

Appendix RF Test Data for 2.4G

Company : BREAK CO.,LTD

EUT : DRONE FORCE

Model Number : BRK-019K-01

Report No. : CTA26032701501

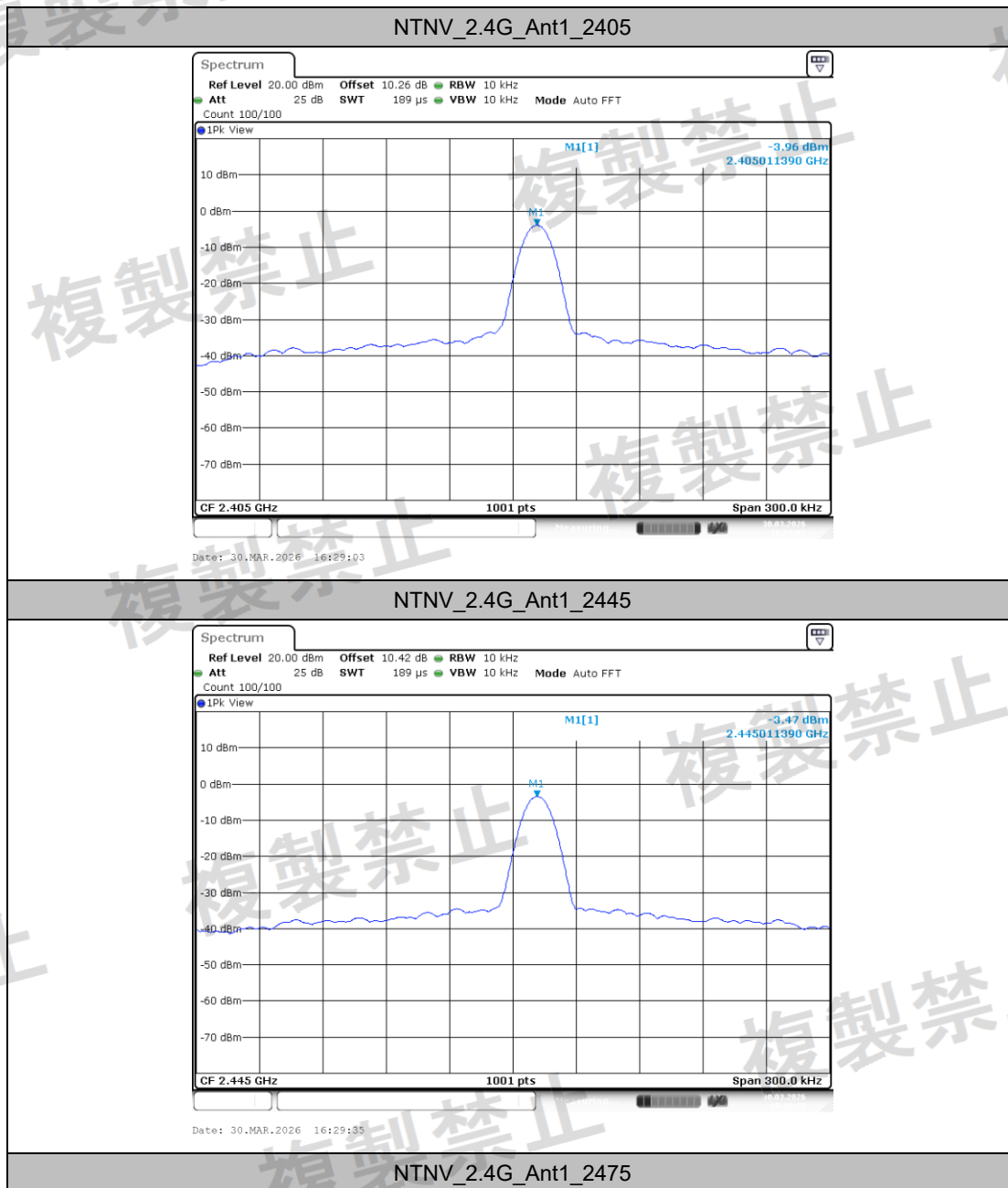
Reviewed By : Eric Wang

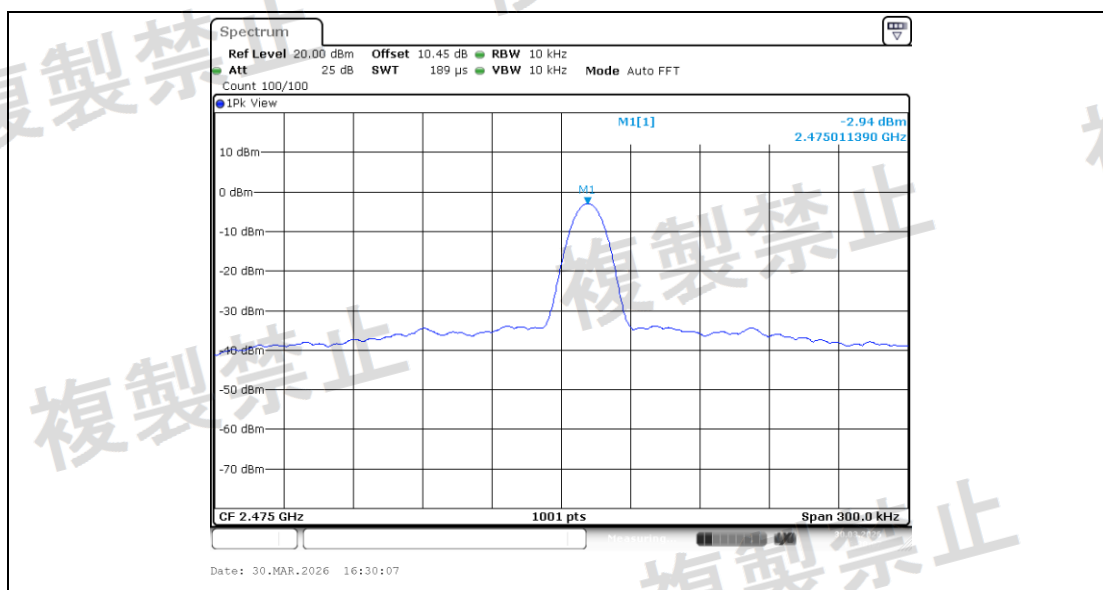
Appendix A: Frequency Error

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	2.4G	Ant1	2405	4.73597	±50	PASS
			2445	4.65849	±50	PASS
			2475	4.60202	±50	PASS

