



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 BLE

JIAHANG TECHNOLOGY (HONG KONG)

Company : CO.,LIMITED

EUT : Tablet

Model Number : W80

Report No. : CTA26042101003

Reviewed By : Eric Wang



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Appendix A: Frequency Error

Test Result

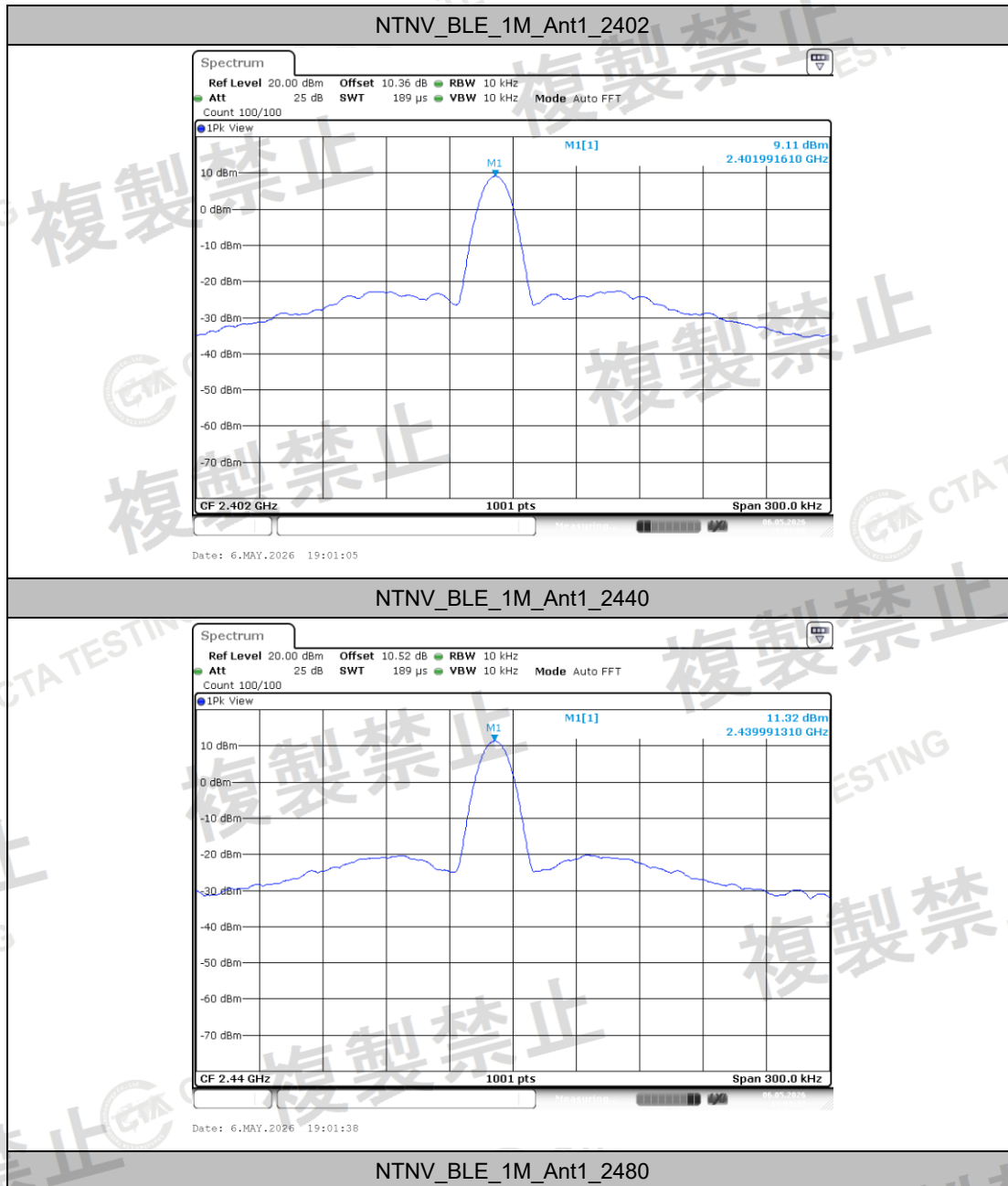
TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	-3.49292	±50	PASS
			2440	-3.56148	±50	PASS
			2480	-3.62500	±50	PASS
	BLE_2M	Ant1	2402	-3.74271	±50	PASS
			2440	-3.80738	±50	PASS
			2480	-3.74597	±50	PASS



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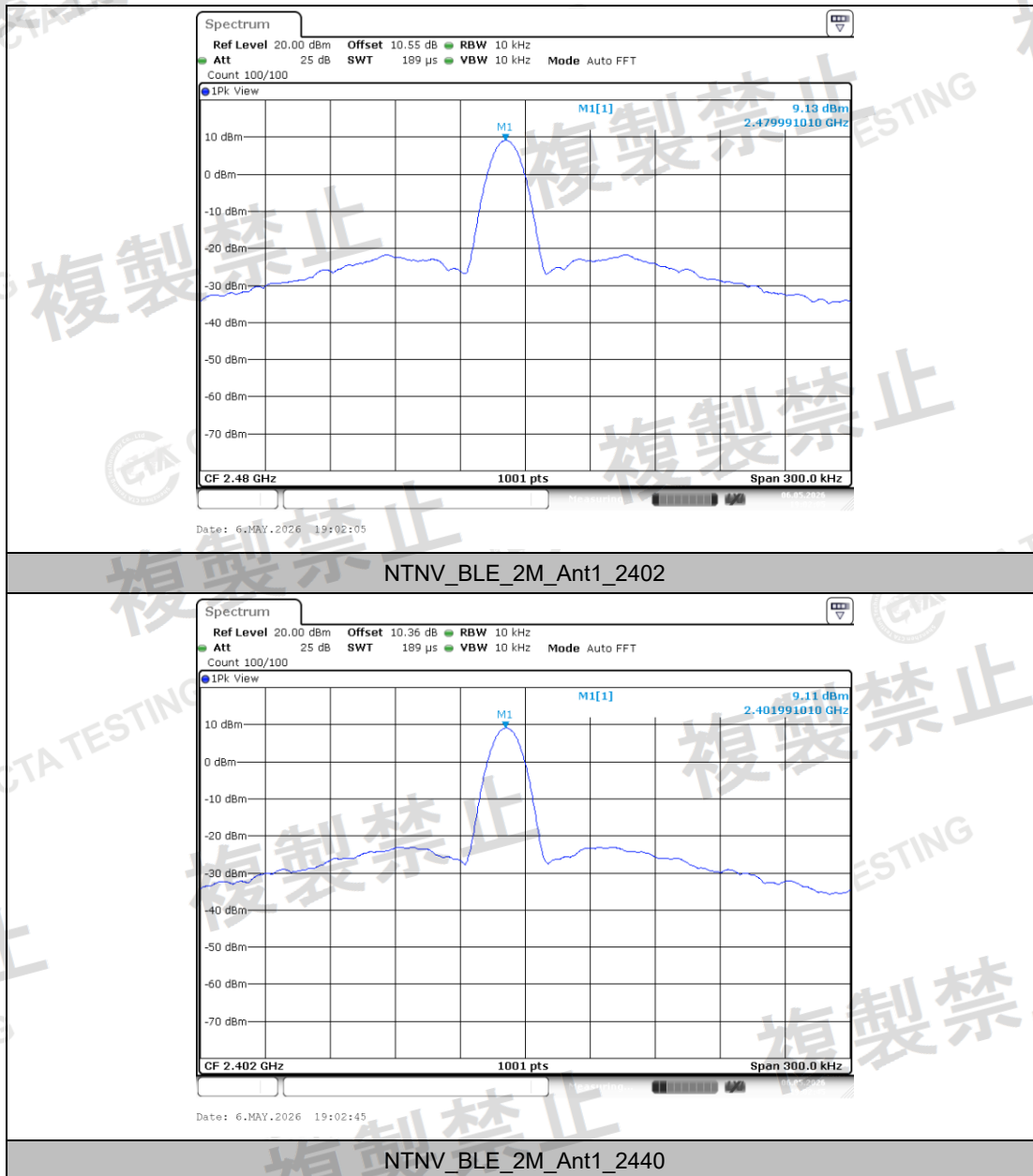
Test Graphs





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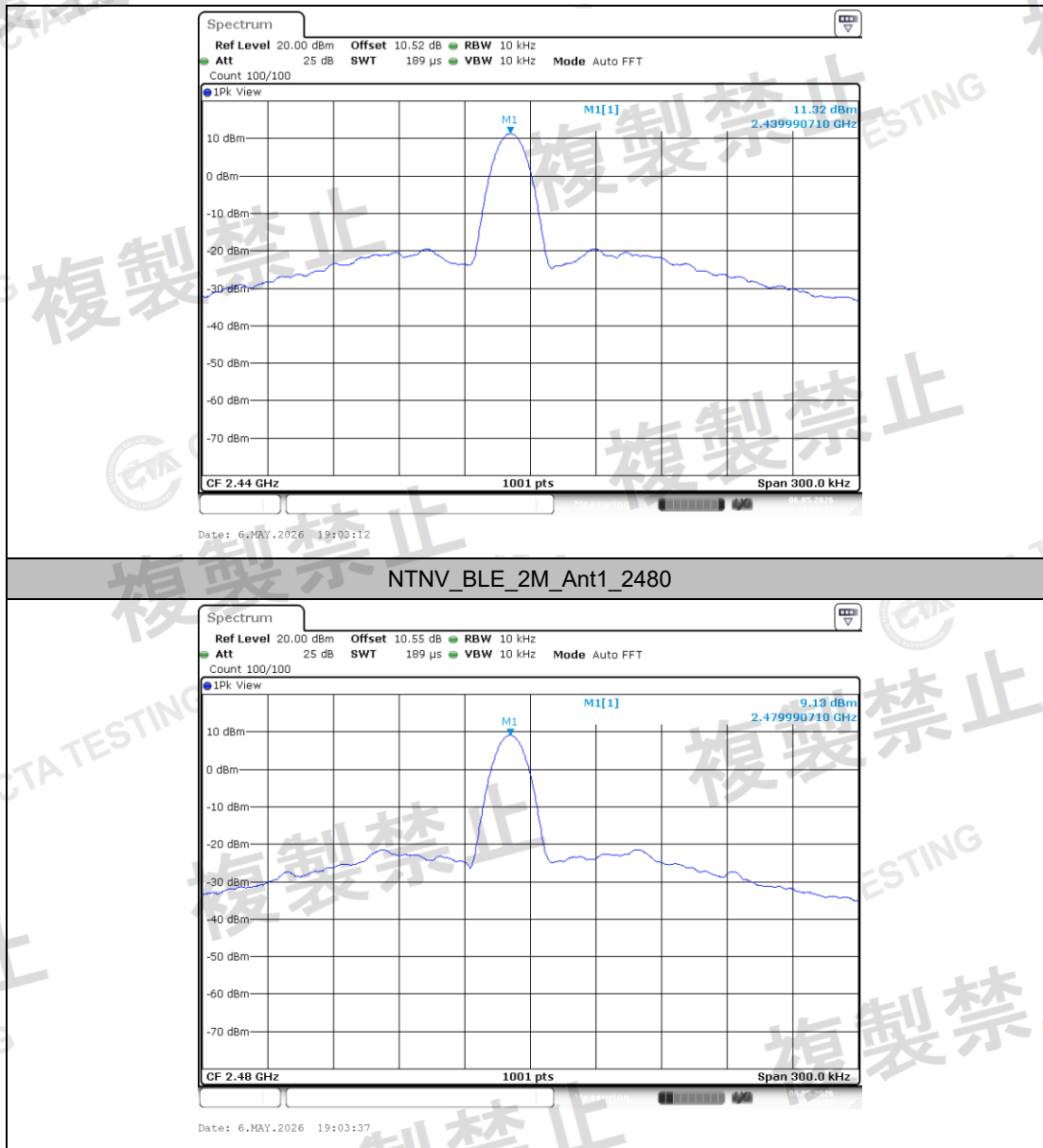
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Appendix B: Occupied Bandwidth

Test Result

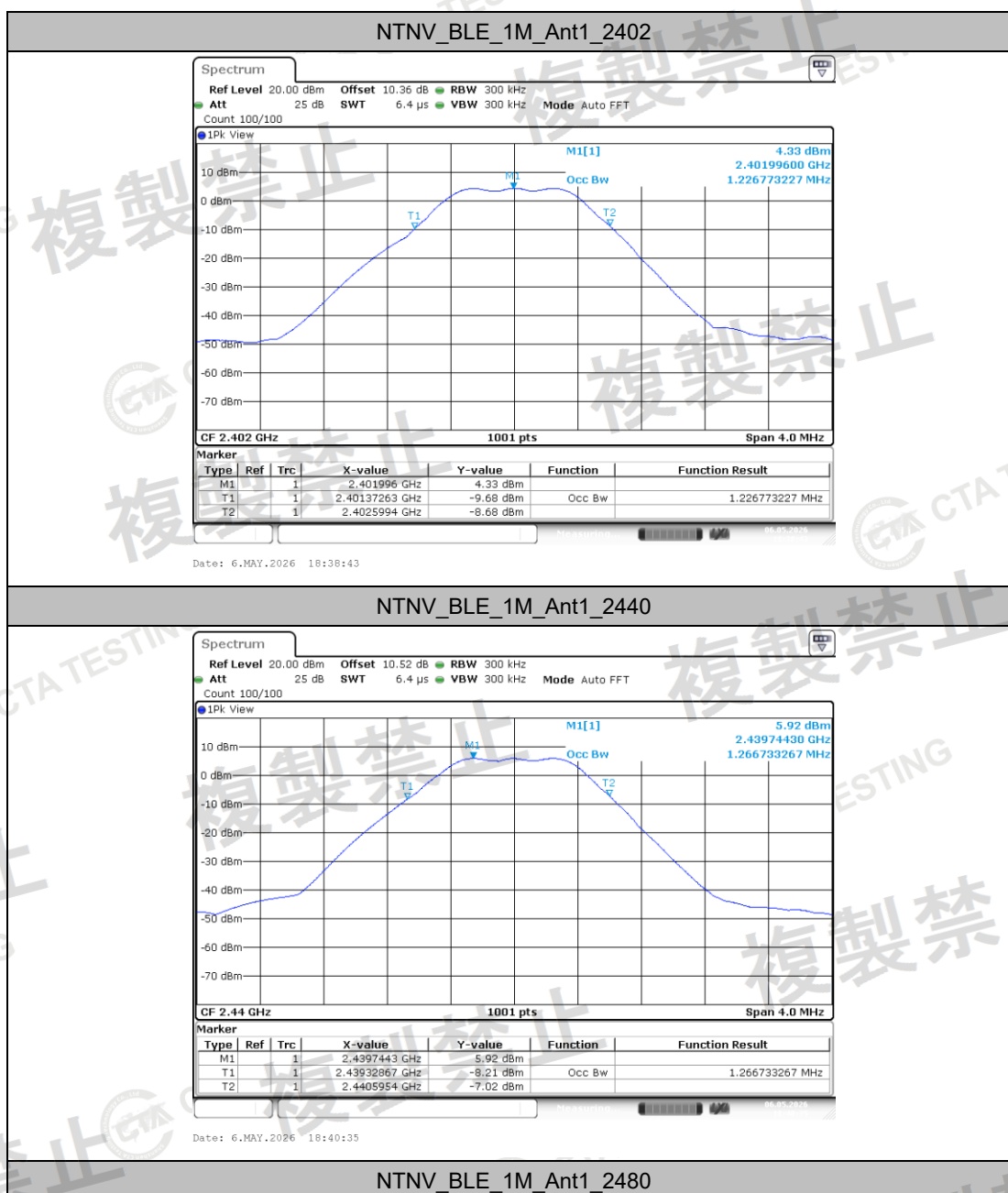
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.227	≤26	PASS
			2440	1.267	≤26	PASS
			2480	1.255	≤26	PASS
	BLE_2M	Ant1	2402	2.130	≤26	PASS
			2440	2.134	≤26	PASS
			2480	2.122	≤26	PASS



