

Appendix RF Test Data for BR-EDR

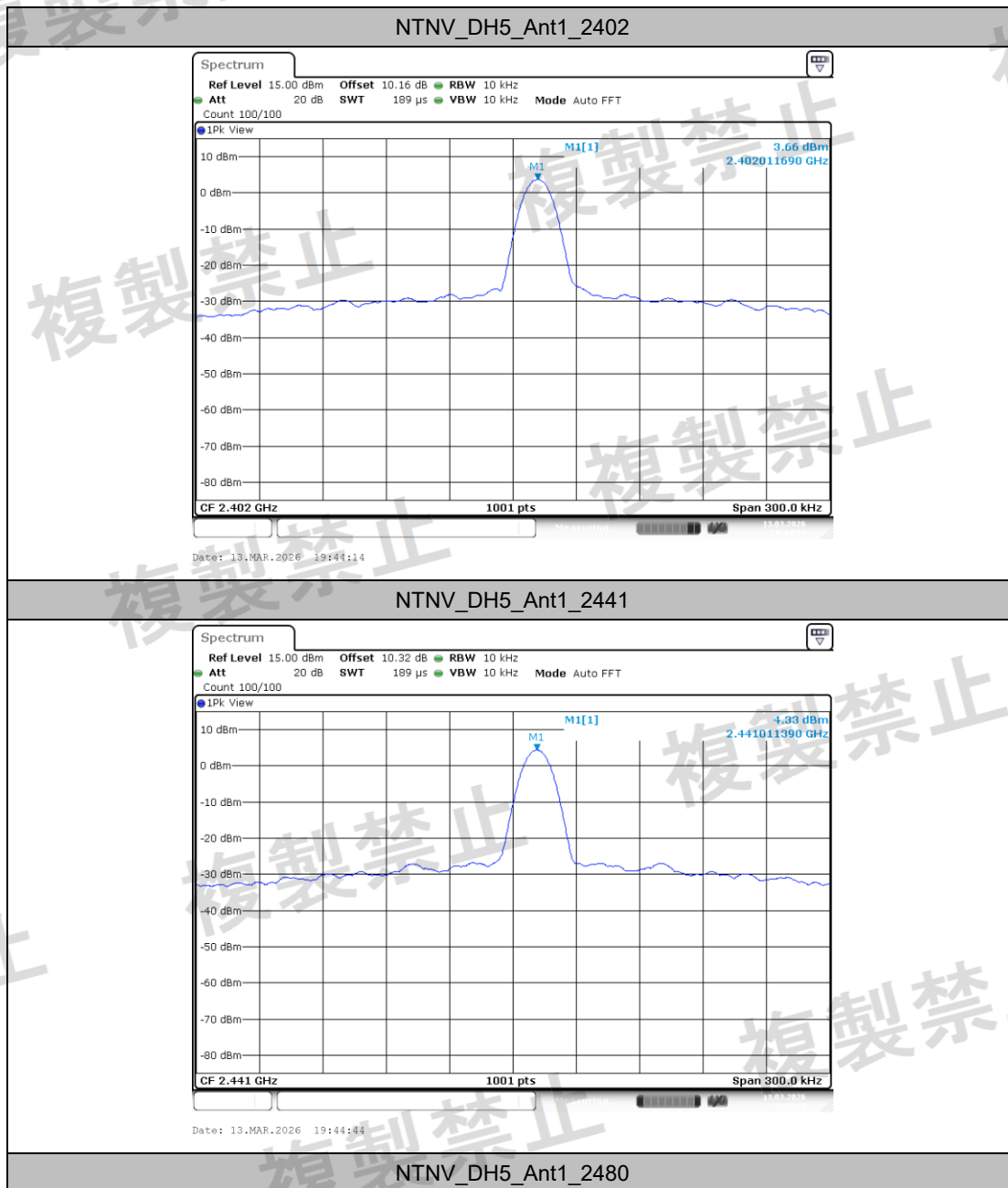
Company : Shenzhen Chenyue Technology Co., Ltd.
EUT : realfit Watch
Model Number : N2601
Report No. : CTA26031200102
Reviewed By : Eric Wang

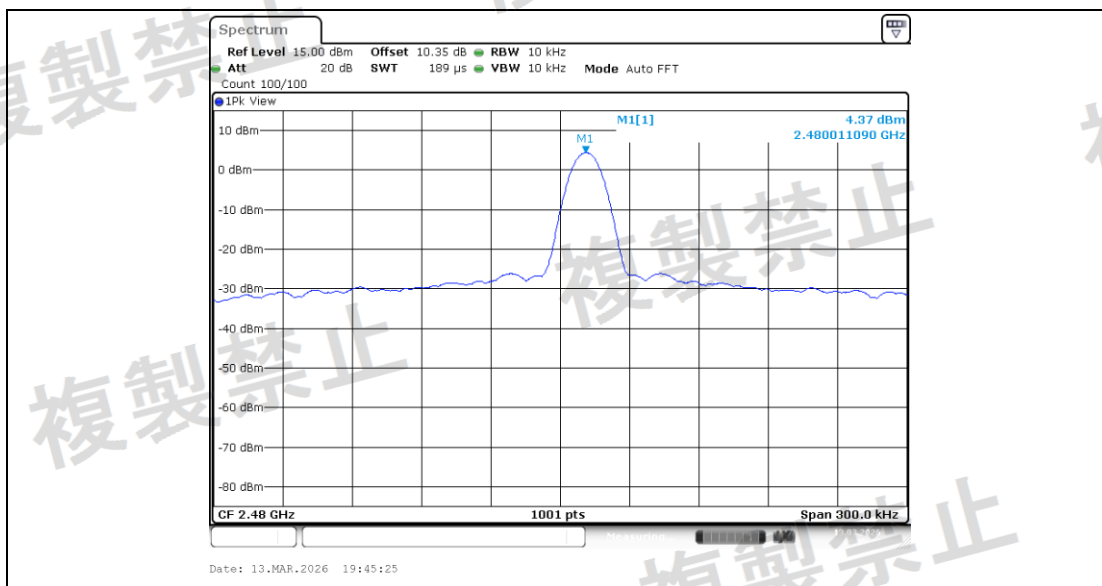
Appendix A: Frequency_Error

Test Result

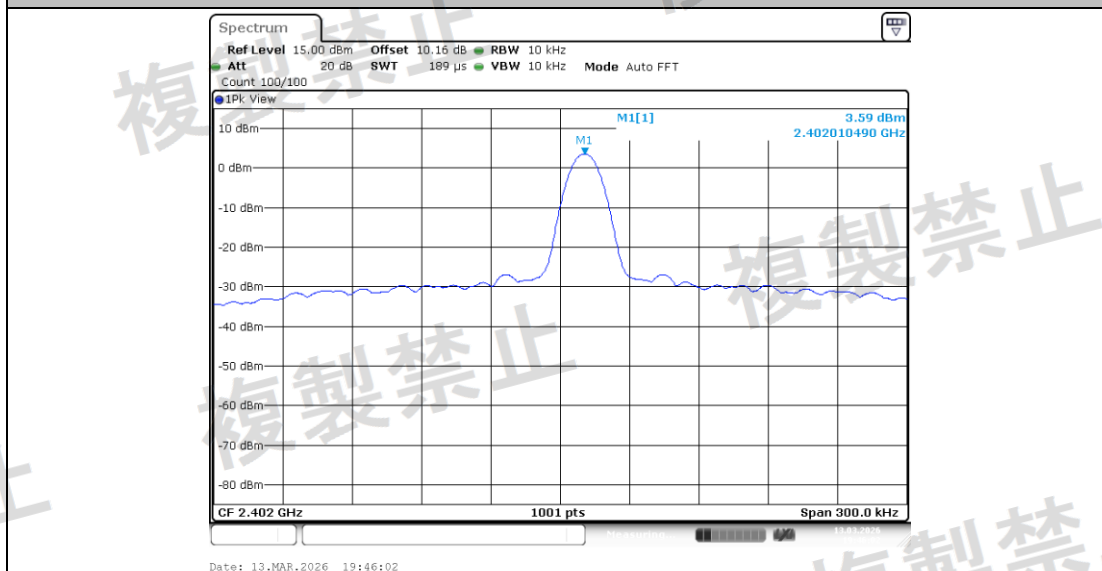
Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	DH5	Ant1	2402	4.86678	±50	PASS
			2441	4.66612	±50	PASS
			2480	4.47177	±50	PASS
	2DH5	Ant1	2402	4.36719	±50	PASS
			2441	4.29742	±50	PASS
			2480	4.35081	±50	PASS

Test Graphs

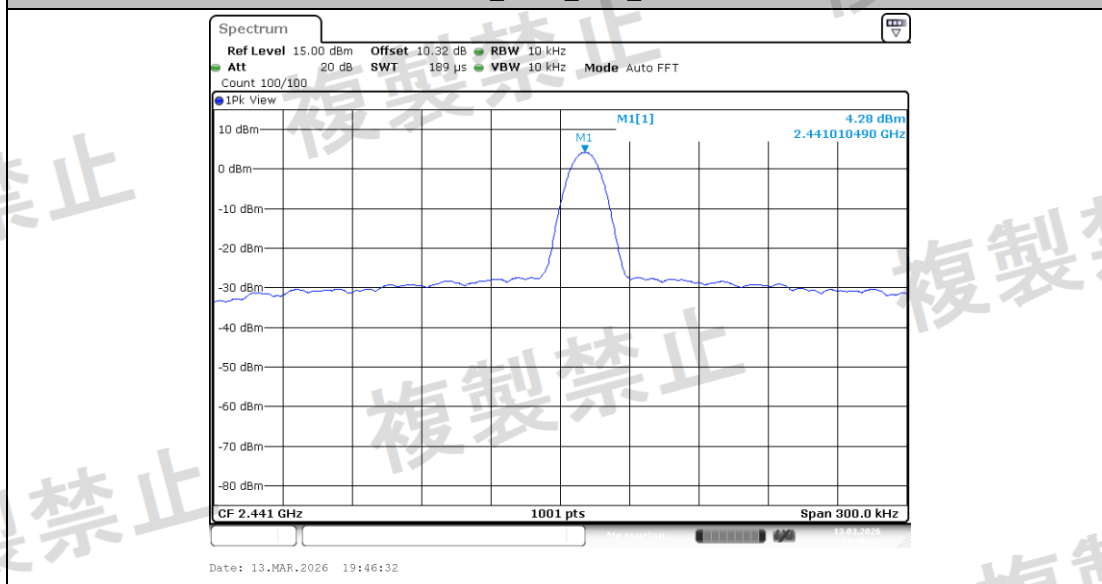


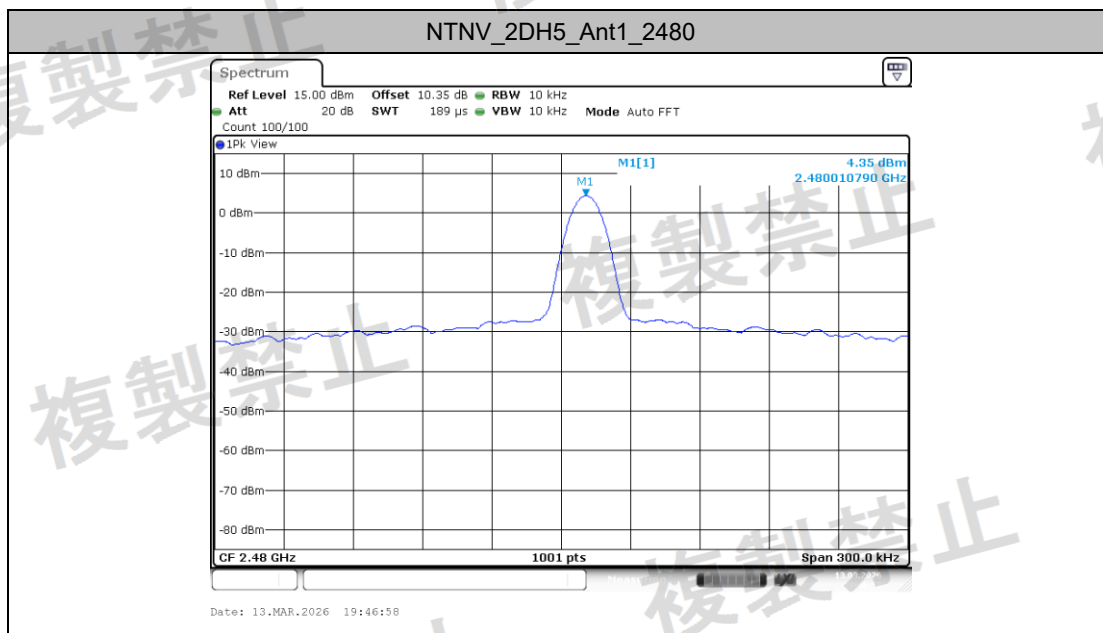


NTNV_2DH5_Ant1_2402



NTNV_2DH5_Ant1_2441



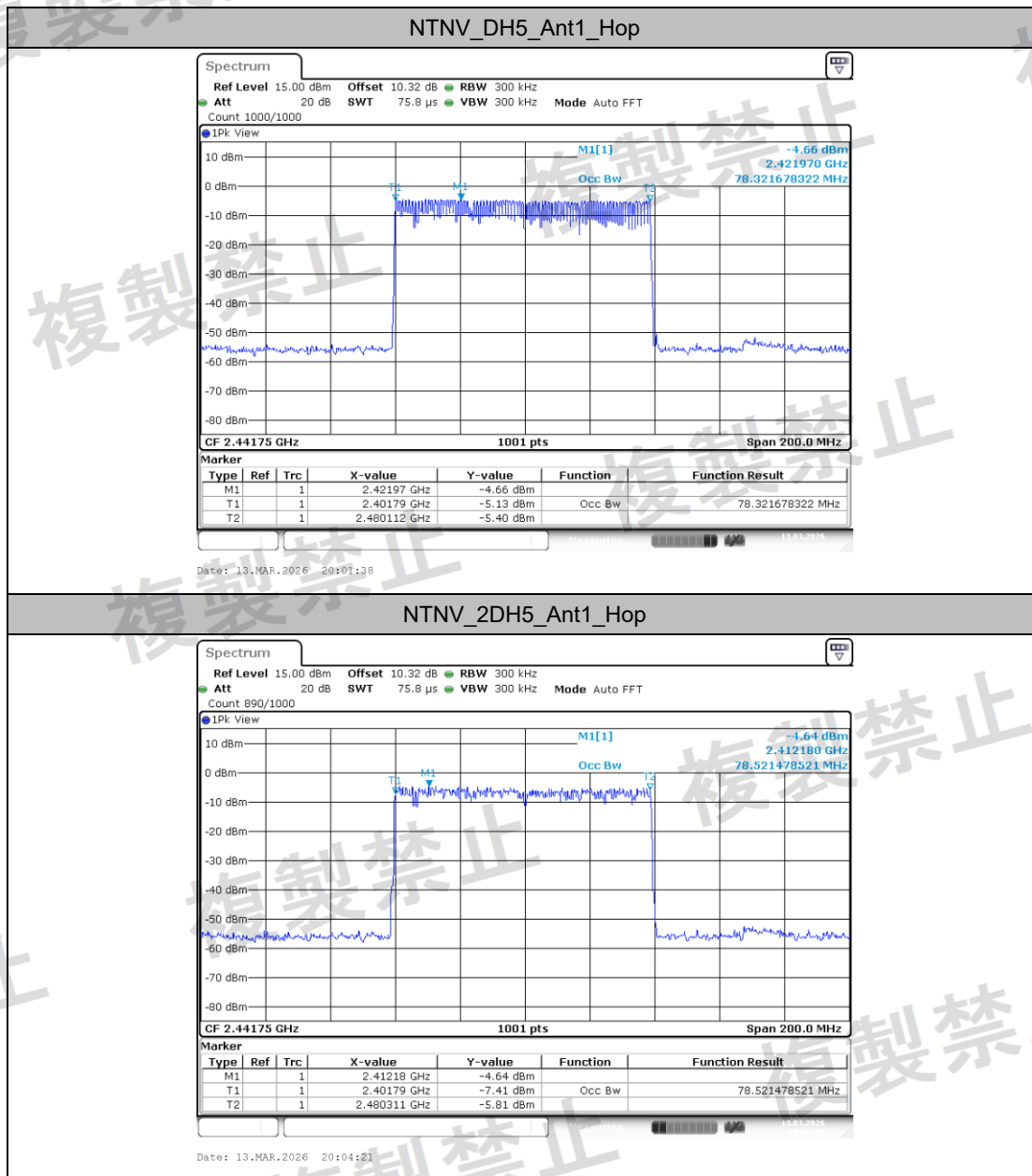


Appendix B: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.322	≤83.5	PASS
	2DH5	Ant1	Hop	78.521	≤83.5	PASS

