

Appendix RF Test Data for BR-EDR

Company : JIAHANG TECHNOLOGY (HONG KONG) CO.,LIMITED

EUT : Tablet PC

Model Number : T30

Report No. : CTA26032001302

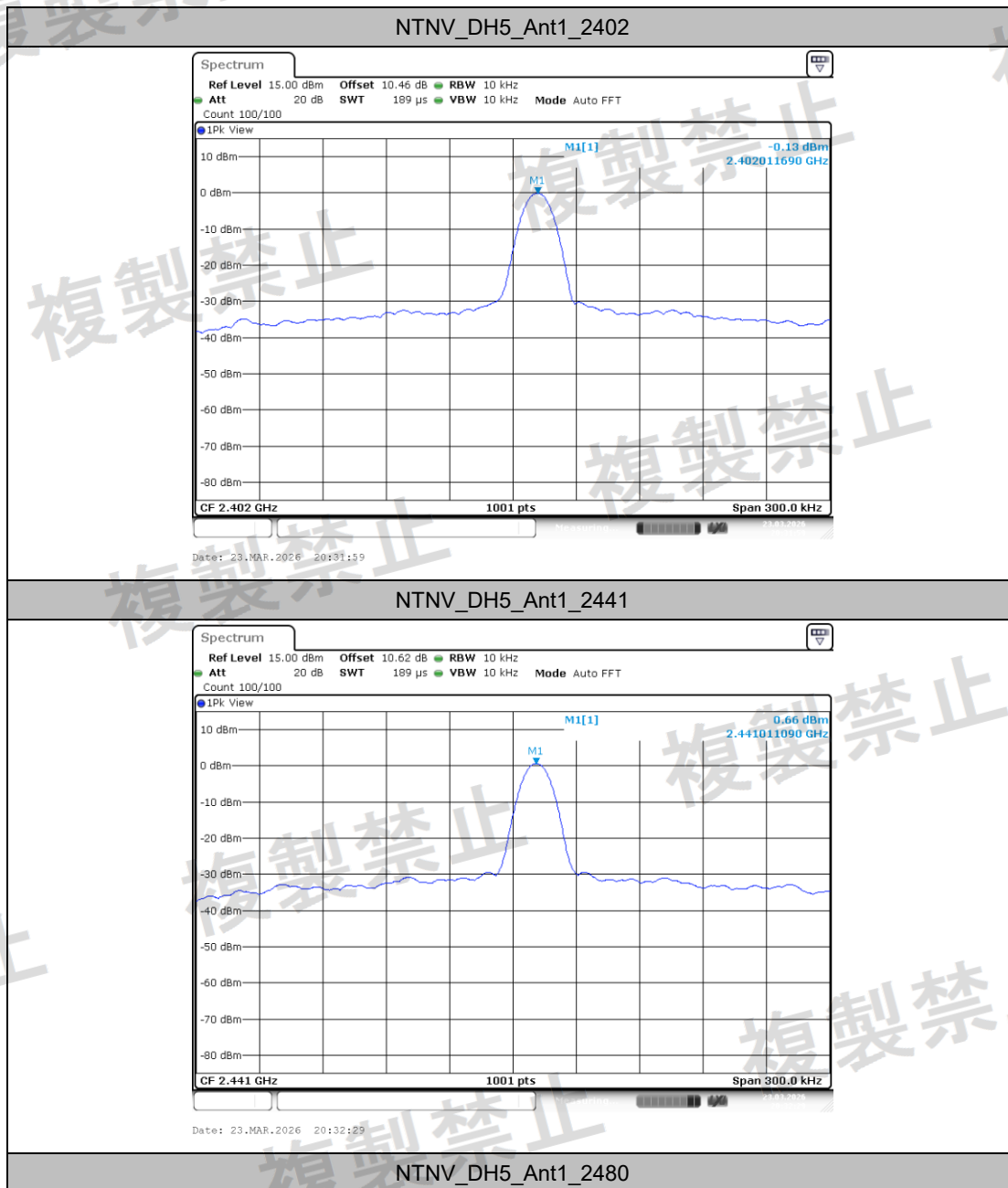
Reviewed By : Eric Wang

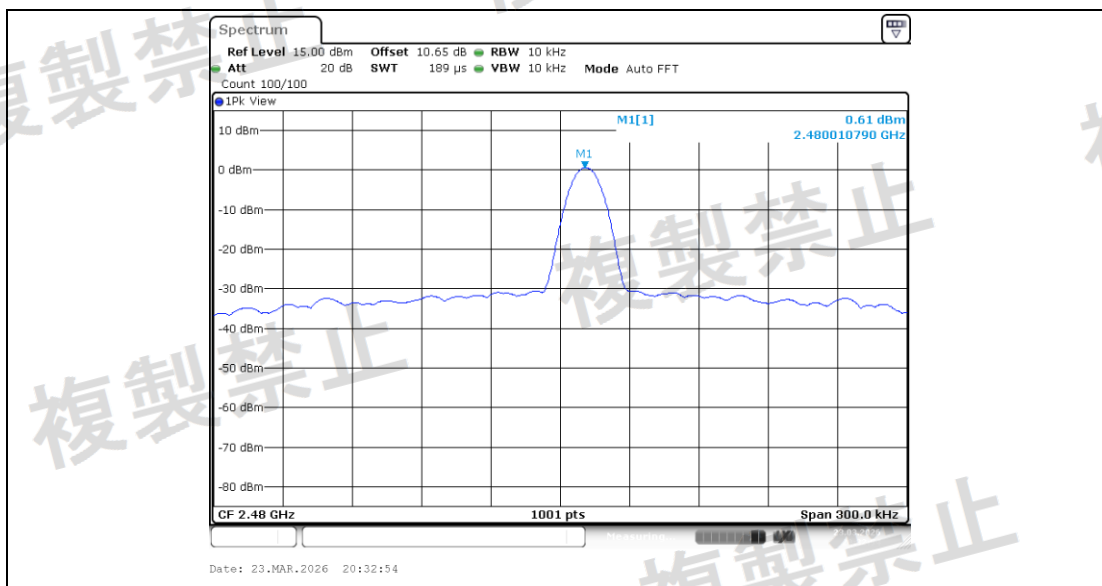
Appendix A: Frequency_Error

Test Result

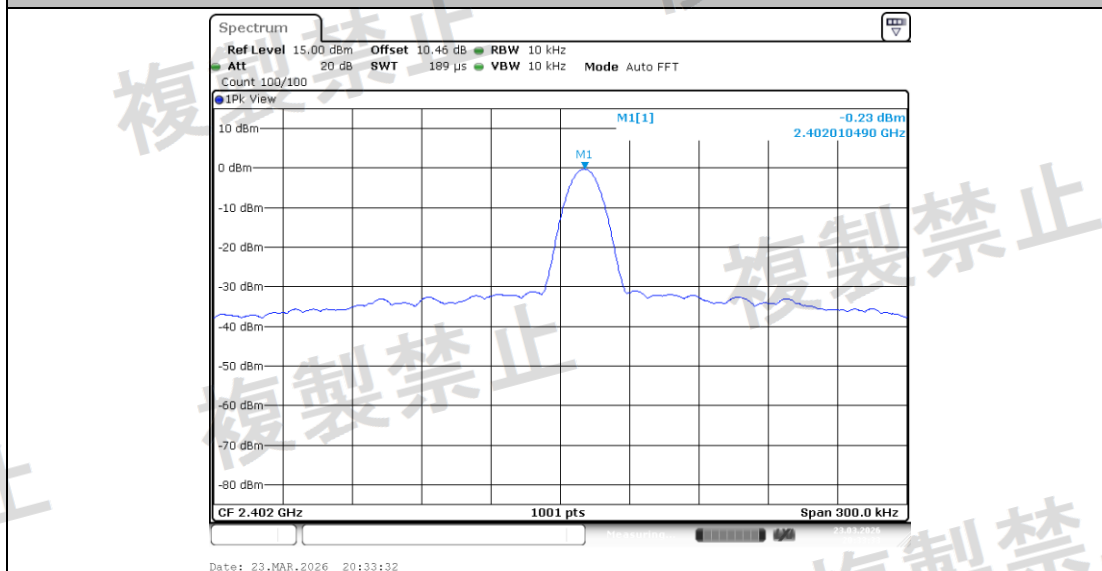
Test Condition	Test Mode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	DH5	Ant1	2402	4.86678	±50	PASS
			2441	4.54322	±50	PASS
			2480	4.35081	±50	PASS
	2DH5	Ant1	2402	4.36719	±50	PASS
			2441	4.29742	±50	PASS
			2480	4.22984	±50	PASS
	3DH5	Ant1	2402	4.24230	±50	PASS
			2441	4.17452	±50	PASS
			2480	4.10887	±50	PASS

