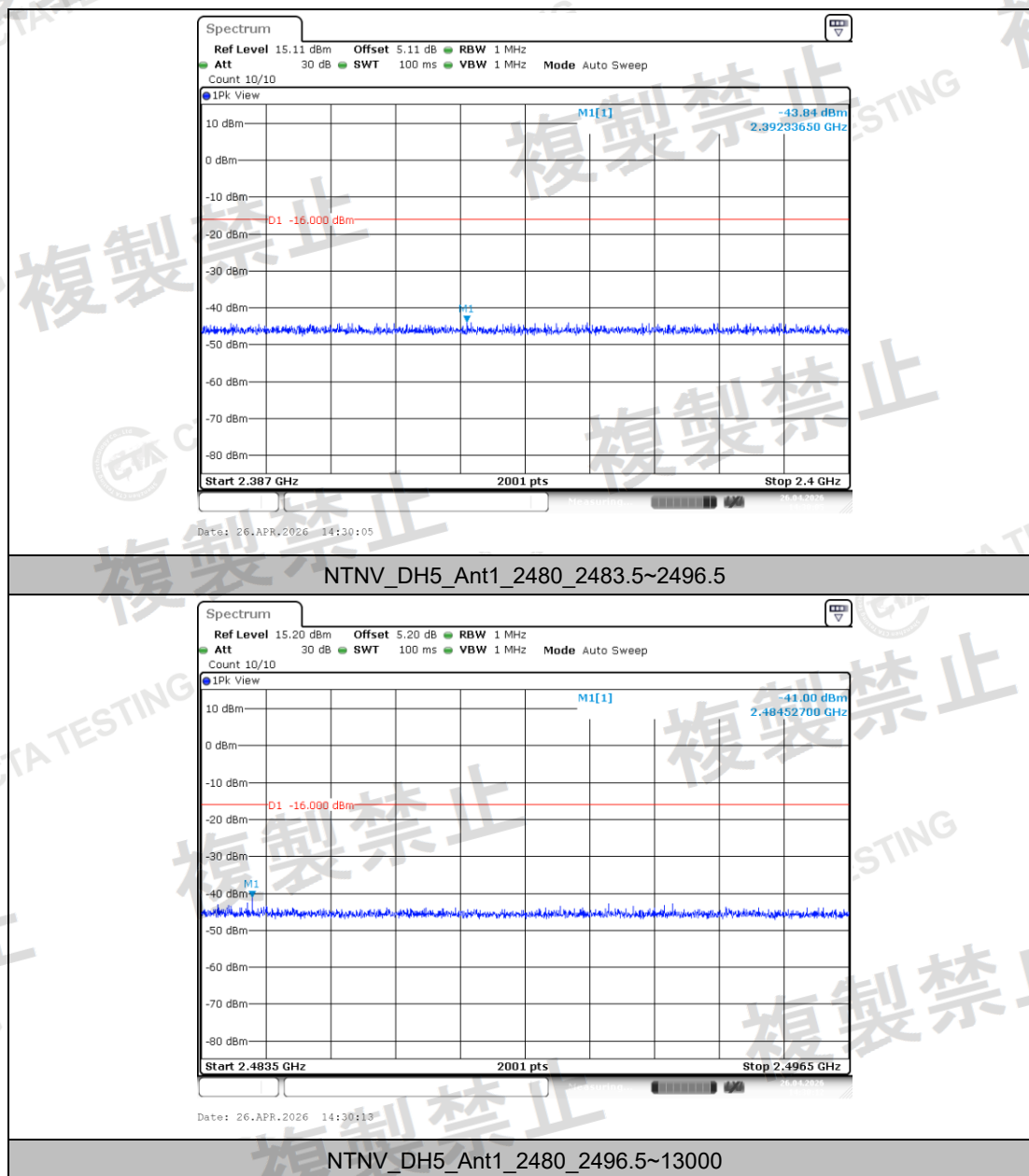
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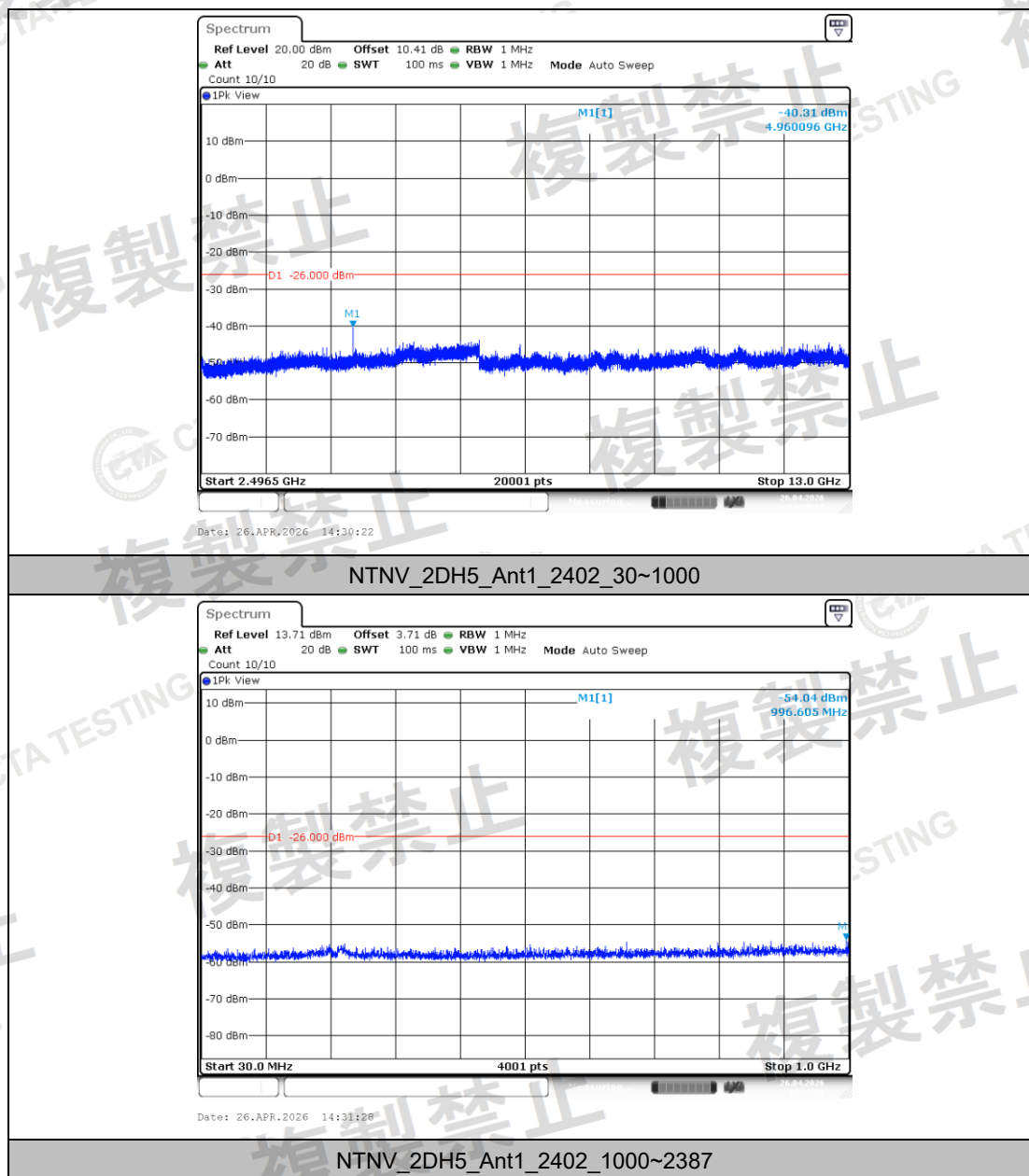
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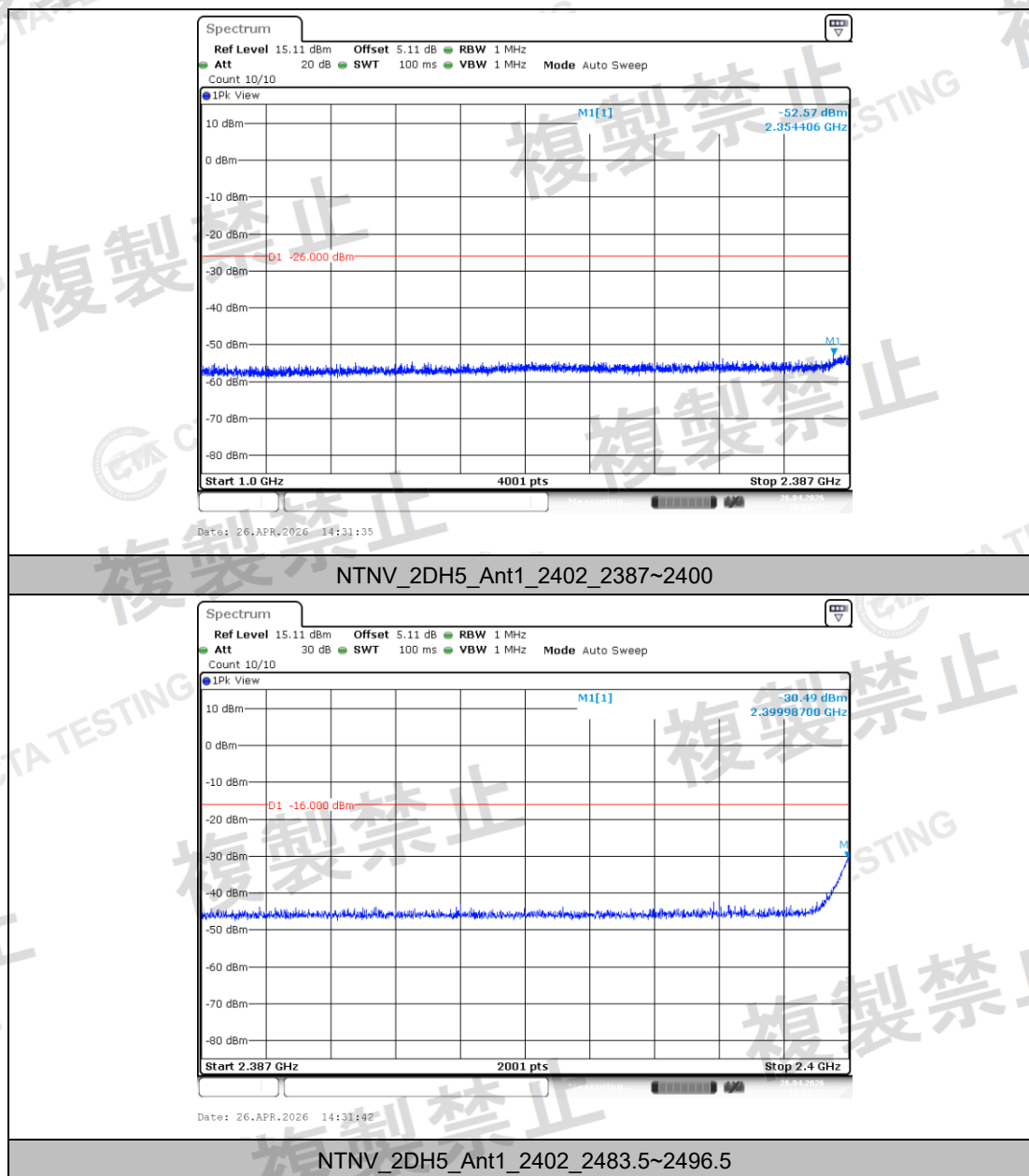
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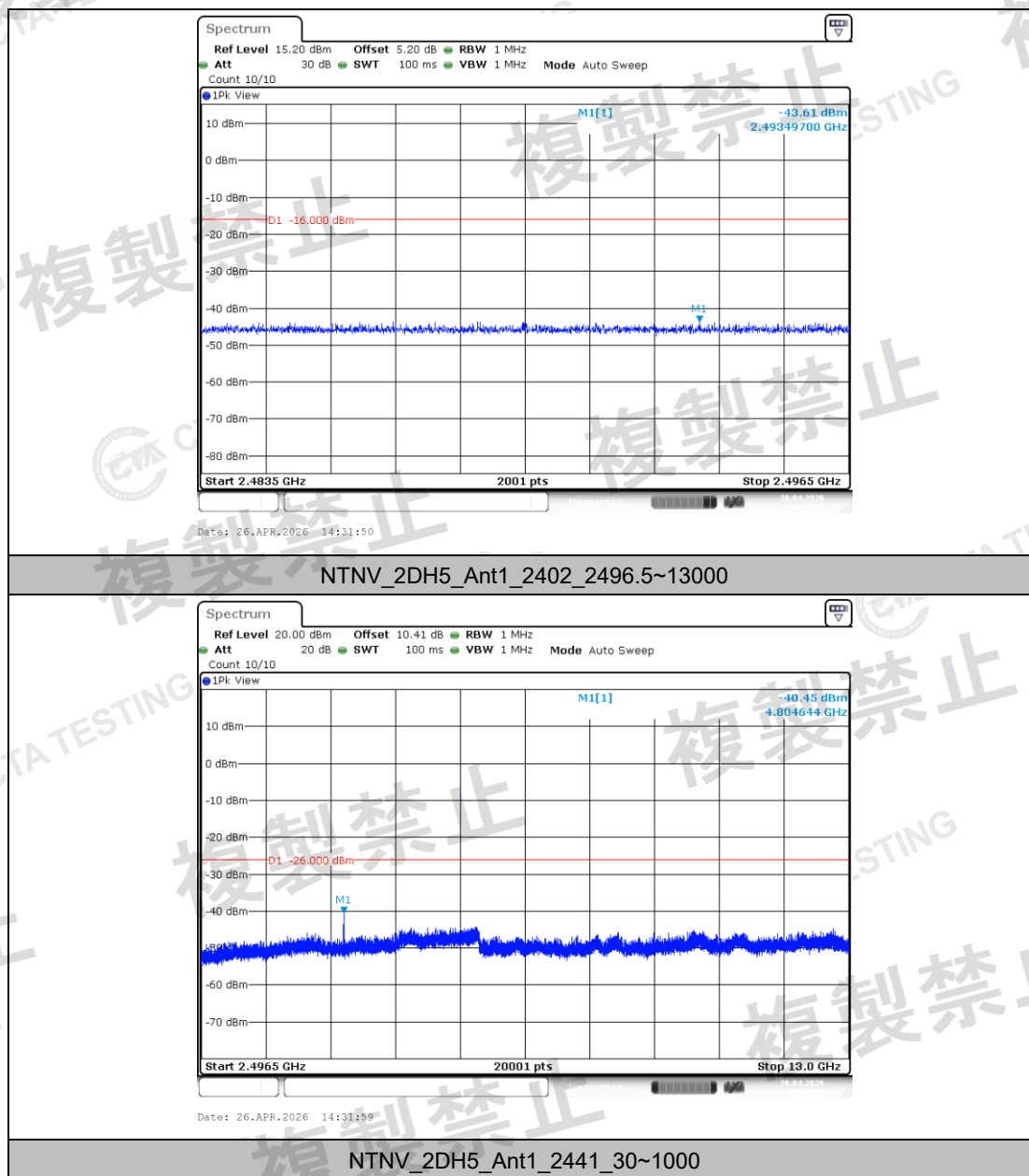
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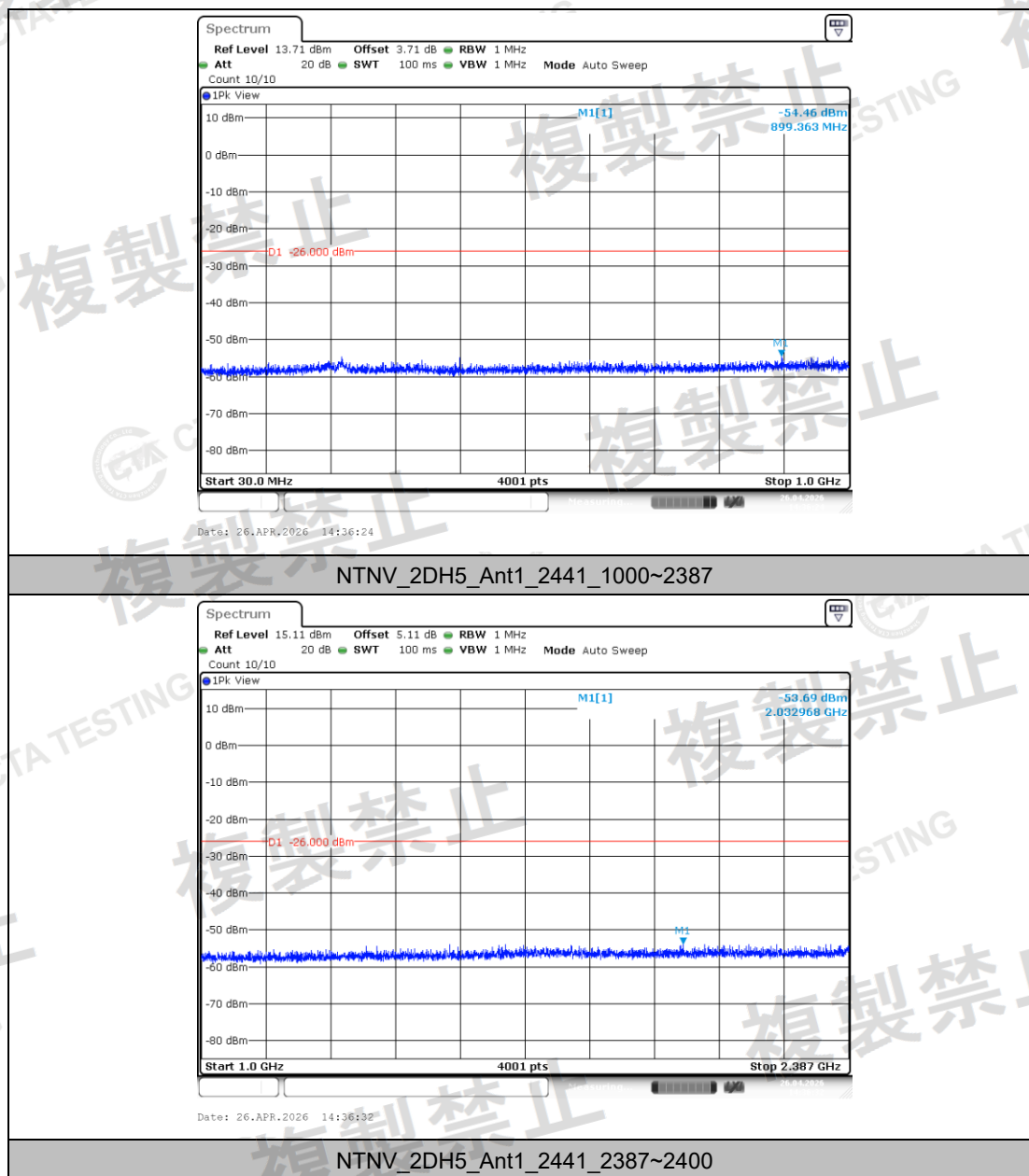
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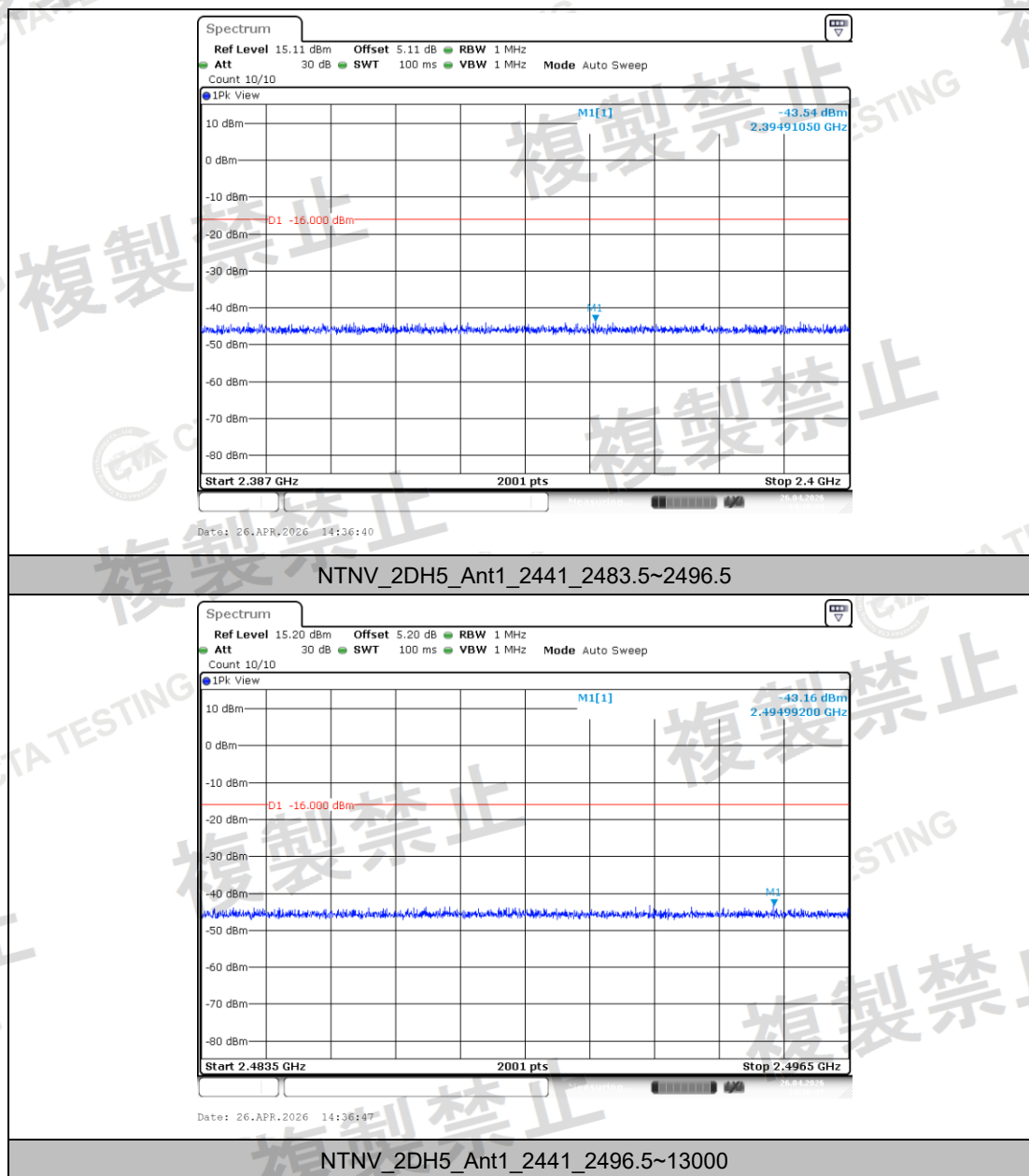
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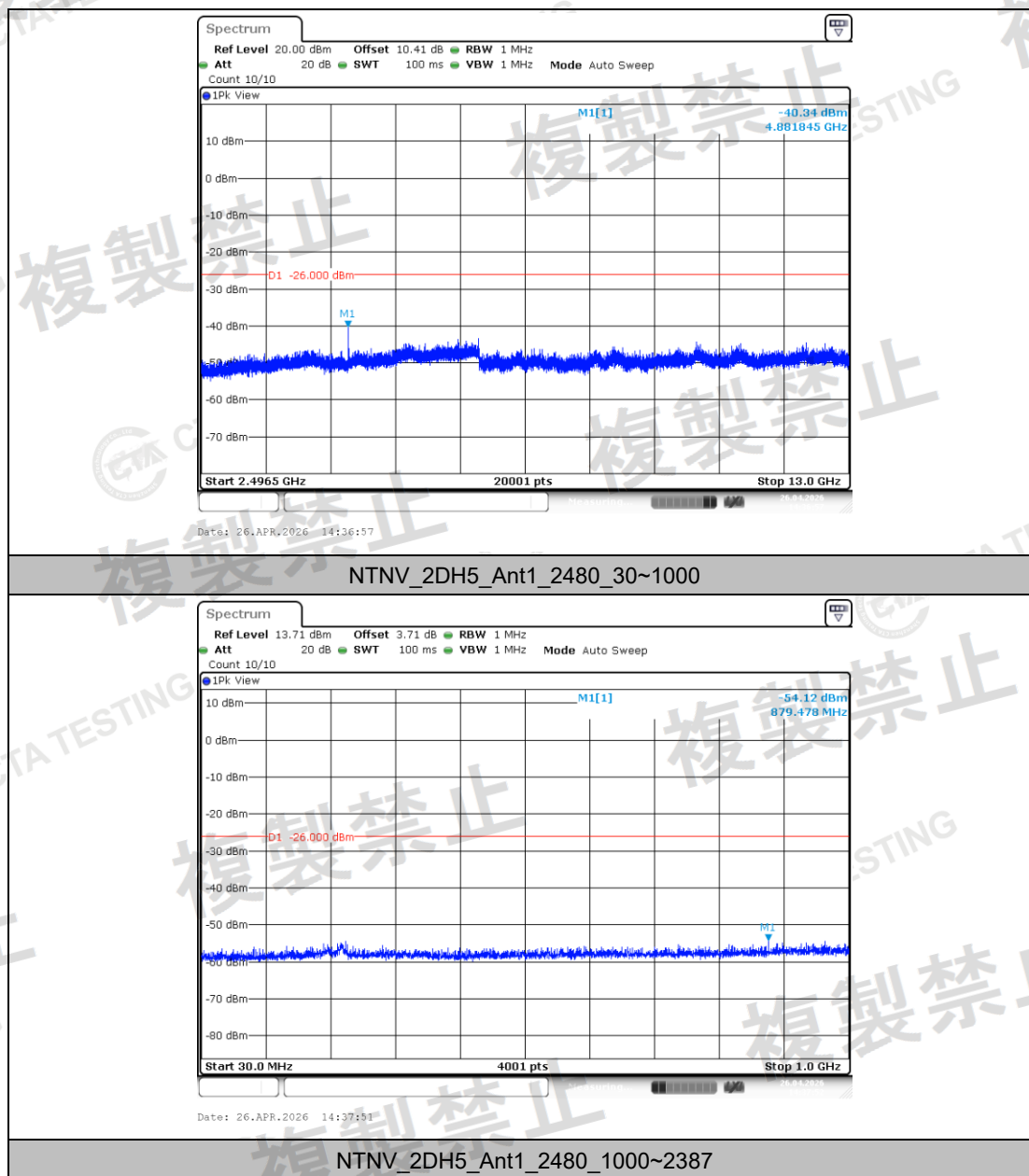