Test Graphs



Appendix C: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.628	≥ 0.5	71.628	>5	PASS
	2DH5	Ant1	Hop	71.628	≥ 0.5	71.628	>5	PASS

Test Graphs

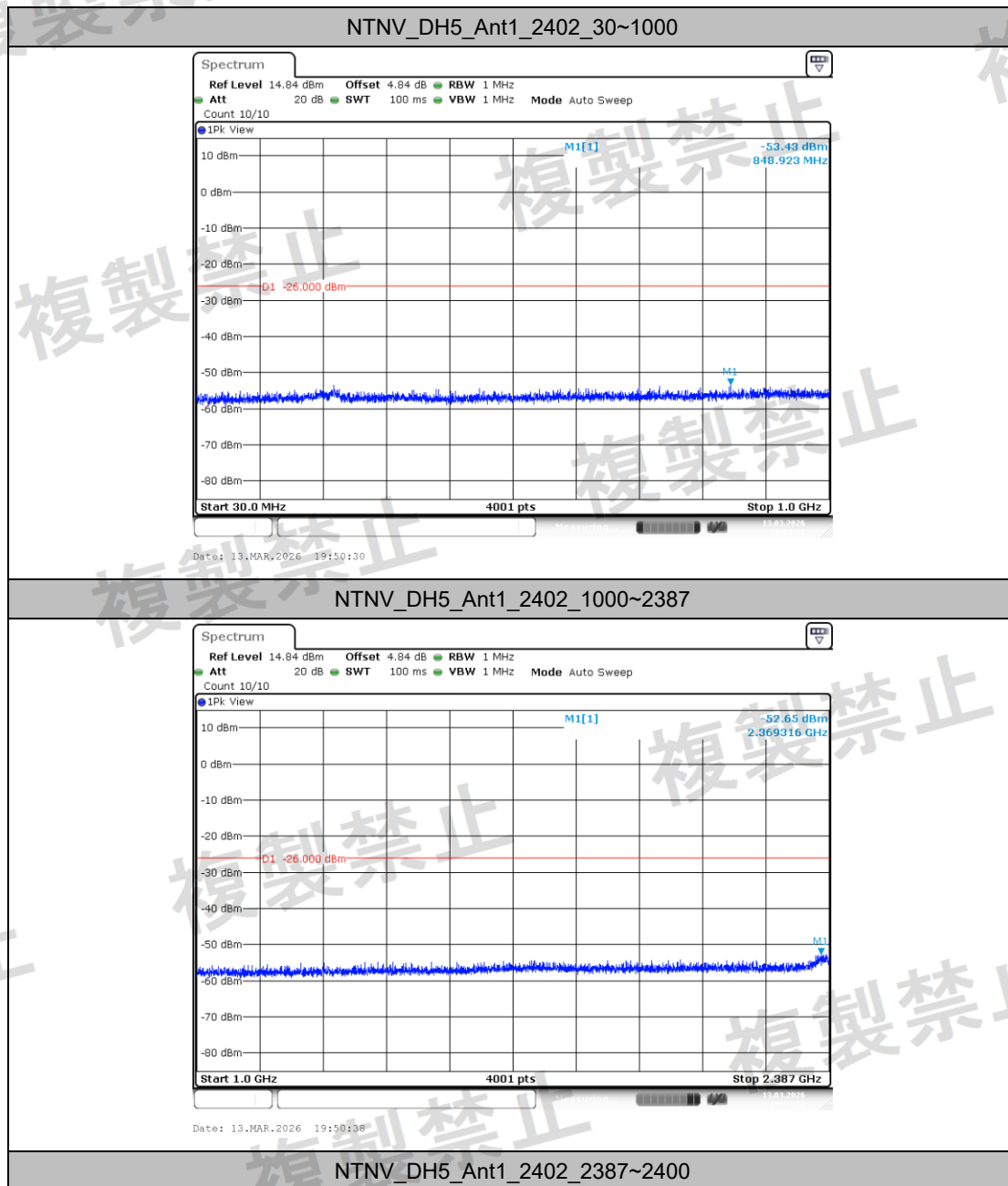


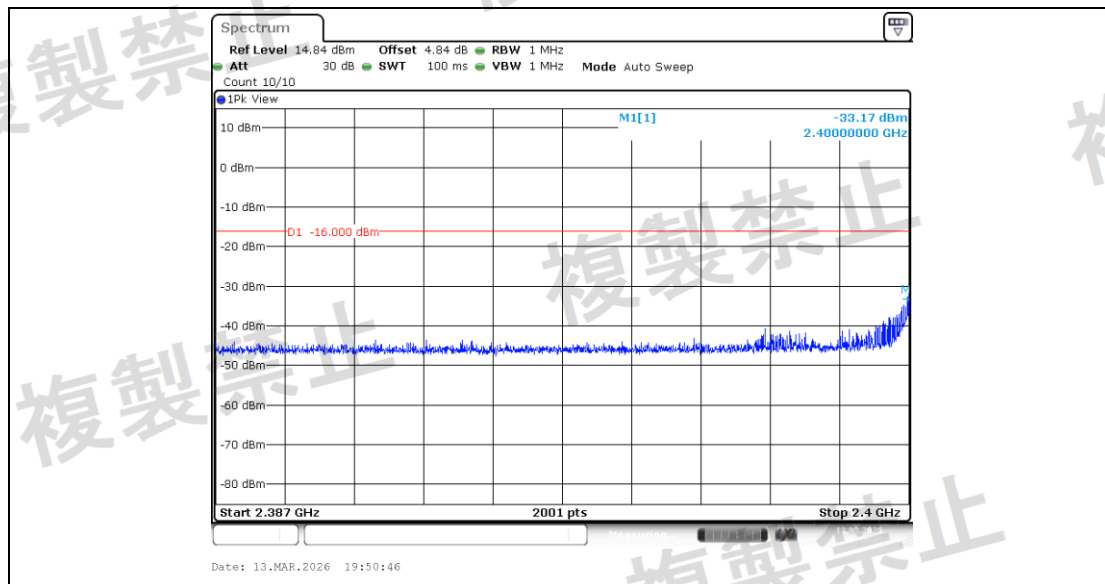
Appendix D: Spurious Emission of TX

Test Result

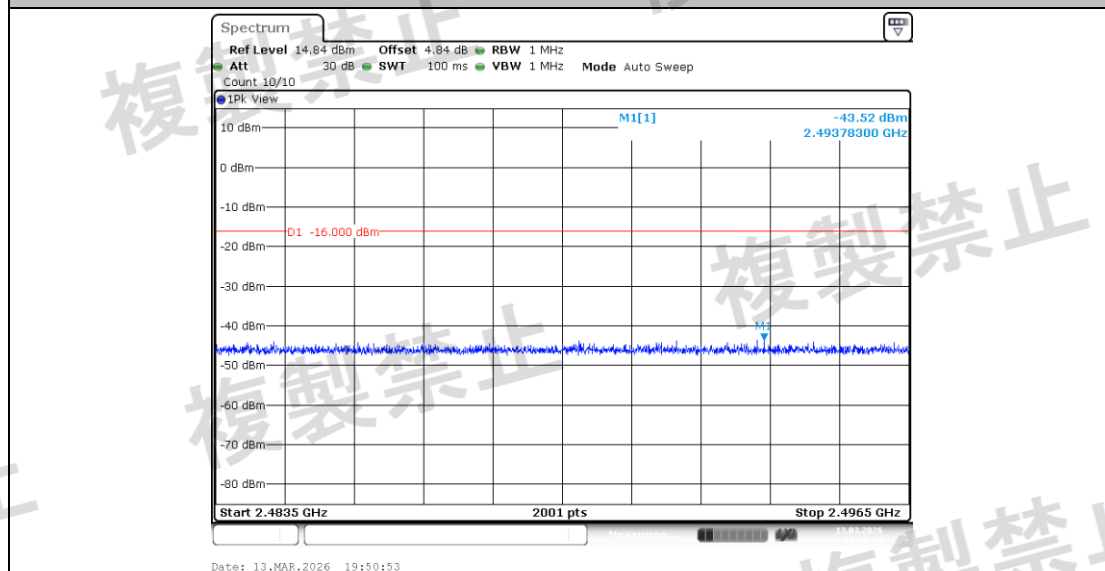
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	848.92	-53.43	≤-26	0.00454	≤2.5	PASS
				1000~2387	2369.32	-52.65	≤-26	0.00543	≤2.5	PASS
				2387~2400	2400.00	-33.17	≤-16	0.48195	≤25	PASS
				2483.5~2496.5	2493.78	-43.52	≤-16	0.04446	≤25	PASS
				2496.5~13000	4803.59	-44.40	≤-26	0.03631	≤2.5	PASS
			2441	30~1000	807.21	-52.95	≤-26	0.00507	≤2.5	PASS
				1000~2387	1770.13	-53.83	≤-26	0.00414	≤2.5	PASS
				2387~2400	2391.83	-43.72	≤-16	0.04246	≤25	PASS
				2483.5~2496.5	2491.14	-43.45	≤-16	0.04519	≤25	PASS
				2496.5~13000	4882.37	-43.63	≤-26	0.04335	≤2.5	PASS
			2480	30~1000	237.34	-52.99	≤-26	0.00502	≤2.5	PASS
				1000~2387	2113.07	-53.28	≤-26	0.00470	≤2.5	PASS
				2387~2400	2392.82	-43.32	≤-16	0.04656	≤25	PASS
				2483.5~2496.5	2484.33	-41.21	≤-16	0.07568	≤25	PASS
				2496.5~13000	4960.62	-42.84	≤-26	0.05200	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	965.32	-52.93	≤-26	0.00509	≤2.5	PASS
				1000~2387	2380.07	-53.05	≤-26	0.00495	≤2.5	PASS
				2387~2400	2400.00	-30.06	≤-16	0.98628	≤25	PASS
				2483.5~2496.5	2492.41	-43.48	≤-16	0.04487	≤25	PASS
				2496.5~13000	4804.12	-46.21	≤-26	0.02393	≤2.5	PASS
			2441	30~1000	989.57	-53.39	≤-26	0.00458	≤2.5	PASS
				1000~2387	1978.18	-53.62	≤-26	0.00435	≤2.5	PASS
				2387~2400	2389.82	-43.77	≤-16	0.04198	≤25	PASS
				2483.5~2496.5	2489.85	-43.29	≤-16	0.04688	≤25	PASS
				2496.5~13000	5212.18	-43.76	≤-26	0.04207	≤2.5	PASS
			2480	30~1000	904.21	-37.40	≤-26	0.18197	≤2.5	PASS
				1000~2387	1763.89	-53.23	≤-26	0.00475	≤2.5	PASS
				2387~2400	2391.62	-43.78	≤-16	0.04188	≤25	PASS
				2483.5~2496.5	2484.57	-43.26	≤-16	0.04721	≤25	PASS
				2496.5~13000	4960.10	-46.32	≤-26	0.02333	≤2.5	PASS

Test Graphs

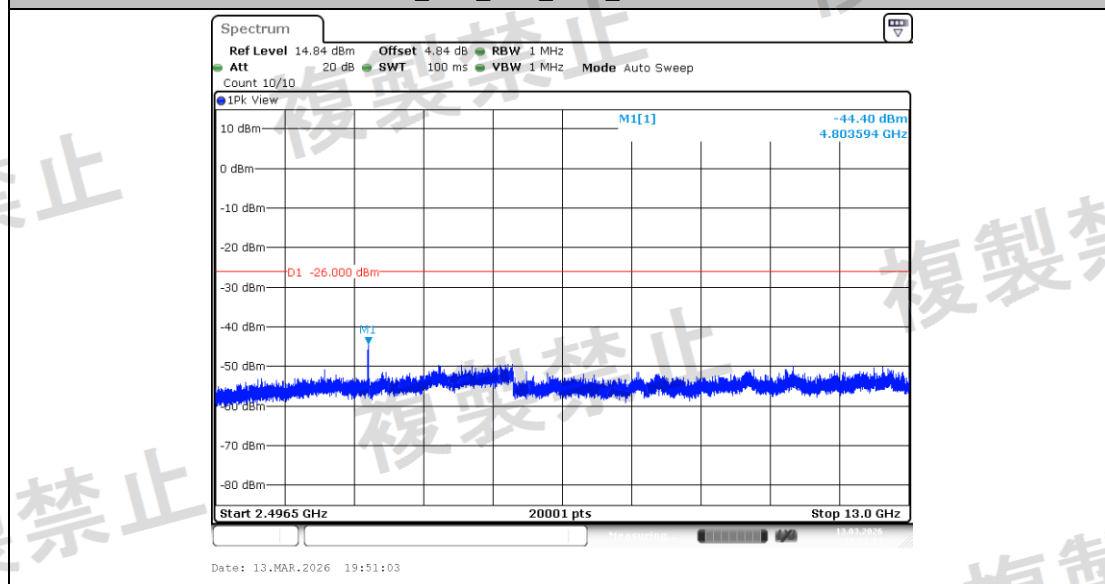


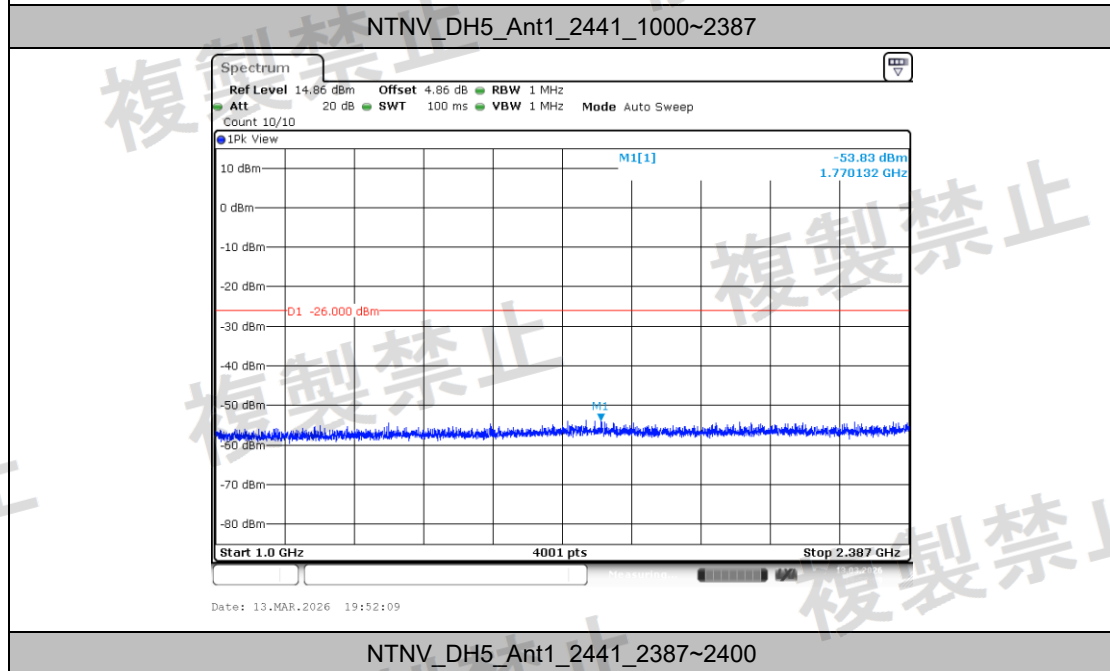
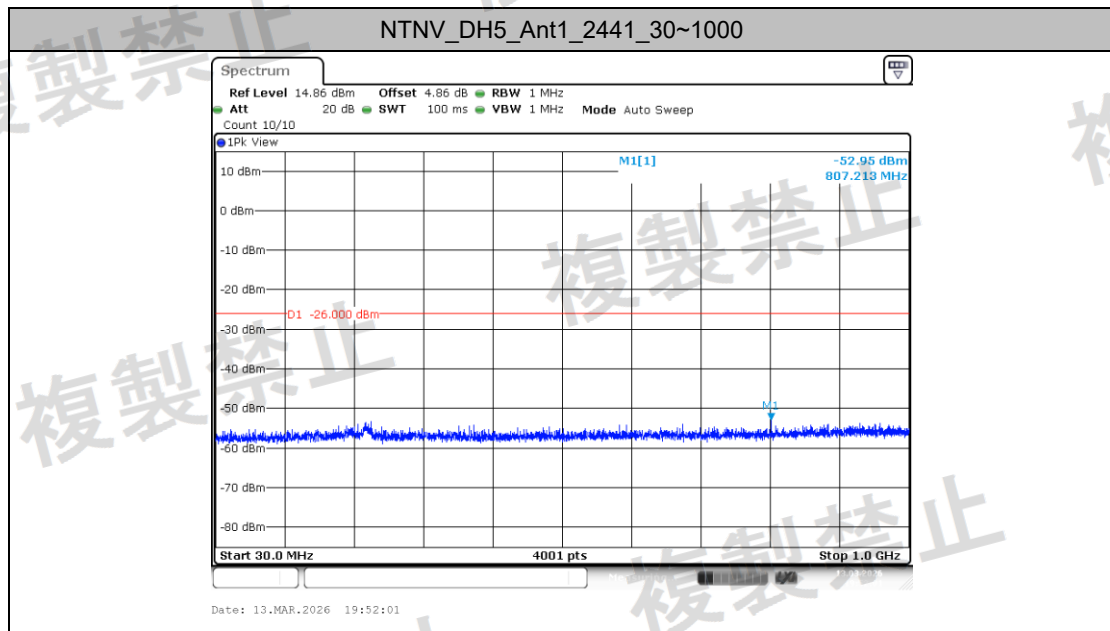


