



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

Company : Acer Gadget Inc.

EUT : Wireless gaming headset

Model Number : OHR632

Report No. : CTA26042200401

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	4.49209	±50	PASS
			2440	4.42213	±50	PASS
			2480	4.47177	±50	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTLV	BLE_1M	Ant1	2402	4.26714	±50	PASS
			2440	4.20369	±50	PASS
			2480	4.13965	±50	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTHV	BLE_1M	Ant1	2402	4.23895	±50	PASS
			2440	4.21106	±50	PASS
			2480	4.20473	±50	PASS

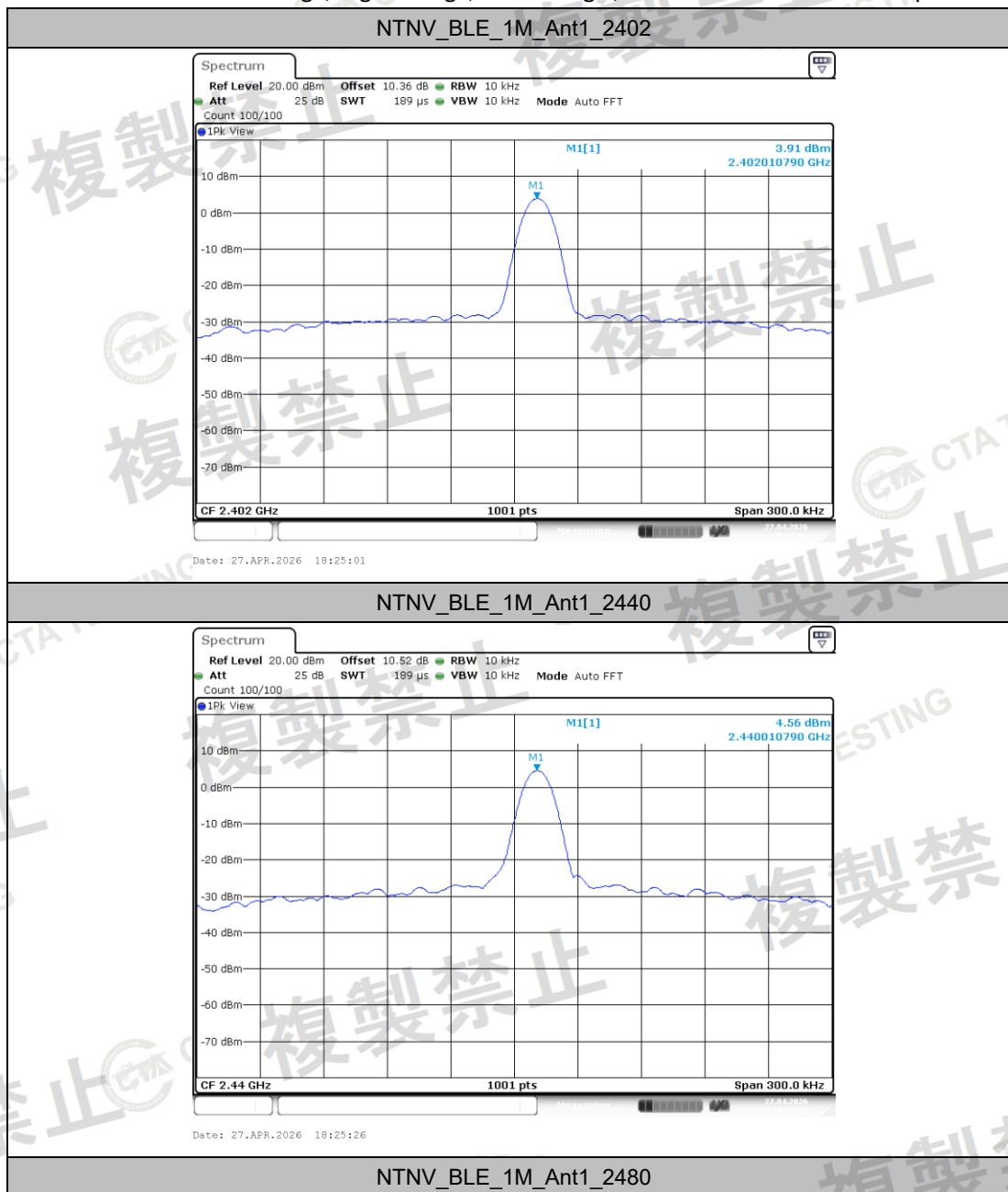


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Test Graphs

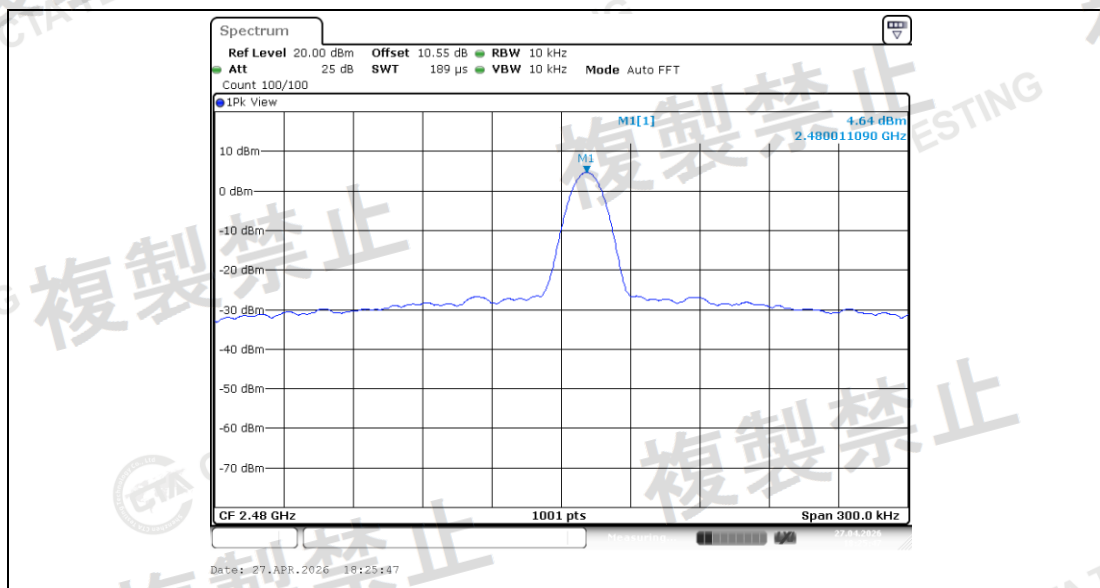
Note: We test Normal Voltage, High Voltage, Low Voltage, and recorded the worst test plot.