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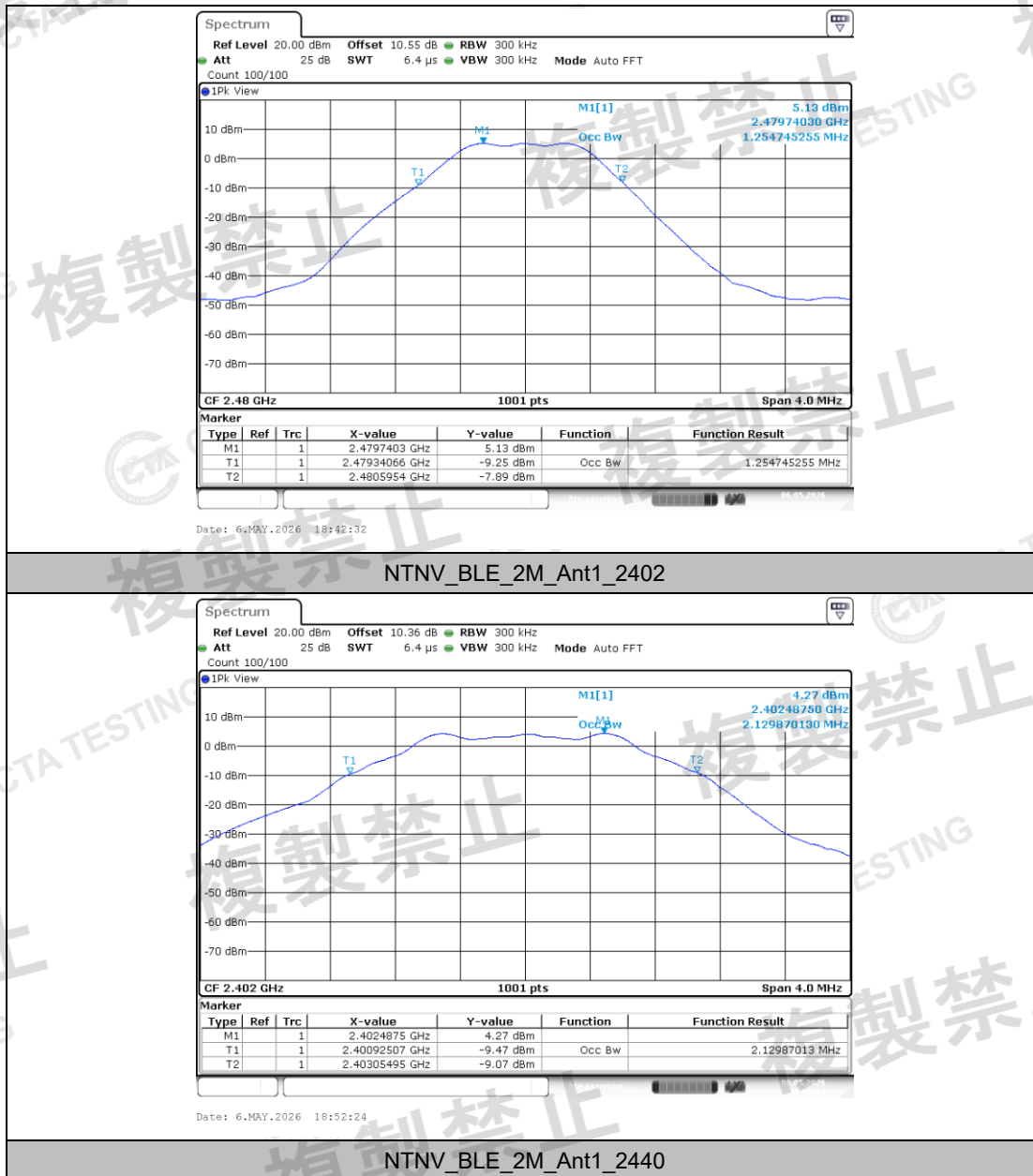
Test Graphs





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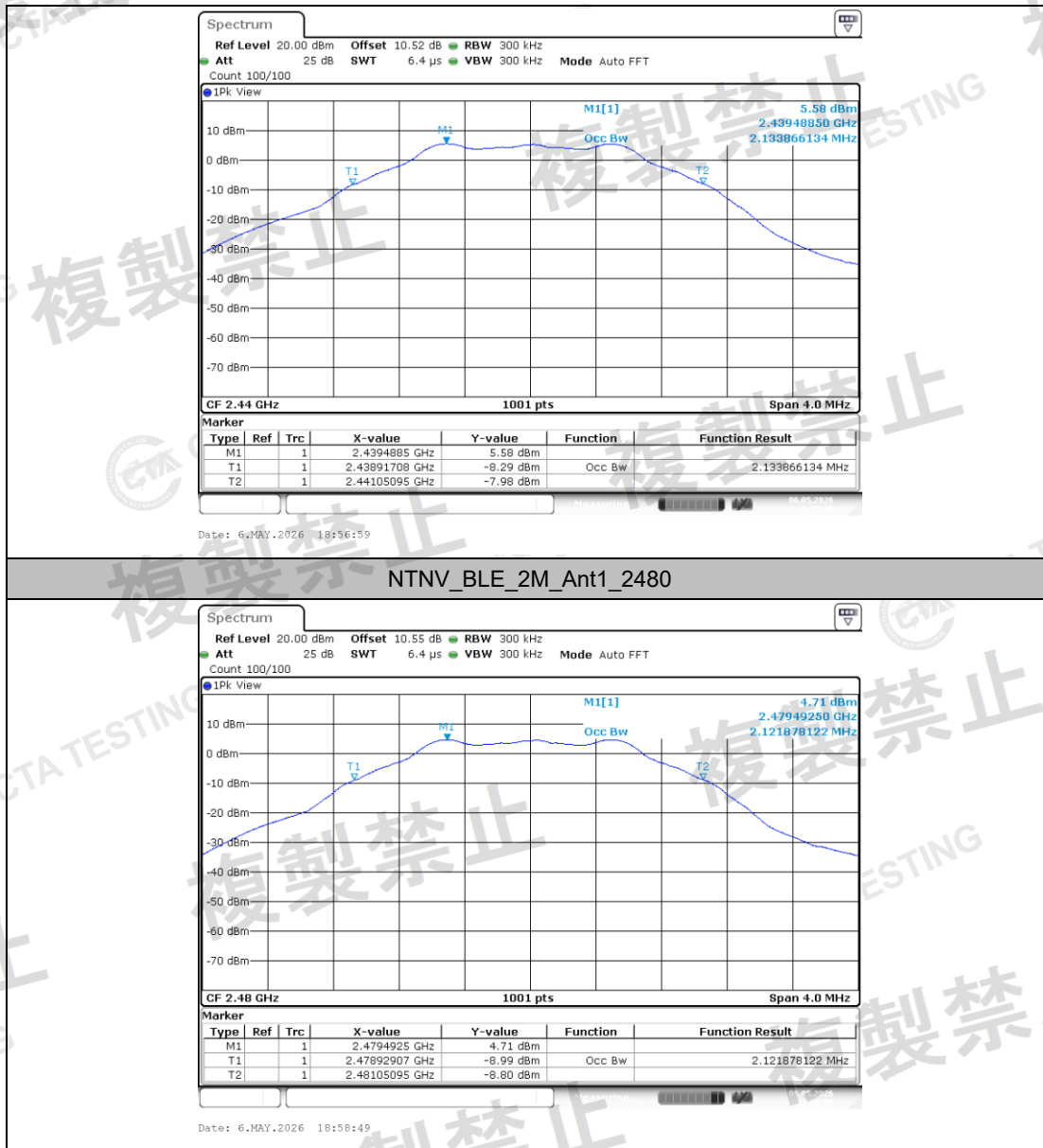
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Appendix C: Spread Bandwidth

Test Result

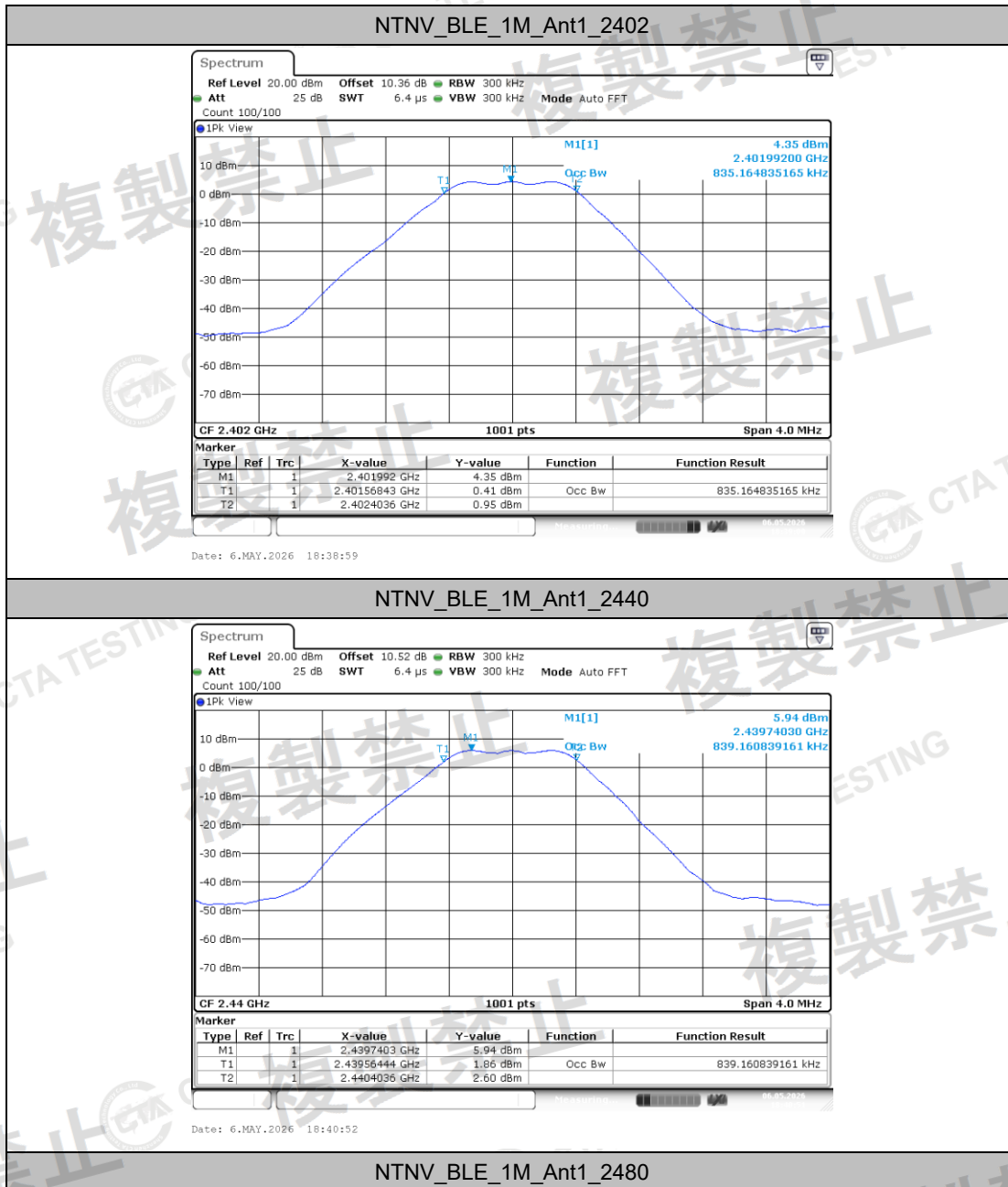
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	0.835	≥ 0.5	PASS
			2440	0.839	≥ 0.5	PASS
			2480	0.823	≥ 0.5	PASS
	BLE_2M	Ant1	2402	1.371	≥ 0.5	PASS
			2440	1.371	≥ 0.5	PASS
			2480	1.371	≥ 0.5	PASS



