



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 : Advanced Healthcare Solution (Suzhou)
Technology Co., Ltd
EUT : Emo-Comfort Pillow
Model Number : AHE01-C
Report No. : CTA26061701102
Reviewed By : Eric Wang



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Appendix A: Frequency_Error

Test Result

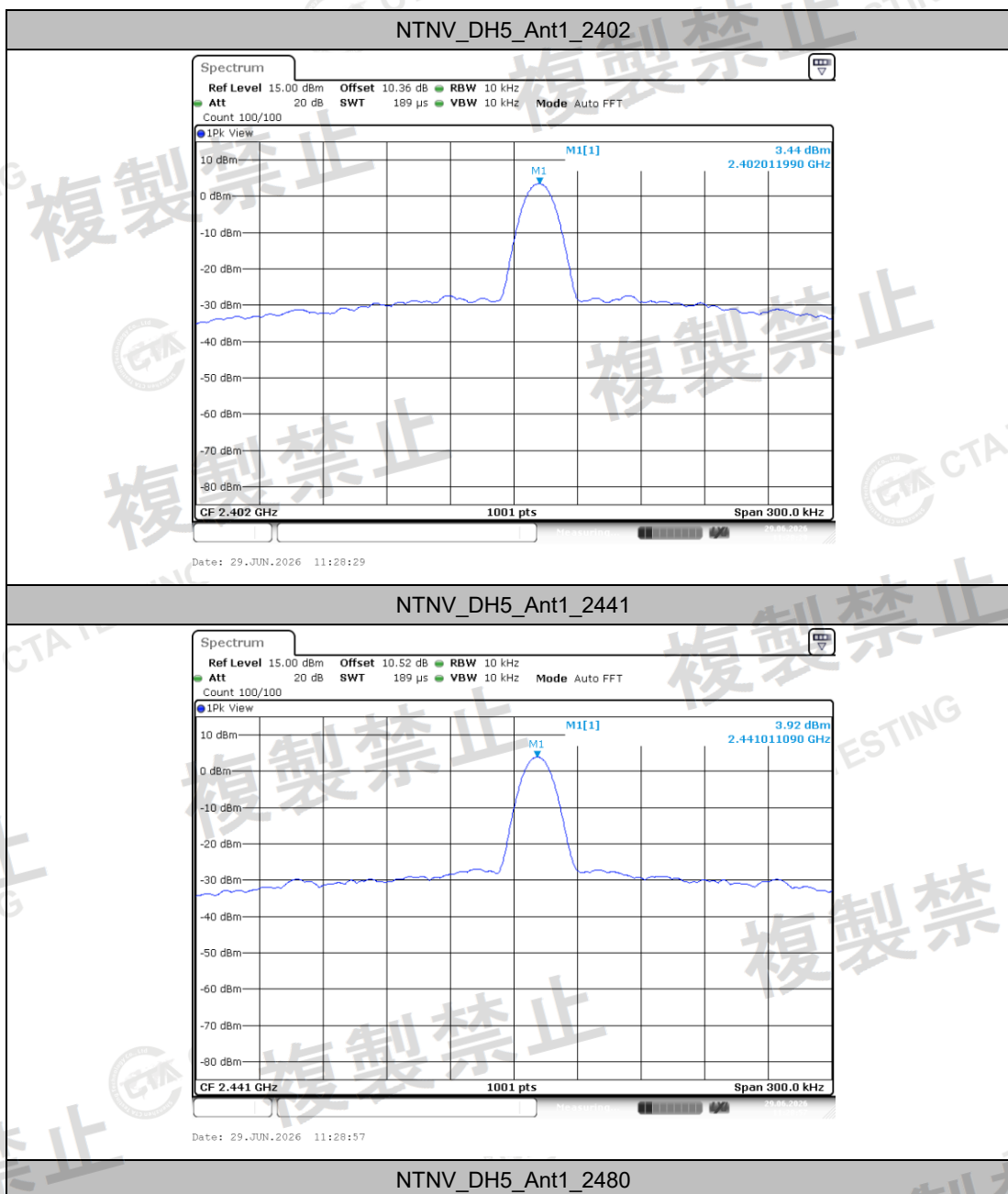
Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	DH5	Ant1	2402	4.99167	±50	PASS
			2441	4.54322	±50	PASS
			2480	4.35081	±50	PASS
	2DH5	Ant1	2402	4.11740	±50	PASS
			2441	3.92872	±50	PASS
			2480	3.86694	±50	PASS



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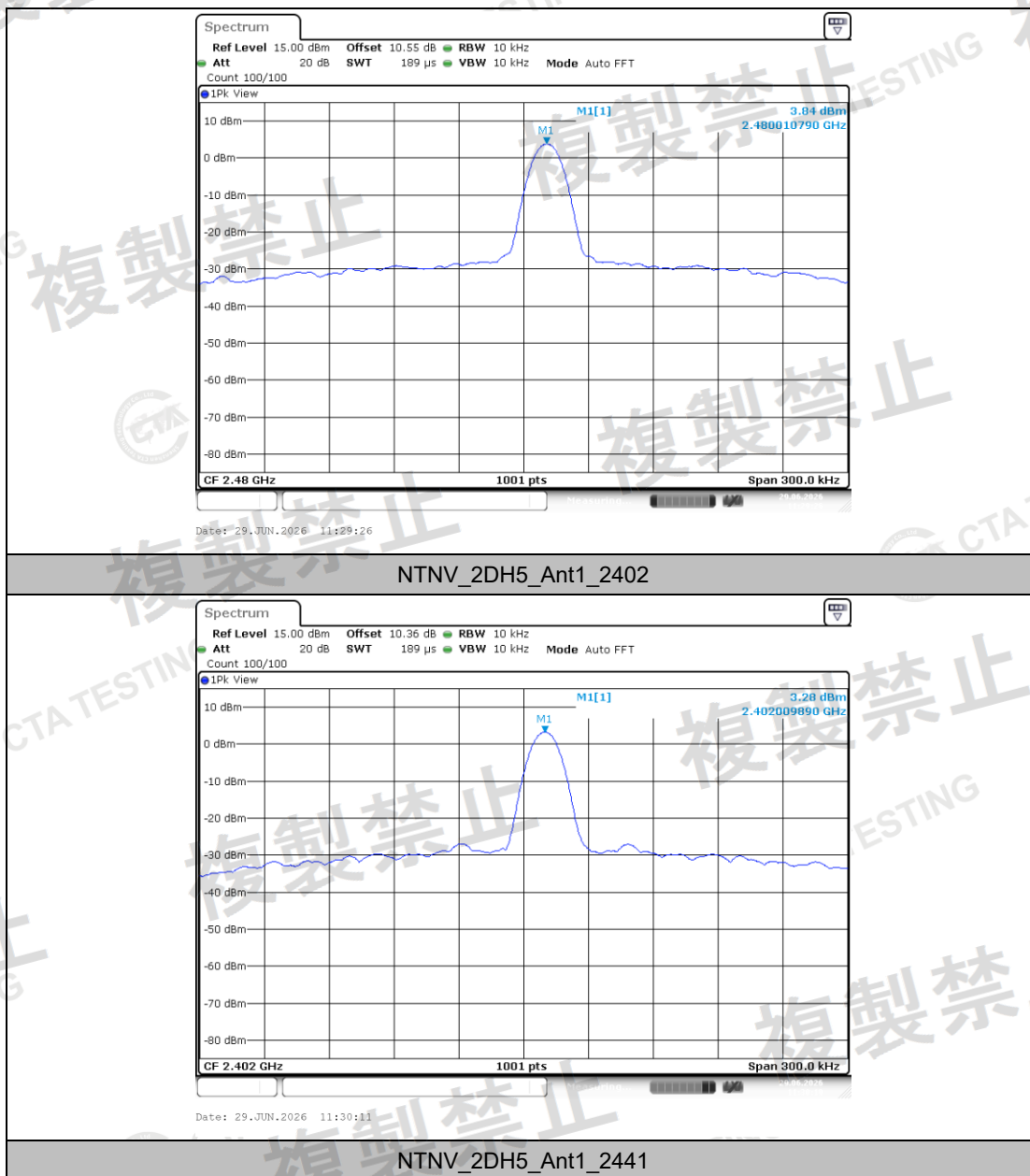
Test Graphs





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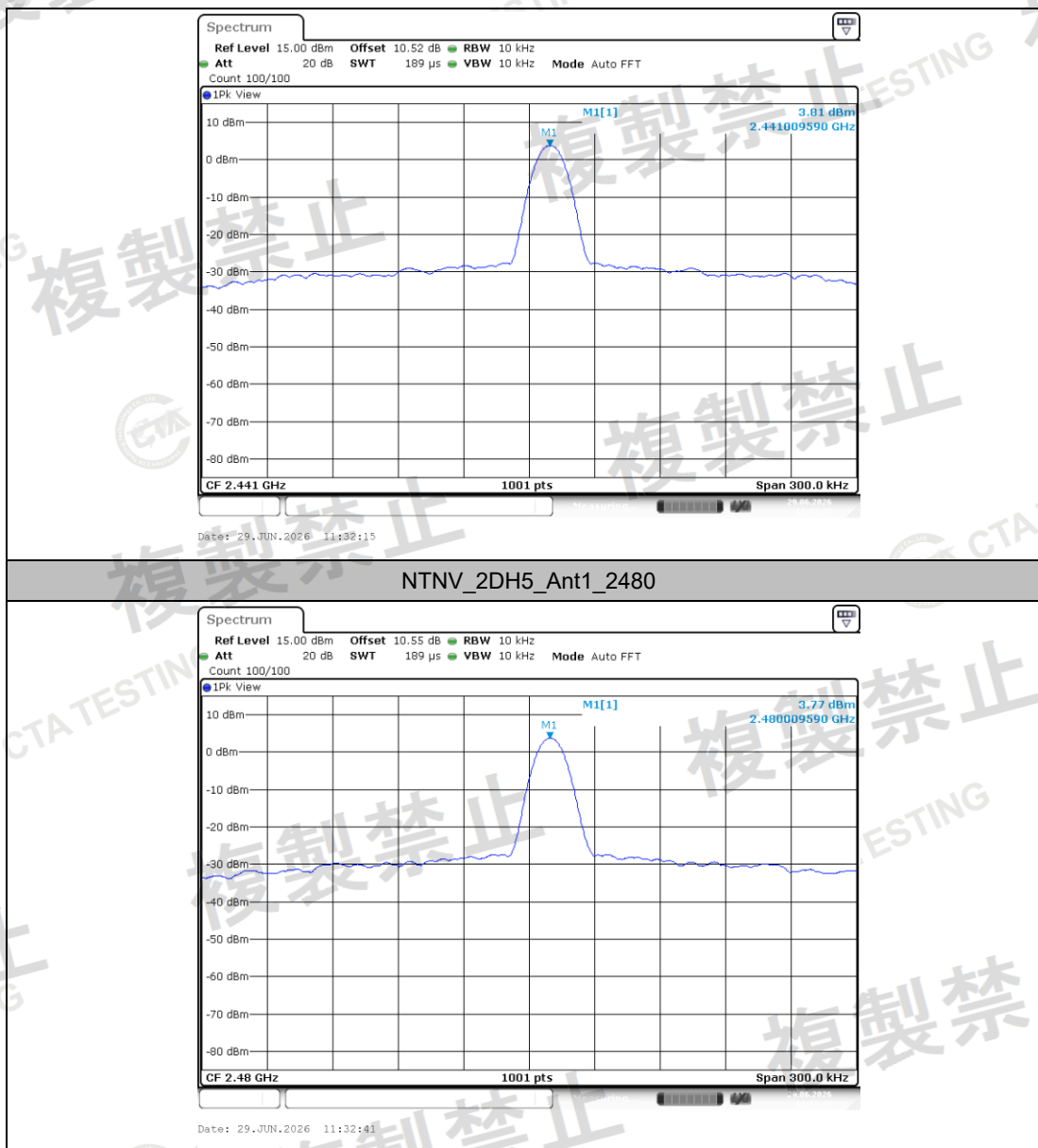
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Appendix B: Occupied Bandwidth

Test Result

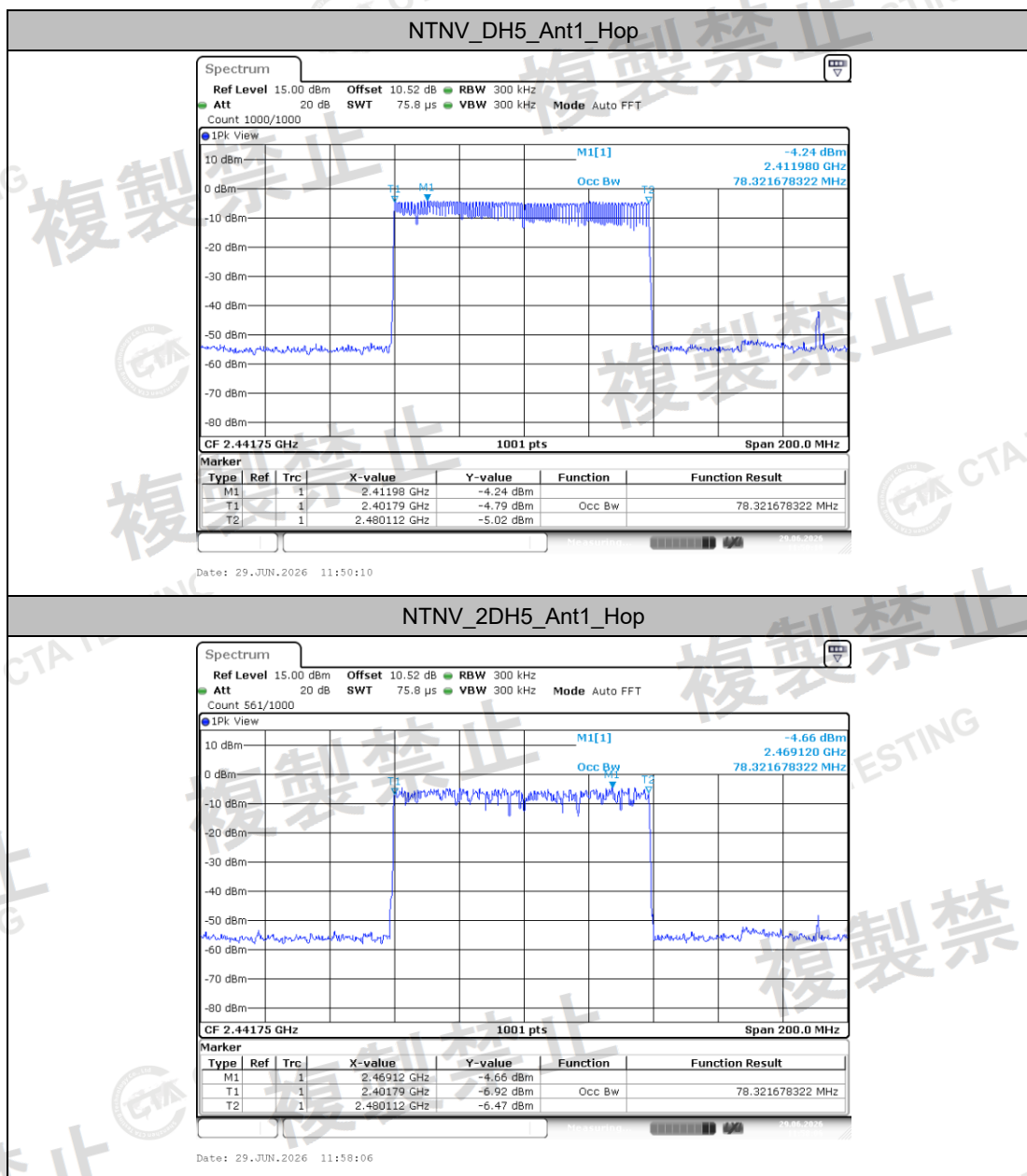
Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.322	≤83.5	PASS
	2DH5	Ant1	Hop	78.322	≤83.5	PASS