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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	1.255	≤26	PASS
			2440	1.243	≤26	PASS
			2480	1.207	≤26	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTLV	BLE_1M	Ant1	2402	1.252	≤26	PASS
			2440	1.238	≤26	PASS
			2480	1.202	≤26	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTHV	BLE_1M	Ant1	2402	1.254	≤26	PASS
			2440	1.239	≤26	PASS
			2480	1.201	≤26	PASS

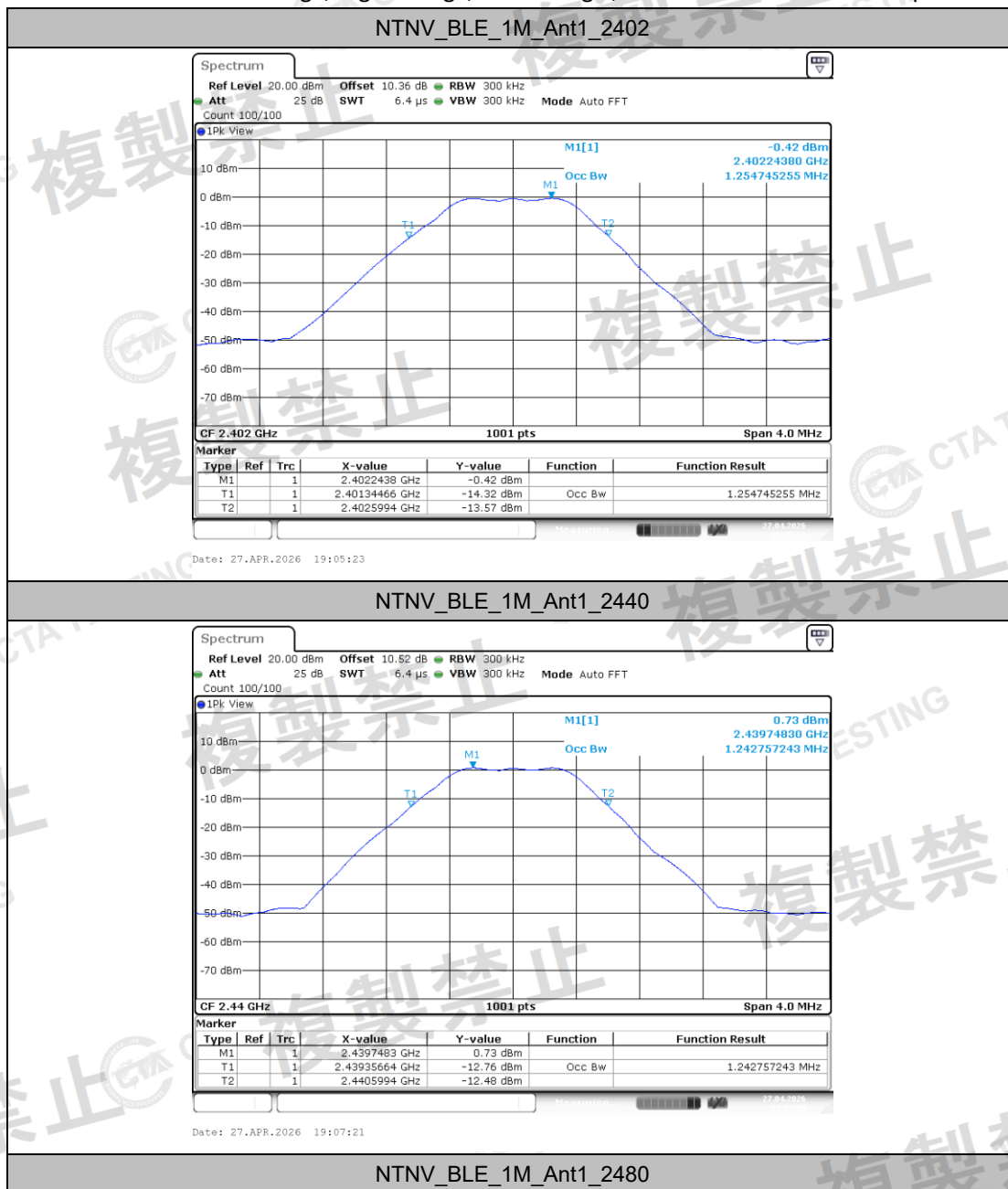


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Test Graphs

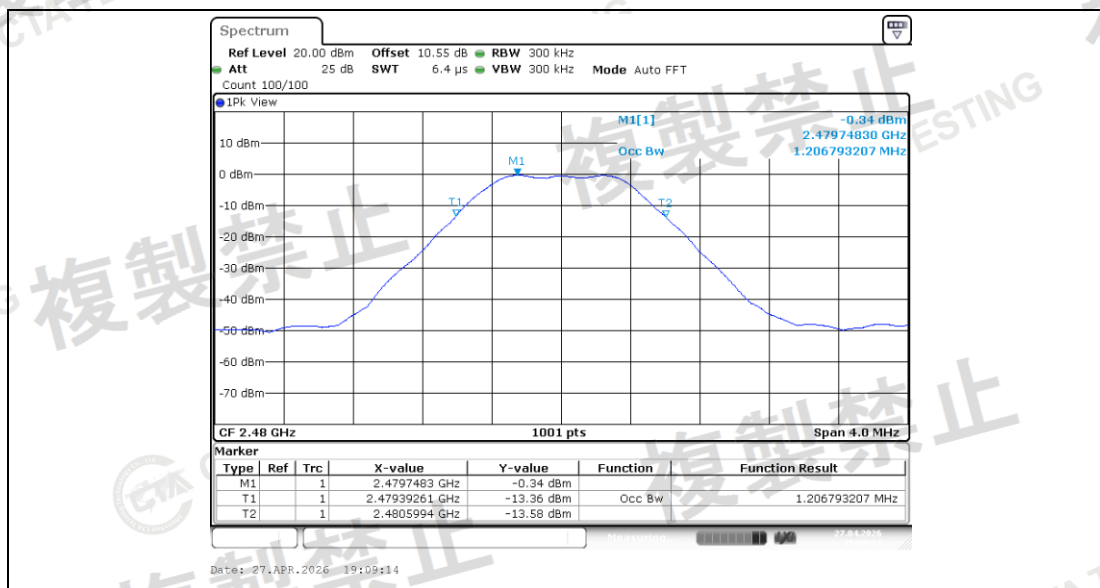
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Appendix C: Spread Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	0.831	≥0.5	PASS
			2440	0.835	≥0.5	PASS
			2480	0.831	≥0.5	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTLV	BLE_1M	Ant1	2402	0.827	≥0.5	PASS
			2440	0.833	≥0.5	PASS
			2480	0.825	≥0.5	PASS

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTHV	BLE_1M	Ant1	2402	0.826	≥0.5	PASS
			2440	0.831	≥0.5	PASS
			2480	0.827	≥0.5	PASS