NTNV_DH5_Ant1_2402_2483.5~2496.5

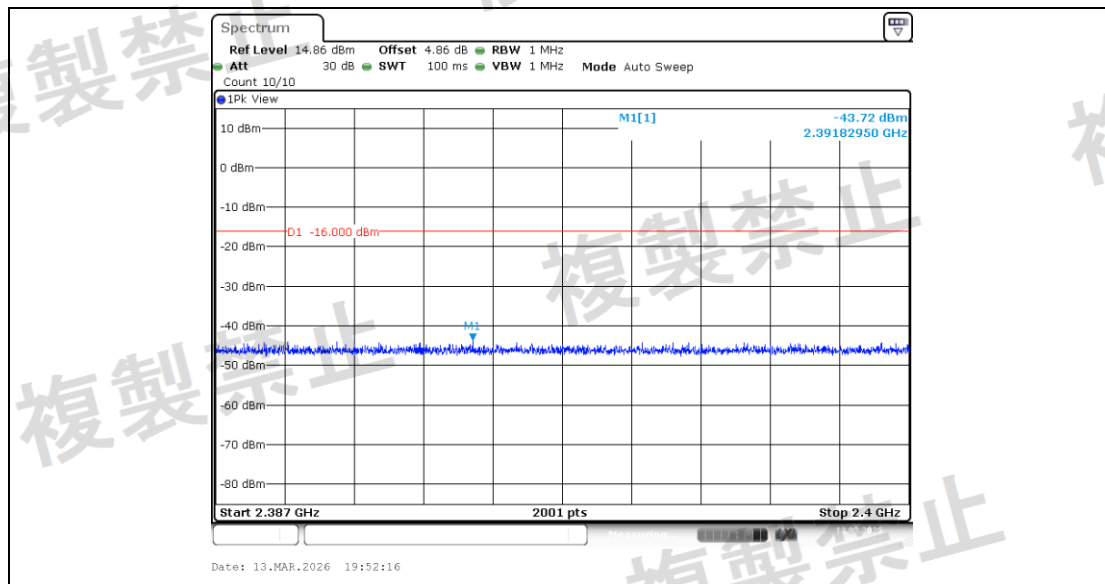


NTNV_DH5_Ant1_2402_2496.5~13000

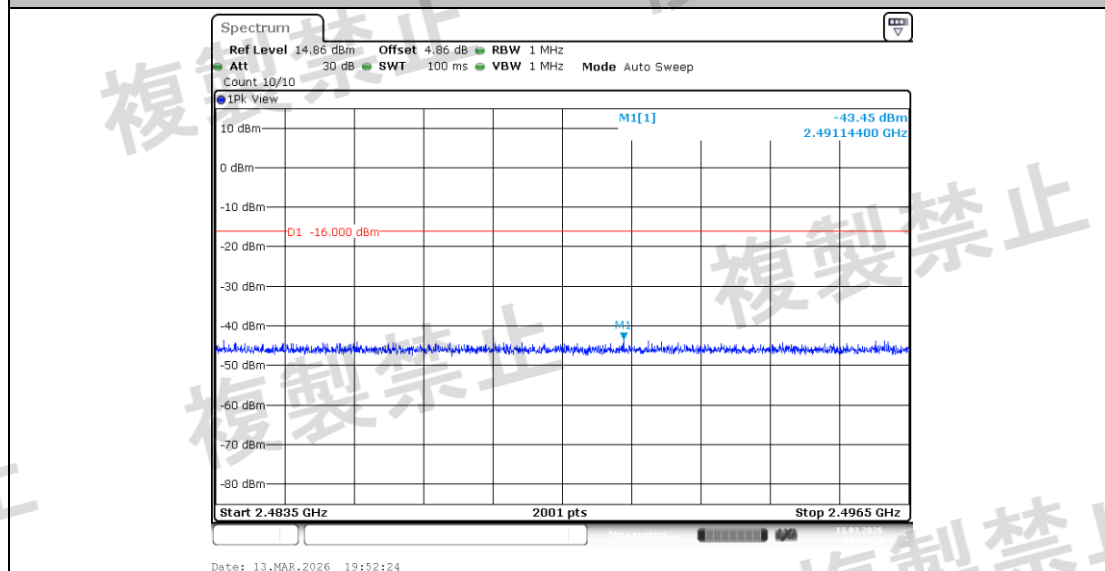




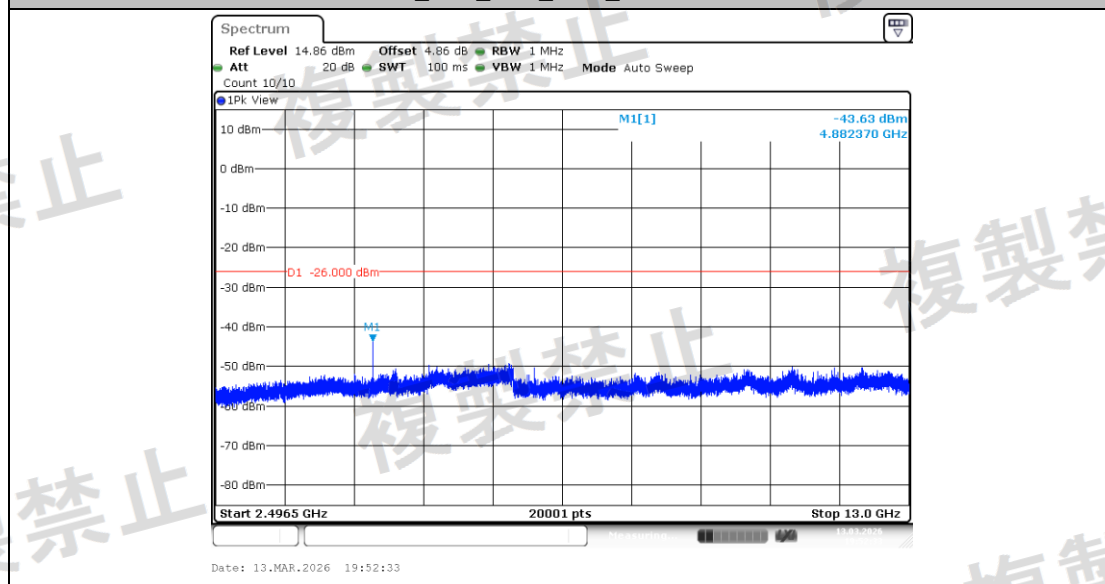
NTNV_DH5_Ant1_2441_2387~2400

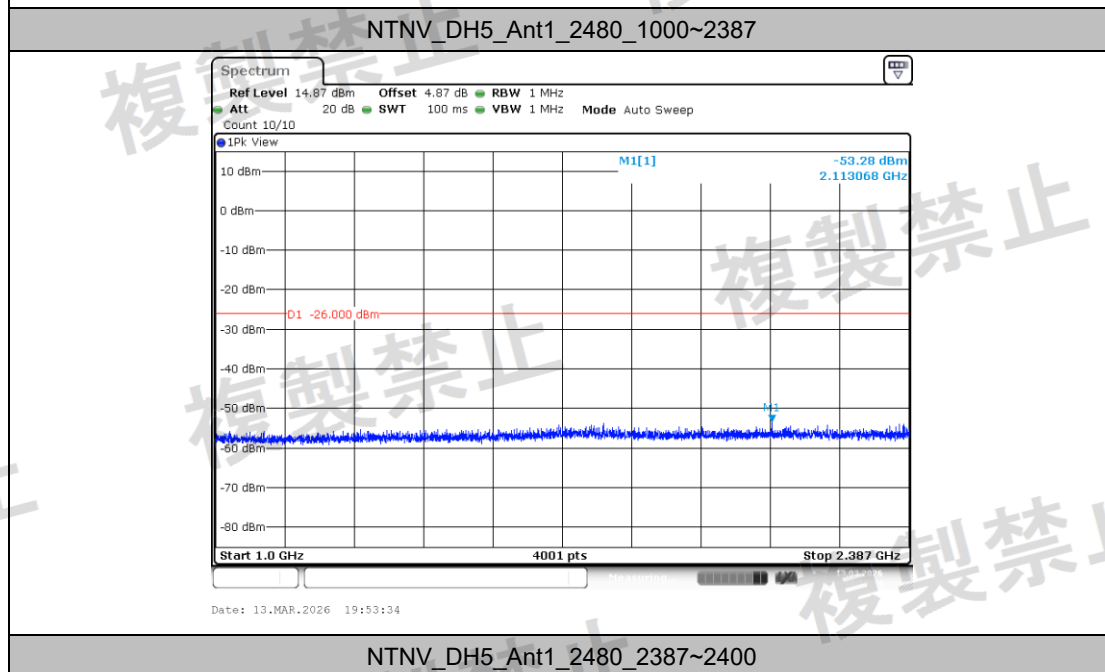
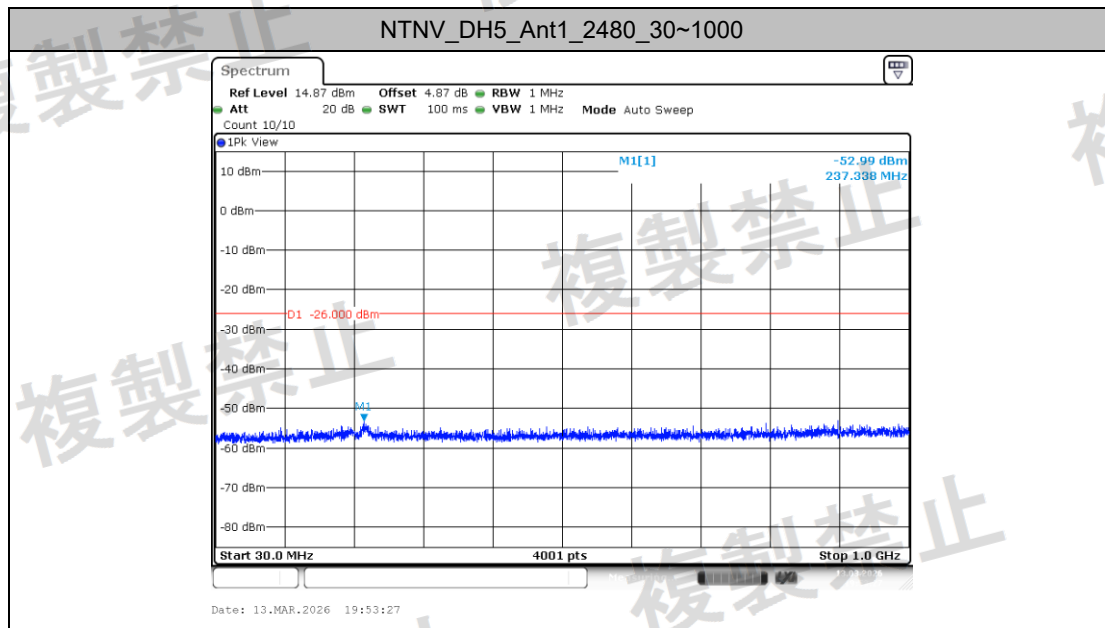