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Test Graphs





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Appendix C: Spread Bandwidth

Test Result

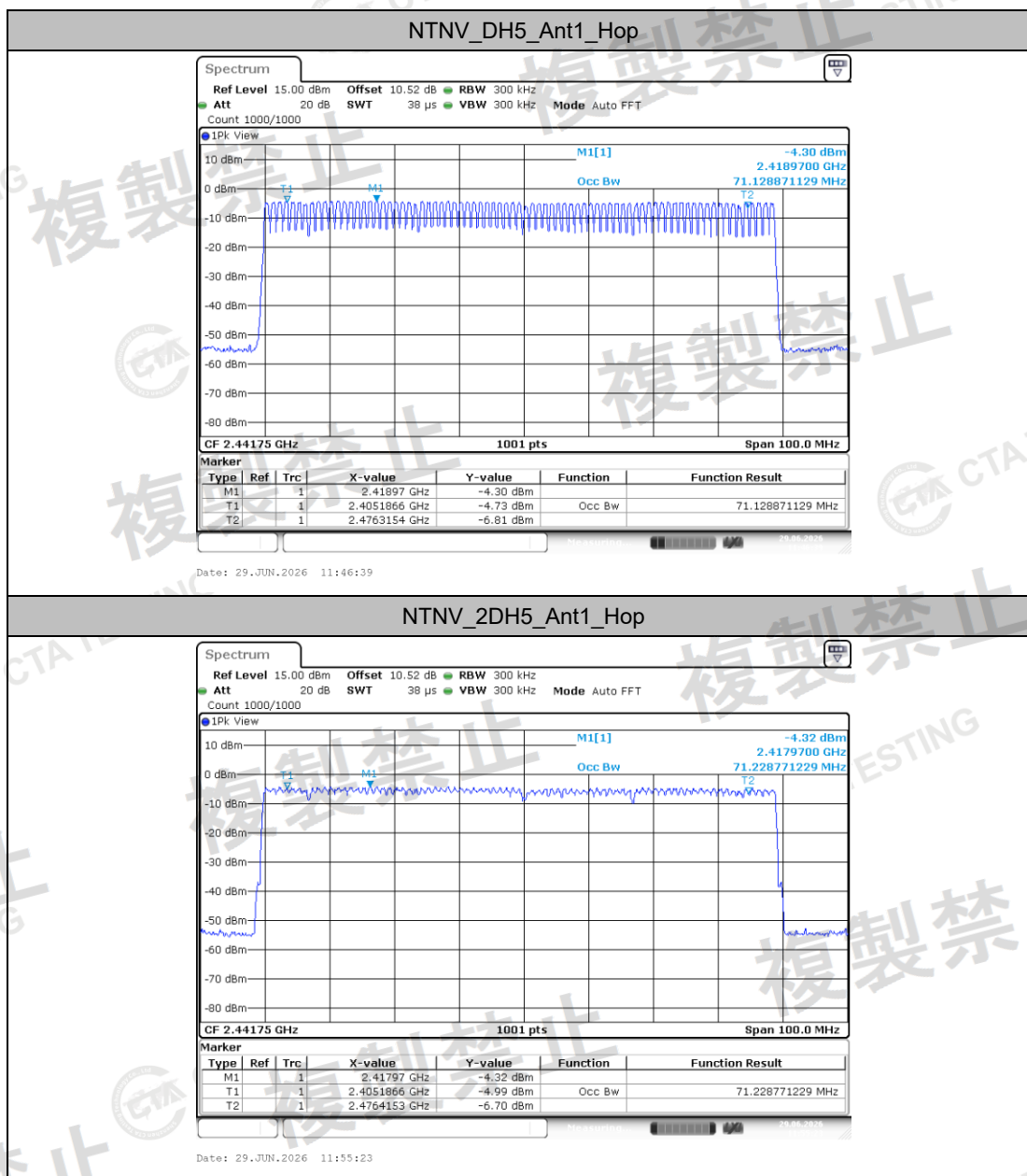
Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.129	≥ 0.5	71.129	>5	PASS
	2DH5	Ant1	Hop	71.229	≥ 0.5	71.229	>5	PASS



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Appendix D: Spurious Emission of TX

Test Result

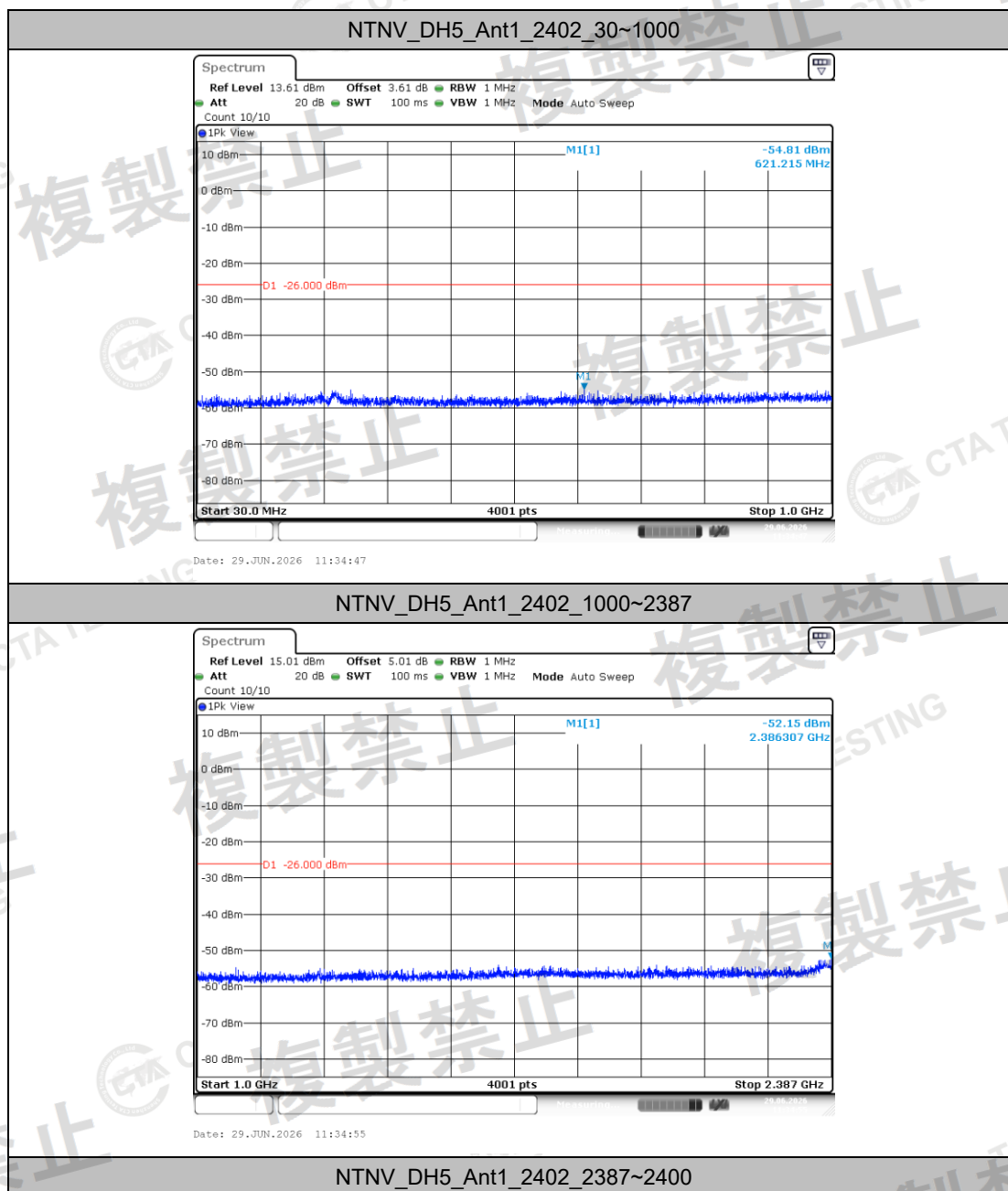
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	621.22	-54.81	≤-26	0.00330	≤2.5	PASS
				1000~2387	2386.31	-52.15	≤-26	0.00610	≤2.5	PASS
				2387~2400	2399.99	-33.38	≤-16	0.45920	≤25	PASS
				2483.5~2496.5	2486.79	-42.72	≤-16	0.05346	≤25	PASS
				2496.5~13000	4804.12	-35.37	≤-26	0.29040	≤2.5	PASS
			2441	30~1000	828.07	-54.53	≤-26	0.00352	≤2.5	PASS
				1000~2387	2269.45	-53.16	≤-26	0.00483	≤2.5	PASS
				2387~2400	2392.77	-43.43	≤-16	0.04539	≤25	PASS
				2483.5~2496.5	2483.79	-42.58	≤-16	0.05521	≤25	PASS
				2496.5~13000	4882.37	-34.52	≤-26	0.35318	≤2.5	PASS
		2480		30~1000	236.61	-54.43	≤-26	0.00361	≤2.5	PASS
				1000~2387	2335.33	-53.70	≤-26	0.00427	≤2.5	PASS
				2387~2400	2397.30	-43.54	≤-16	0.04426	≤25	PASS
				2483.5~2496.5	2484.45	-40.72	≤-16	0.08472	≤25	PASS
				2496.5~13000	4959.57	-34.77	≤-26	0.33343	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	997.58	-55.07	≤-26	0.00311	≤2.5	PASS
				1000~2387	2368.62	-53.09	≤-26	0.00491	≤2.5	PASS
				2387~2400	2400.00	-30.45	≤-16	0.90157	≤25	PASS
				2483.5~2496.5	2493.45	-43.74	≤-16	0.04227	≤25	PASS
				2496.5~13000	4803.59	-36.93	≤-26	0.20277	≤2.5	PASS
			2441	30~1000	956.84	-54.58	≤-26	0.00348	≤2.5	PASS
				1000~2387	2184.50	-53.56	≤-26	0.00441	≤2.5	PASS
				2387~2400	2390.37	-43.84	≤-16	0.04130	≤25	PASS
				2483.5~2496.5	2495.32	-43.43	≤-16	0.04539	≤25	PASS
				2496.5~13000	4881.84	-37.22	≤-26	0.18967	≤2.5	PASS
			2480	30~1000	356.65	-54.88	≤-26	0.00325	≤2.5	PASS
				1000~2387	2338.80	-53.95	≤-26	0.00403	≤2.5	PASS
				2387~2400	2387.92	-43.81	≤-16	0.04159	≤25	PASS
				2483.5~2496.5	2484.64	-42.24	≤-16	0.05970	≤25	PASS
				2496.5~13000	4960.10	-37.47	≤-26	0.17906	≤2.5	PASS



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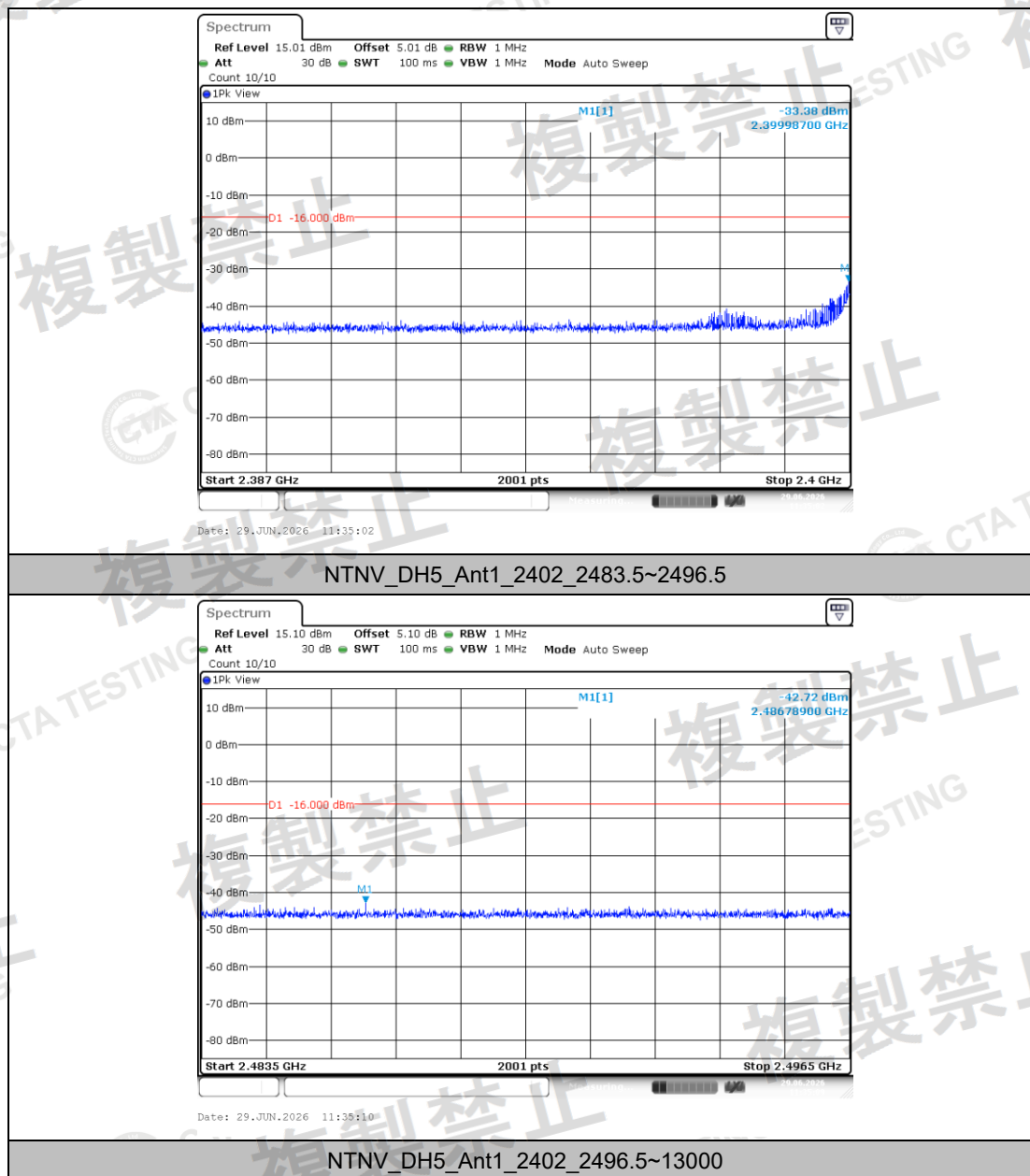
Test Graphs