Test Graphs

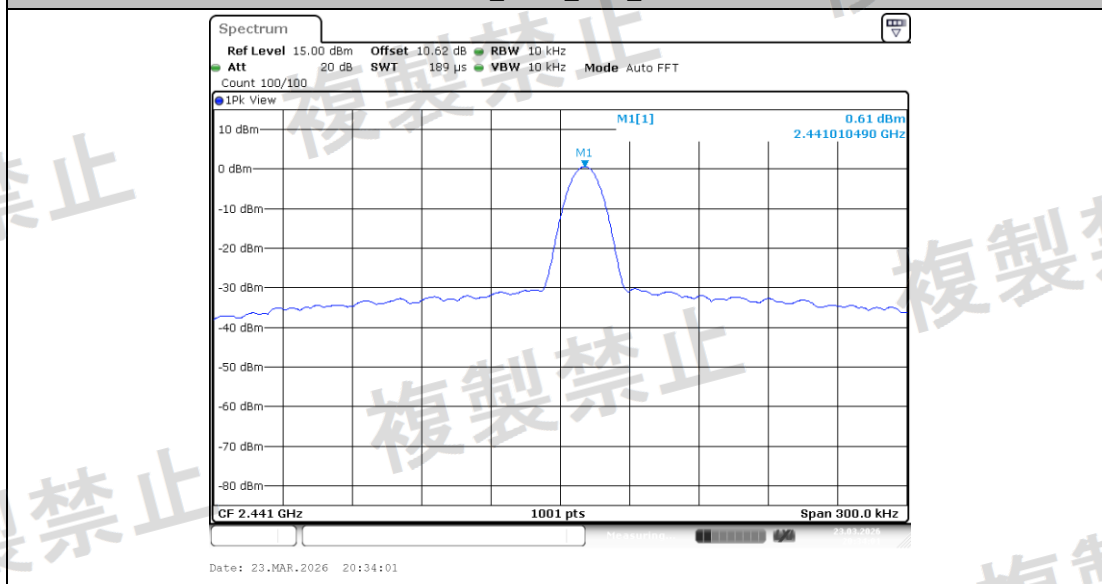


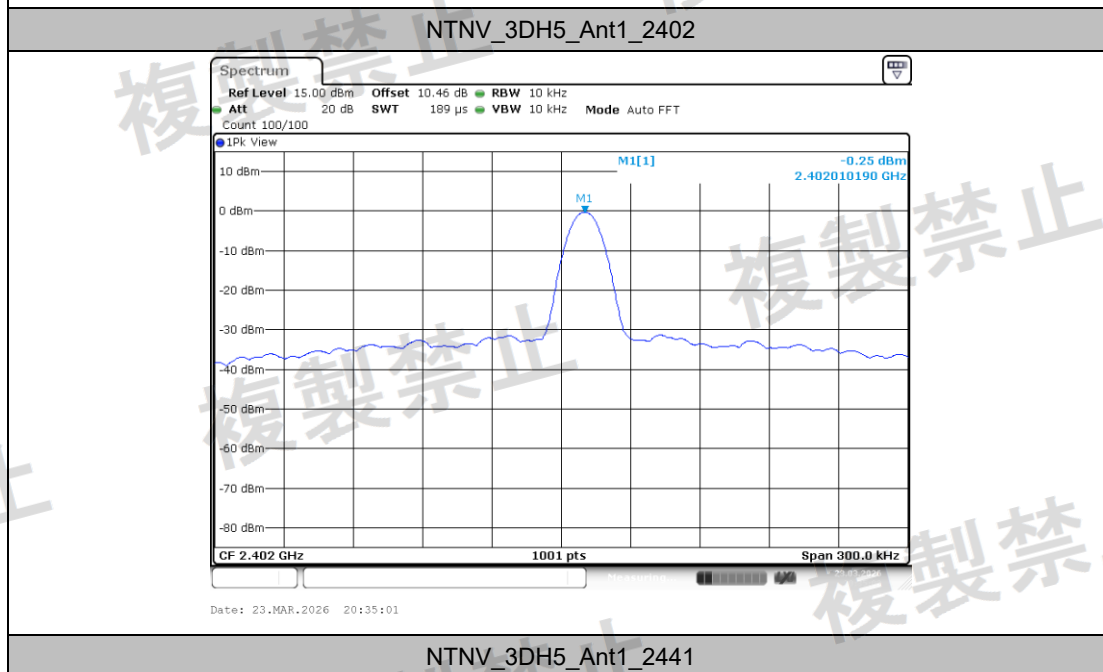
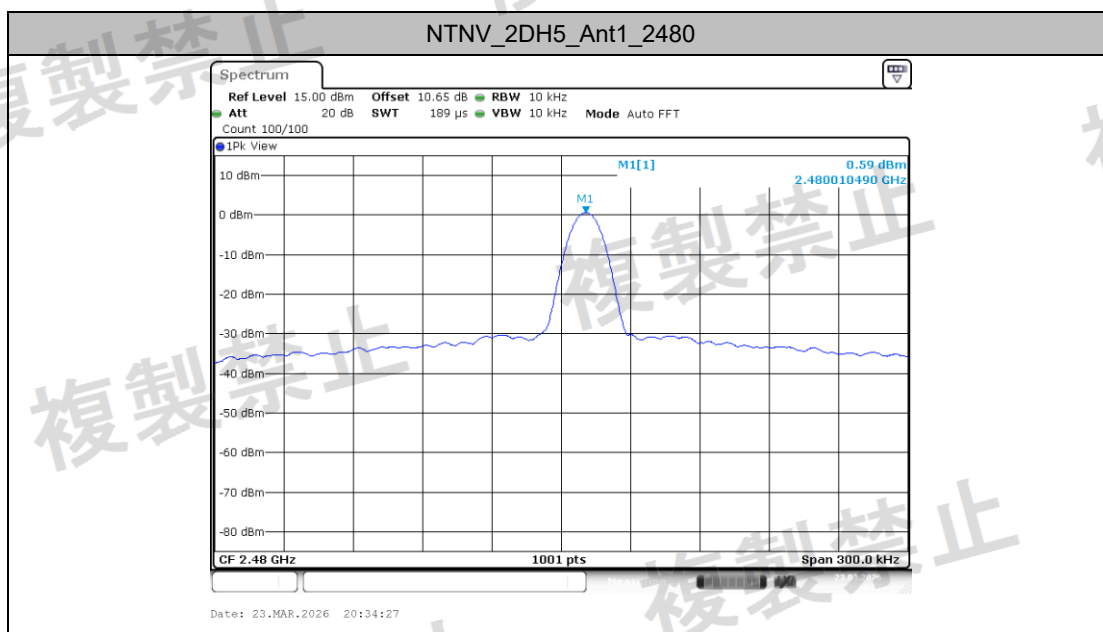