NTNV_DH5_Ant1_2441_2483.5~2496.5

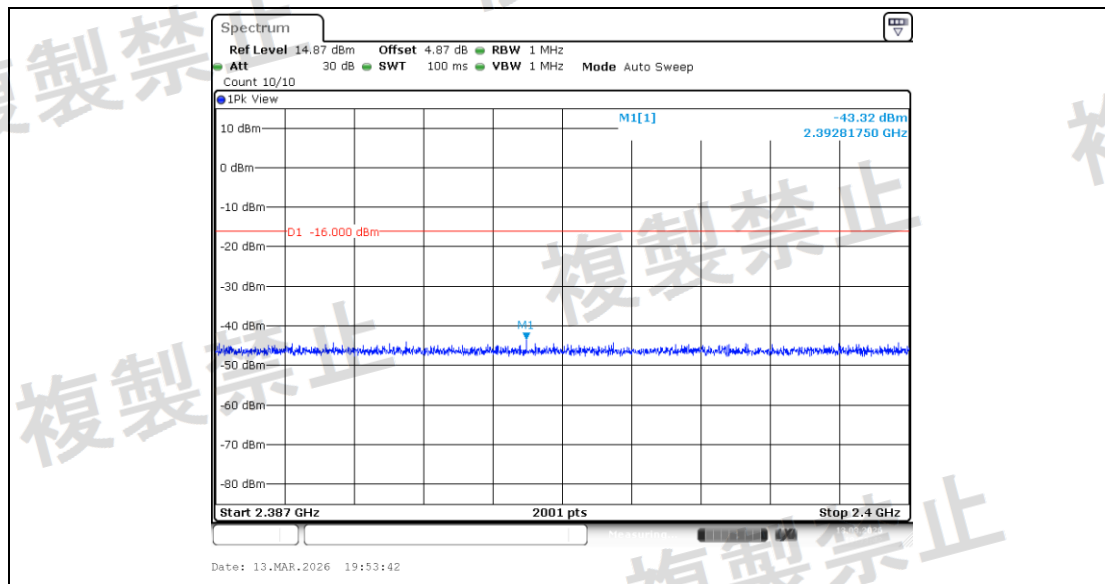


NTNV_DH5_Ant1_2441_2496.5~13000

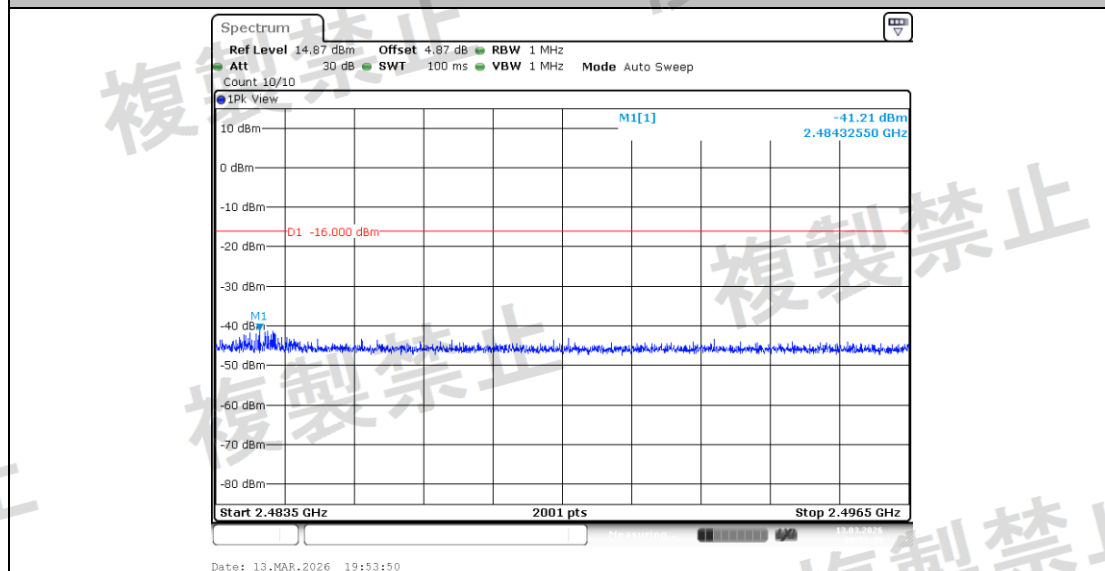




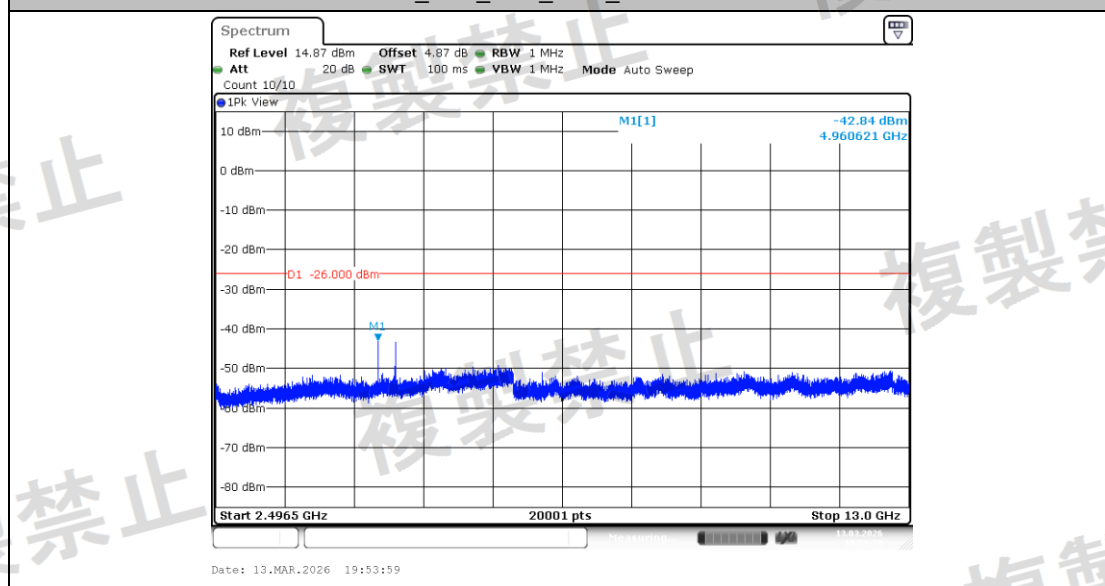
NTNV_DH5_Ant1_2480_2387~2400

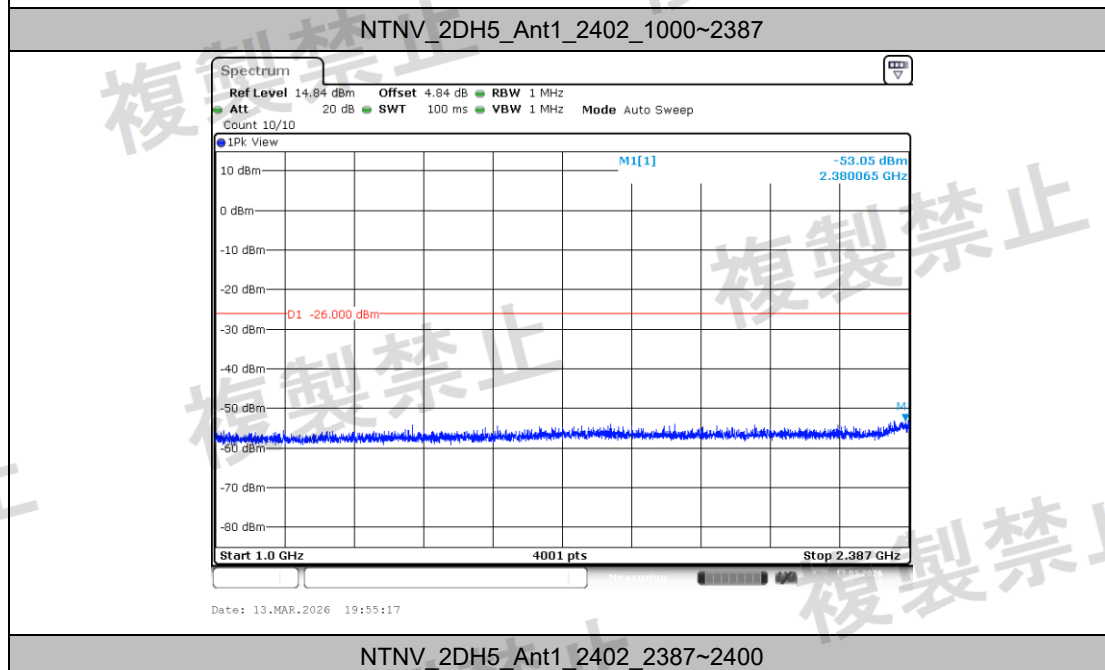
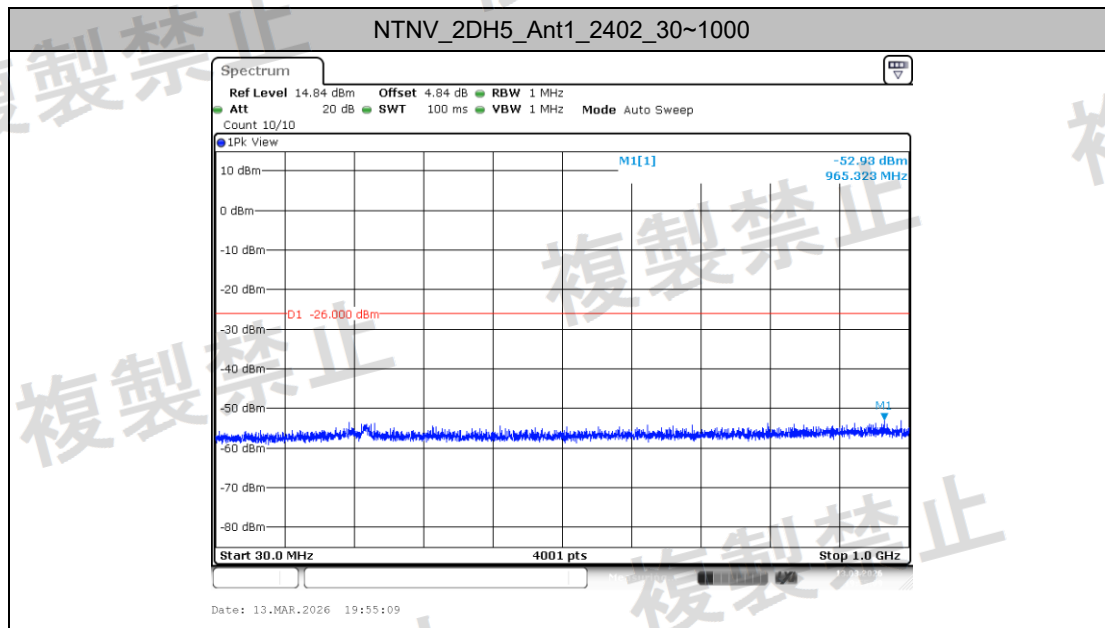


NTNV_DH5_Ant1_2480_2483.5~2496.5

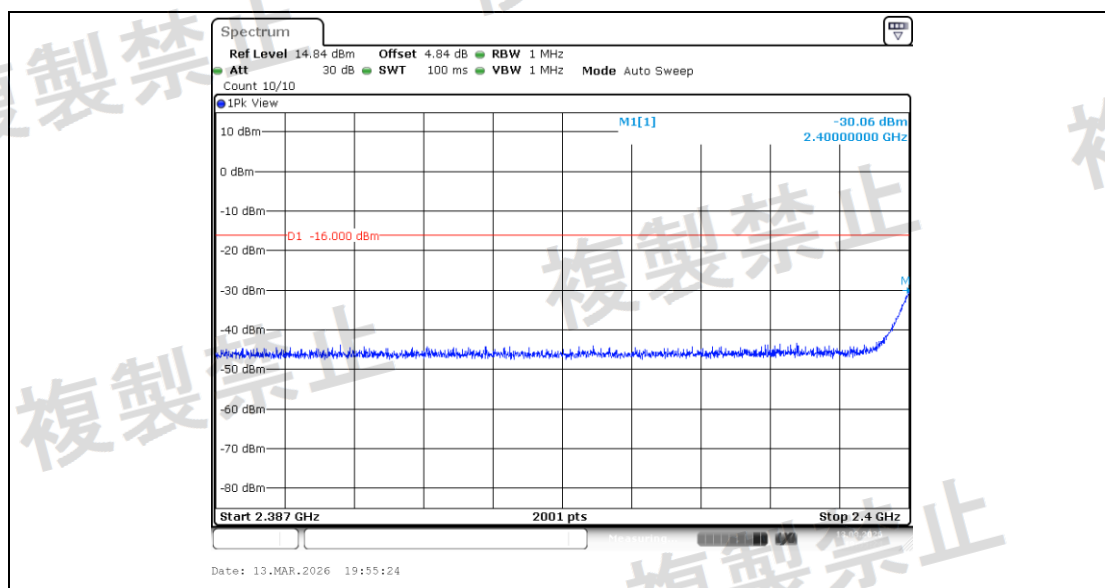


NTNV_DH5_Ant1_2480_2496.5~13000

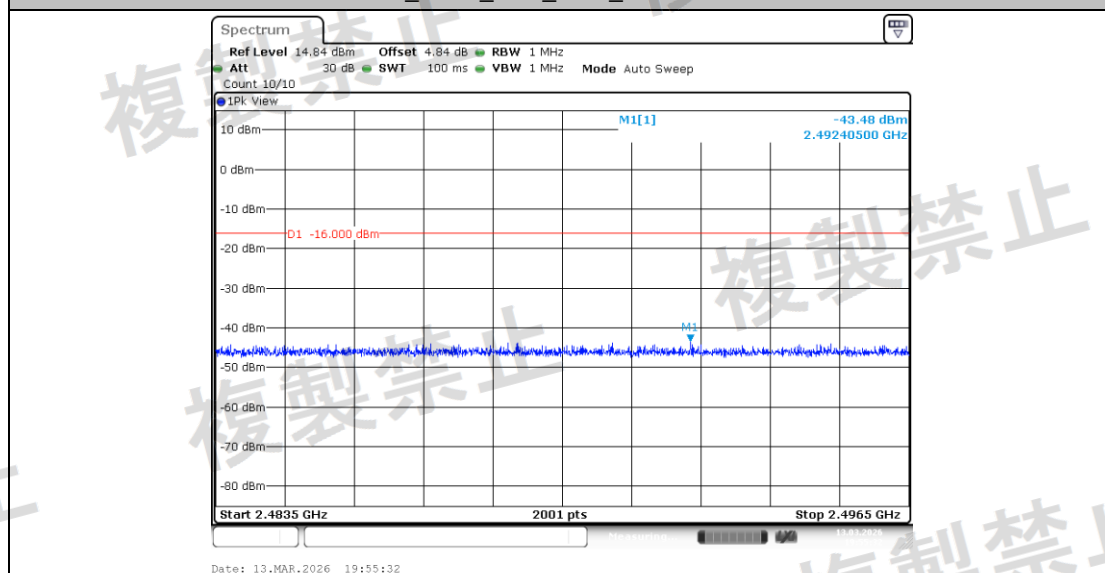




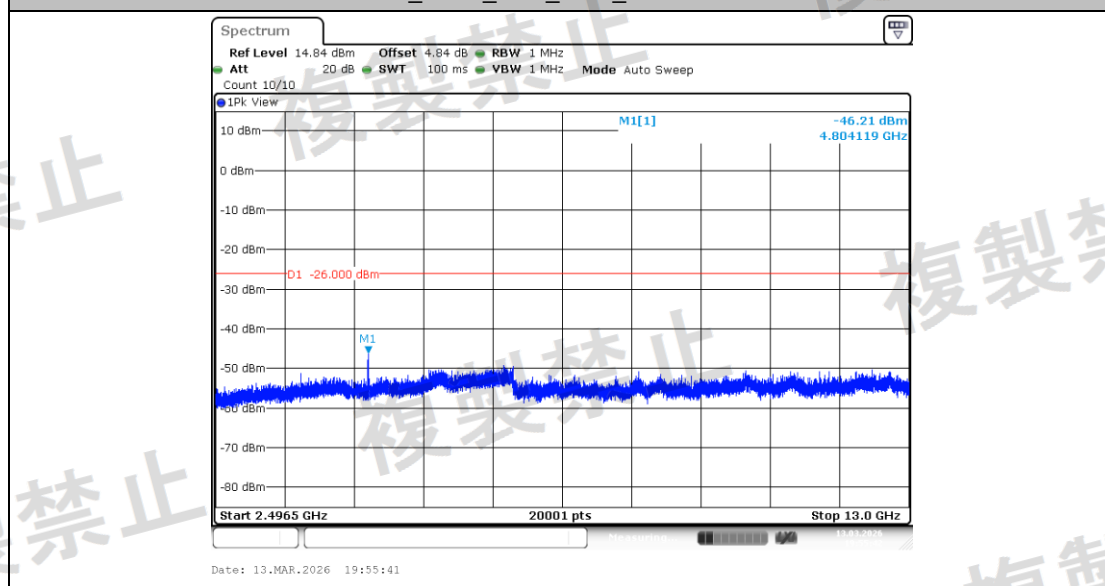
NTNV_2DH5_Ant1_2402_2387~2400

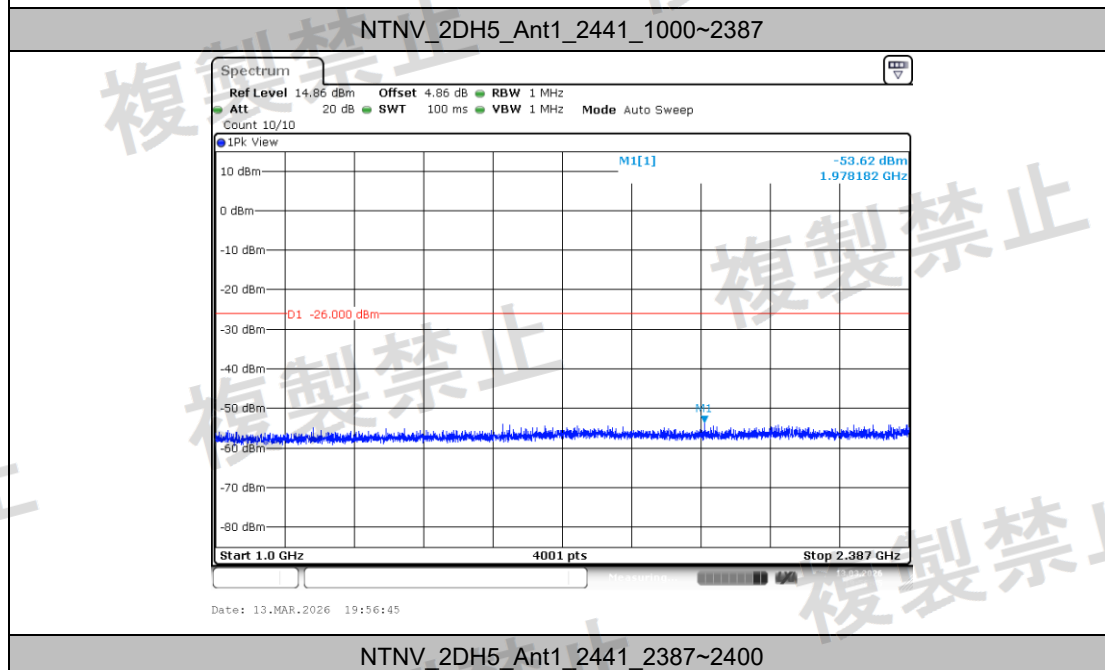
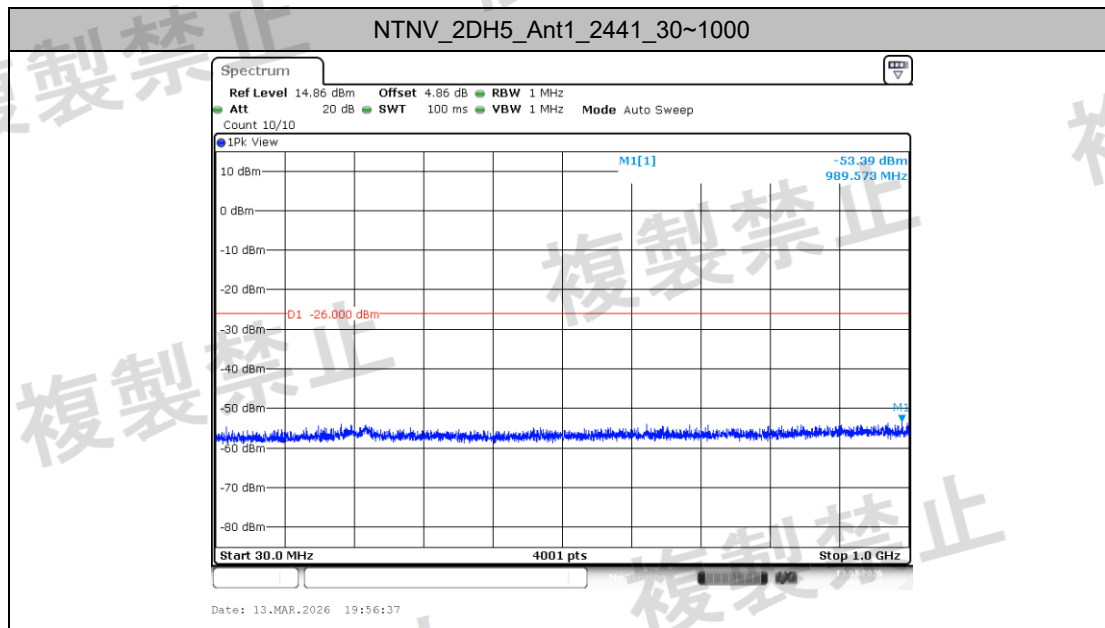