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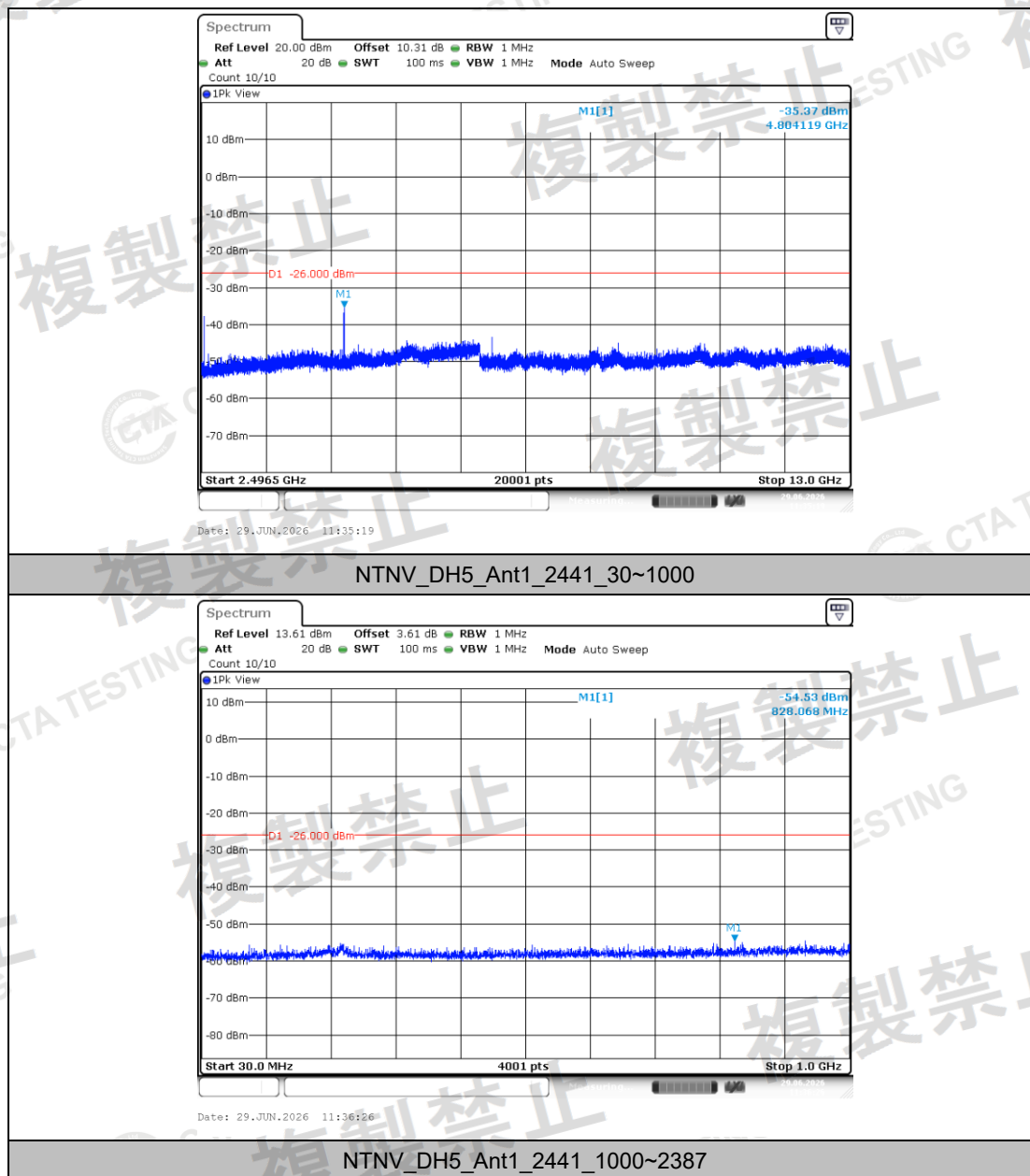
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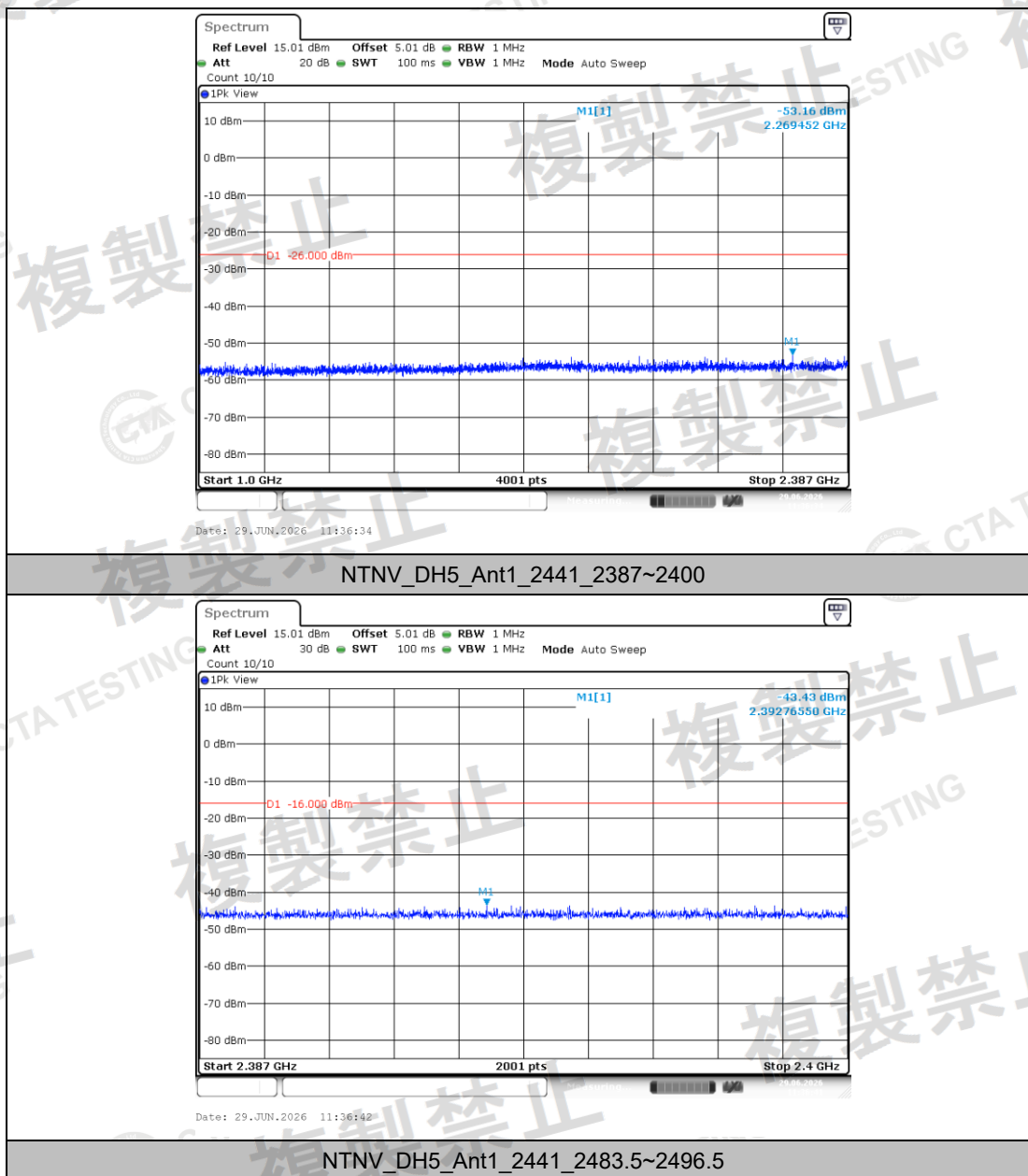
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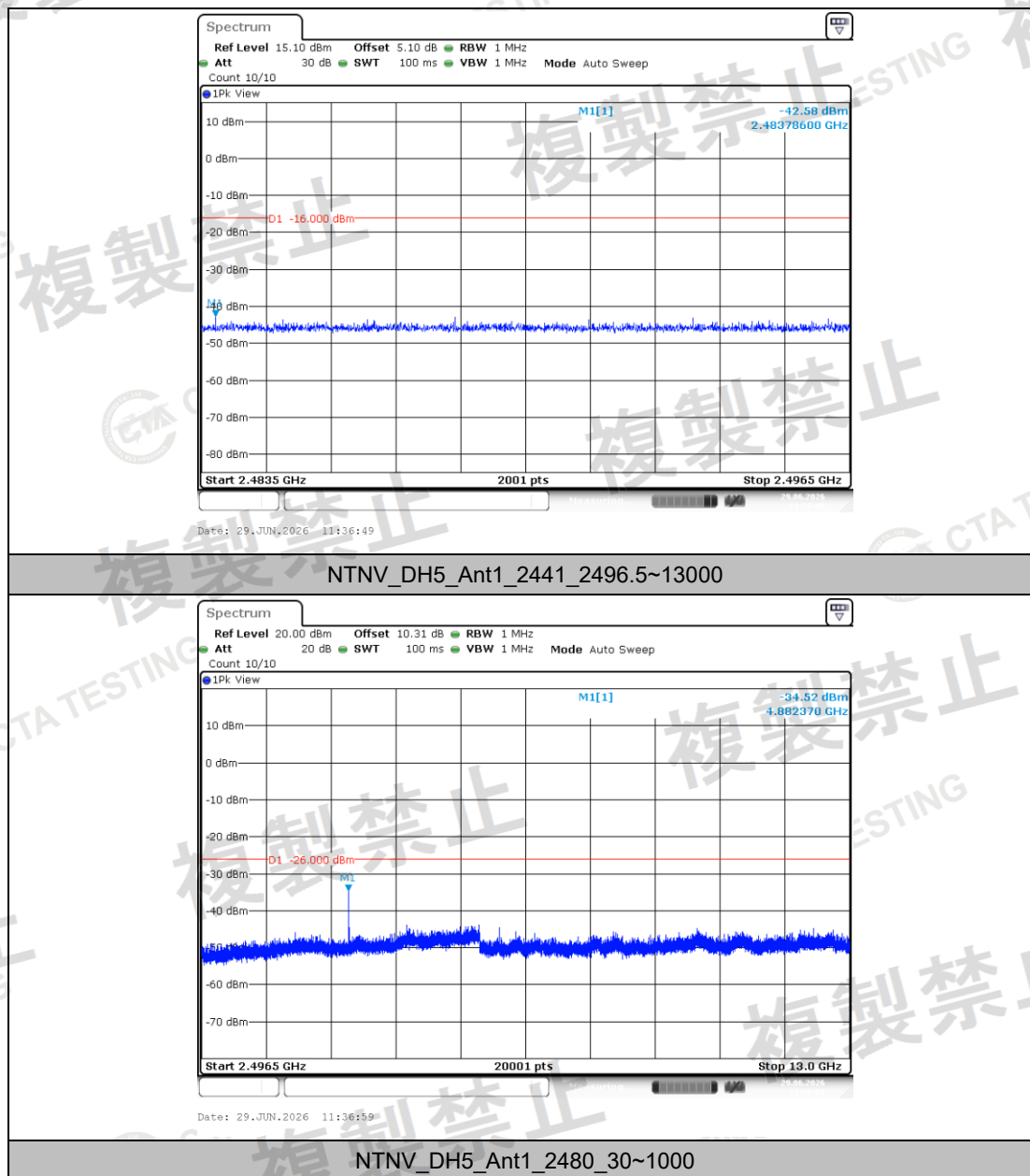
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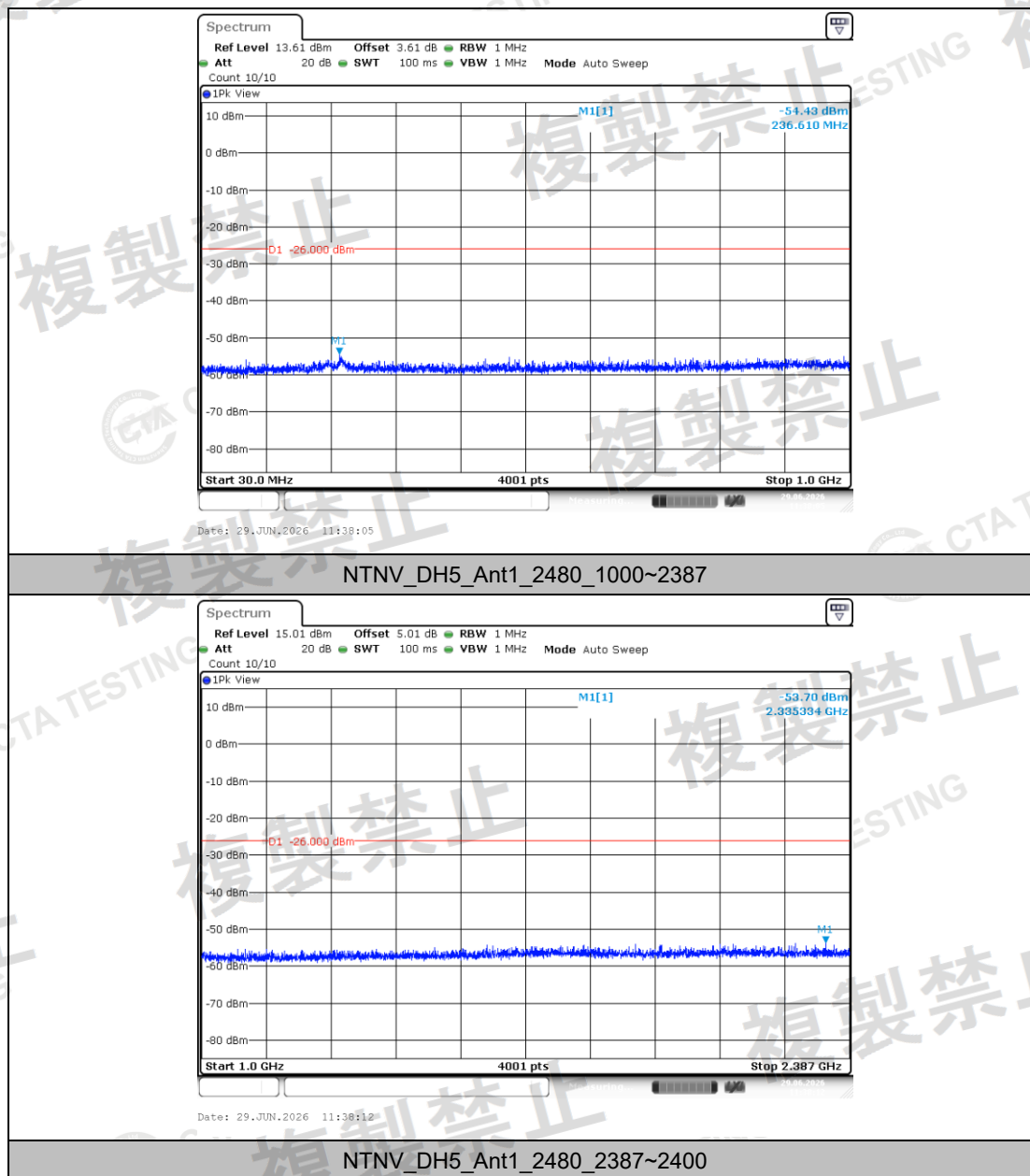
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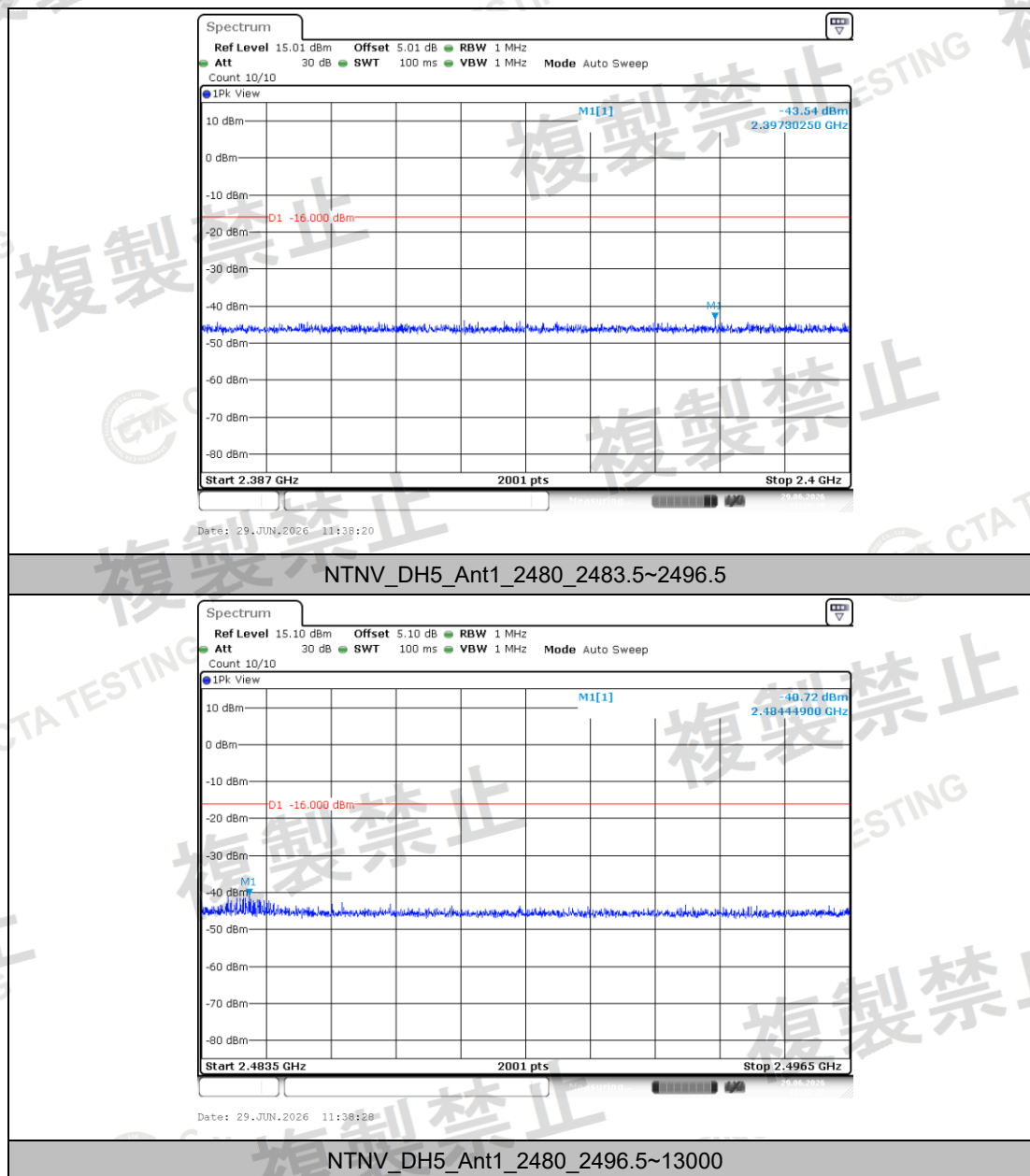
