



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 2.4G

Company : Fuzhou Geek Cross-Border E-commerce Co., Ltd.

EUT : VGN N75 V2 Customized Mechanical Keyboard

Model Number : N75 V2

Report No. : CTA26071401402

Reviewed By : Eric Wang



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Appendix A: Frequency Error

Test Result

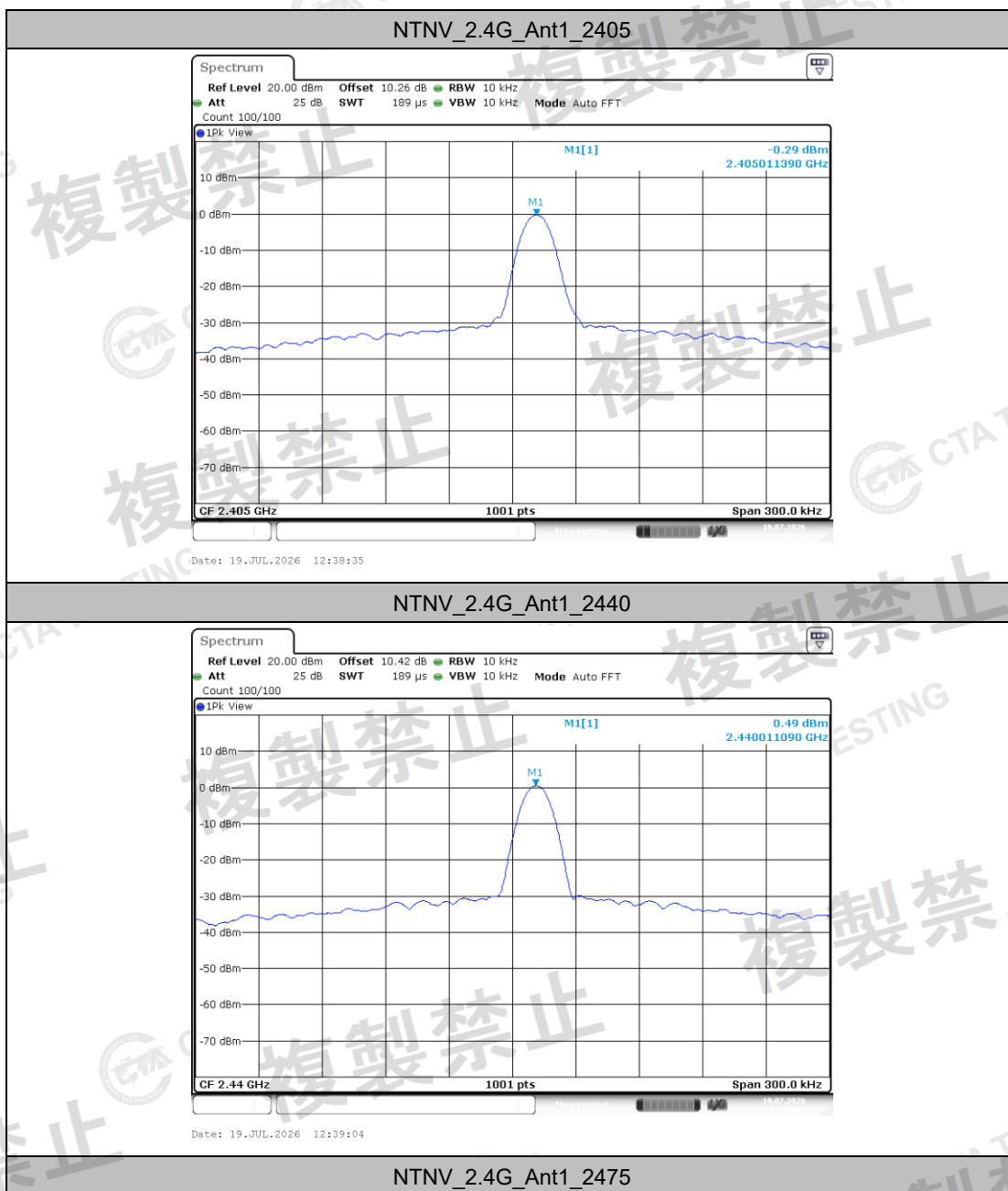
TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	2.4G	Ant1	2405	4.73597	±50	PASS
			2440	4.54508	±50	PASS
			2475	4.48081	±50	PASS



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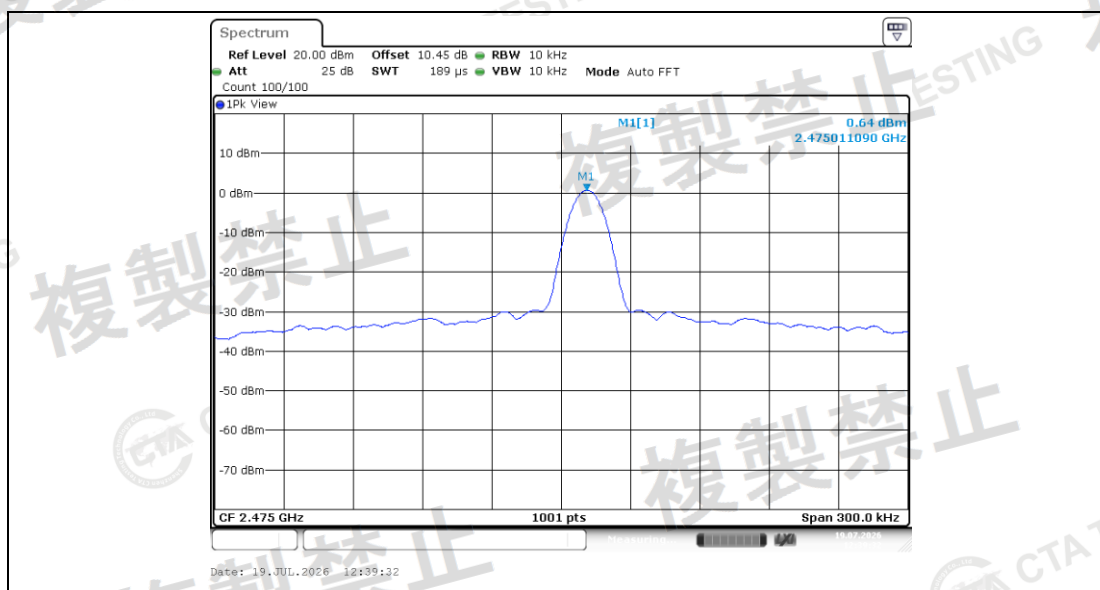
Test Graphs





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Appendix B: Occupied Bandwidth