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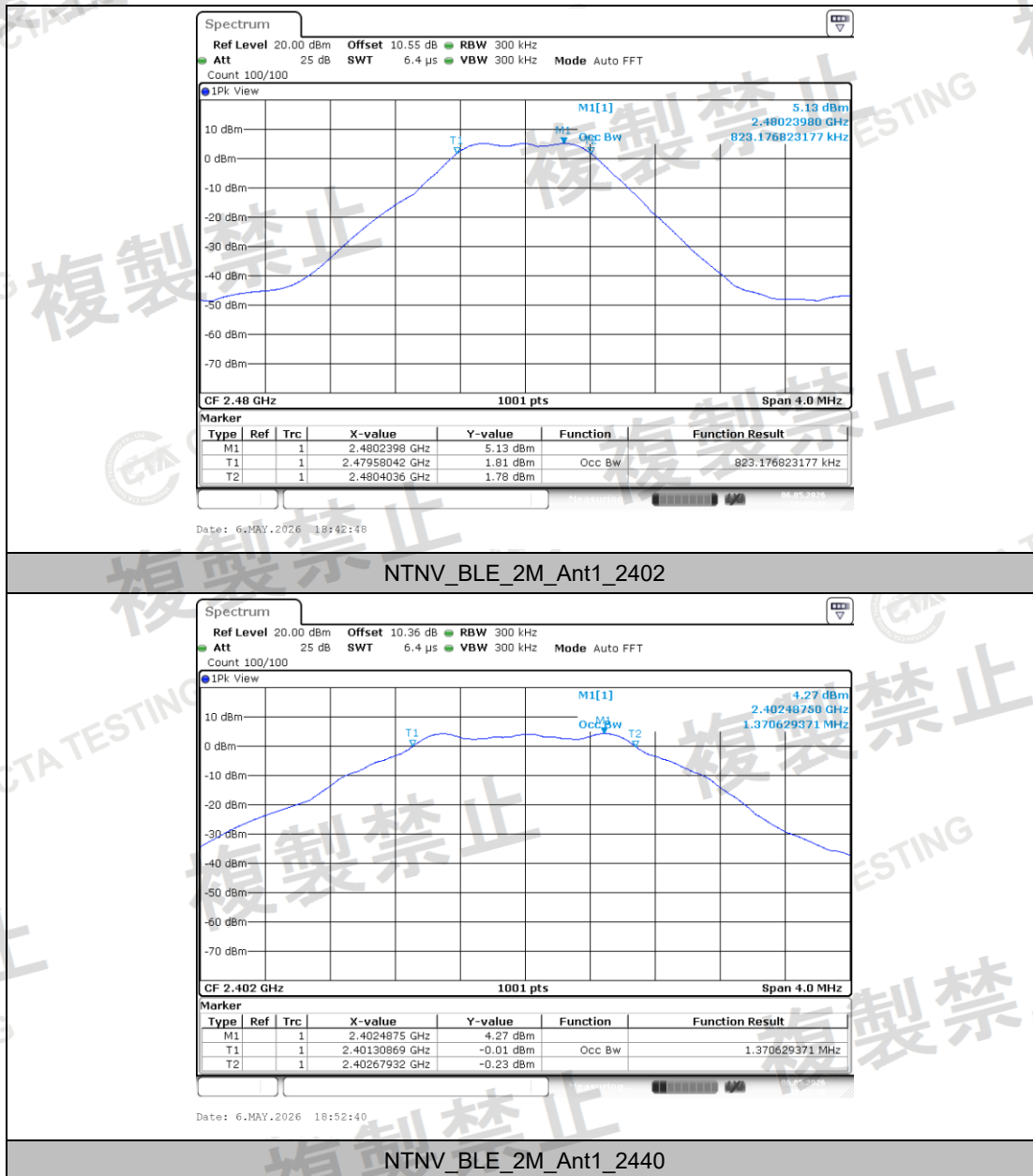
Test Graphs





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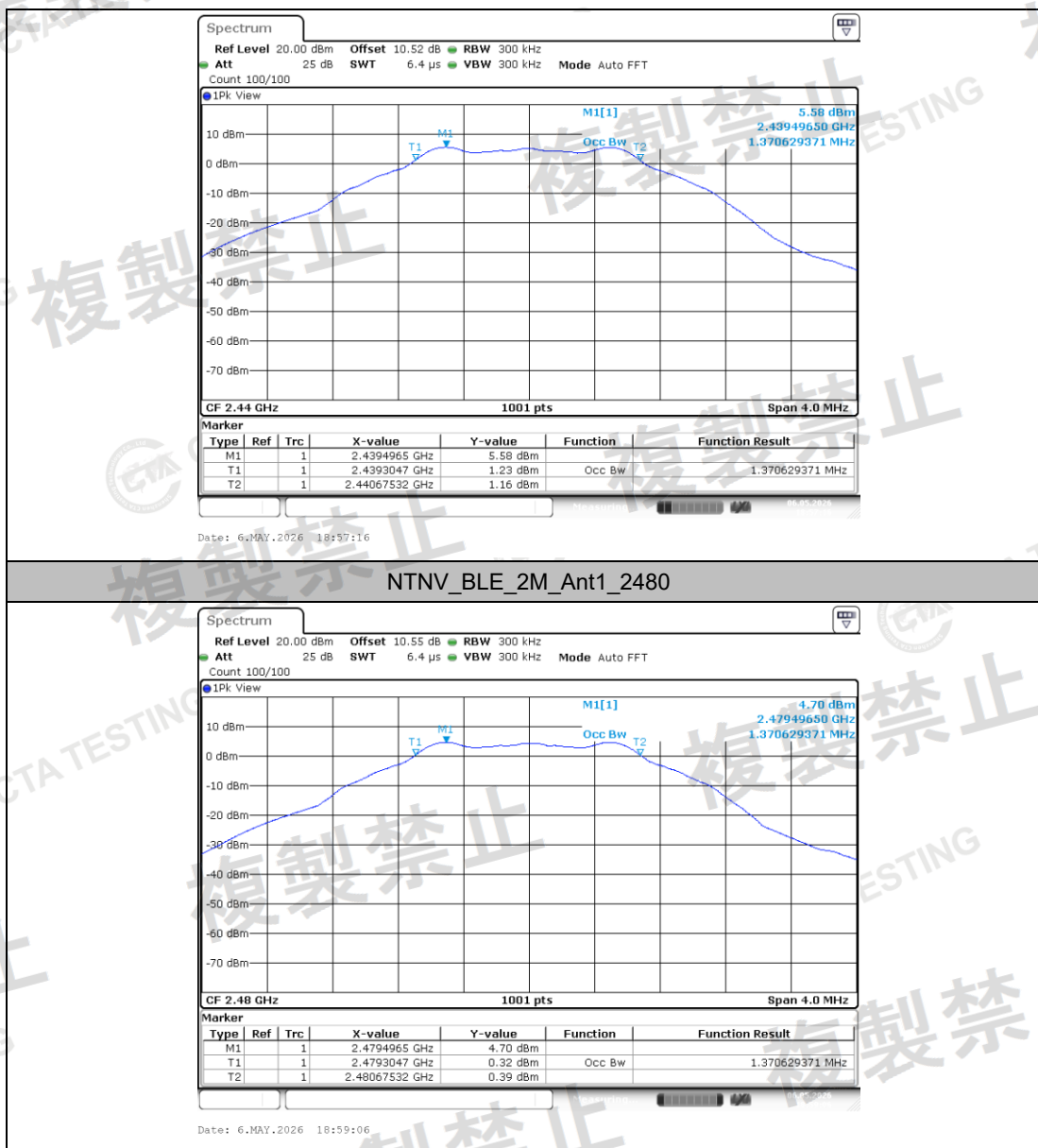
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Appendix D: Spurious Emission of TX

Test Result

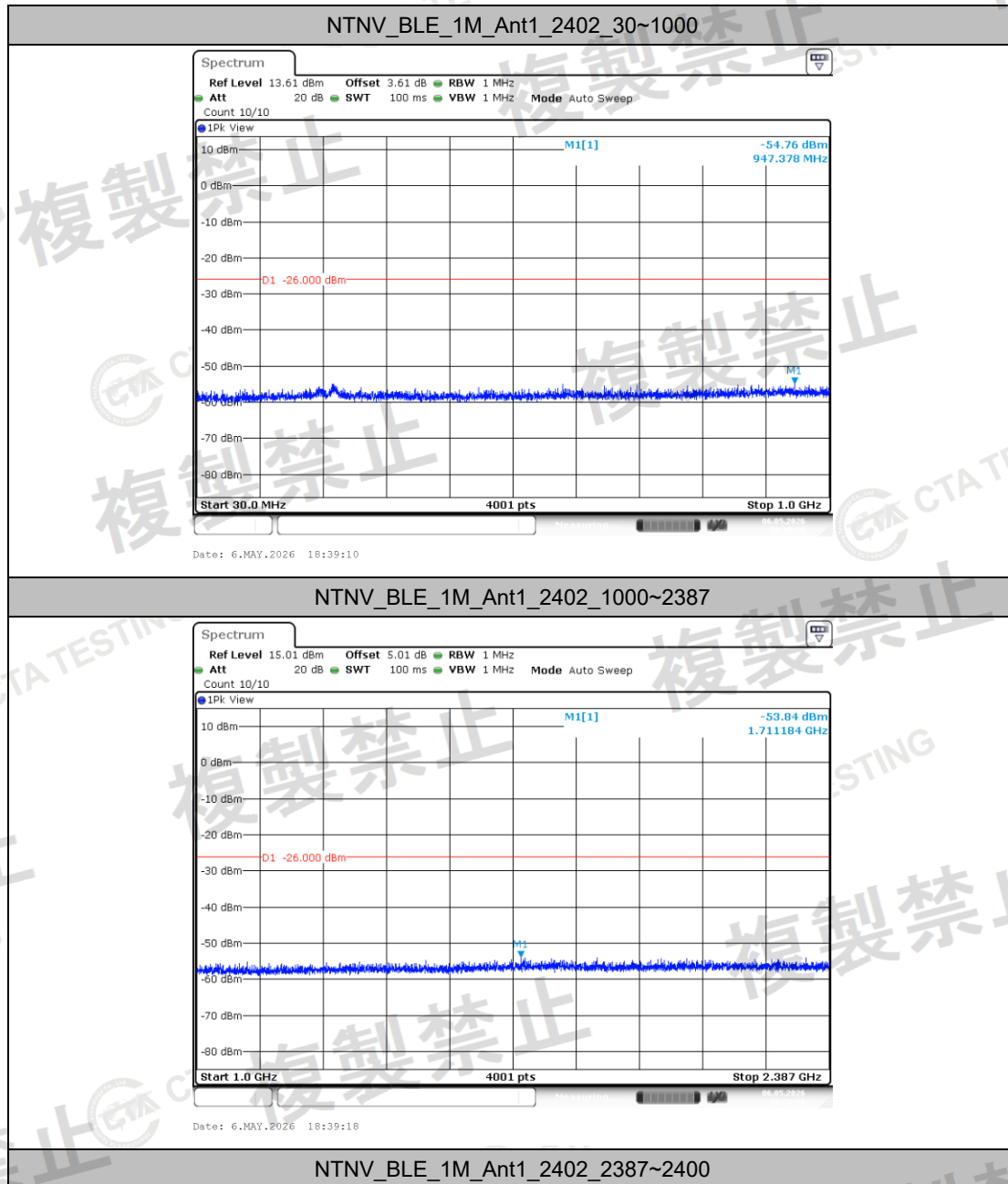
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	947.38	-54.76	≤-26	0.00334	≤2.5	PASS
				1000~2387	1711.18	-53.84	≤-26	0.00413	≤2.5	PASS
				2387~2400	2400.00	-26.72	≤-16	2.12814	≤25	PASS
				2483.5~2496.5	2486.80	-43.29	≤-16	0.04688	≤25	PASS
				2496.5~13000	6360.74	-44.10	≤-26	0.03890	≤2.5	PASS
			2440	30~1000	947.14	-54.27	≤-26	0.00374	≤2.5	PASS
				1000~2387	2050.65	-53.23	≤-26	0.00475	≤2.5	PASS
				2387~2400	2394.79	-43.78	≤-16	0.04188	≤25	PASS
				2483.5~2496.5	2484.29	-43.40	≤-16	0.04571	≤25	PASS
				2496.5~13000	6911.65	-43.37	≤-26	0.04603	≤2.5	PASS
			2480	30~1000	830.74	-54.38	≤-26	0.00365	≤2.5	PASS
				1000~2387	1965.70	-52.51	≤-26	0.00561	≤2.5	PASS
				2387~2400	2397.04	-43.02	≤-16	0.04989	≤25	PASS
				2483.5~2496.5	2483.71	-40.42	≤-16	0.09078	≤25	PASS
				2496.5~13000	5212.71	-43.61	≤-26	0.04355	≤2.5	PASS
	BLE_2M	Ant1	2402	30~1000	830.98	-44.95	≤-26	0.03199	≤2.5	PASS
				1000~2387	1758.34	-53.01	≤-26	0.00500	≤2.5	PASS
				2387~2400	2399.99	-24.02	≤-16	3.96278	≤25	PASS
				2483.5~2496.5	2487.71	-43.36	≤-16	0.04613	≤25	PASS
				2496.5~13000	6975.19	-43.28	≤-26	0.04699	≤2.5	PASS
			2440	30~1000	958.78	-54.90	≤-26	0.00324	≤2.5	PASS
				1000~2387	1719.16	-54.12	≤-26	0.00387	≤2.5	PASS
				2387~2400	2391.44	-42.81	≤-16	0.05236	≤25	PASS
				2483.5~2496.5	2487.69	-43.42	≤-16	0.04550	≤25	PASS
				2496.5~13000	11241.19	-43.91	≤-26	0.04064	≤2.5	PASS
			2480	30~1000	238.55	-54.46	≤-26	0.00358	≤2.5	PASS
				1000~2387	1690.73	-53.23	≤-26	0.00475	≤2.5	PASS
				2387~2400	2389.58	-43.82	≤-16	0.04150	≤25	PASS
				2483.5~2496.5	2486.31	-40.93	≤-16	0.08072	≤25	PASS
				2496.5~13000	5183.82	-42.15	≤-26	0.06095	≤2.5	PASS



