



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 : Cradle Co., Ltd.

EUT : LED Light

Model Number : S1500

Report No. : CTA26072901501

Reviewed By : Eric Wang



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Appendix A: Frequency Error

Test Result

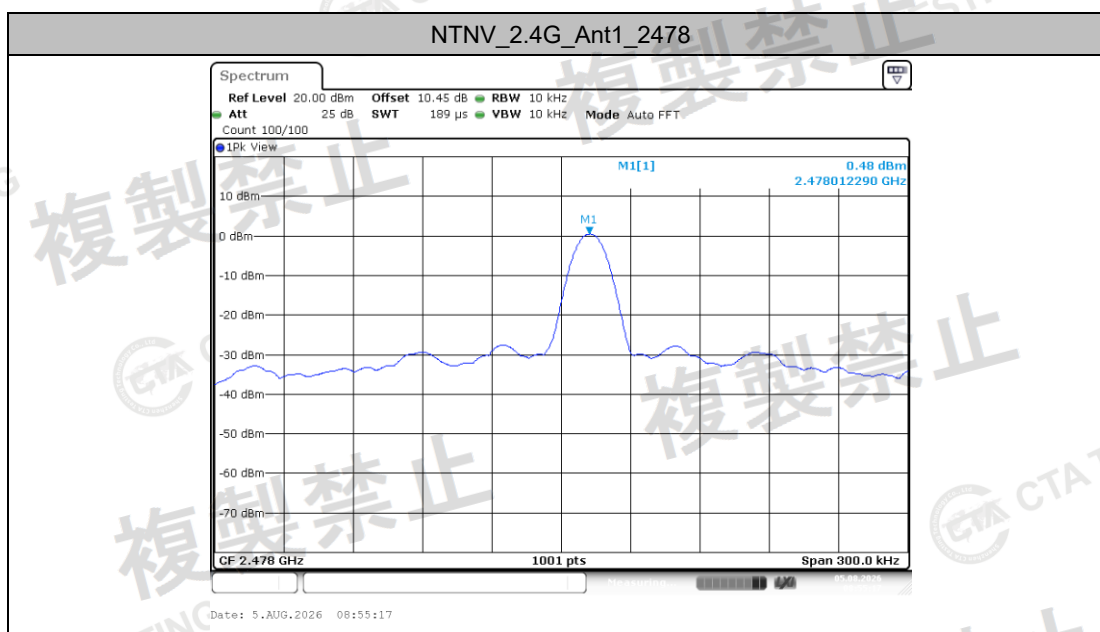
TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	2.4G	Ant1	2478	4.95965	±50	PASS



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Test Graphs





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Appendix B: Occupied Bandwidth

Test Result

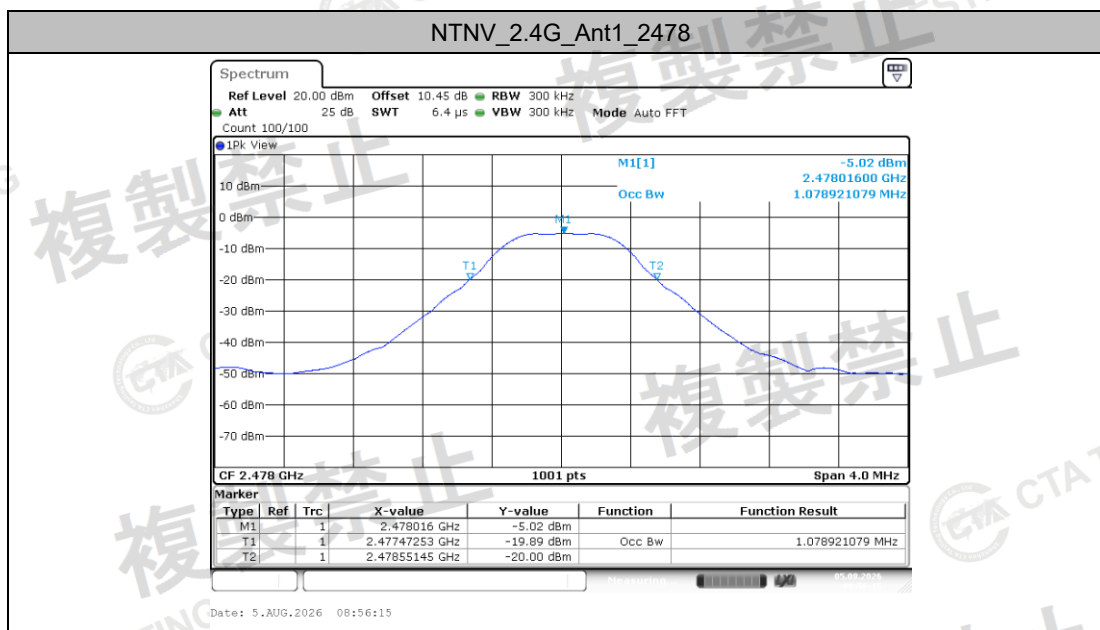
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2478	1.079	≤26	PASS



