



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 : Shenzhen Yidao Intelligent Technology Co., Ltd.
EUT : AI memory card
Model Number : GEN1P
Report No. : CTA26072901401
Reviewed By : Eric Wang



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Appendix A: Frequency Error

Test Result

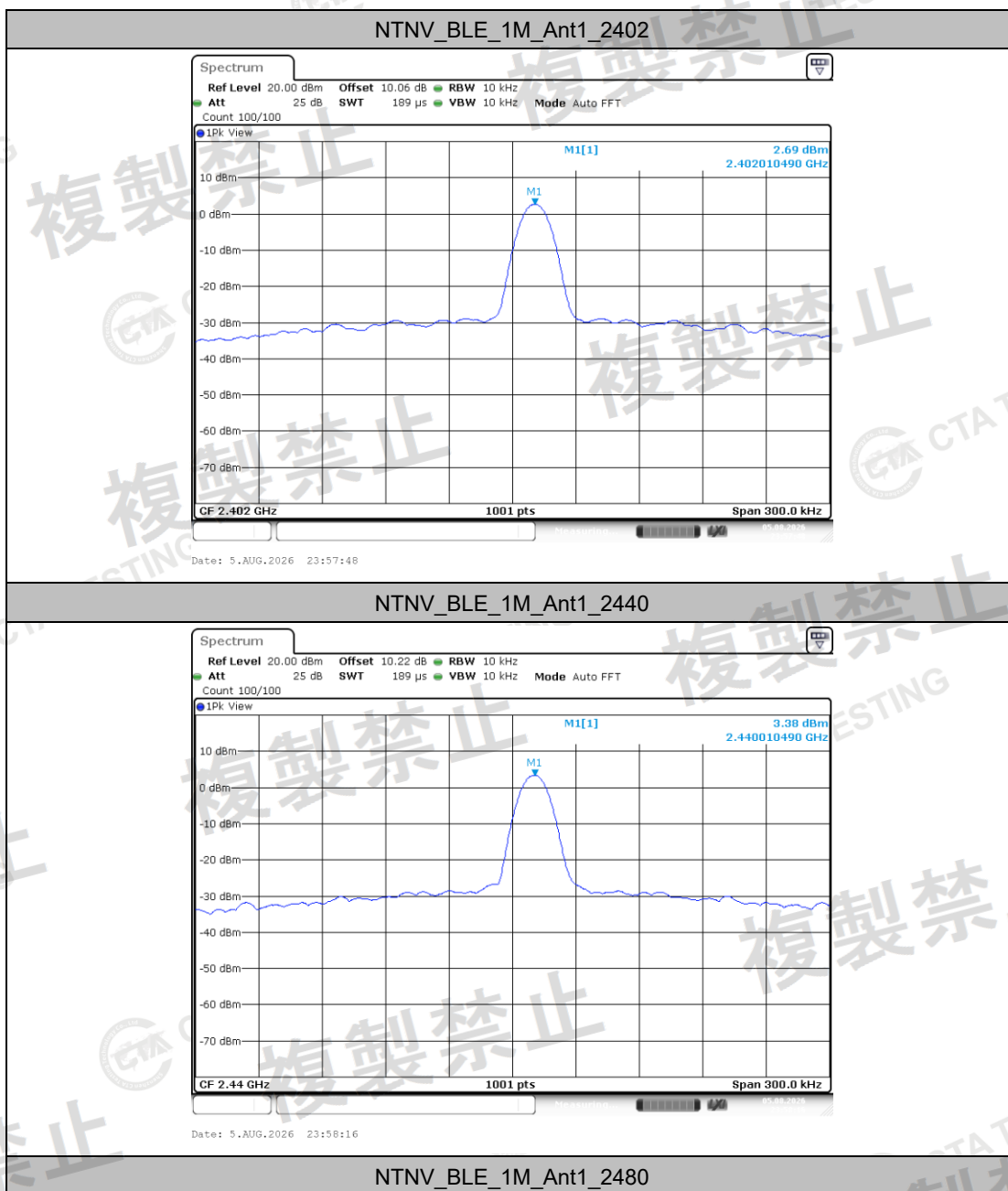
TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	4.36719	±50	PASS
			2440	4.29918	±50	PASS
			2480	3.86694	±50	PASS



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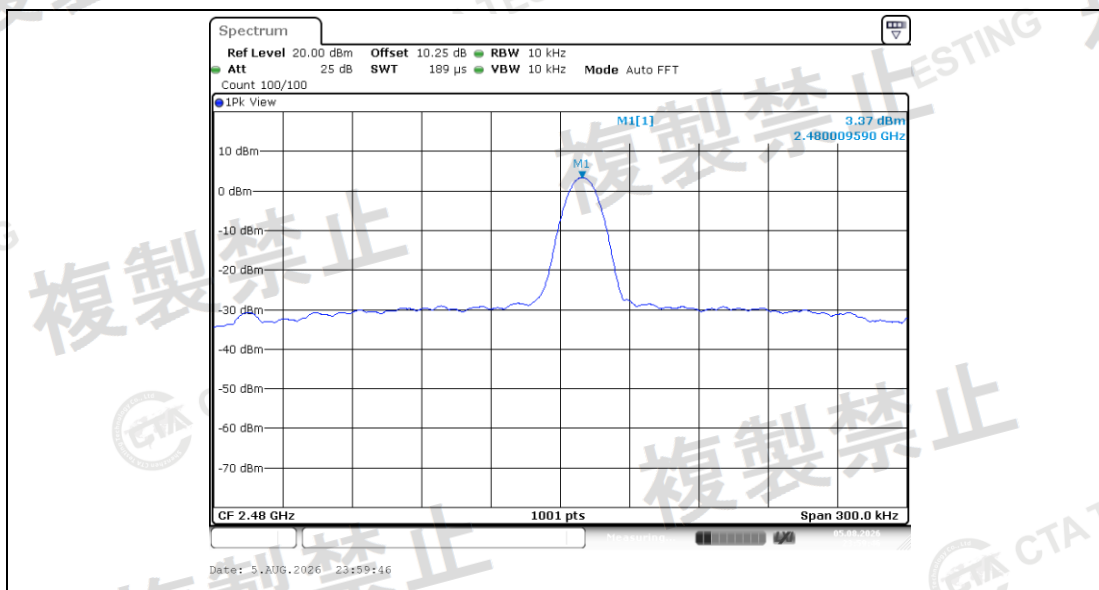
Test Graphs





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Appendix B: Occupied Bandwidth