Test Graphs



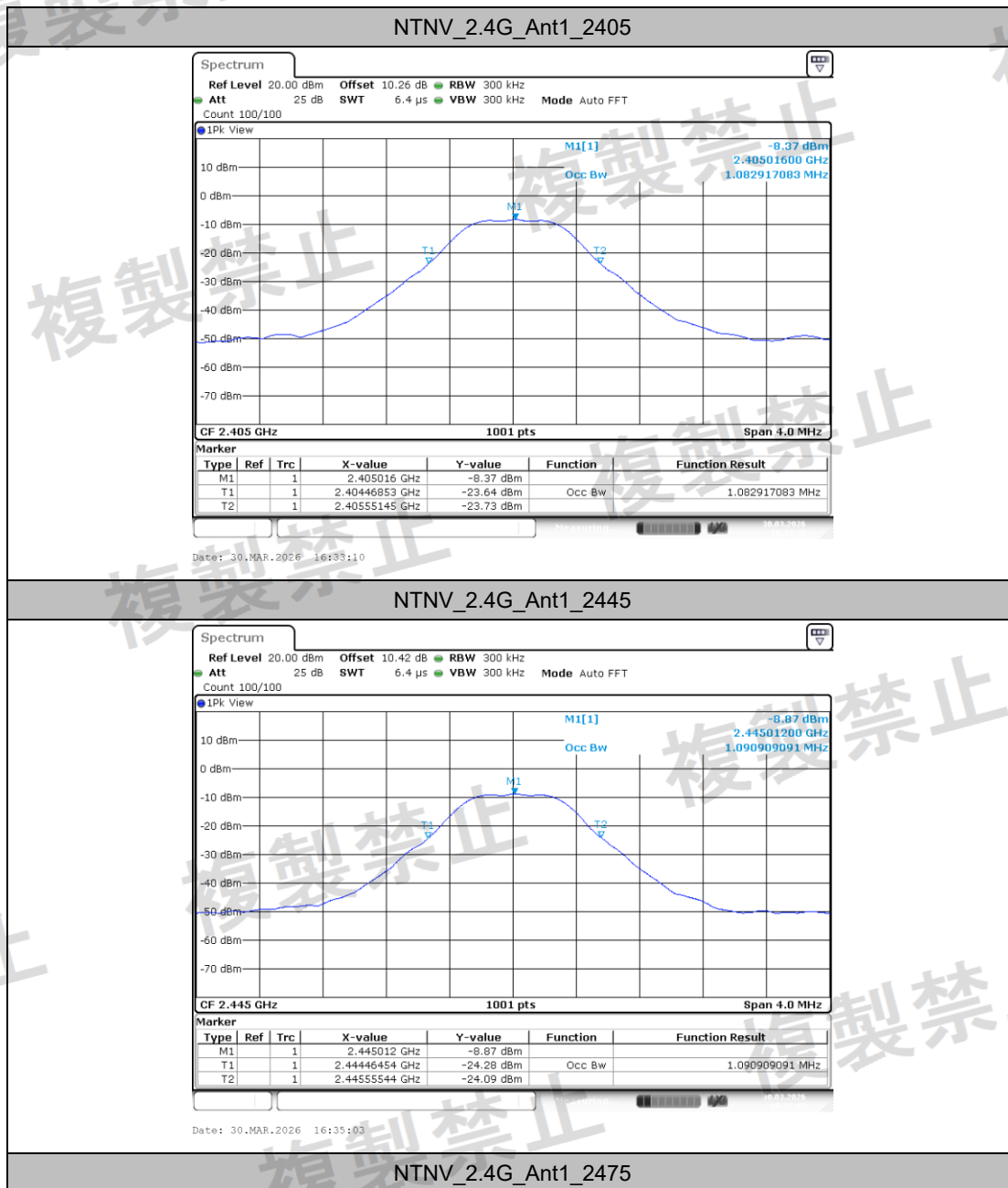


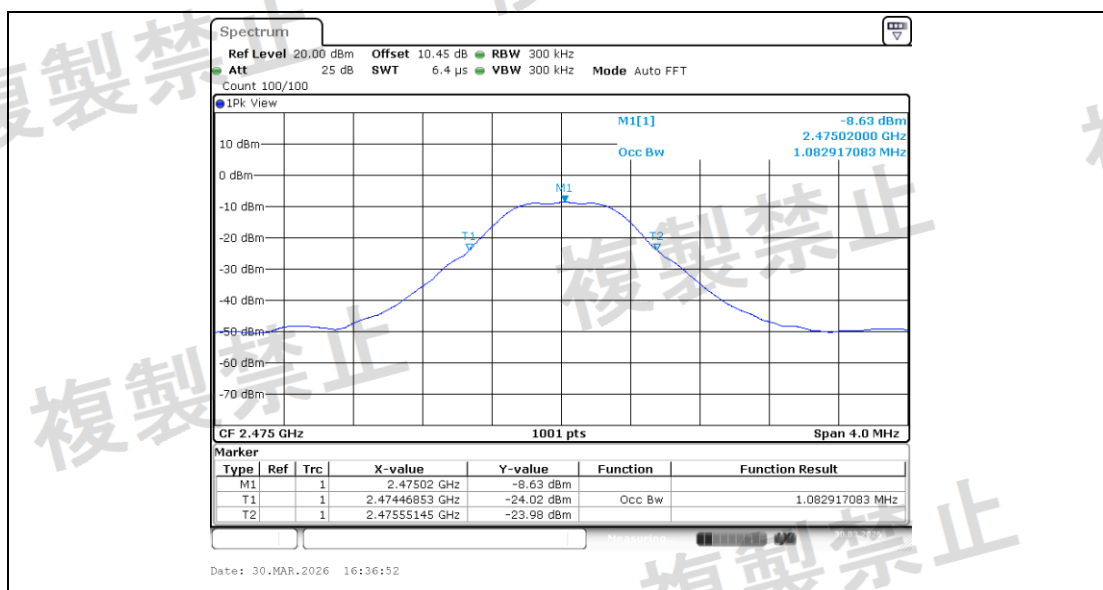
Appendix B: Occupied Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2405	1.083	≤26	PASS
			2445	1.091	≤26	PASS
			2475	1.083	≤26	PASS