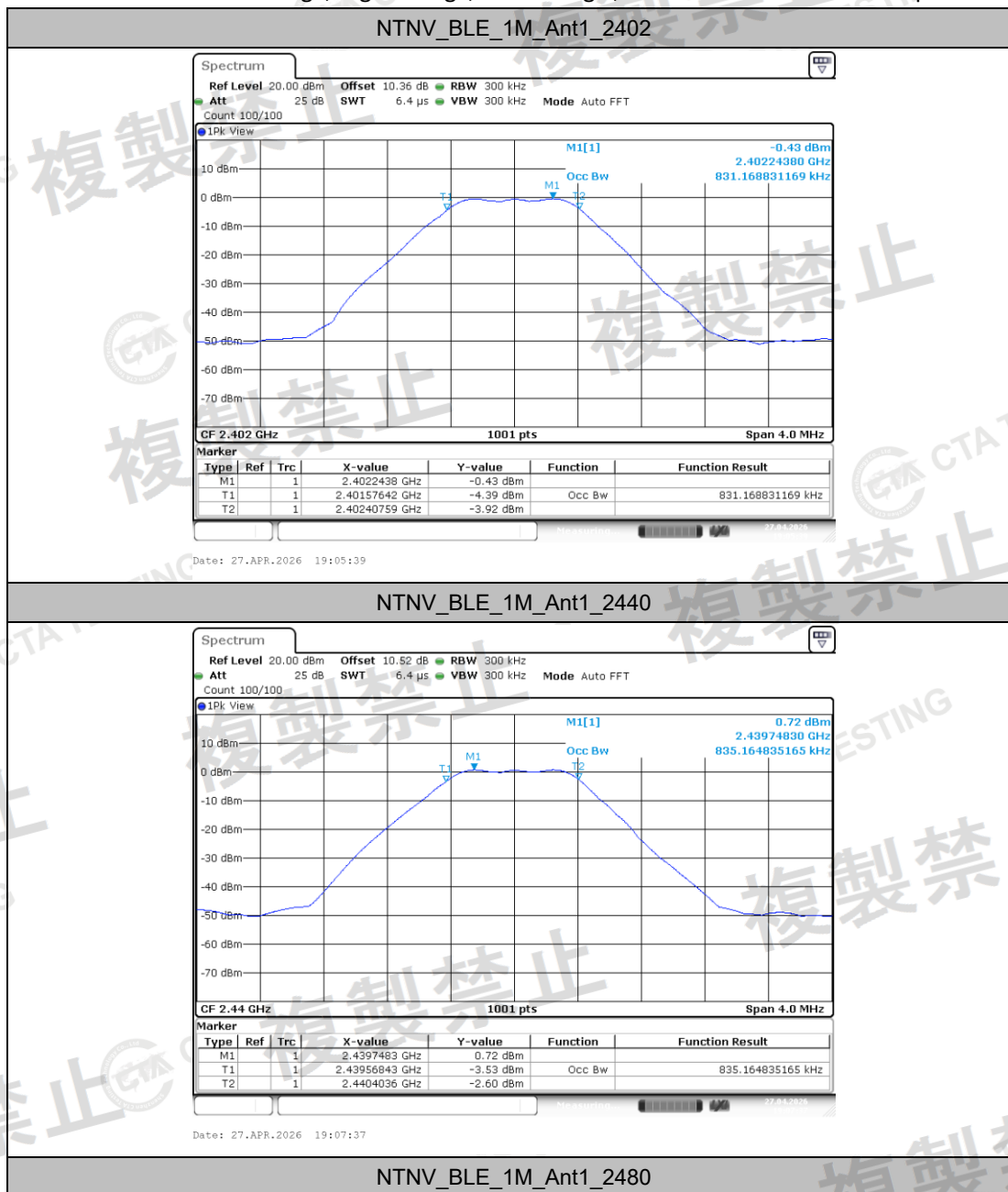


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Test Graphs

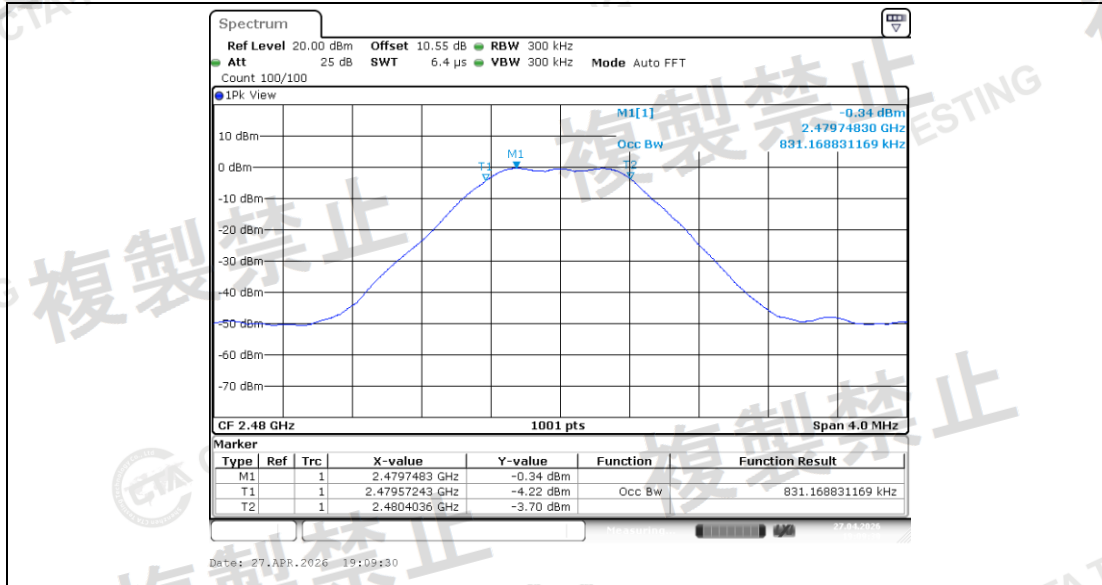
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Appendix D: Spurious Emission of TX

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	246.80	-54.45	≤-26	0.00359	≤2.5	PASS
				1000~2387	1717.08	-53.67	≤-26	0.00430	≤2.5	PASS
				2387~2400	2400.00	-31.46	≤-16	0.71450	≤25	PASS
				2483.5~2496.5	2488.35	-43.38	≤-16	0.04592	≤25	PASS
				2496.5~13000	6800.83	-43.28	≤-26	0.04699	≤2.5	PASS
			2440	30~1000	215.27	-54.63	≤-26	0.00344	≤2.5	PASS
				1000~2387	2190.39	-53.47	≤-26	0.00450	≤2.5	PASS
				2387~2400	2390.74	-43.58	≤-16	0.04385	≤25	PASS
				2483.5~2496.5	2494.19	-43.32	≤-16	0.04656	≤25	PASS
				2496.5~13000	6619.65	-42.08	≤-26	0.06194	≤2.5	PASS
			2480	30~1000	956.35	-54.40	≤-26	0.00363	≤2.5	PASS
				1000~2387	1998.64	-53.64	≤-26	0.00433	≤2.5	PASS
				2387~2400	2397.93	-44.07	≤-16	0.03917	≤25	PASS
				2483.5~2496.5	2492.15	-43.07	≤-16	0.04932	≤25	PASS
				2496.5~13000	6900.09	-44.11	≤-26	0.03882	≤2.5	PASS