Test Result

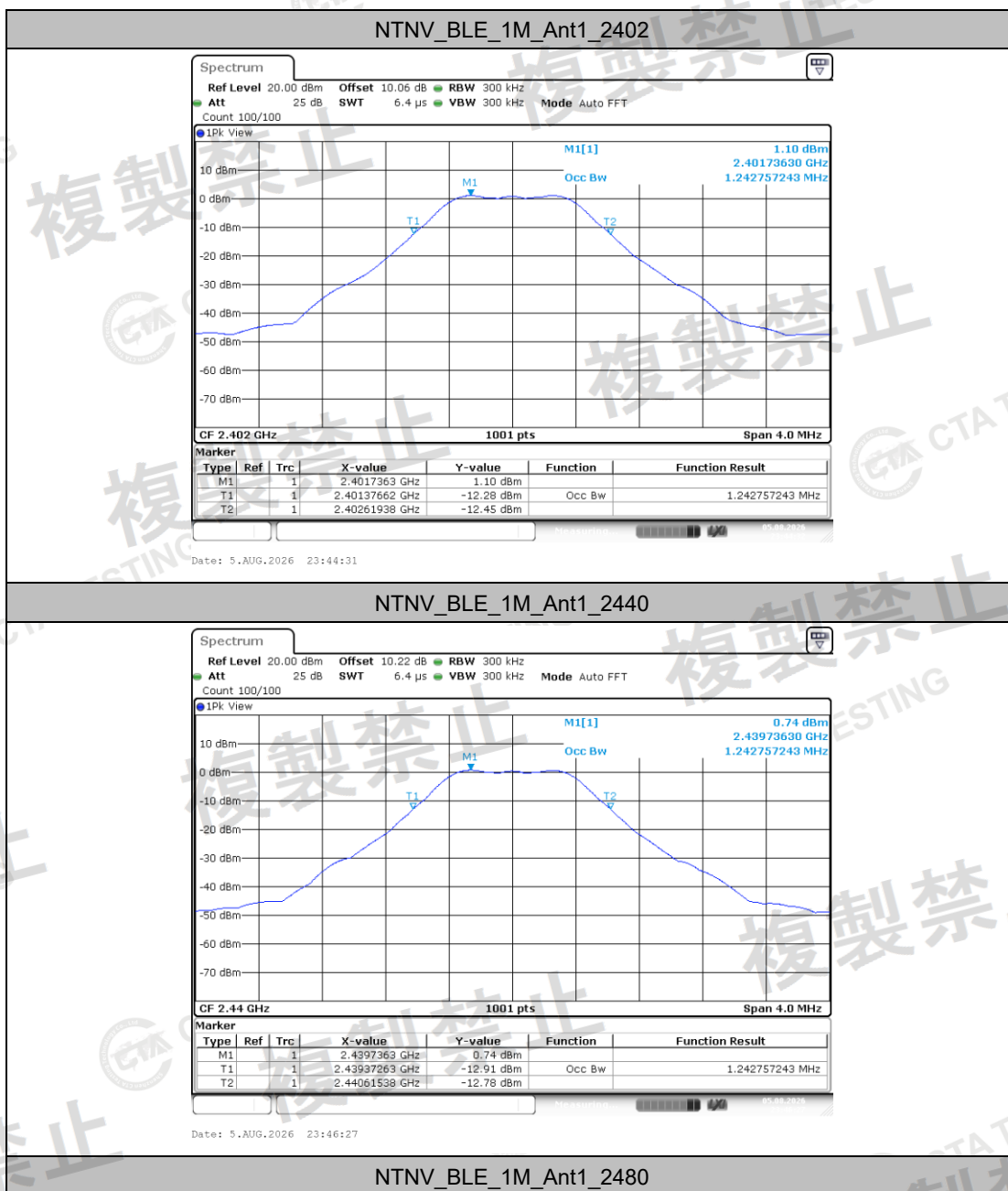
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.243	≤26	PASS
			2440	1.243	≤26	PASS
			2480	1.243	≤26	PASS



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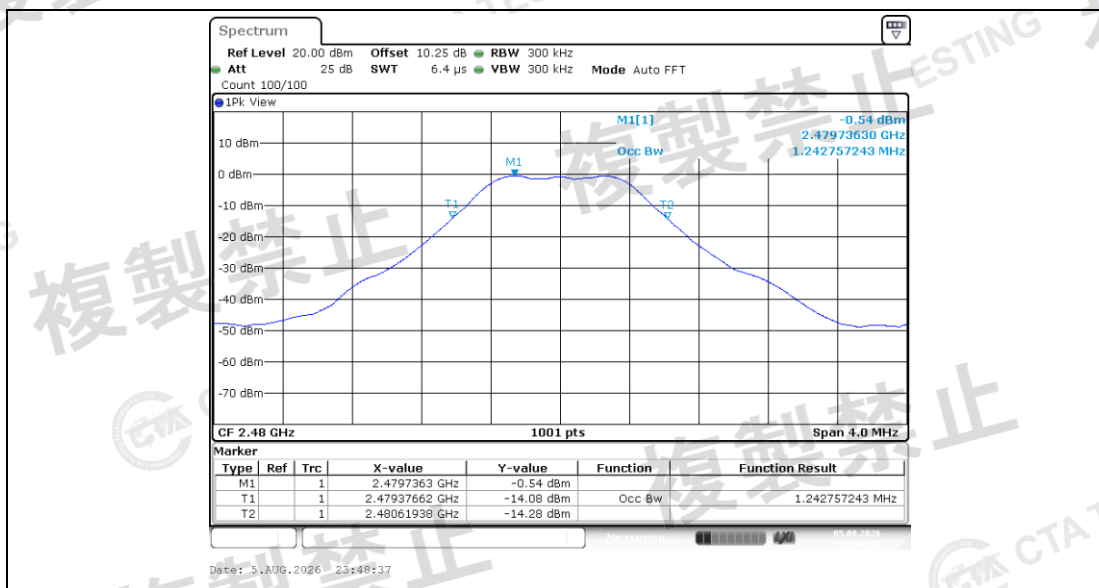
Test Graphs





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Appendix C: Spread Bandwidth