Test Result

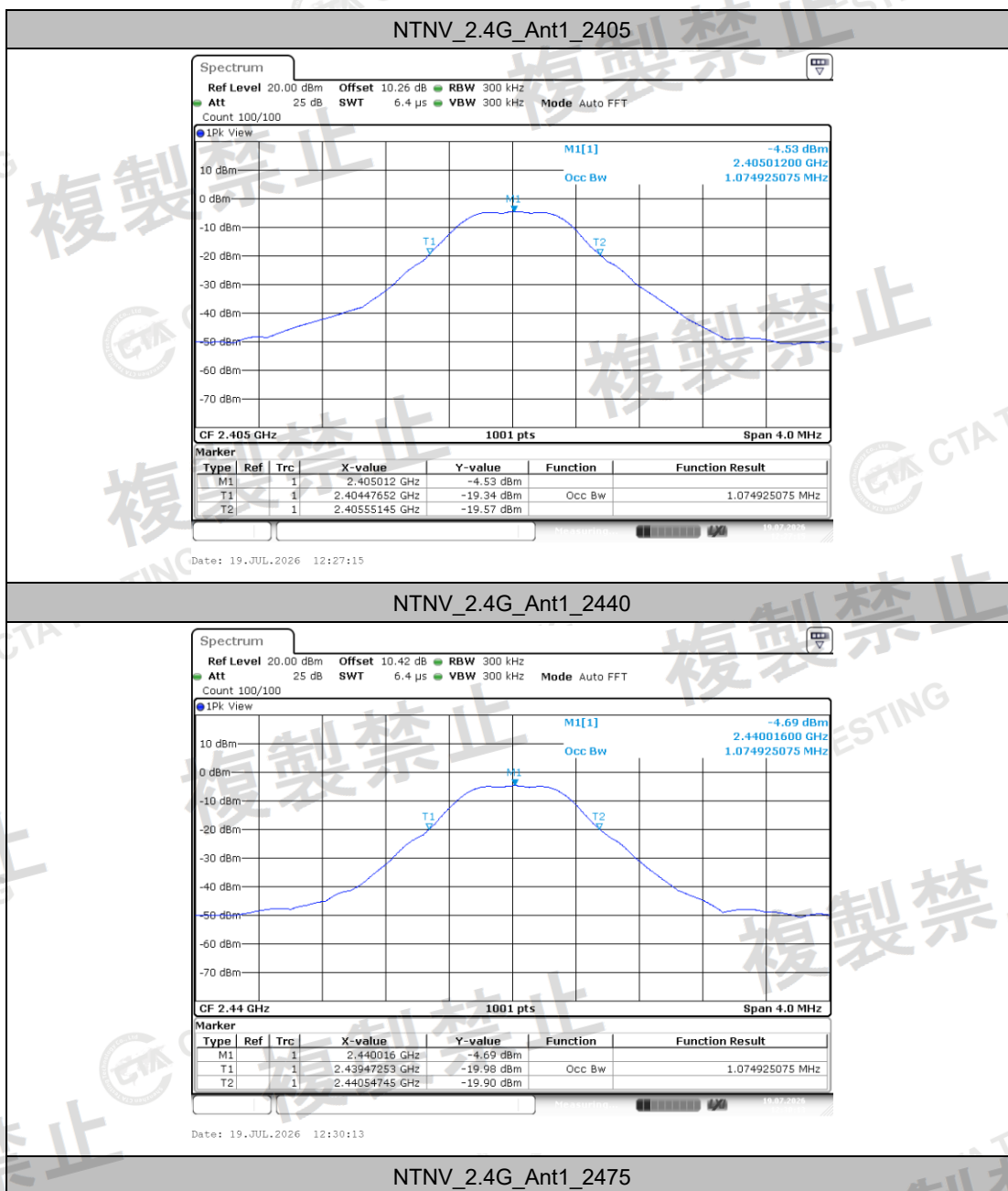
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2405	1.075	≤26	PASS
			2440	1.075	≤26	PASS
			2475	1.079	≤26	PASS



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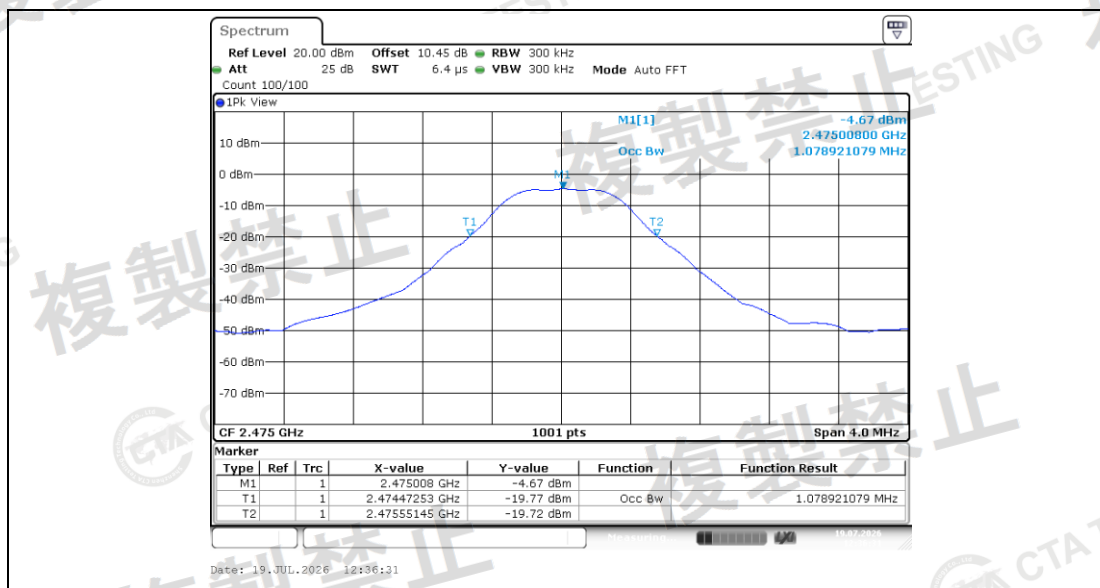
Test Graphs





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Appendix C: Spread Bandwidth