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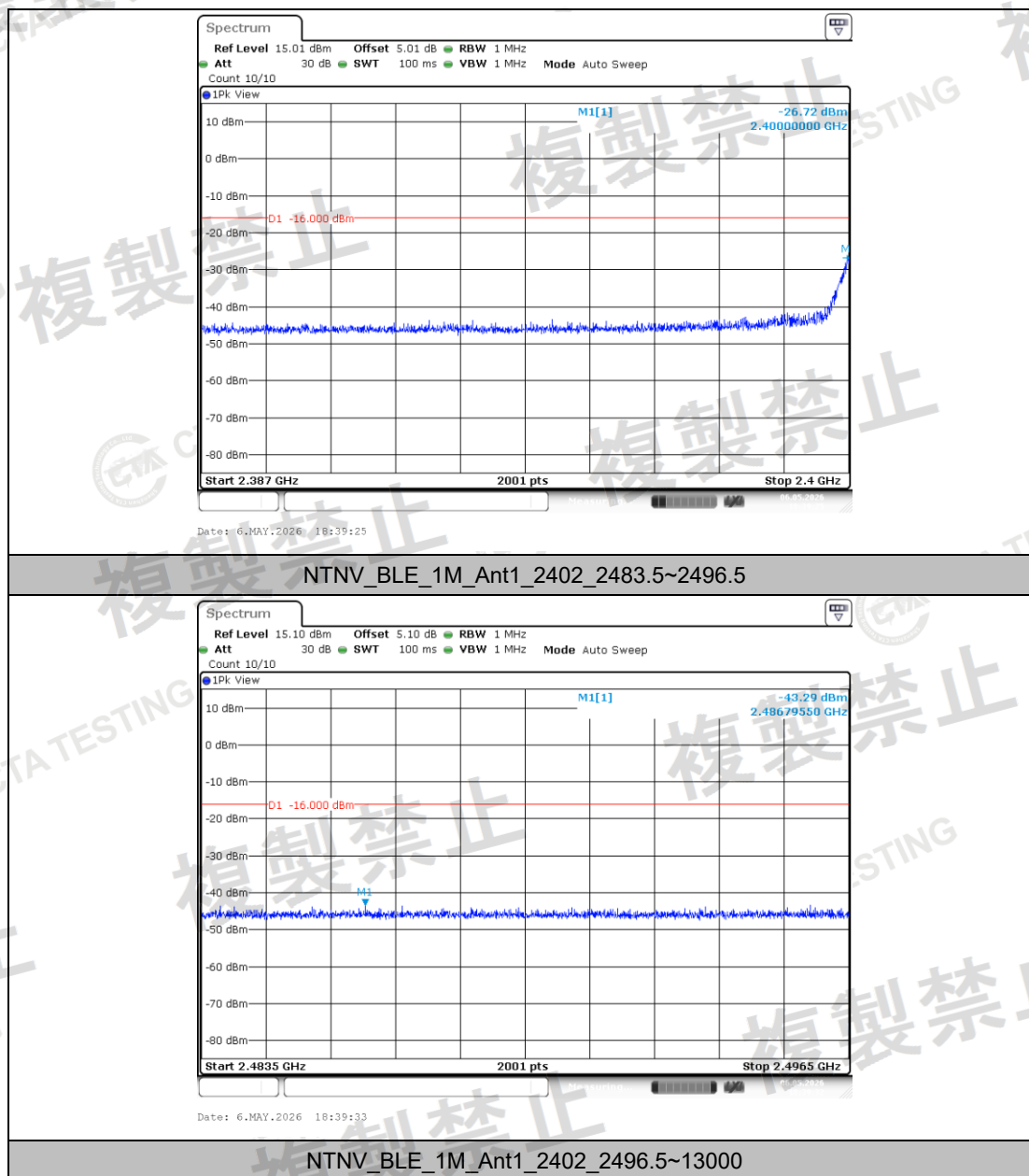
Test Graphs





