

Appendix RF Test Data for 2.4G

Company : Dongguan Evil Dragon Electronic Technology
Co., Ltd.

EUT : Mouse for e-Sports

Model Number : KO-1

Report No. : CTA25091602901

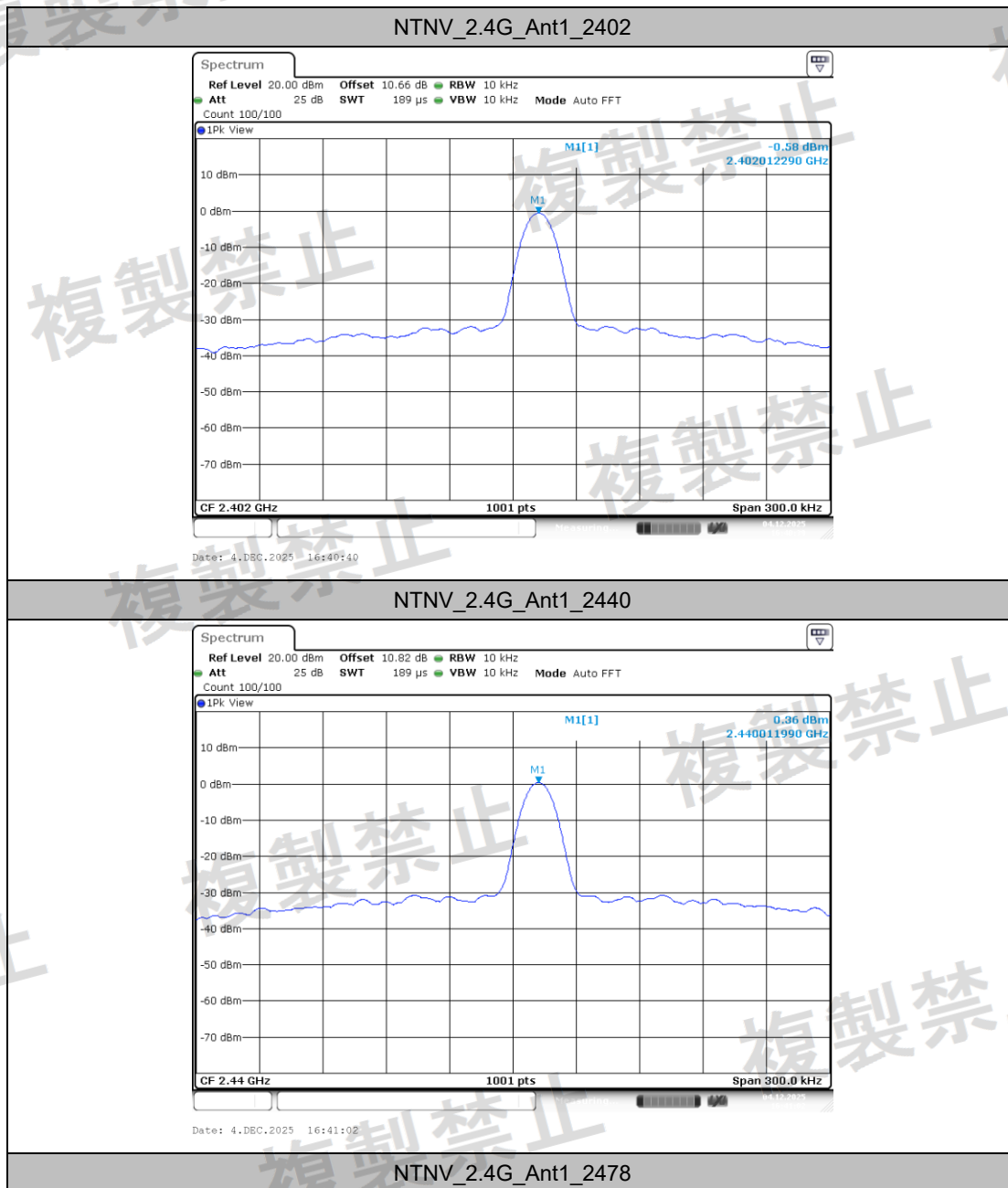
Reviewed By : Eric Wang

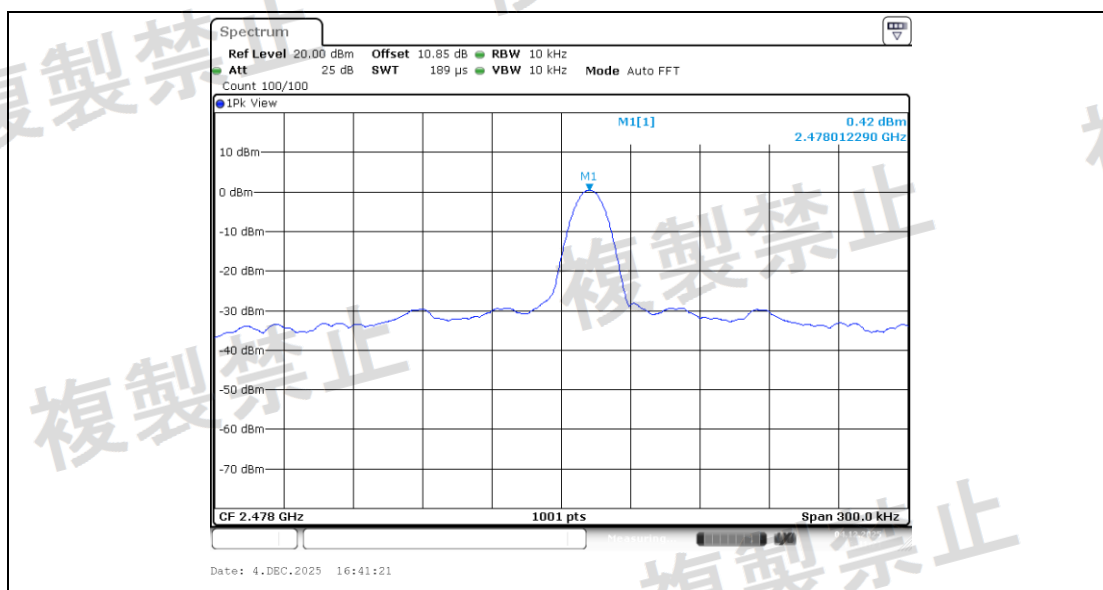
Appendix A: Frequency Error

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	2.4G	Ant1	2402	5.11657	±50	PASS
			2440	4.91393	±50	PASS
			2478	4.95965	±50	PASS