Test Result

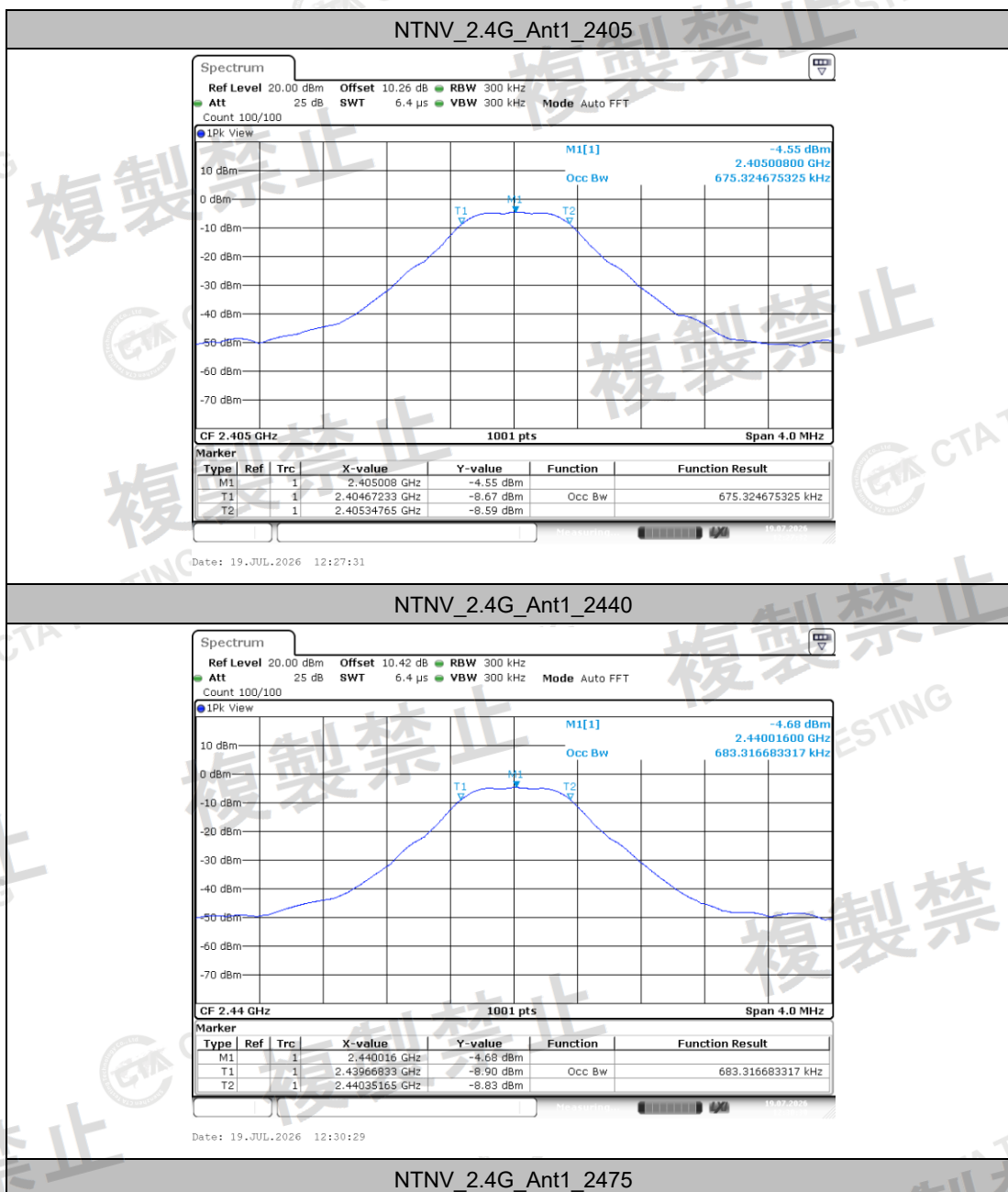
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2405	0.675	≥ 0.5	PASS
			2440	0.683	≥ 0.5	PASS
			2475	0.679	≥ 0.5	PASS



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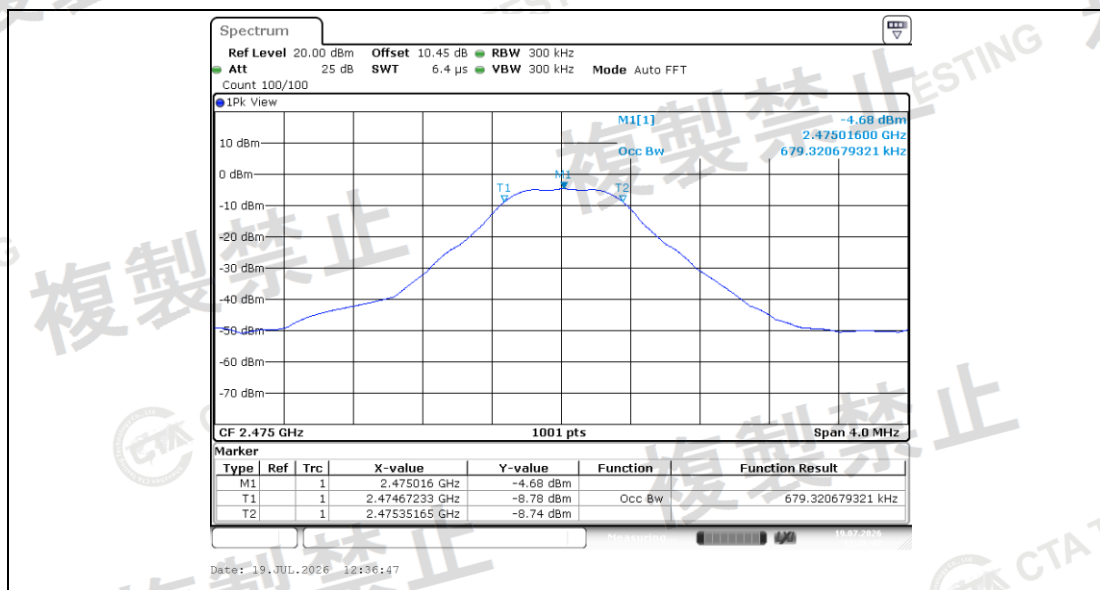
Test Graphs





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Appendix D: Spurious Emission of TX

Test Result

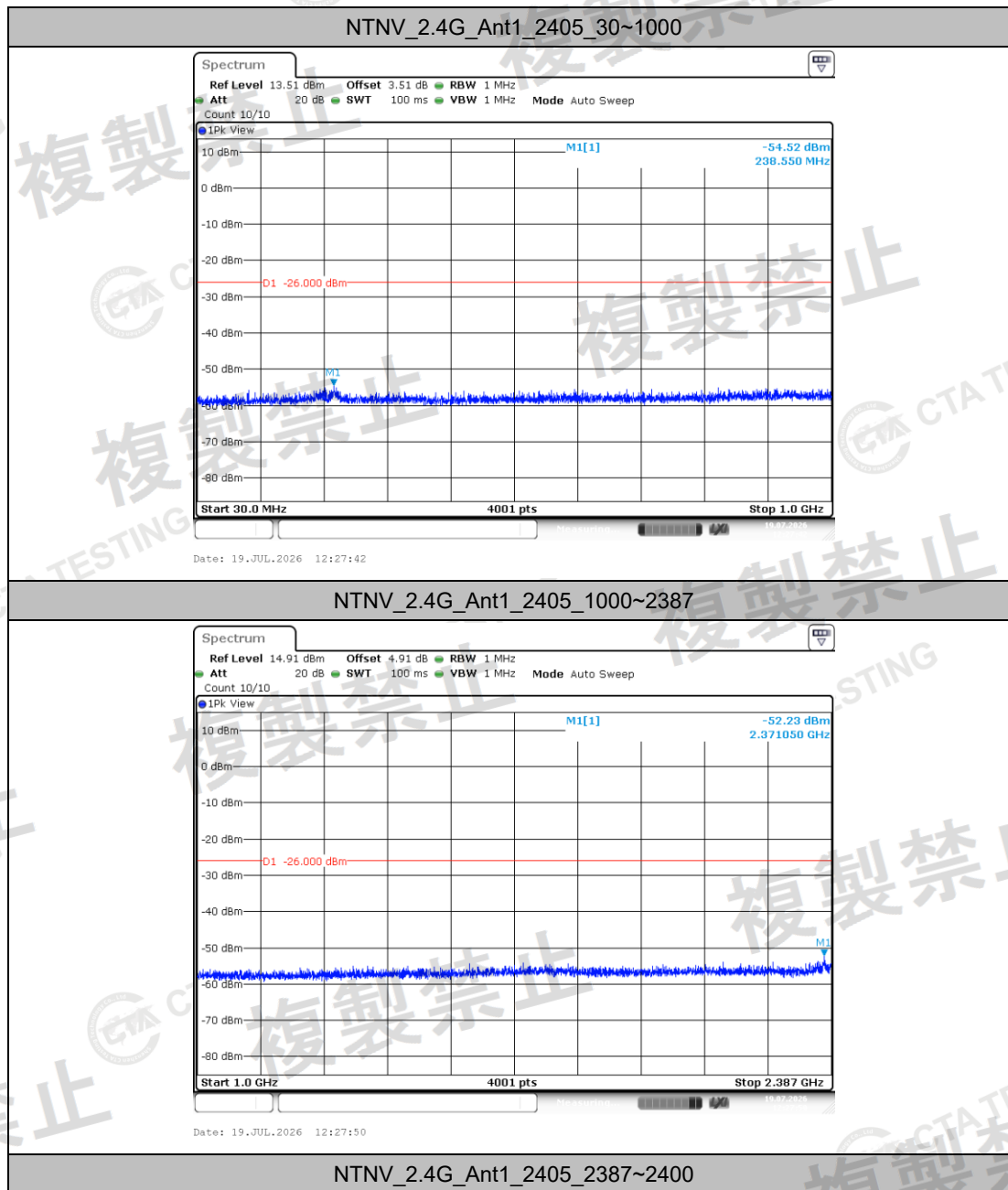
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	2.4G	Ant1	2405	30~1000	238.55	-54.52	≤-26	0.00353	≤2.5	PASS
				1000~2387	2371.05	-52.23	≤-26	0.00598	≤2.5	PASS
				2387~2400	2399.64	-43.45	≤-16	0.04519	≤25	PASS
				2483.5~2496.5	2484.13	-43.31	≤-16	0.04667	≤25	PASS
				2496.5~13000	4809.90	-40.85	≤-26	0.08222	≤2.5	PASS
			2440	30~1000	993.94	-54.60	≤-26	0.00347	≤2.5	PASS
				1000~2387	1712.92	-53.94	≤-26	0.00404	≤2.5	PASS
				2387~2400	2391.34	-44.06	≤-16	0.03926	≤25	PASS
				2483.5~2496.5	2494.81	-43.52	≤-16	0.04446	≤25	PASS
				2496.5~13000	4879.74	-40.20	≤-26	0.09550	≤2.5	PASS
			2475	30~1000	938.65	-54.83	≤-26	0.00329	≤2.5	PASS
				1000~2387	2048.92	-53.74	≤-26	0.00423	≤2.5	PASS
				2387~2400	2387.96	-43.43	≤-16	0.04539	≤25	PASS
				2483.5~2496.5	2483.81	-43.36	≤-16	0.04613	≤25	PASS
				2496.5~13000	4950.12	-39.85	≤-26	0.10351	≤2.5	PASS