Test Graphs



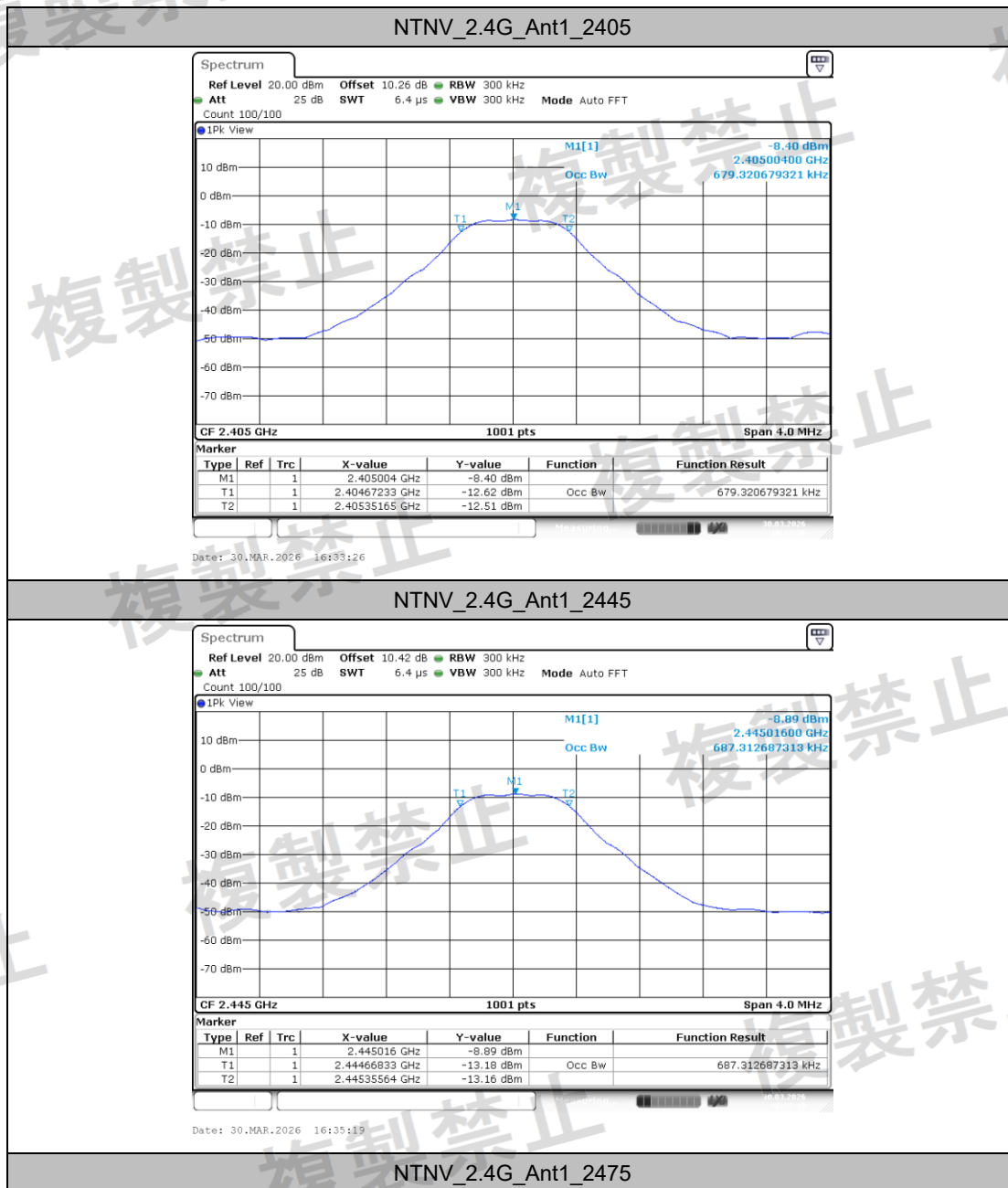


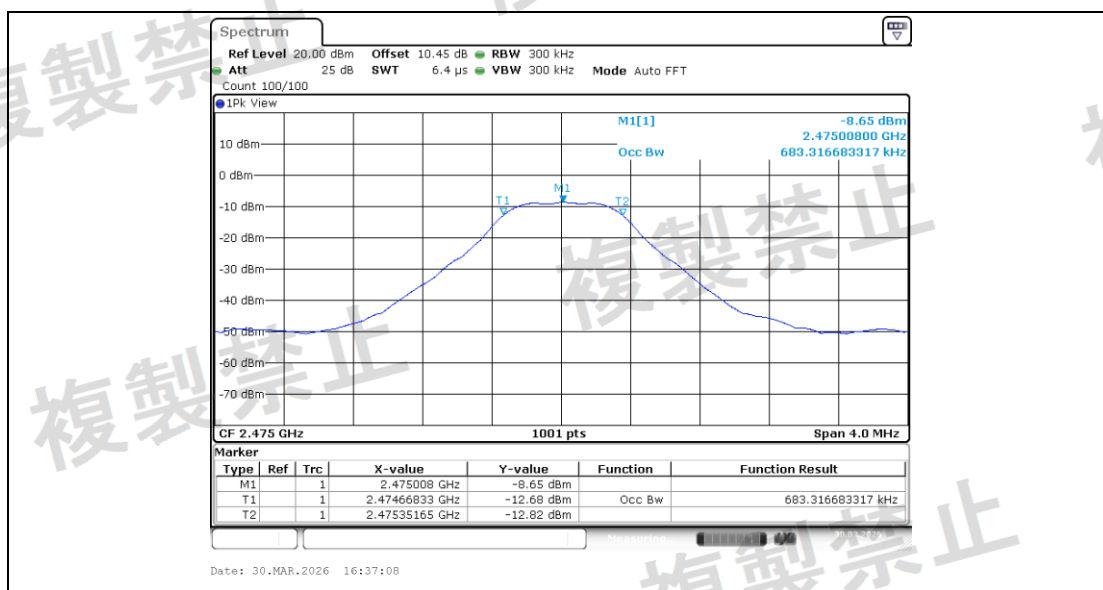
Appendix C: Spread Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2405	0.679	≥0.5	PASS
			2445	0.687	≥0.5	PASS
			2475	0.683	≥0.5	PASS