NTNV_2DH5_Ant1_2402_2483.5~2496.5

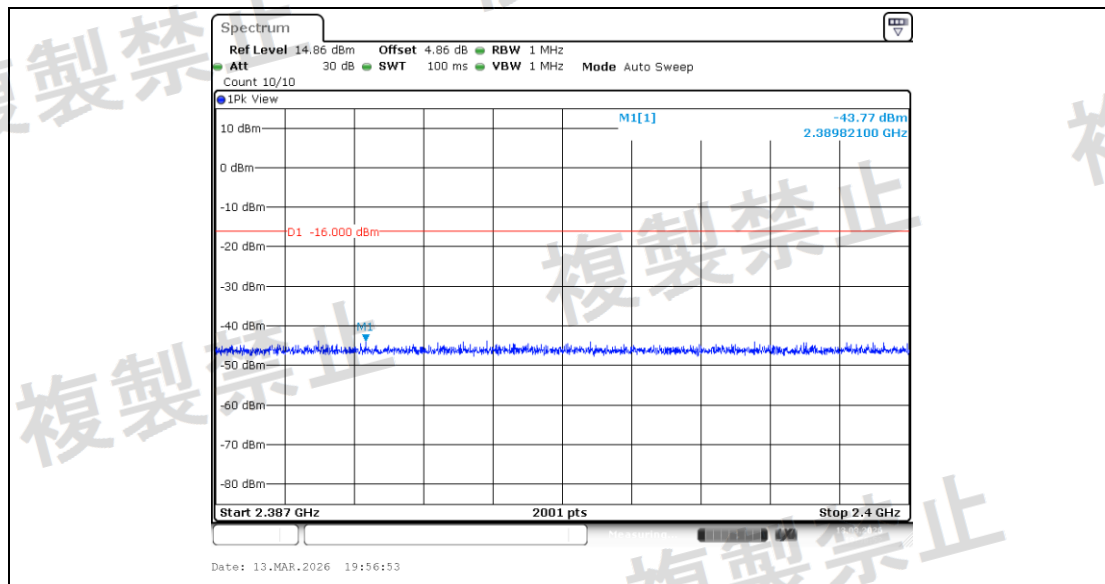


NTNV_2DH5_Ant1_2402_2496.5~13000

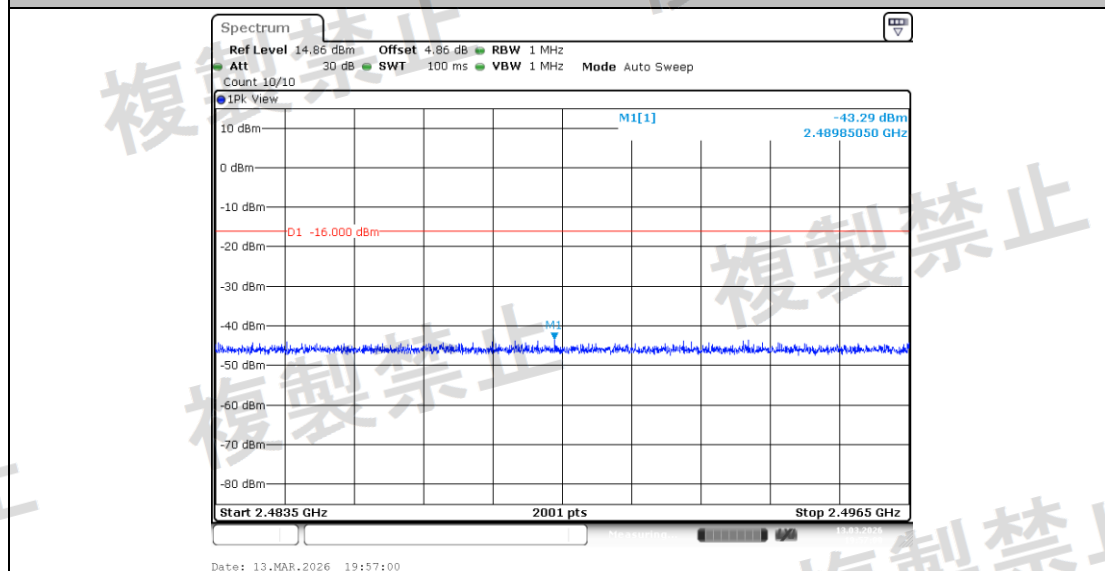




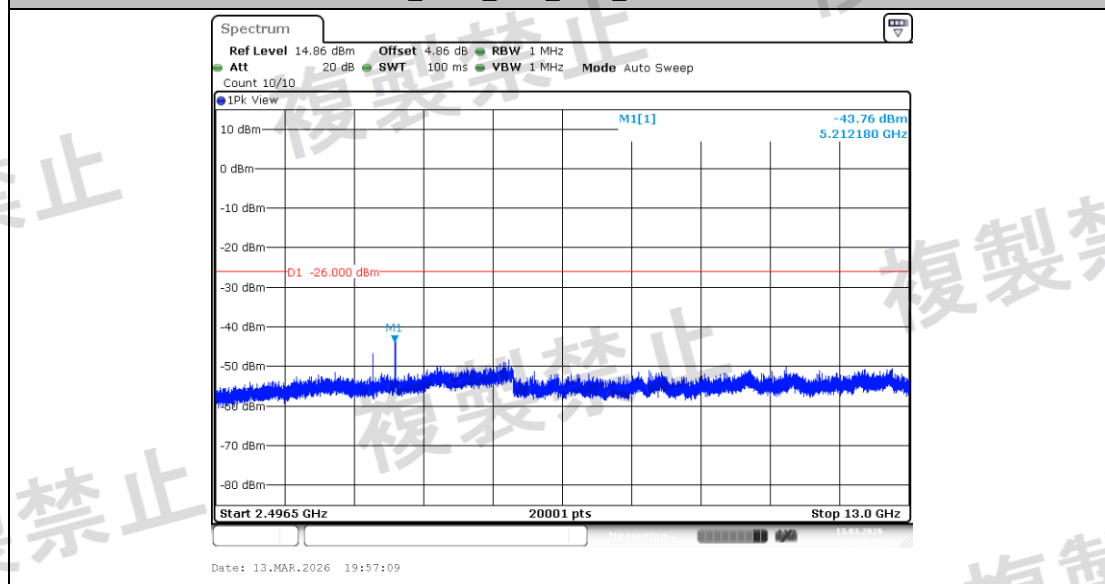
NTNV_2DH5_Ant1_2441_2387~2400

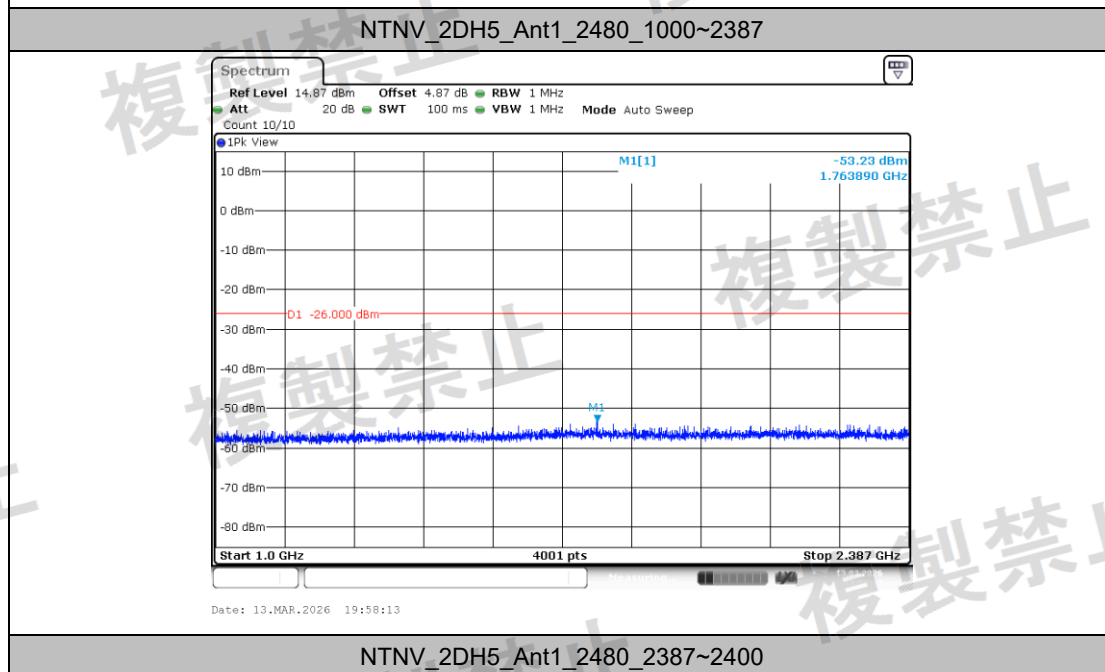
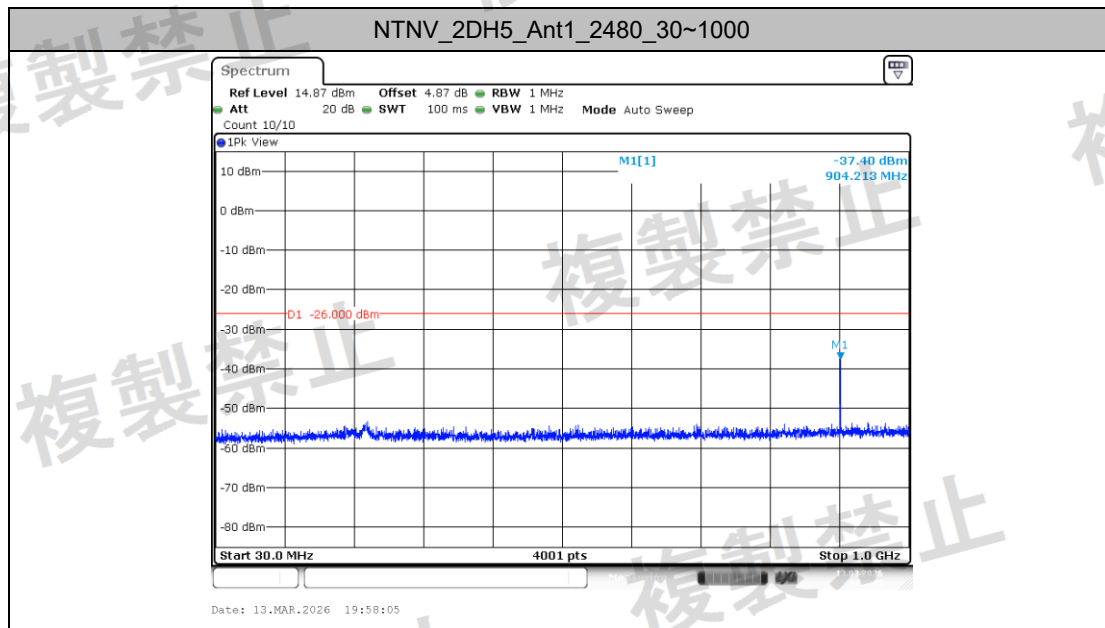