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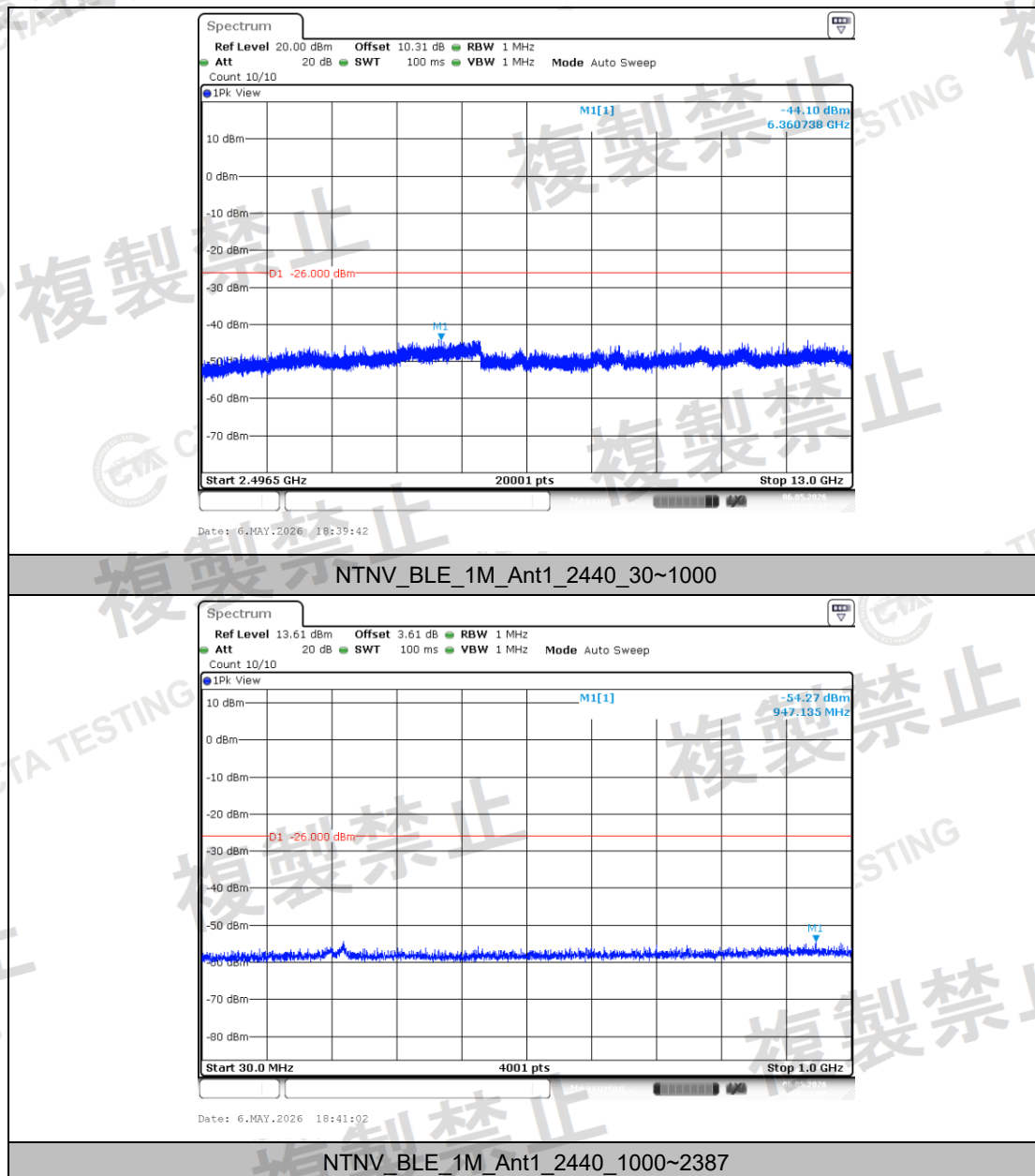
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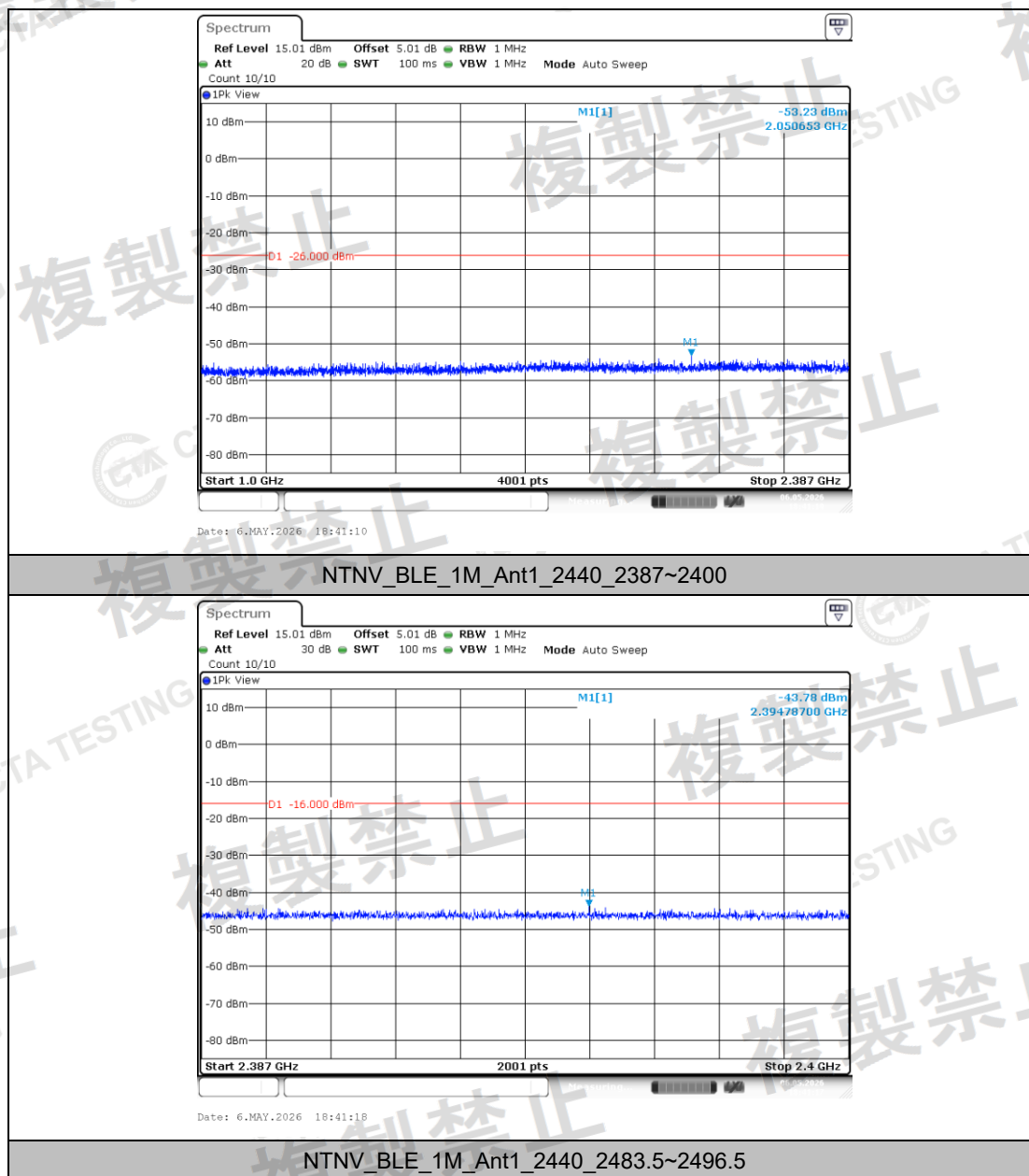
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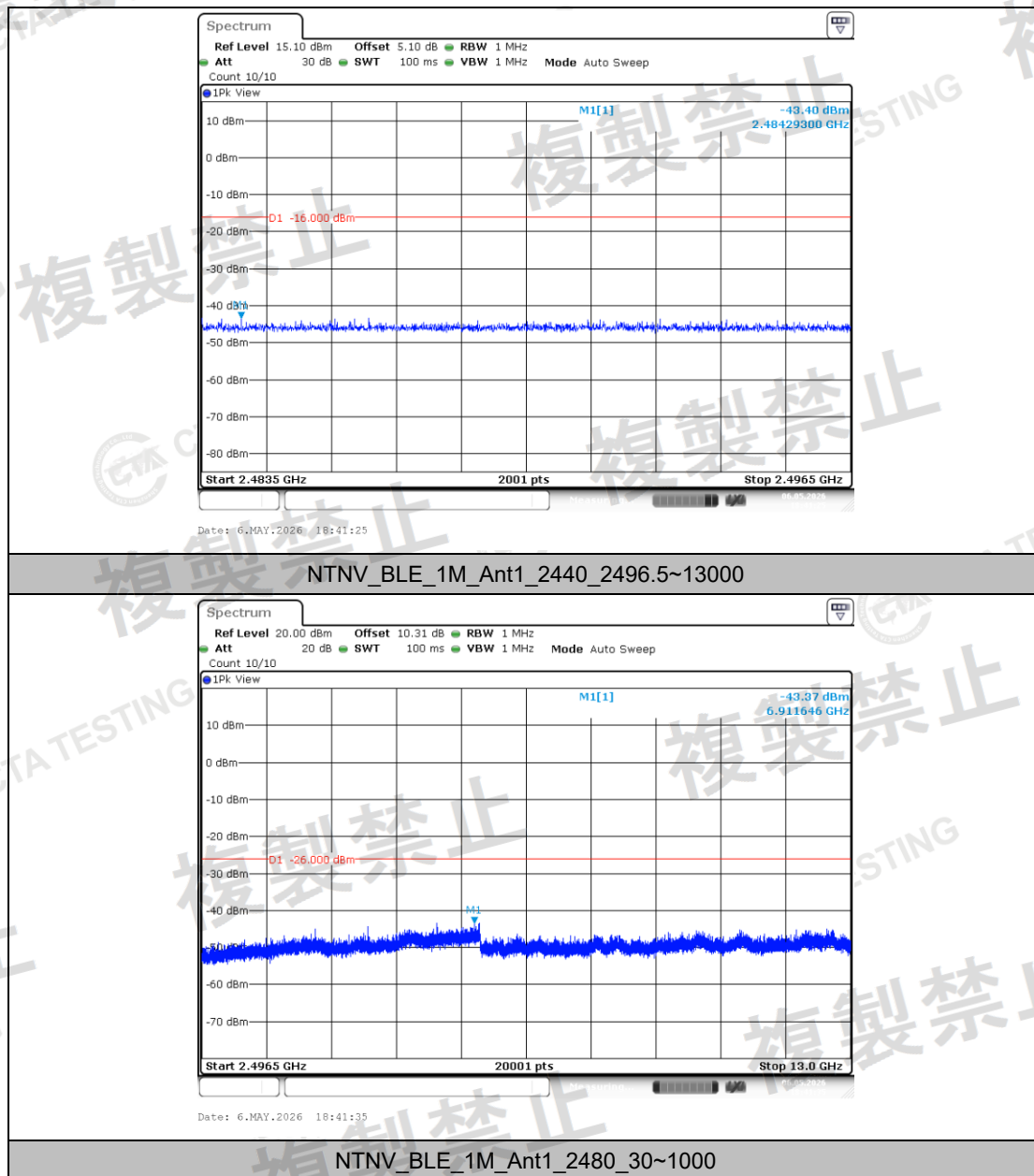
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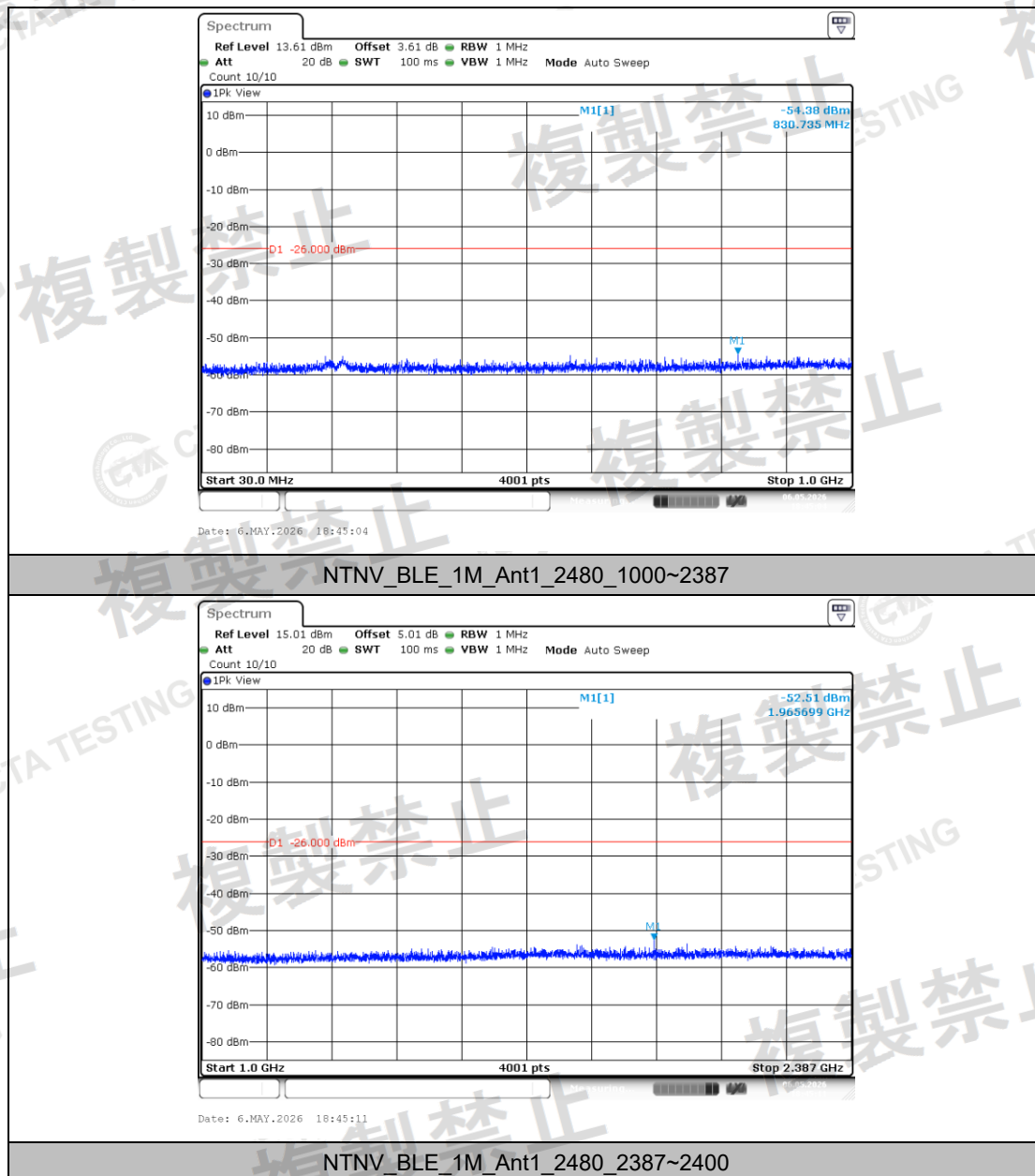
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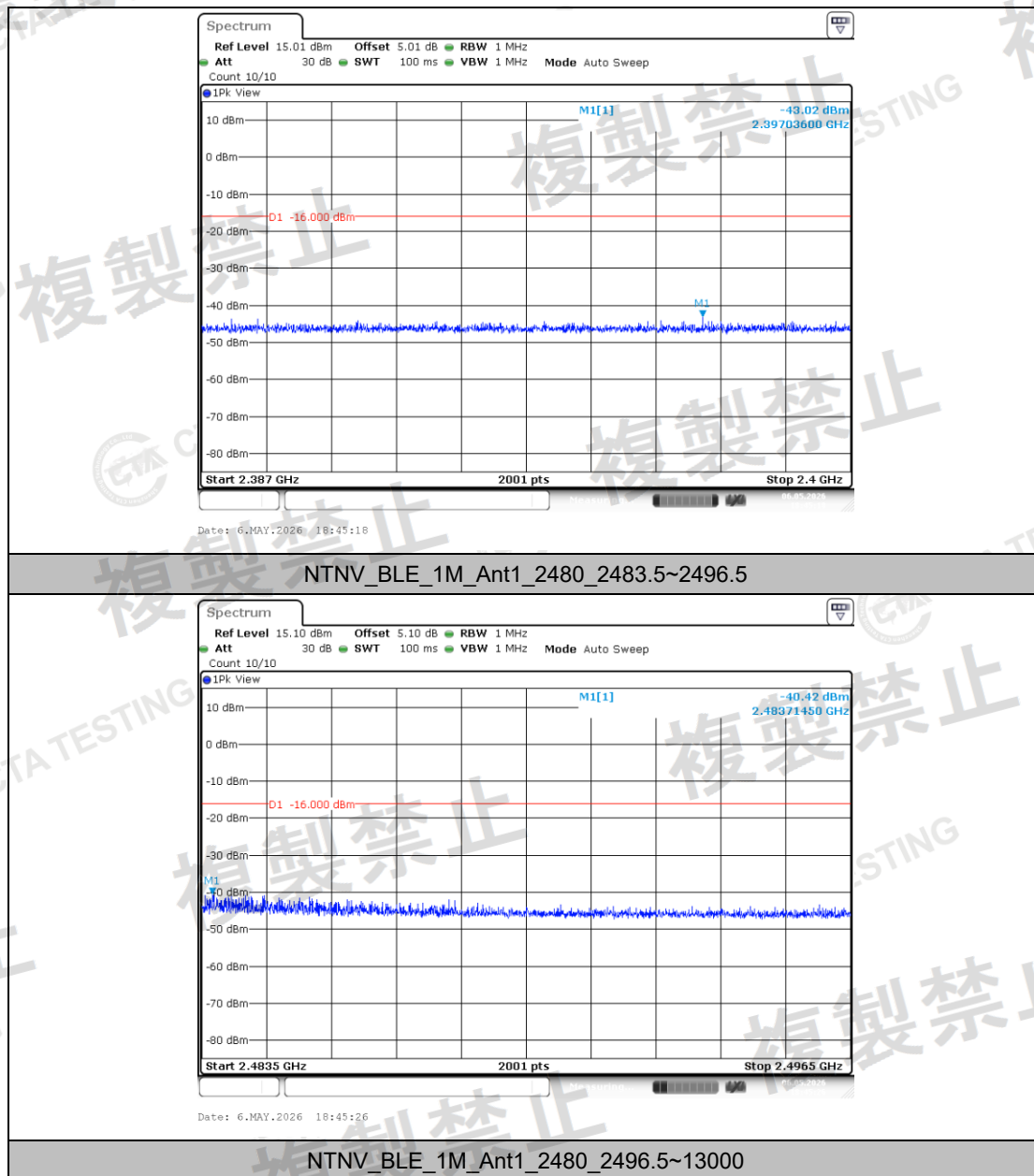
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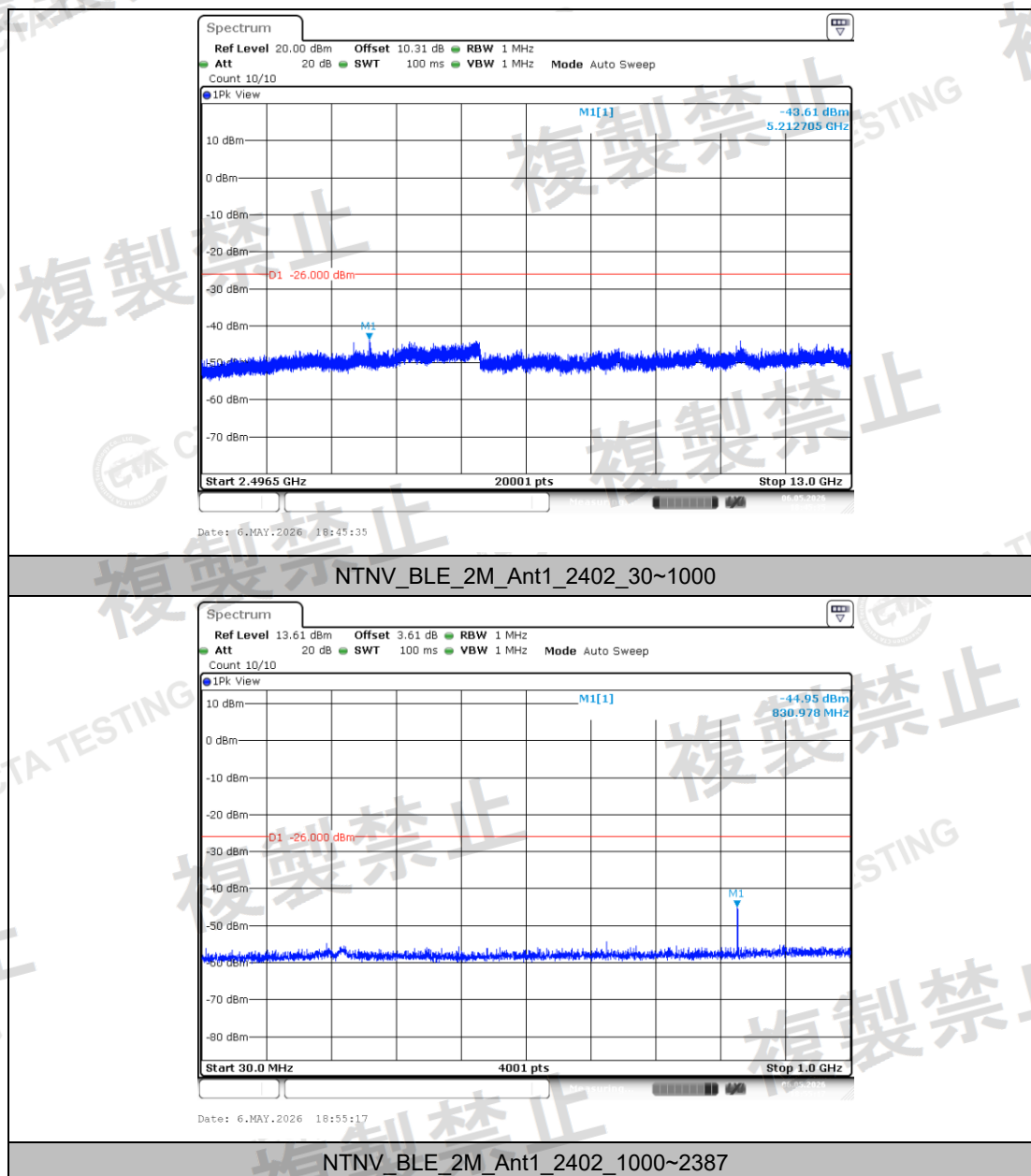
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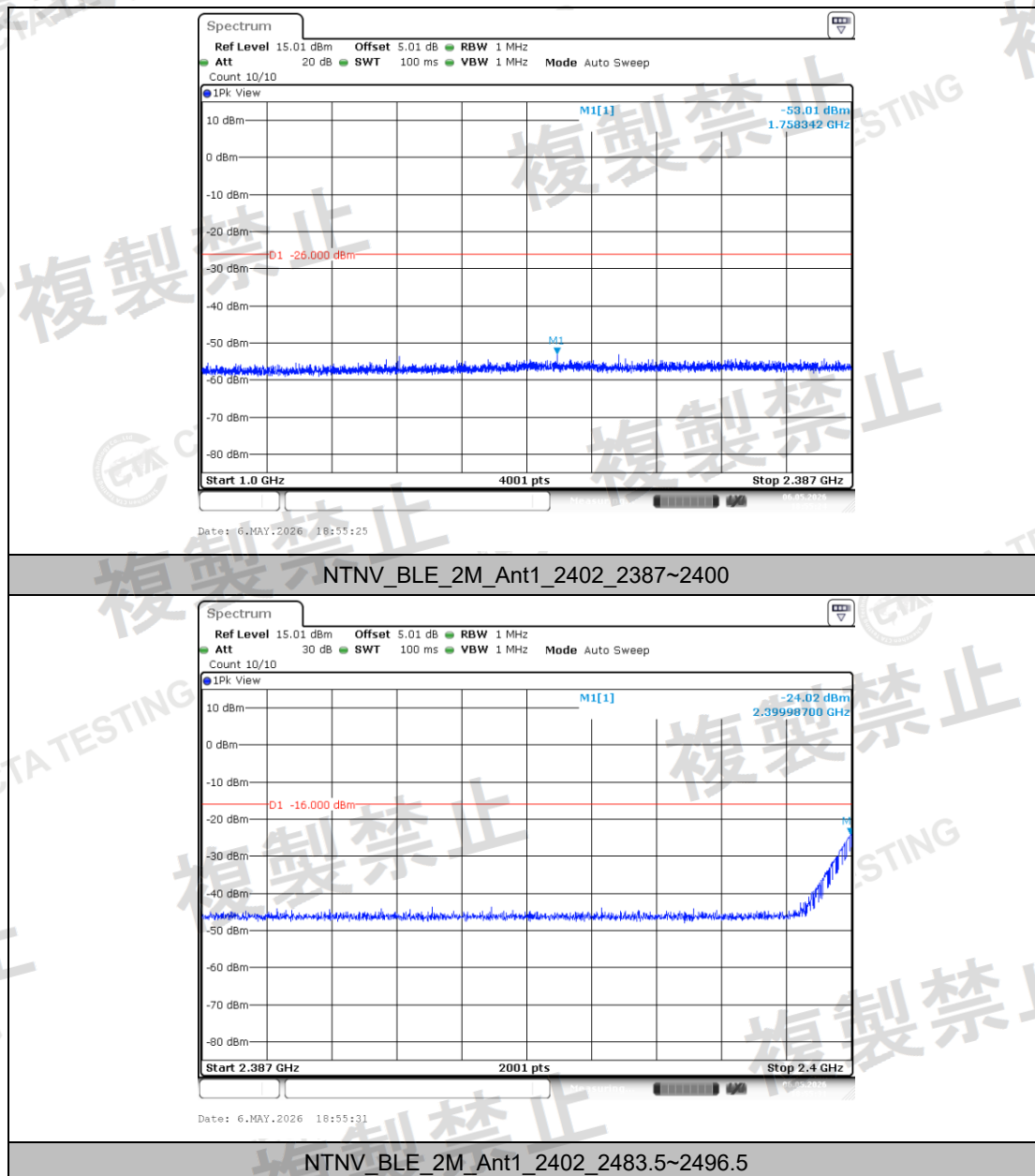