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Appendix C: Spread Bandwidth

Test Result

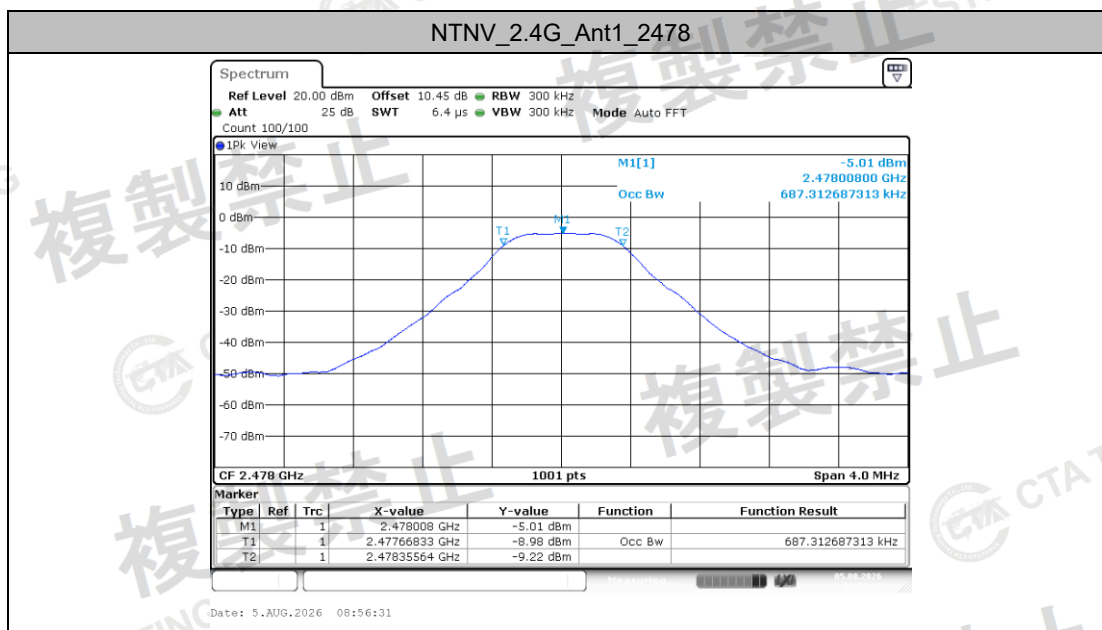
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2478	0.687	≥0.5	PASS



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Appendix D: Spurious Emission of TX