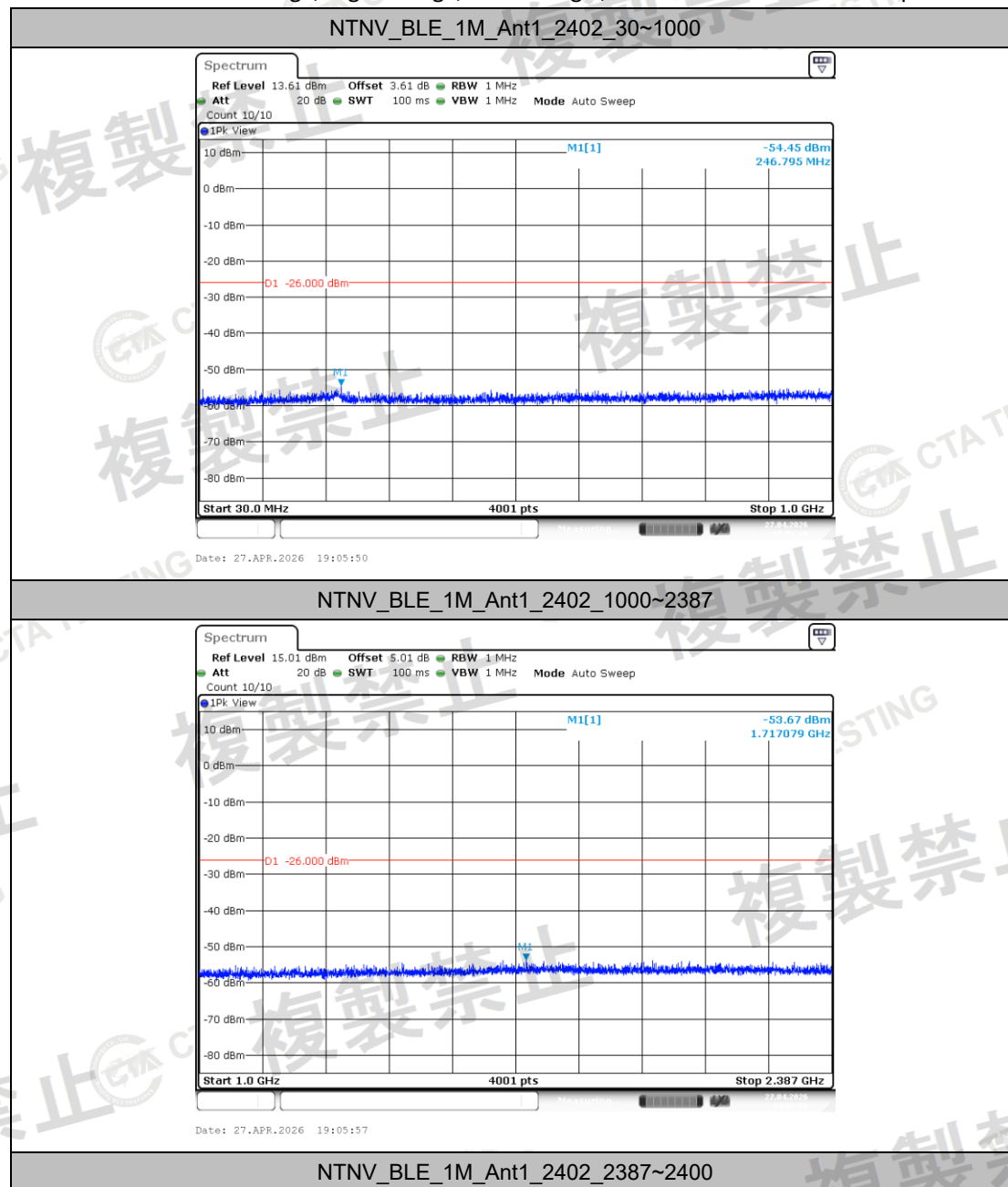


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Test Graphs

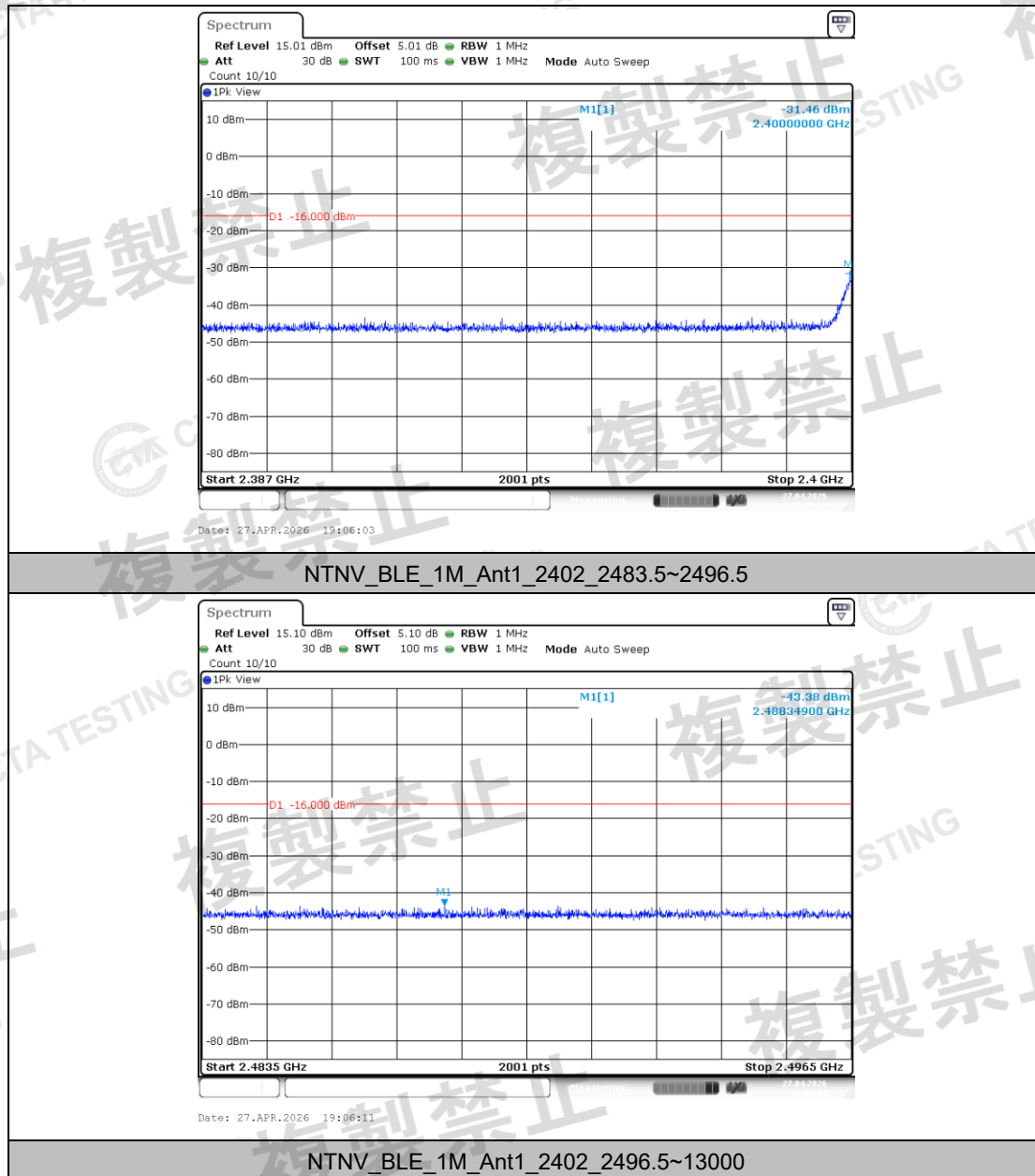
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