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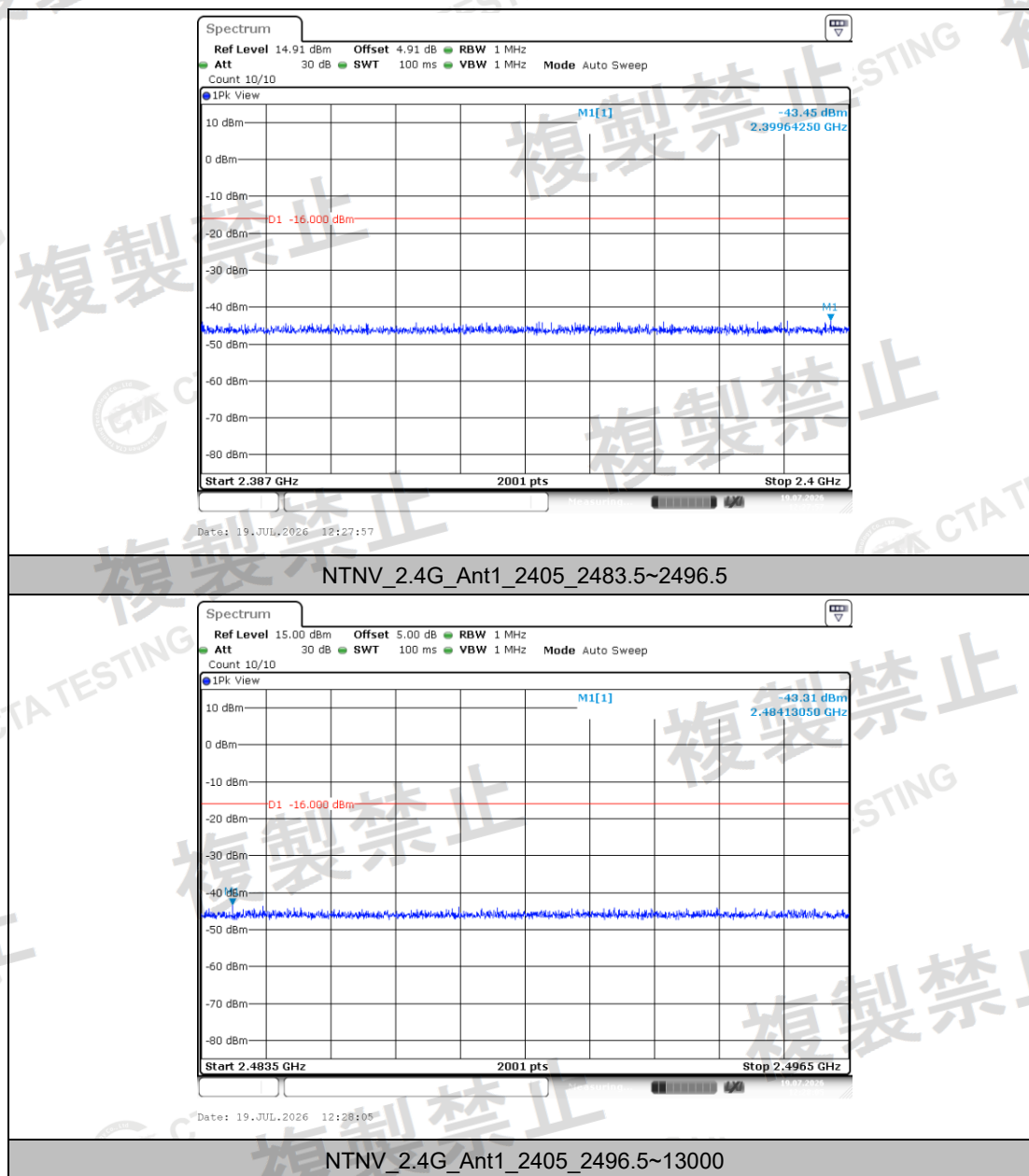
Test Graphs