NTNV_2DH5_Ant1_2402

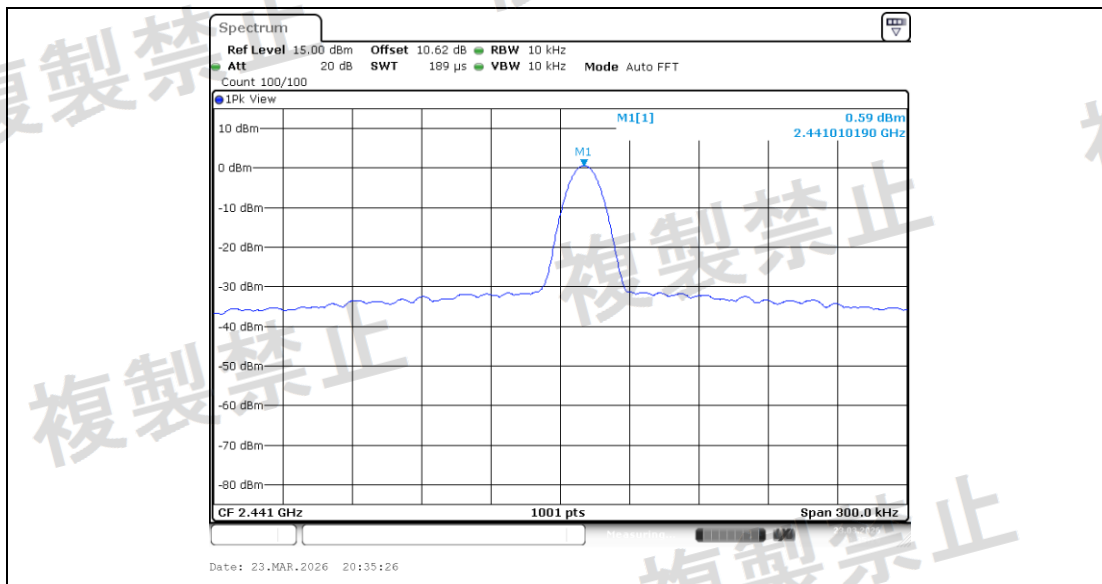


NTNV_2DH5_Ant1_2441

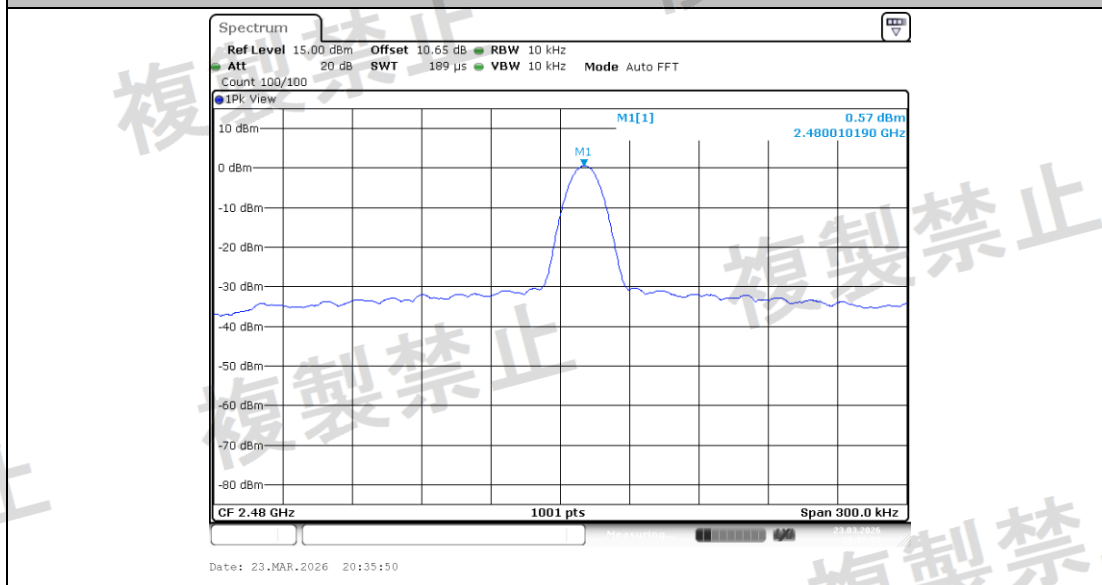




NTNV_3DH5_Ant1_2441



NTNV_3DH5_Ant1_2480

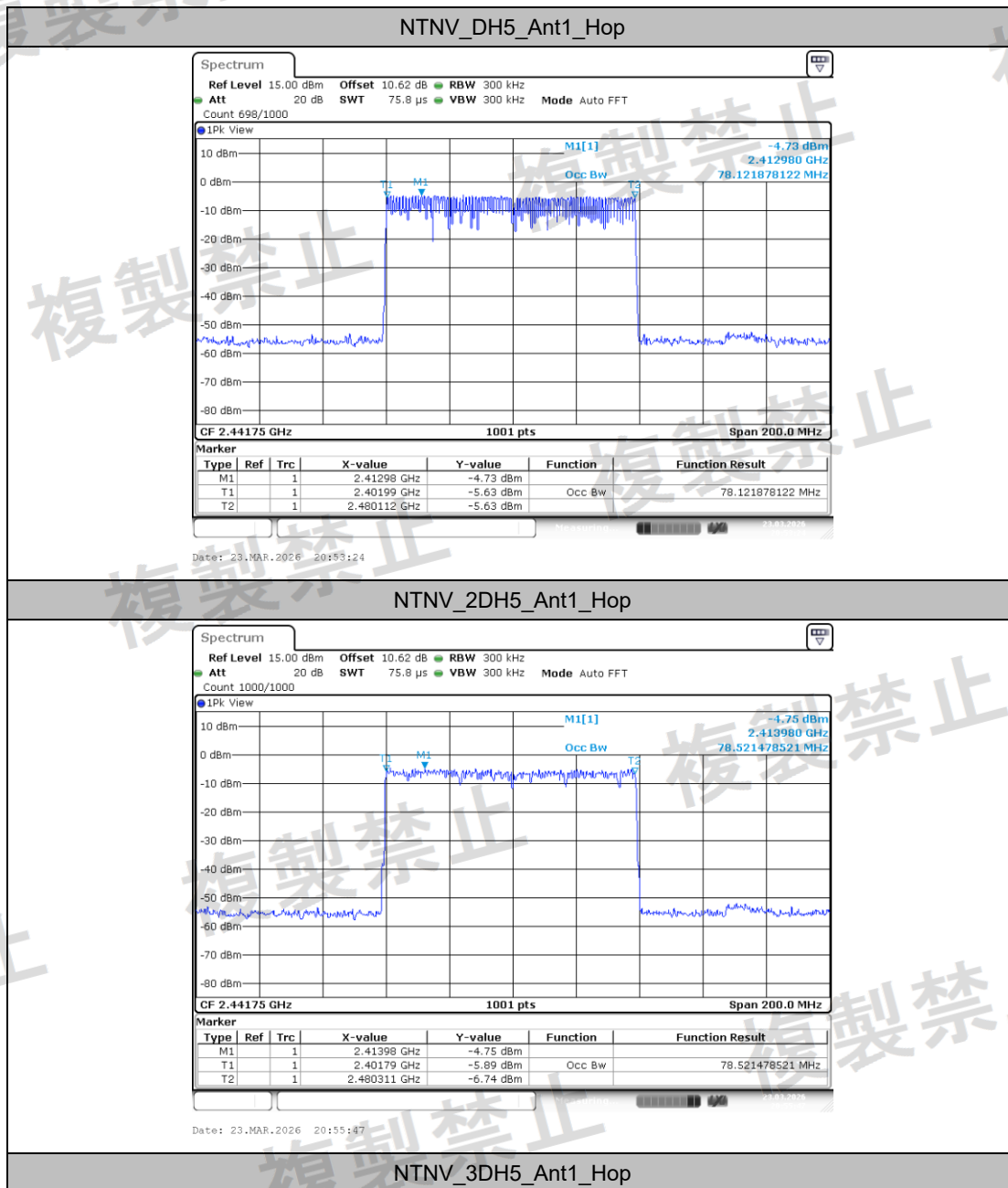


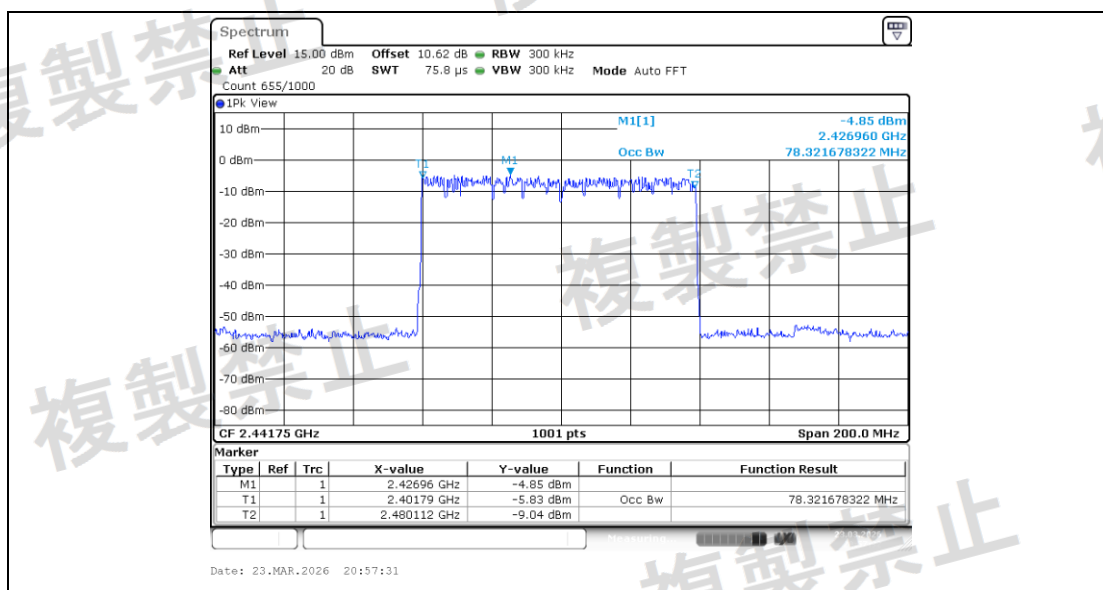
Appendix B: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.122	≤83.5	PASS
	2DH5	Ant1	Hop	78.521	≤83.5	PASS
	3DH5	Ant1	Hop	78.322	≤83.5	PASS

Test Graphs



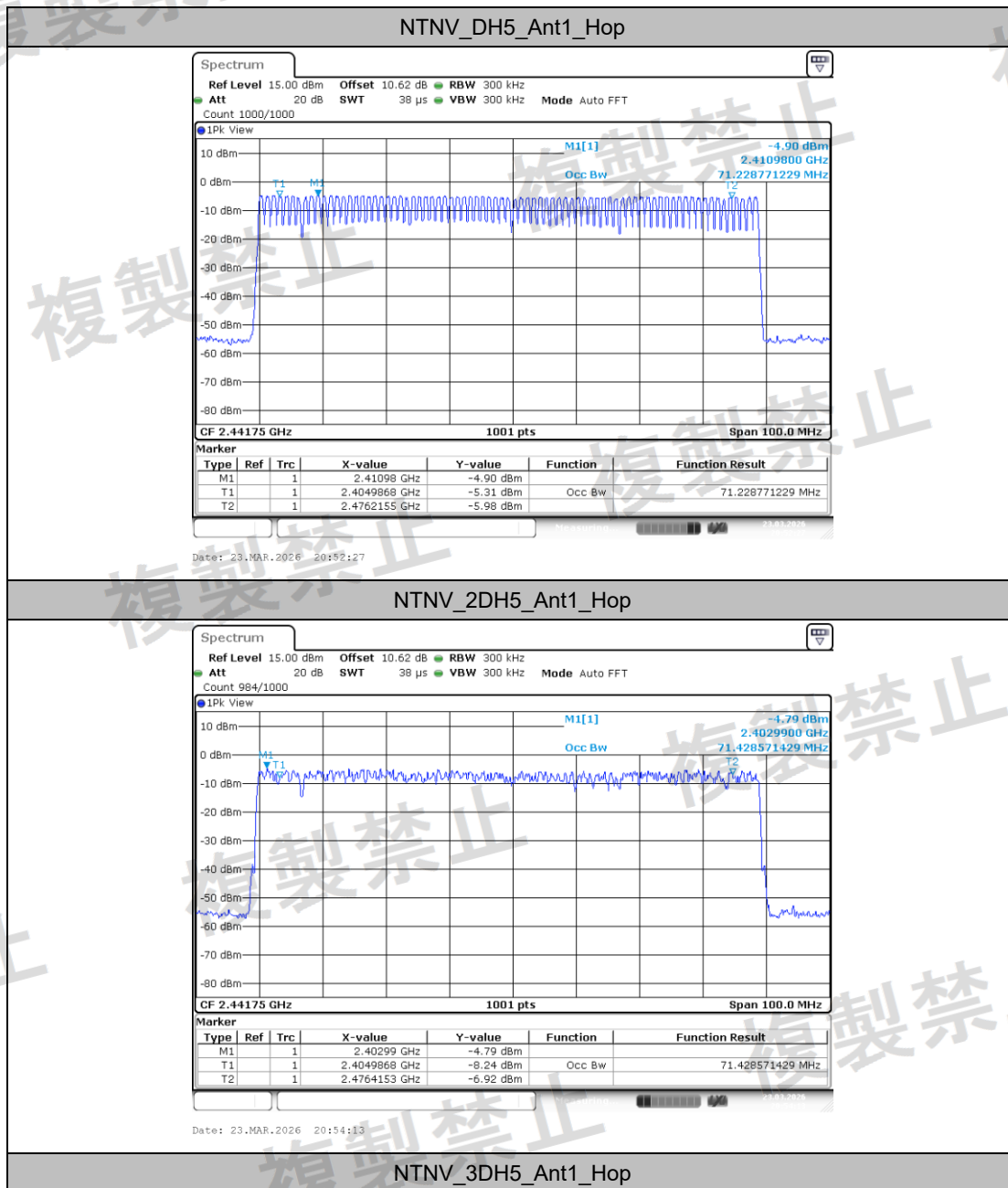


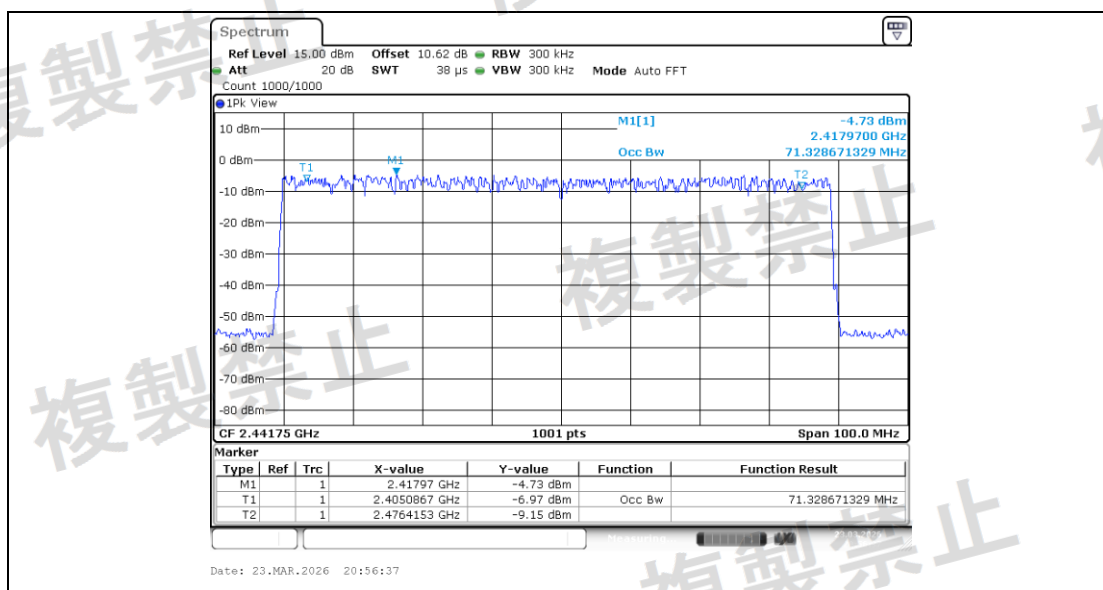
Appendix C: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.229	≥ 0.5	71.229	>5	PASS
	2DH5	Ant1	Hop	71.429	≥ 0.5	71.429	>5	PASS
	3DH5	Ant1	Hop	71.329	≥ 0.5	71.329	>5	PASS