Test Graphs



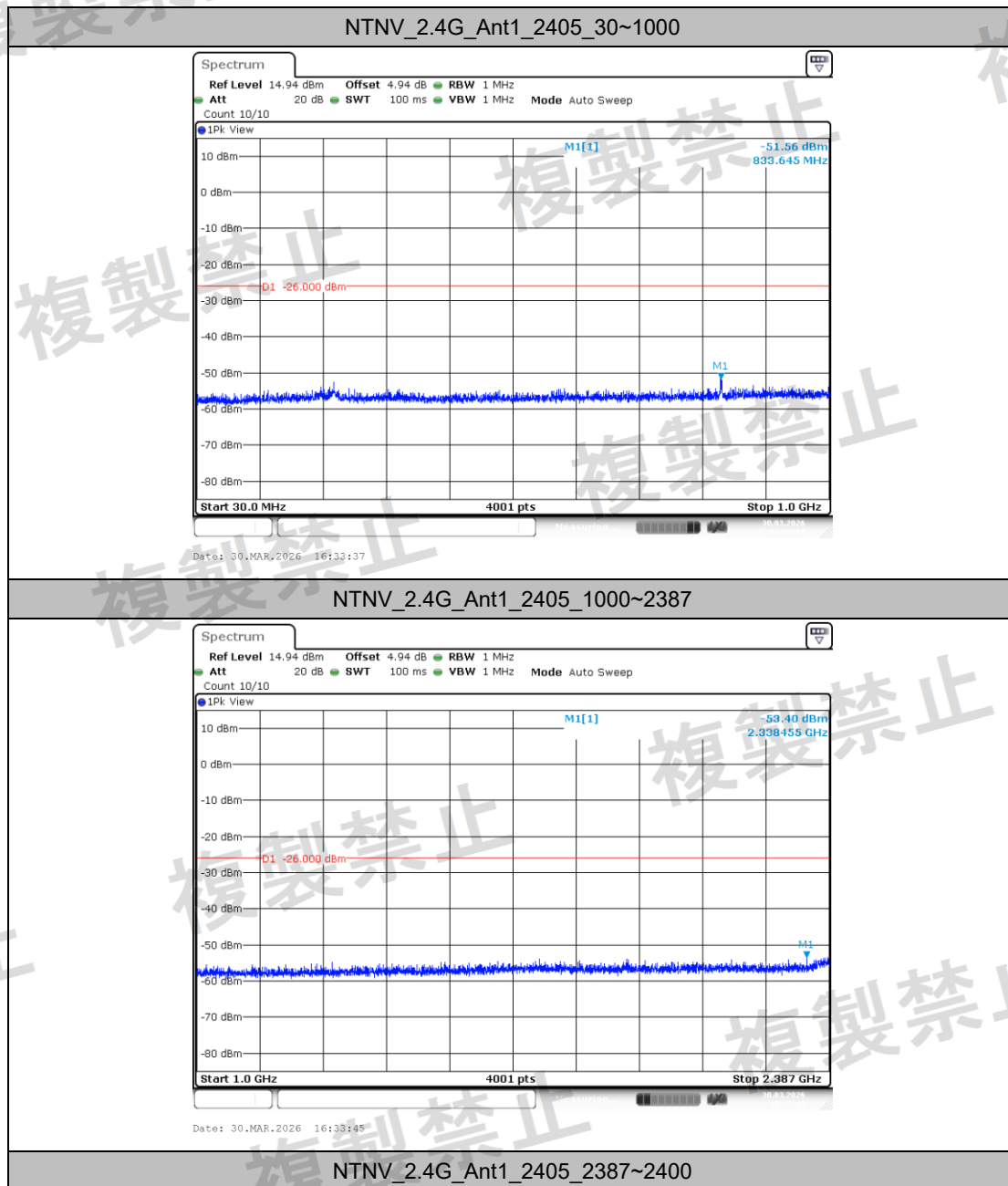


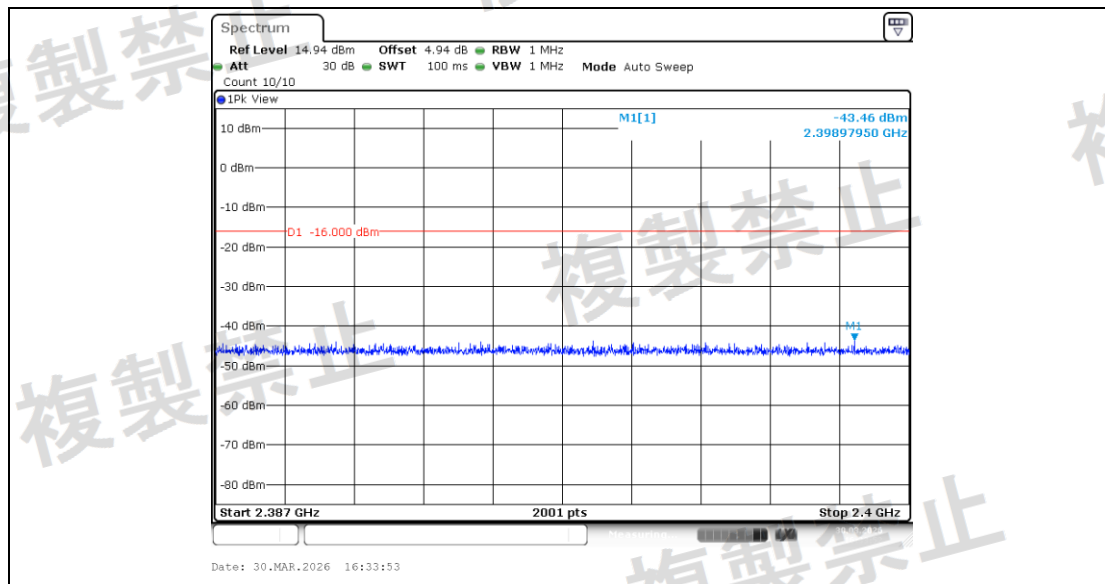
Appendix D: Spurious Emission of TX

Test Result

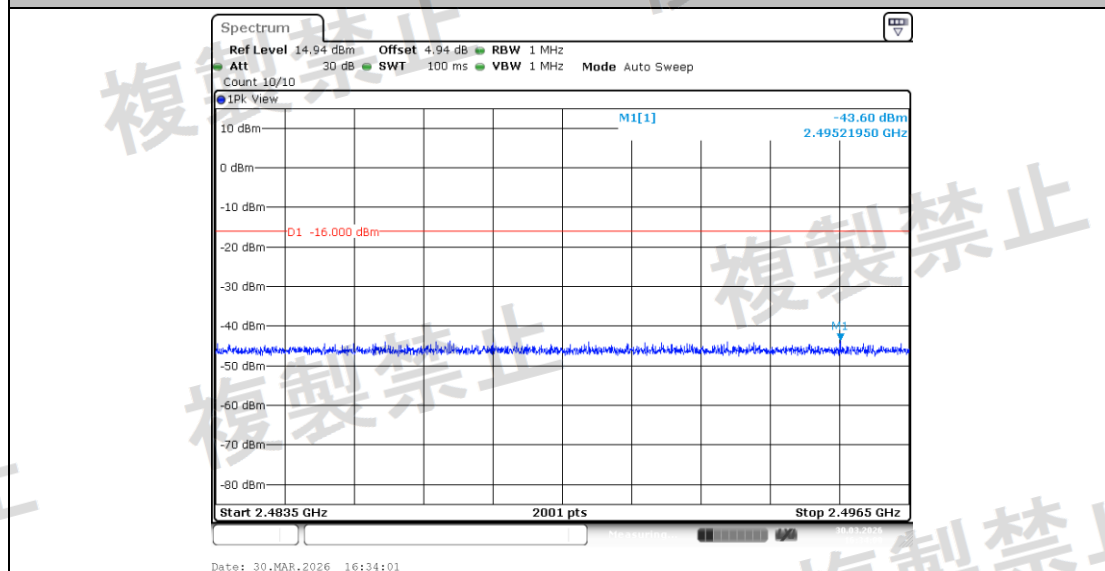
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	2.4G	Ant1	2405	30~1000	833.65	-51.56	≤-26	0.00698	≤2.5	PASS
				1000~2387	2338.46	-53.40	≤-26	0.00457	≤2.5	PASS
				2387~2400	2398.98	-43.46	≤-16	0.04508	≤25	PASS
				2483.5~2496.5	2495.22	-43.60	≤-16	0.04365	≤25	PASS
				2496.5~13000	6756.19	-49.61	≤-26	0.01094	≤2.5	PASS
			2445	30~1000	833.89	-50.96	≤-26	0.00802	≤2.5	PASS
				1000~2387	2251.07	-53.59	≤-26	0.00438	≤2.5	PASS
				2387~2400	2398.25	-43.42	≤-16	0.04550	≤25	PASS
				2483.5~2496.5	2488.79	-42.88	≤-16	0.05152	≤25	PASS
				2496.5~13000	6895.89	-49.43	≤-26	0.01140	≤2.5	PASS
			2475	30~1000	833.40	-49.99	≤-26	0.01002	≤2.5	PASS
				1000~2387	1630.74	-53.72	≤-26	0.00425	≤2.5	PASS
				2387~2400	2391.28	-43.74	≤-16	0.04227	≤25	PASS
				2483.5~2496.5	2485.00	-43.60	≤-16	0.04365	≤25	PASS
				2496.5~13000	6784.03	-49.55	≤-26	0.01109	≤2.5	PASS