Test Result

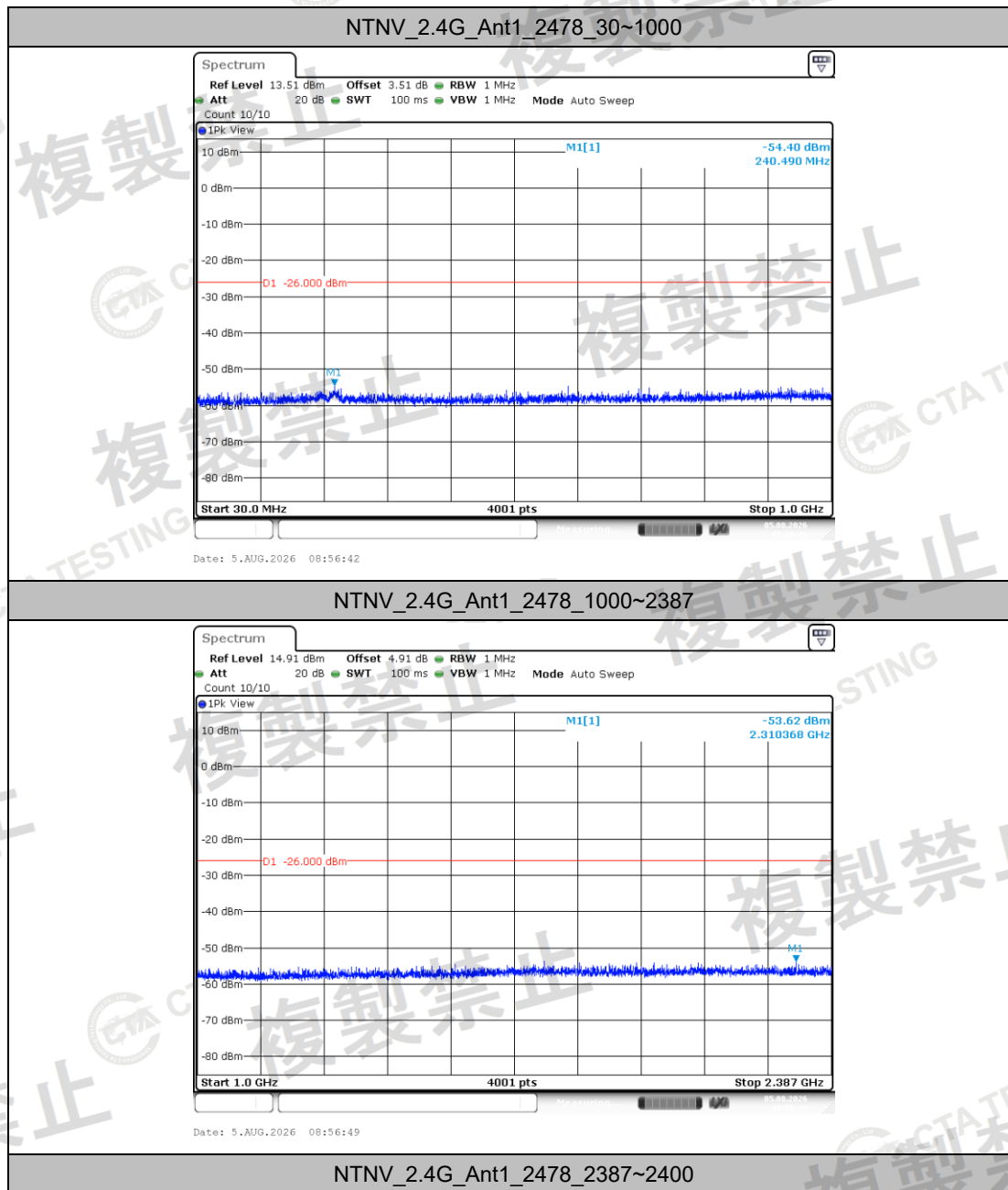
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	2.4G	Ant1	2478	30~1000	240.49	-54.40	≤-26	0.00363	≤2.5	PASS
				1000~2387	2310.37	-53.62	≤-26	0.00435	≤2.5	PASS
				2387~2400	2399.82	-43.86	≤-16	0.04111	≤25	PASS
				2483.5~2496.5	2495.45	-42.98	≤-16	0.05035	≤25	PASS
				2496.5~13000	4956.42	-39.75	≤-26	0.10593	≤2.5	PASS