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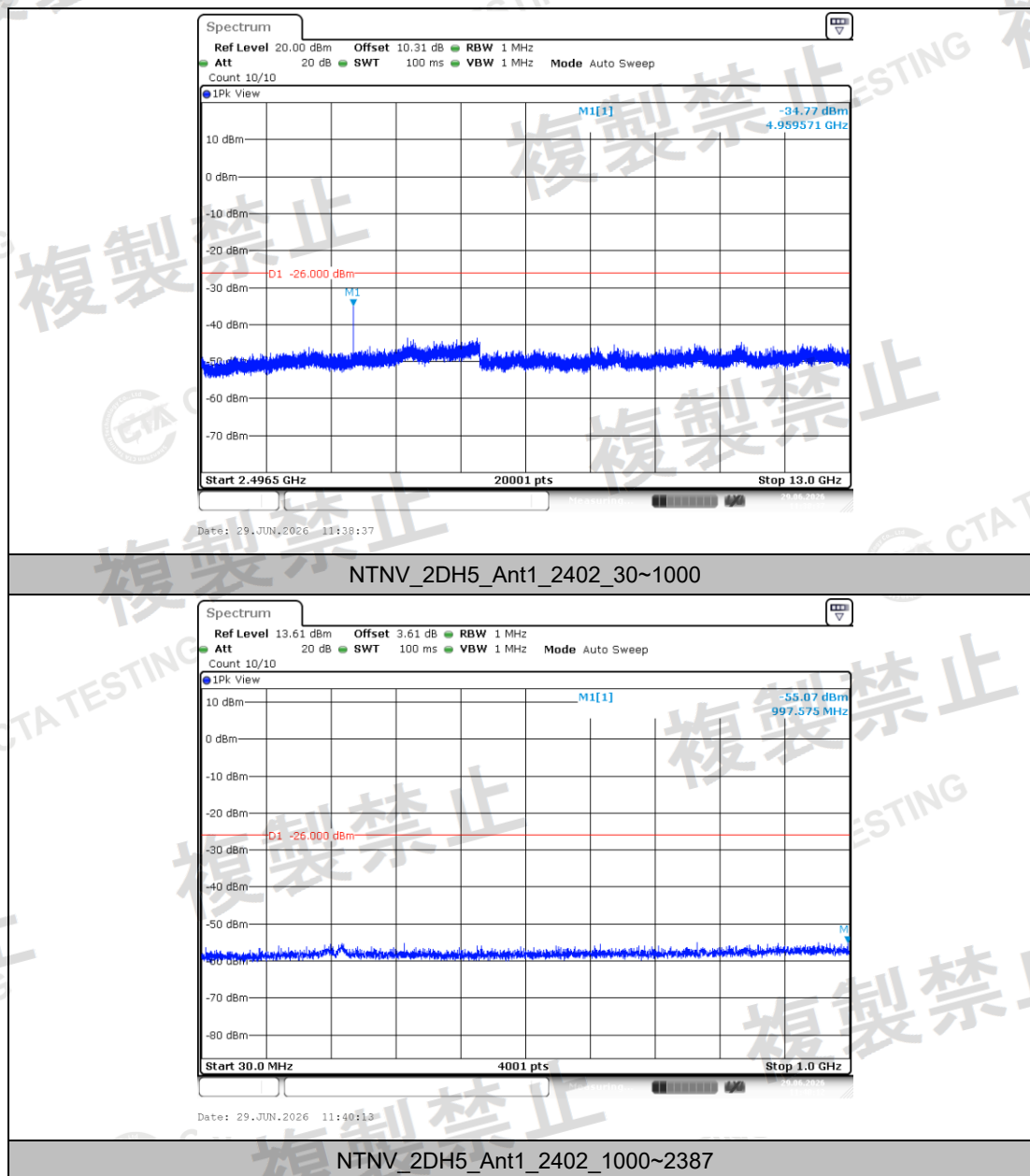
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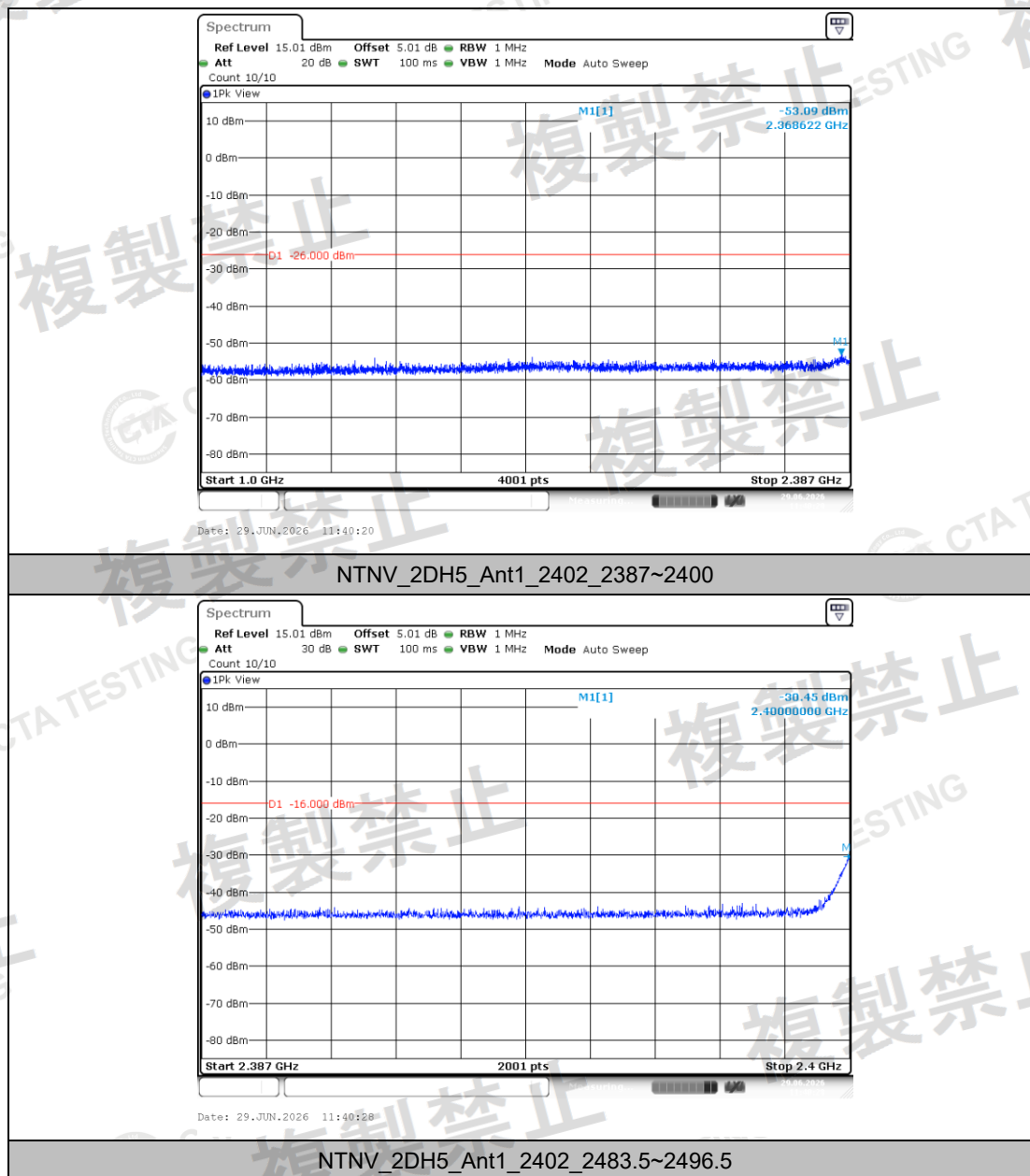
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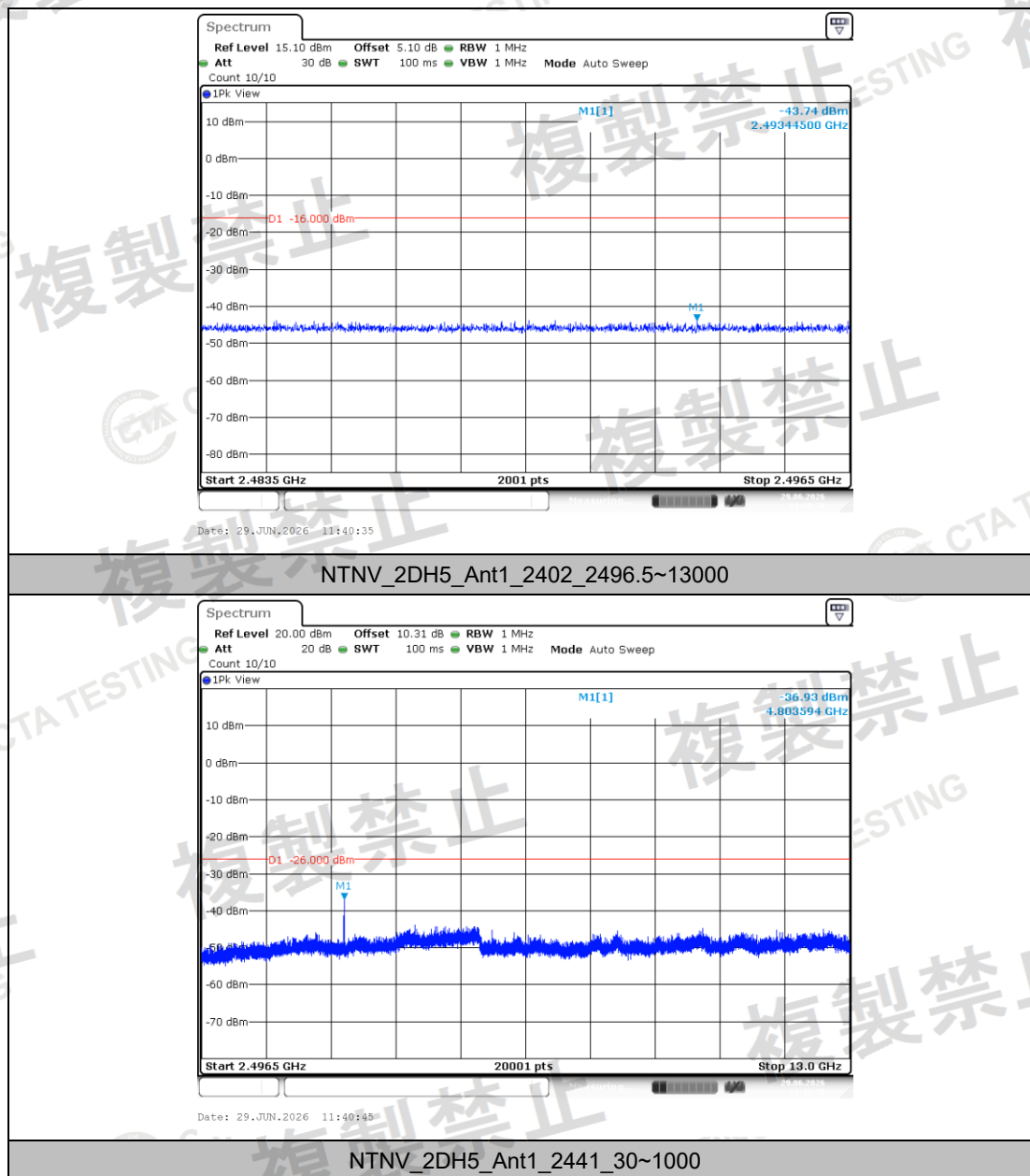
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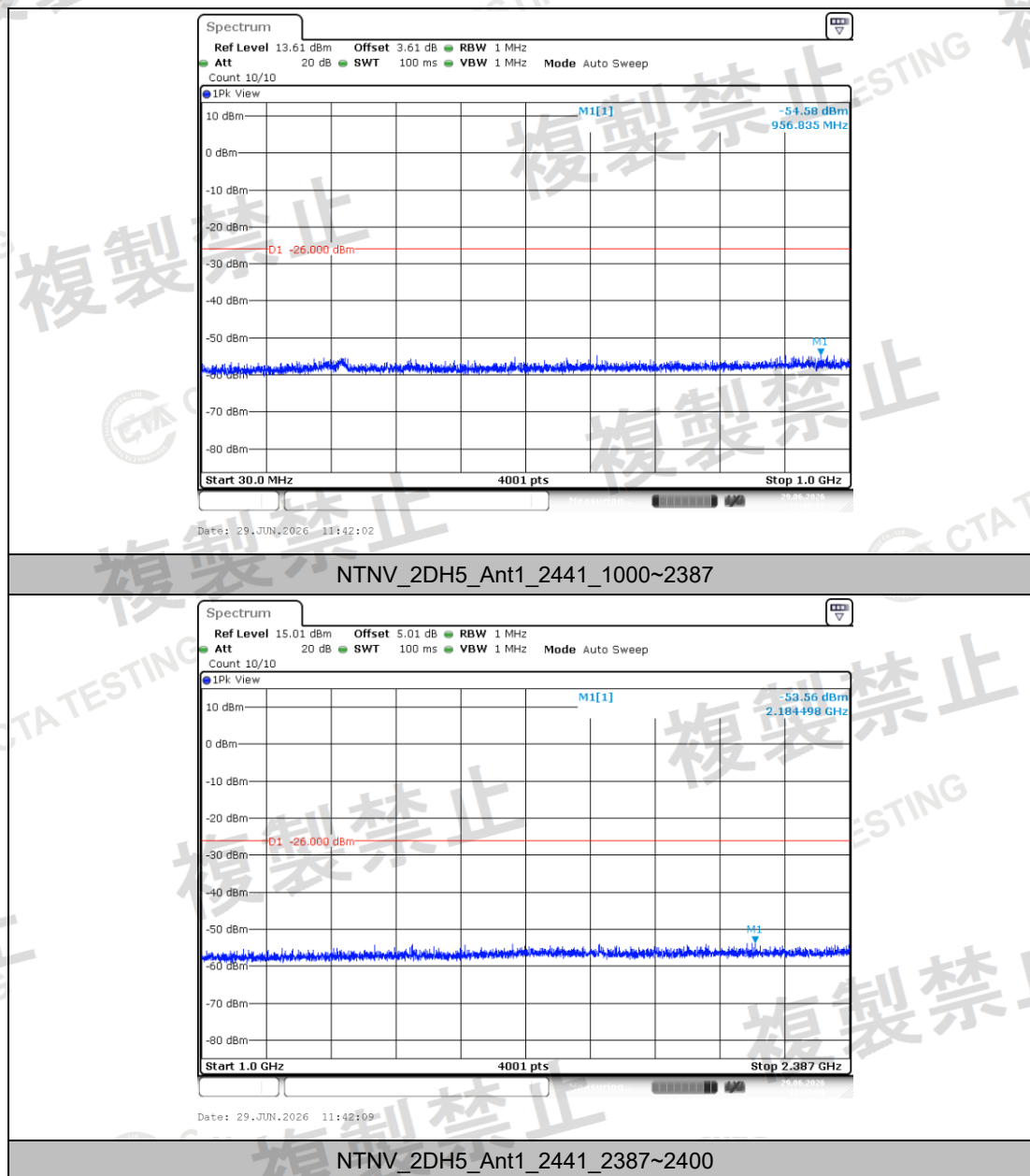