Test Graphs





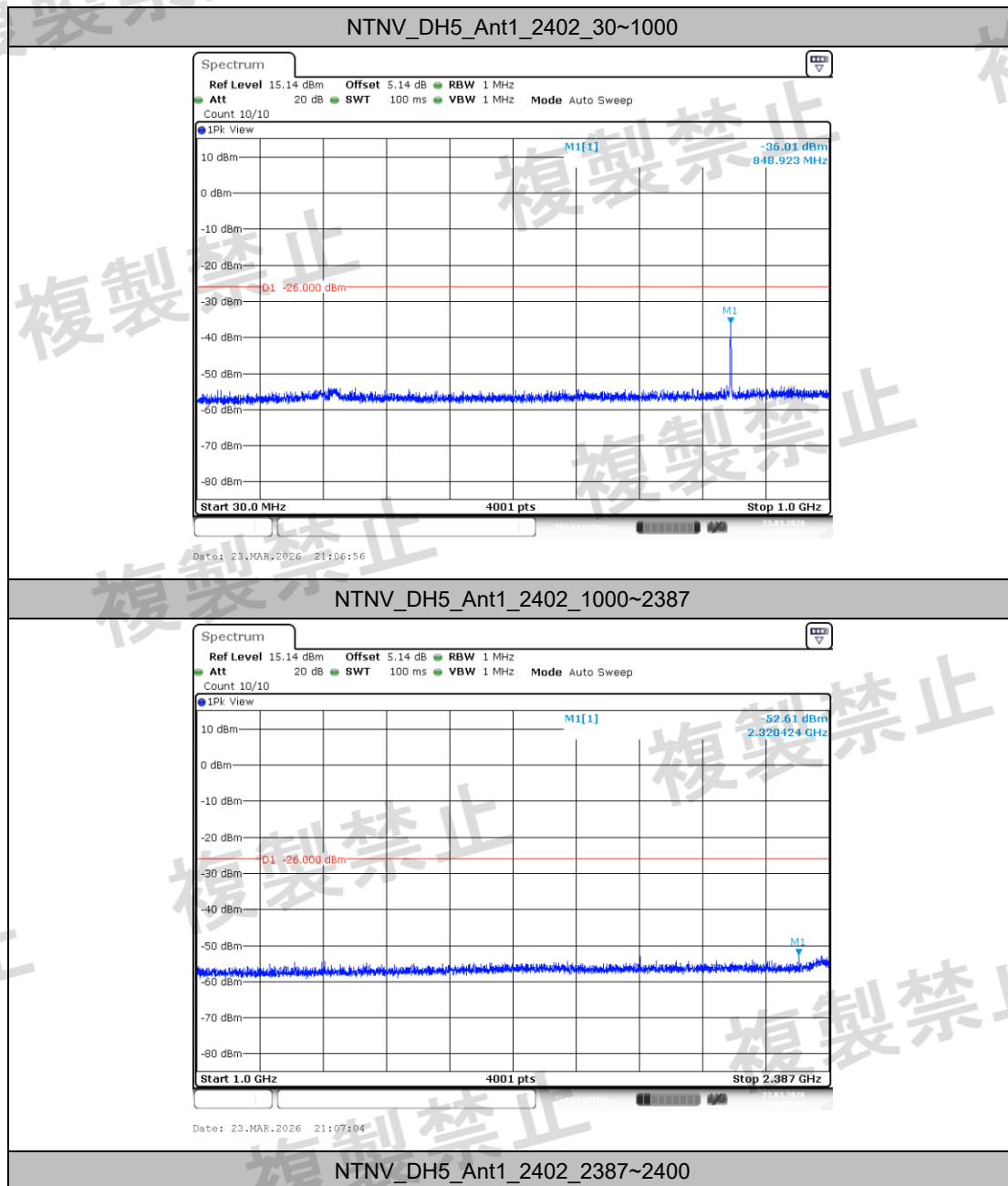
Appendix D: Spurious Emission of TX

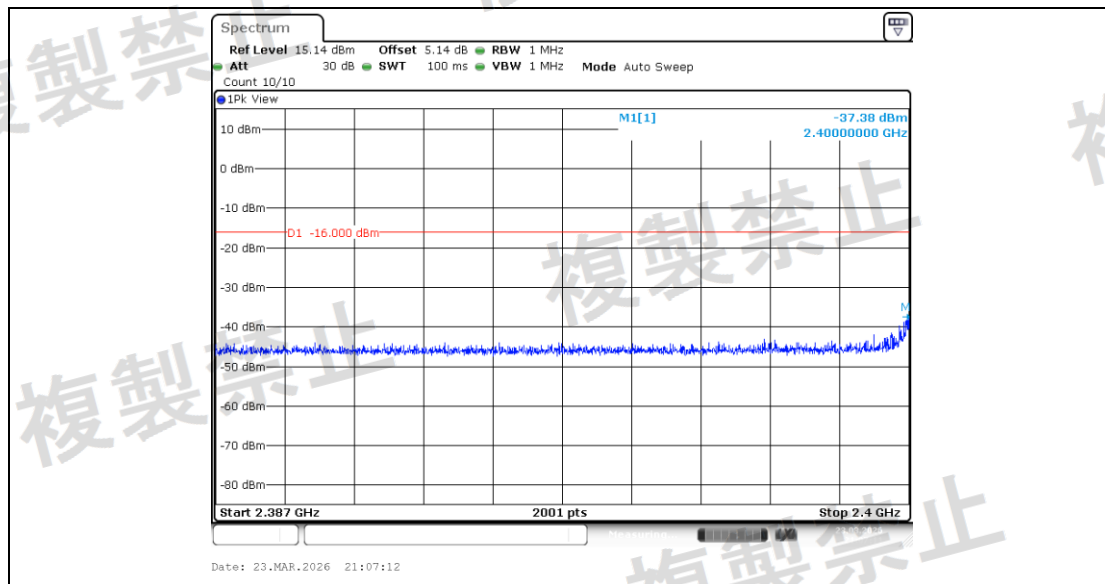
Test Result

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	-36.01	≤-26	0.25061	≤2.5	PASS
				1000~2387	2320.42	-52.61	≤-26	0.00548	≤2.5	PASS
				2387~2400	2400.00	-37.38	≤-16	0.18281	≤25	PASS
				2483.5~2496.5	2489.27	-42.86	≤-16	0.05176	≤25	PASS
				2496.5~13000	4803.59	-46.29	≤-26	0.02350	≤2.5	PASS
			2441	30~1000	848.68	-37.91	≤-26	0.16181	≤2.5	PASS
				1000~2387	1769.44	-53.99	≤-26	0.00399	≤2.5	PASS
				2387~2400	2392.85	-43.49	≤-16	0.04477	≤25	PASS
				2483.5~2496.5	2489.52	-42.89	≤-16	0.05140	≤25	PASS
				2496.5~13000	4881.84	-44.24	≤-26	0.03767	≤2.5	PASS
			2480	30~1000	824.43	-41.17	≤-26	0.07638	≤2.5	PASS
				1000~2387	1835.32	-53.94	≤-26	0.00404	≤2.5	PASS
				2387~2400	2398.67	-43.41	≤-16	0.04560	≤25	PASS
				2483.5~2496.5	2484.22	-42.59	≤-16	0.05508	≤25	PASS
				2496.5~13000	4960.10	-44.90	≤-26	0.03236	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	824.92	-40.22	≤-26	0.09506	≤2.5	PASS
				1000~2387	2381.80	-52.48	≤-26	0.00565	≤2.5	PASS
				2387~2400	2400.00	-30.50	≤-16	0.89125	≤25	PASS
				2483.5~2496.5	2486.90	-43.70	≤-16	0.04266	≤25	PASS
				2496.5~13000	4803.59	-44.64	≤-26	0.03436	≤2.5	PASS
			2441	30~1000	835.83	-35.12	≤-26	0.30761	≤2.5	PASS
				1000~2387	2019.45	-53.58	≤-26	0.00439	≤2.5	PASS
				2387~2400	2389.10	-43.55	≤-16	0.04416	≤25	PASS
				2483.5~2496.5	2484.26	-43.72	≤-16	0.04246	≤25	PASS
				2496.5~13000	4882.37	-44.01	≤-26	0.03972	≤2.5	PASS
			2480	30~1000	836.31	-42.82	≤-26	0.05224	≤2.5	PASS
				1000~2387	2250.03	-53.29	≤-26	0.00469	≤2.5	PASS
				2387~2400	2387.07	-43.49	≤-16	0.04477	≤25	PASS
				2483.5~2496.5	2486.81	-42.85	≤-16	0.05188	≤25	PASS
				2496.5~13000	4959.57	-43.90	≤-26	0.04074	≤2.5	PASS
	3DH5	Ant1	2402	30~1000	847.95	-45.22	≤-26	0.03006	≤2.5	PASS
				1000~2387	2376.25	-52.24	≤-26	0.00597	≤2.5	PASS
				2387~2400	2399.99	-30.53	≤-16	0.88512	≤25	PASS
				2483.5~2496.5	2488.18	-43.62	≤-16	0.04345	≤25	PASS
				2496.5~13000	4804.12	-44.37	≤-26	0.03656	≤2.5	PASS
			2441	30~1000	848.68	-43.27	≤-26	0.04710	≤2.5	PASS
				1000~2387	2355.45	-53.93	≤-26	0.00405	≤2.5	PASS