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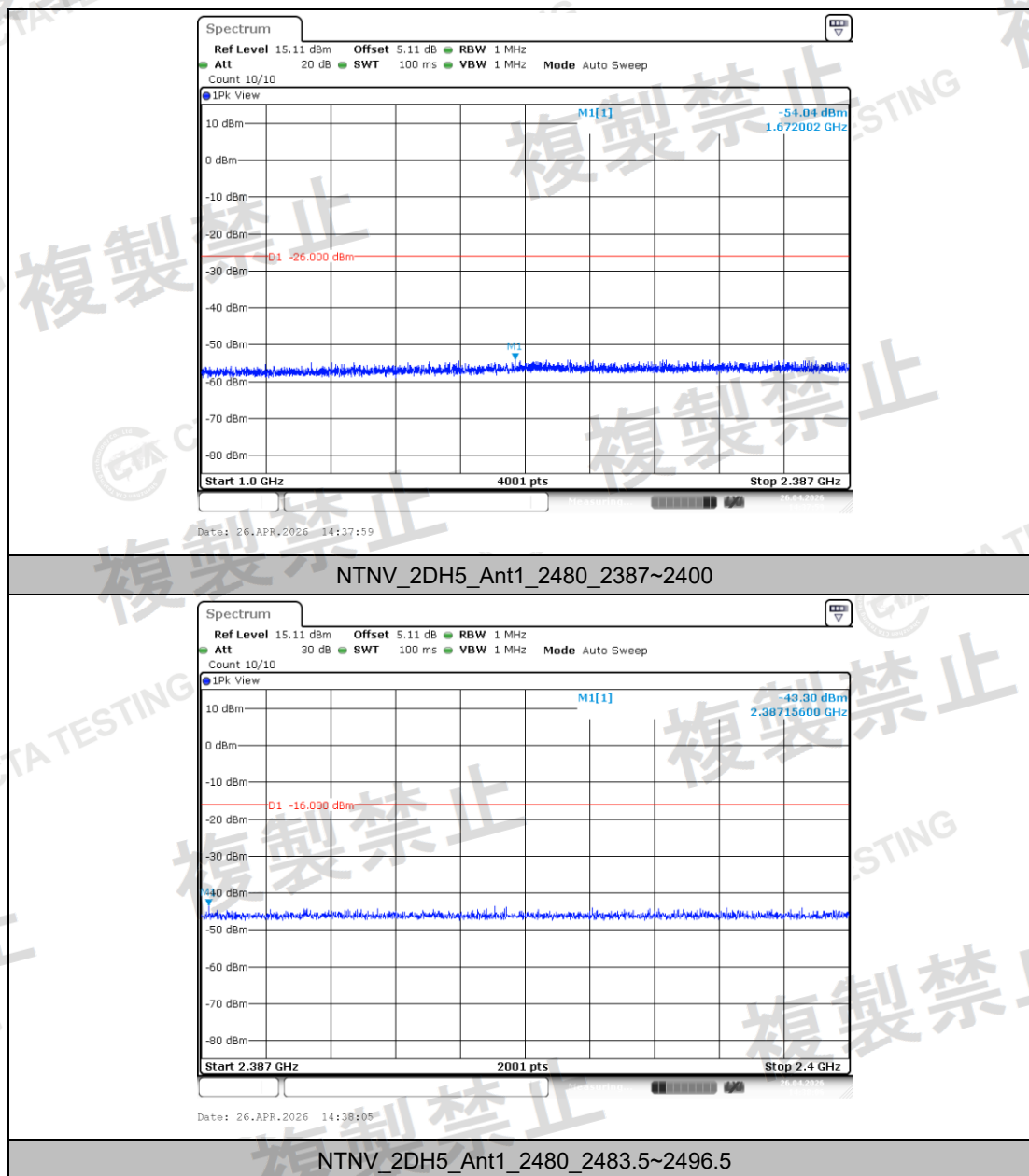
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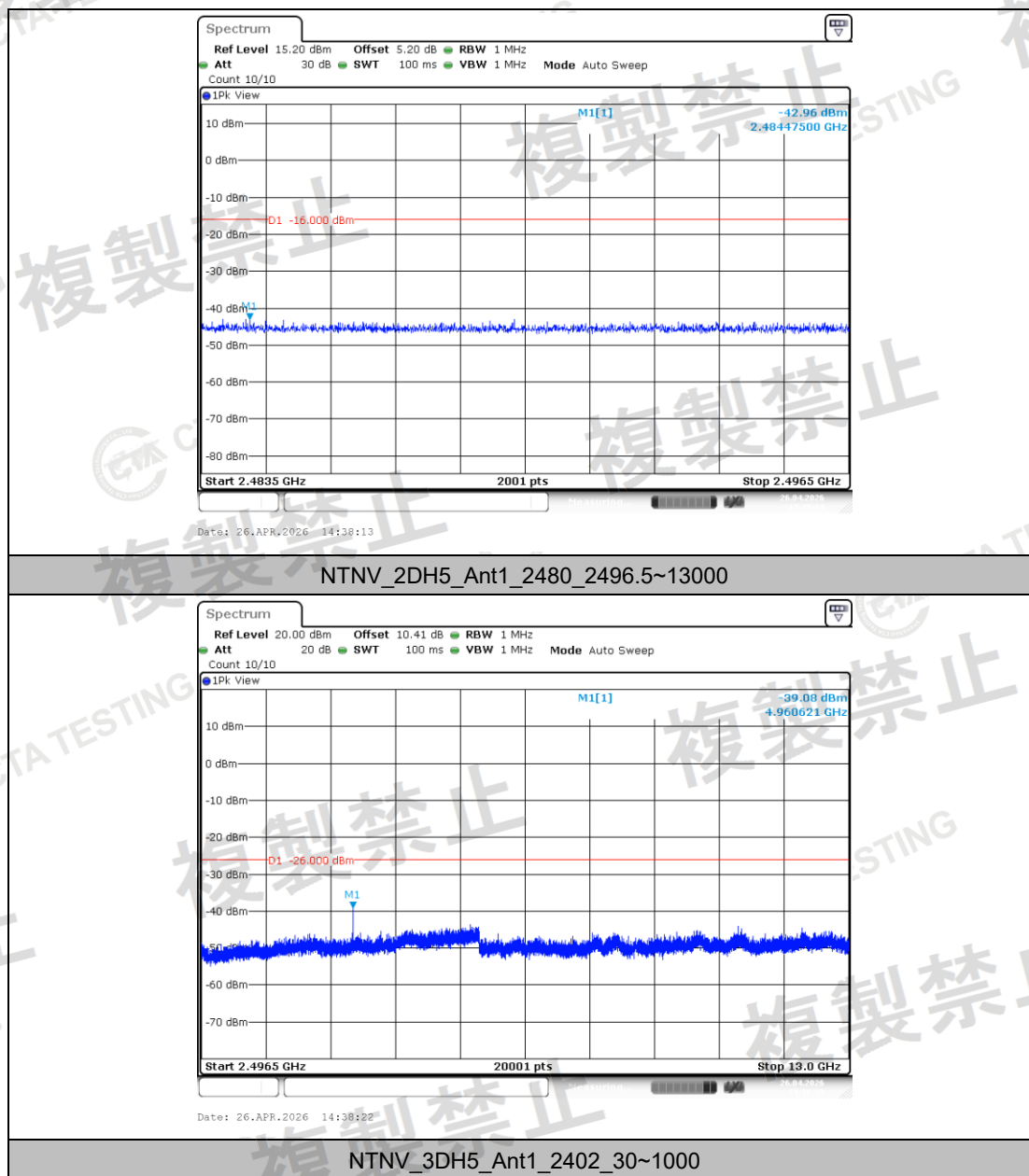
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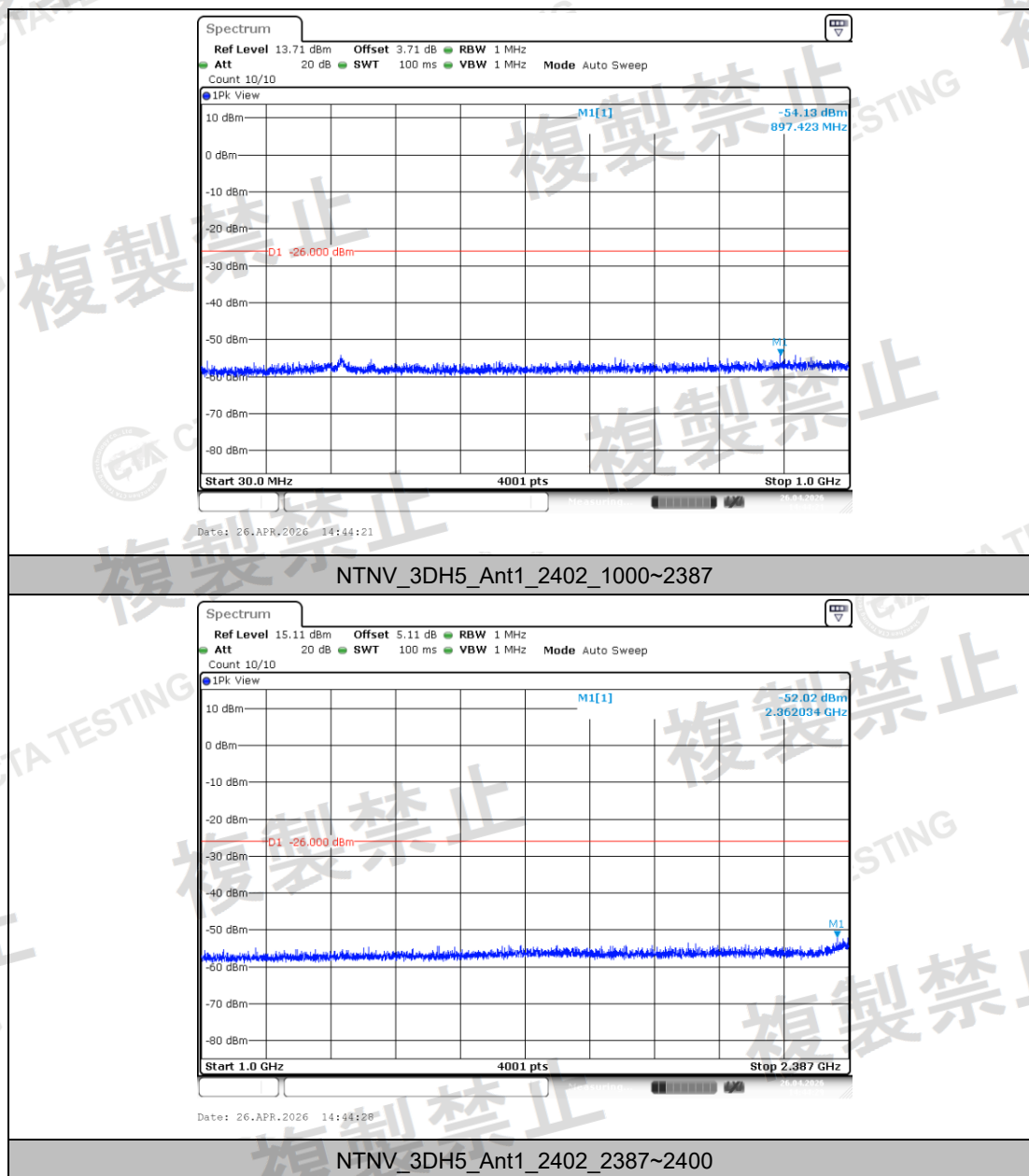
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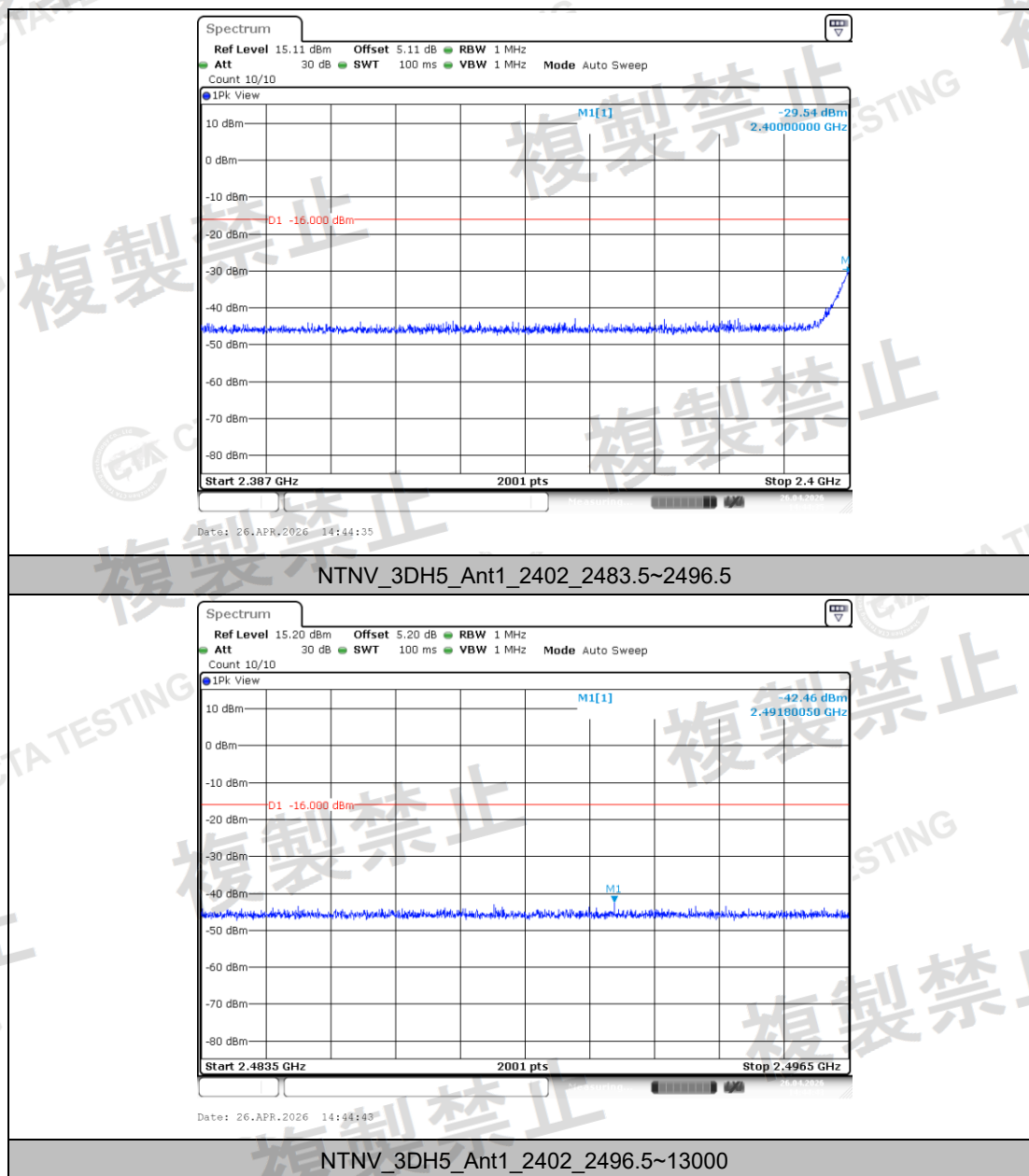
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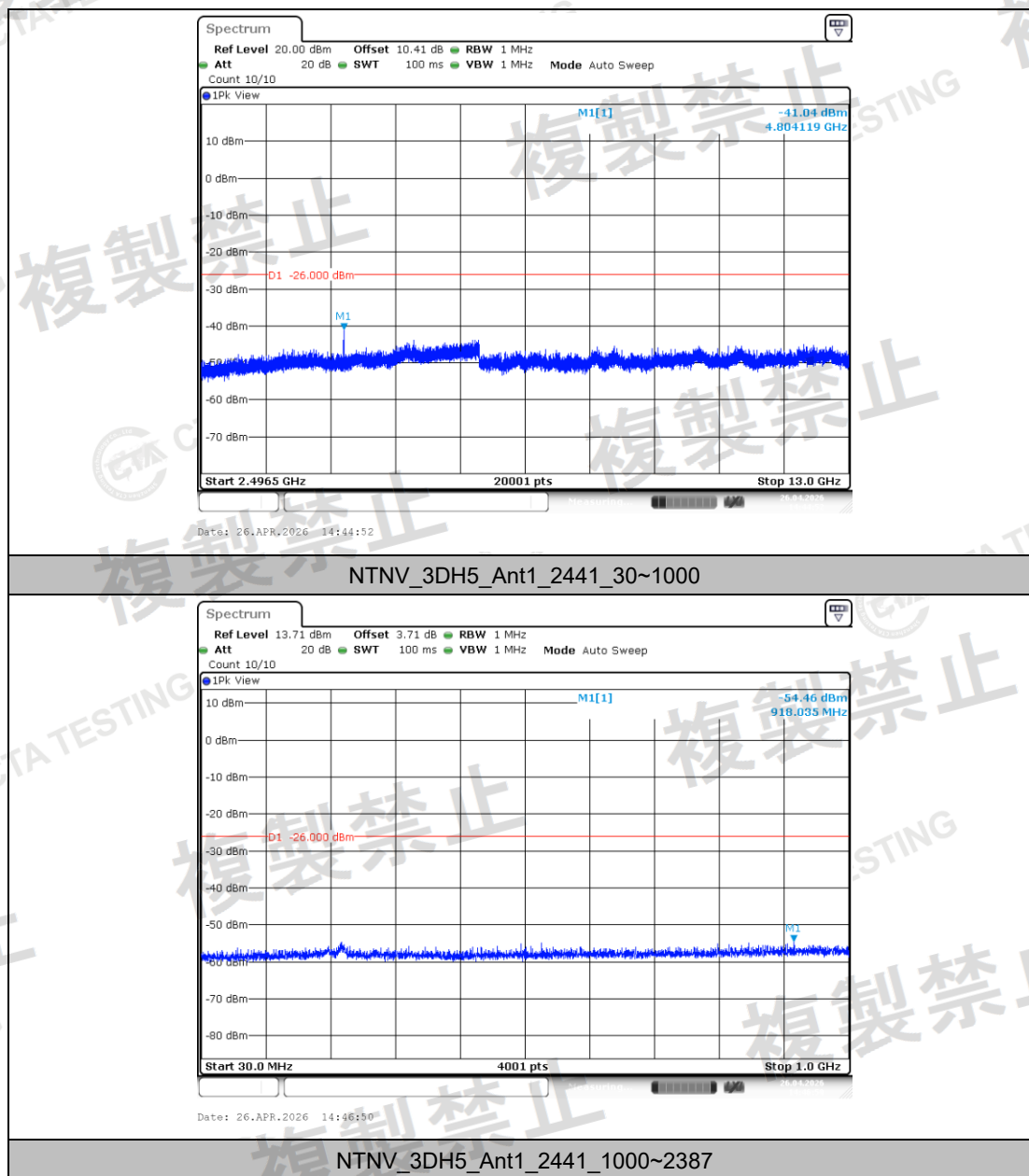
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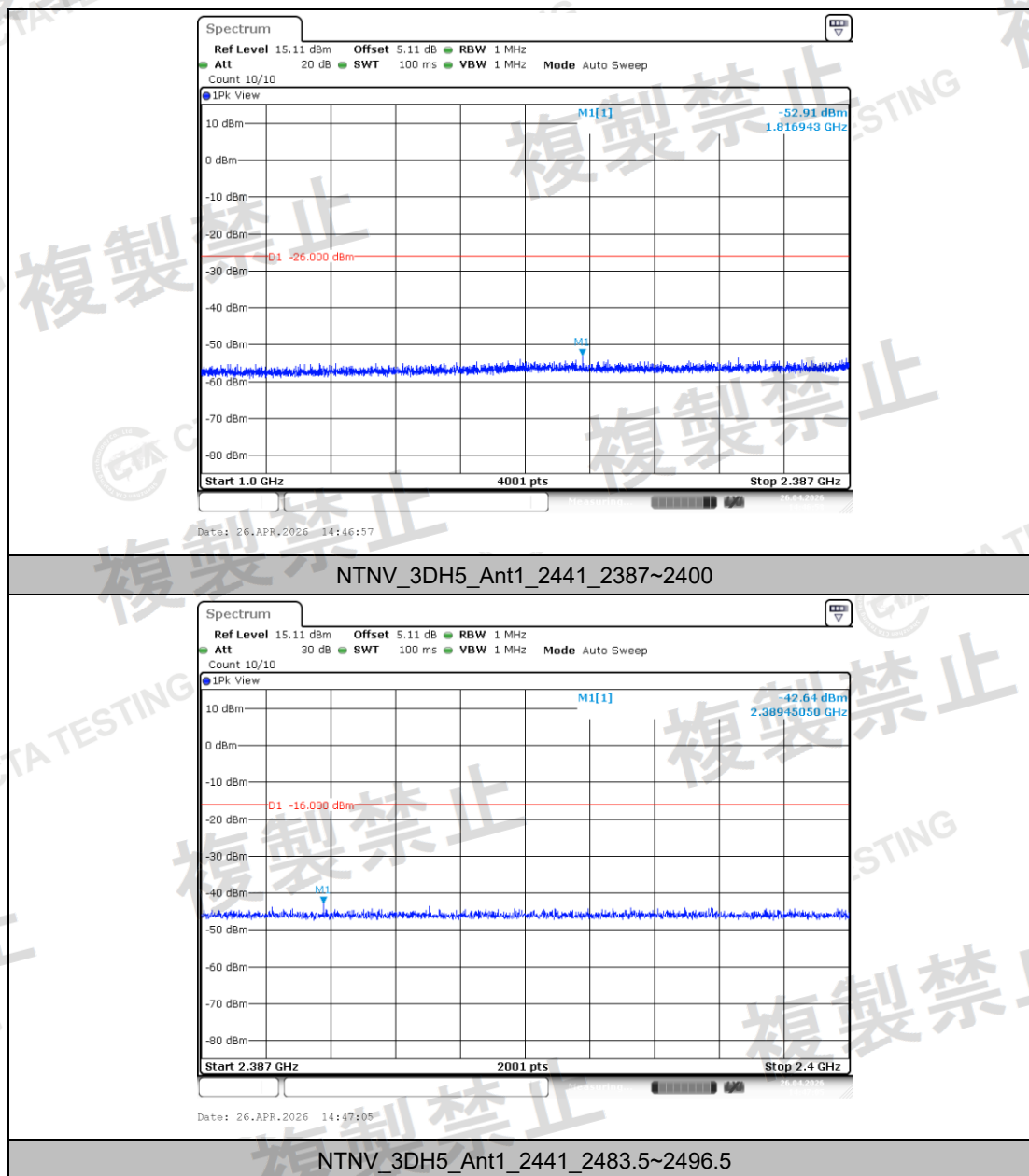
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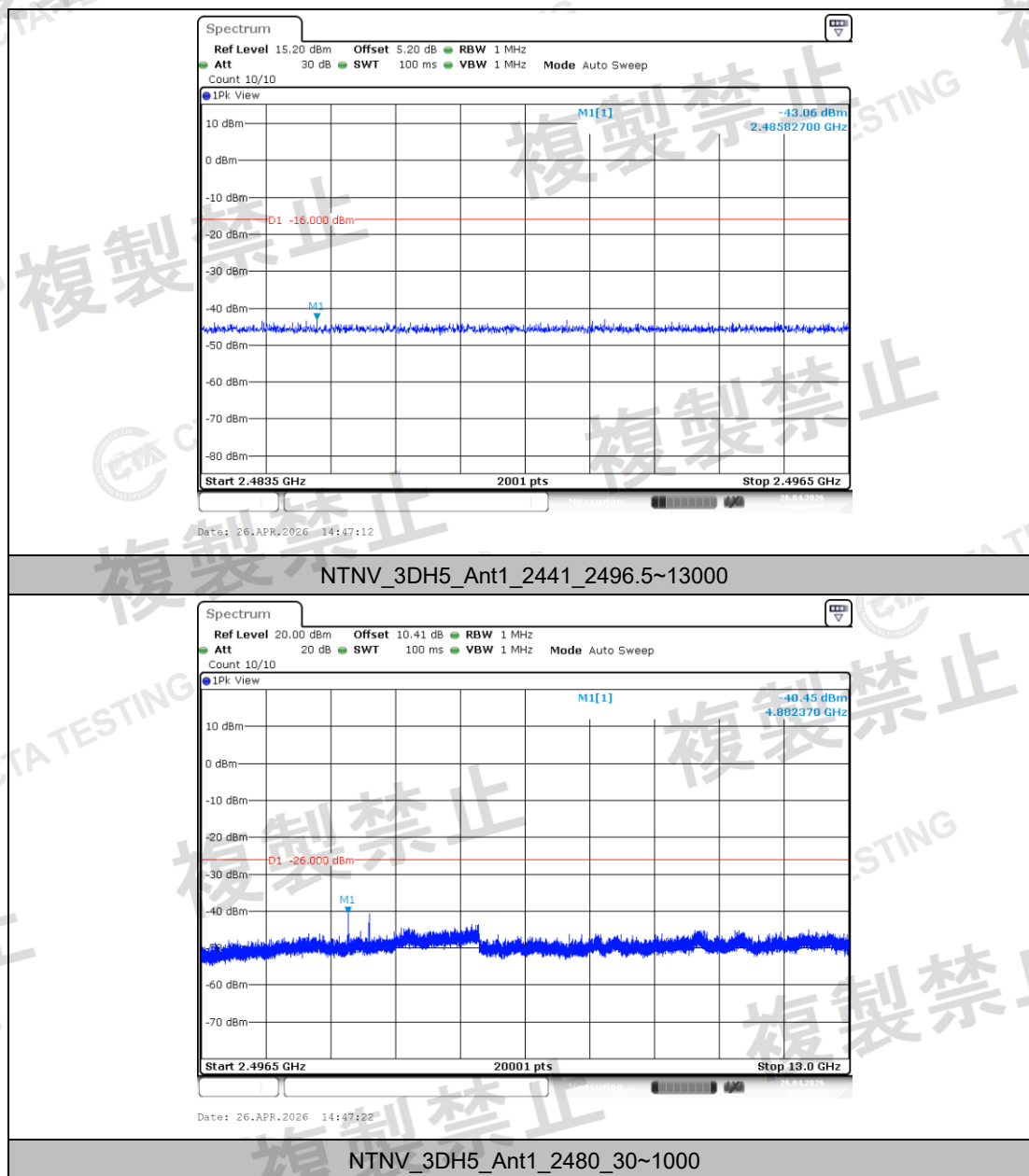