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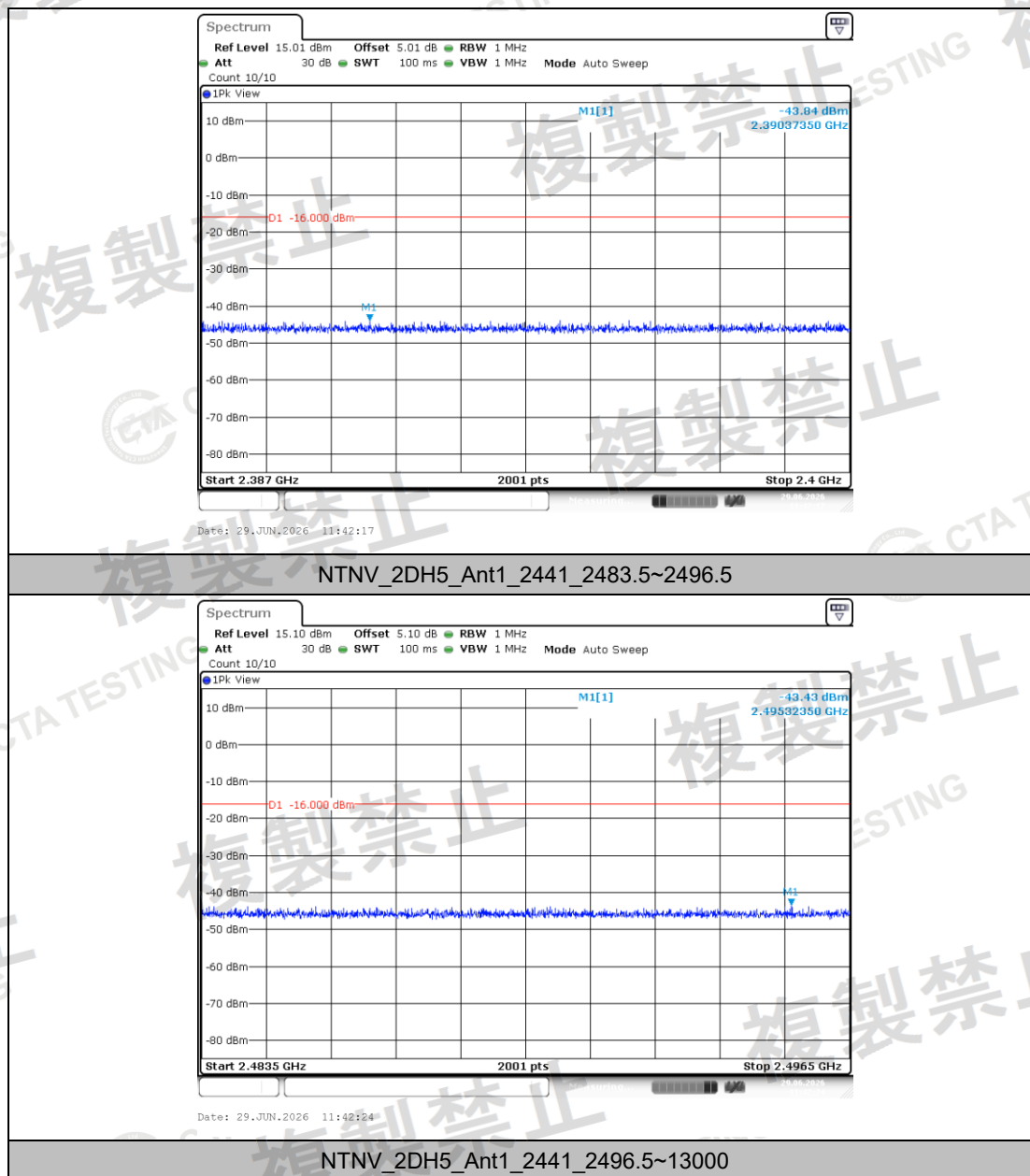
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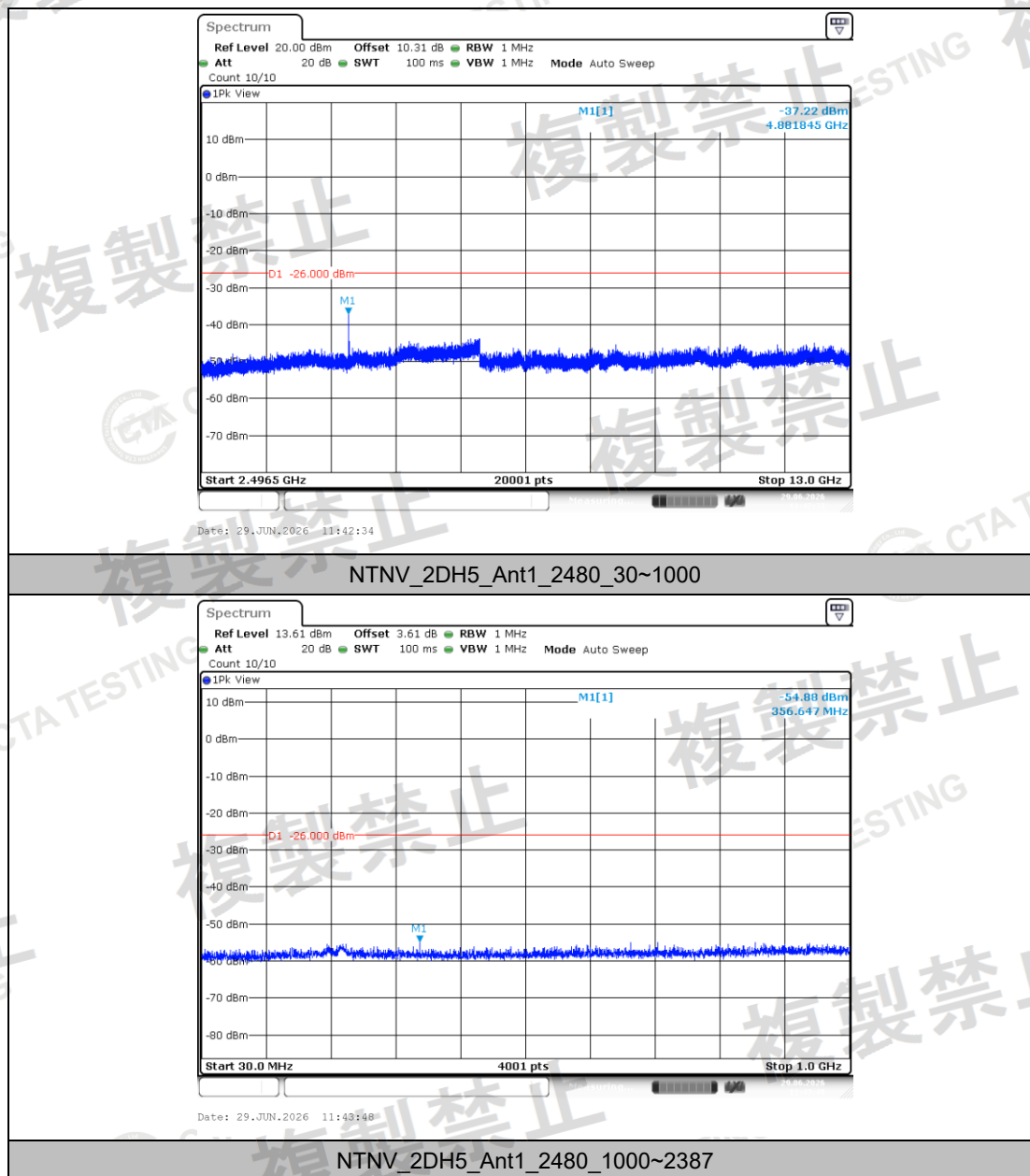
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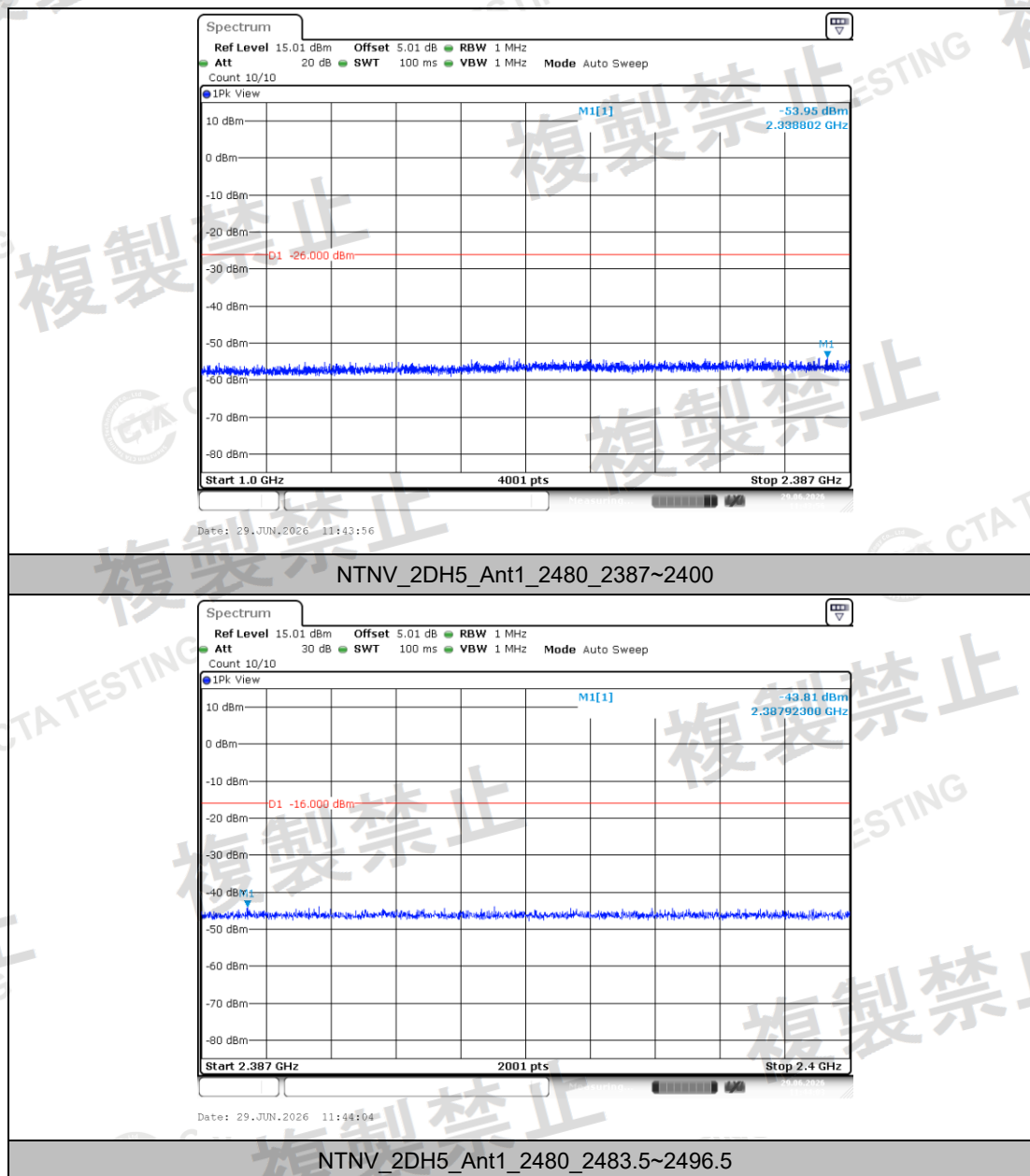
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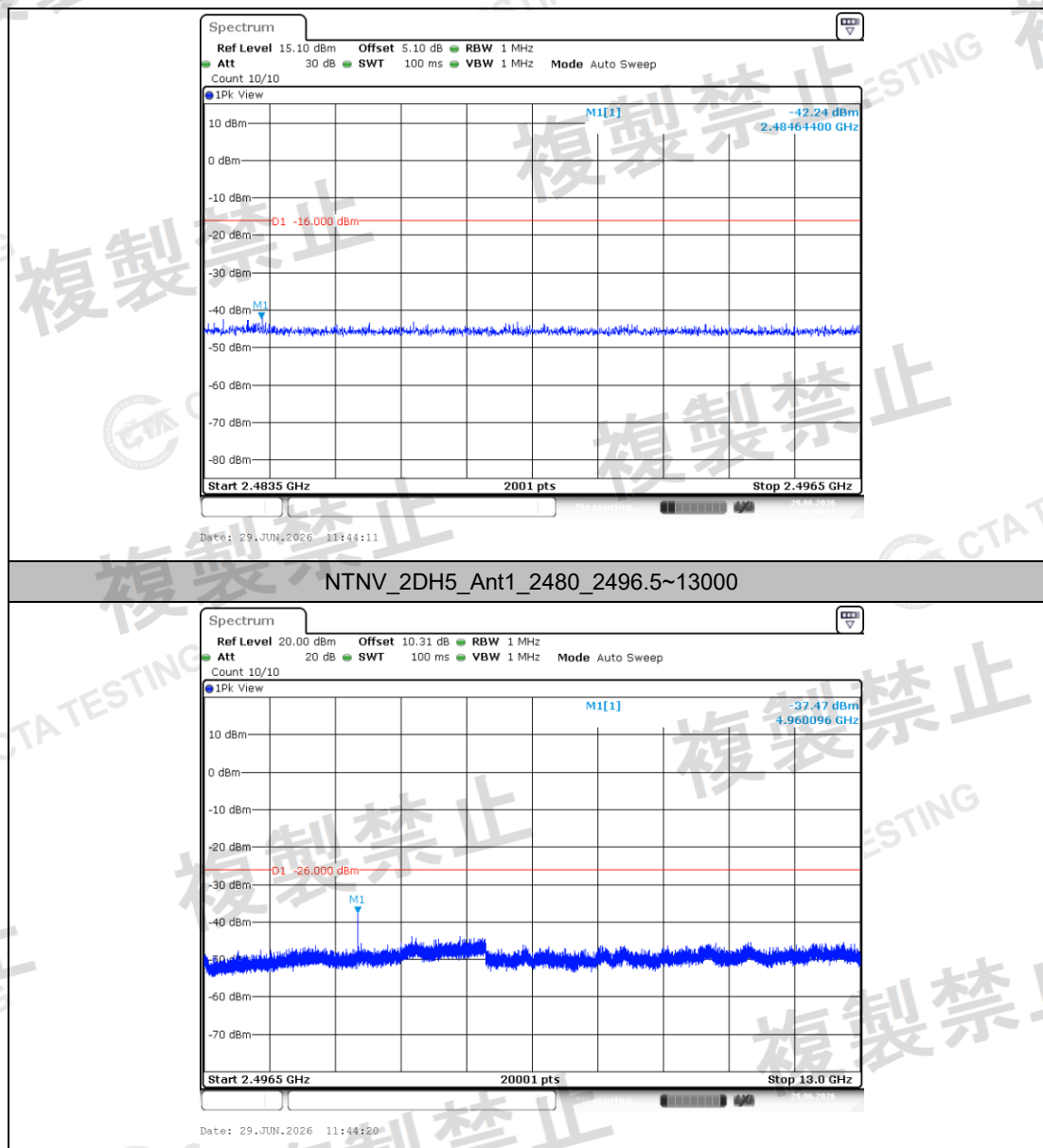
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Appendix E: Spurious Emission of RX