Test Result

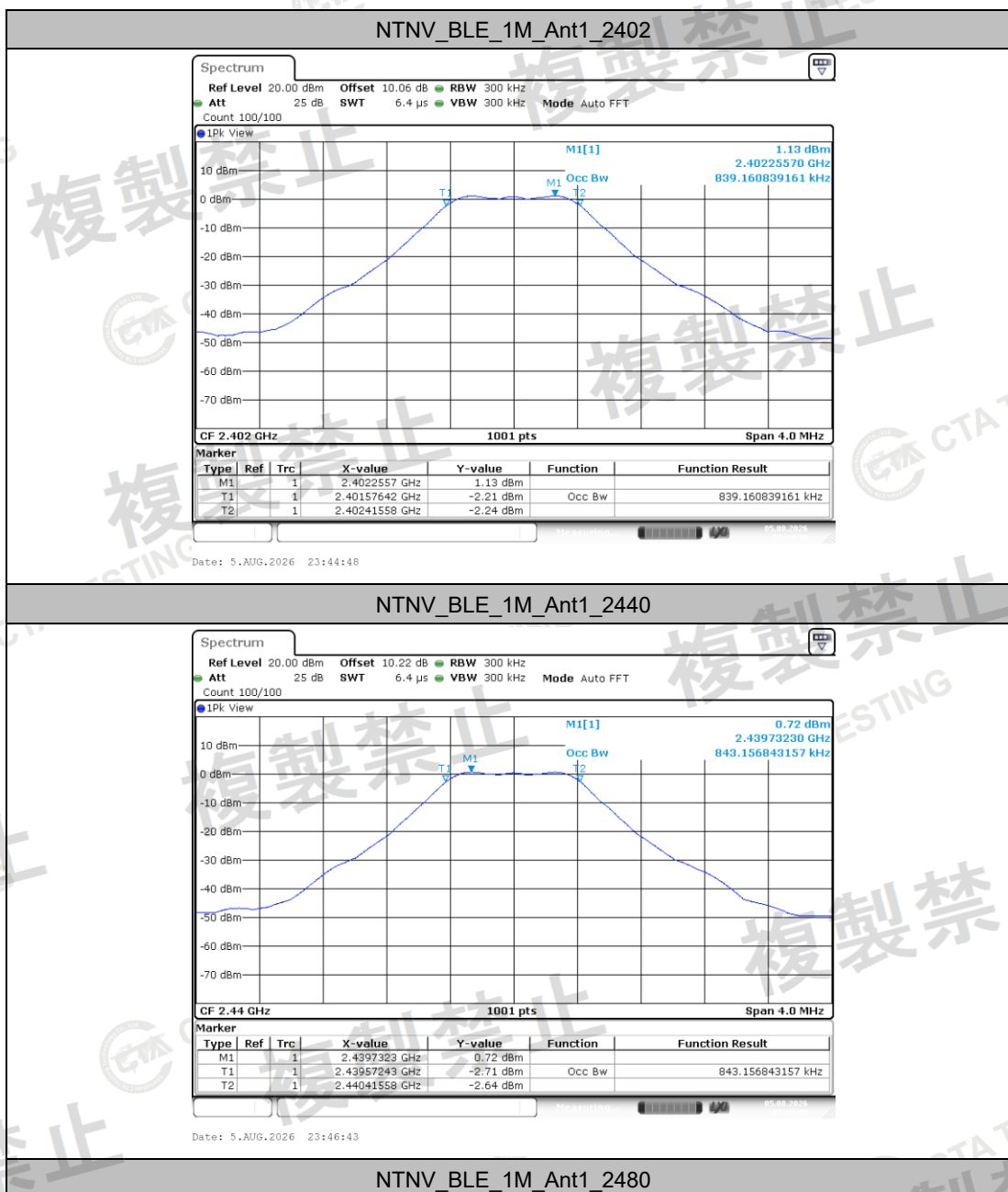
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	0.839	≥0.5	PASS
			2440	0.843	≥0.5	PASS
			2480	0.843	≥0.5	PASS



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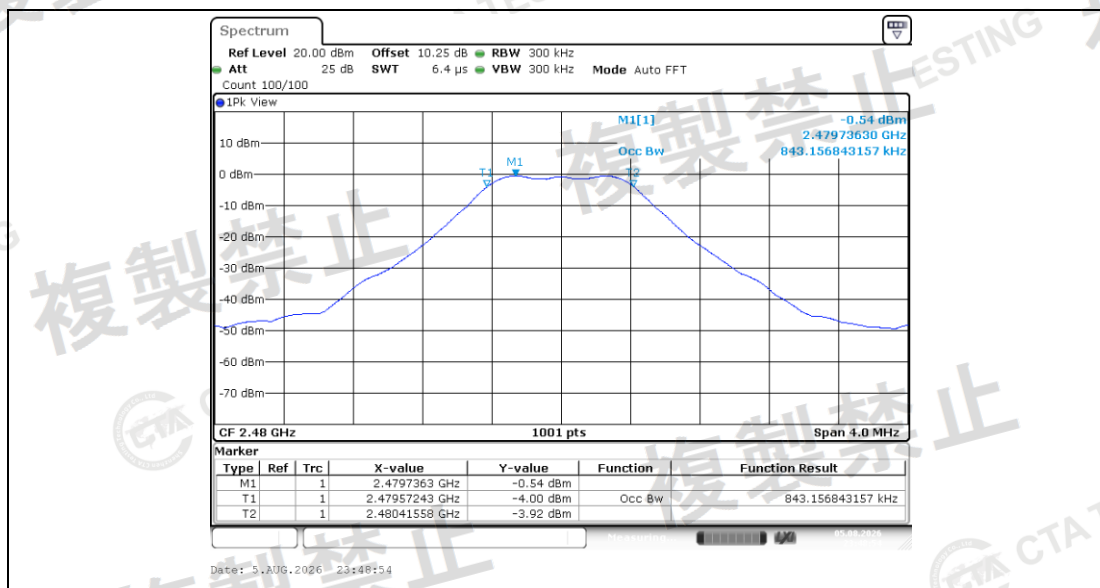
Test Graphs





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Appendix D: Spurious Emission of TX

Test Result

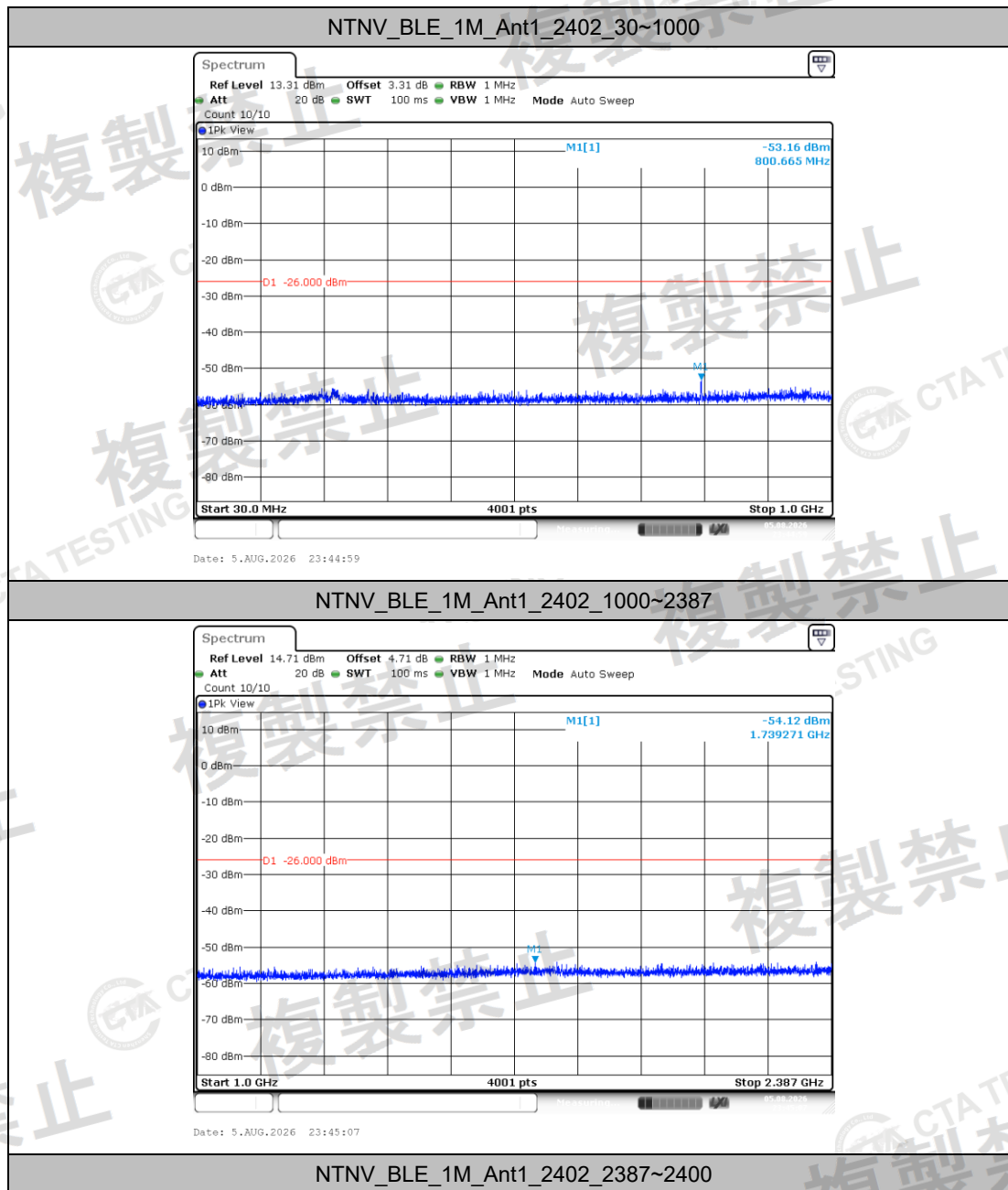
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	800.67	-53.16	≤-26	0.00483	≤2.5	PASS
				1000~2387	1739.27	-54.12	≤-26	0.00387	≤2.5	PASS
				2387~2400	2400.00	-30.00	≤-16	1.00000	≤25	PASS
				2483.5~2496.5	2491.91	-43.89	≤-16	0.04083	≤25	PASS
				2496.5~13000	6857.55	-44.32	≤-26	0.03698	≤2.5	PASS
			2440	30~1000	813.28	-51.74	≤-26	0.00670	≤2.5	PASS
				1000~2387	2027.42	-54.50	≤-26	0.00355	≤2.5	PASS
				2387~2400	2397.19	-43.67	≤-16	0.04295	≤25	PASS
				2483.5~2496.5	2494.23	-43.56	≤-16	0.04406	≤25	PASS
				2496.5~13000	6629.63	-43.84	≤-26	0.04130	≤2.5	PASS
			2480	30~1000	826.61	-51.38	≤-26	0.00728	≤2.5	PASS
				1000~2387	1957.03	-54.05	≤-26	0.00394	≤2.5	PASS
				2387~2400	2390.29	-44.15	≤-16	0.03846	≤25	PASS
				2483.5~2496.5	2487.02	-43.59	≤-16	0.04375	≤25	PASS
				2496.5~13000	6744.64	-43.50	≤-26	0.04467	≤2.5	PASS