Test Graphs



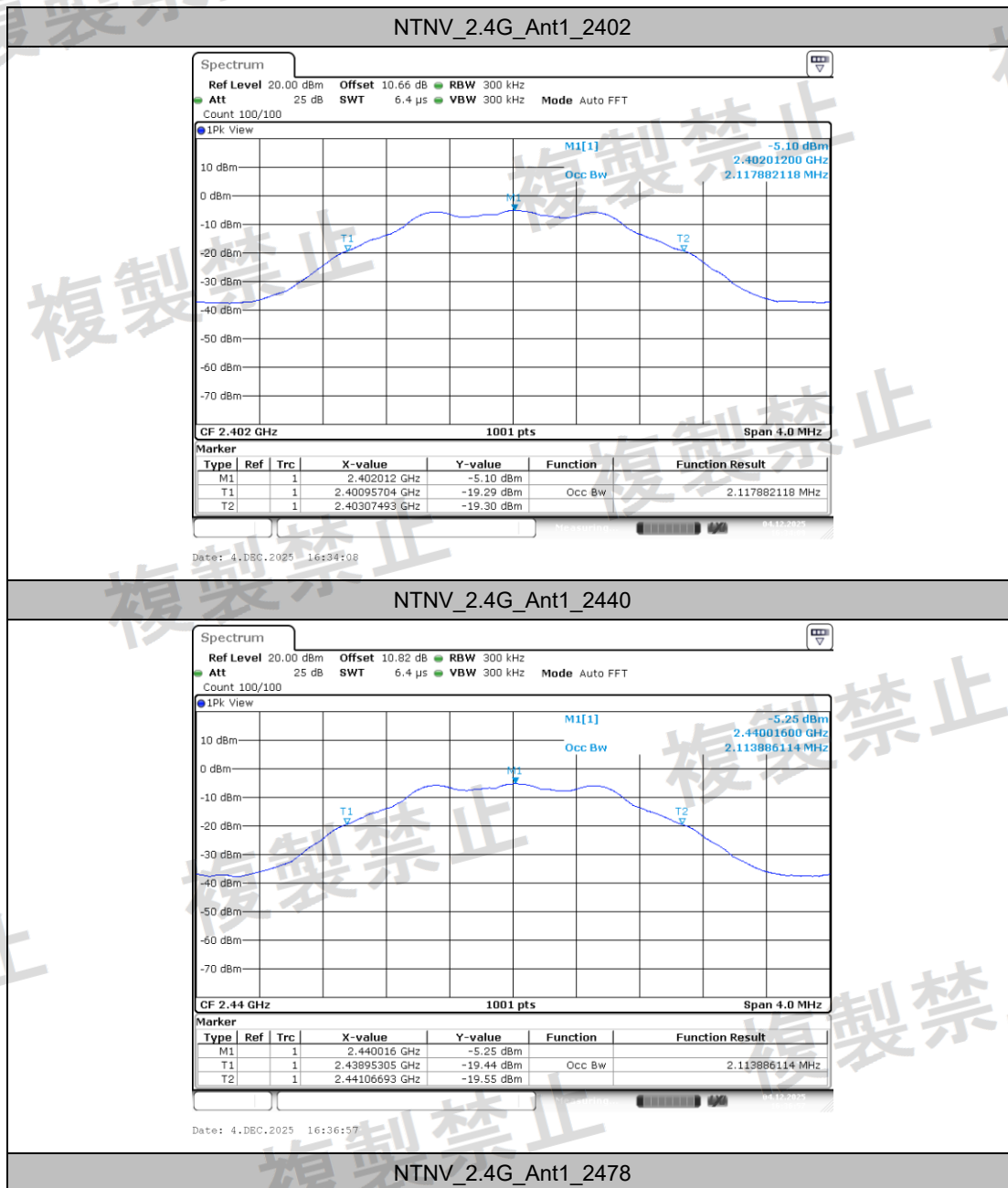


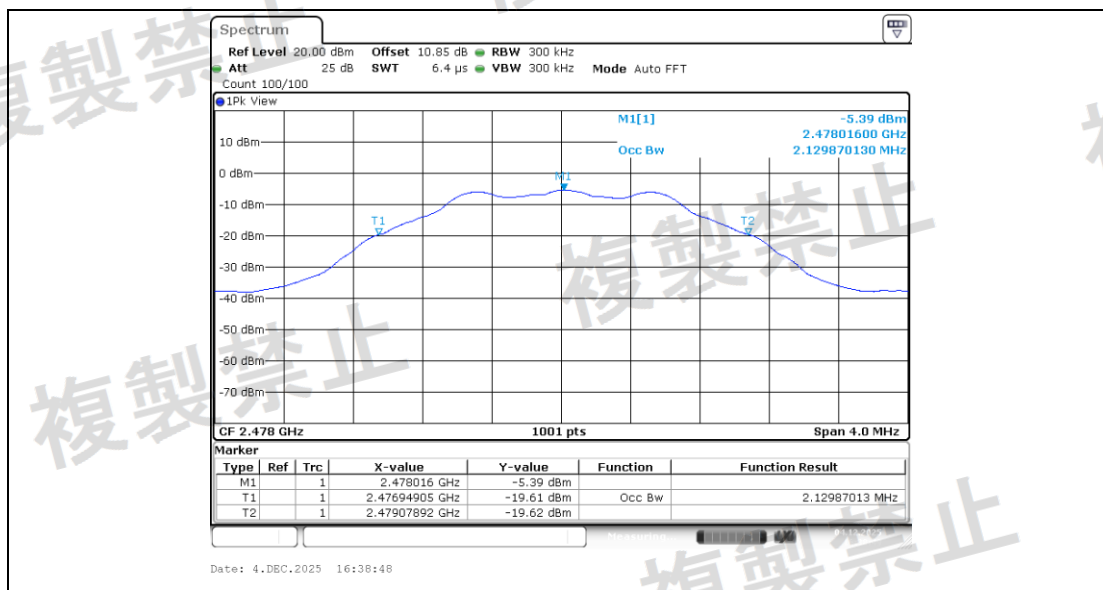
Appendix B: Occupied Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2402	2.118	≤26	PASS
			2440	2.114	≤26	PASS
			2478	2.130	≤26	PASS