Test Result

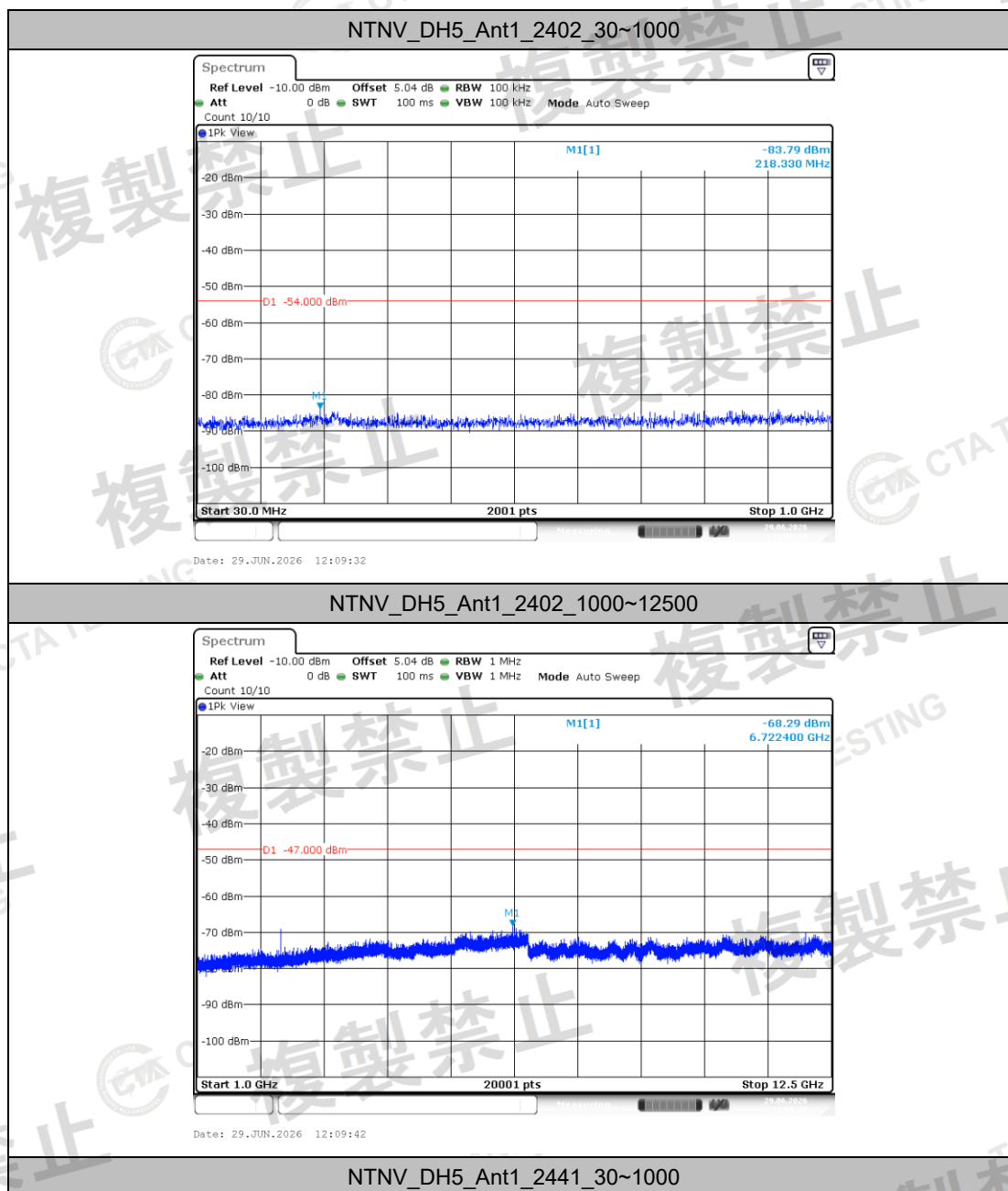
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	218.33	-83.79	≤-54	0.00418	≤4	PASS
				1000~12500	6722.40	-68.29	≤-47	0.14825	≤20	PASS
			2441	30~1000	690.48	-83.36	≤-54	0.00461	≤4	PASS
				1000~12500	6908.12	-69.04	≤-47	0.12474	≤20	PASS
			2480	30~1000	919.29	-83.90	≤-54	0.00407	≤4	PASS
				1000~12500	6819.00	-68.13	≤-47	0.15382	≤20	PASS
	2DH5	Ant1	2402	30~1000	919.77	-83.01	≤-54	0.00500	≤4	PASS
				1000~12500	5800.15	-69.40	≤-47	0.11482	≤20	PASS
			2441	30~1000	920.26	-83.83	≤-54	0.00414	≤4	PASS
				1000~12500	5757.60	-69.38	≤-47	0.11535	≤20	PASS
			2480	30~1000	761.26	-83.20	≤-54	0.00479	≤4	PASS
				1000~12500	6866.72	-68.84	≤-47	0.13062	≤20	PASS



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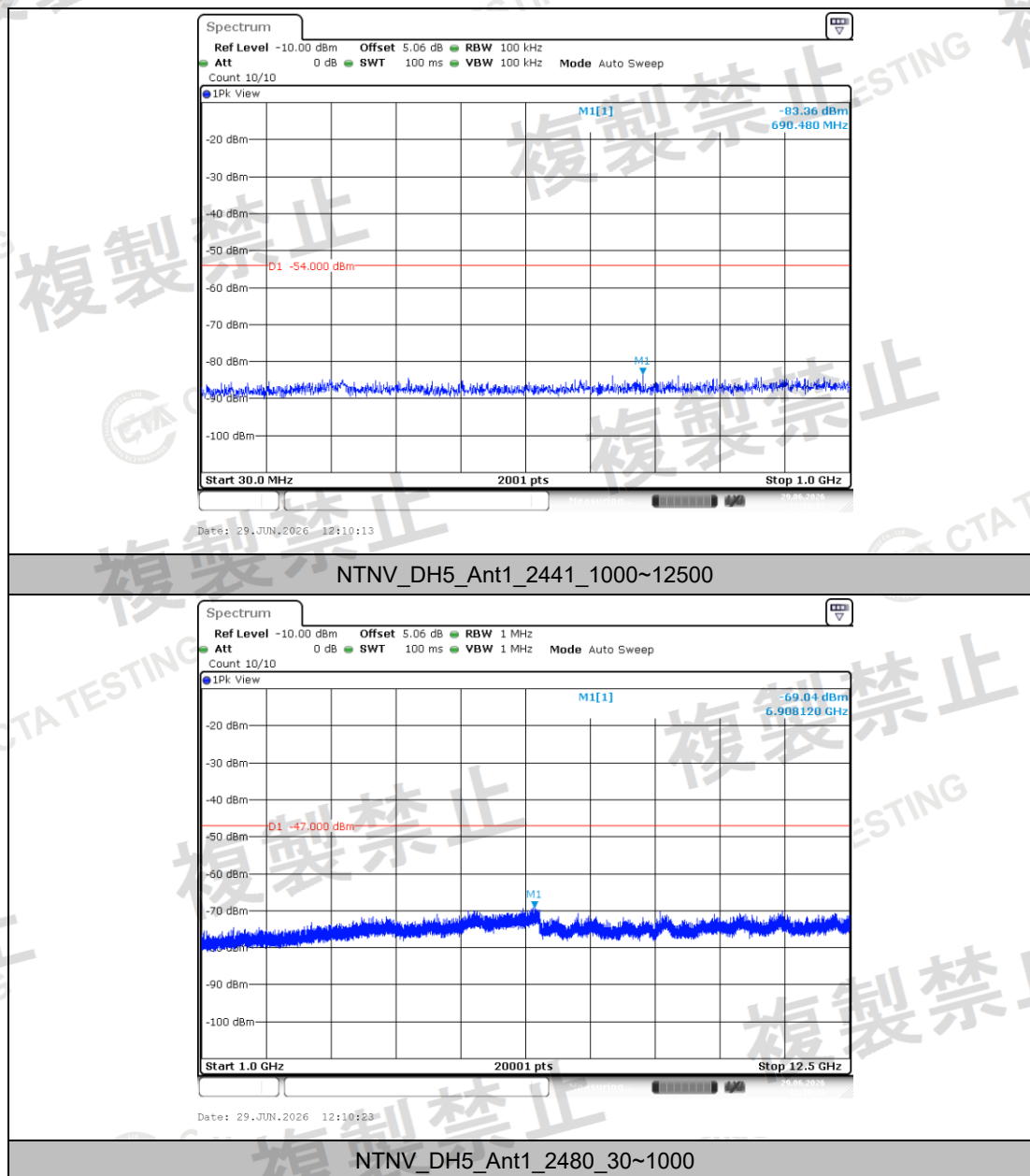
Test Graphs