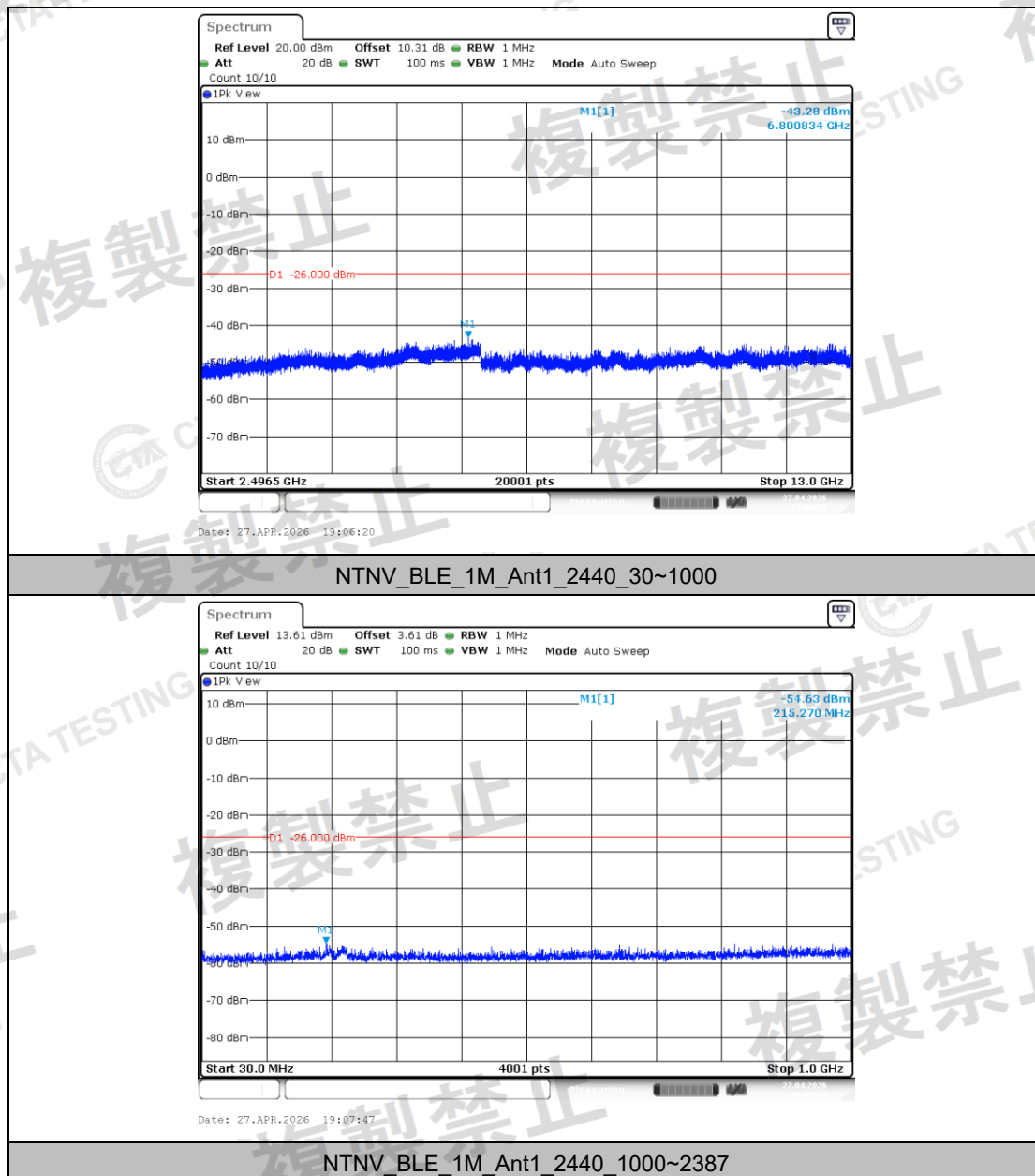
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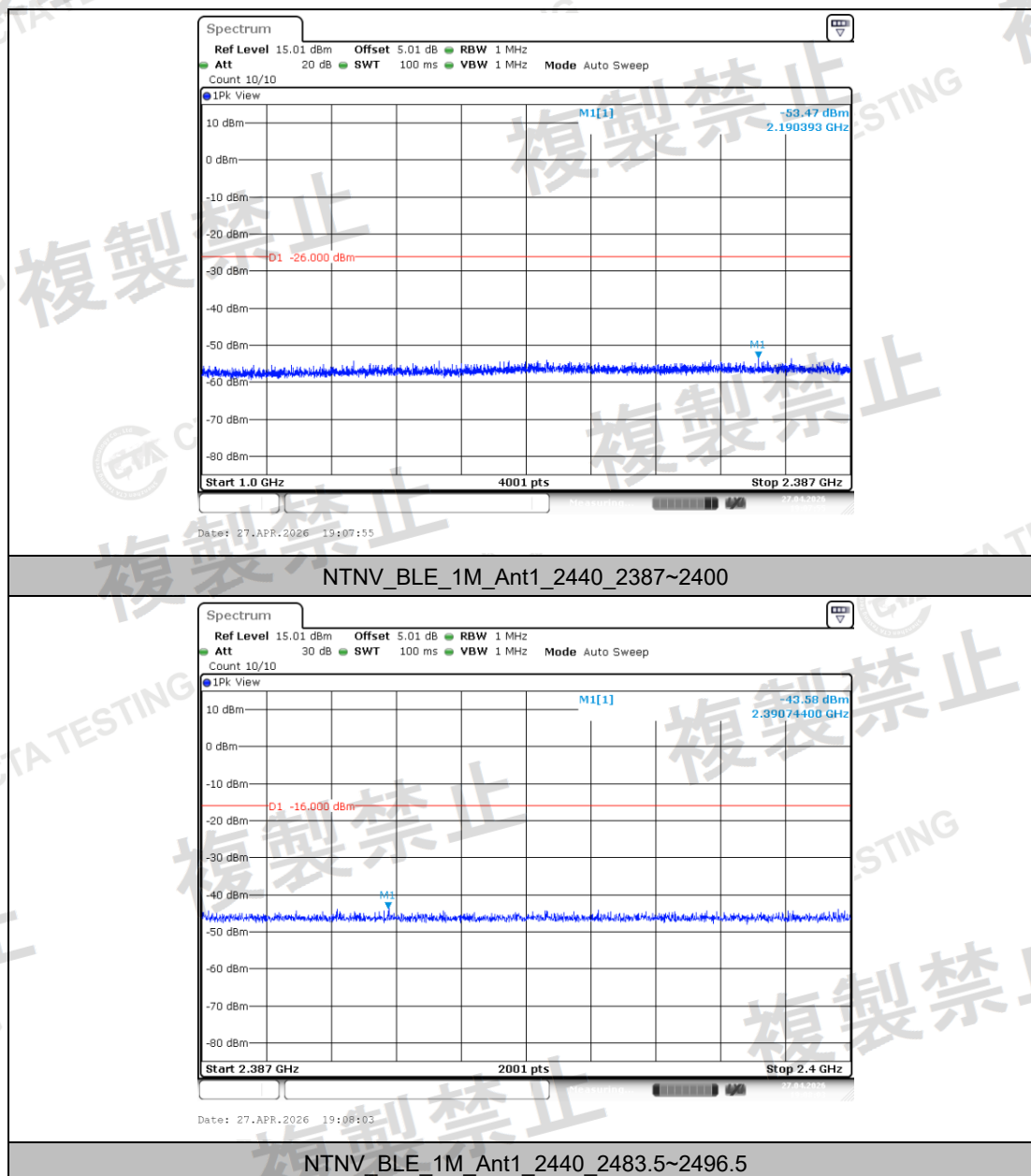
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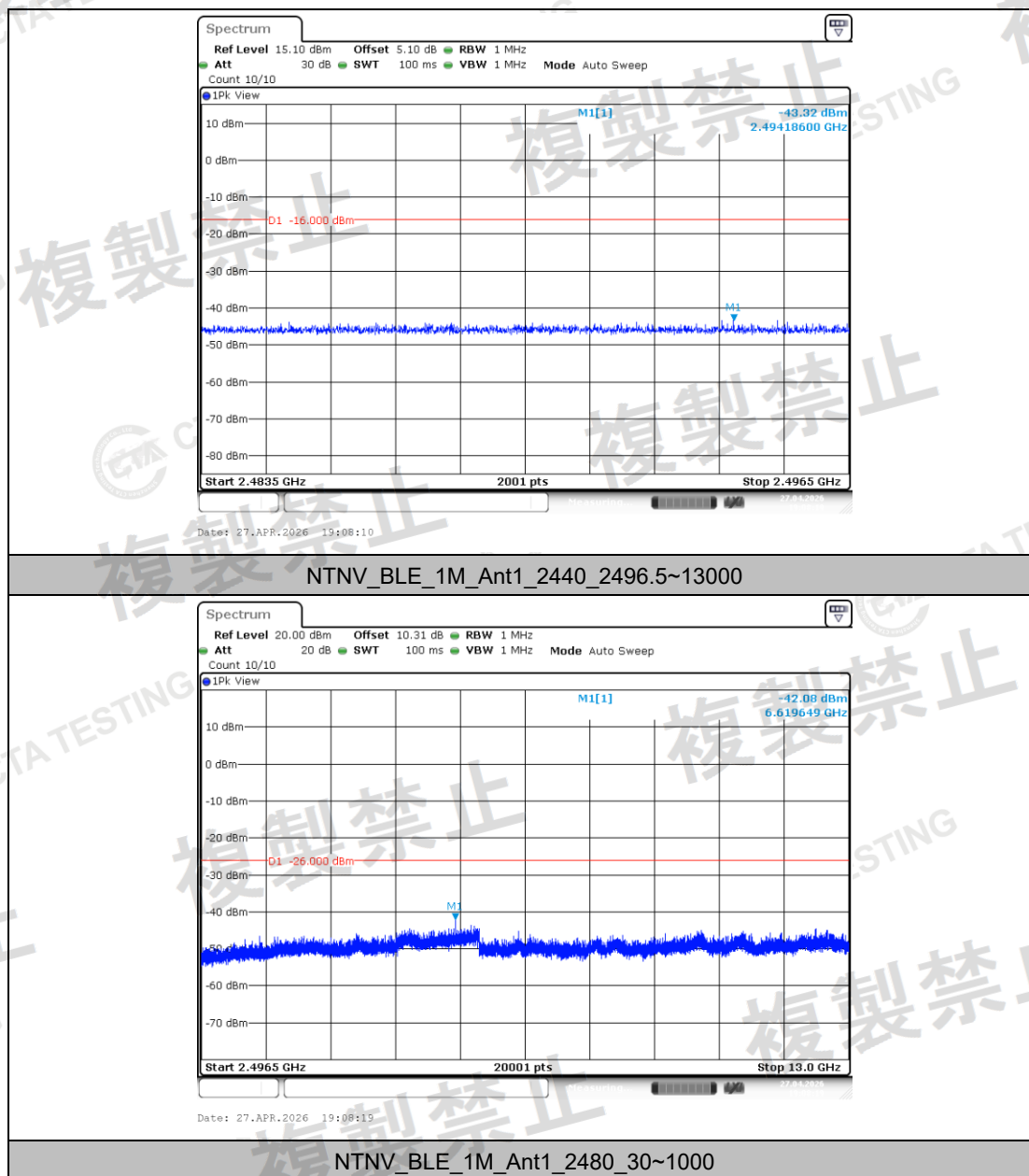