Test Graphs



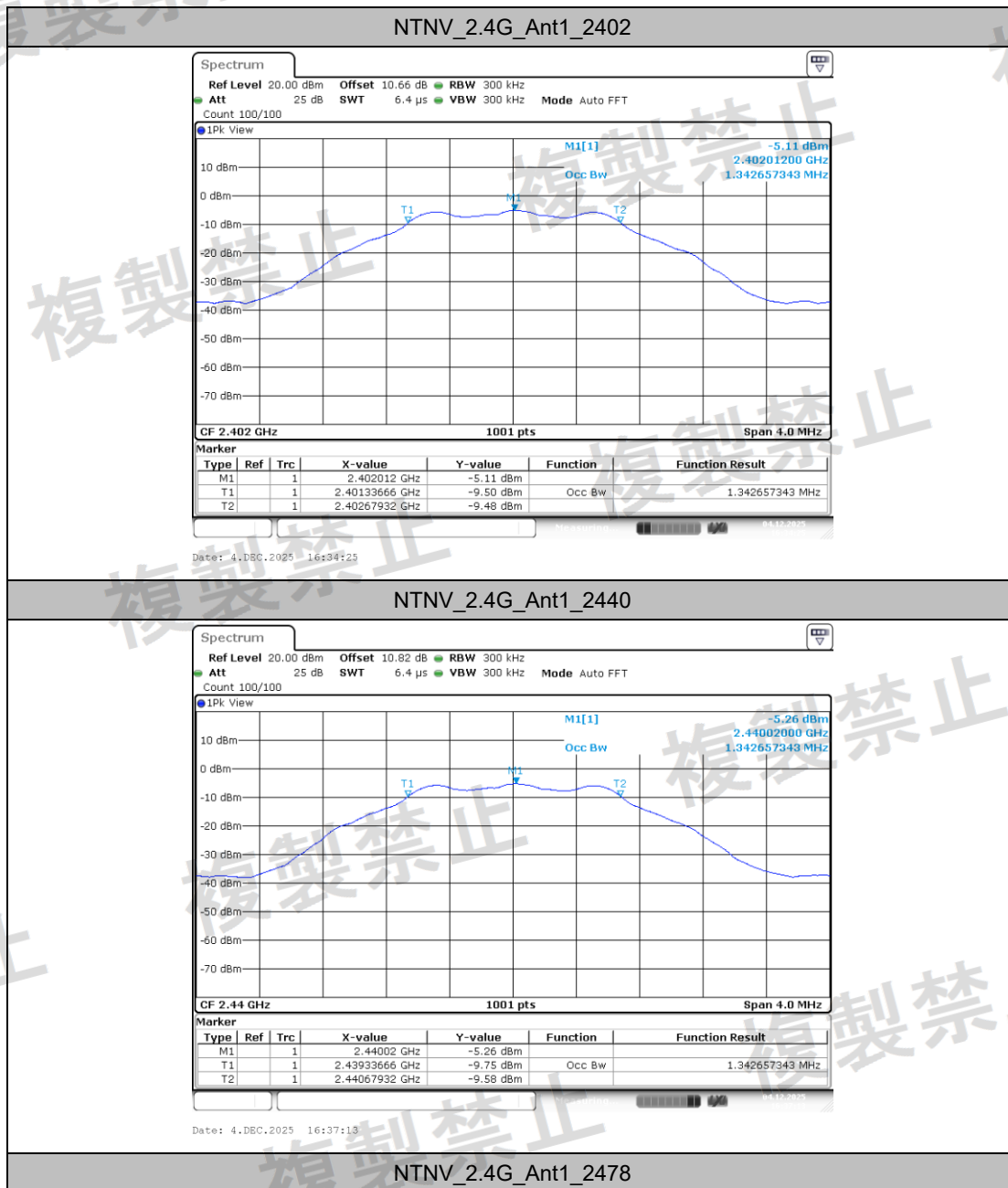


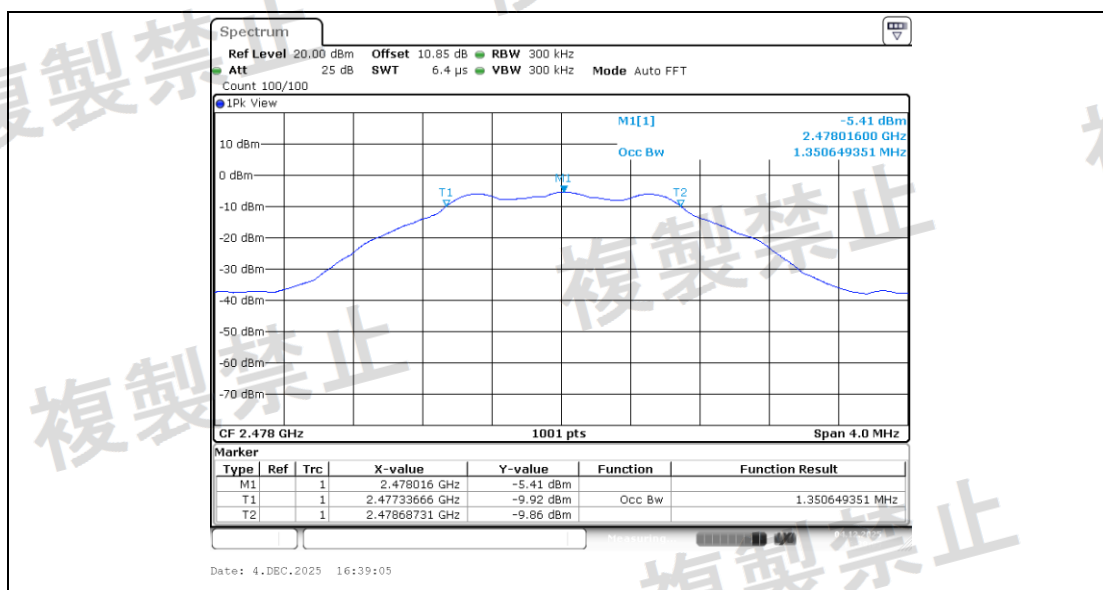
Appendix C: Spread Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2402	1.343	≥0.5	PASS
			2440	1.343	≥0.5	PASS
			2478	1.351	≥0.5	PASS