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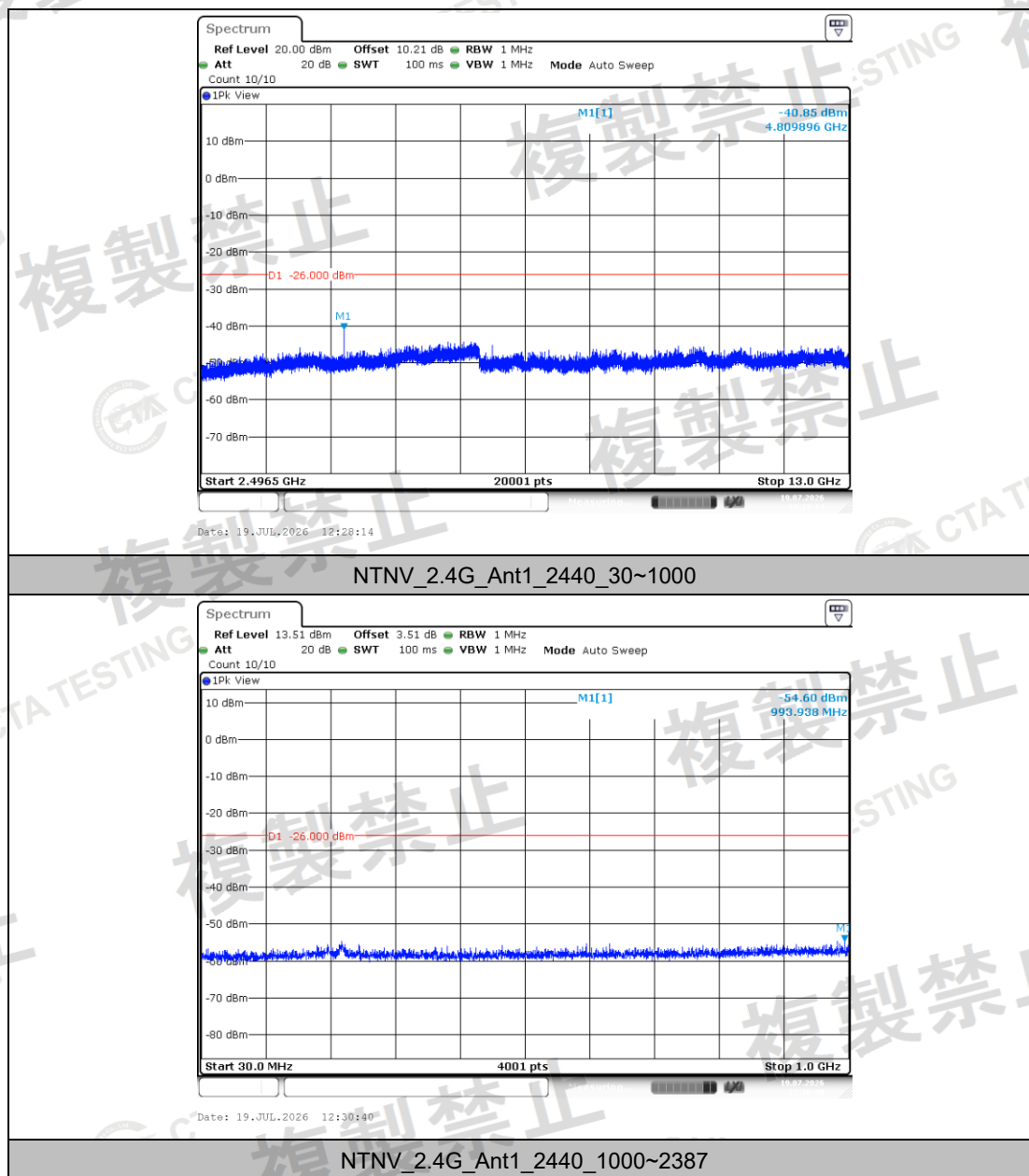
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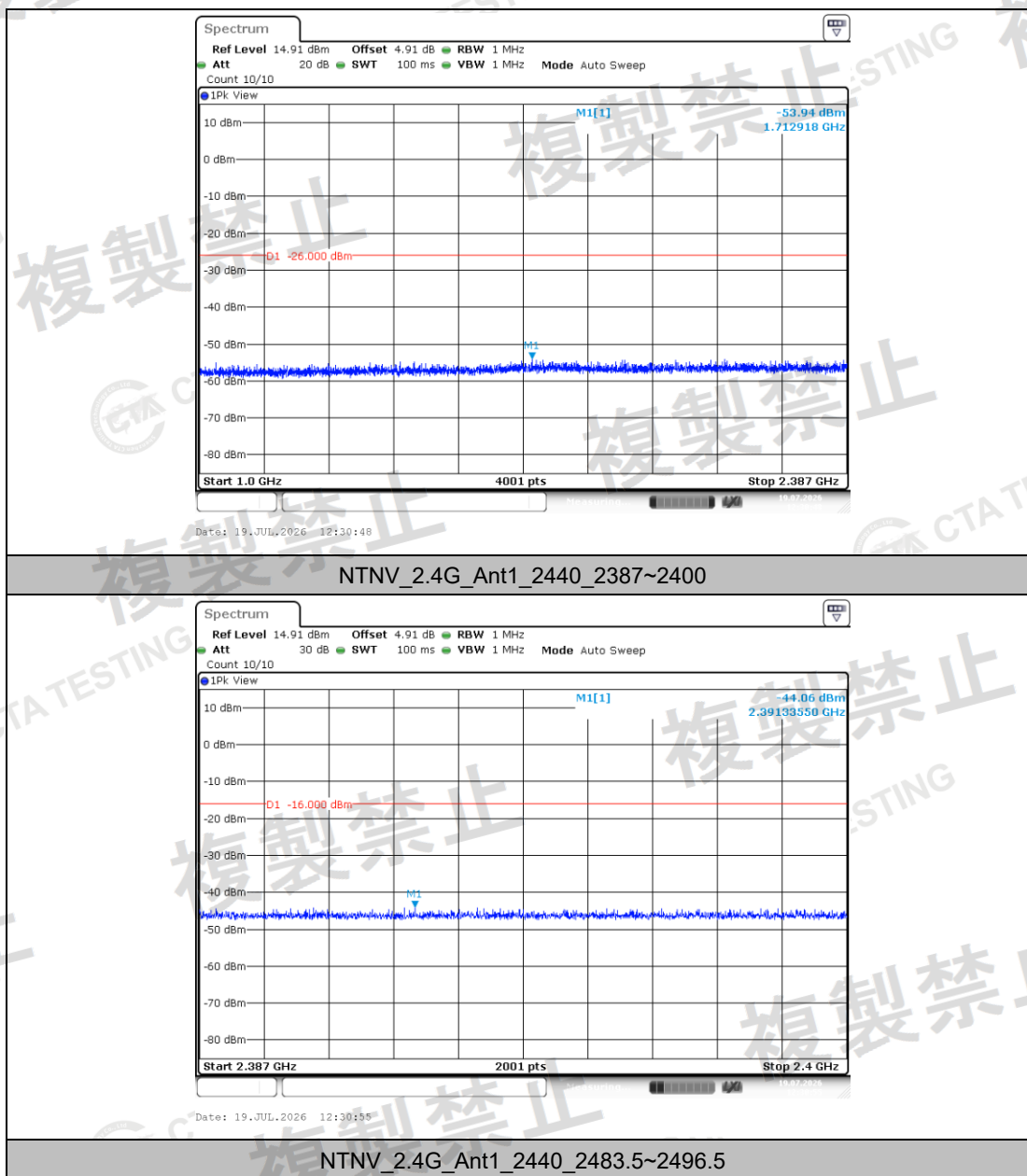