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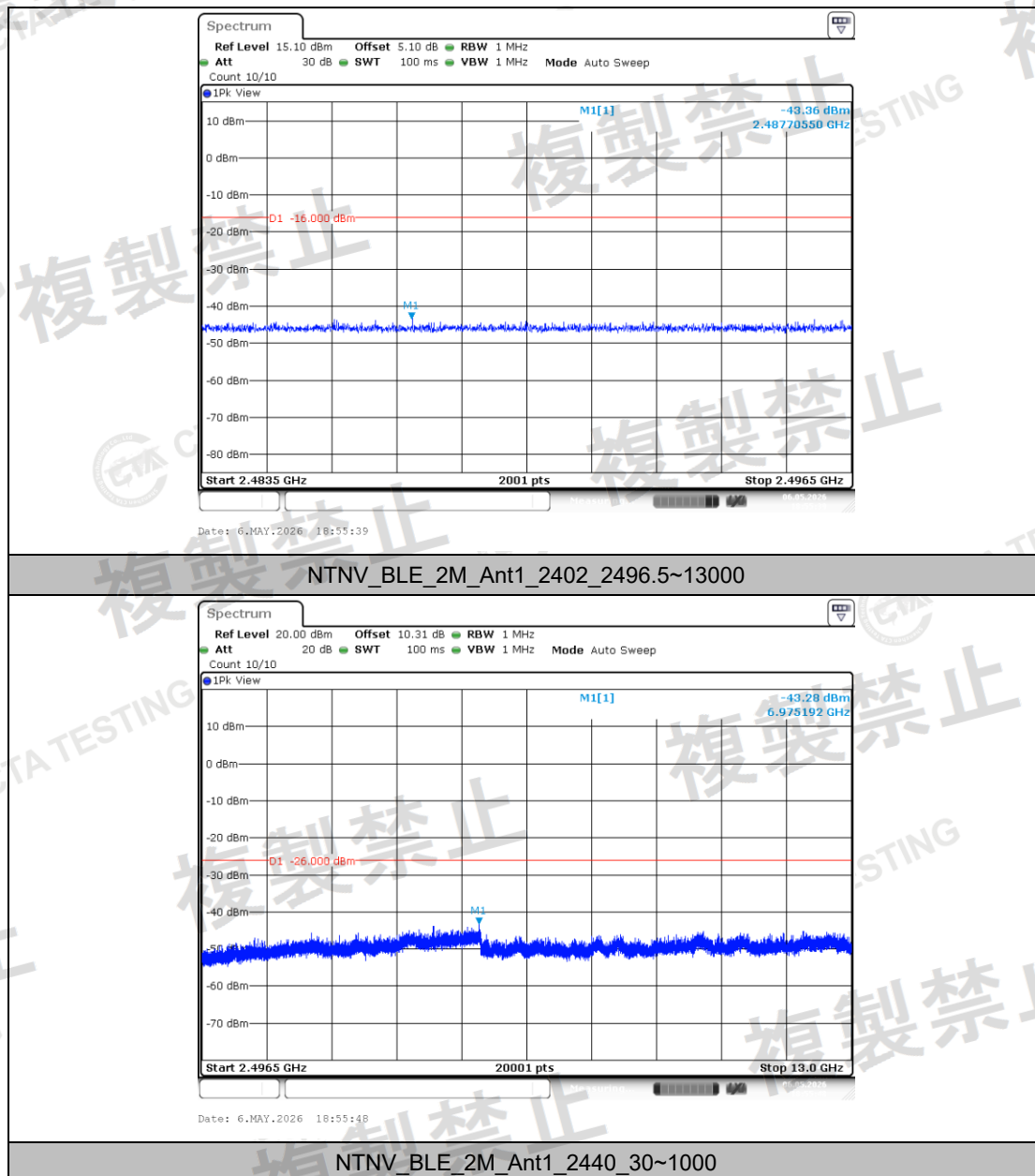
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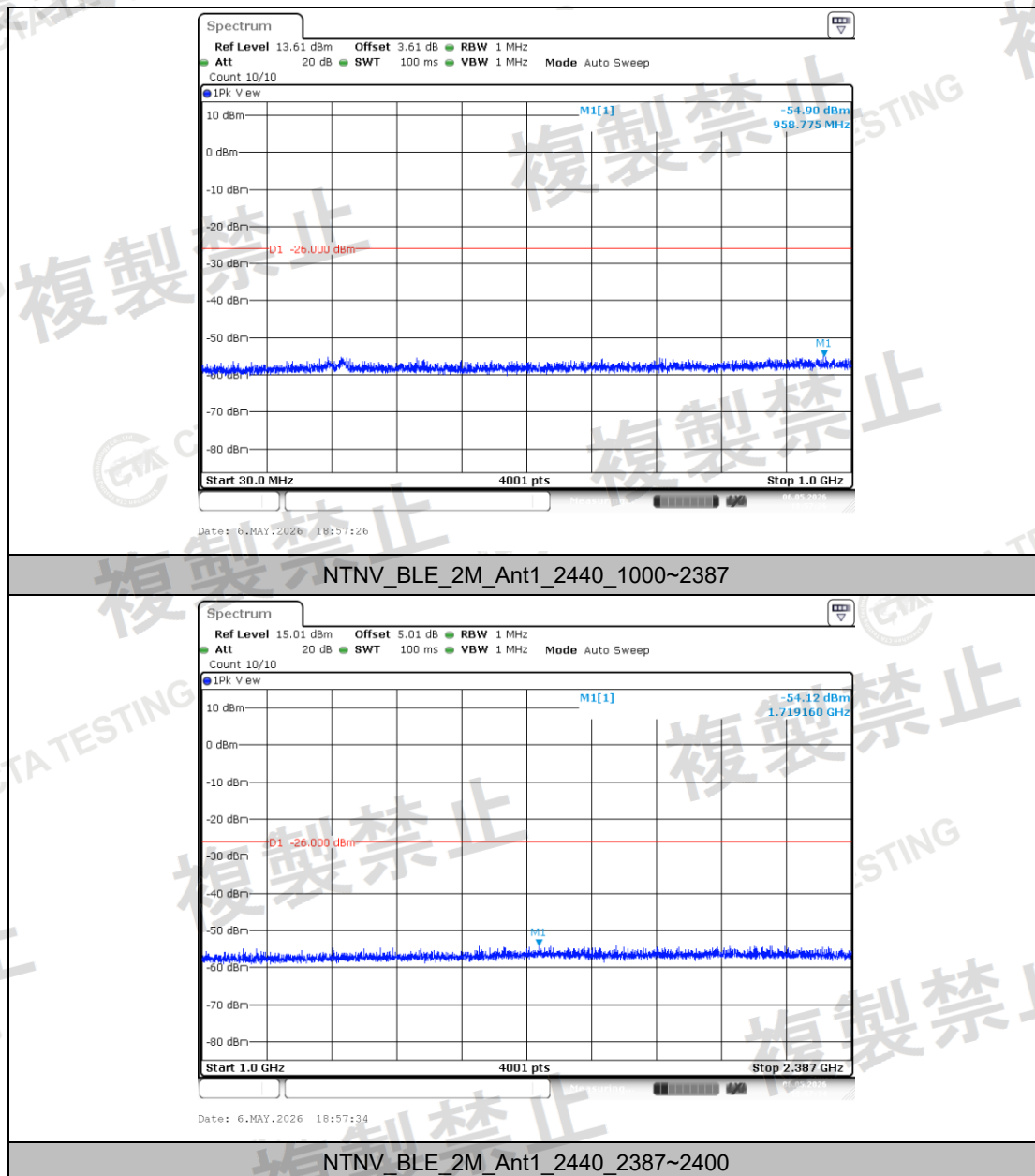
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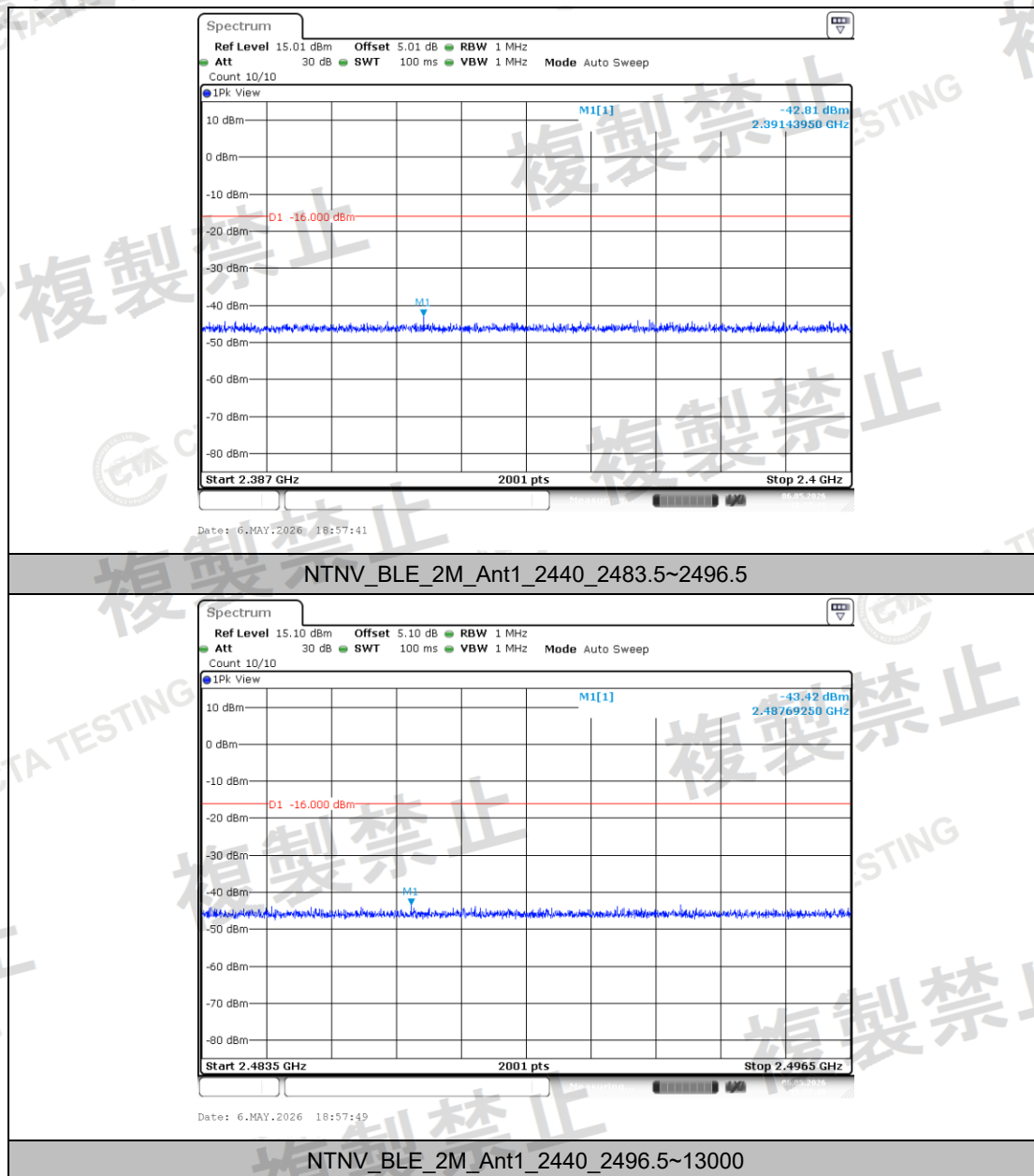
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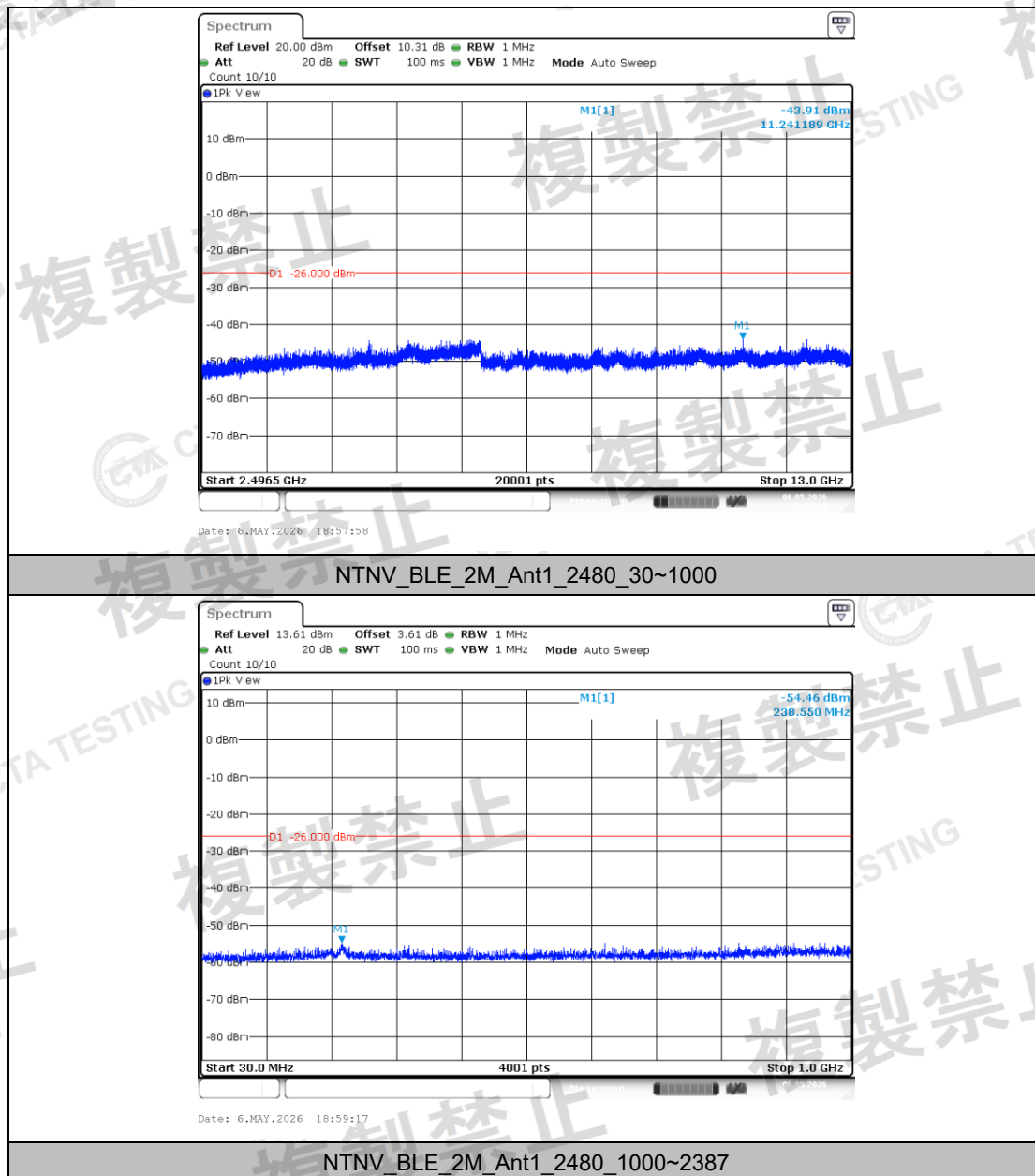
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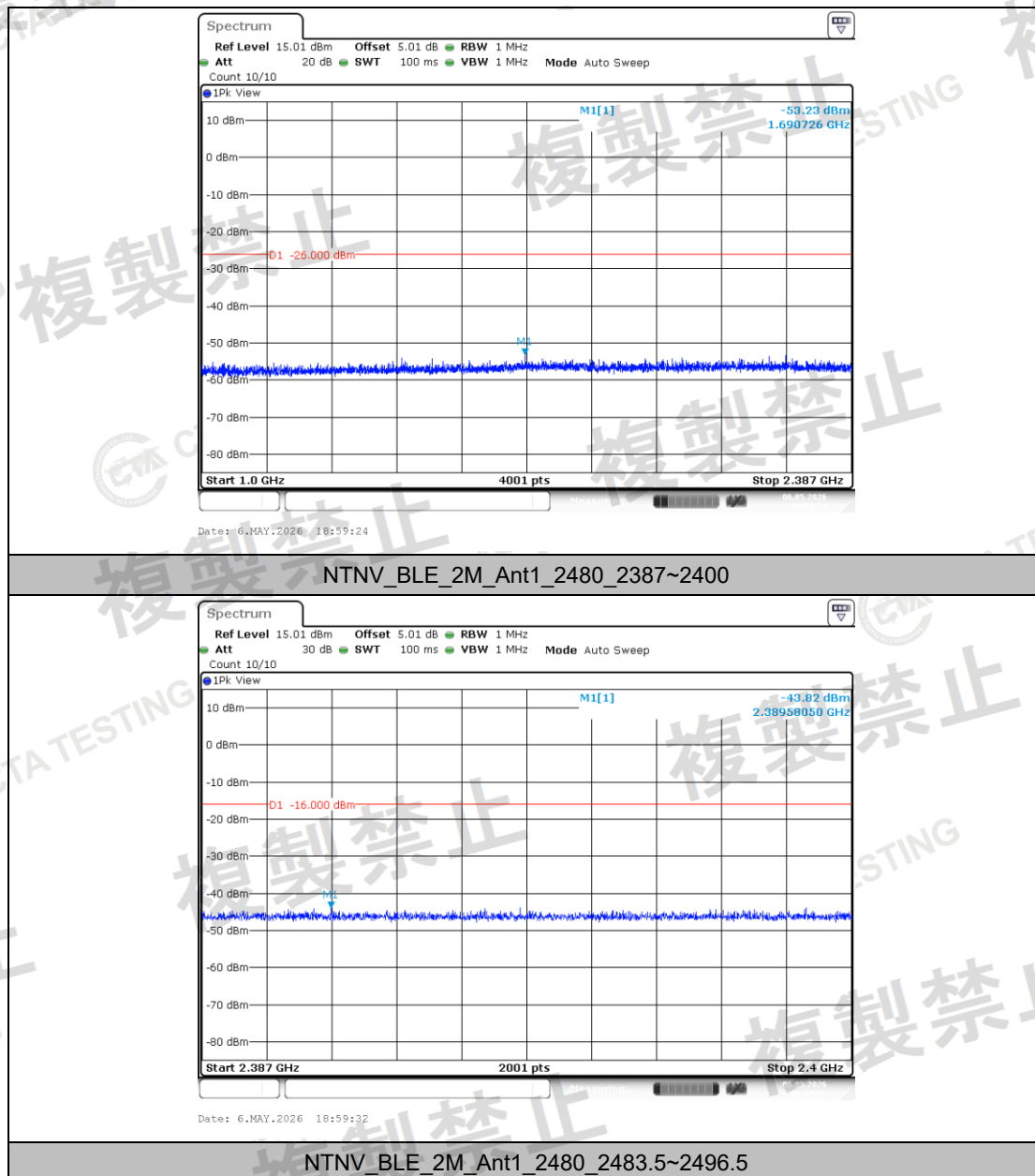
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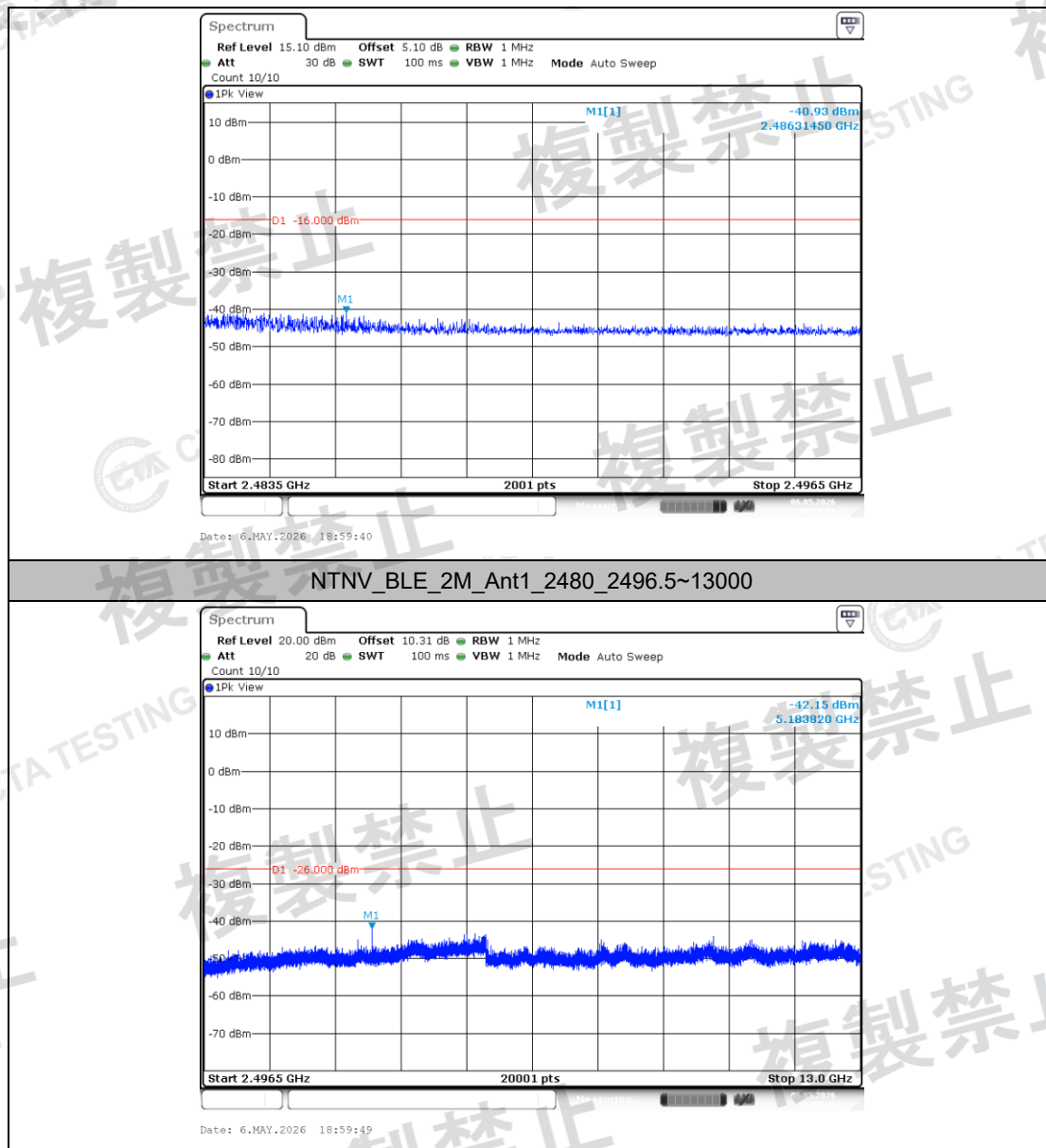
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Appendix E: Spurious Emission of RX