NTVN_2DH5_Ant1_2441_2483.5~2496.5

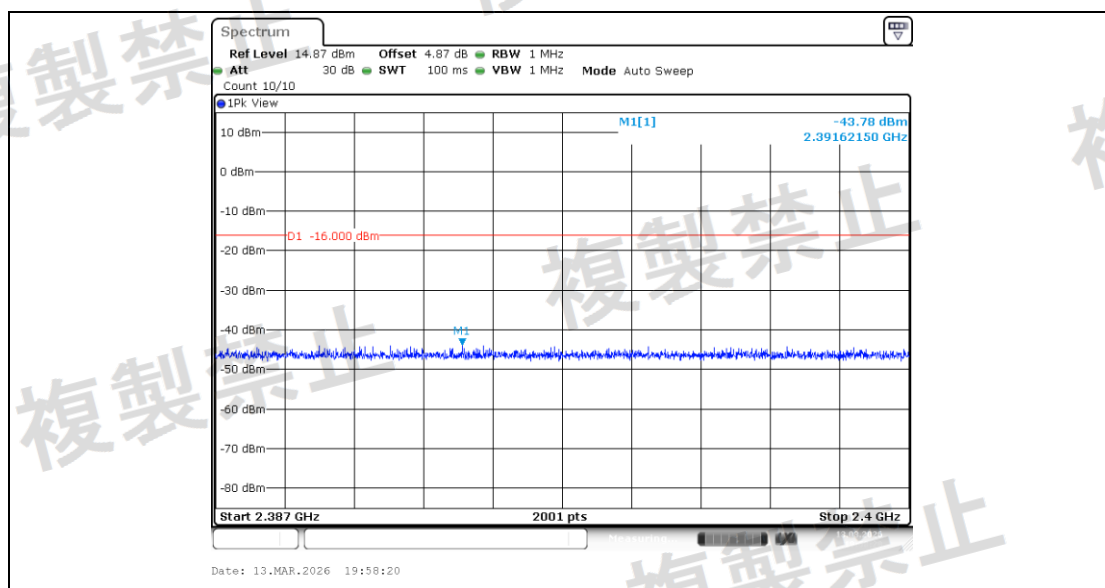


NTVN_2DH5_Ant1_2441_2496.5~13000

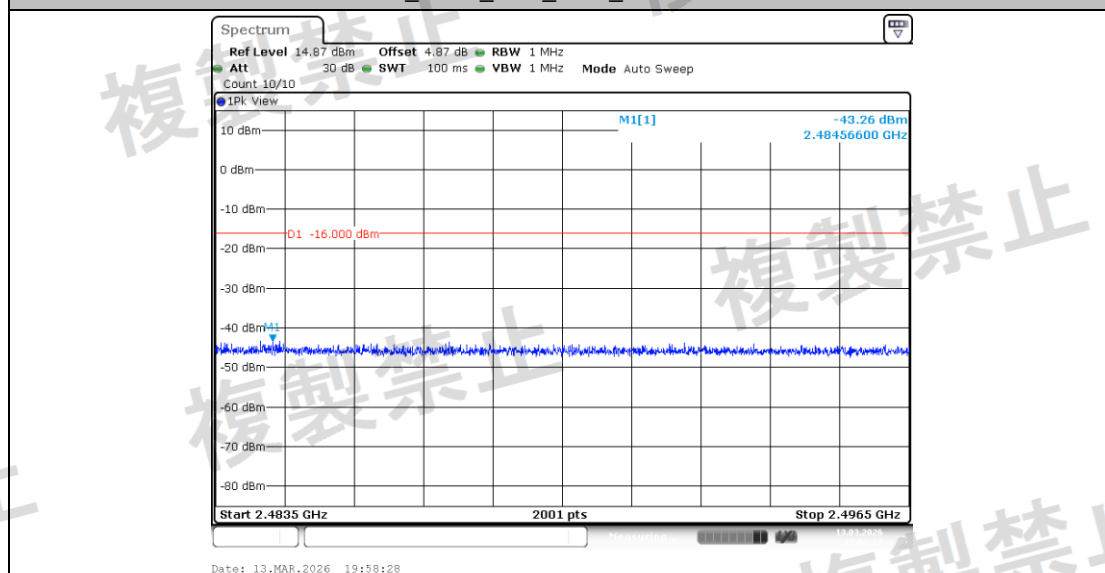




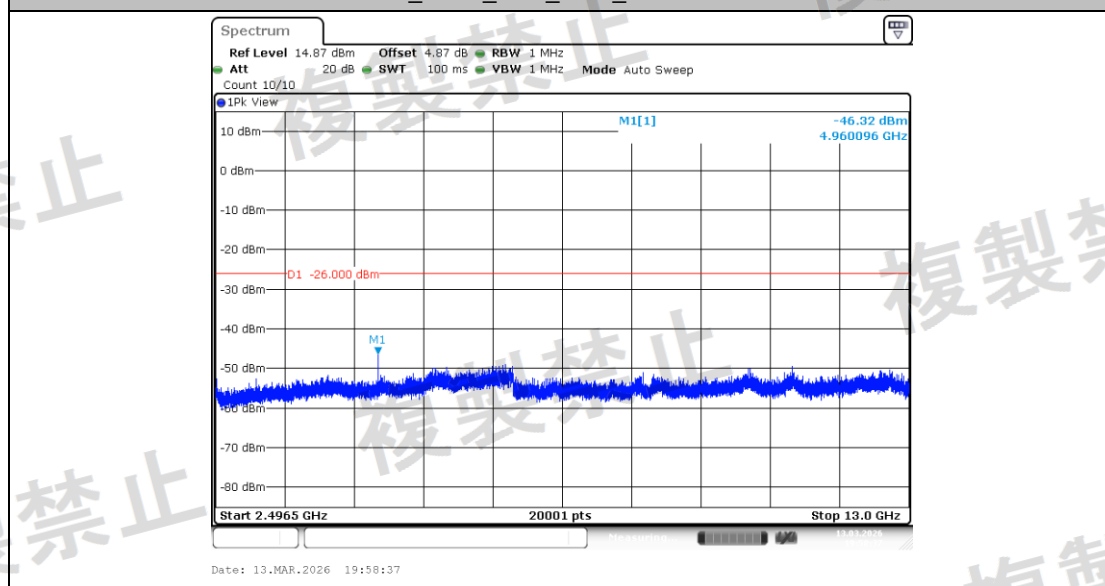
NTNV_2DH5_Ant1_2480_2387~2400



NTVN_2DH5_Ant1_2480_2483.5~2496.5



NTVN_2DH5_Ant1_2480_2496.5~13000

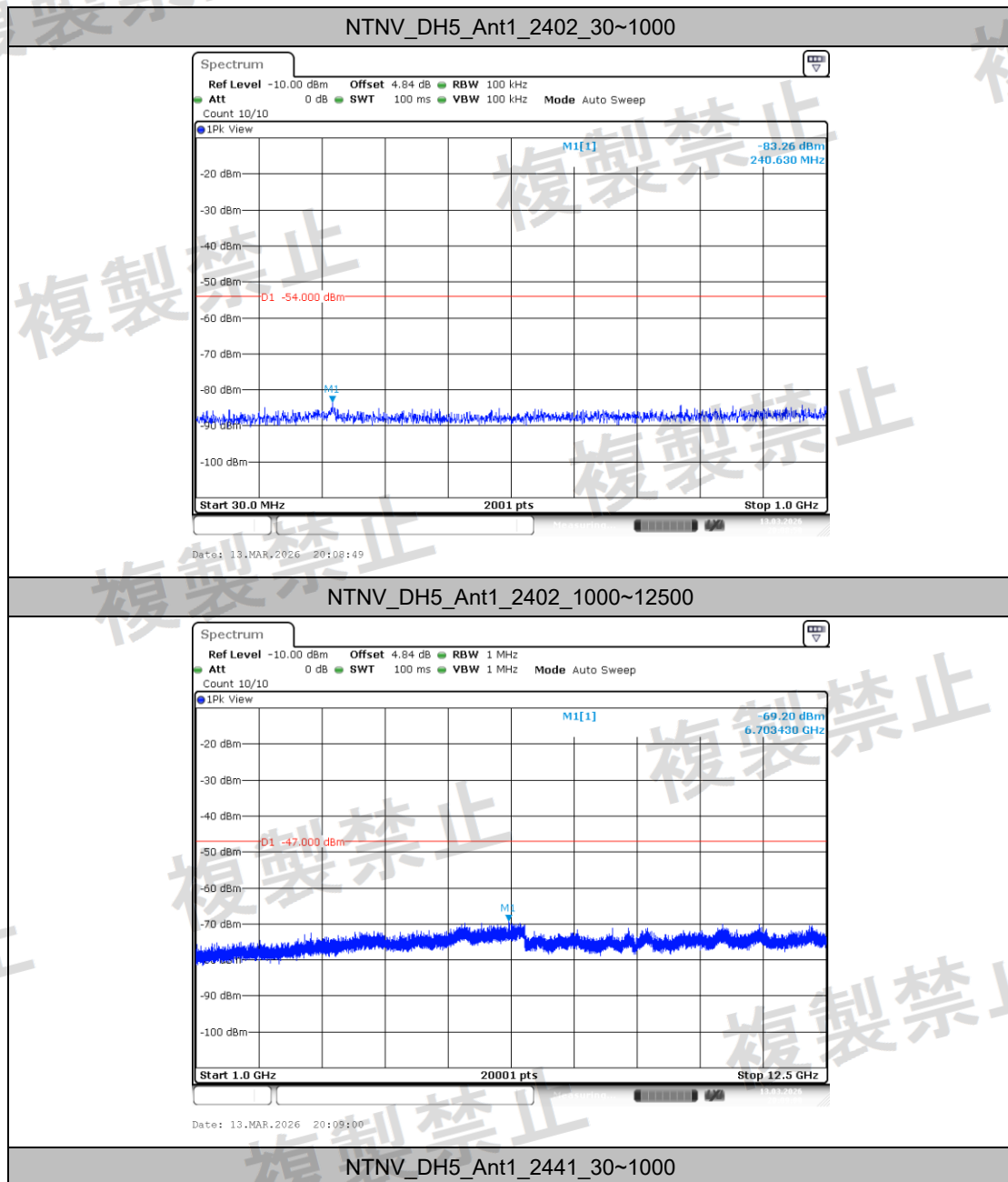


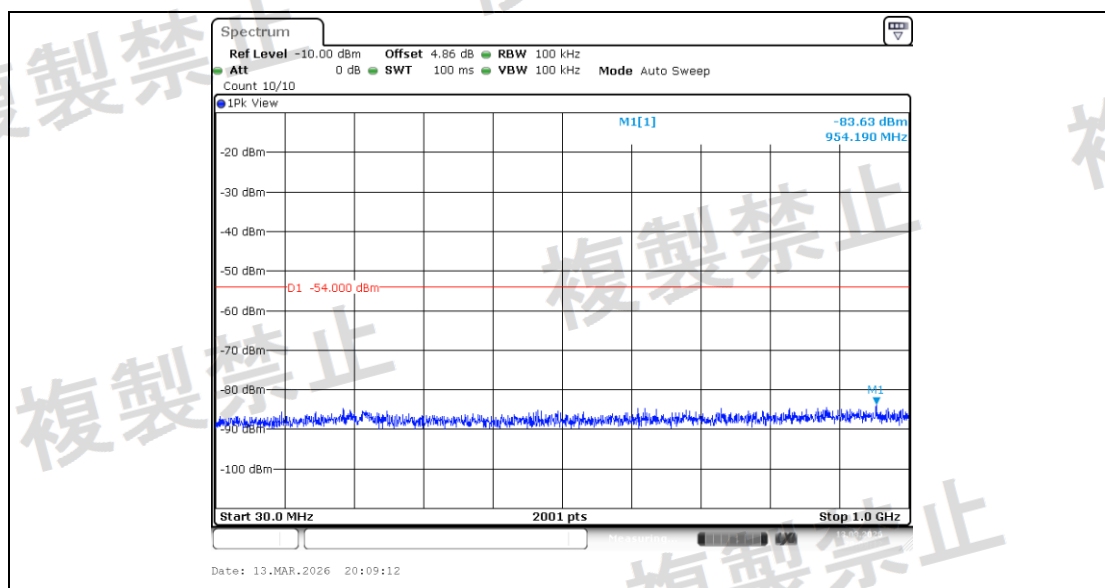
Appendix E: Spurious Emission of RX

Test Result

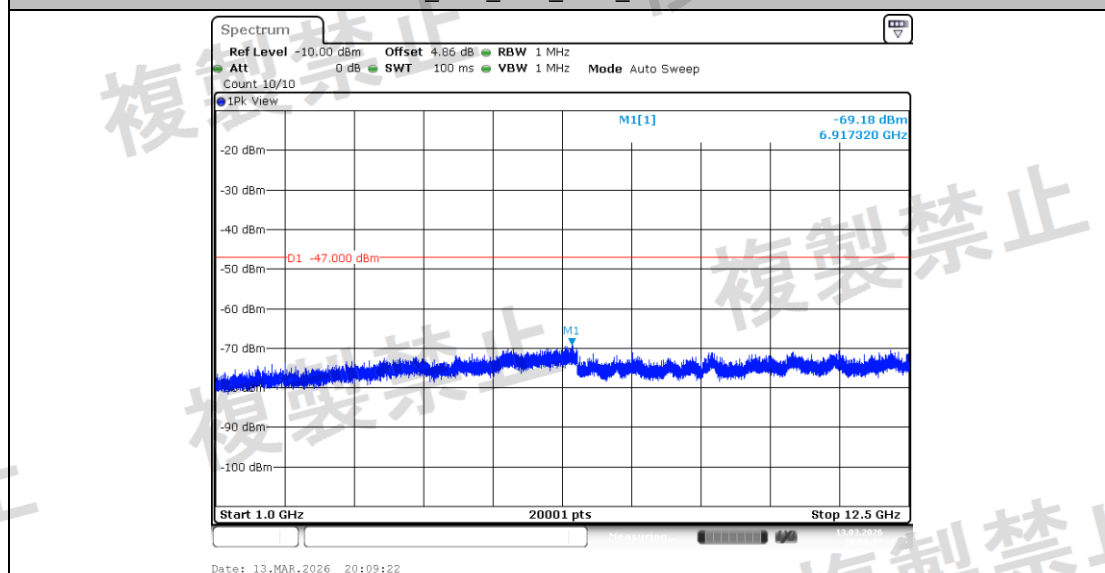
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	240.63	-83.26	≤-54	0.0047 2	≤4	PASS
				1000~12500	6703.4 3	-69.20	≤-47	0.1202 3	≤20	PASS
			2441	30~1000	954.19	-83.63	≤-54	0.0043 4	≤4	PASS
				1000~12500	6917.3 2	-69.18	≤-47	0.1207 8	≤20	PASS
			2480	30~1000	238.20	-83.72	≤-54	0.0042 5	≤4	PASS
				1000~12500	6805.2 0	-68.57	≤-47	0.1390 0	≤20	PASS
	2DH5	Ant1	2402	30~1000	213.00	-83.83	≤-54	0.0041 4	≤4	PASS
				1000~12500	6957.5 6	-68.94	≤-47	0.1276 4	≤20	PASS
			2441	30~1000	636.19	-83.99	≤-54	0.0039 9	≤4	PASS
				1000~12500	5961.7 1	-69.00	≤-47	0.1258 9	≤20	PASS
			2480	30~1000	219.30	-82.93	≤-54	0.0050 9	≤4	PASS
				1000~12500	6661.4 5	-69.02	≤-47	0.1253 1	≤20	PASS