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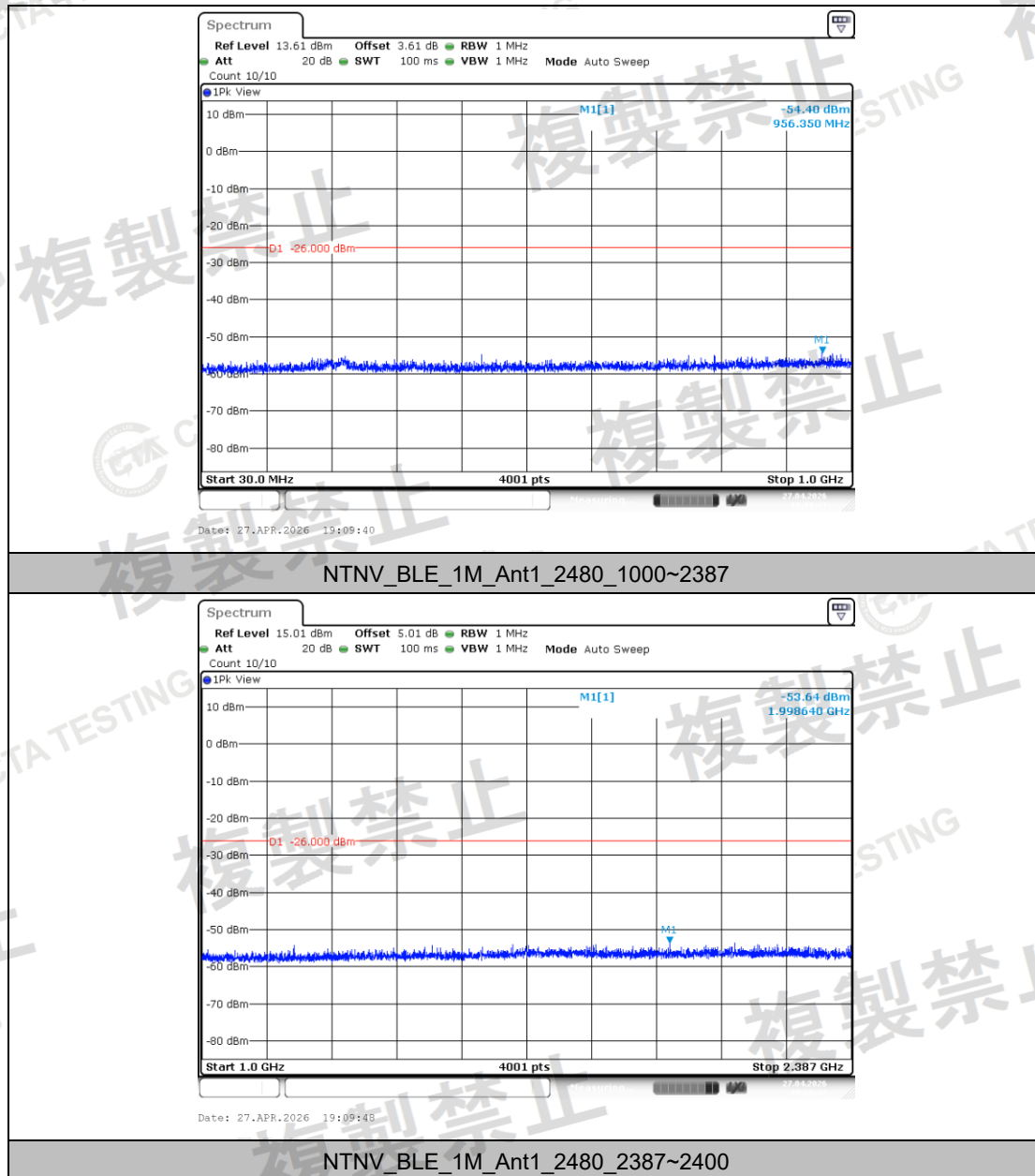
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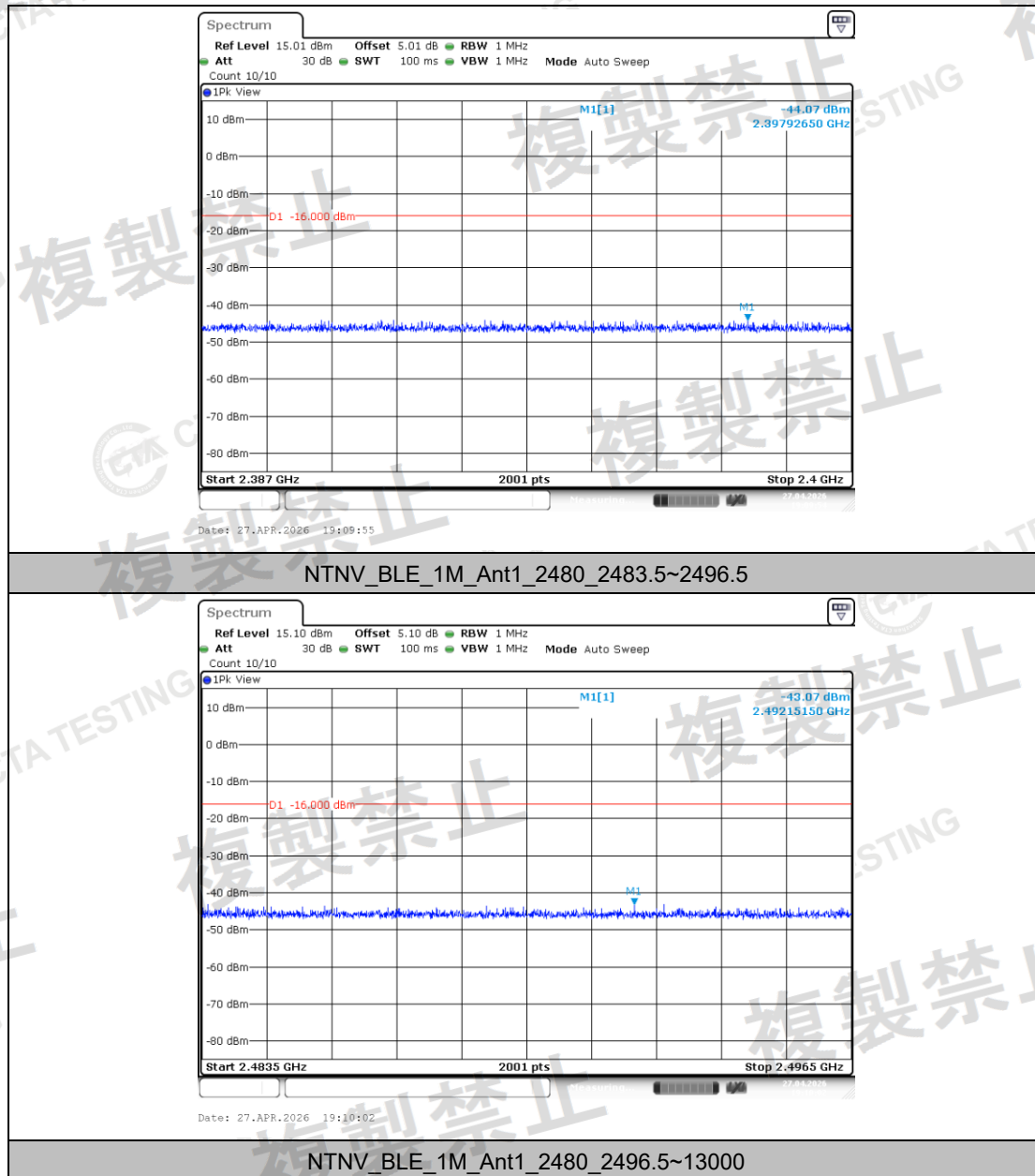