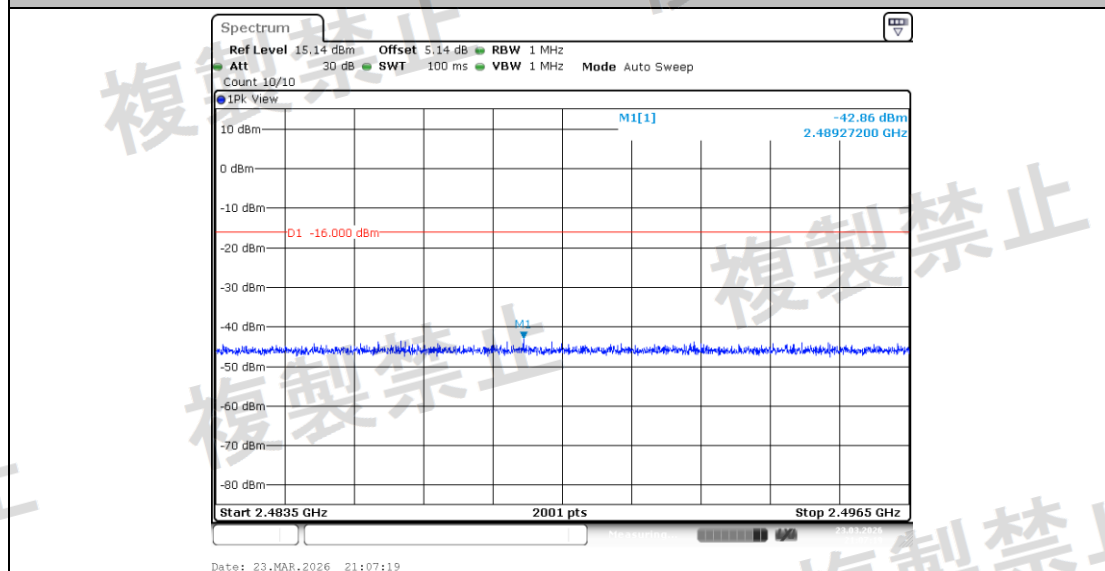
				2387~2400	2390.65	-43.37	≤-16	0.04603	≤25	PASS
				2483.5~2496.5	2495.60	-42.65	≤-16	0.05433	≤25	PASS
				2496.5~13000	4881.84	-44.32	≤-26	0.03698	≤2.5	PASS
			2480	30~1000	826.37	-36.95	≤-26	0.20184	≤2.5	PASS
				1000~2387	1803.77	-53.58	≤-26	0.00439	≤2.5	PASS
				2387~2400	2387.82	-42.61	≤-16	0.05483	≤25	PASS
				2483.5~2496.5	2484.36	-42.85	≤-16	0.05188	≤25	PASS
				2496.5~13000	4960.62	-44.80	≤-26	0.03311	≤2.5	PASS

Test Graphs

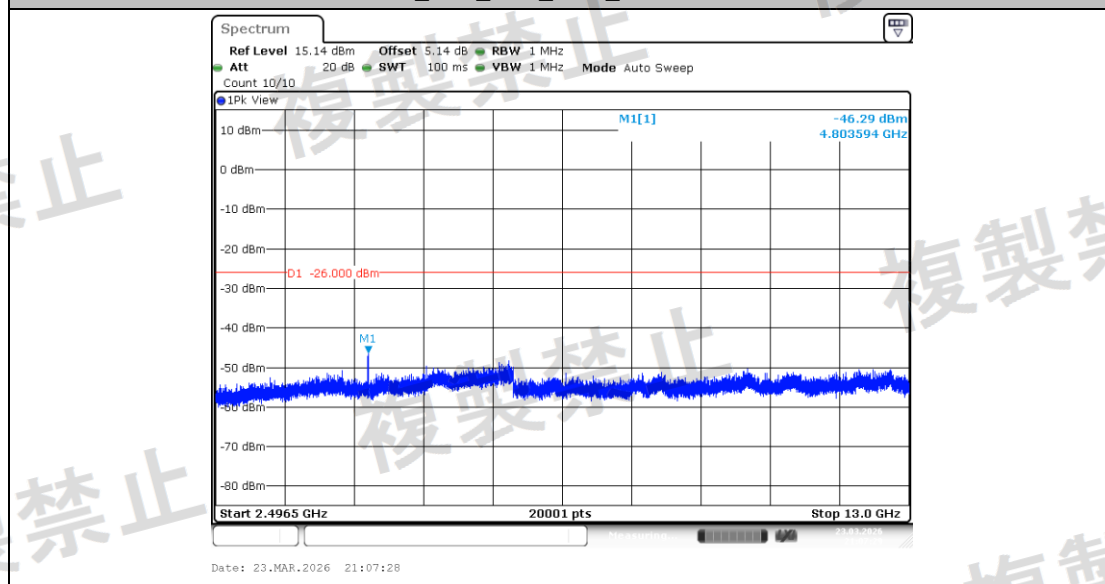


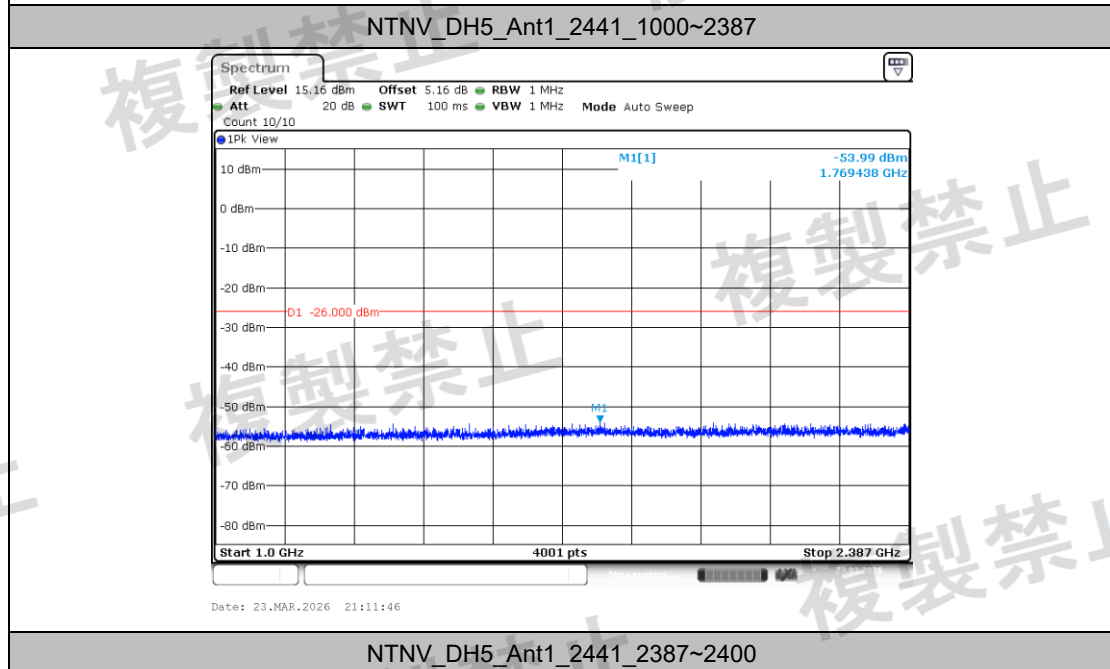
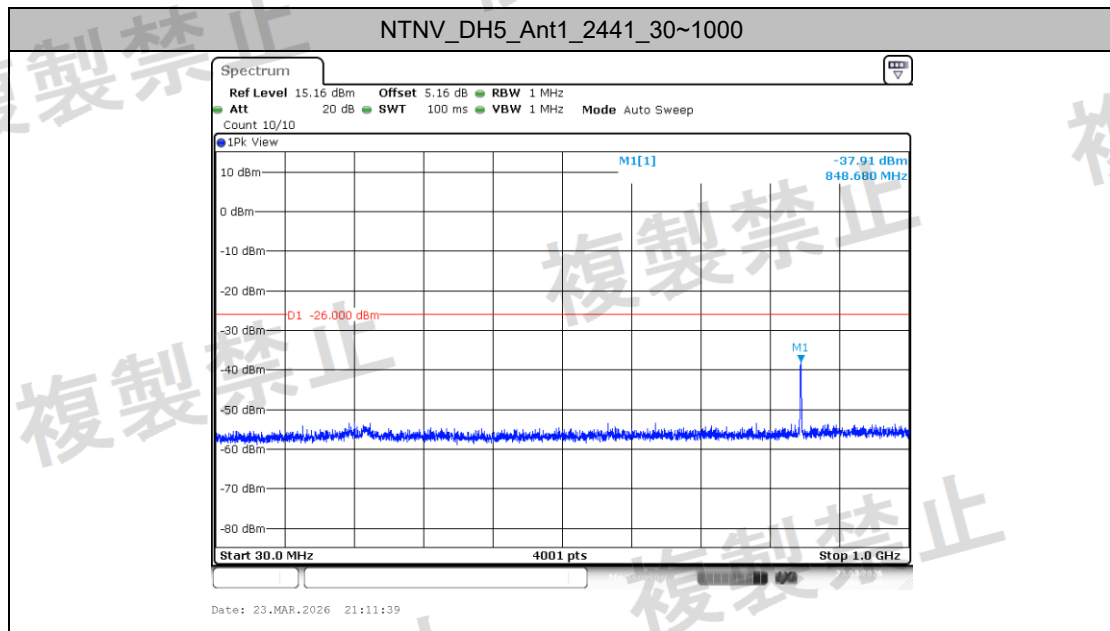