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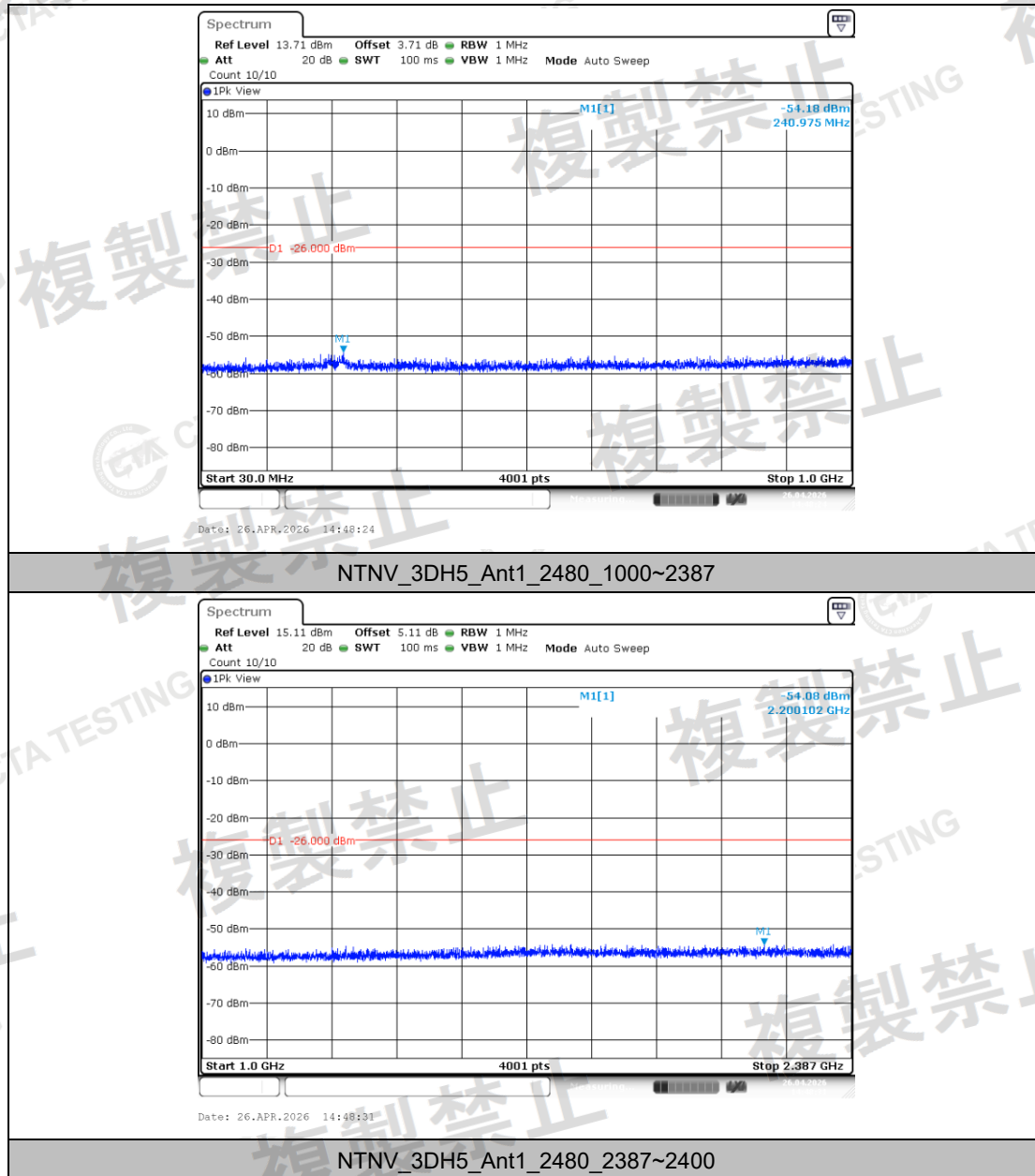
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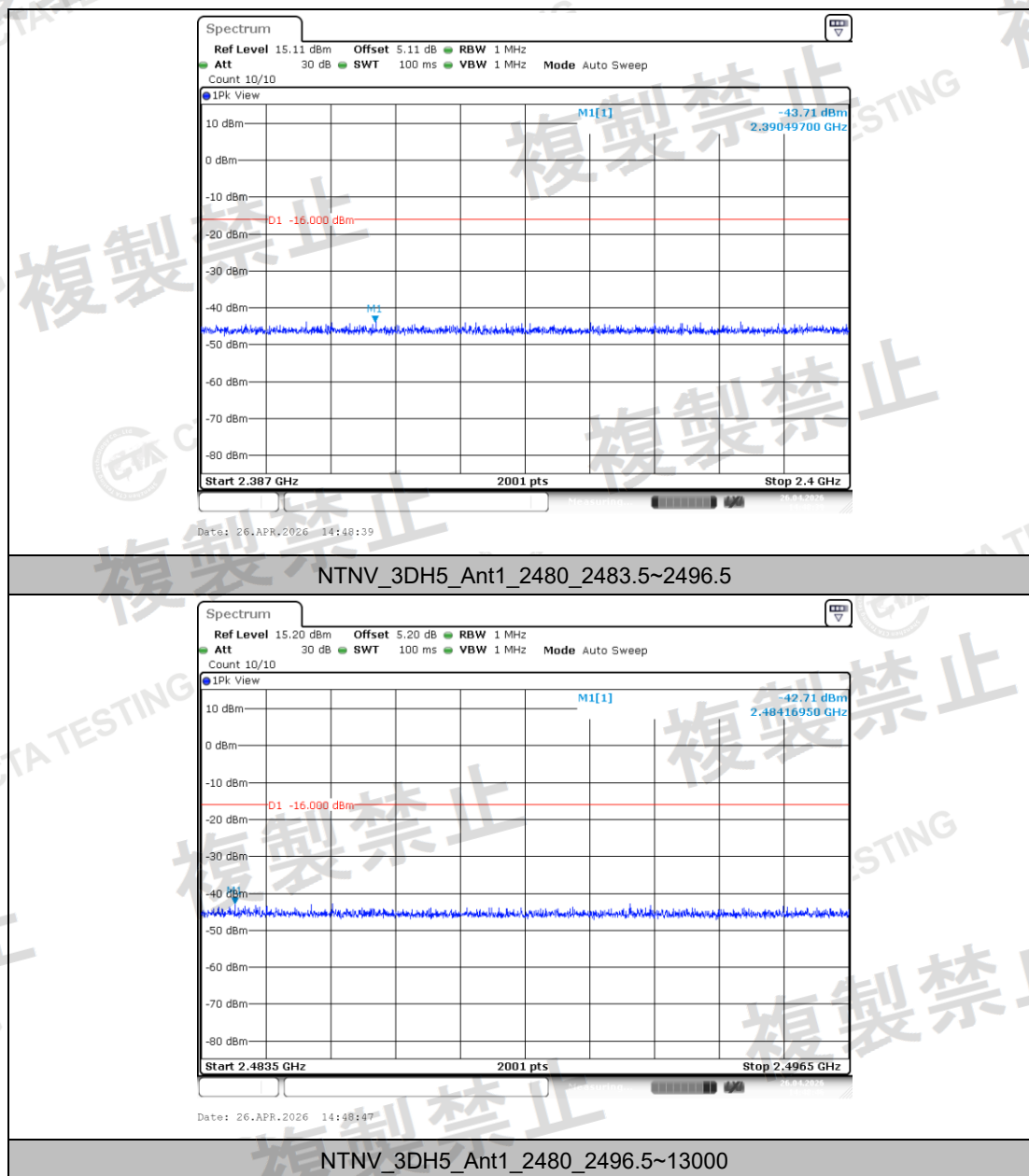
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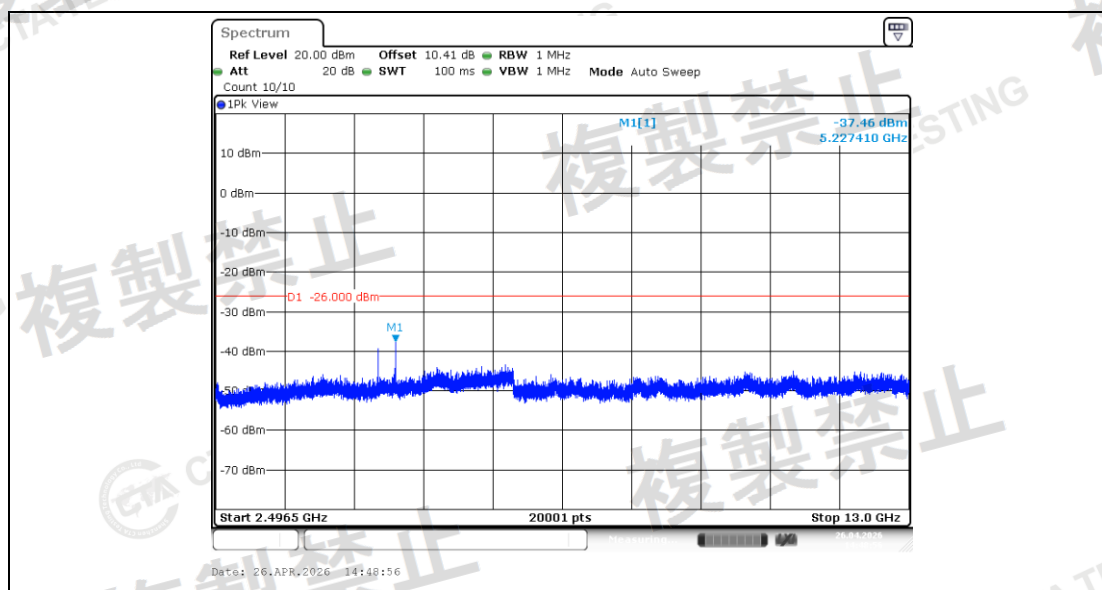
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Appendix E: Spurious Emission of RX

Test Result

Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	974.07	-83.58	≤-54	0.00439	≤4	PASS
				1000~12500	6824.75	-69.18	≤-47	0.12078	≤20	PASS
			2441	30~1000	905.23	-83.72	≤-54	0.00425	≤4	PASS