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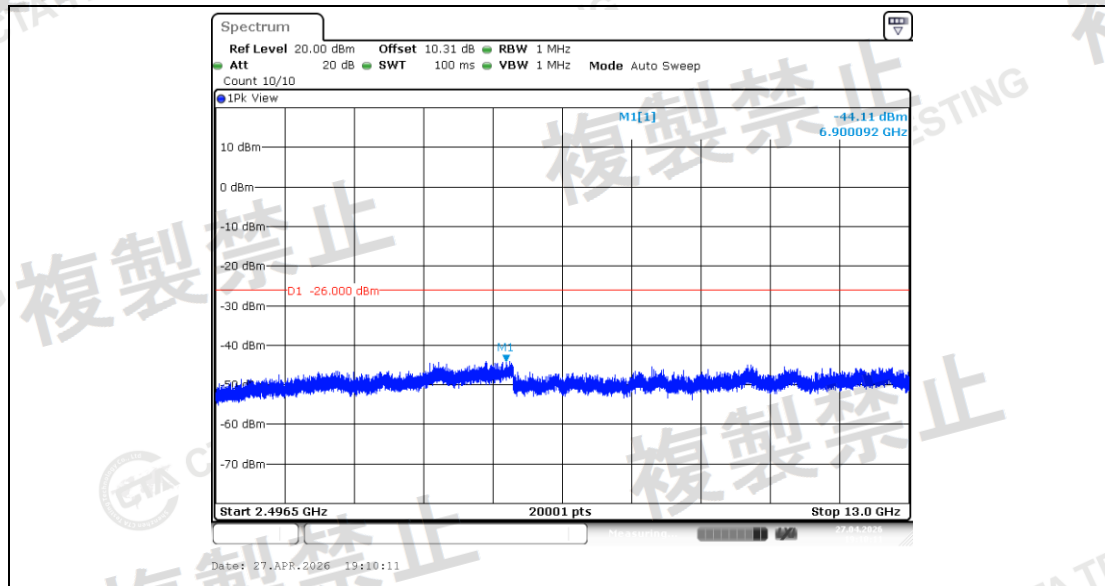
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Appendix E: Spurious Emission of RX