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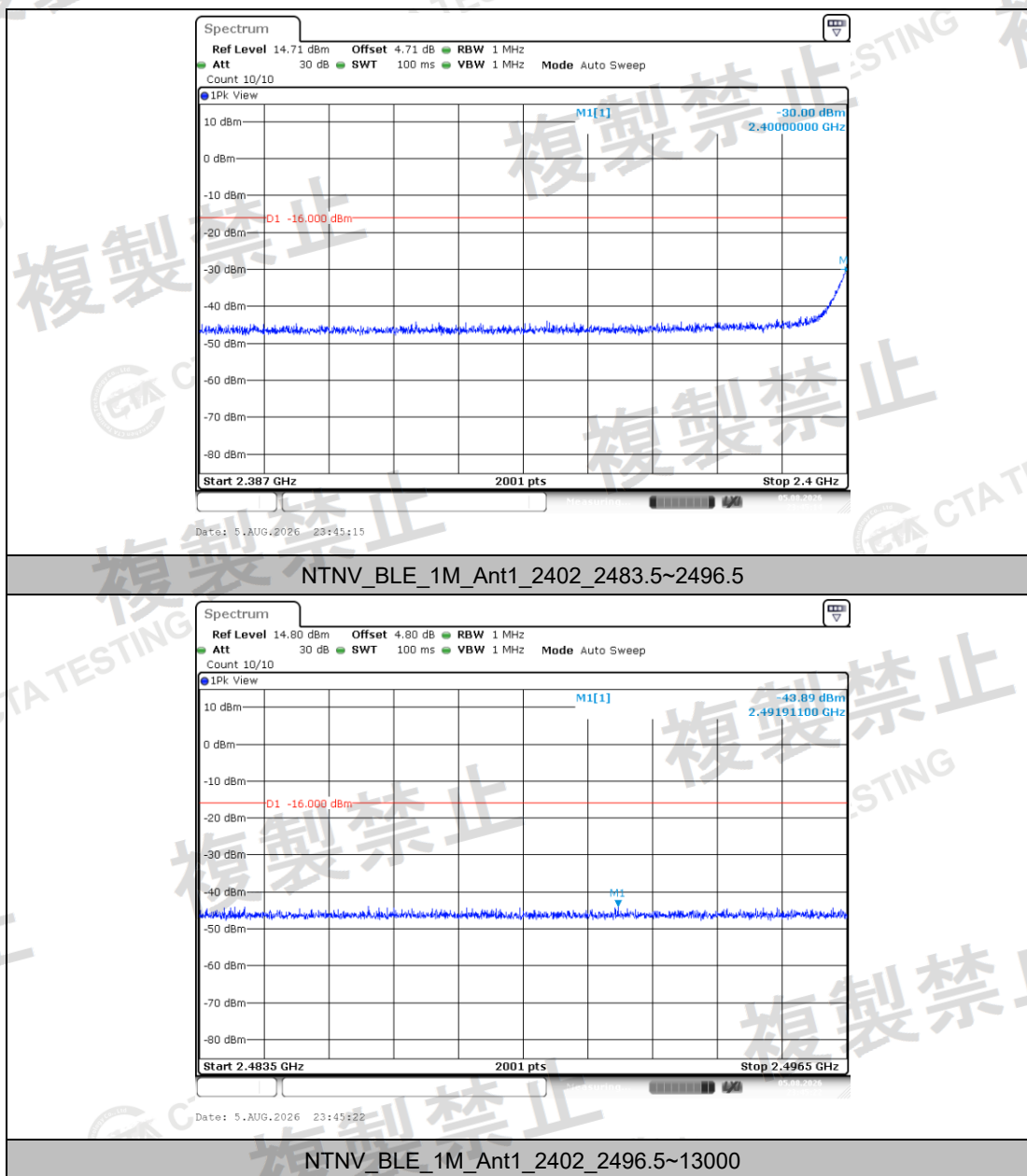
Test Graphs