				1000~12500	6950.66	-69.39	≤-47	0.11508	≤20	PASS
			2480	30~1000	239.66	-83.15	≤-54	0.00484	≤4	PASS
				1000~12500	6509.66	-68.73	≤-47	0.13397	≤20	PASS
	2DH5	Ant1	2402	30~1000	218.81	-84.11	≤-54	0.00388	≤4	PASS
				1000~12500	6931.12	-69.25	≤-47	0.11885	≤20	PASS
			2441	30~1000	241.60	-83.78	≤-54	0.00419	≤4	PASS
				1000~12500	6961.59	-68.58	≤-47	0.13868	≤20	PASS
			2480	30~1000	198.94	-83.53	≤-54	0.00444	≤4	PASS
				1000~12500	6920.19	-69.03	≤-47	0.12503	≤20	PASS
	3DH5	Ant1	2402	30~1000	895.53	-83.29	≤-54	0.00469	≤4	PASS
				1000~12500	5906.52	-69.35	≤-47	0.11614	≤20	PASS
			2441	30~1000	238.69	-83.59	≤-54	0.00438	≤4	PASS
				1000~12500	5214.25	-69.15	≤-47	0.12162	≤20	PASS
			2480	30~1000	703.57	-84.06	≤-54	0.00393	≤4	PASS
				1000~12500	6400.9	-69.06	≤-47	0.1241	≤20	PASS



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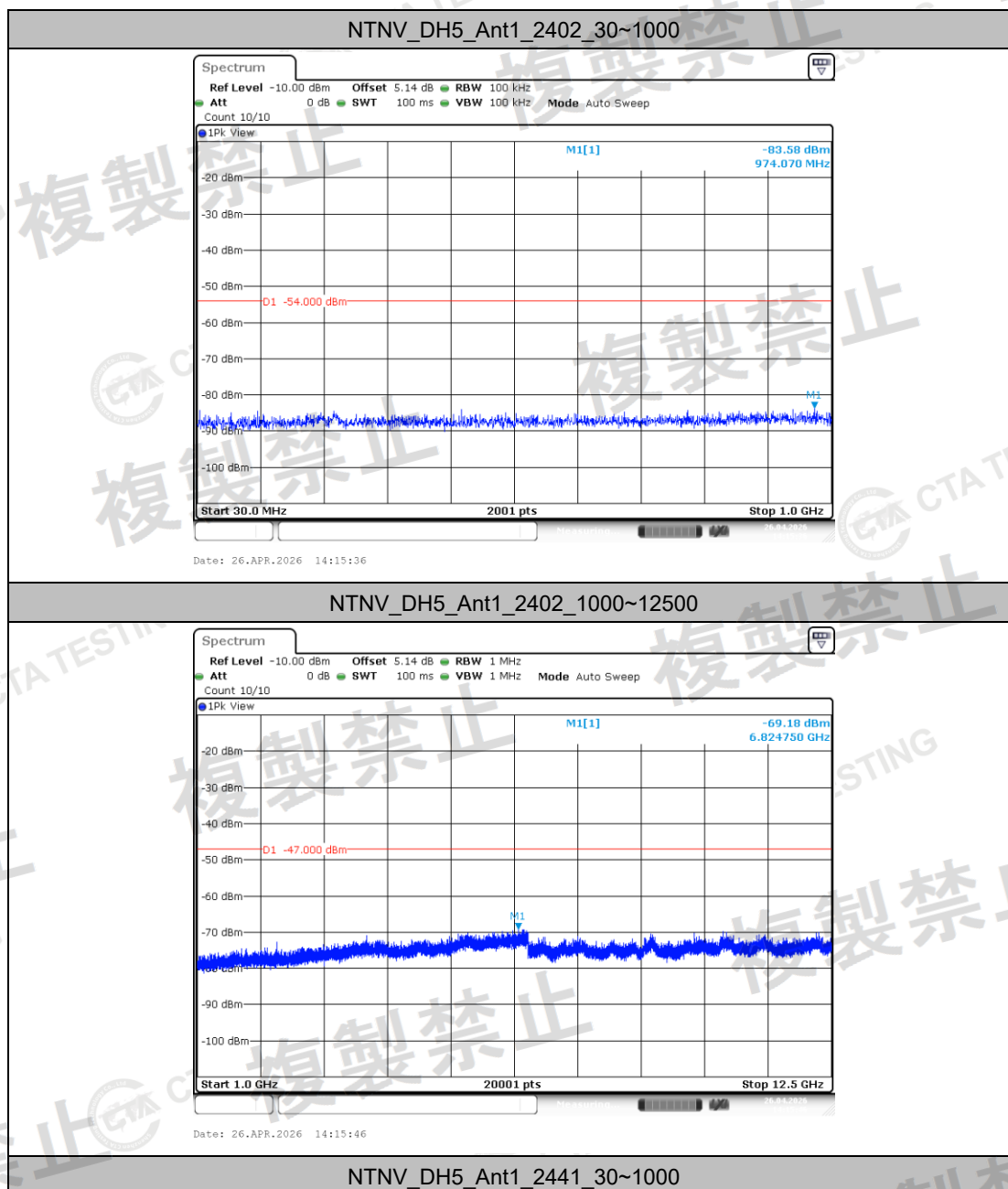
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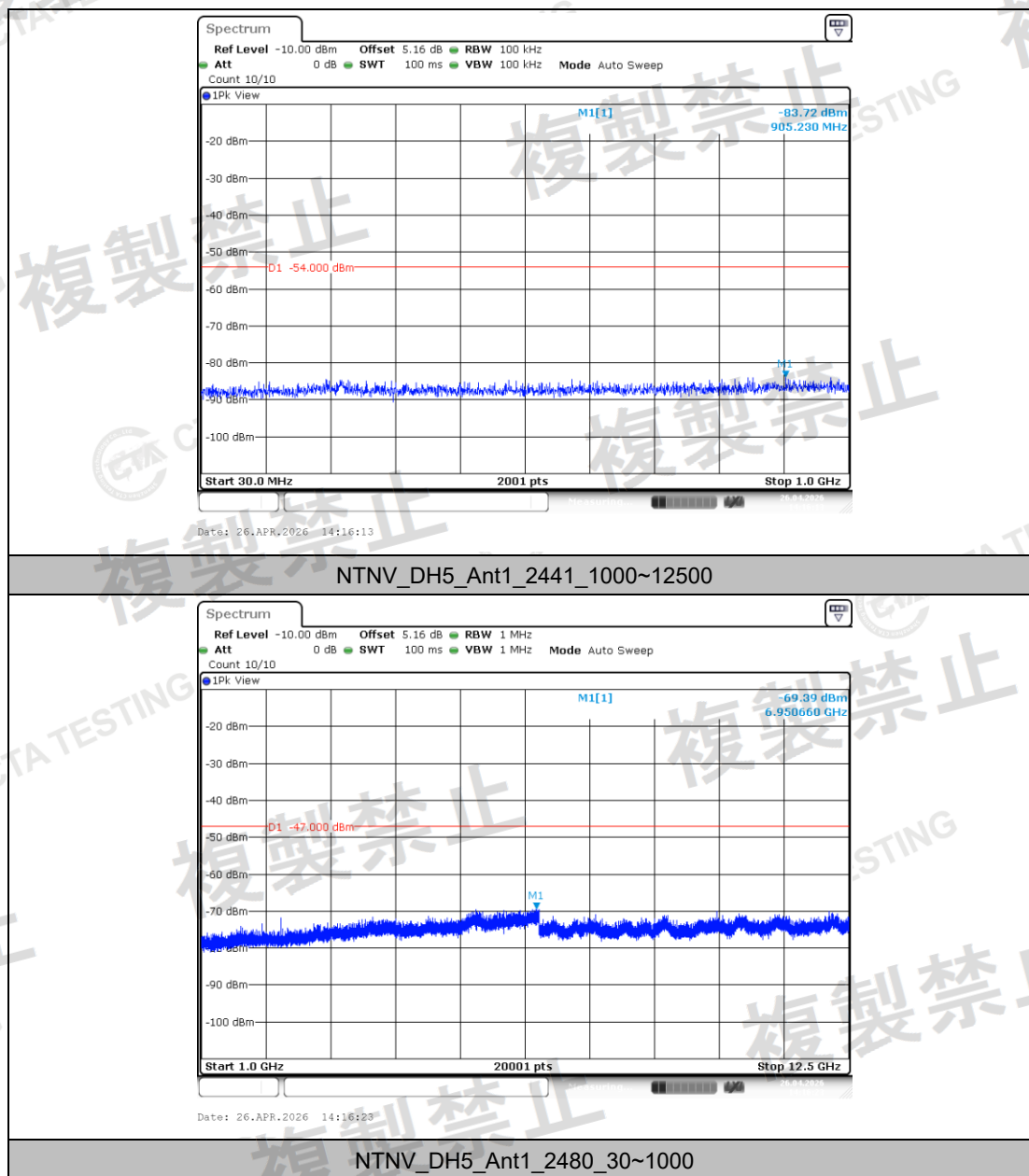
Test Graphs





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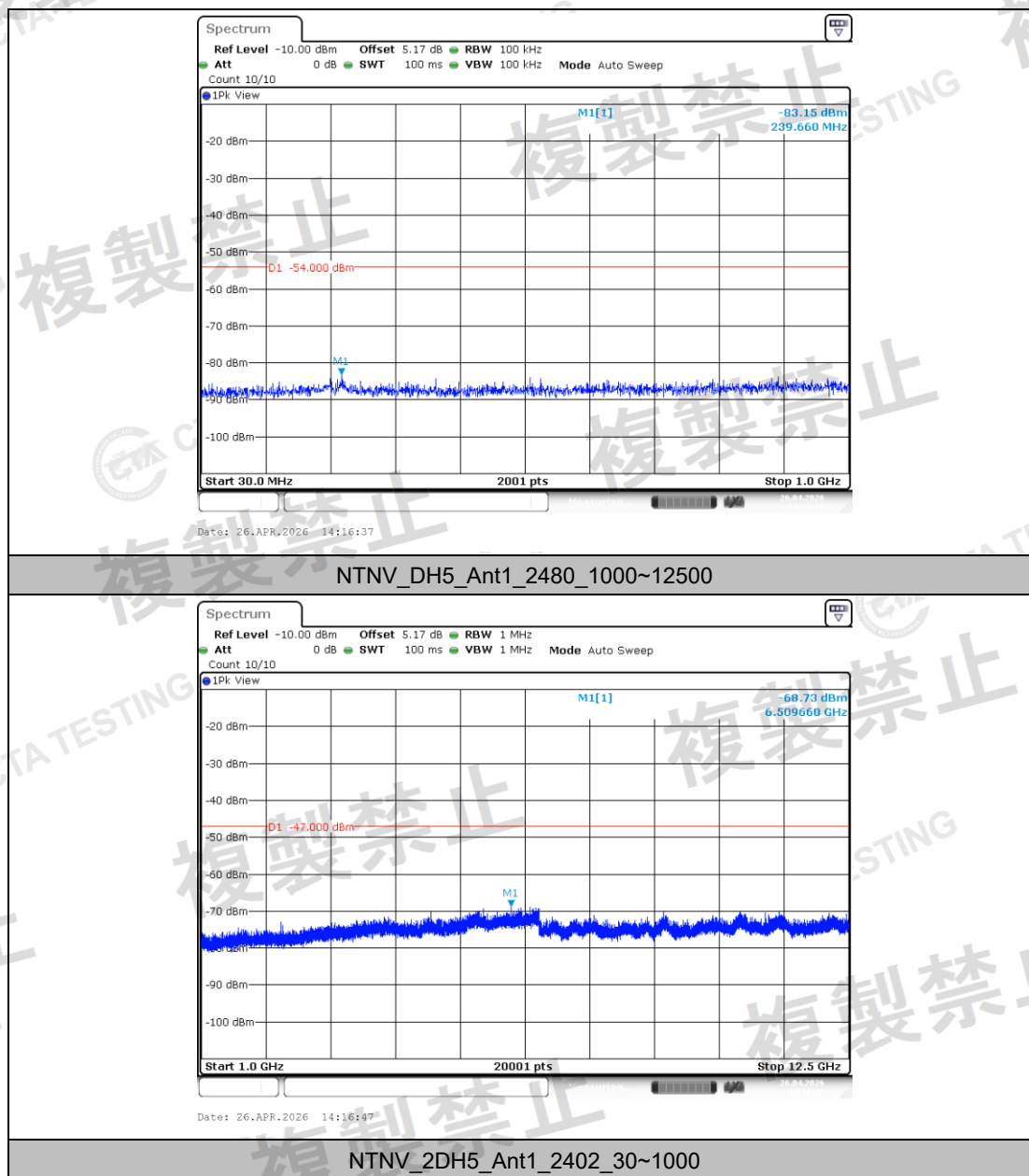
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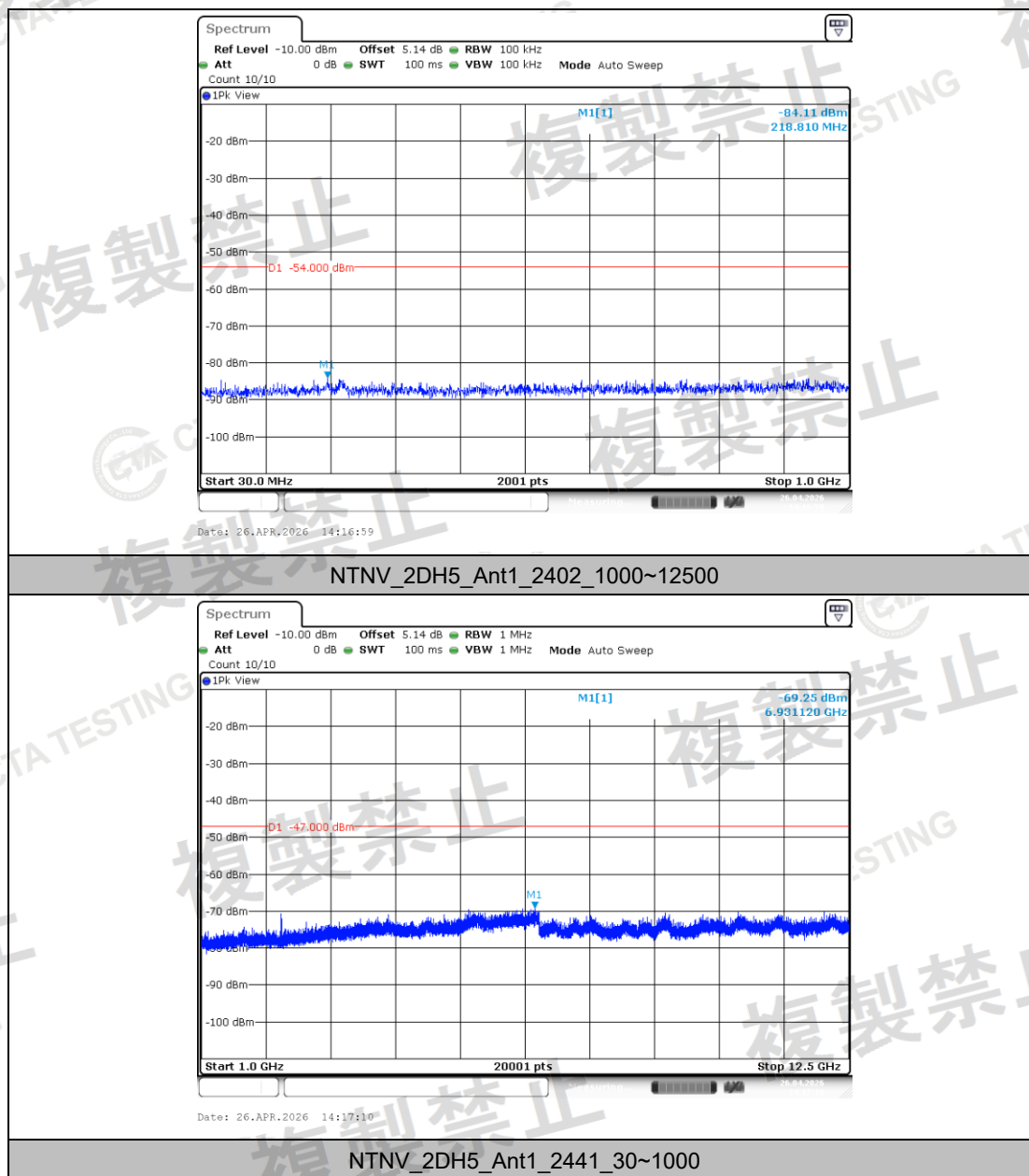
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,