Test Result

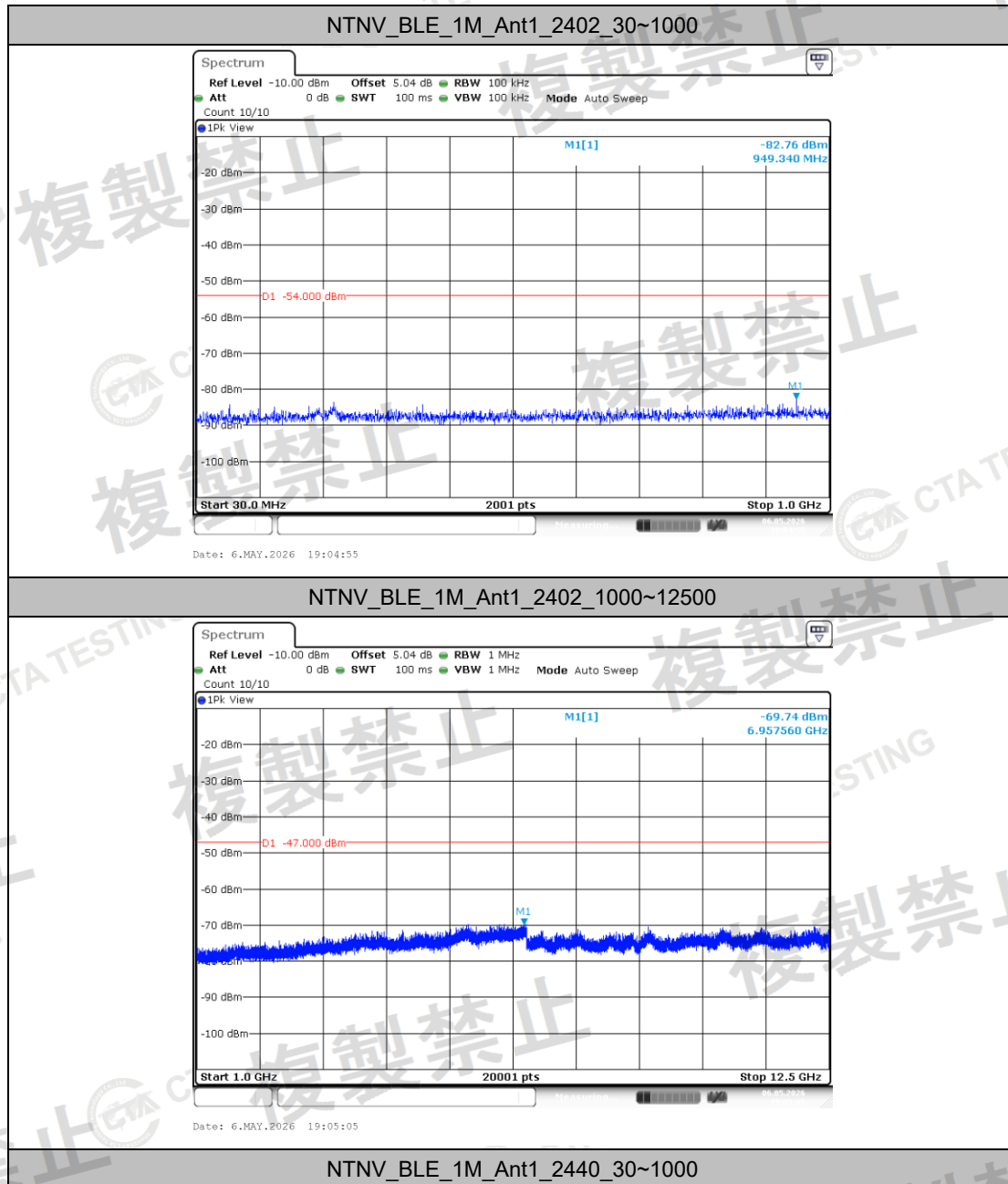
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	949.34	-82.76	≤-54	0.00530	≤4	PASS
				1000~12500	6957.56	-69.74	≤-47	0.10617	≤20	PASS
			2440	30~1000	950.80	-84.13	≤-54	0.00386	≤4	PASS
				1000~12500	6966.19	-68.15	≤-47	0.15311	≤20	PASS
			2480	30~1000	675.94	-83.72	≤-54	0.00425	≤4	PASS
				1000~12500	5800.15	-68.88	≤-47	0.12942	≤20	PASS
	BLE_2M	Ant1	2402	30~1000	896.50	-83.81	≤-54	0.00416	≤4	PASS
				1000~12500	6632.71	-69.20	≤-47	0.12023	≤20	PASS
			2440	30~1000	221.72	-83.50	≤-54	0.00447	≤4	PASS
				1000~12500	6792.55	-68.84	≤-47	0.13062	≤20	PASS
			2480	30~1000	821.37	-84.02	≤-54	0.00396	≤4	PASS
				1000~12500	6448.14	-68.97	≤-47	0.12677	≤20	PASS