Test Graphs

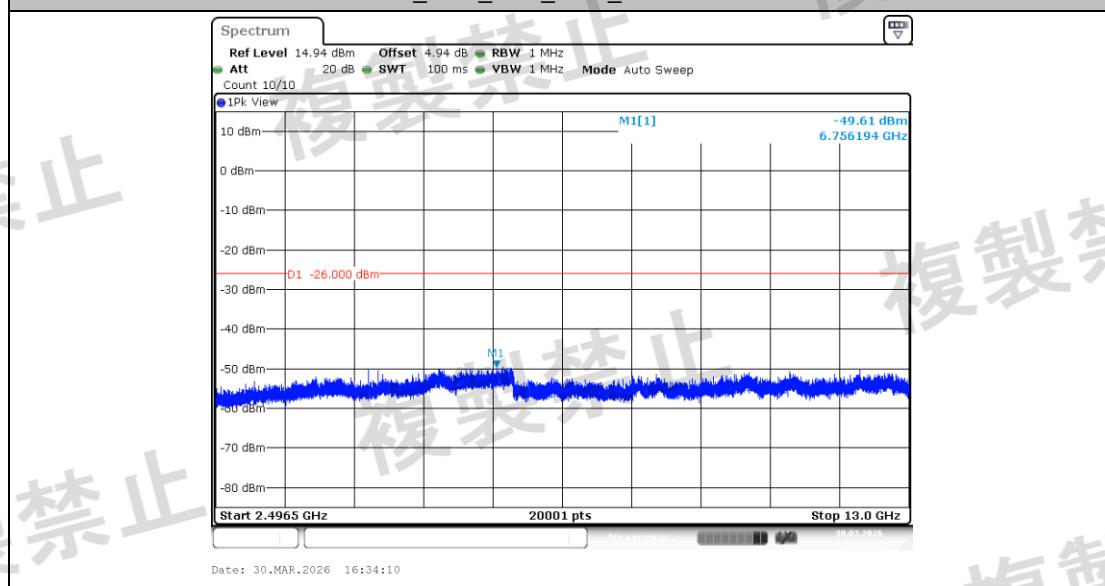


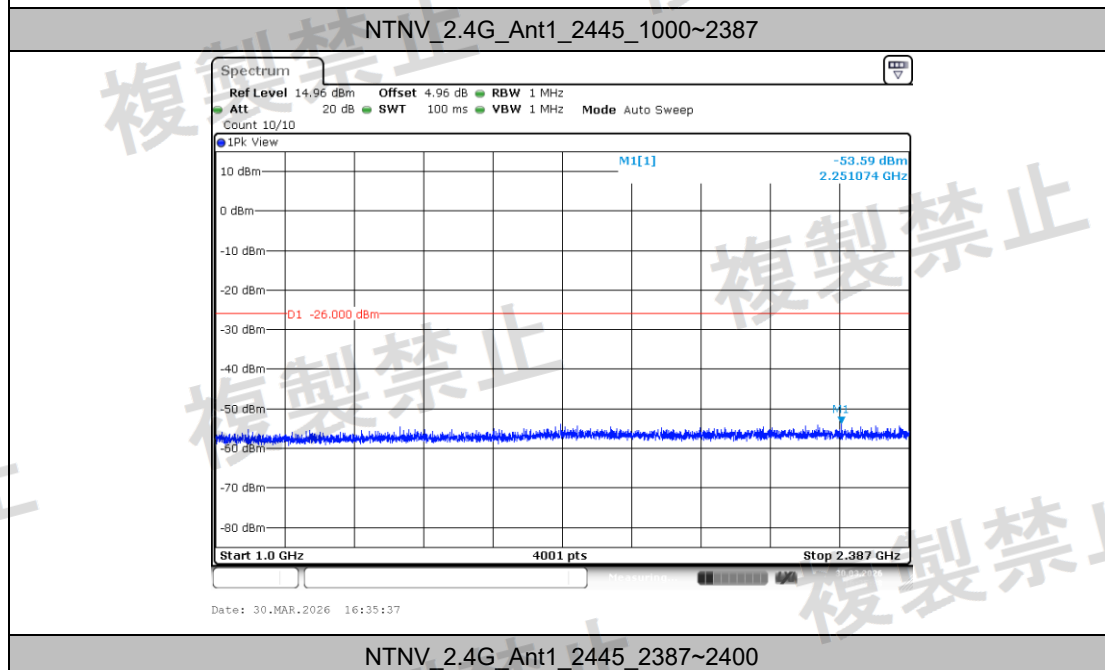
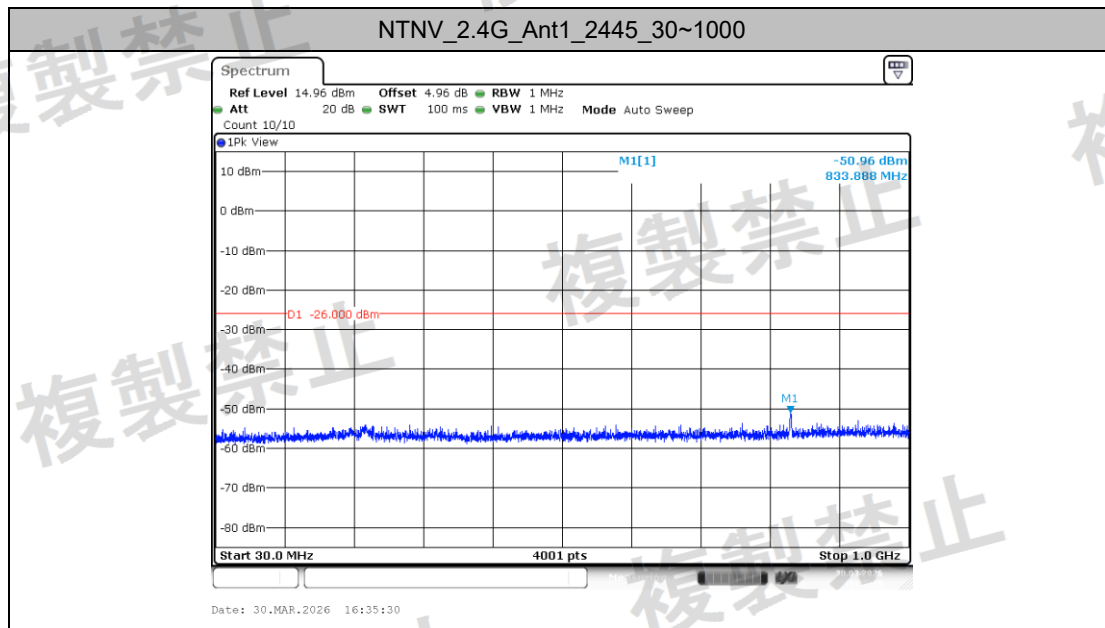