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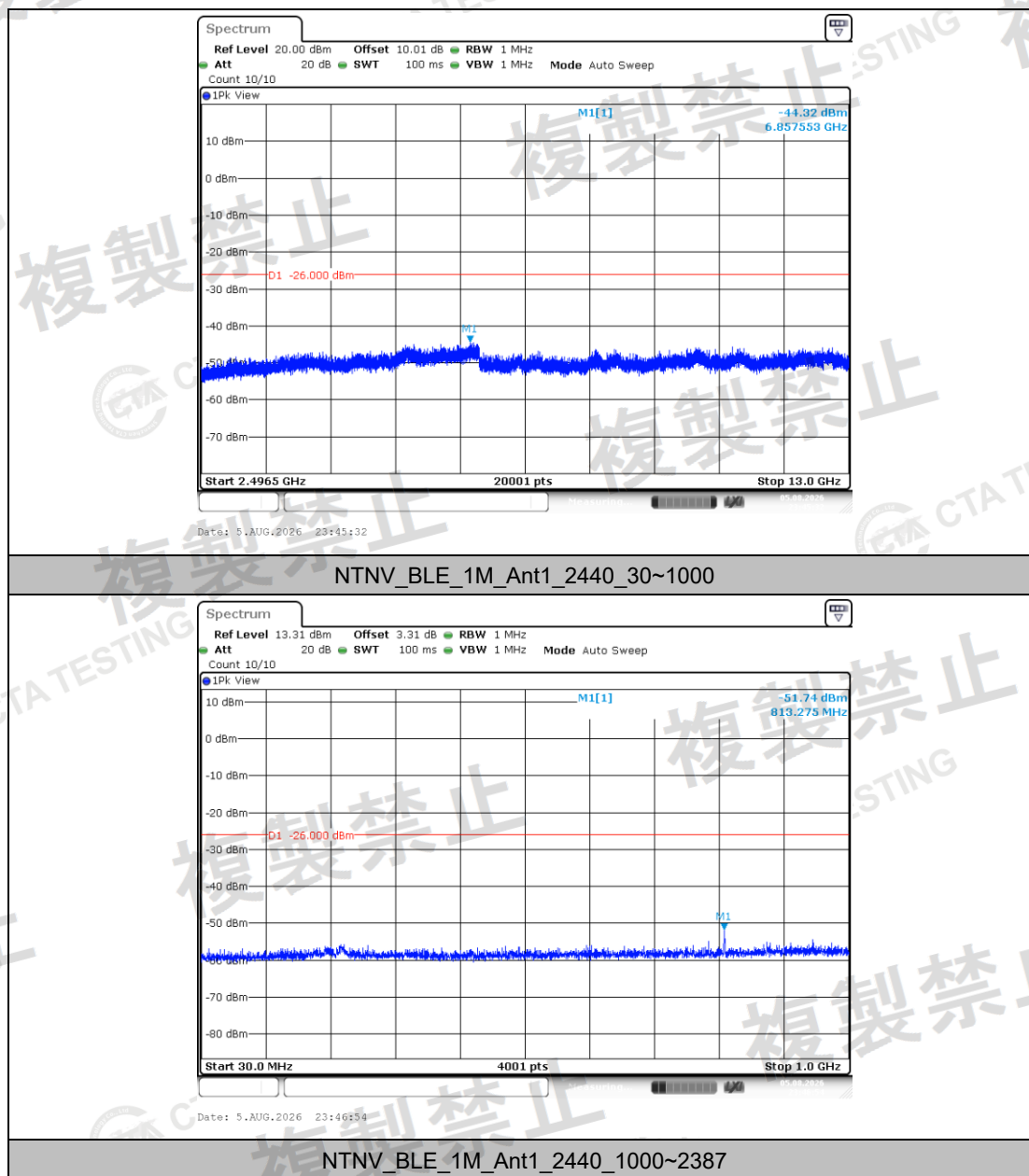
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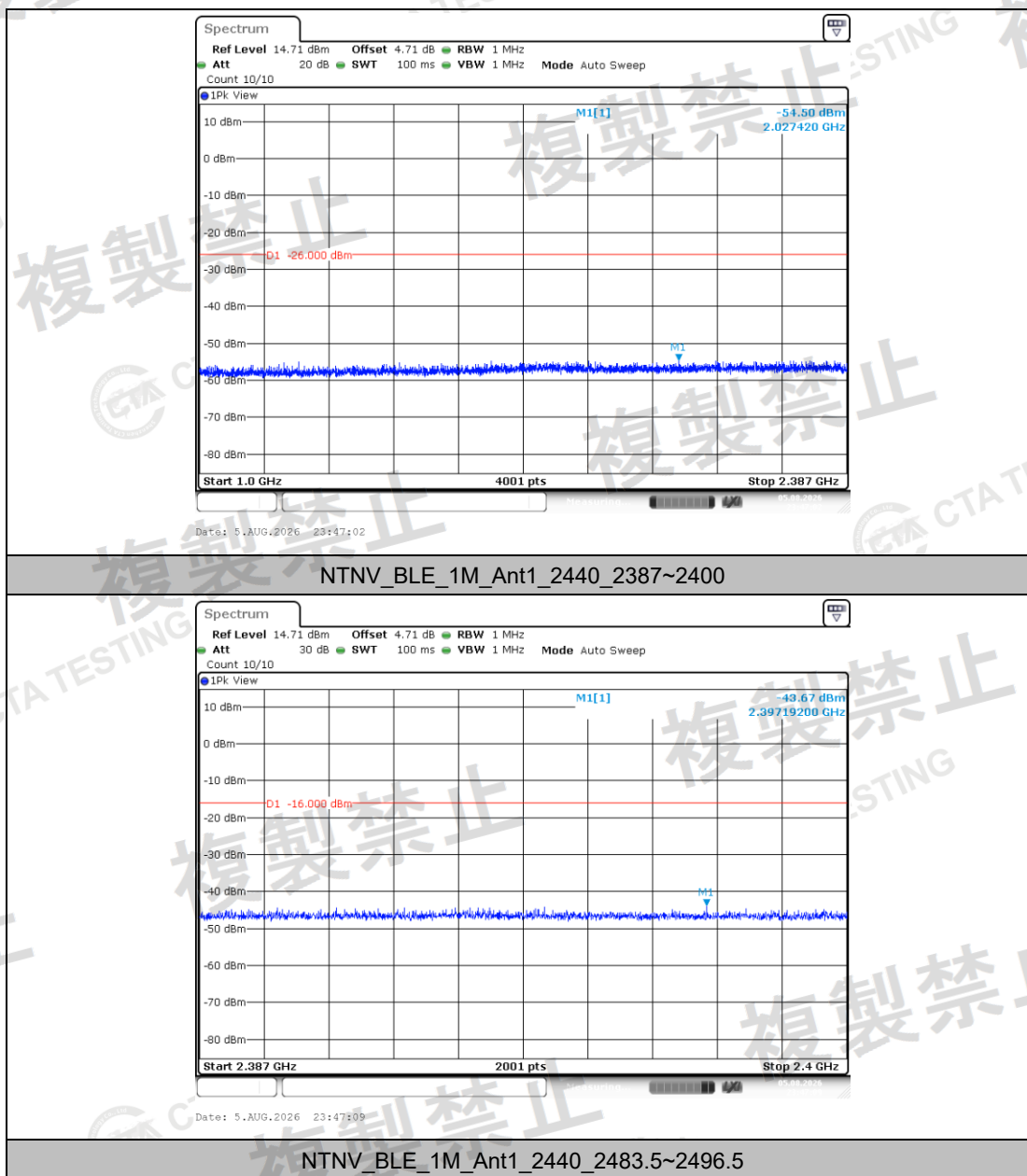