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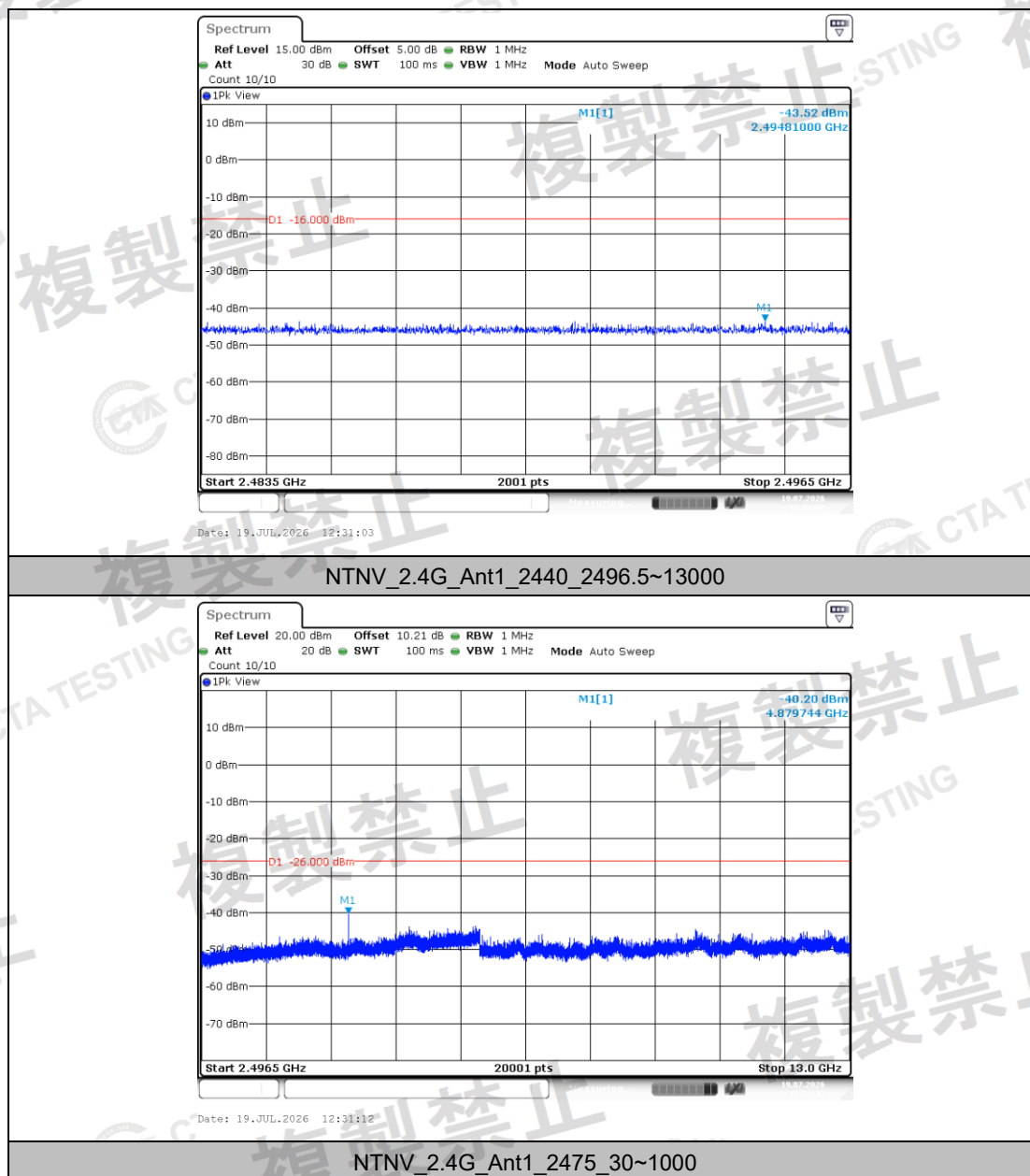
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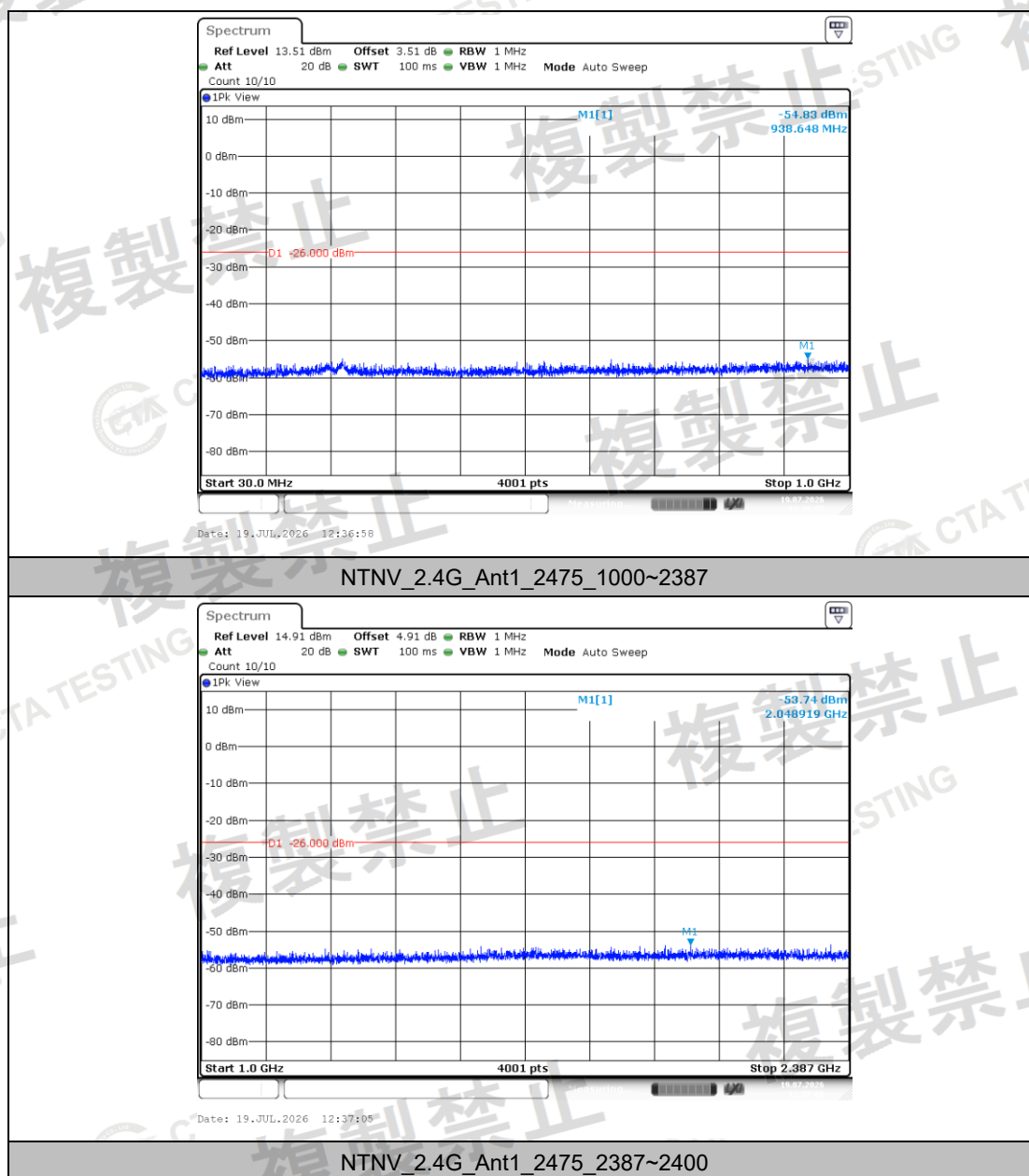
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