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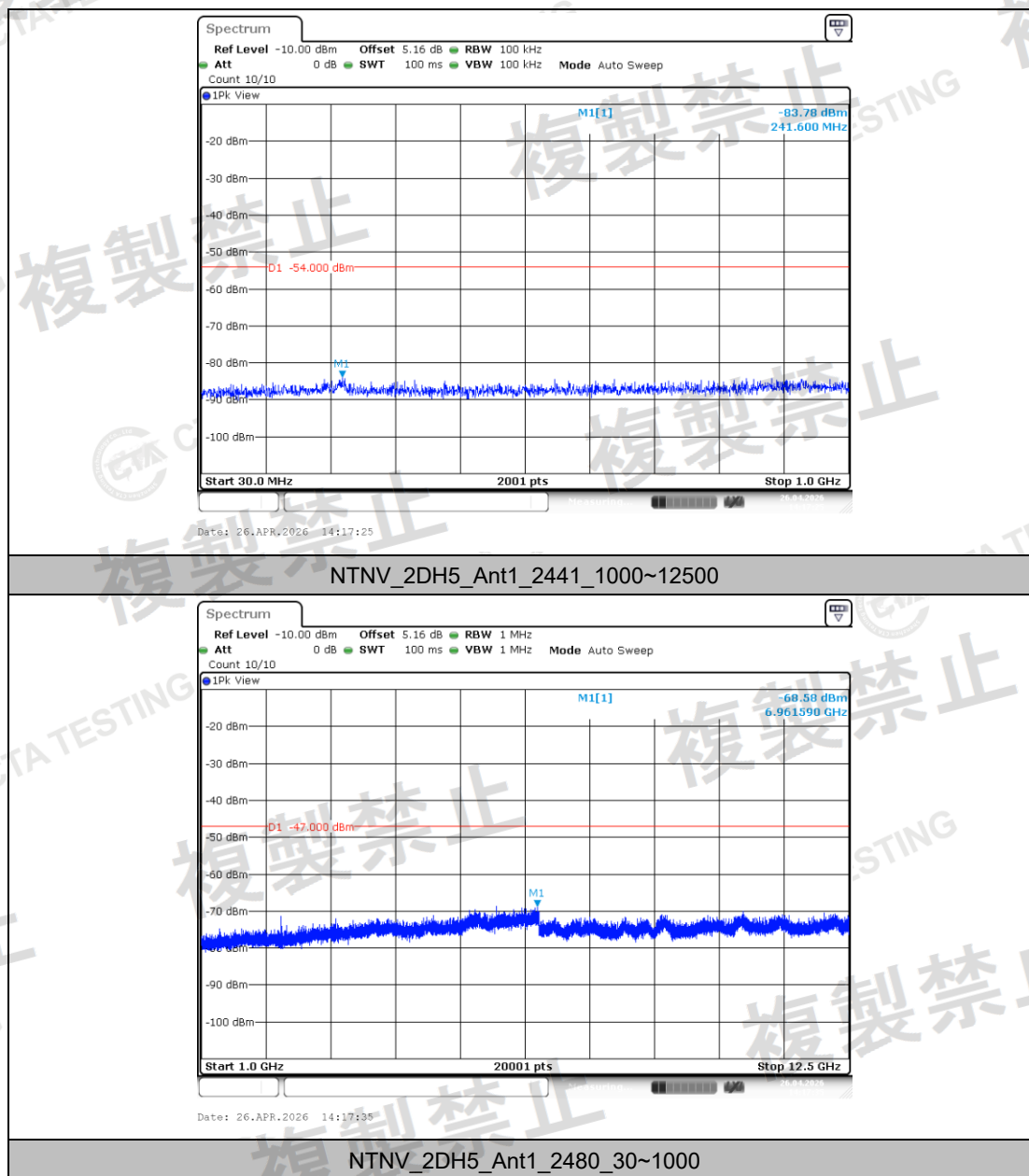
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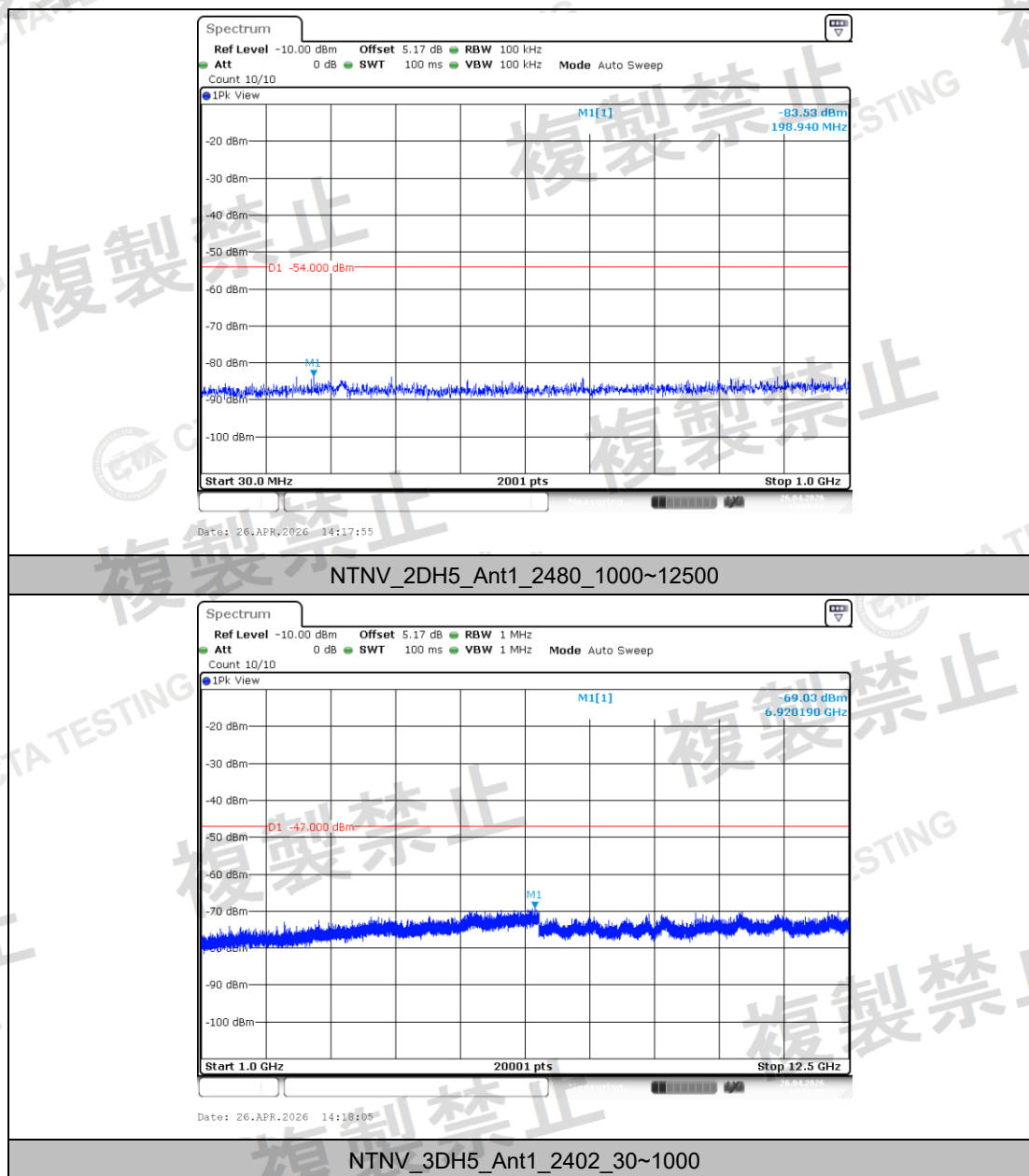
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,
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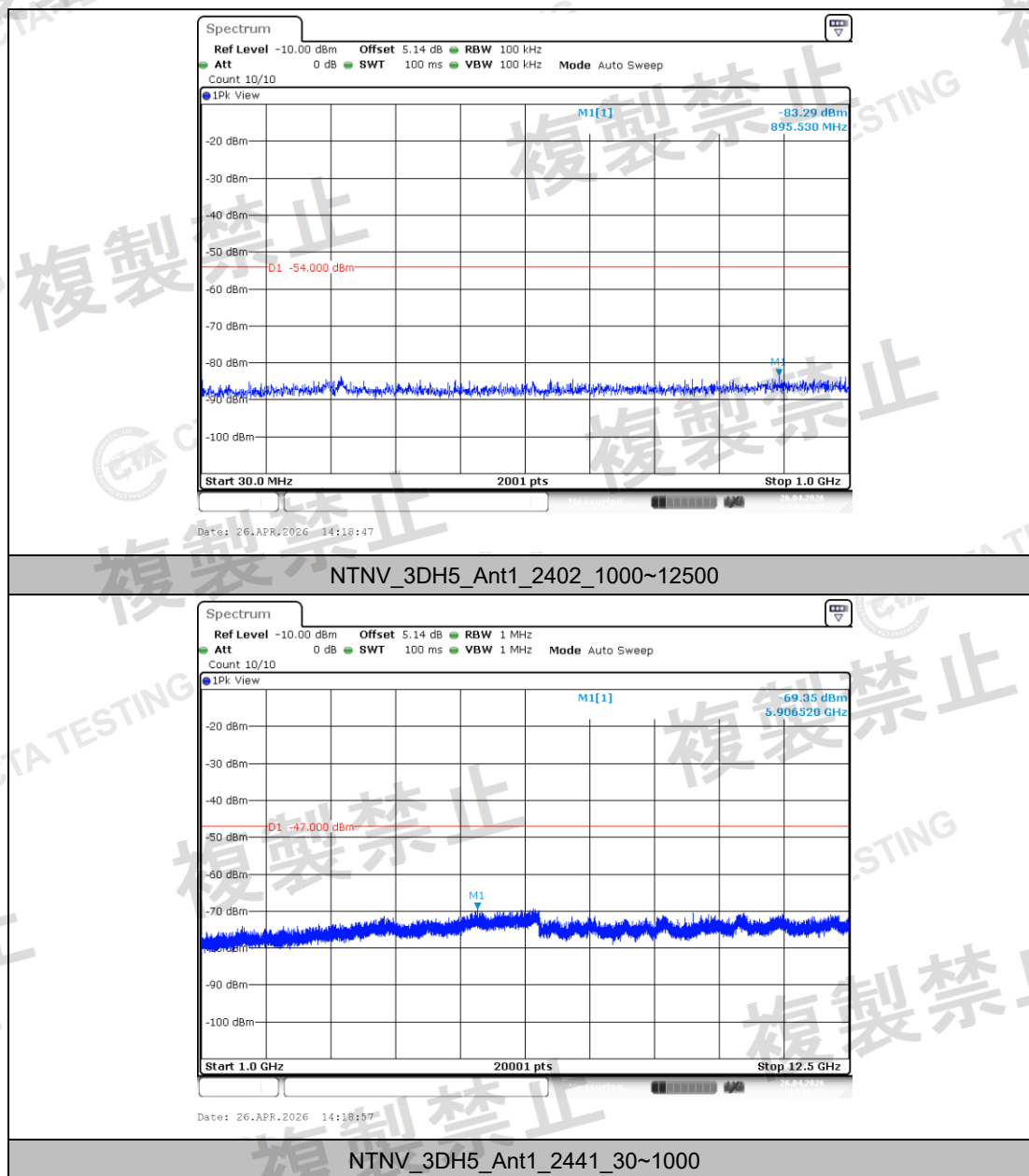
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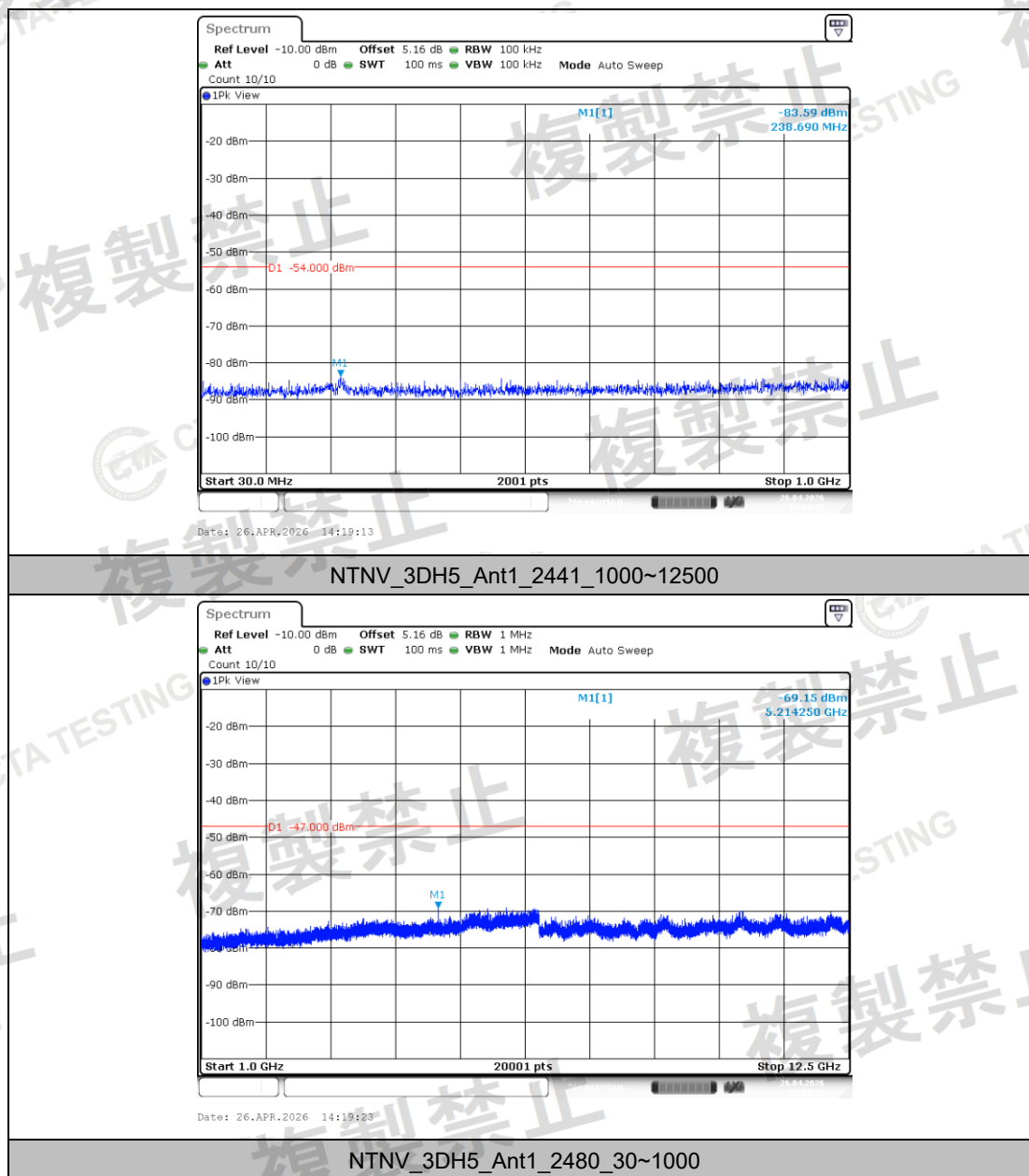
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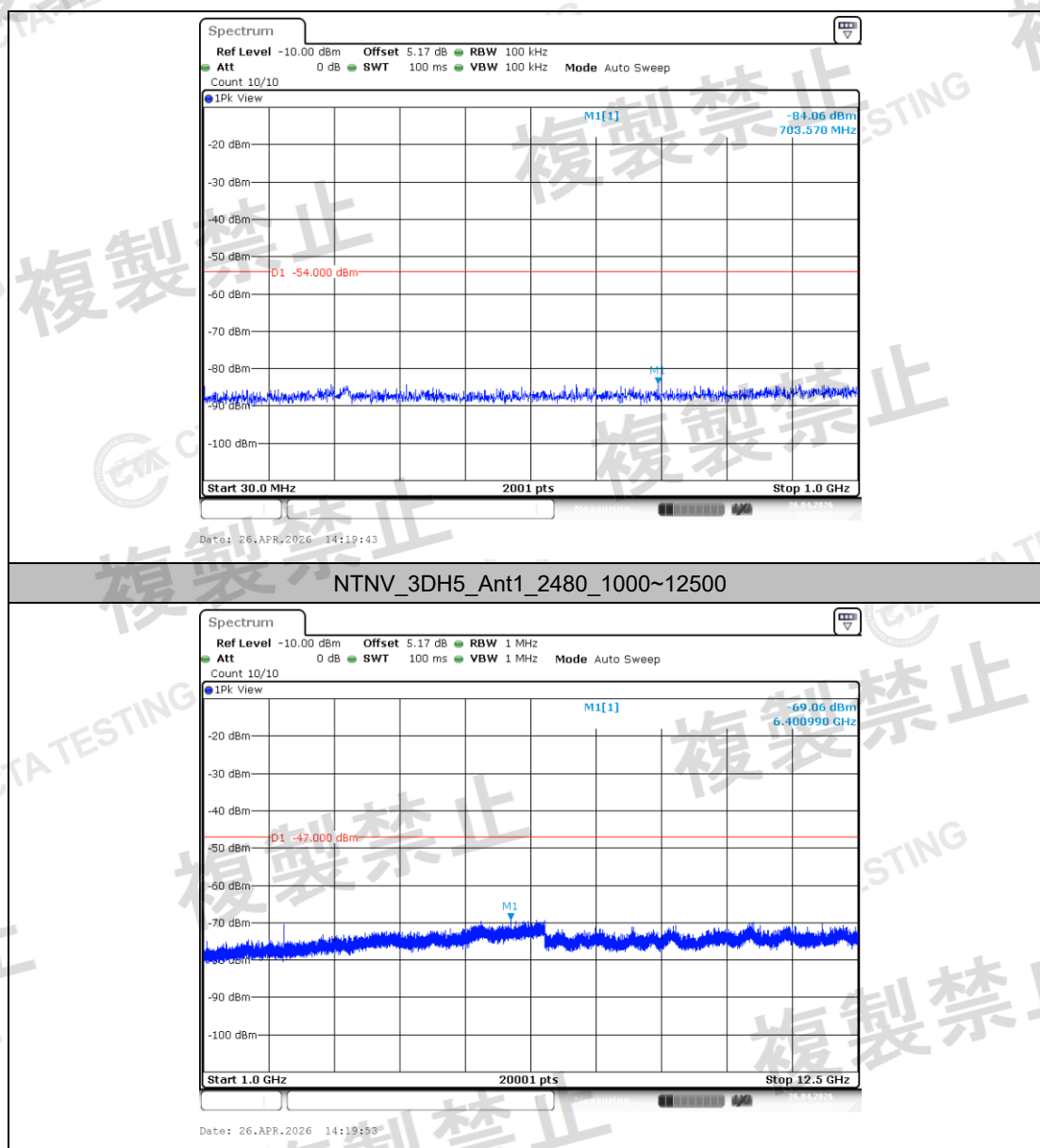
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Appendix F: Dwell Time

Test Result