Test Graphs



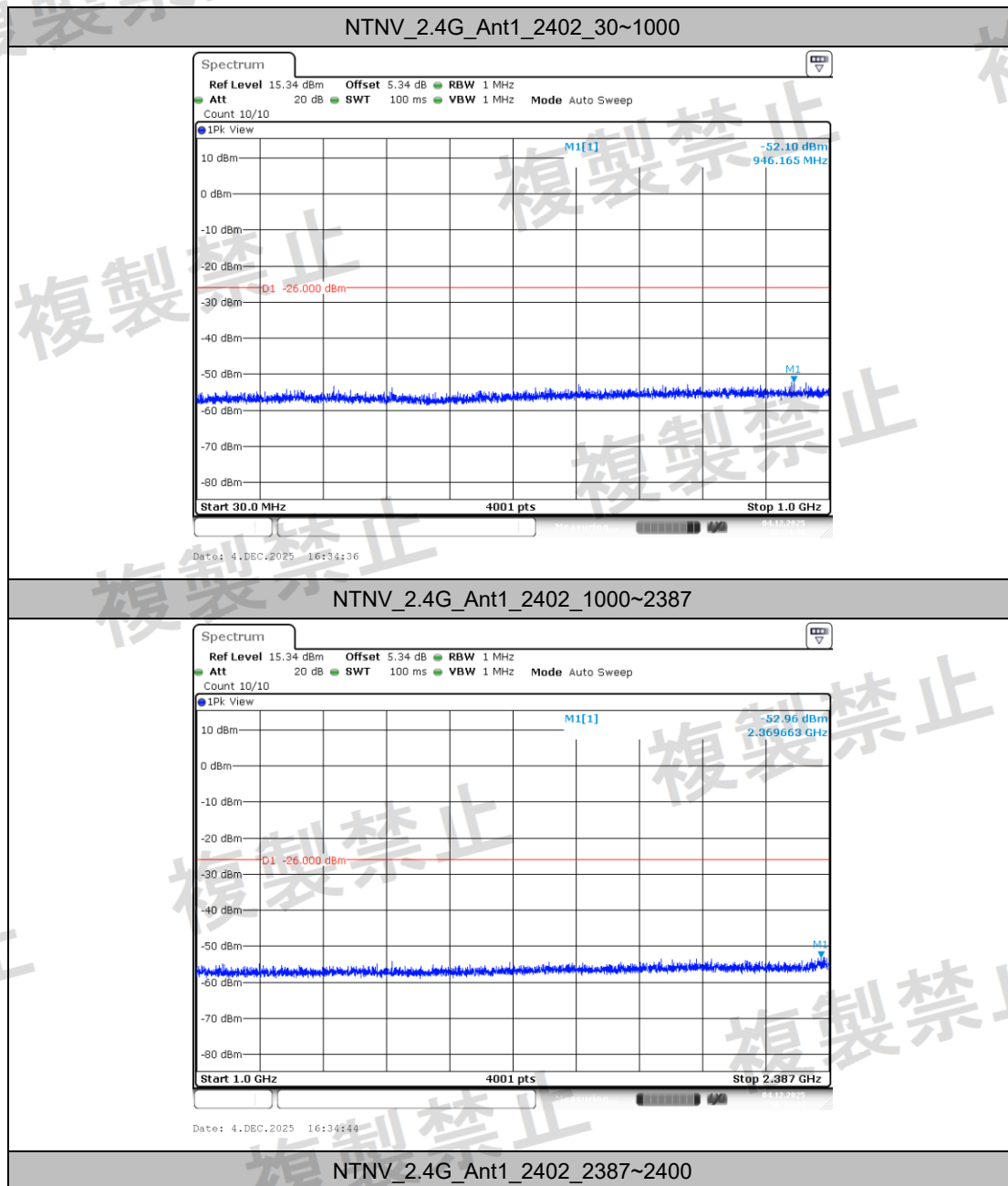


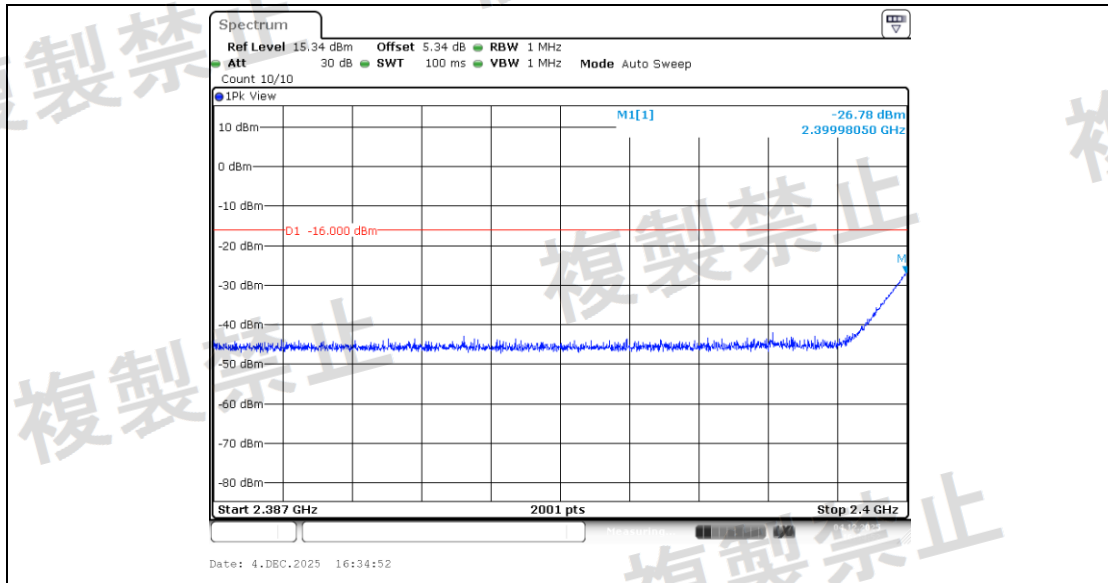
Appendix D: Spurious Emission of TX

Test Result

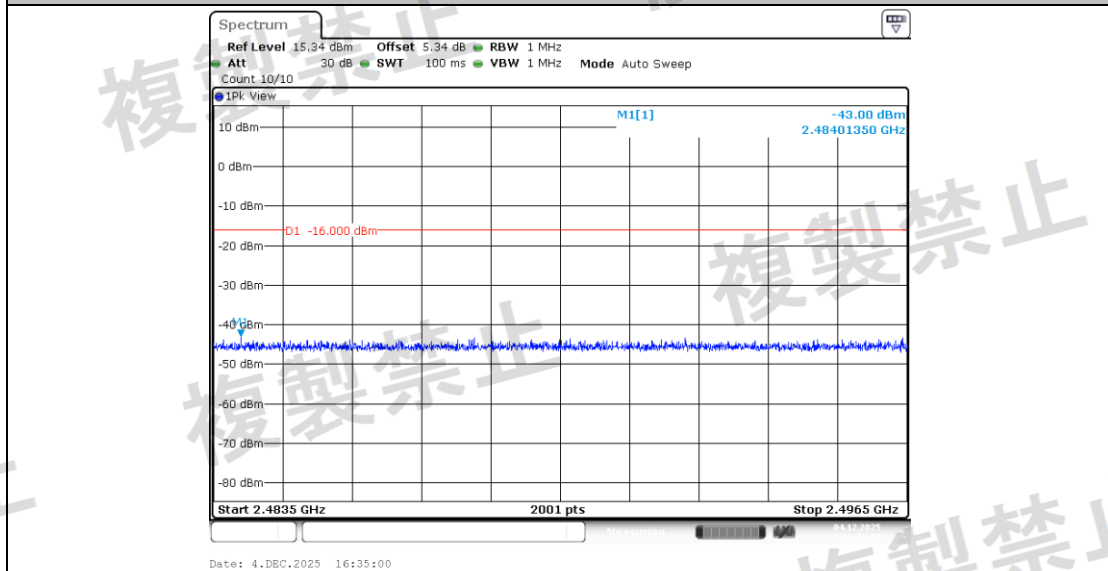
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	946.17	-52.10	≤-26	0.00617	≤2.5	PASS
				1000~2387	2369.66	-52.96	≤-26	0.00506	≤2.5	PASS
				2387~2400	2399.98	-26.78	≤-16	2.09894	≤25	PASS
				2483.5~2496.5	2484.01	-43.00	≤-16	0.05012	≤25	PASS
				2496.5~13000	5213.76	-45.24	≤-26	0.02992	≤2.5	PASS
			2440	30~1000	973.57	-52.93	≤-26	0.00509	≤2.5	PASS
				1000~2387	2265.29	-53.20	≤-26	0.00479	≤2.5	PASS
				2387~2400	2393.88	-43.19	≤-16	0.04797	≤25	PASS
				2483.5~2496.5	2492.50	-43.11	≤-16	0.04887	≤25	PASS
				2496.5~13000	5214.81	-42.66	≤-26	0.05420	≤2.5	PASS
			2478	30~1000	874.14	-52.61	≤-26	0.00548	≤2.5	PASS
				1000~2387	1700.09	-53.72	≤-26	0.00425	≤2.5	PASS
				2387~2400	2388.89	-43.12	≤-16	0.04875	≤25	PASS
				2483.5~2496.5	2489.45	-42.79	≤-16	0.05260	≤25	PASS
				2496.5~13000	5212.18	-42.79	≤-26	0.05260	≤2.5	PASS