NTNV_DH5_Ant1_2402_2483.5~2496.5

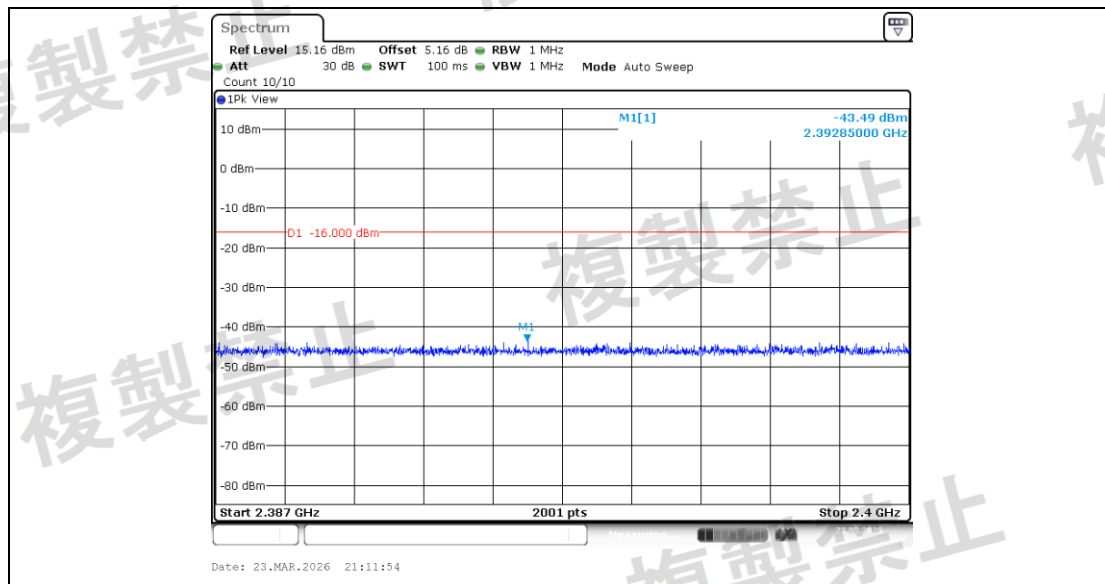


NTNV_DH5_Ant1_2402_2496.5~13000

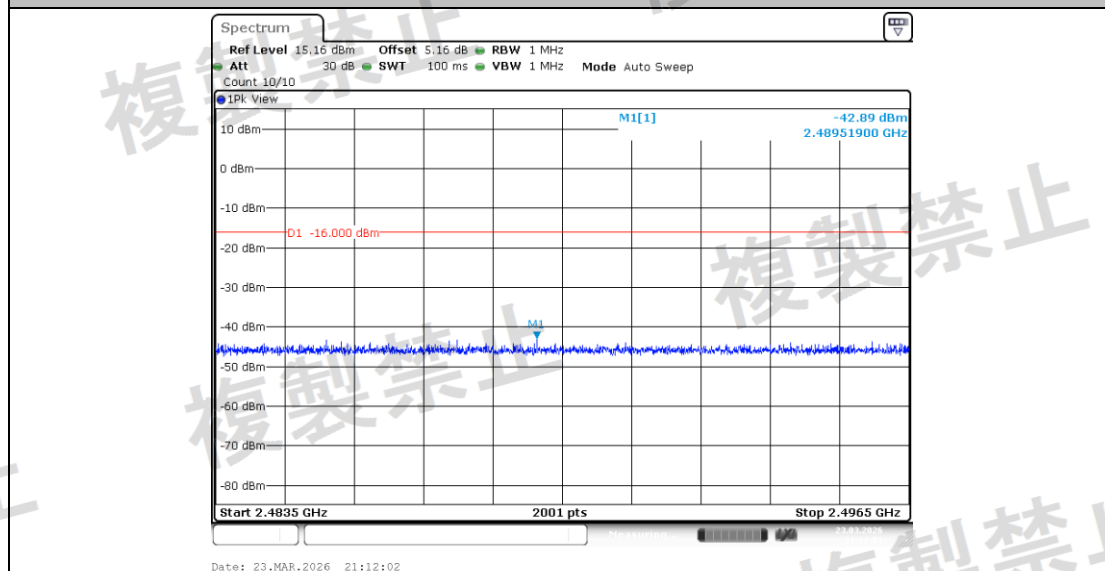




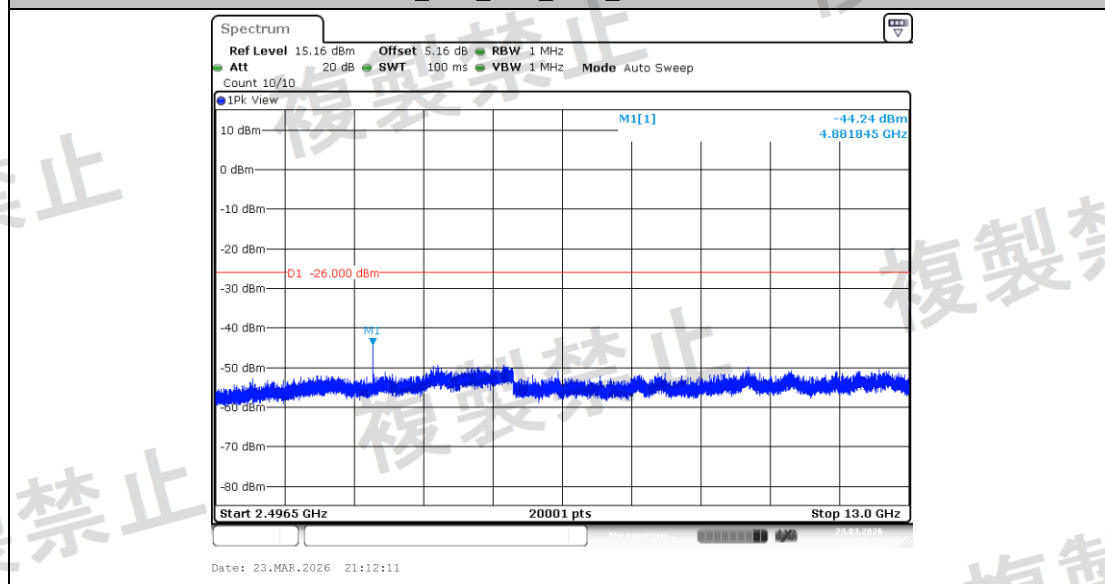
NTNV_DH5_Ant1_2441_2387~2400

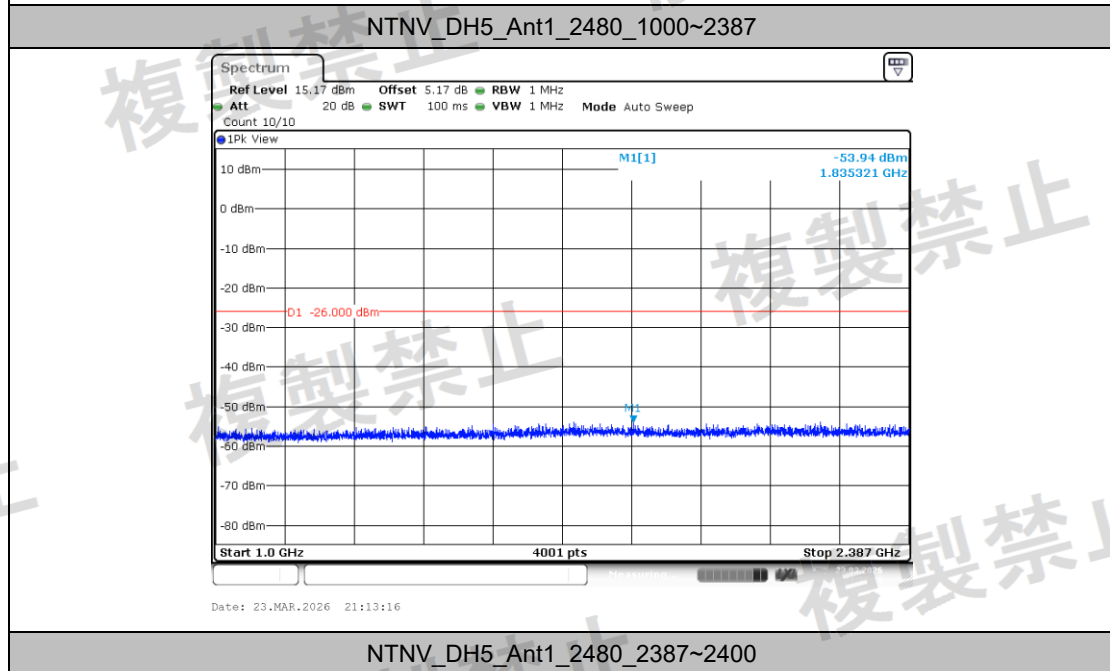
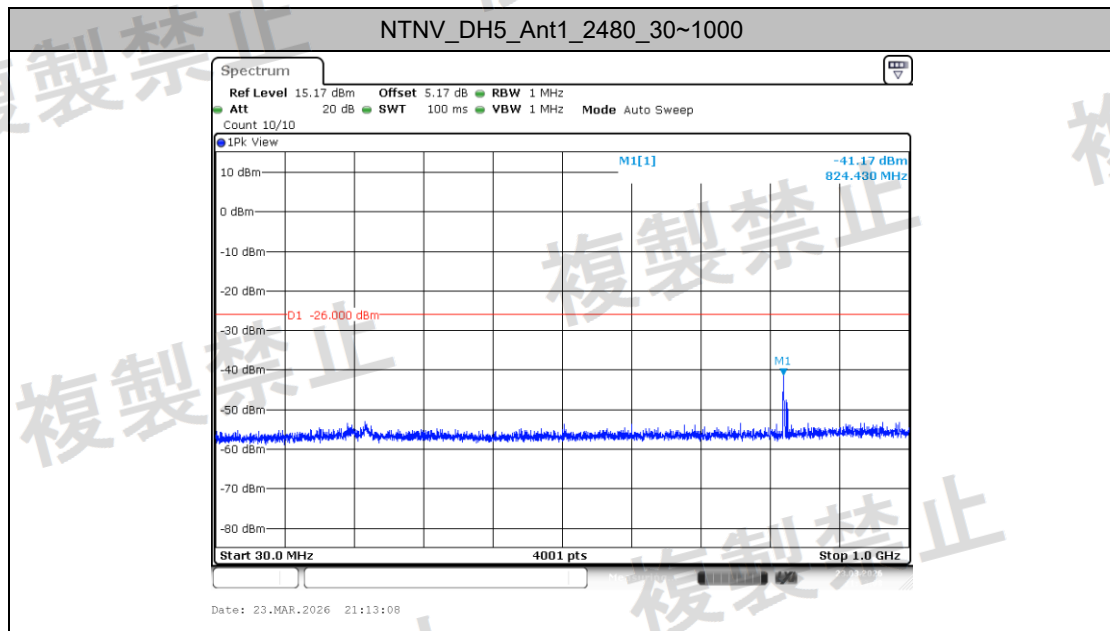