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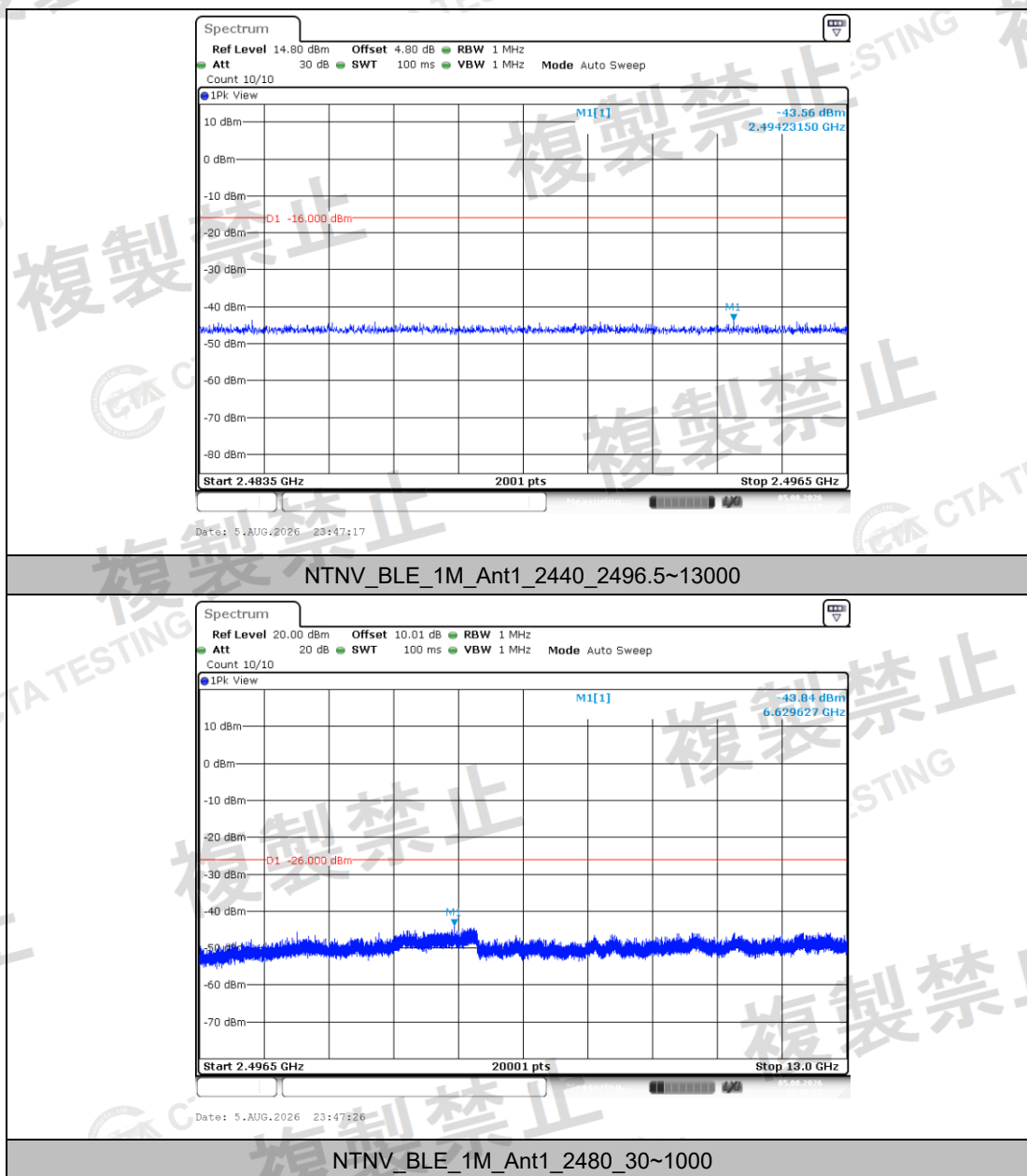
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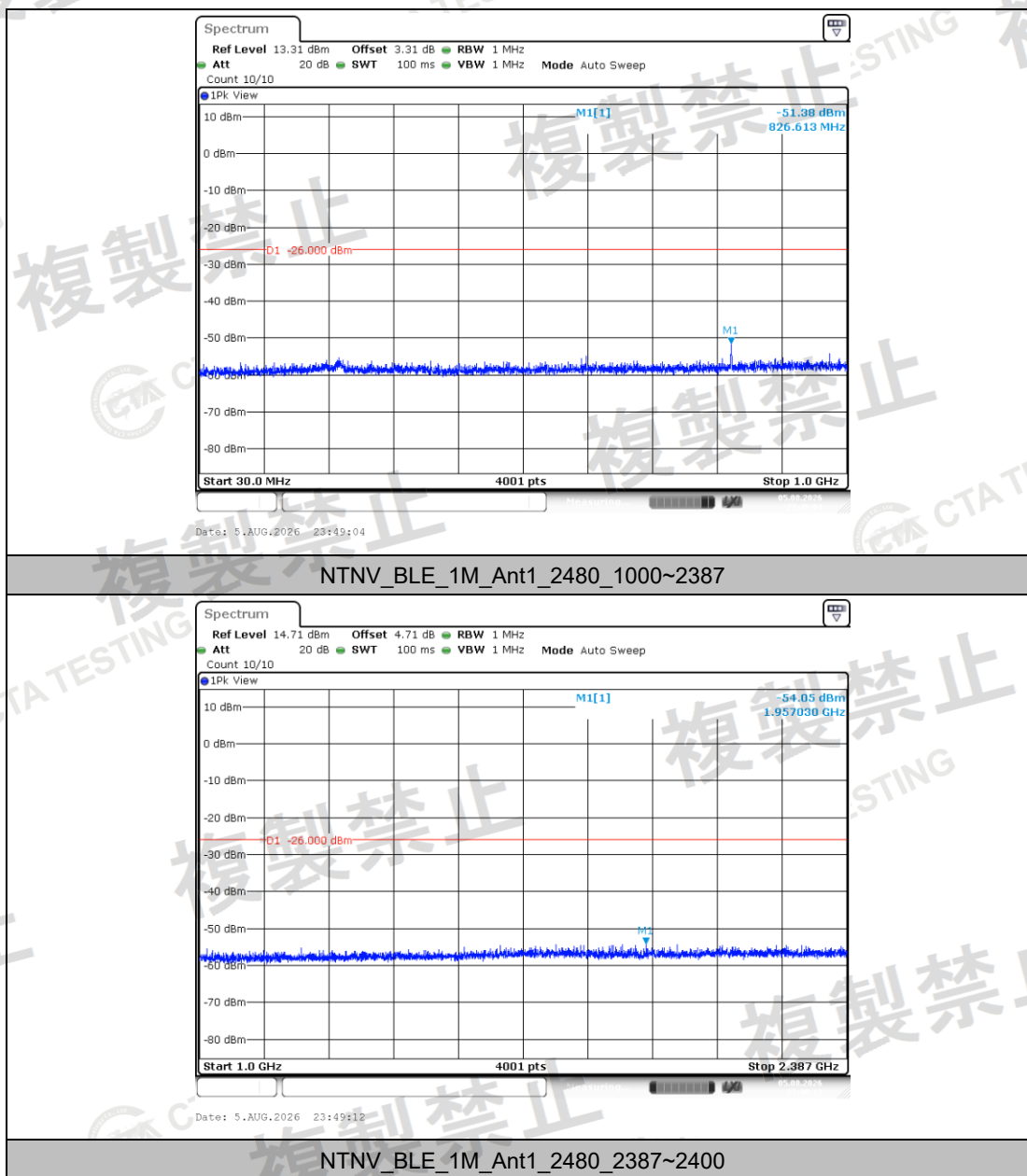
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