Test Graphs

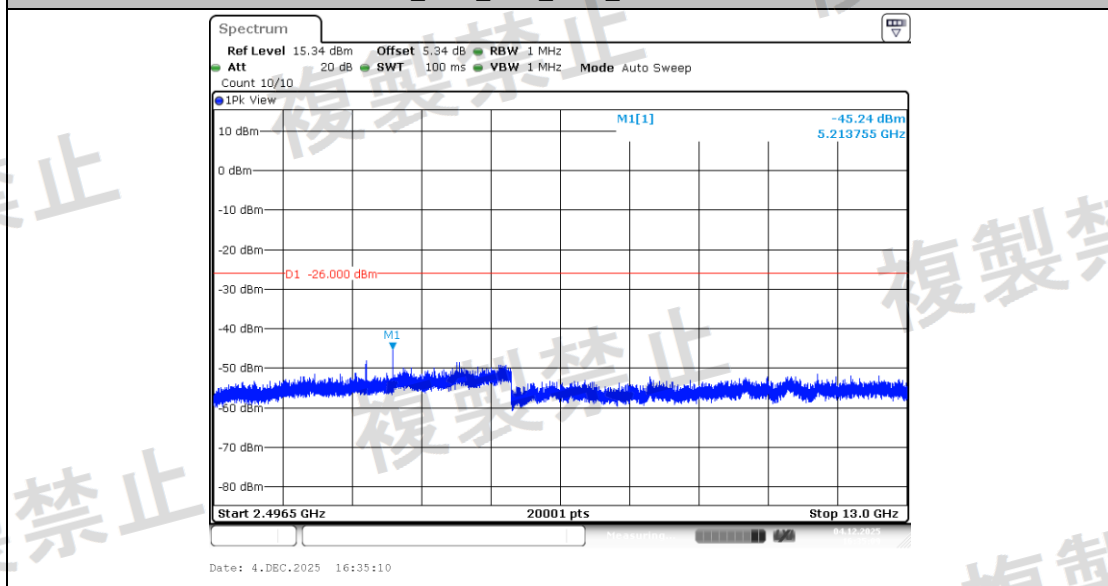


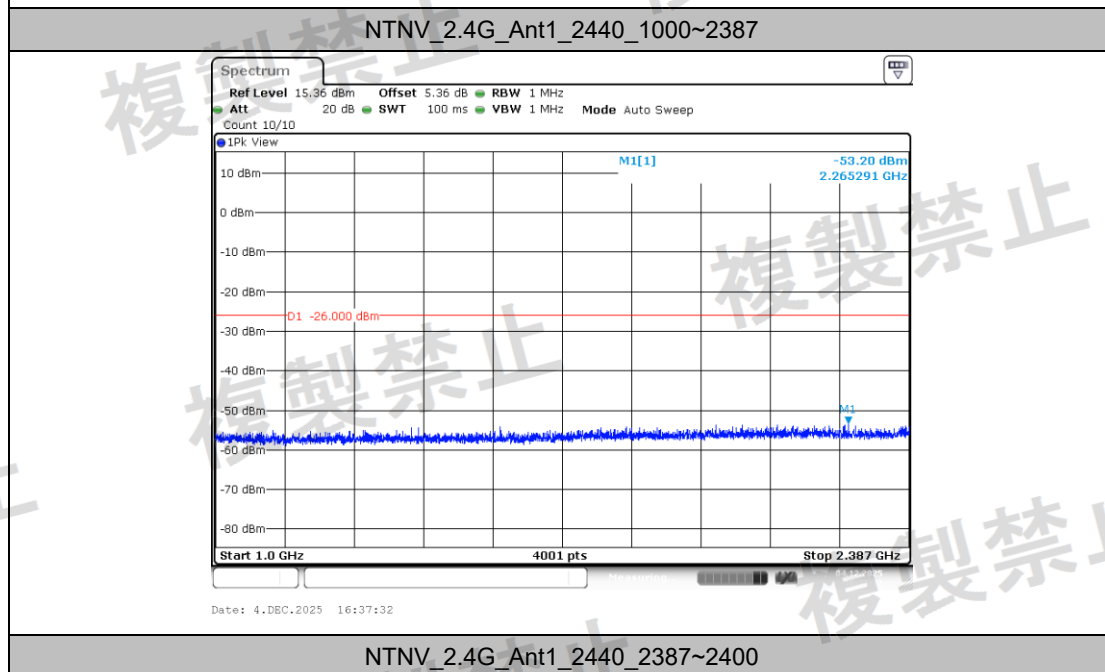
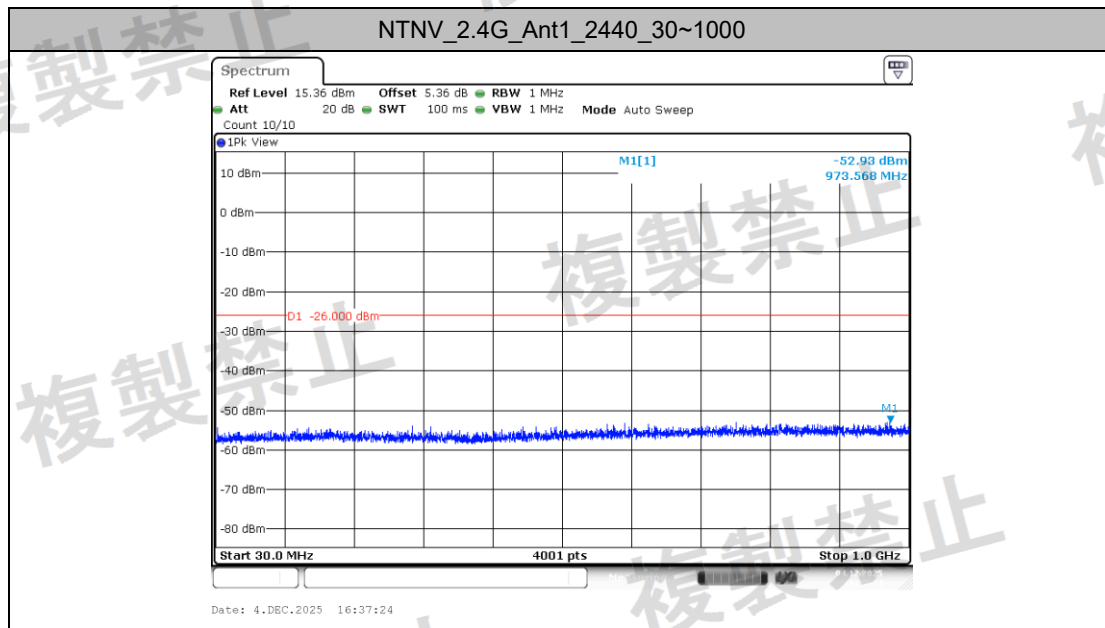