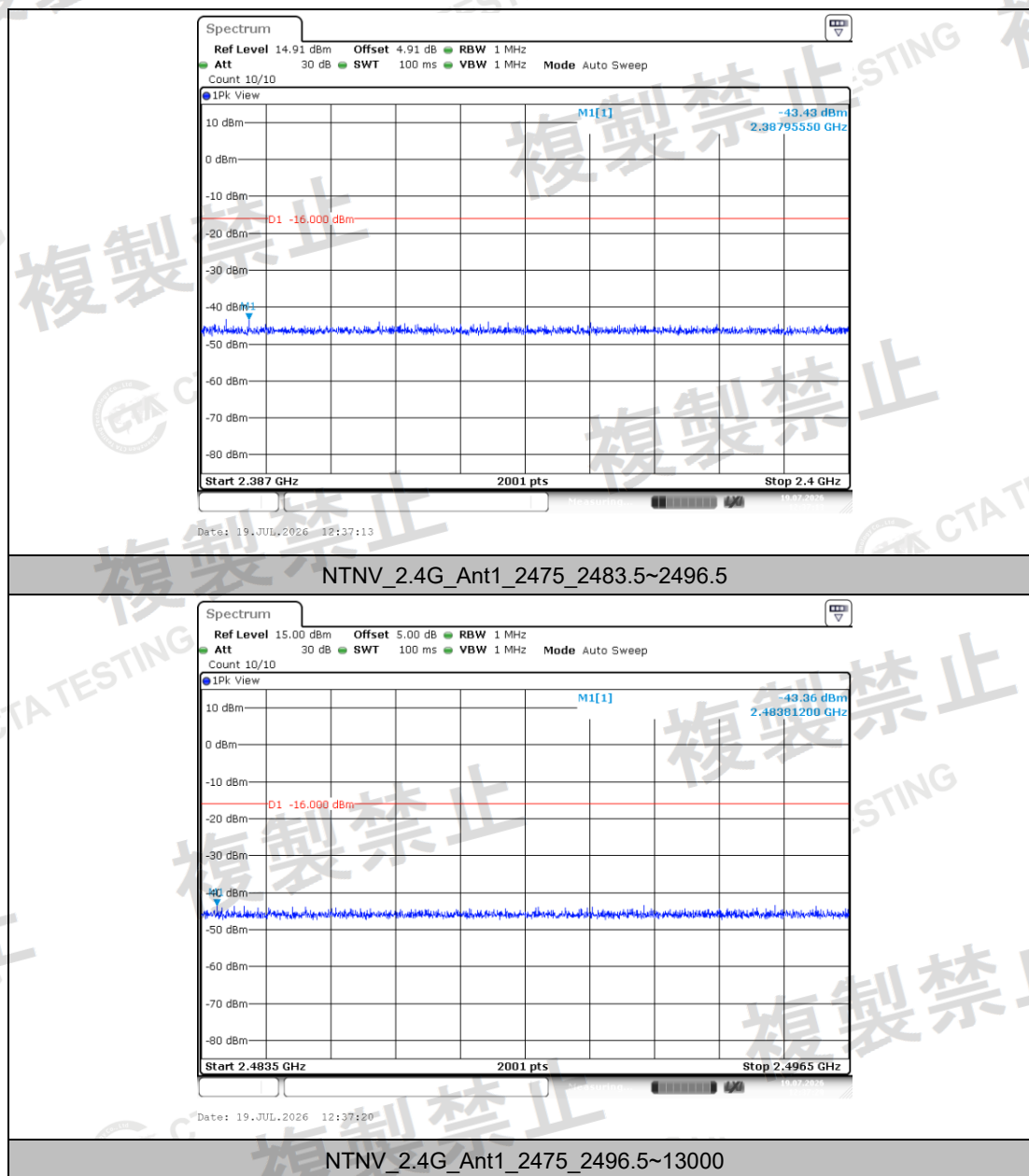
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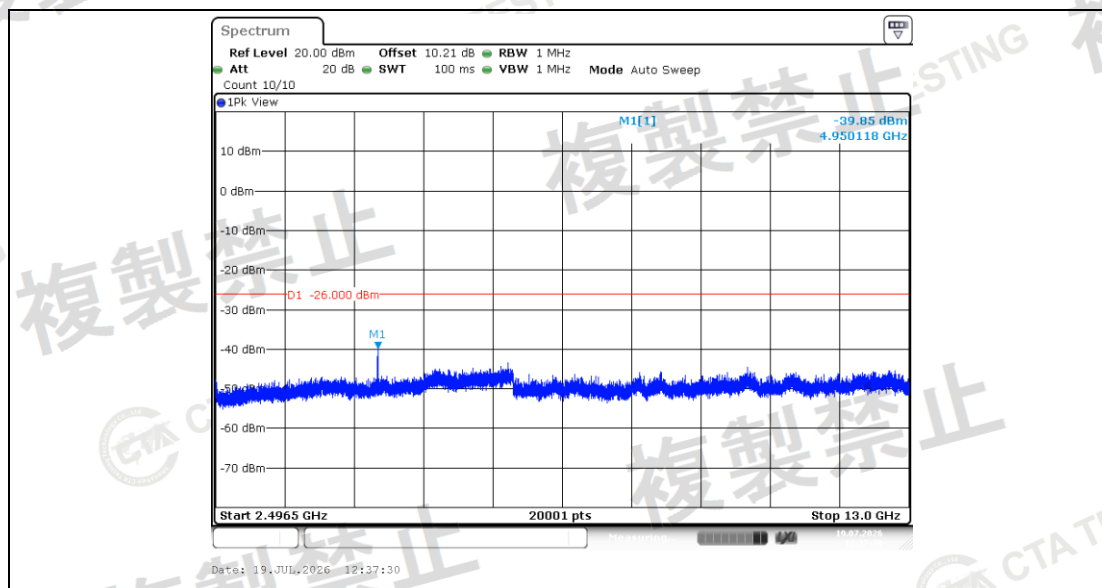
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Appendix E: Spurious Emission of RX