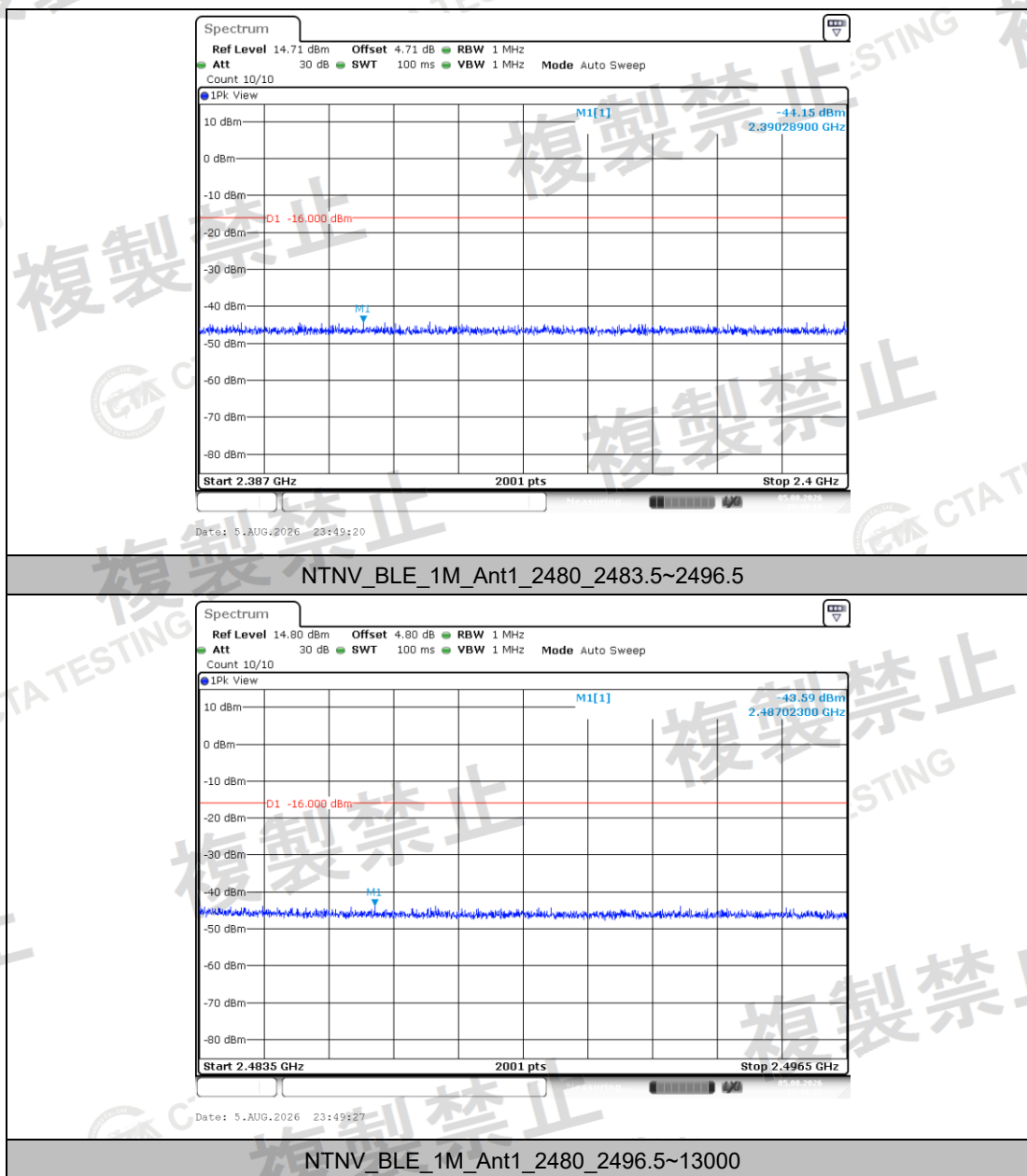
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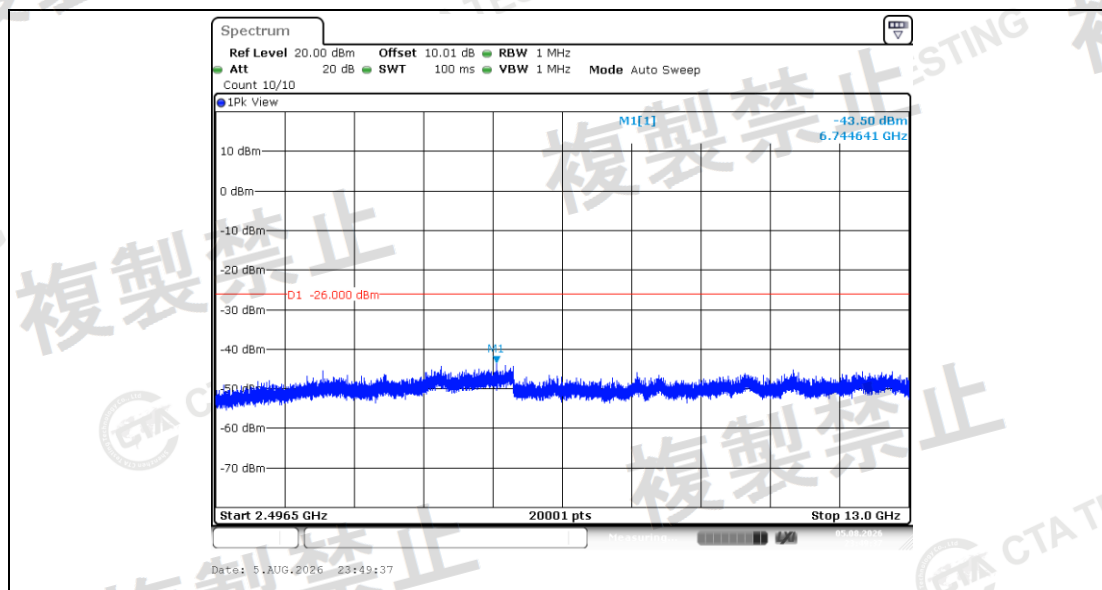
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Appendix E: Spurious Emission of RX