NTNV_2.4G_Ant1_2402_2483.5~2496.5

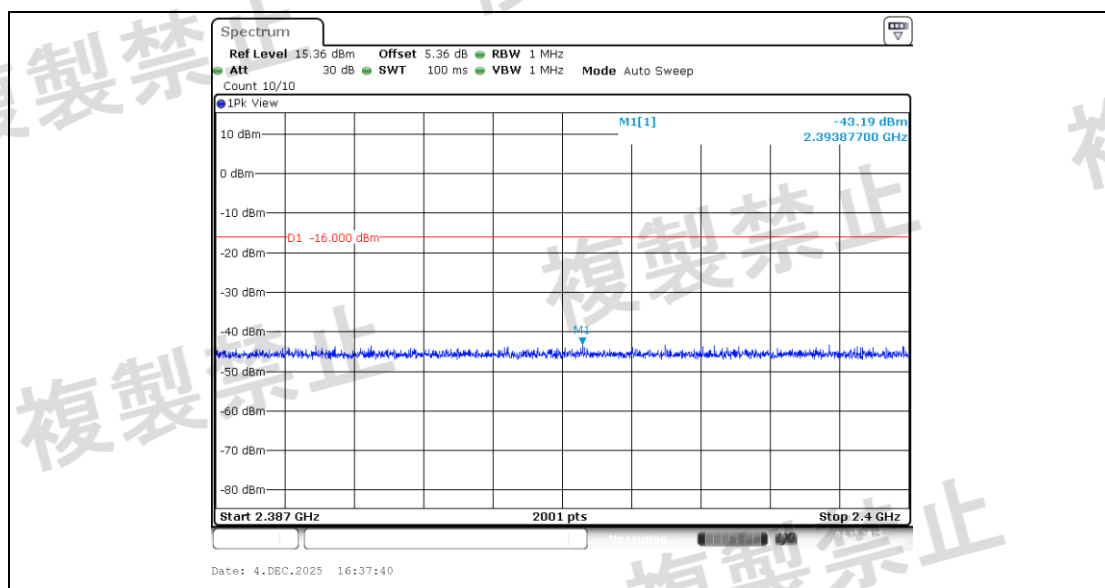


NTNV_2.4G_Ant1_2402_2496.5~13000

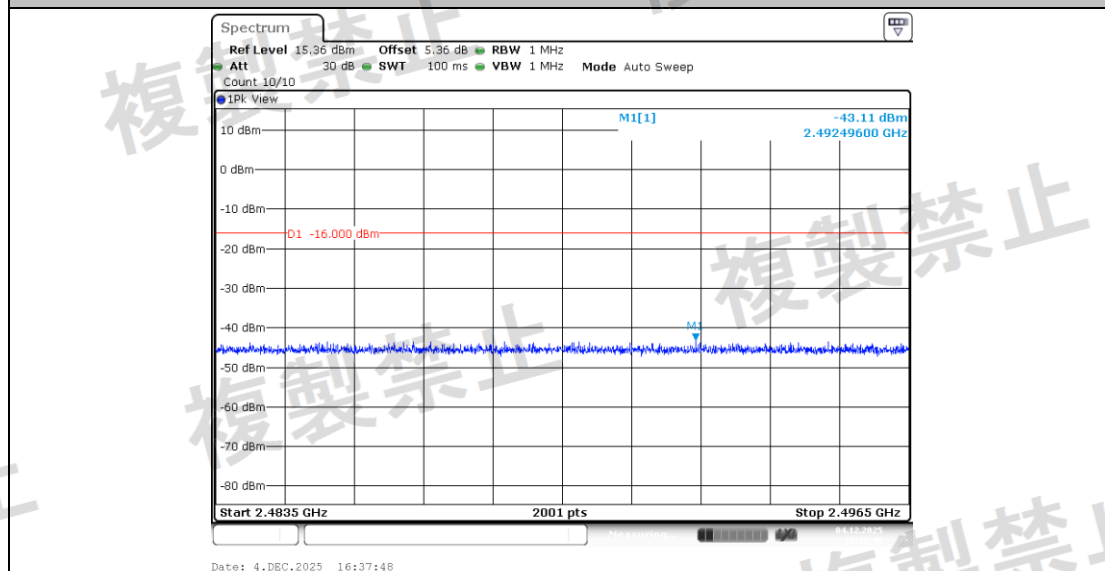




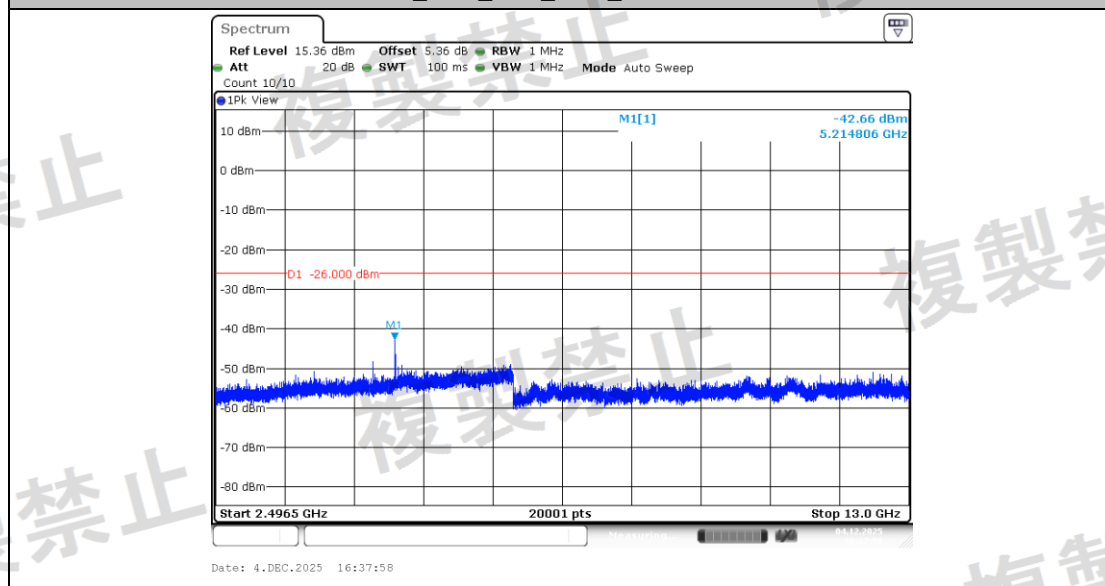
NTNV_2.4G_Ant1_2440_2387~2400

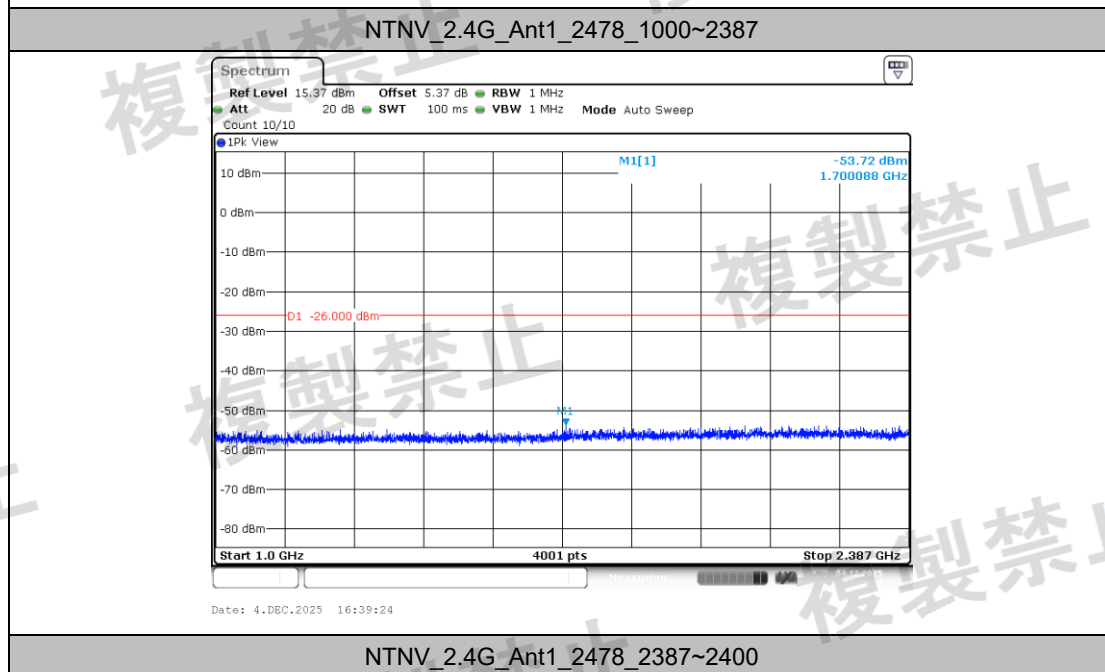
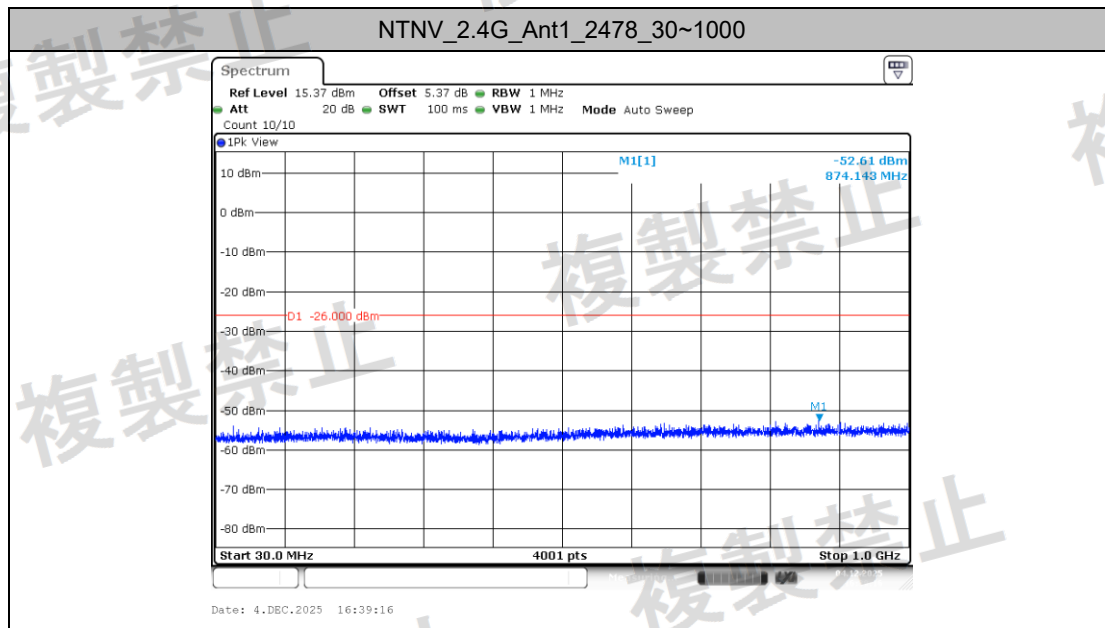