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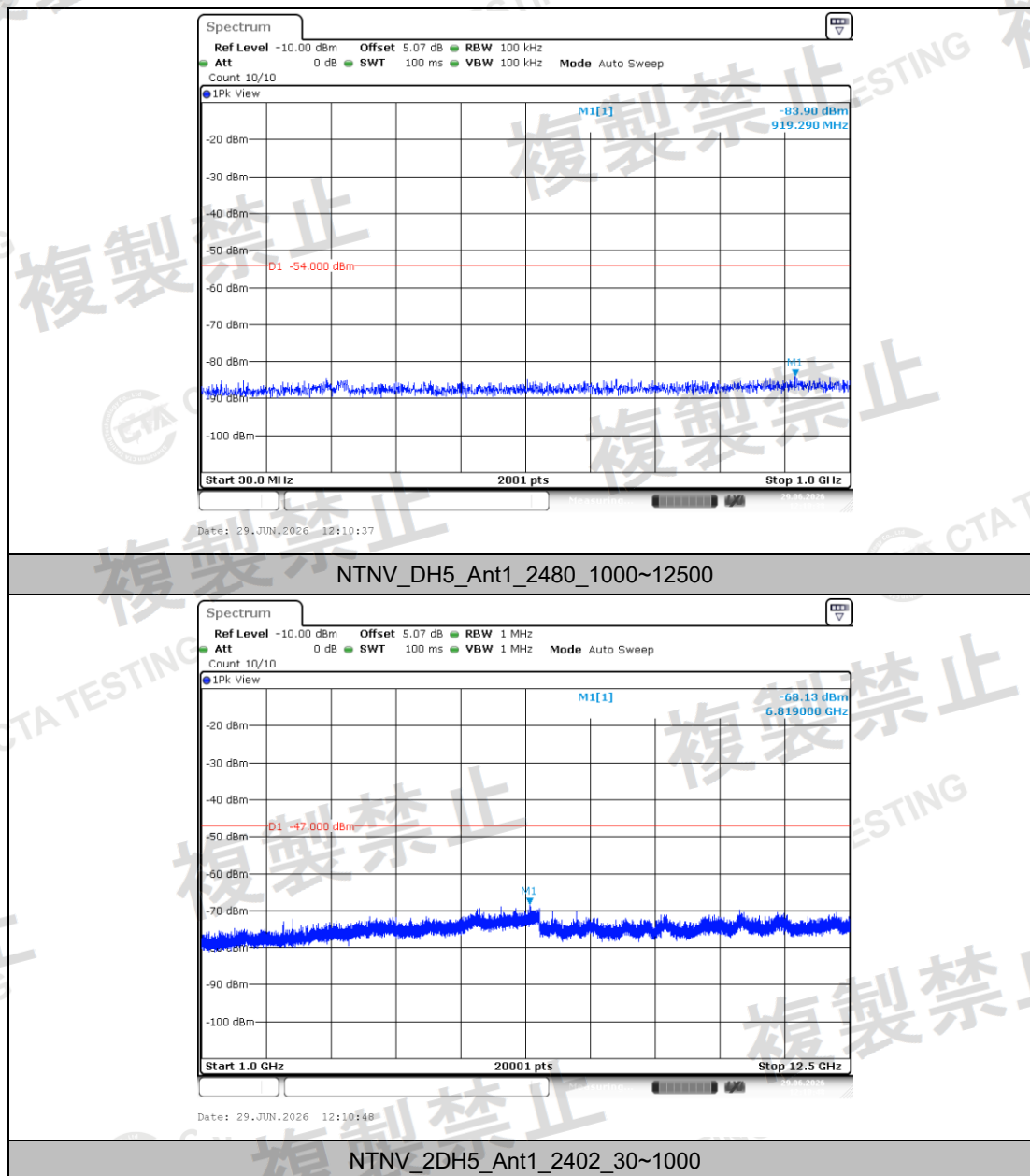
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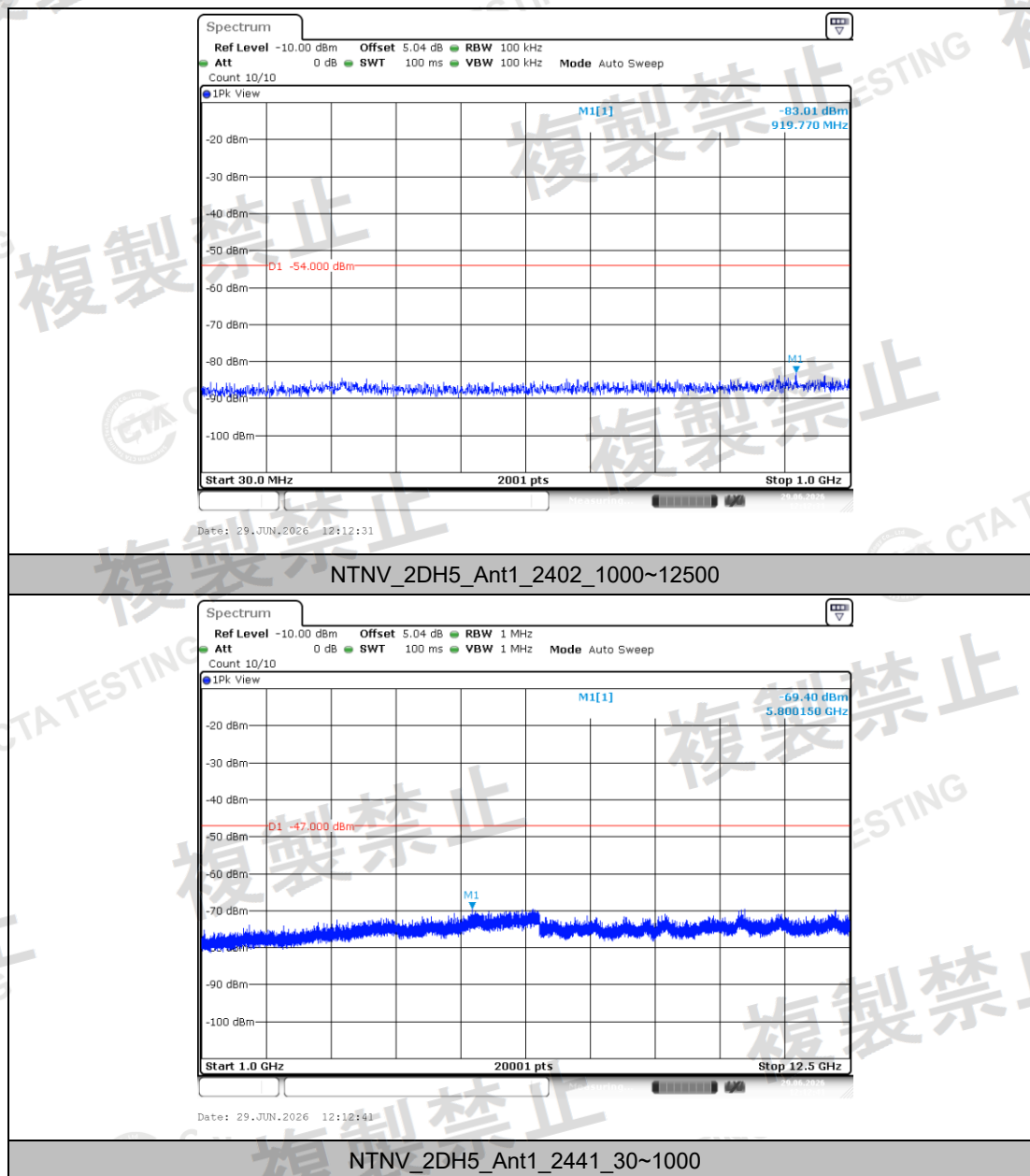
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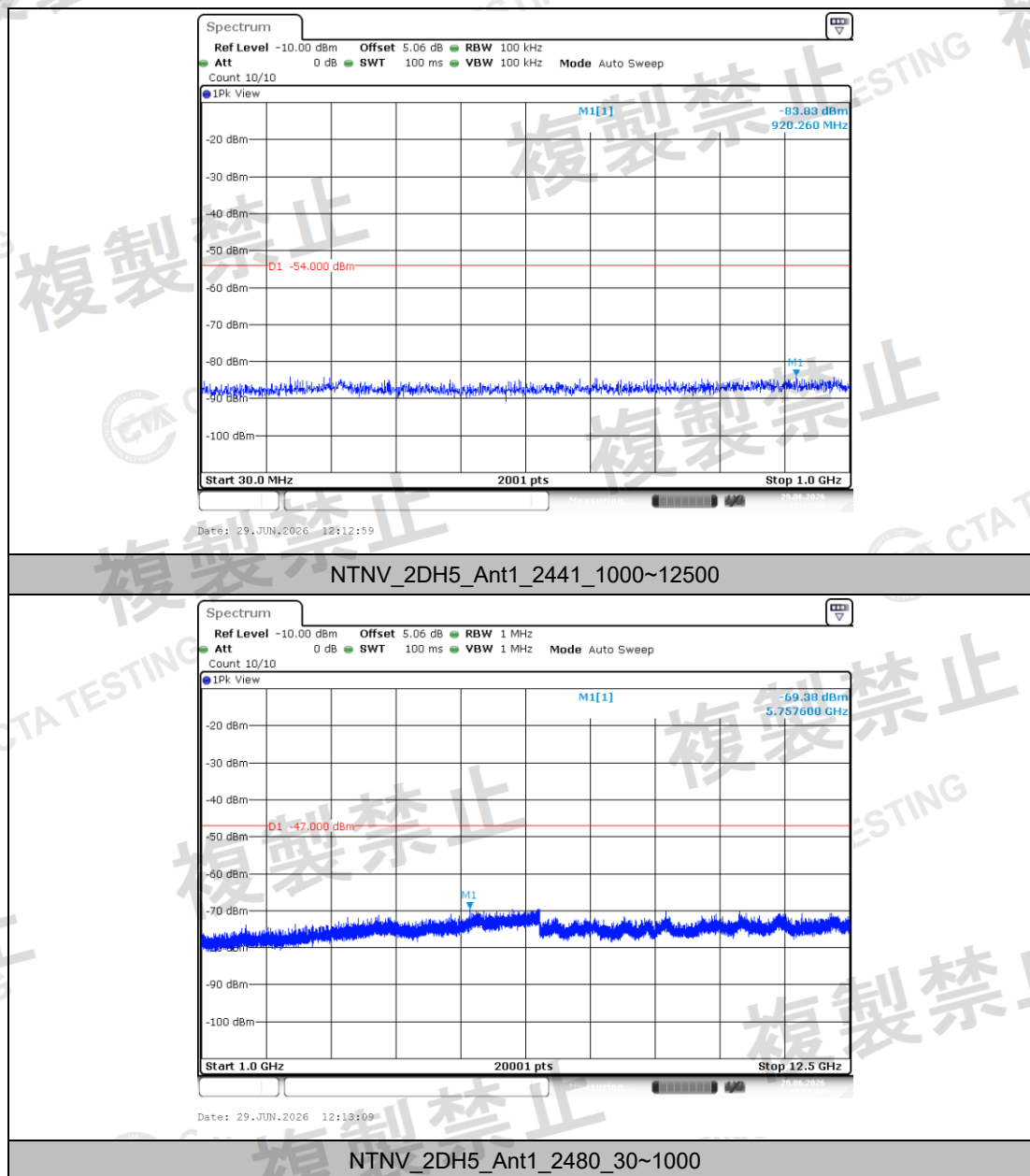
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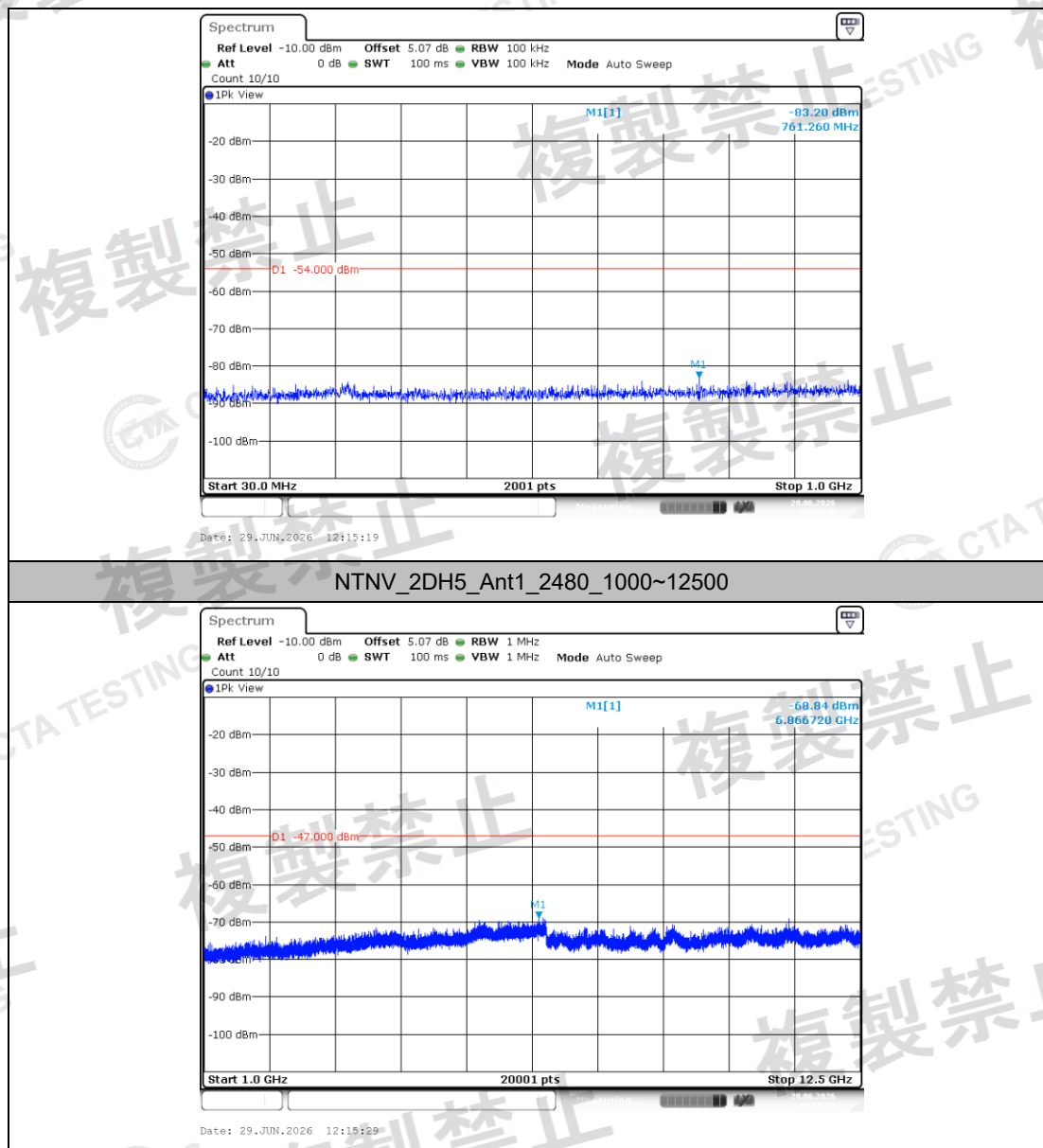
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Appendix F: Dwell Time

Test Result

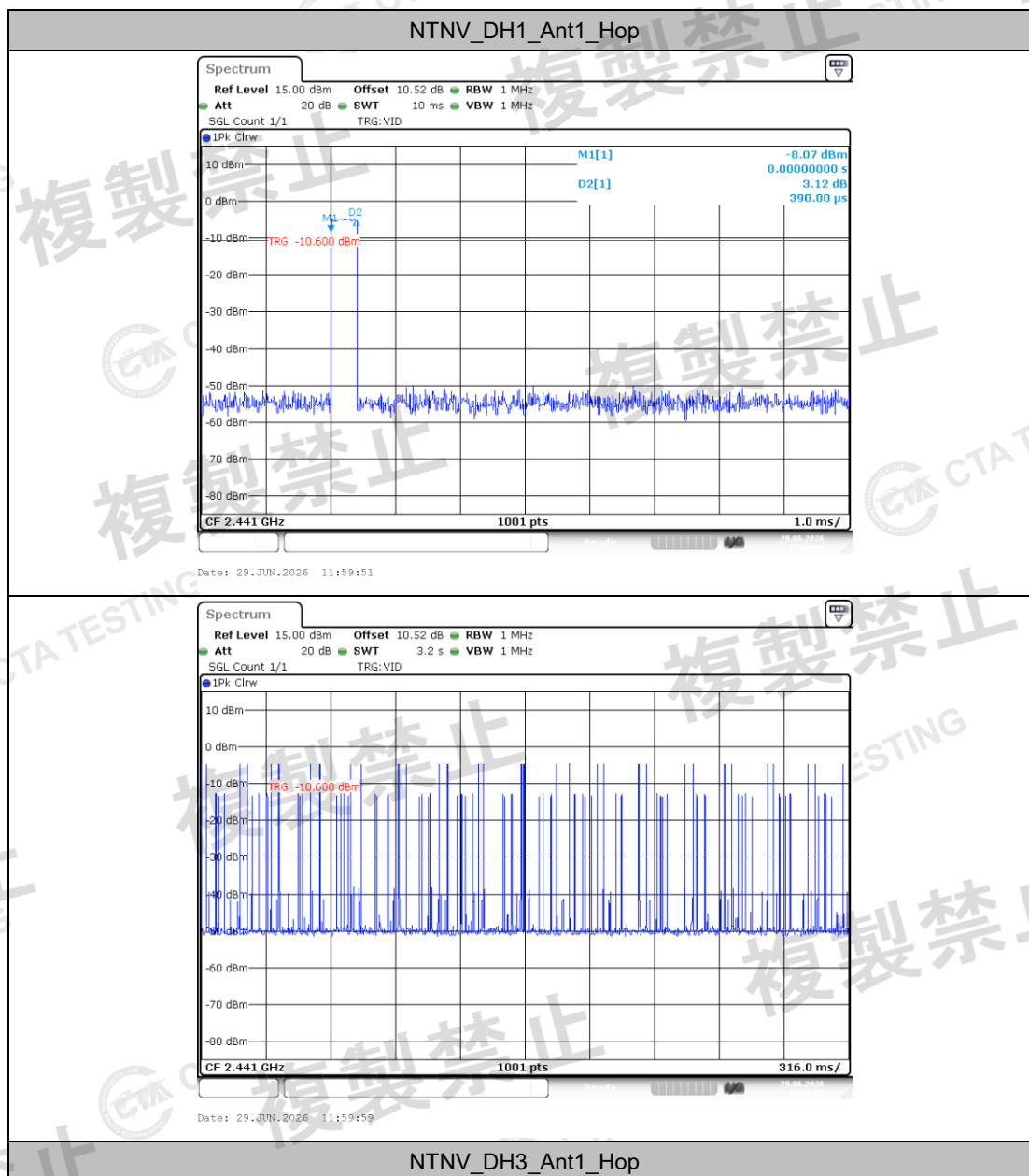
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.39	320	0.125	≤0.4	PASS
	DH3	Ant1	Hop	1.64	160	0.262	≤0.4	PASS
	DH5	Ant1	Hop	2.90	90	0.261	≤0.4	PASS
	2DH1	Ant1	Hop	0.40	270	0.108	≤0.4	PASS
	2DH3	Ant1	Hop	1.65	160	0.264	≤0.4	PASS
	2DH5	Ant1	Hop	2.90	100	0.29	≤0.4	PASS