Test Graphs

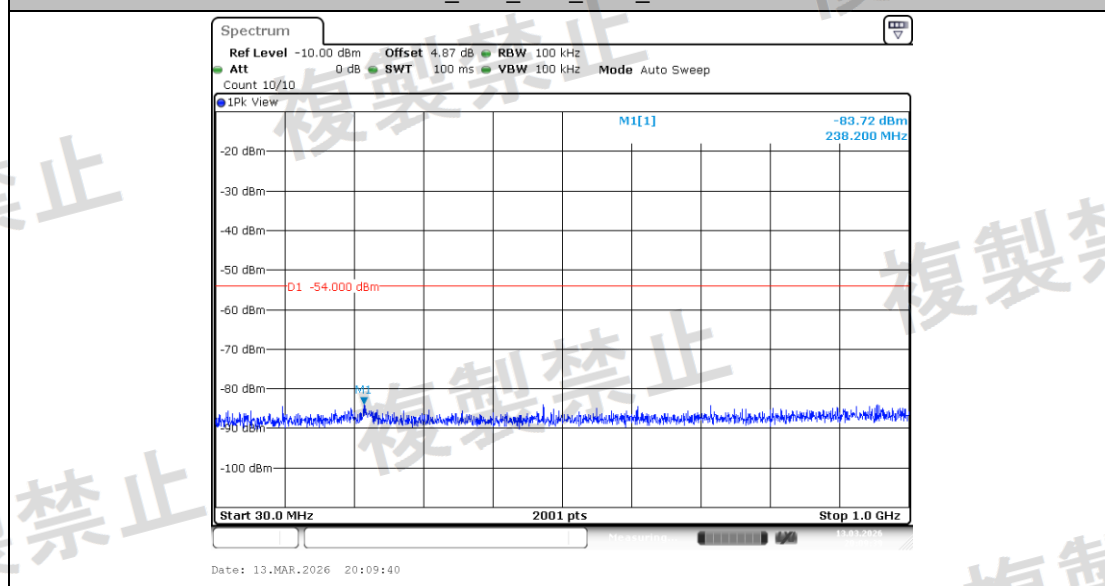


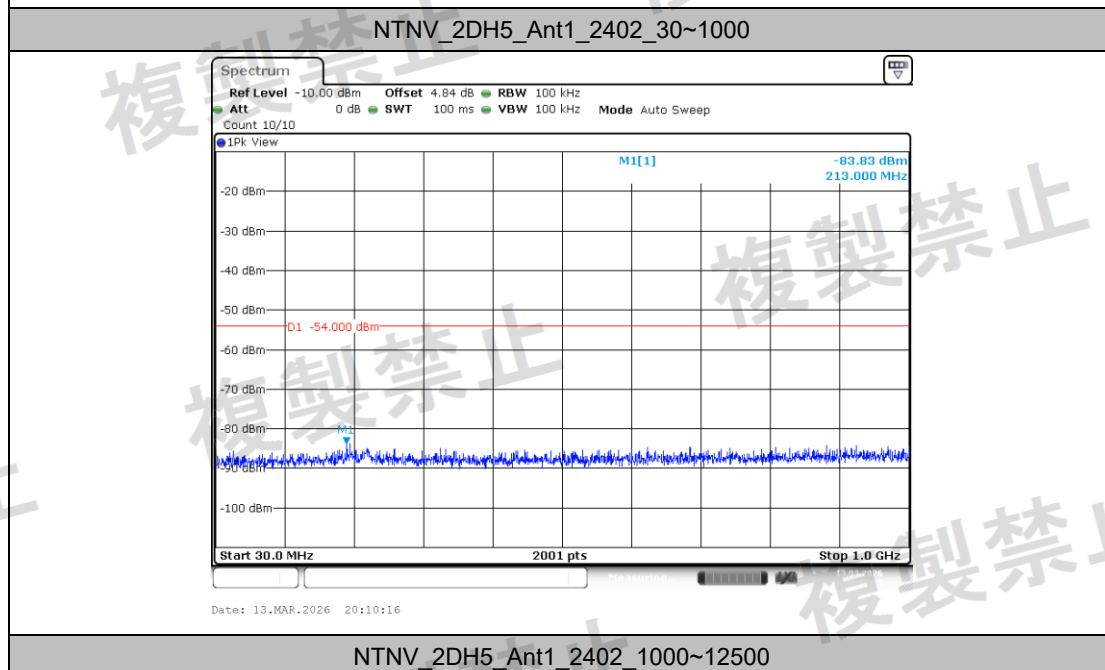
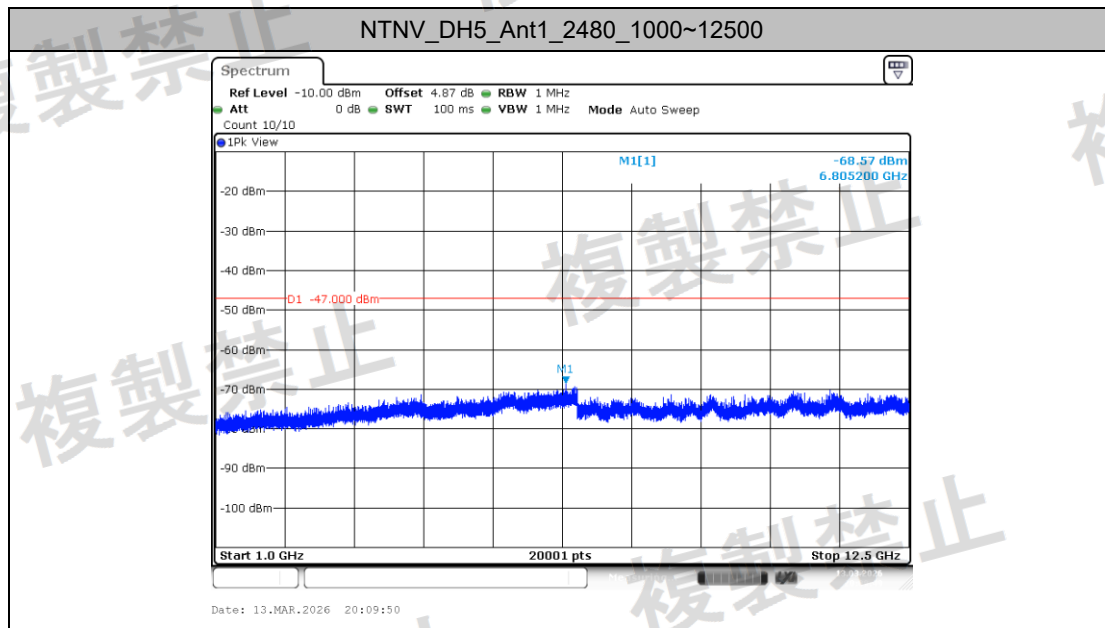


NTNV_DH5_Ant1_2441_1000~12500

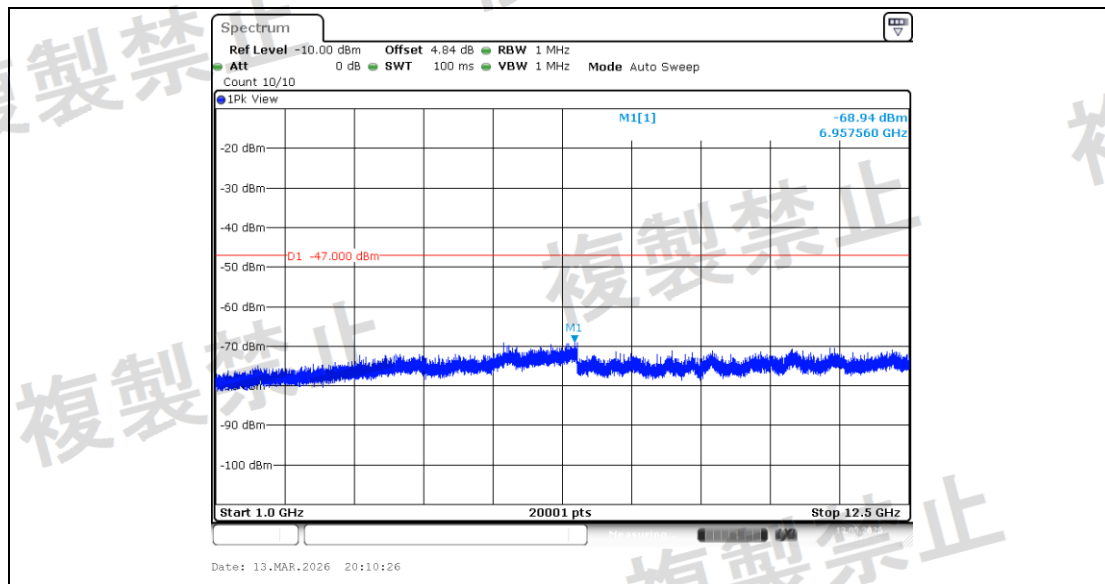


NTNV_DH5_Ant1_2480_30~1000

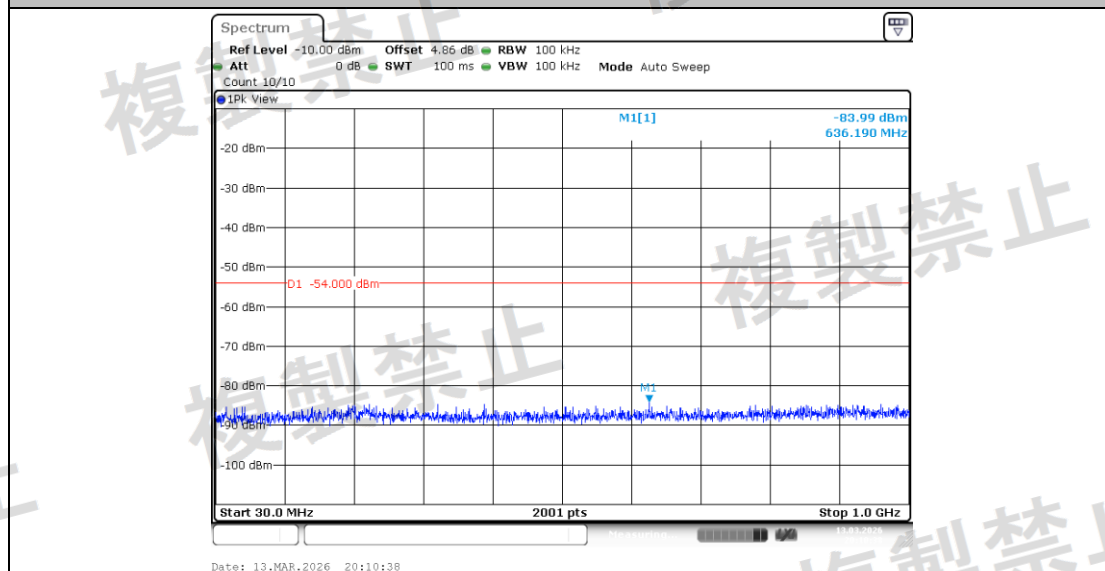




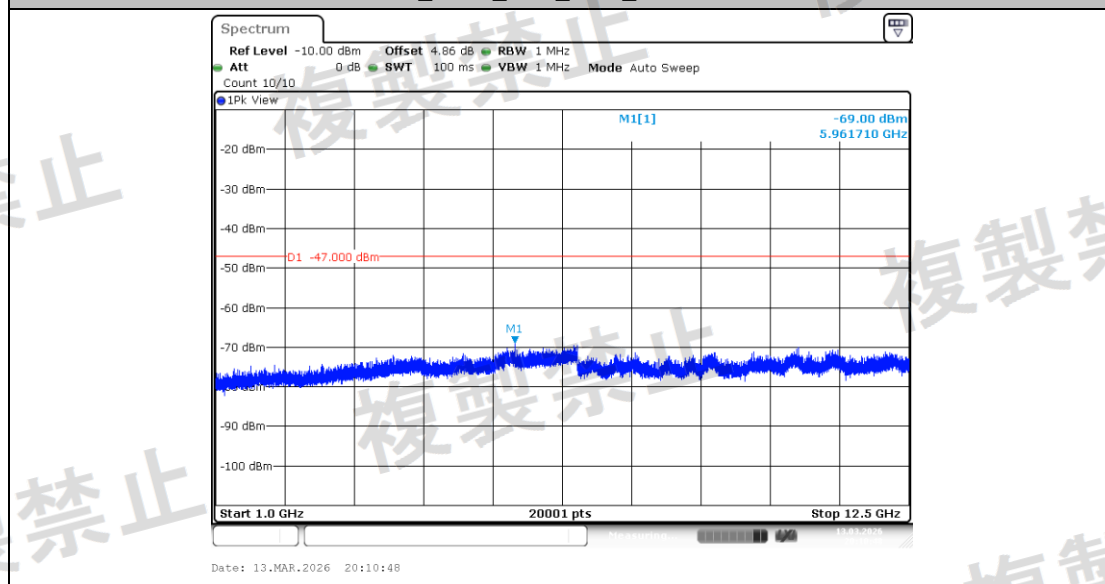
NTNV_2DH5_Ant1_2402_1000~12500

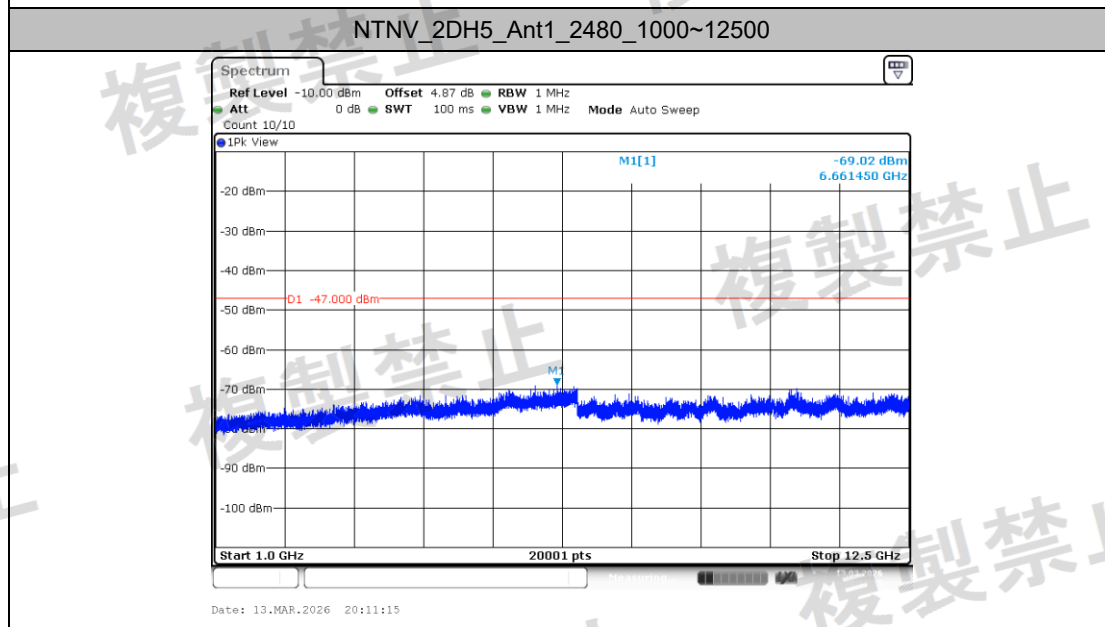
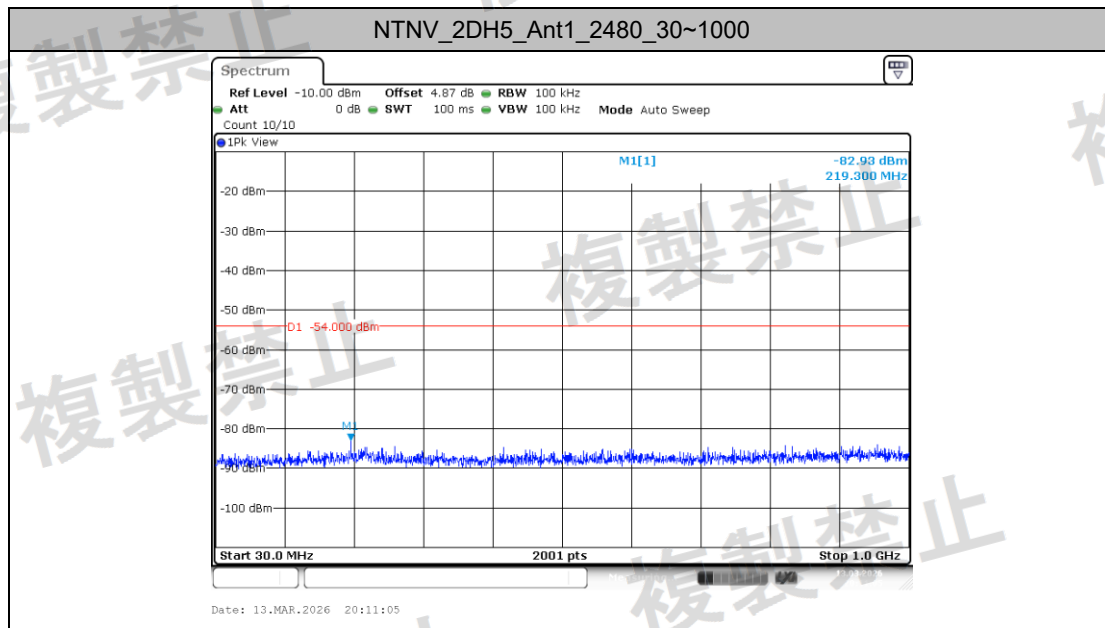