NTNV_2.4G_Ant1_2440_2483.5~2496.5

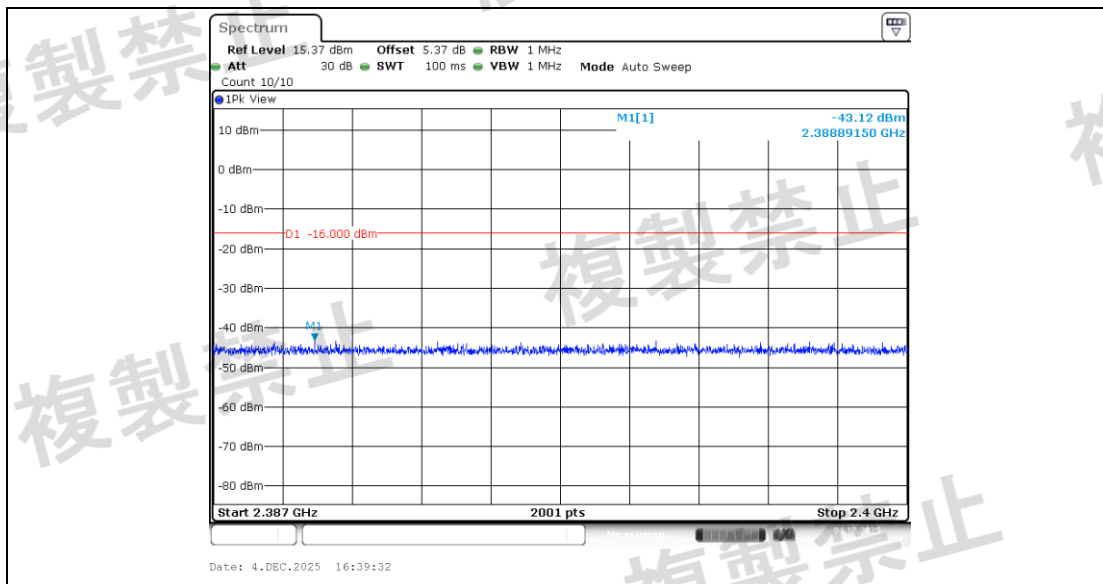


NTNV_2.4G_Ant1_2440_2496.5~13000

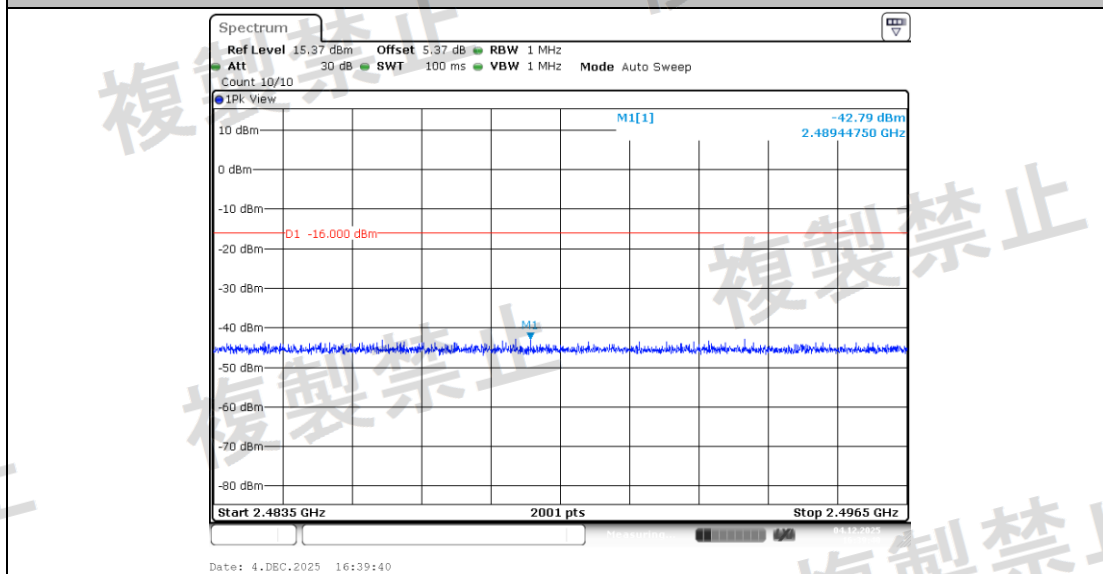




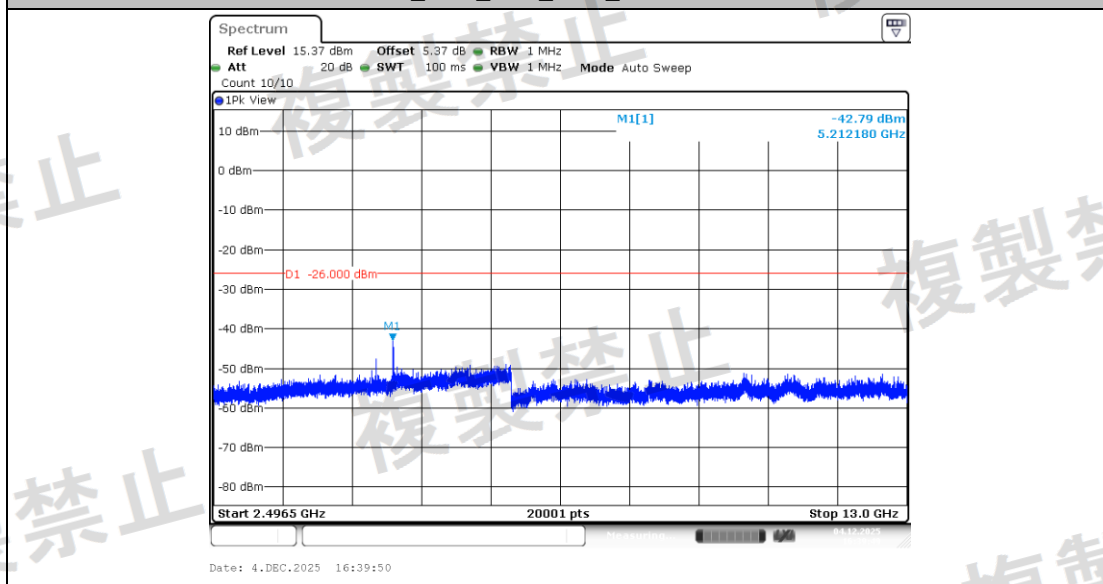
NTNV_2.4G_Ant1_2478_2387~2400



NTNV_2.4G_Ant1_2478_2483.5~2496.5



NTNV_2.4G_Ant1_2478_2496.5~13000

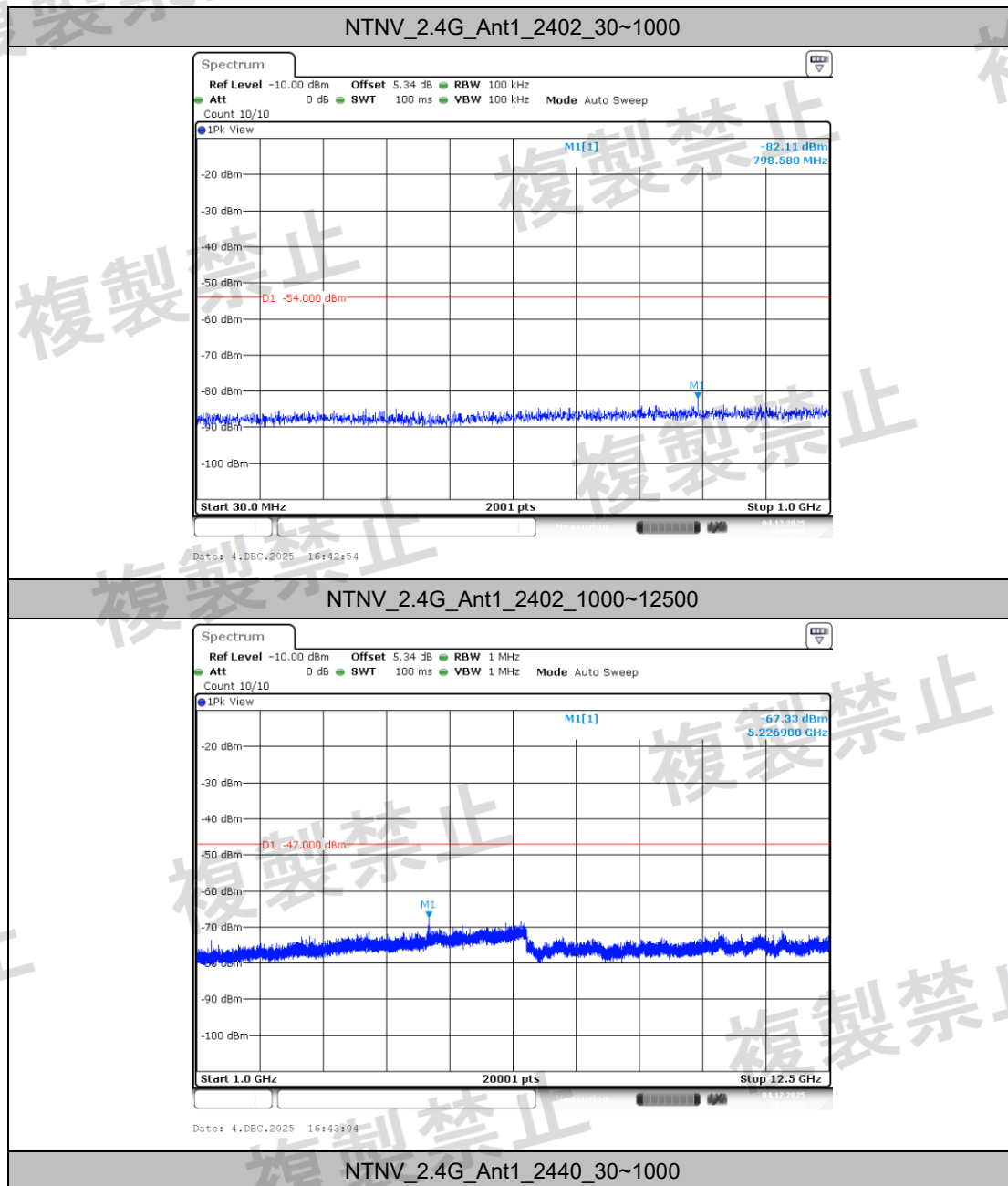


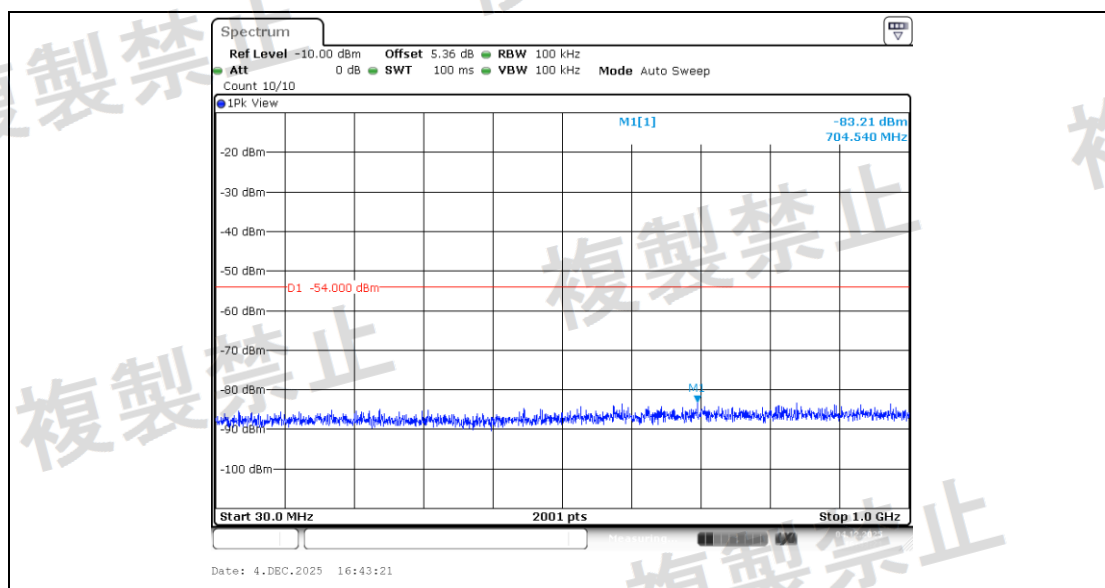
Appendix E: Spurious Emission of RX

Test Result