Test Result

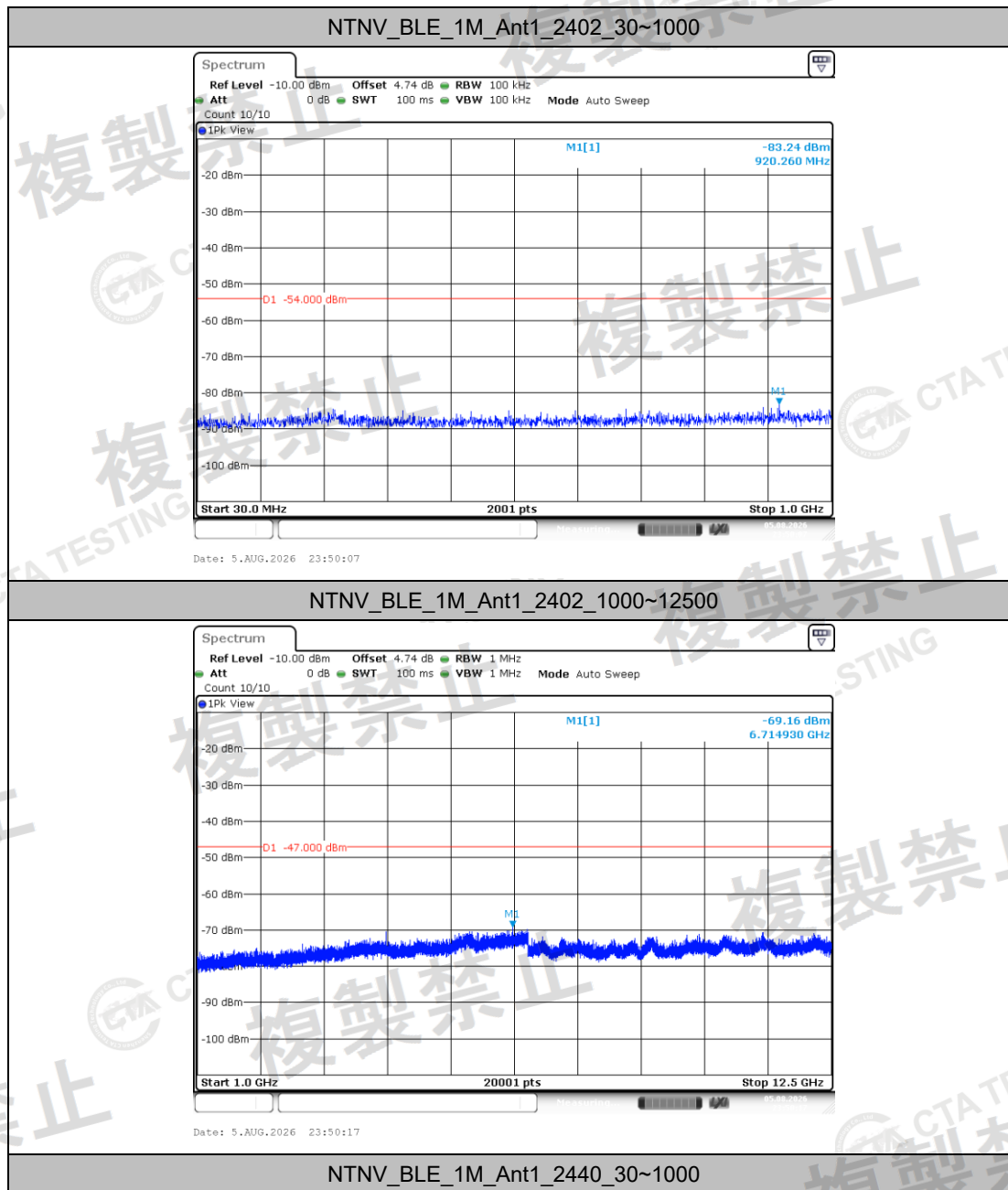
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	920.26	-83.24	≤-54	0.0047 4	≤4	PASS
				1000~12500	6714.9 3	-69.16	≤-47	0.1213 4	≤20	PASS
			2440	30~1000	893.11	-83.99	≤-54	0.0039 9	≤4	PASS
				1000~12500	6442.3 9	-69.91	≤-47	0.1020 9	≤20	PASS
			2480	30~1000	244.99	-83.80	≤-54	0.0041 7	≤4	PASS
				1000~12500	6989.7 6	-69.50	≤-47	0.11220	≤20	PASS



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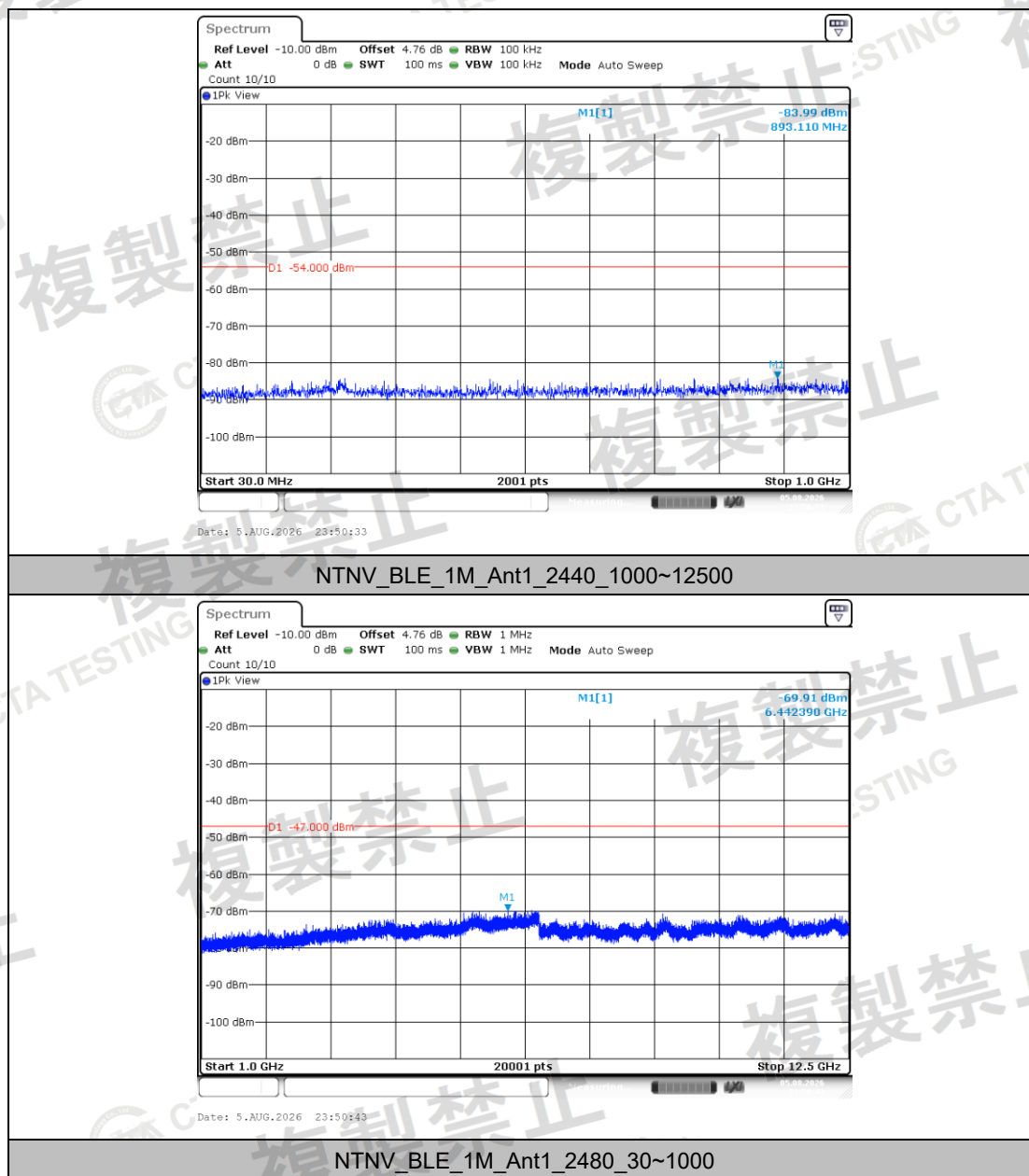
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