NTNV_DH5_Ant1_2441_2483.5~2496.5

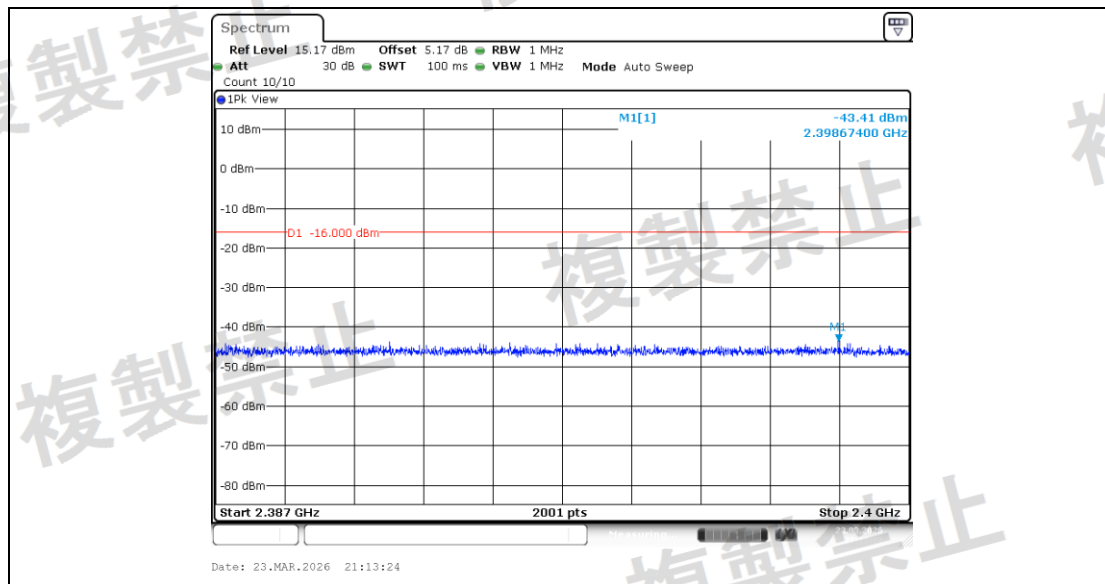


NTNV_DH5_Ant1_2441_2496.5~13000

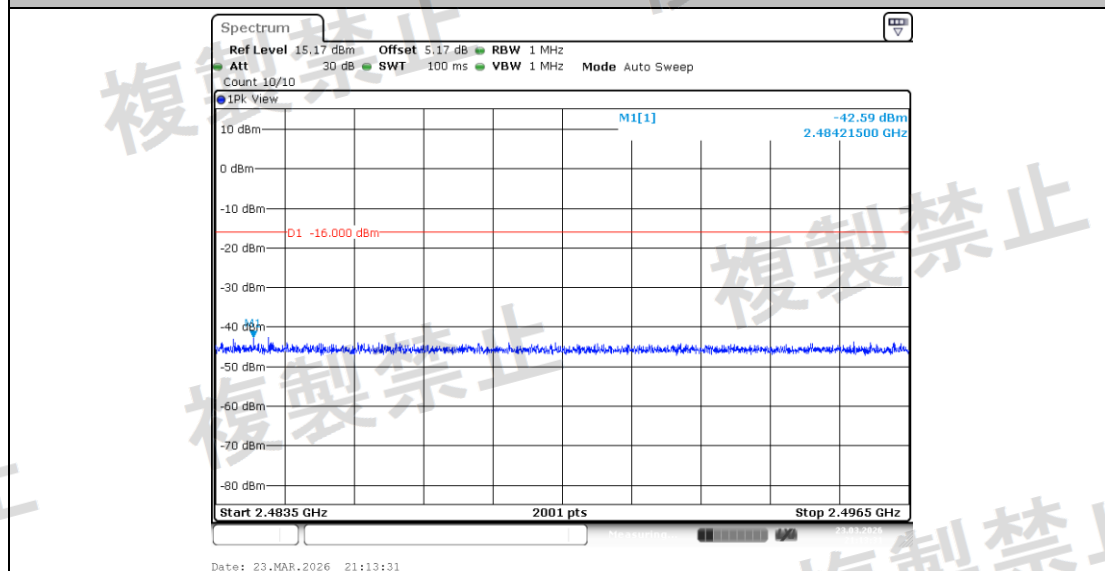




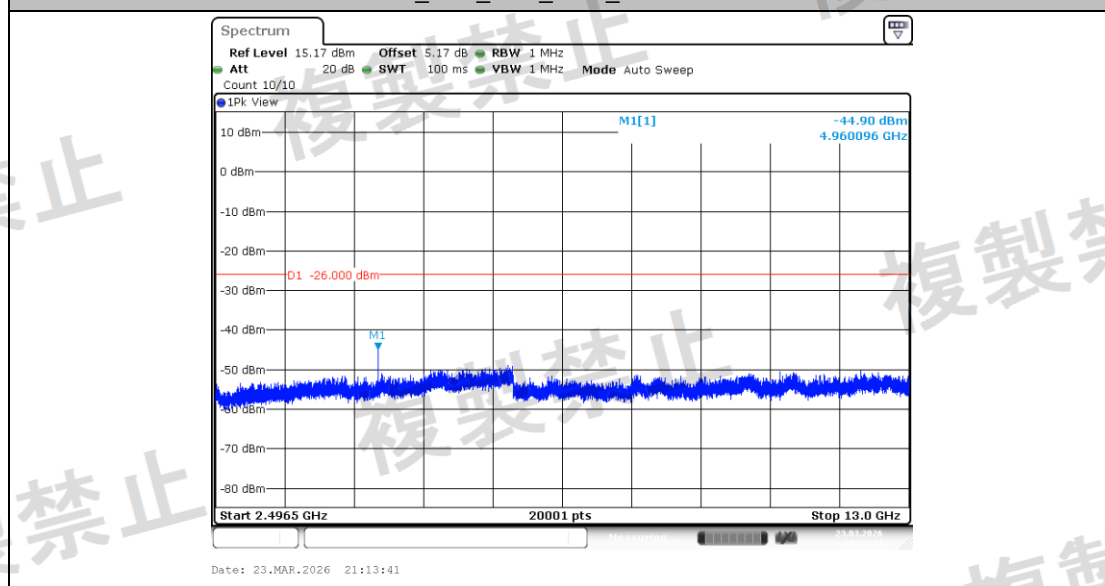
NTNV_DH5_Ant1_2480_2387~2400

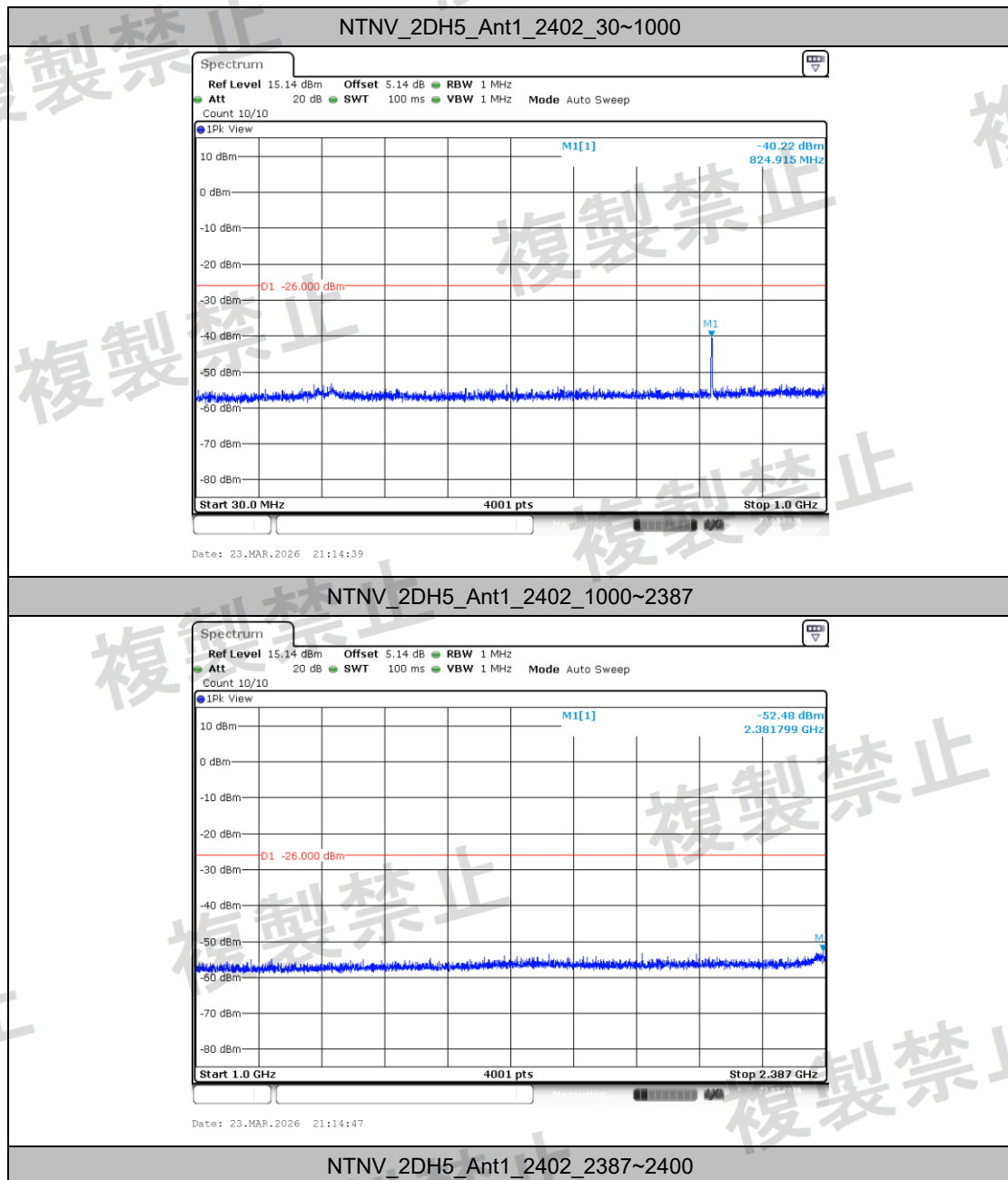


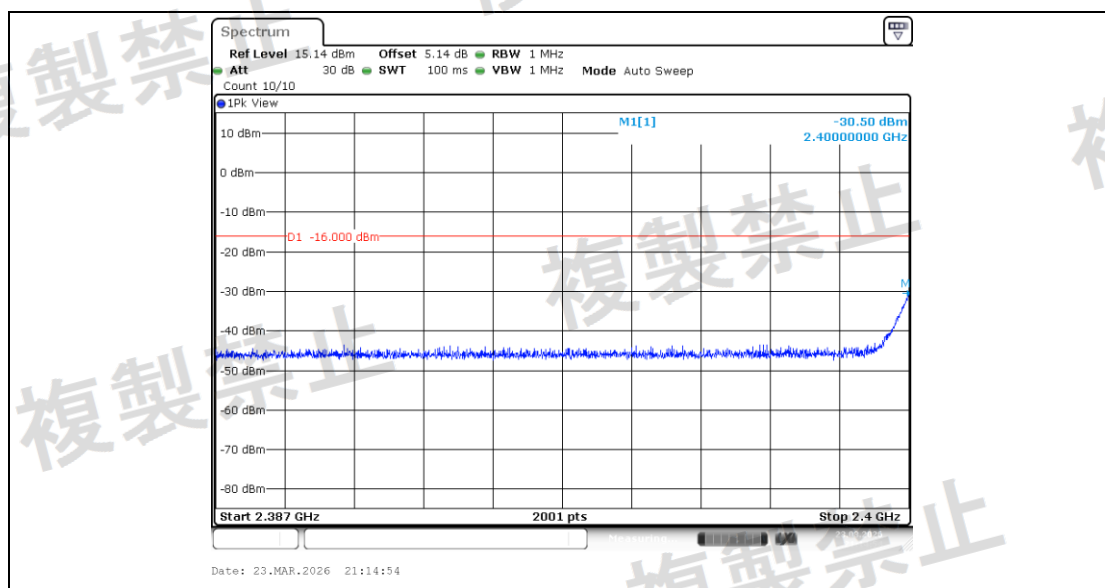