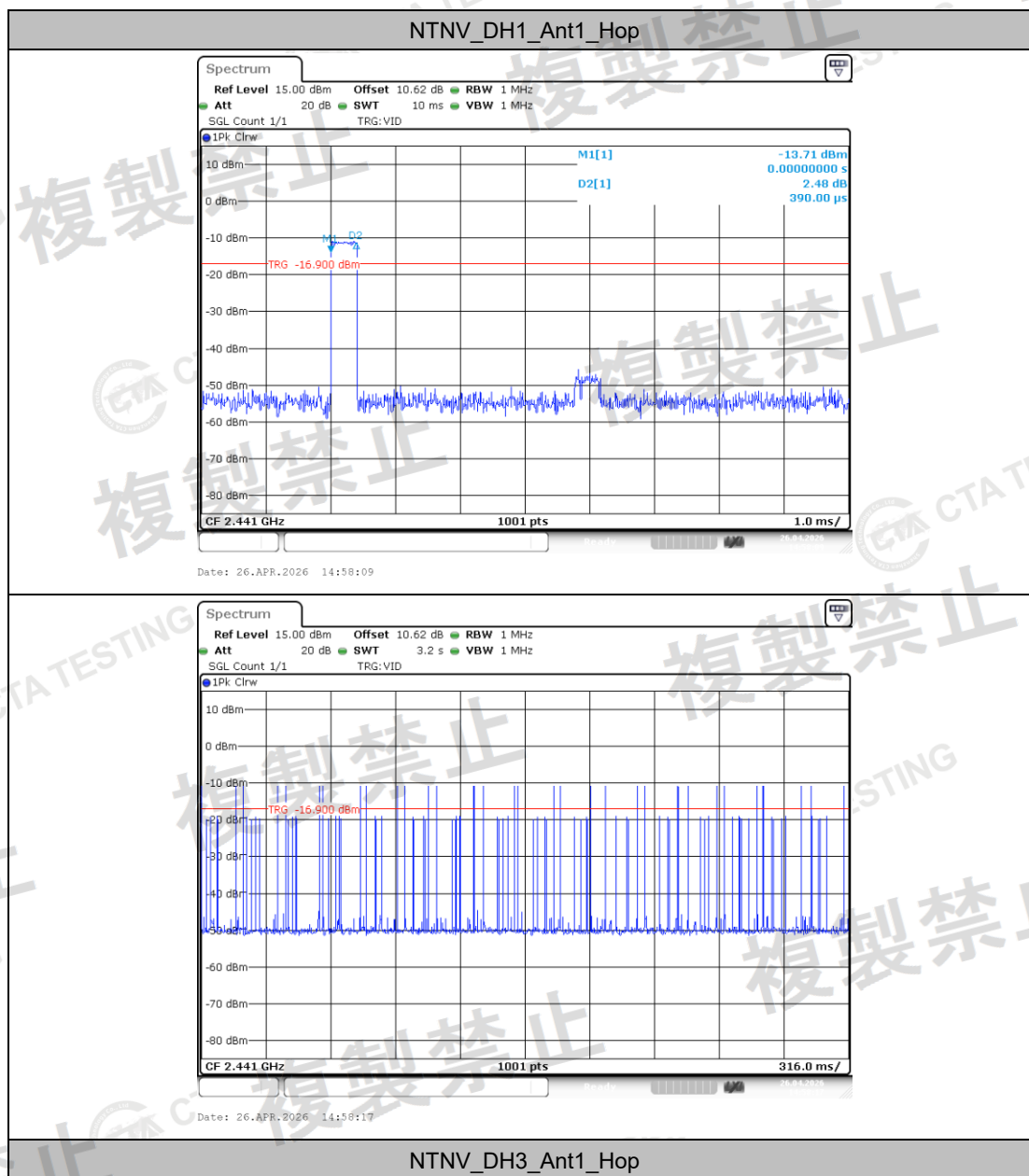
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.39	300	0.117	≤0.4	PASS
	DH3	Ant1	Hop	1.65	140	0.231	≤0.4	PASS
	DH5	Ant1	Hop	2.90	110	0.319	≤0.4	PASS
	2DH1	Ant1	Hop	0.40	320	0.128	≤0.4	PASS
	2DH3	Ant1	Hop	1.65	150	0.248	≤0.4	PASS
	2DH5	Ant1	Hop	2.90	90	0.261	≤0.4	PASS
	3DH1	Ant1	Hop	0.40	320	0.128	≤0.4	PASS
	3DH3	Ant1	Hop	1.65	200	0.33	≤0.4	PASS
	3DH5	Ant1	Hop	2.90	90	0.261	≤0.4	PASS



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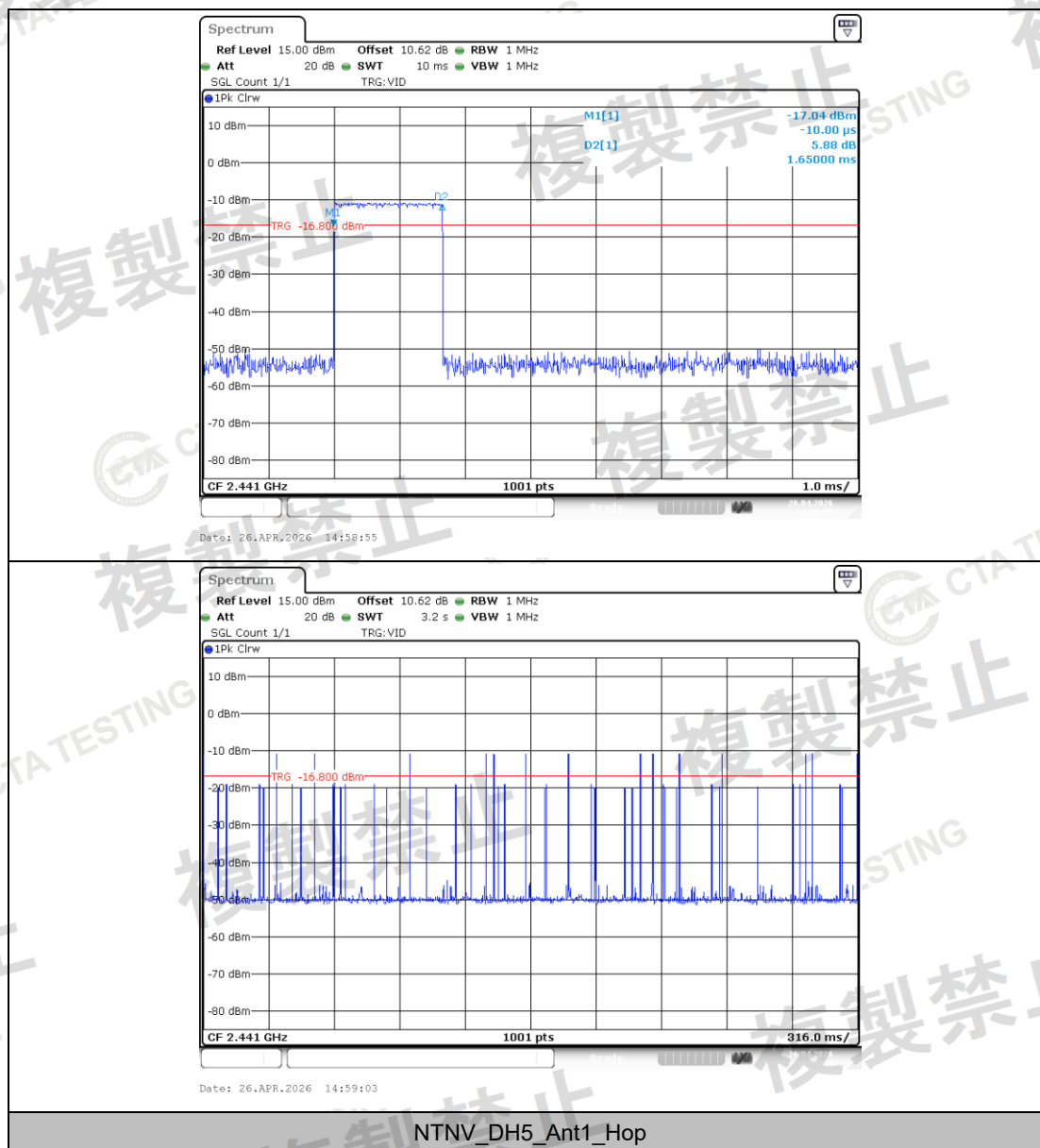
Test Graphs





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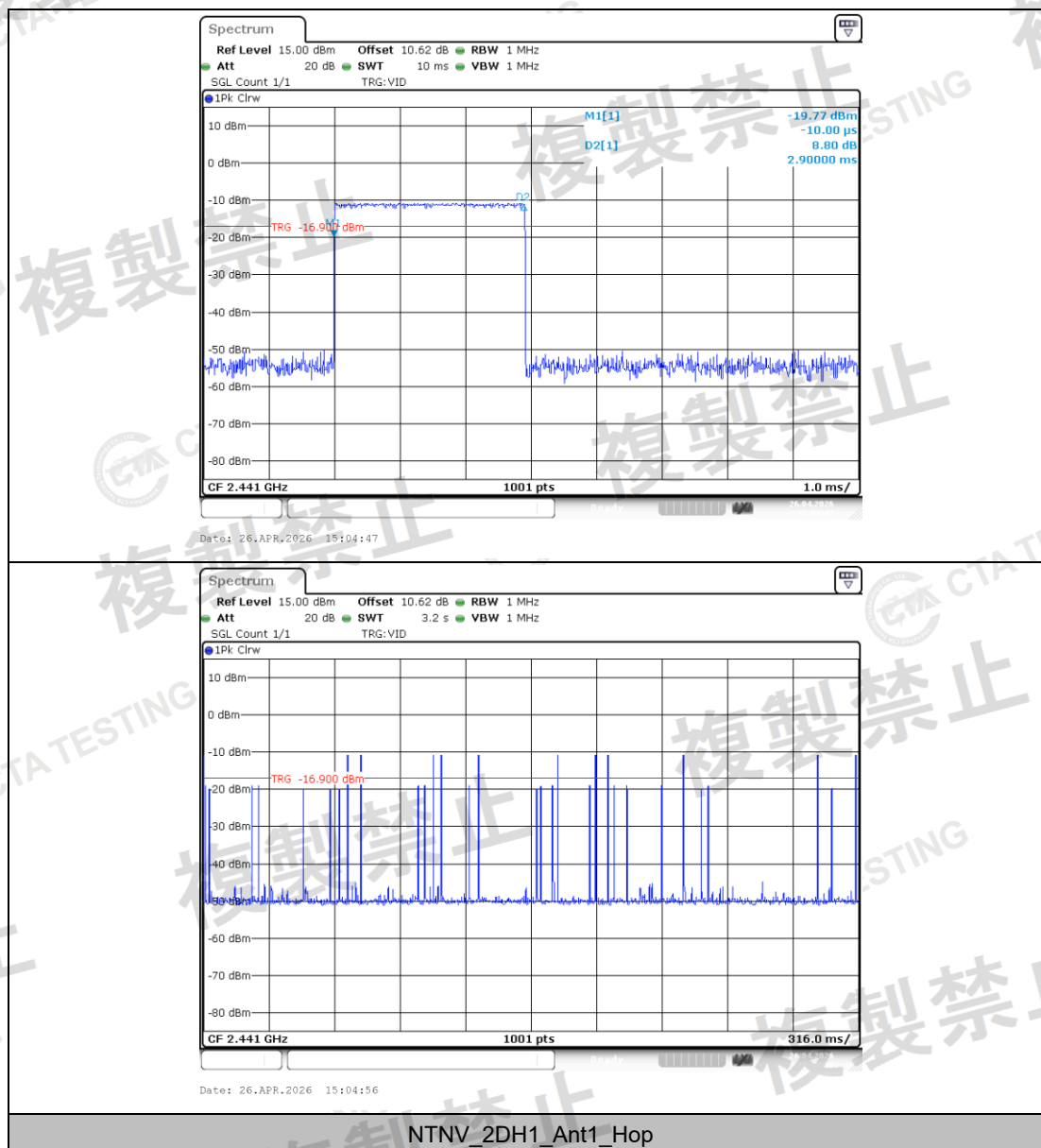