Test Result

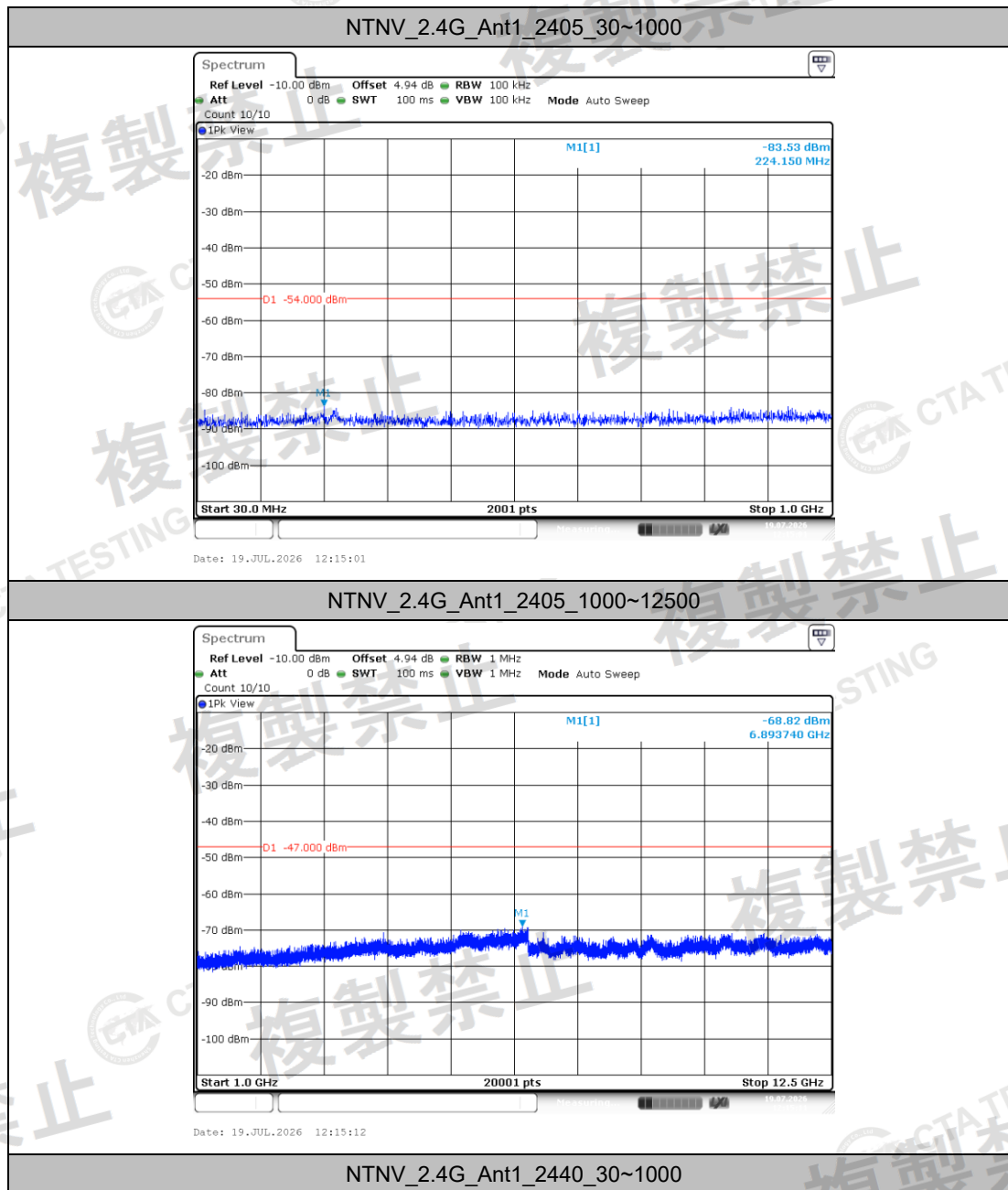
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant1	2405	30~1000	224.15	-83.53	≤-54	0.0044 4	≤4	PASS
				1000~12500	6893.7 4	-68.82	≤-47	0.1312 2	≤20	PASS
			2440	30~1000	990.55	-83.10	≤-54	0.0049 0	≤4	PASS
				1000~12500	6970.7 9	-68.92	≤-47	0.1282 3	≤20	PASS
			2475	30~1000	882.93	-83.14	≤-54	0.0048 5	≤4	PASS
				1000~12500	6915.0 2	-68.95	≤-47	0.1273 5	≤20	PASS



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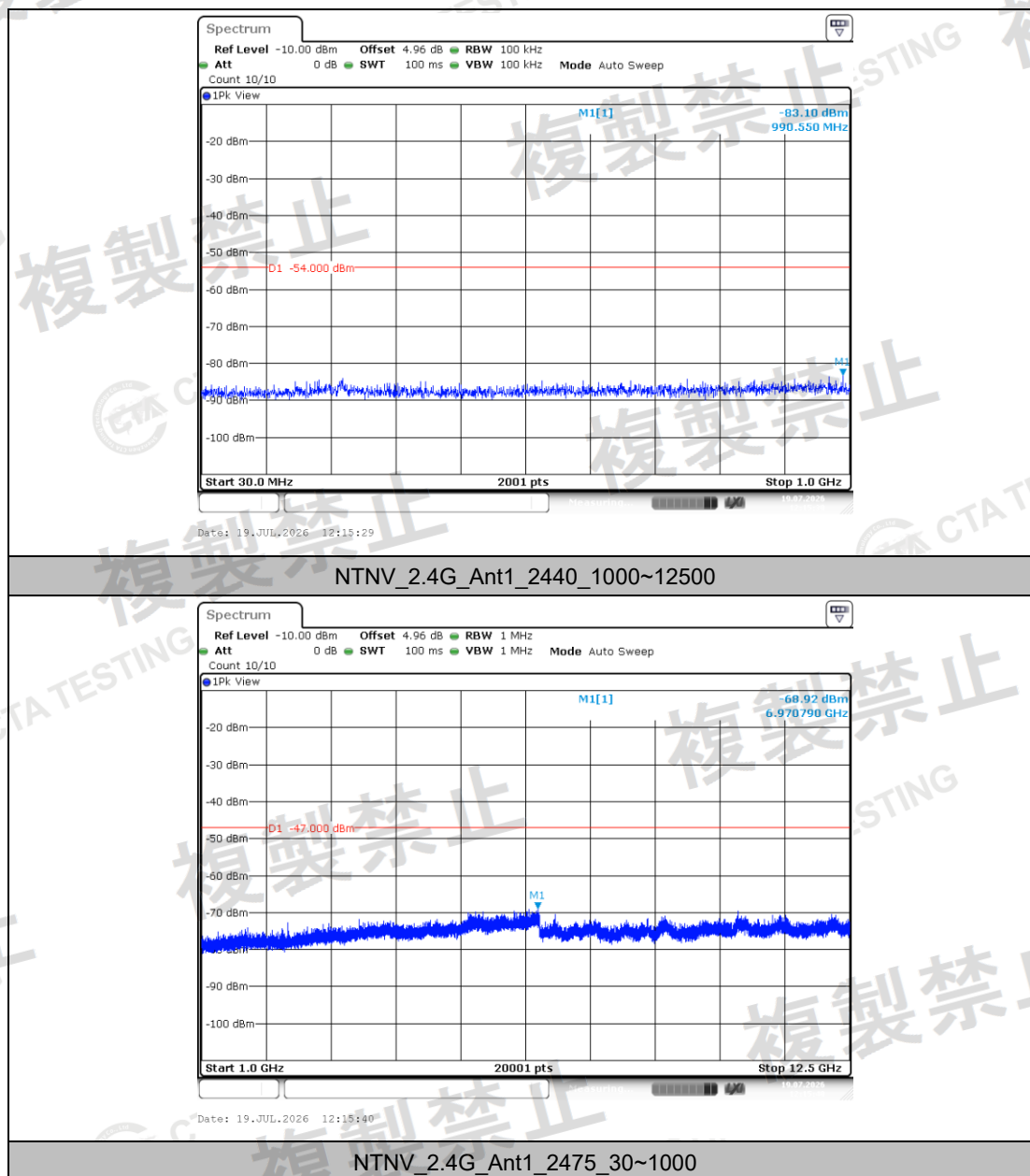
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