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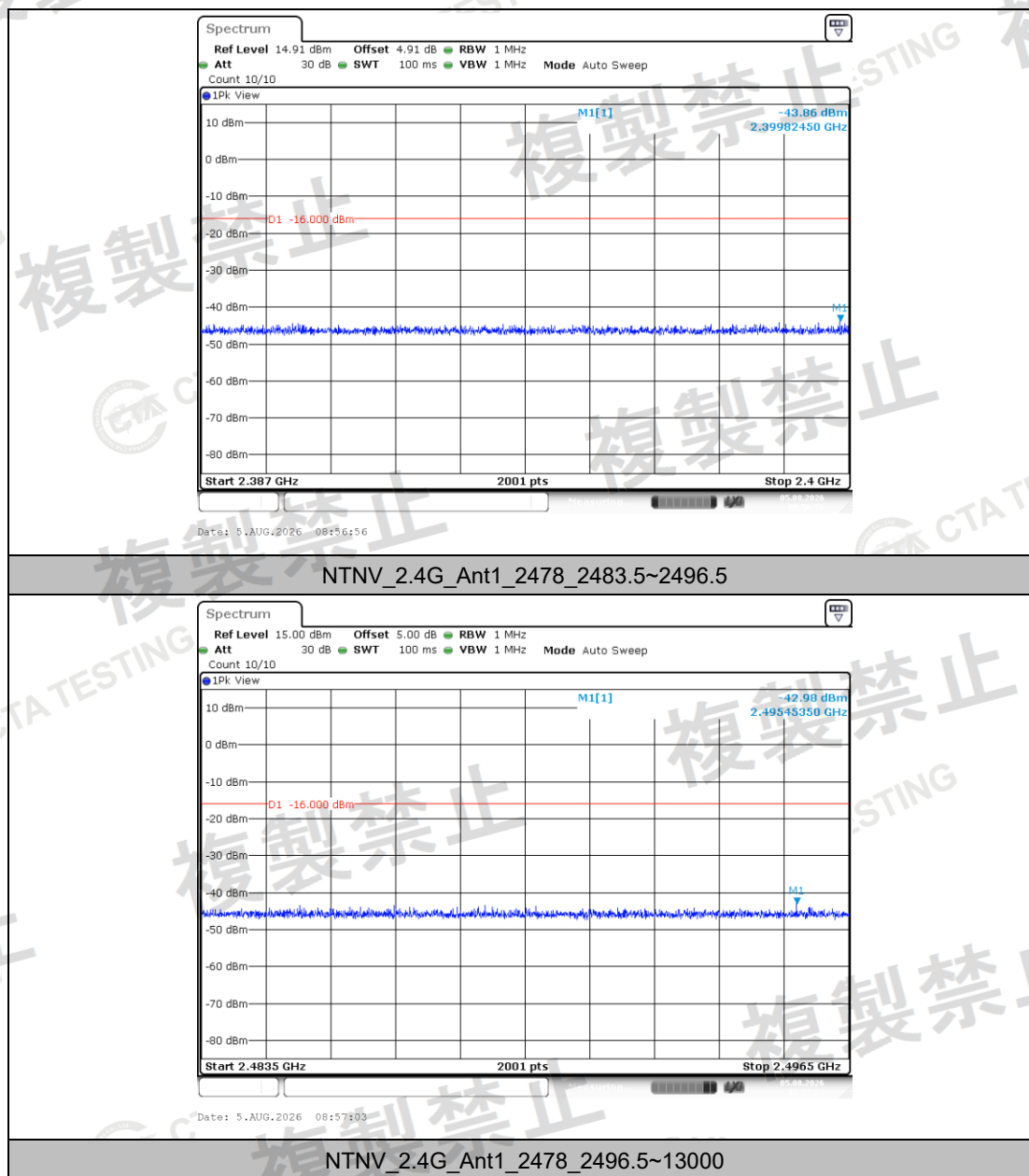
Test Graphs





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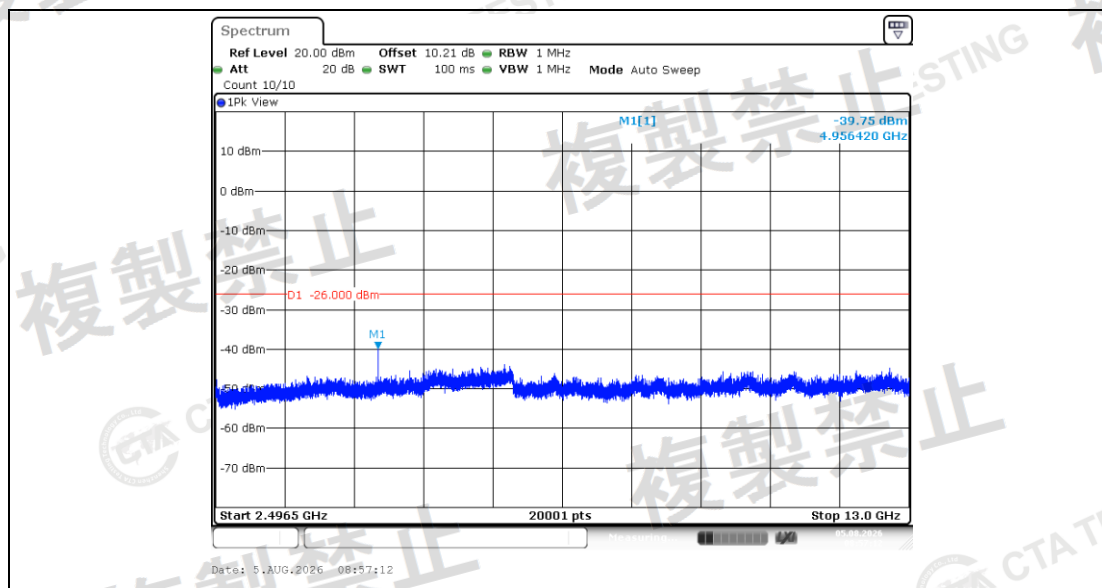
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Appendix E: Spurious Emission of RX

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	2478	30~1000	869.36	-83.91	≤-54	0.0040 6	≤4	PASS
				1000~12500	6244.0 3	-69.01	≤-47	0.1256 0	≤20	PASS



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Test Graphs