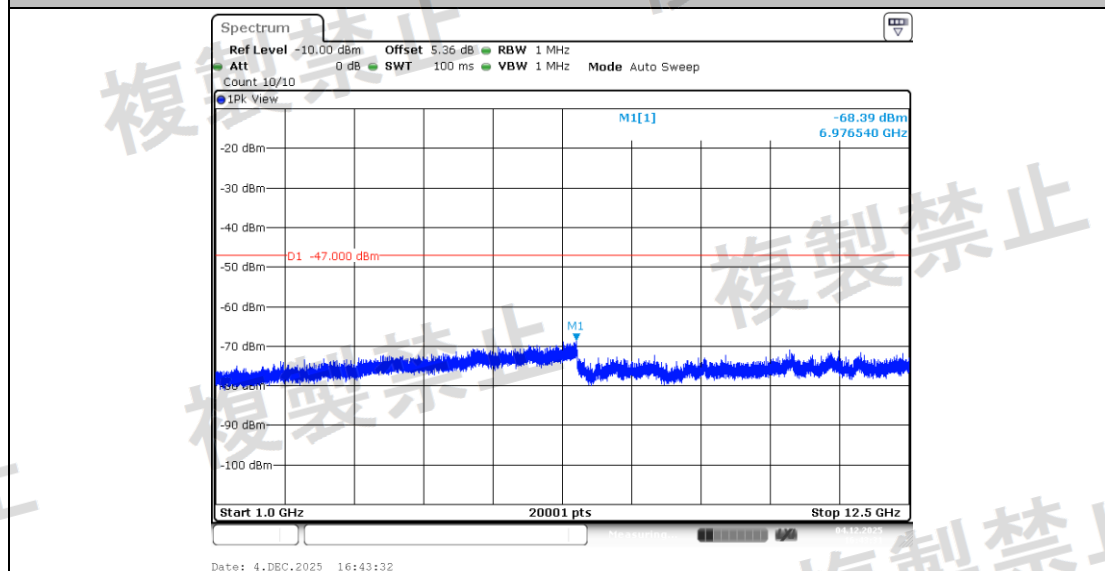
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	798.58	-82.11	≤-54	0.00615	≤4	PASS
				1000~12500	5226.90	-67.33	≤-47	0.18493	≤20	PASS
			2440	30~1000	704.54	-83.21	≤-54	0.00478	≤4	PASS
				1000~12500	6976.54	-68.39	≤-47	0.14488	≤20	PASS
			2478	30~1000	924.14	-83.13	≤-54	0.00486	≤4	PASS
				1000~12500	6844.30	-68.53	≤-47	0.14028	≤20	PASS

Test Graphs





NTNV_2.4G_Ant1_2440_1000~12500



NTNV_2.4G_Ant1_2478_30~1000