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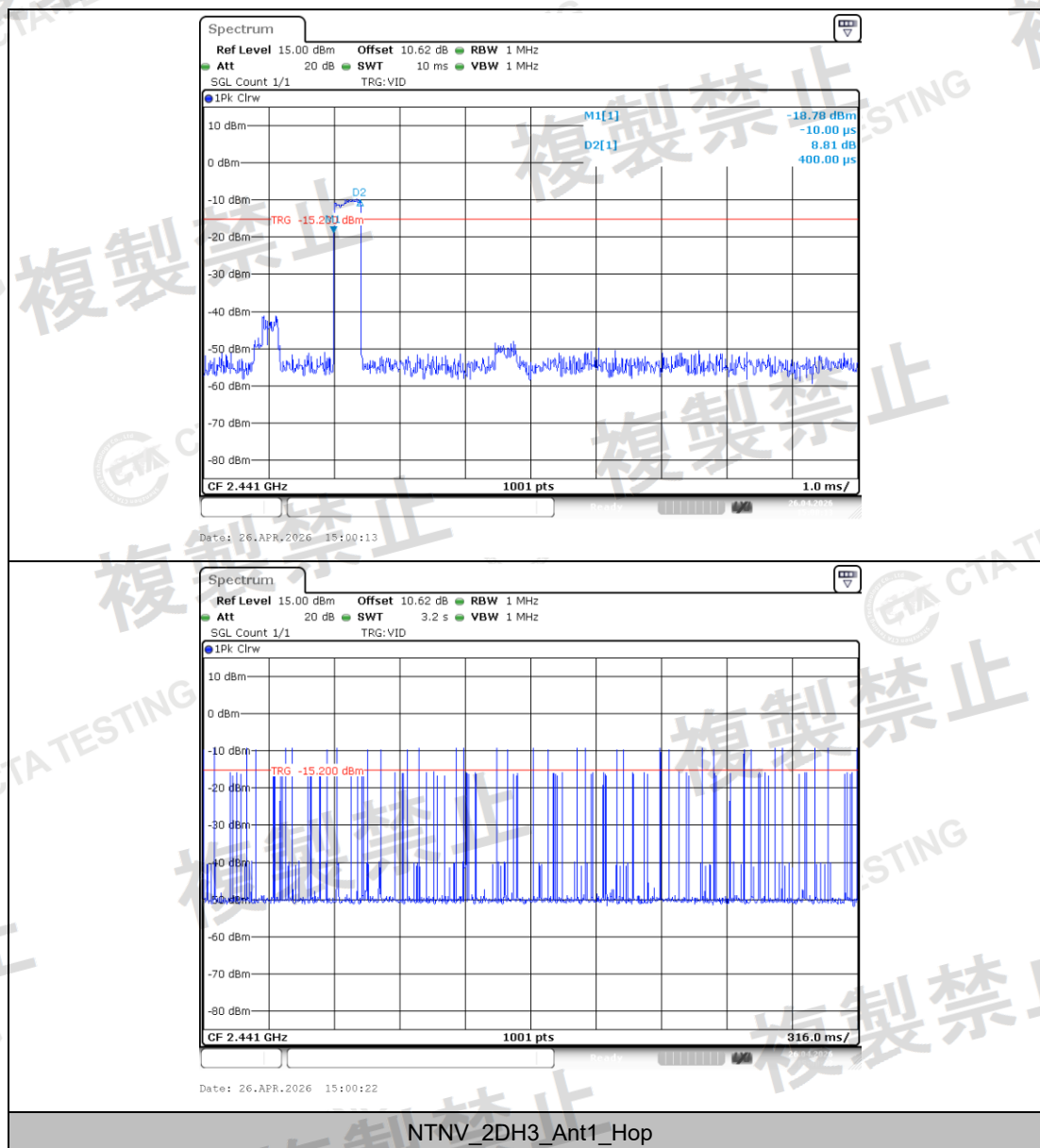
Room 106, Building 1, Yibaolai Industrial Park, Qiaotou Community,
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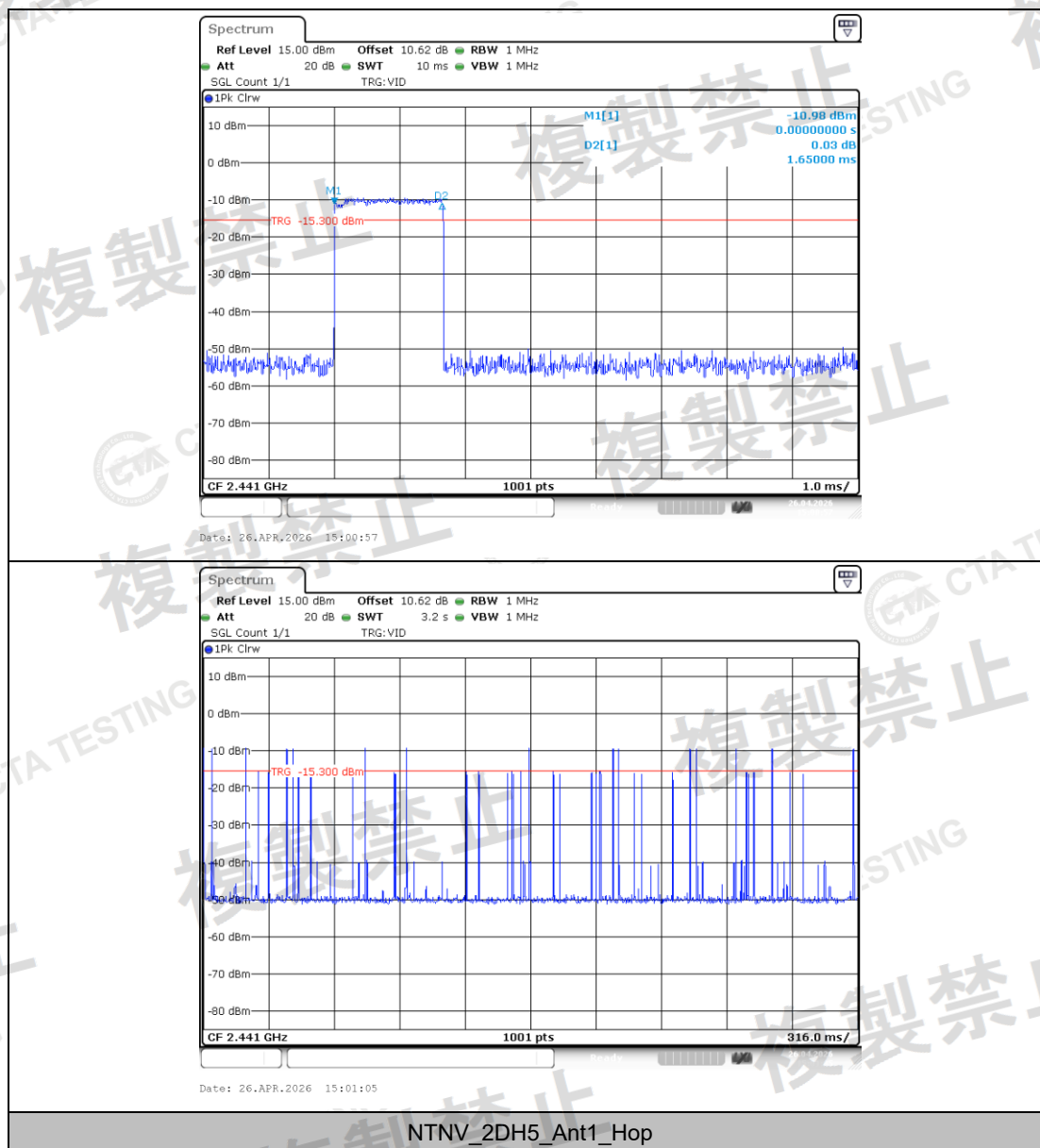
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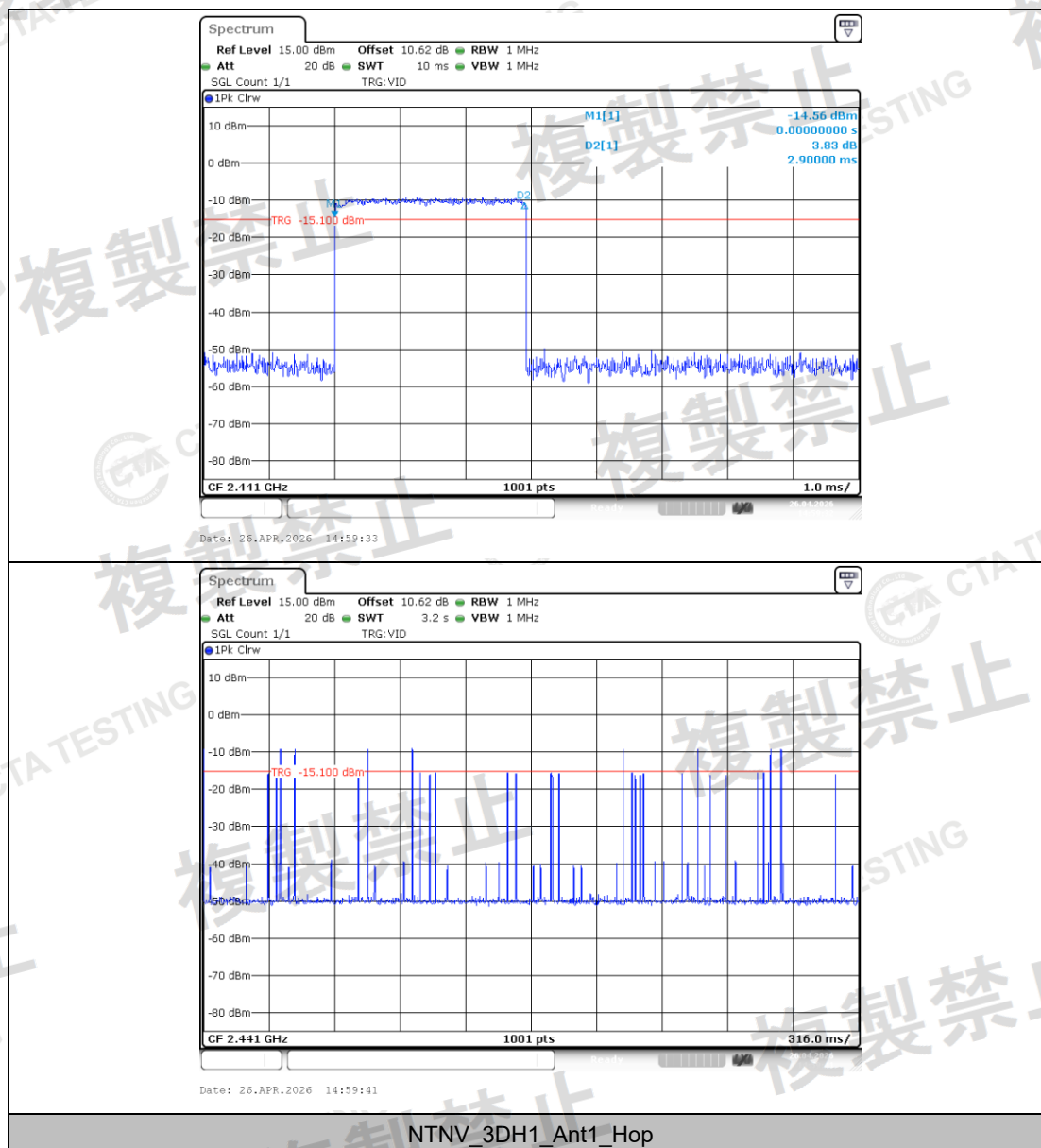
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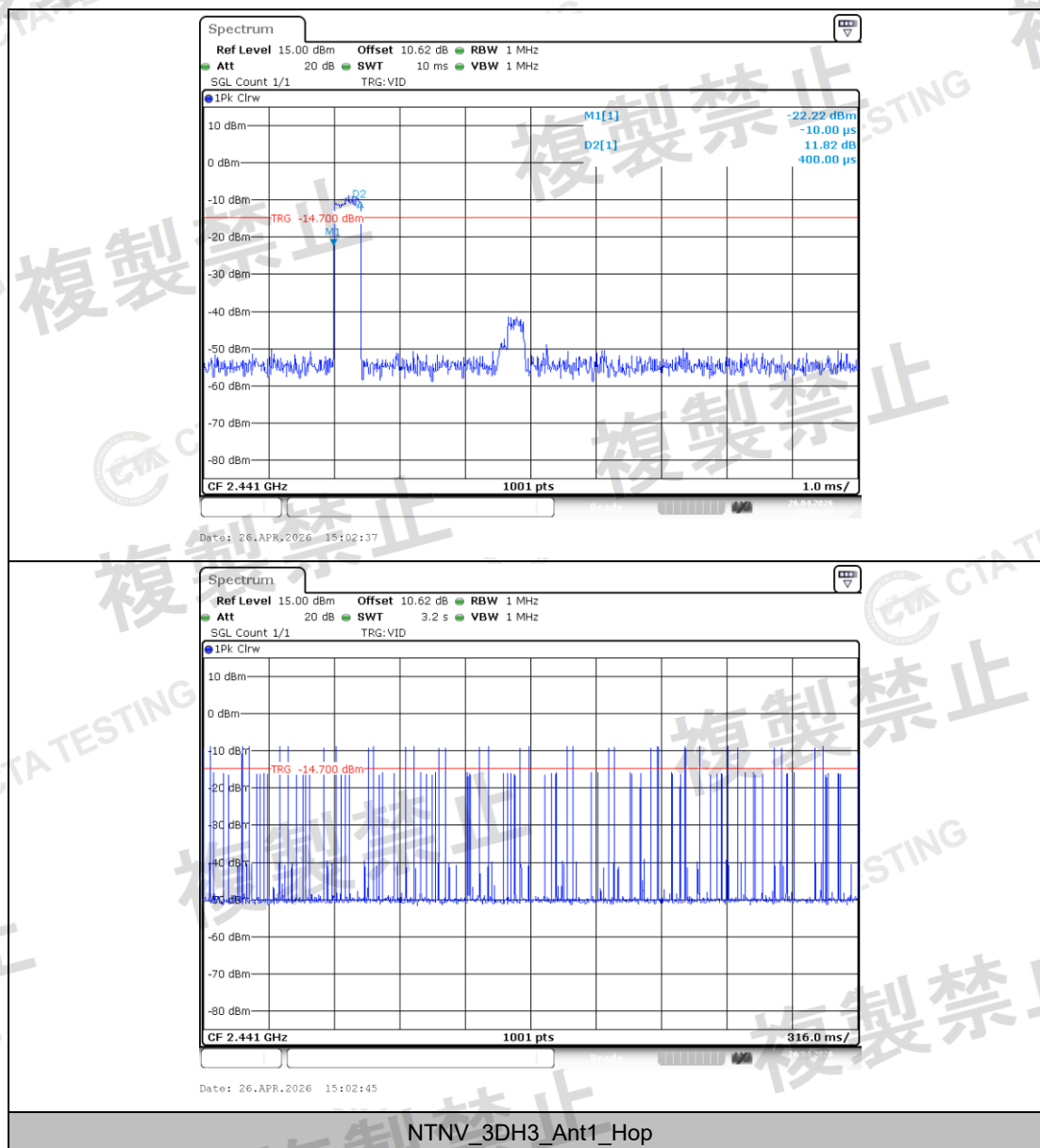
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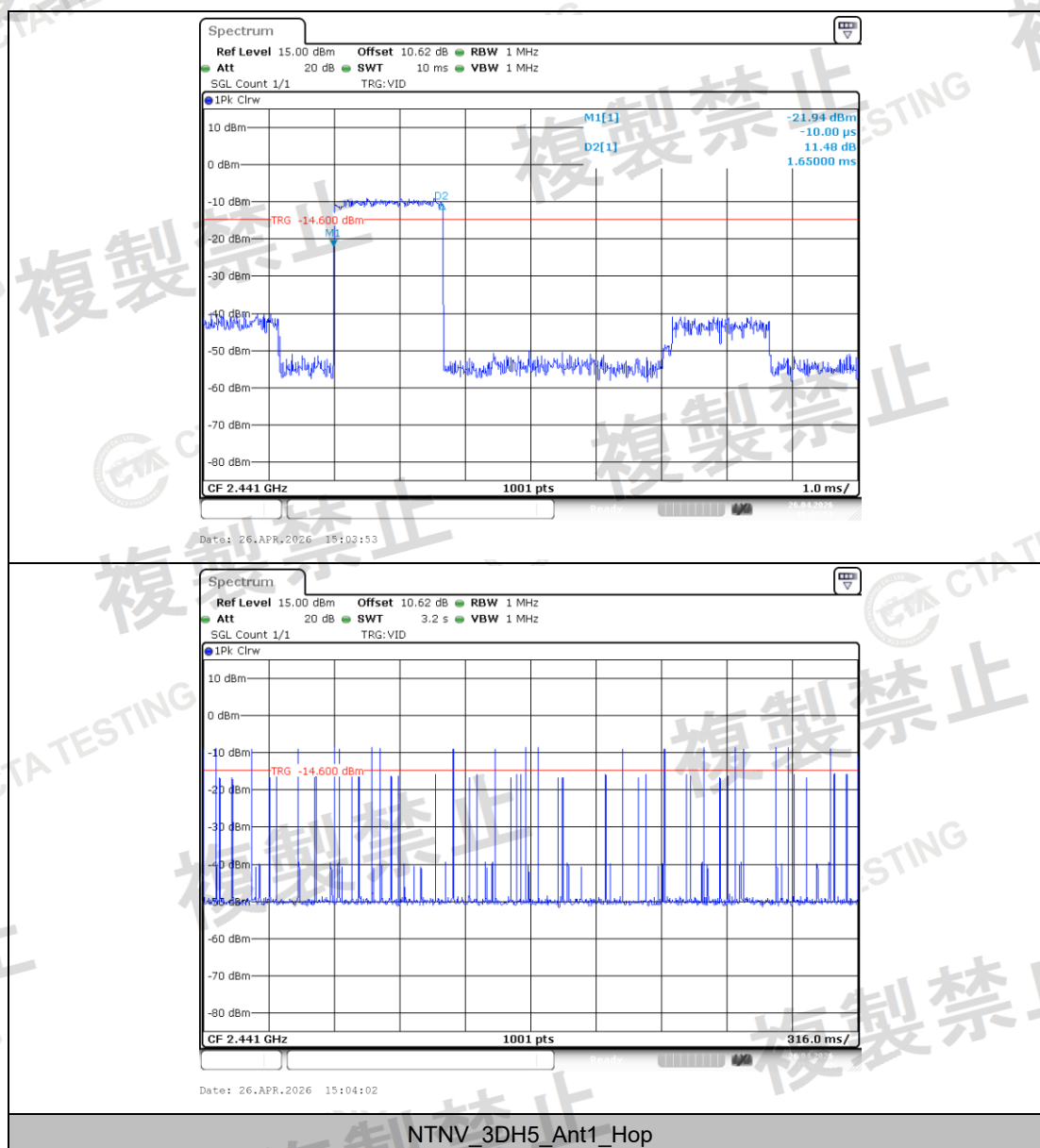
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