NTVN_2.4G_Ant1_2405_2483.5~2496.5

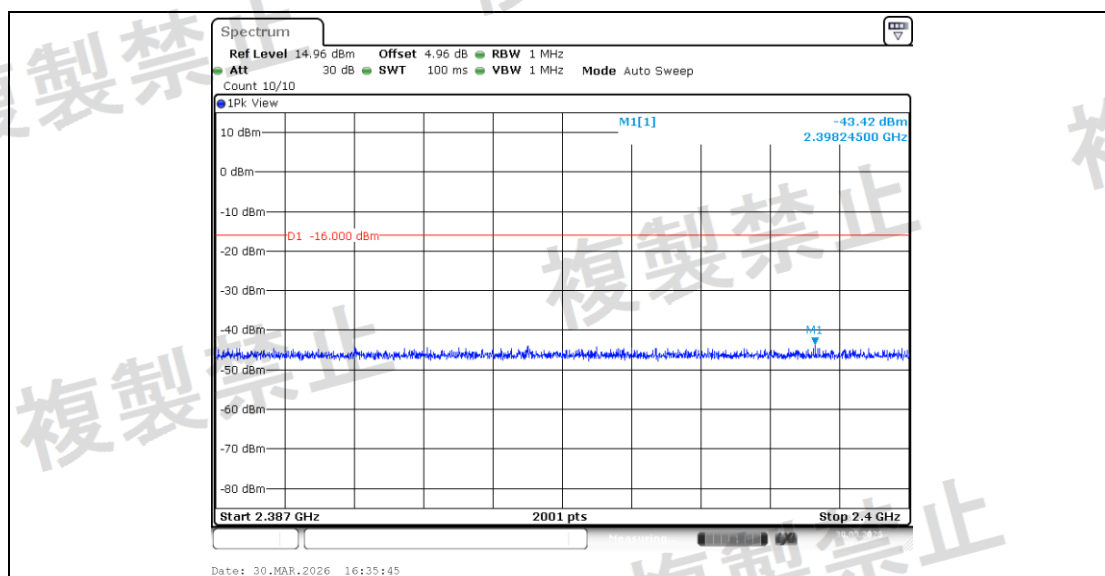


NTVN_2.4G_Ant1_2405_2496.5~13000

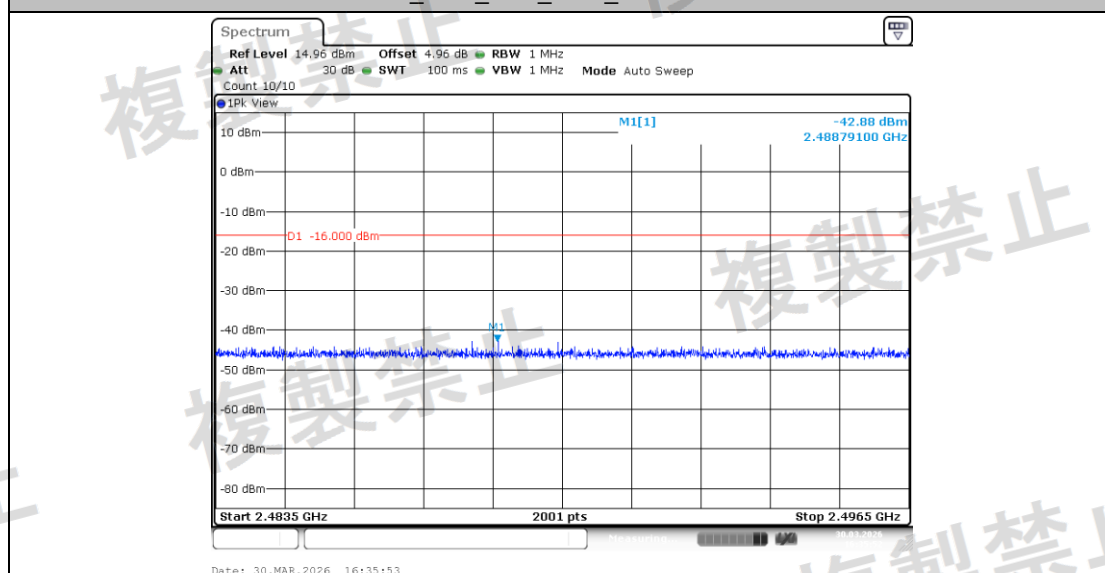




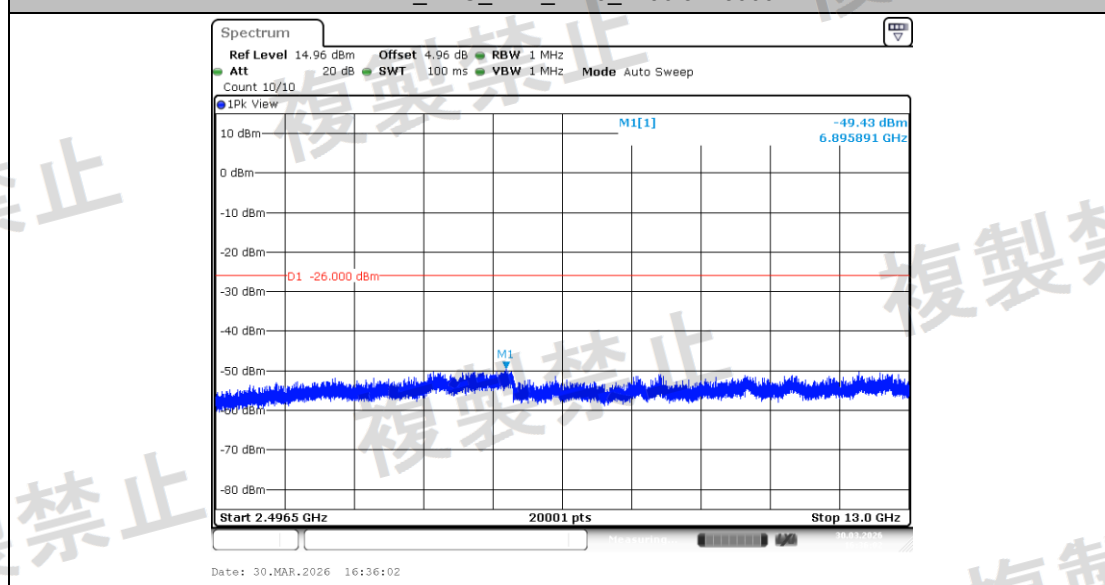
NTNV_2.4G_Ant1_2445_2387~2400

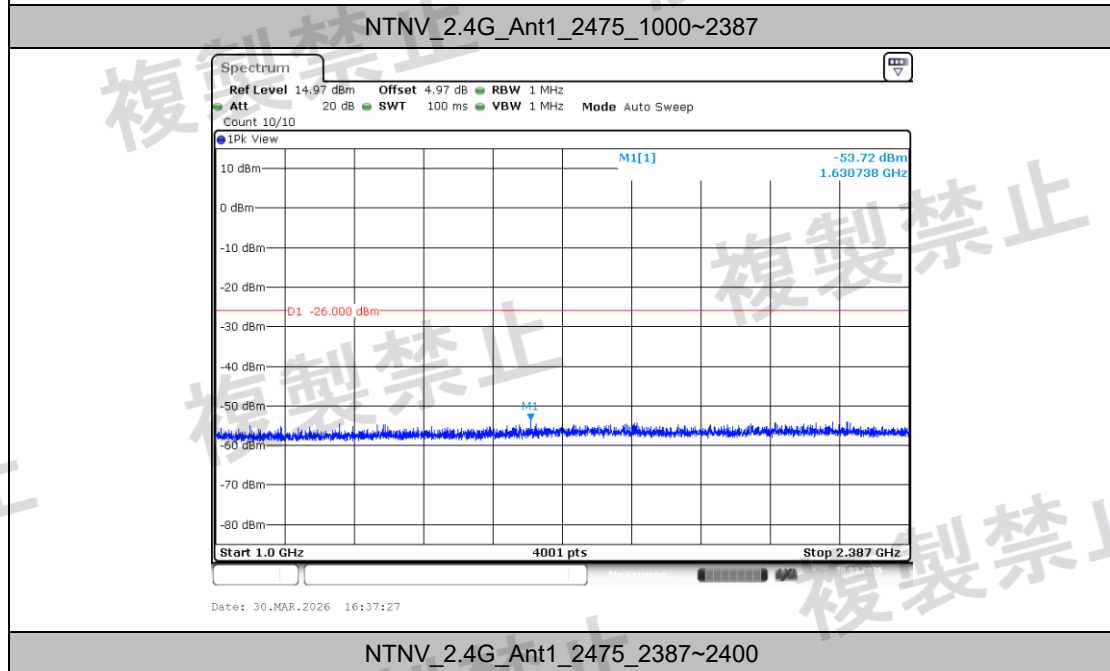
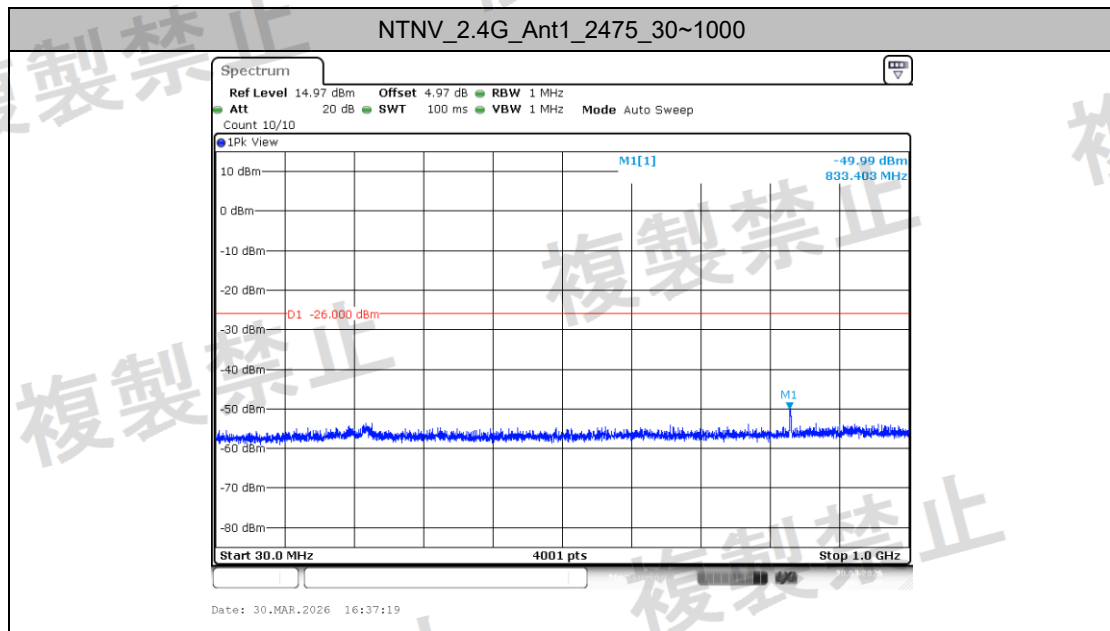