NTNV_2DH5_Ant1_2441_30~1000



NTNV_2DH5_Ant1_2441_1000~12500



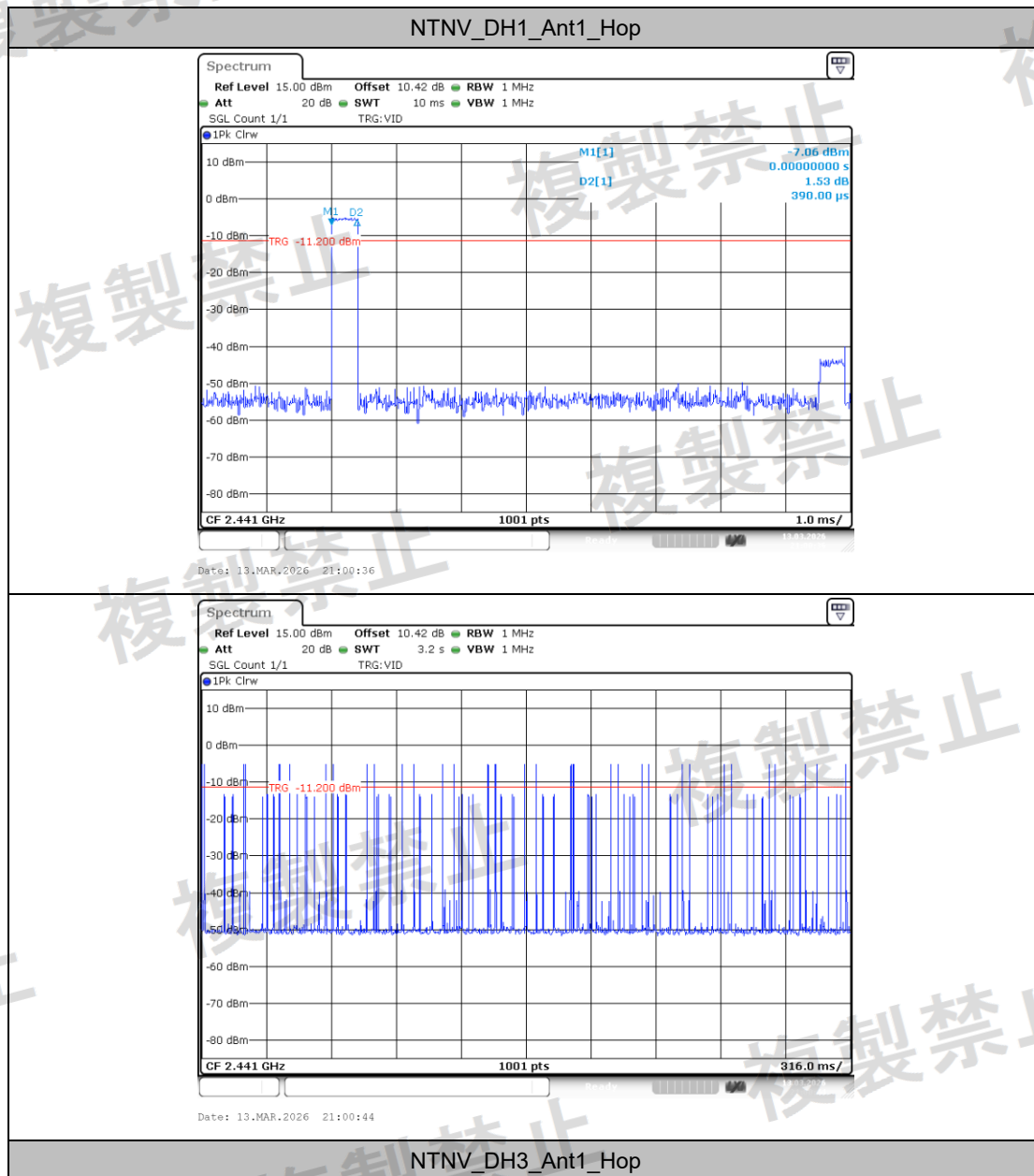


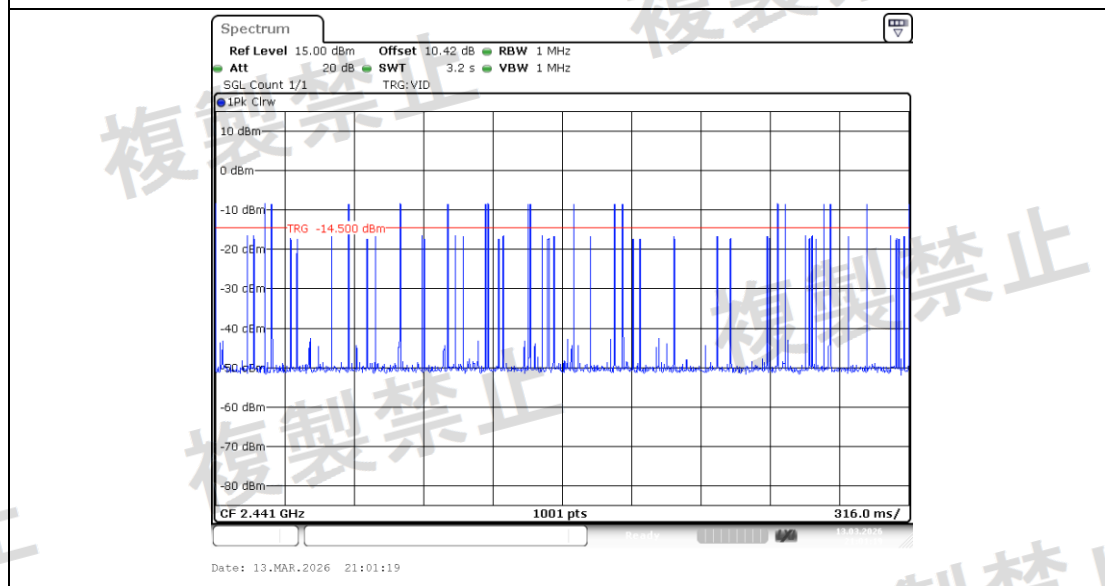
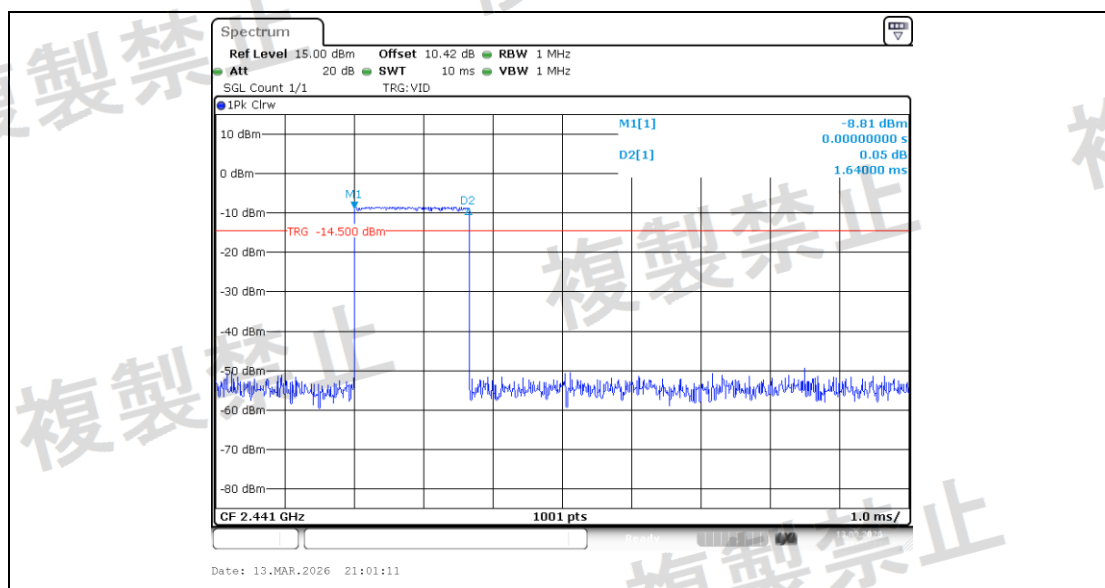
Appendix F: Dwell Time

Test Result

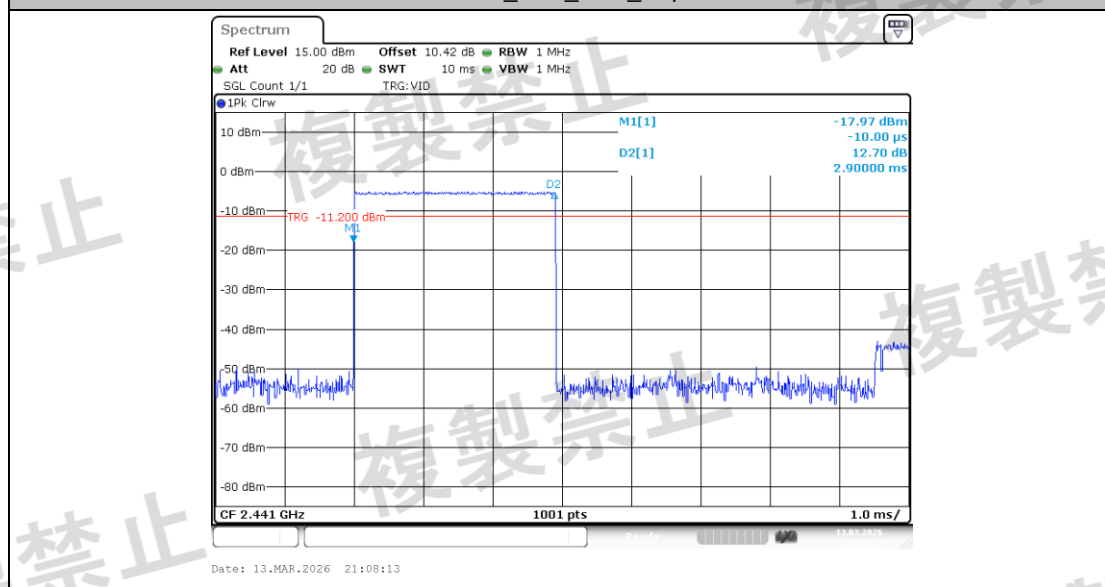
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.39	300	0.117	≤0.4	PASS
	DH3	Ant1	Hop	1.64	160	0.262	≤0.4	PASS
	DH5	Ant1	Hop	2.90	130	0.377	≤0.4	PASS
	2DH1	Ant1	Hop	0.40	310	0.124	≤0.4	PASS
	2DH3	Ant1	Hop	1.65	190	0.314	≤0.4	PASS
	2DH5	Ant1	Hop	2.90	70	0.203	≤0.4	PASS

Test Graphs



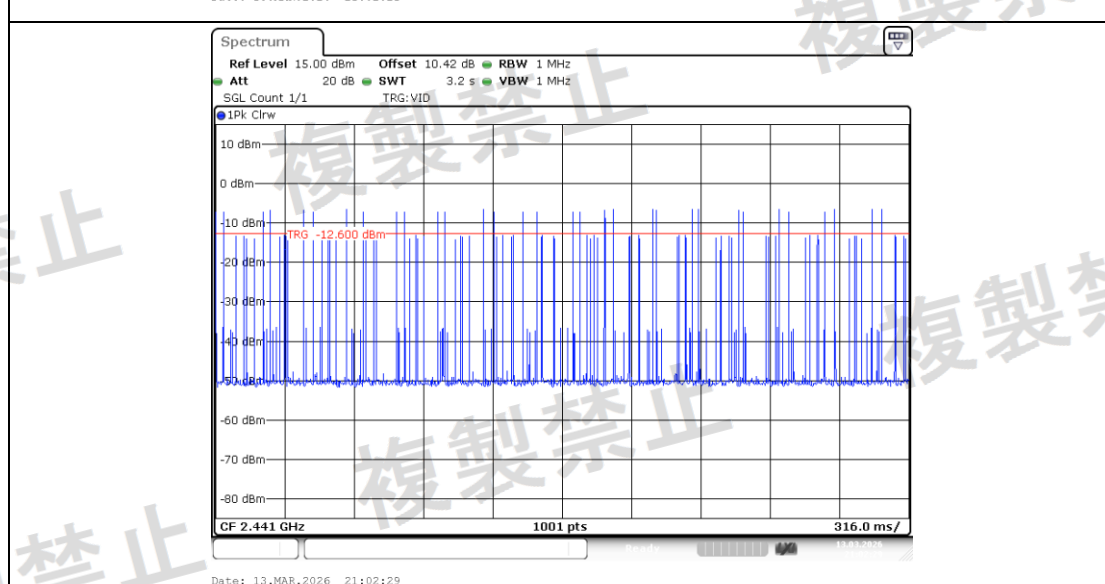
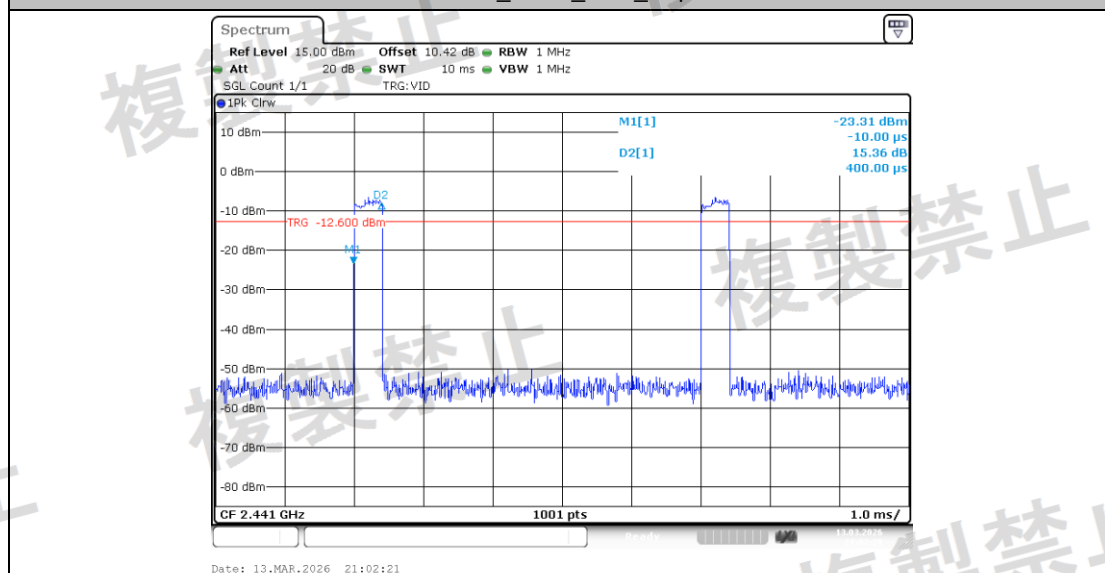


NTNV_DH5_Ant1_Hop

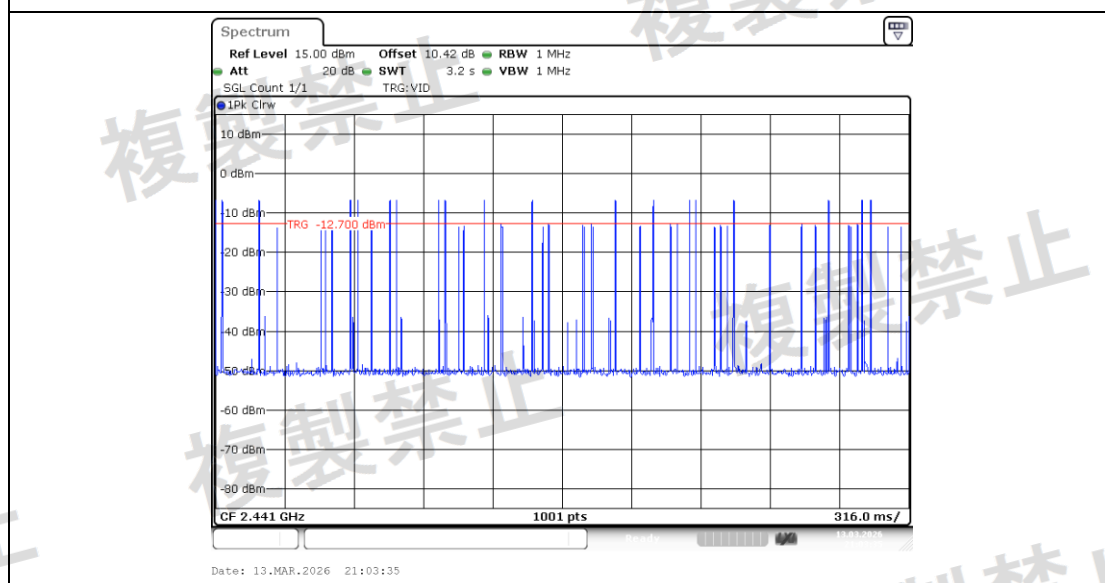
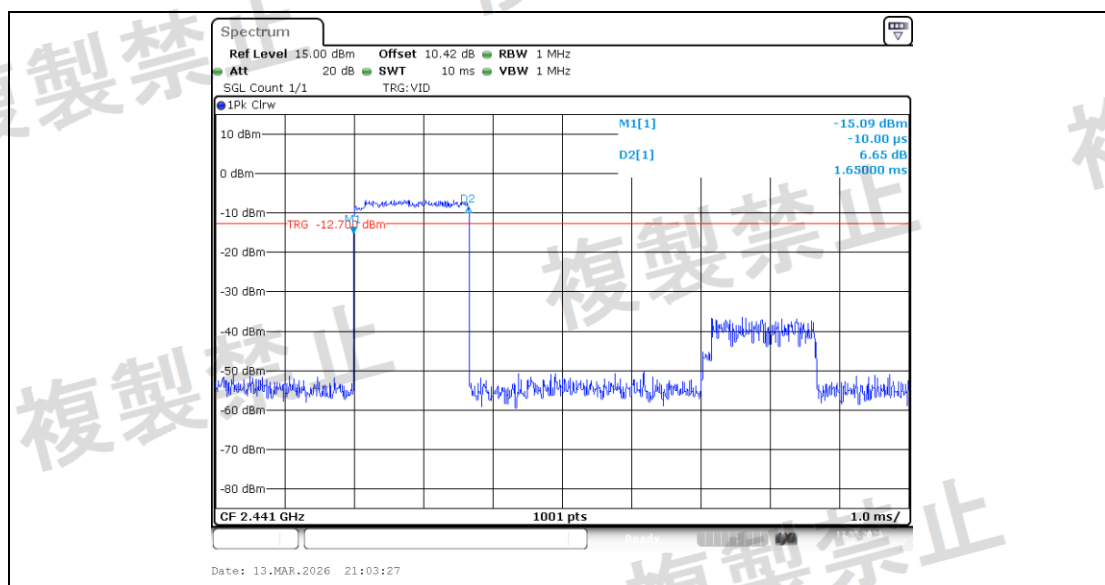




NTNV_2DH1_Ant1_Hop



NTNV_2DH3_Ant1_Hop



NTNV_2DH5_Ant1_Hop