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	293.47	-83.20	≤-54	0.0047 9	≤4	PASS
				1000~12500	6899.4 9	-67.92	≤-47	0.1614 4	≤20	PASS
			2440	30~1000	941.10	-83.70	≤-54	0.0042 7	≤4	PASS
				1000~12500	6967.9 1	-69.21	≤-47	0.11995	≤20	PASS
			2480	30~1000	873.72	-82.32	≤-54	0.0058 6	≤4	PASS
				1000~12500	6903.5 2	-68.98	≤-47	0.1264 7	≤20	PASS

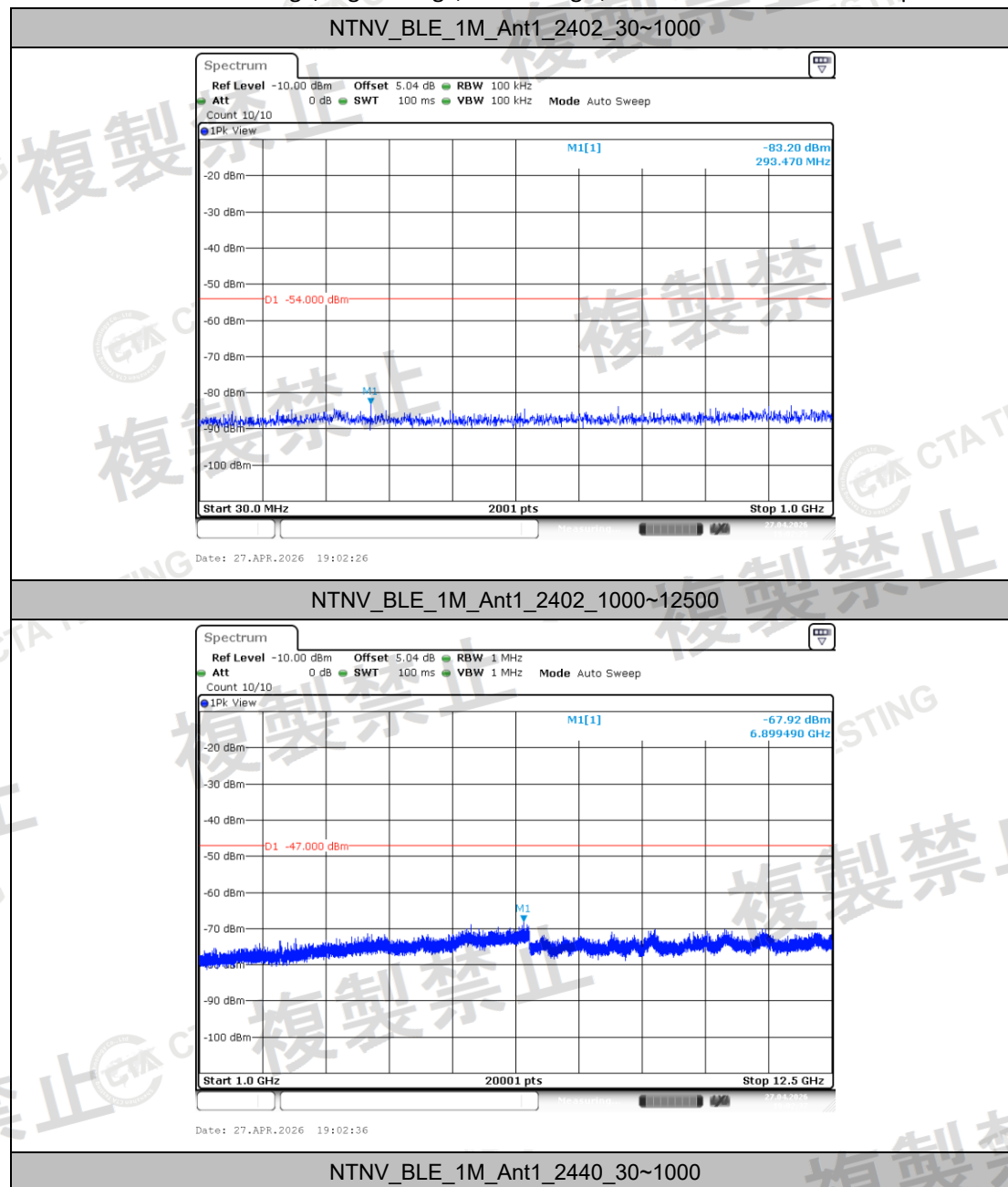


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Test Graphs

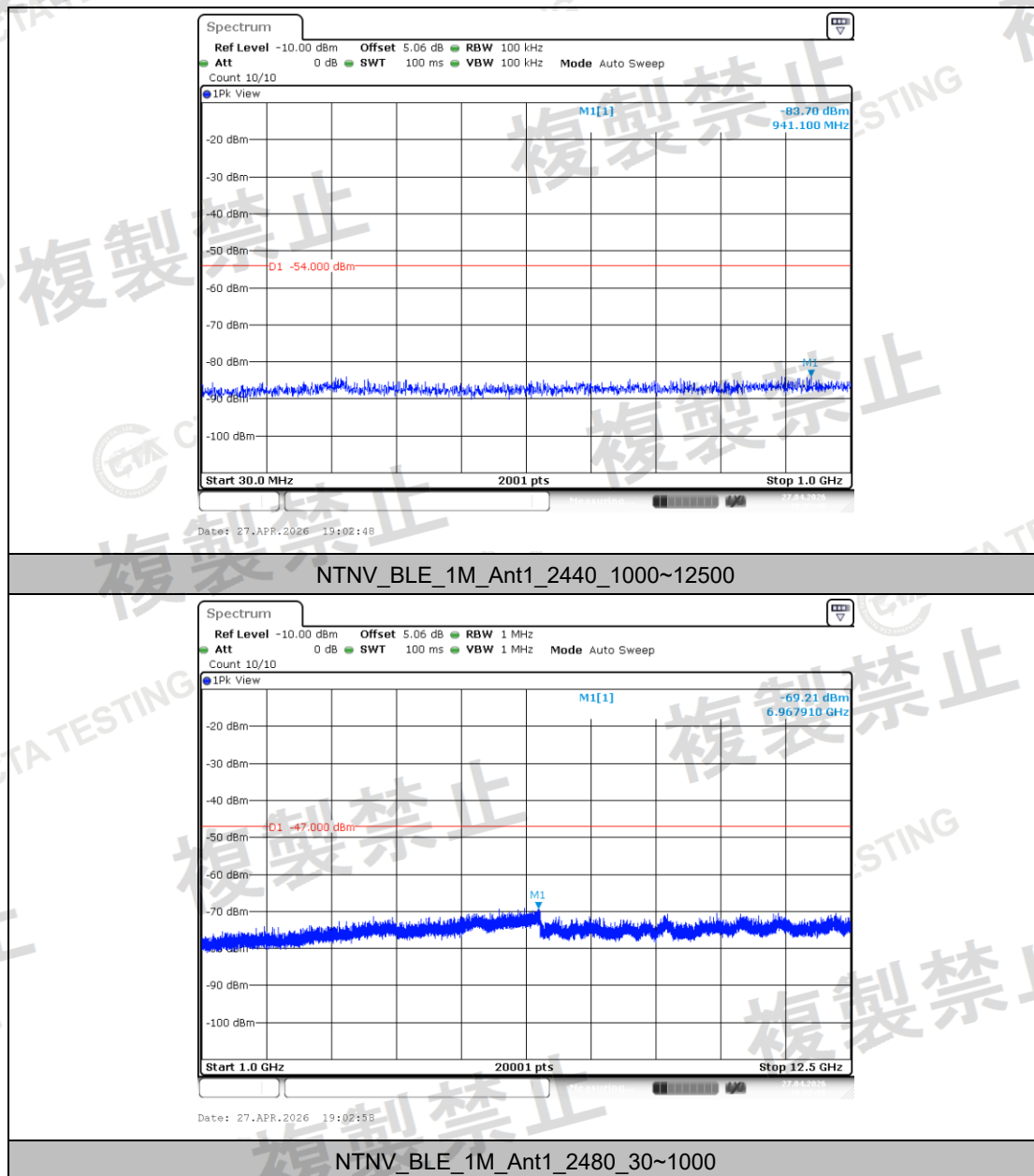
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