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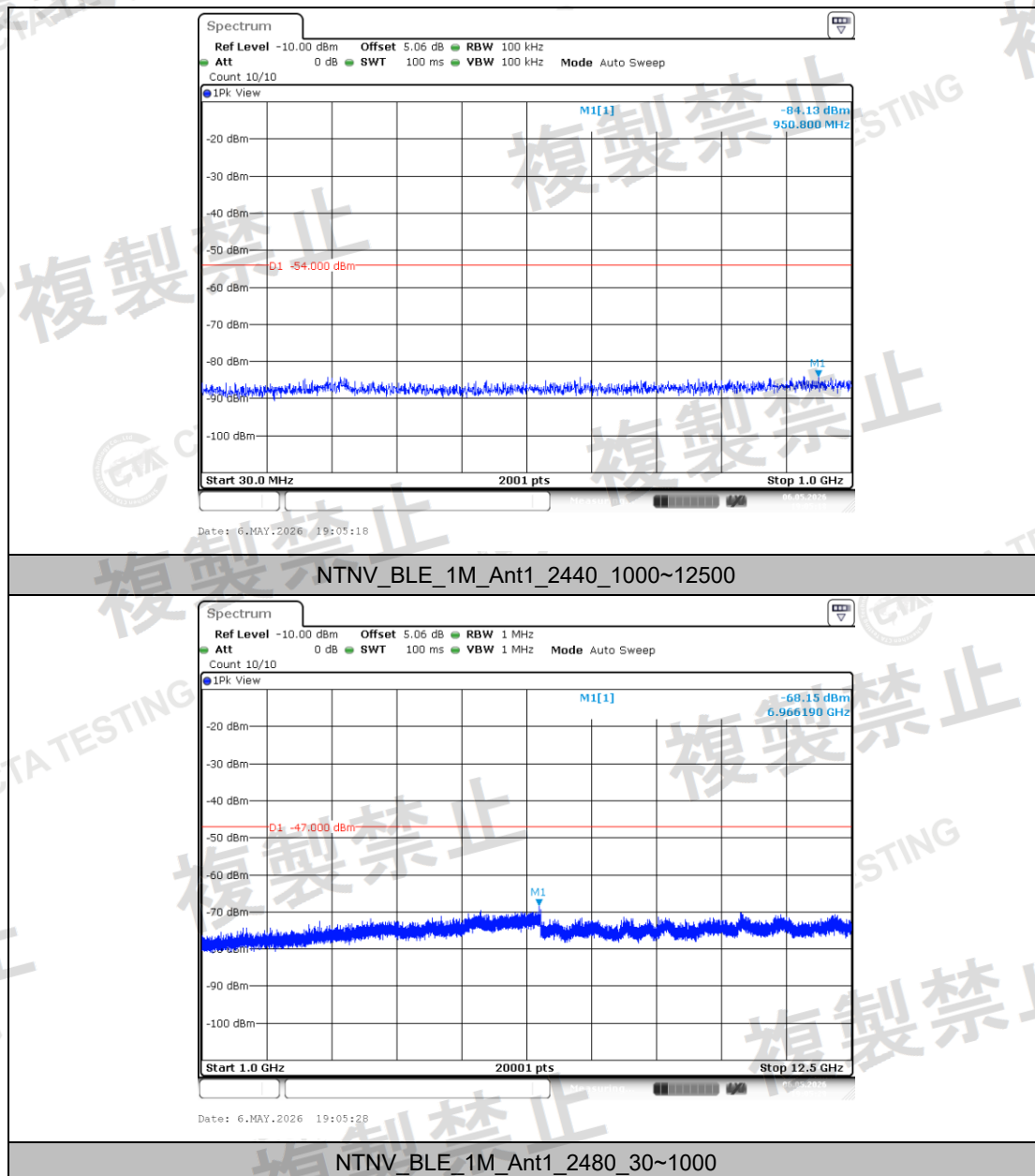
Test Graphs





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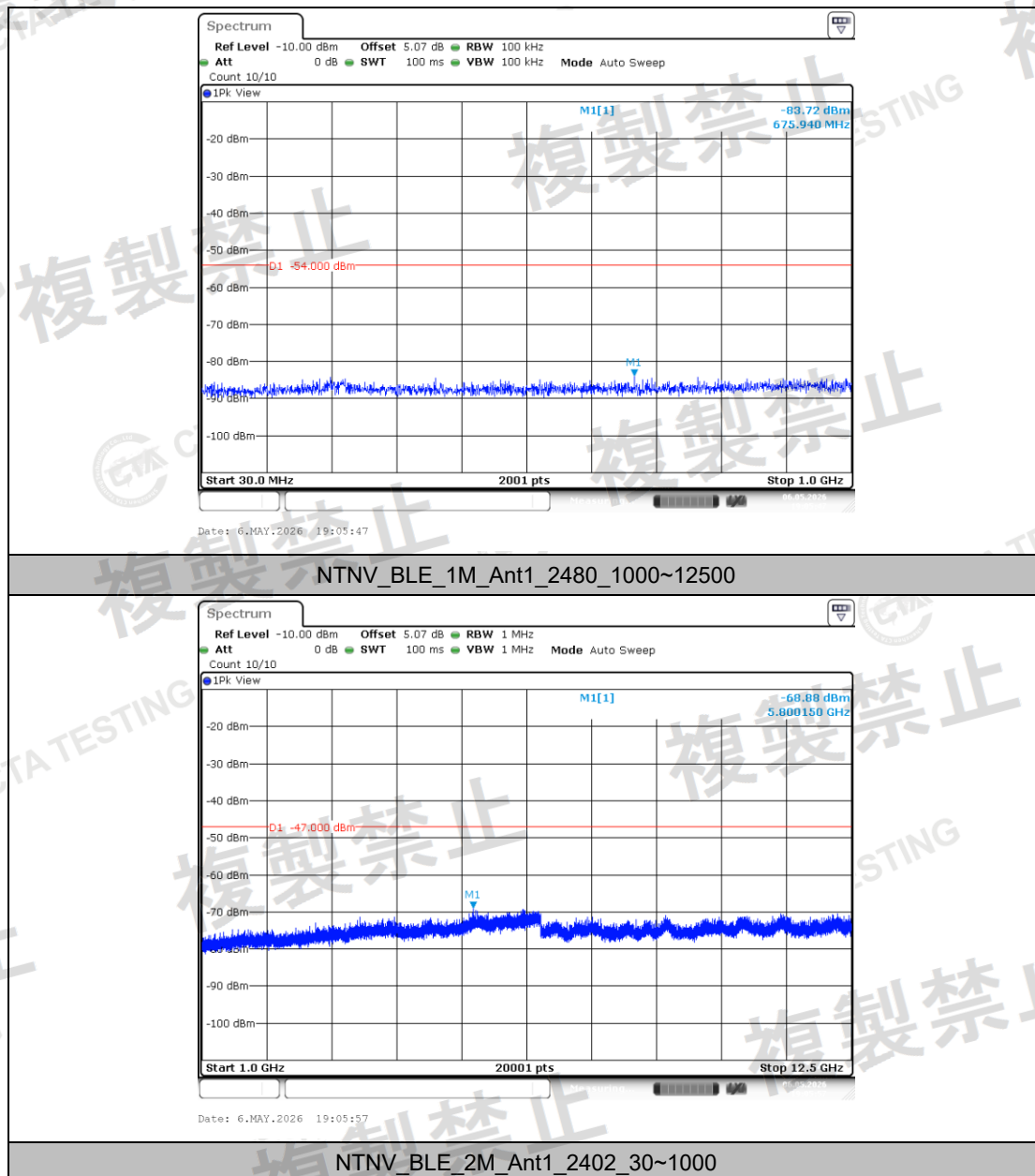
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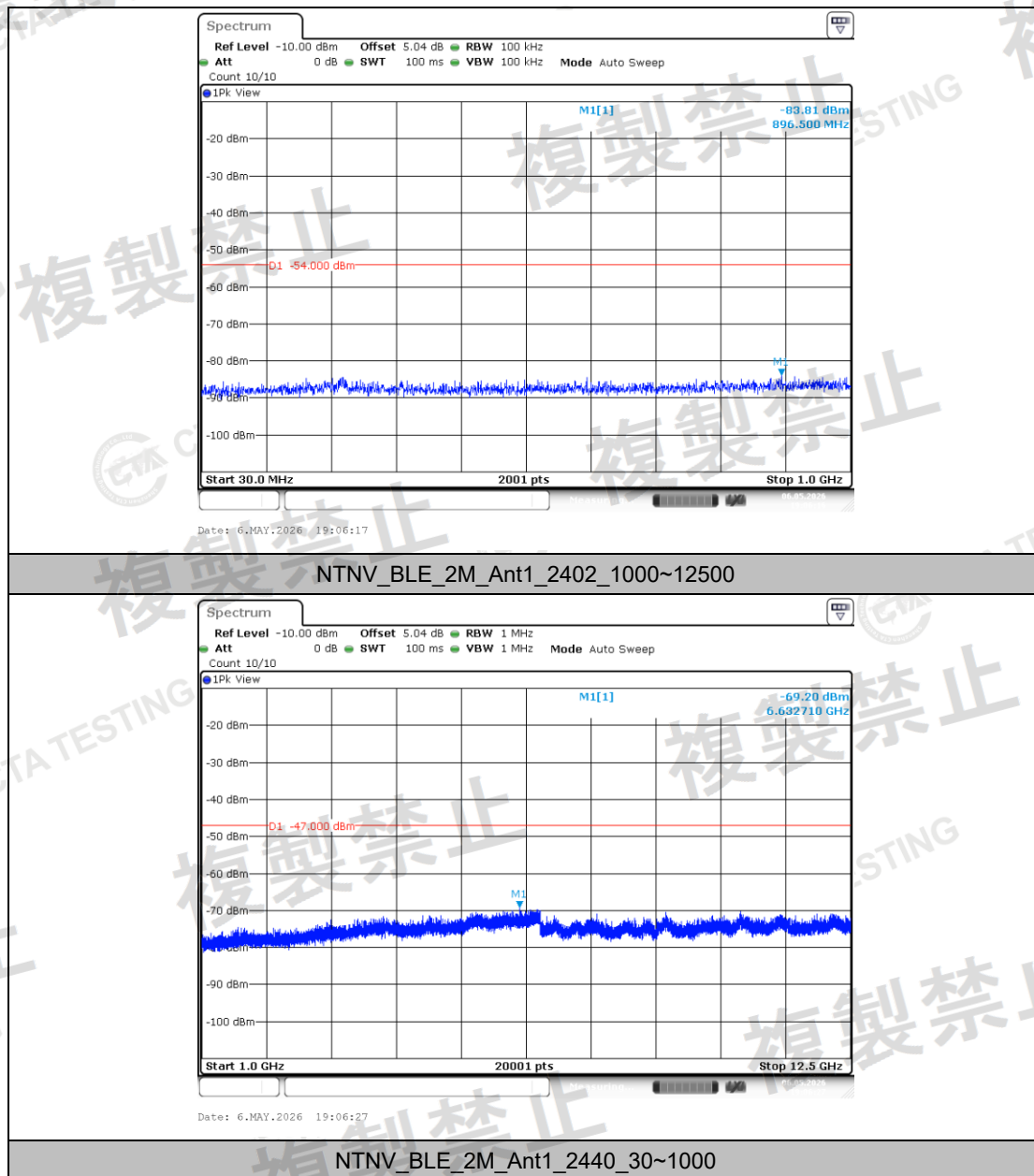
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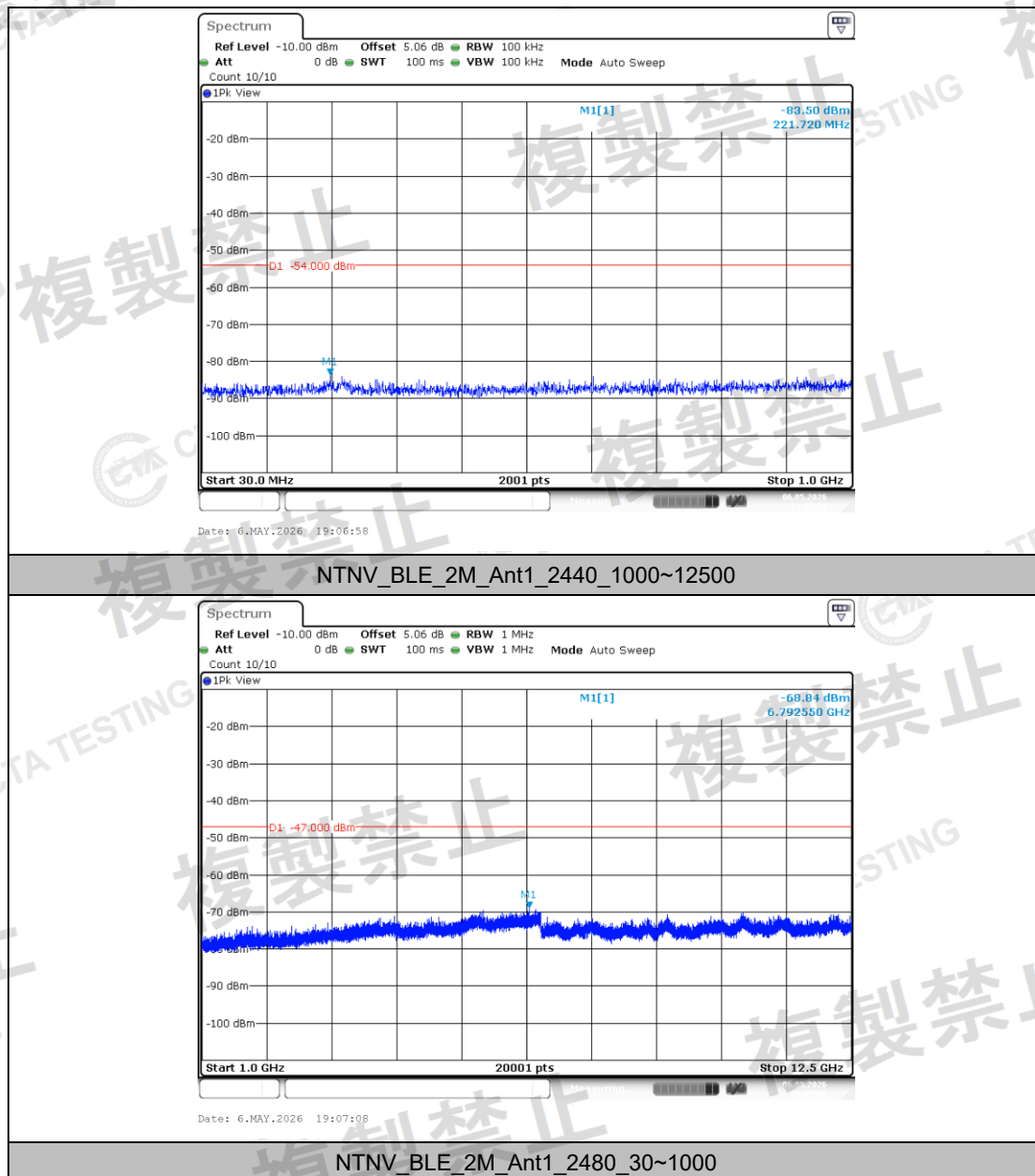
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