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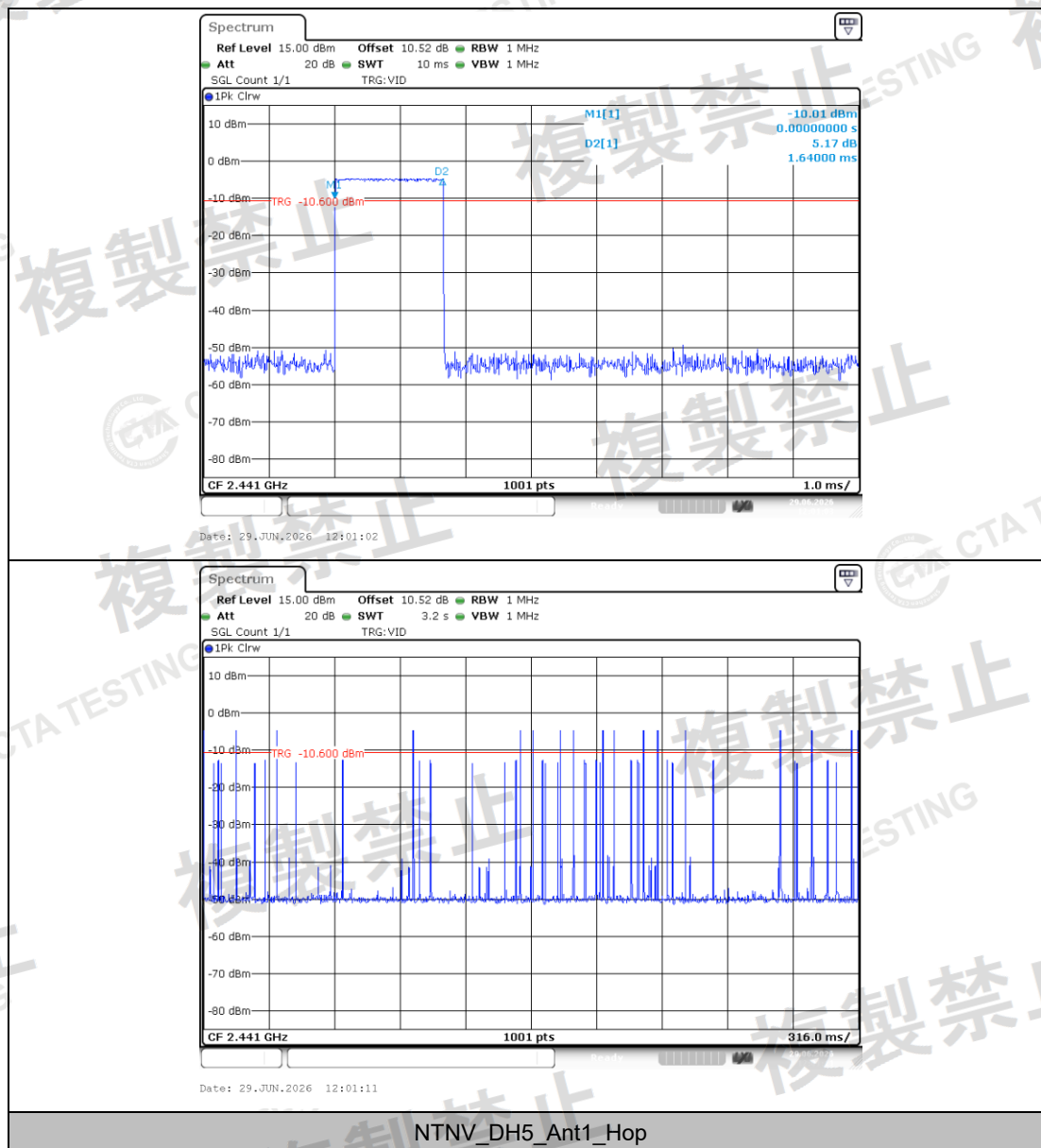
Test Graphs





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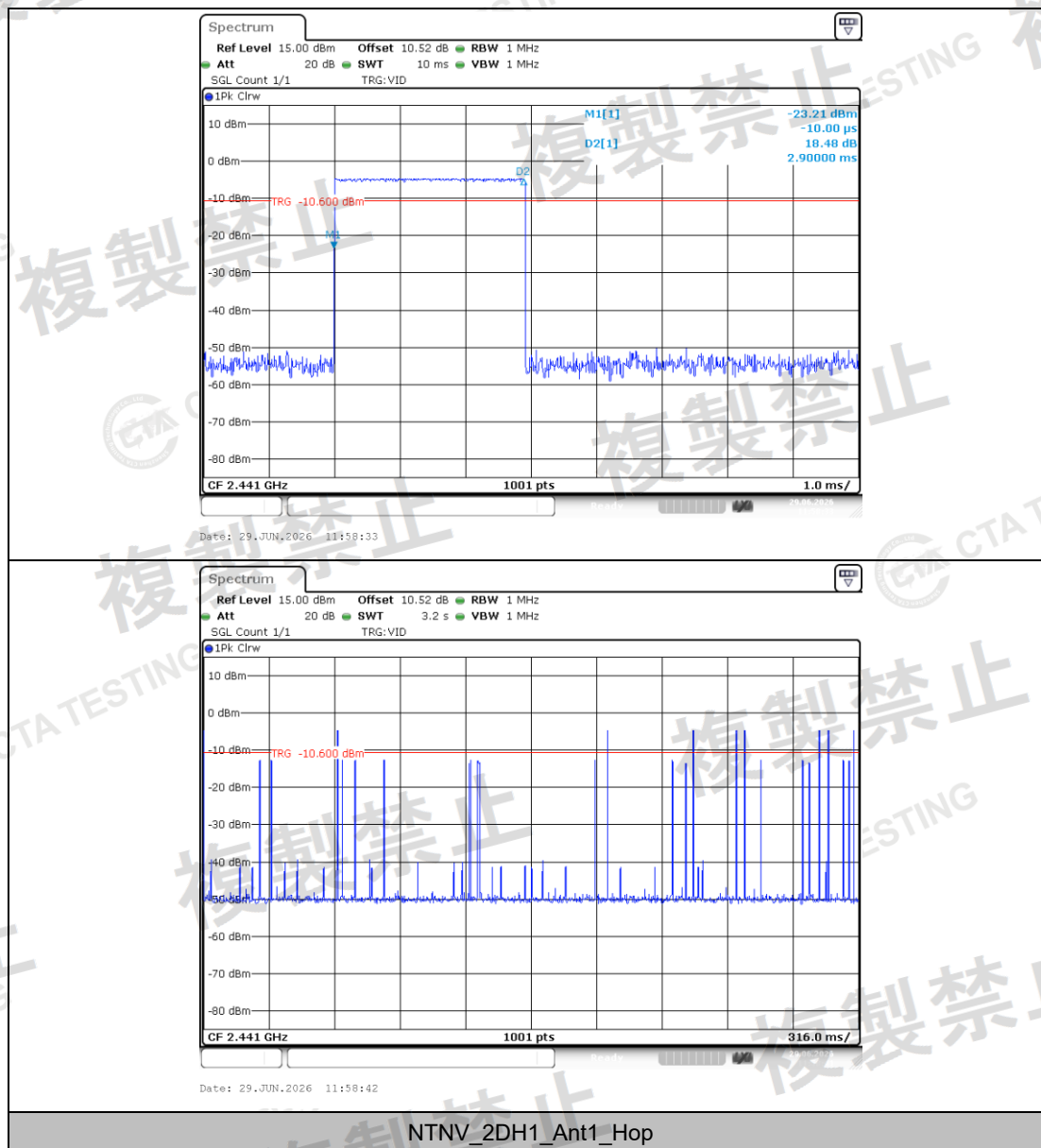
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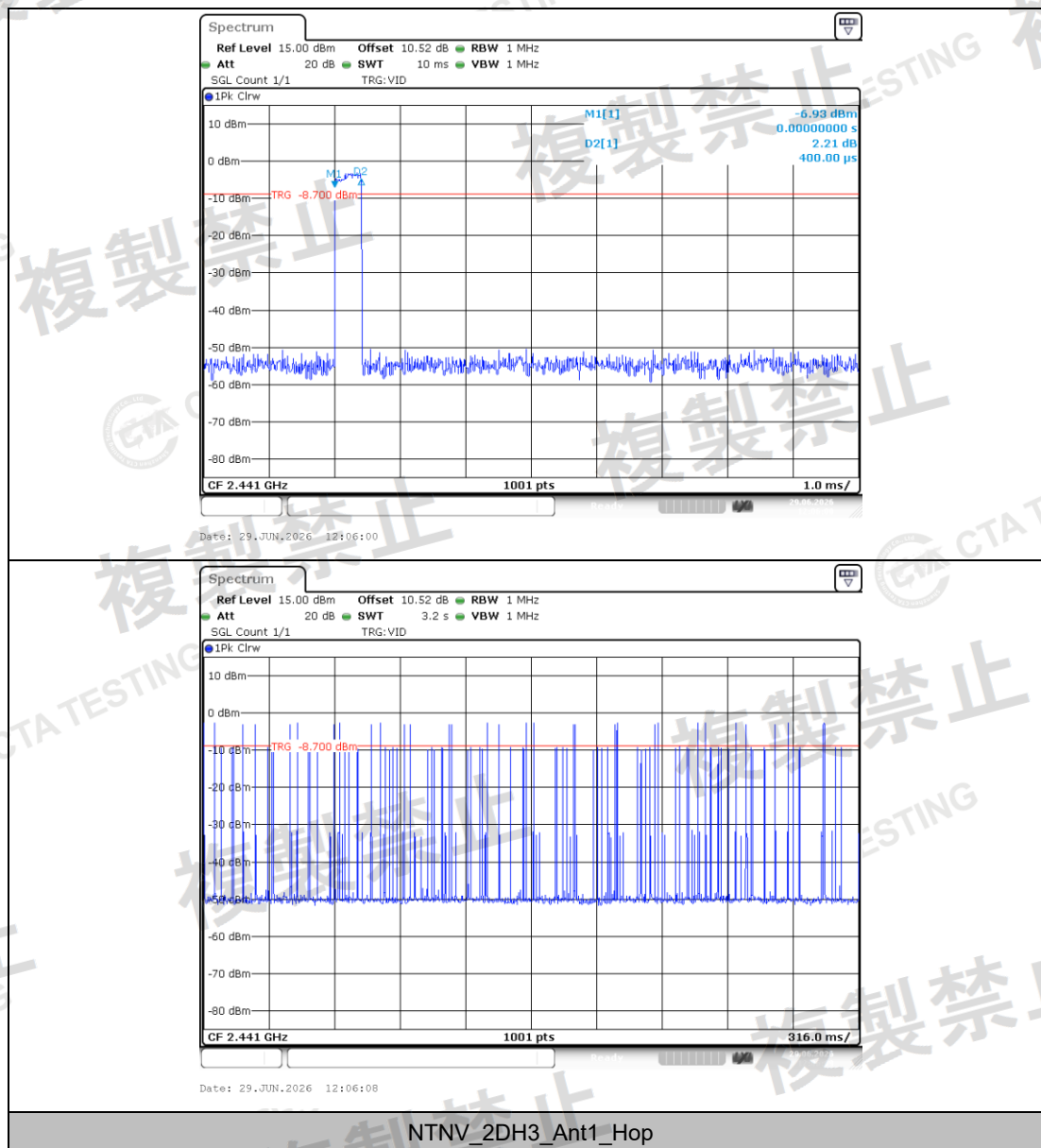
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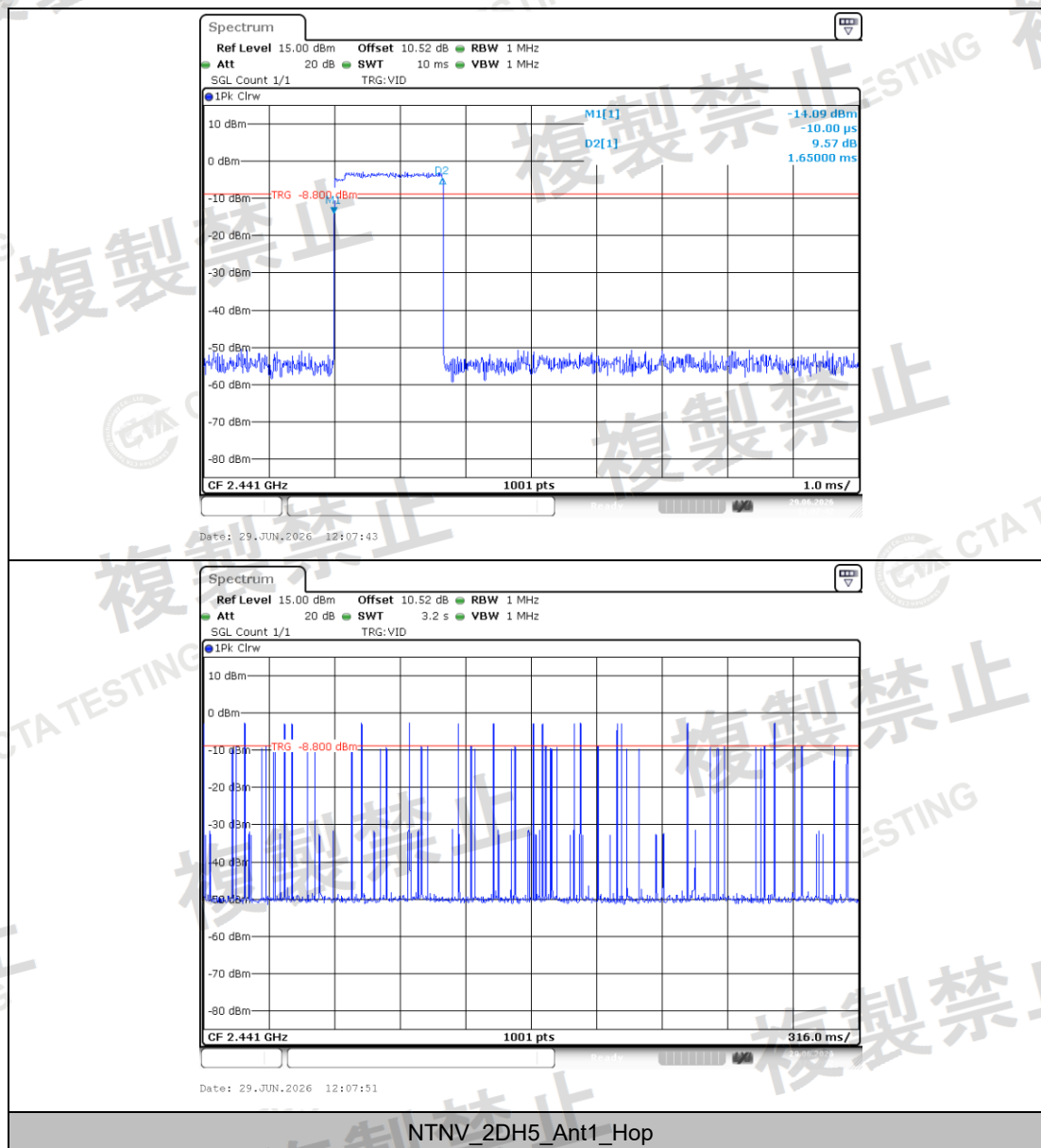
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