NTNV_2.4G_Ant1_2445_2483.5~2496.5

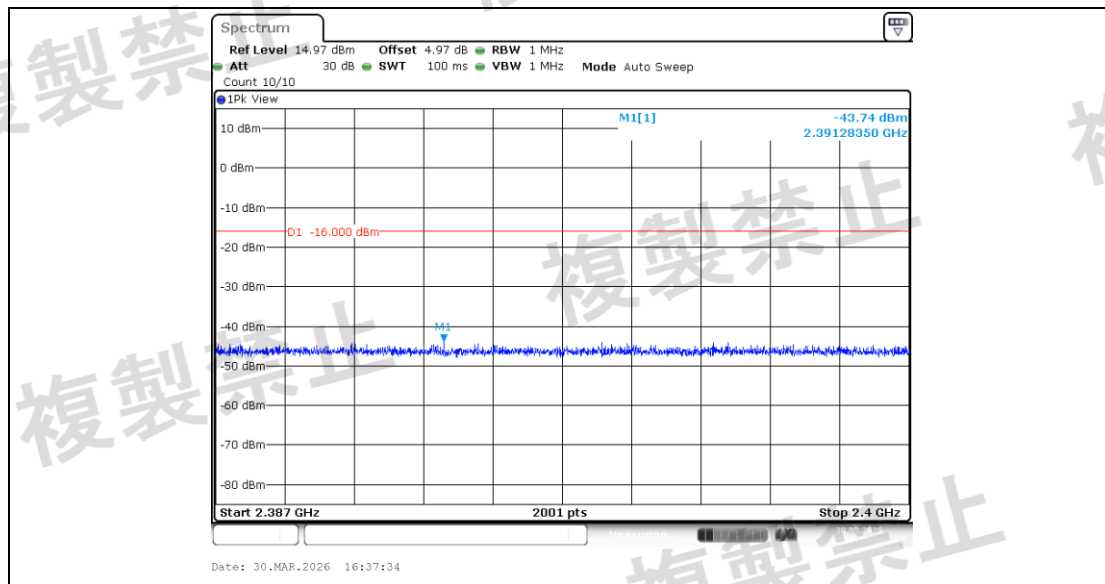


NTNV_2.4G_Ant1_2445_2496.5~13000

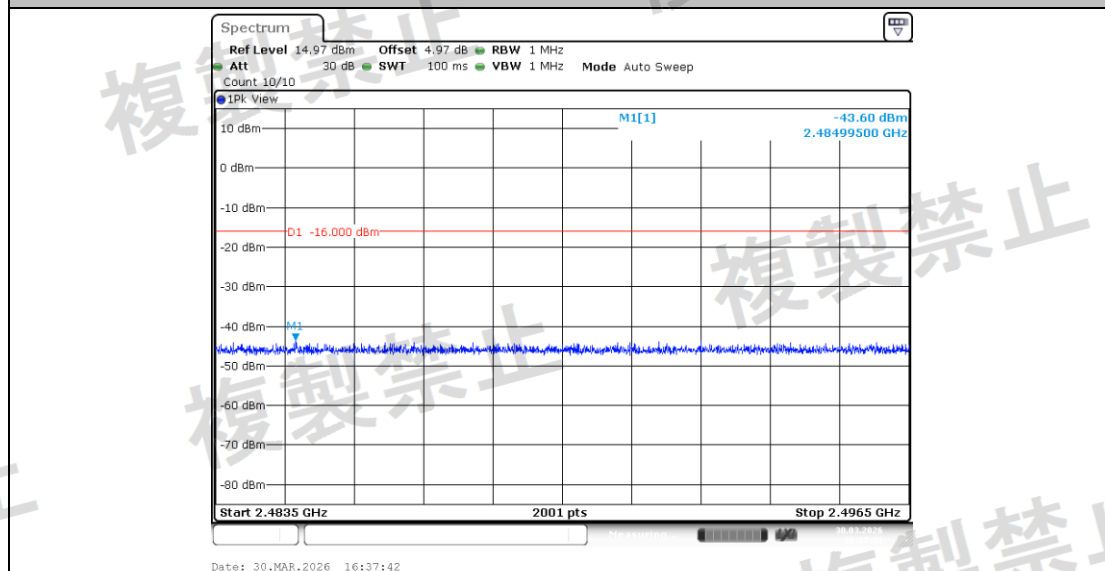




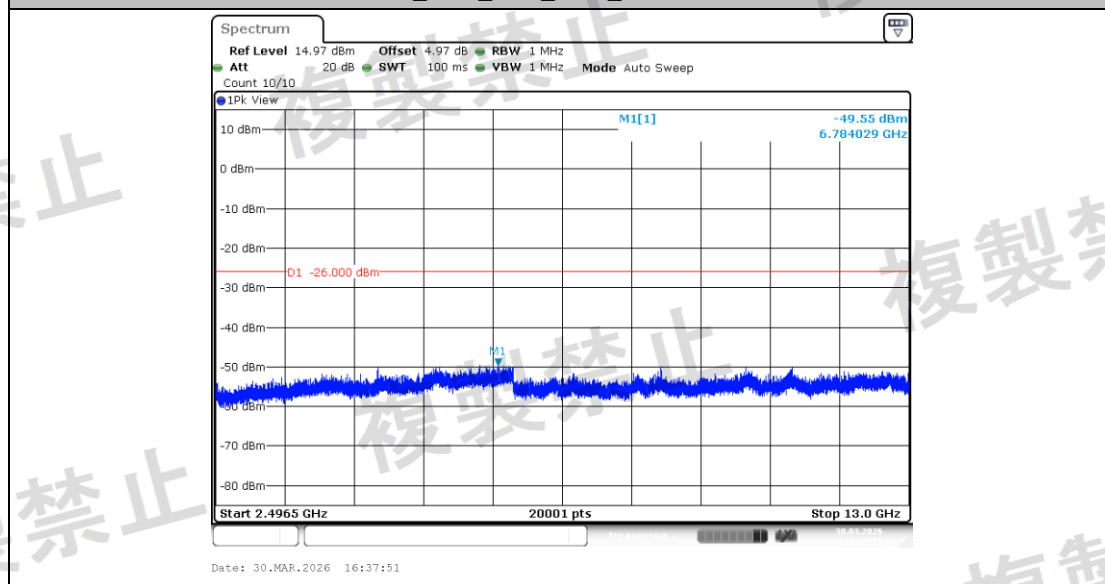
NTNV_2.4G_Ant1_2475_2387~2400



NTNV_2.4G_Ant1_2475_2483.5~2496.5



NTNV_2.4G_Ant1_2475_2496.5~13000

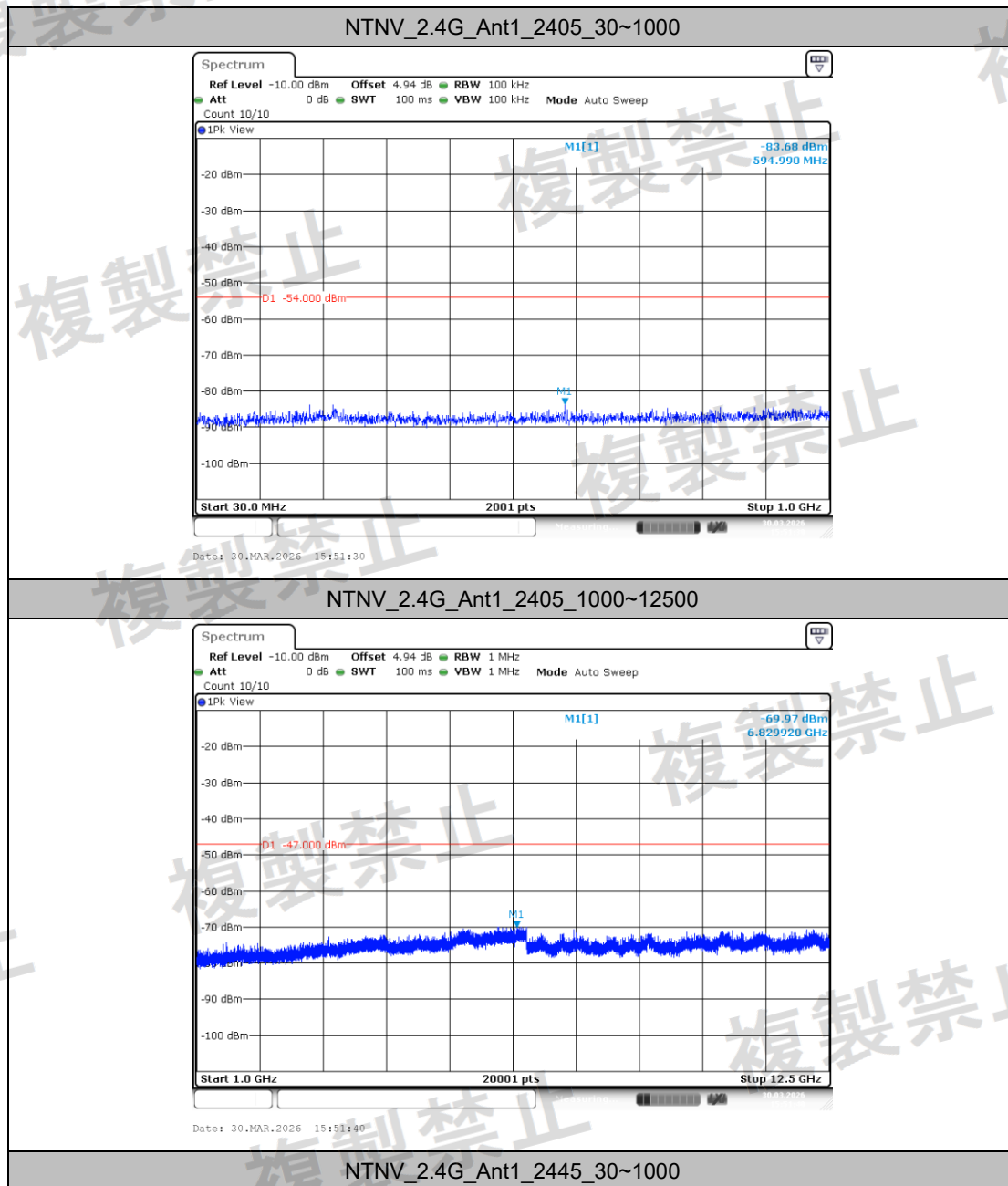


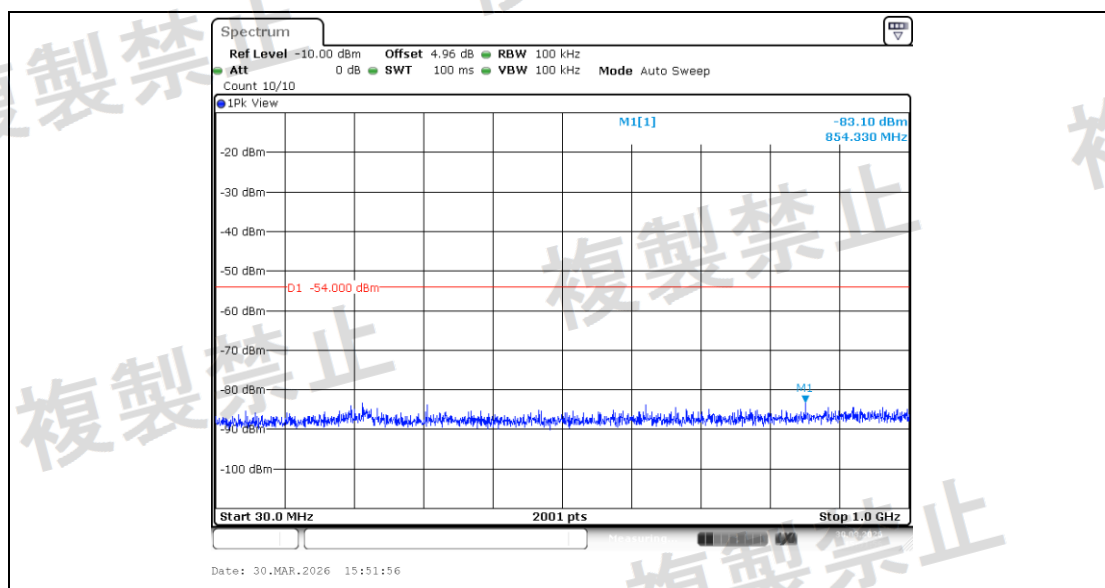
Appendix E: Spurious Emission of RX

Test Result

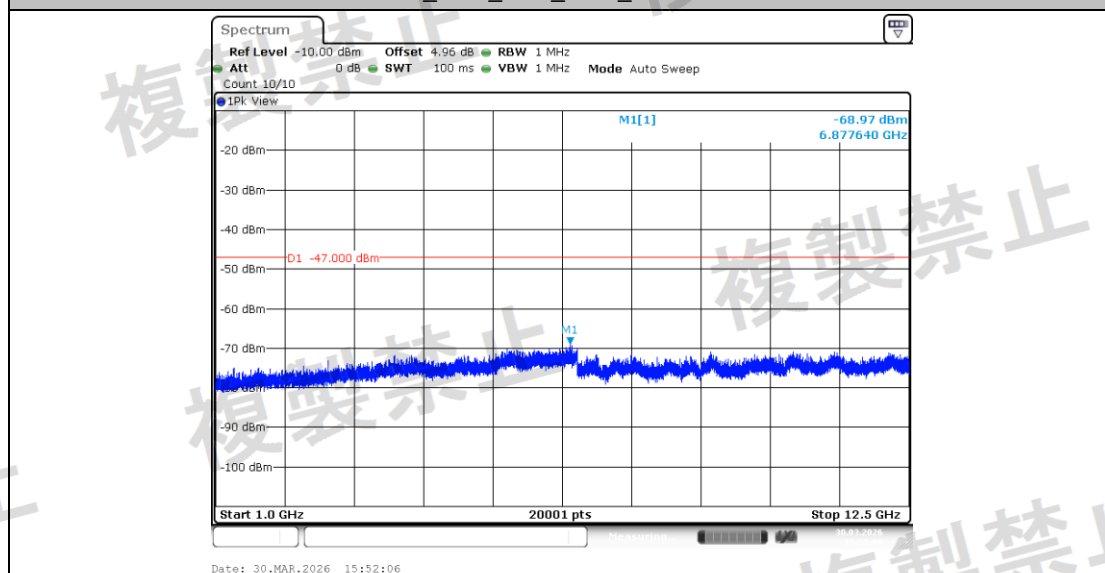
TestCondition	TestMode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant1	2405	30~1000	594.99	-83.68	≤-54	0.00429	≤4	PASS
				1000~12500	6829.92	-69.97	≤-47	0.10069	≤20	PASS
			2445	30~1000	854.33	-83.10	≤-54	0.00490	≤4	PASS
				1000~12500	6877.64	-68.97	≤-47	0.12677	≤20	PASS
			2475	30~1000	928.50	-83.64	≤-54	0.00433	≤4	PASS
				1000~12500	6948.37	-68.69	≤-47	0.13521	≤20	PASS

Test Graphs





NTVN_2.4G_Ant1_2445_1000~12500



NTVN_2.4G_Ant1_2475_30~1000