NTNV_DH5_Ant1_2480_2483.5~2496.5



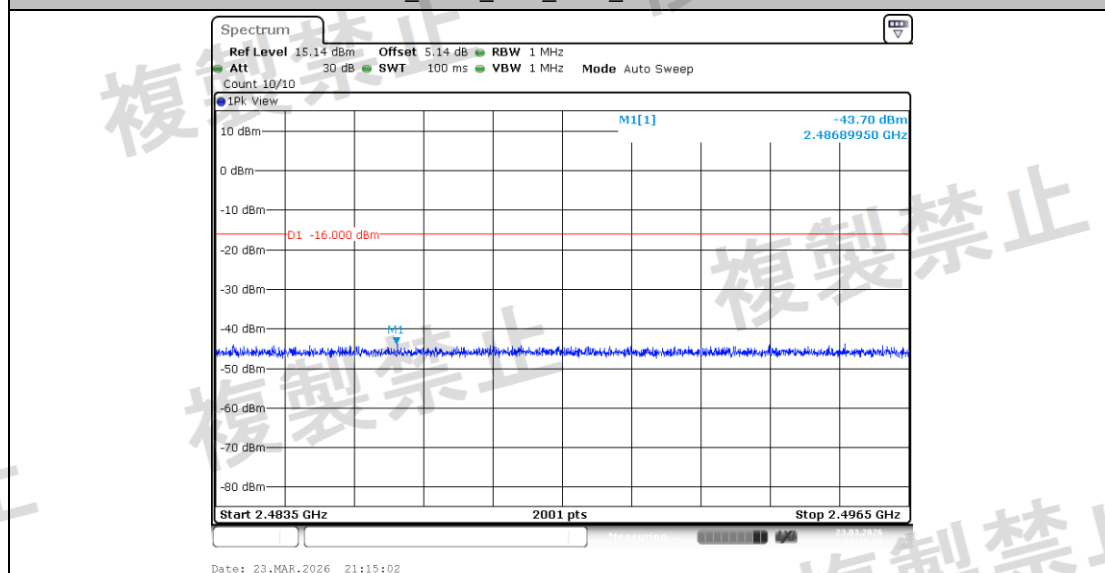
NTNV_DH5_Ant1_2480_2496.5~13000



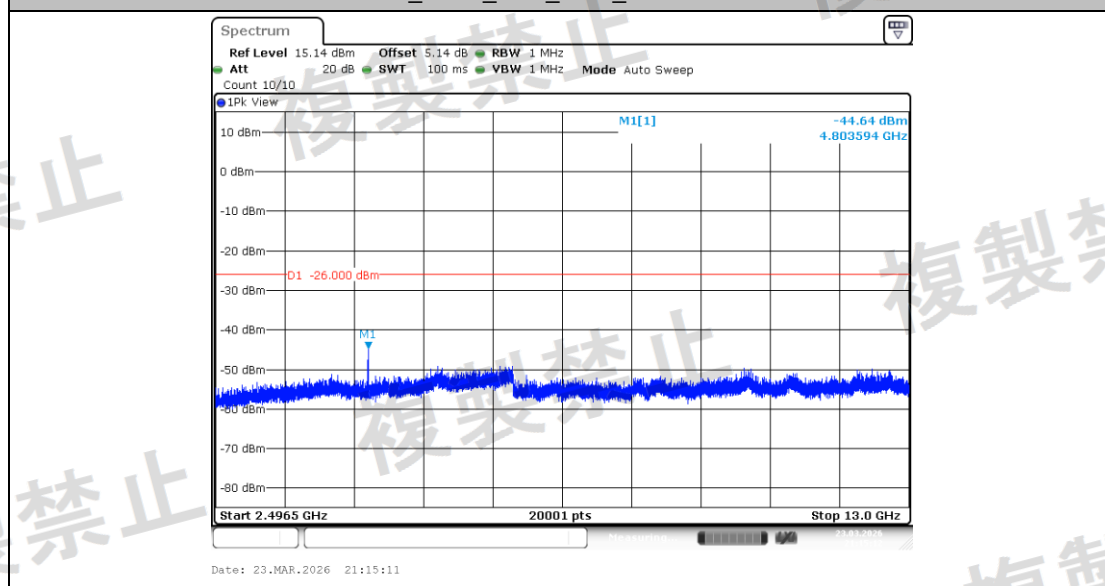


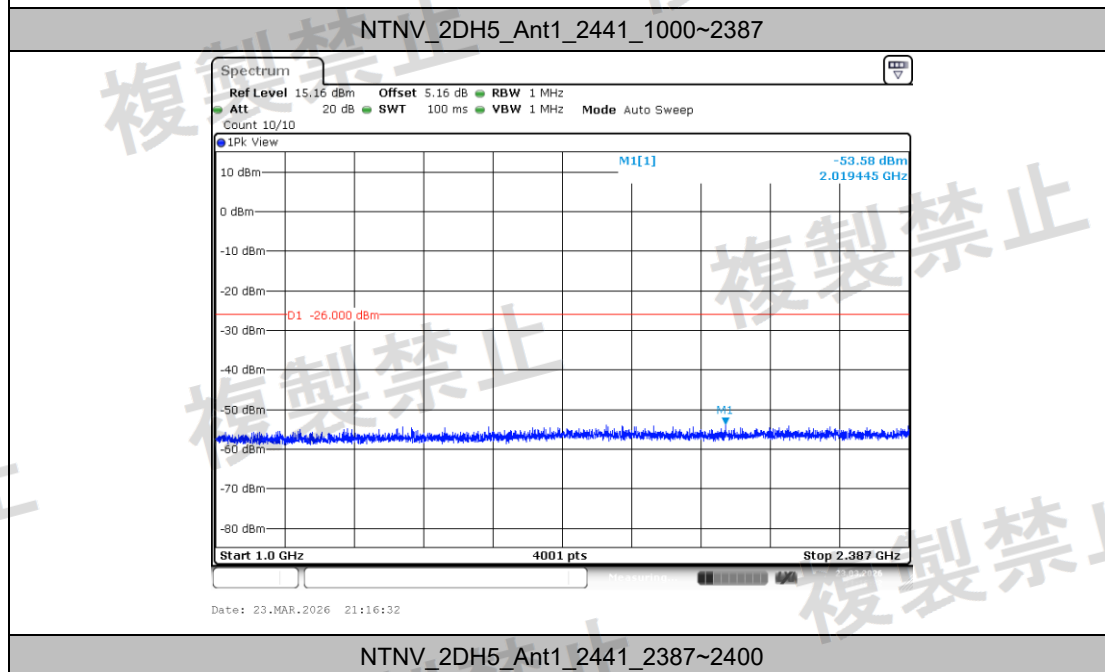
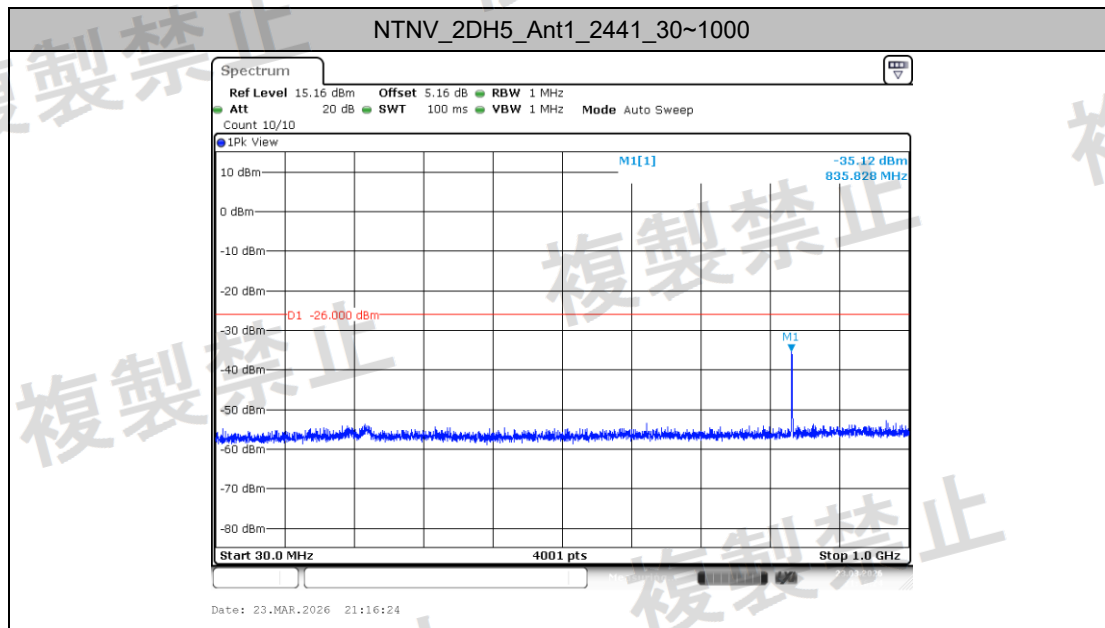


NTNV_2DH5_Ant1_2402_2483.5~2496.5

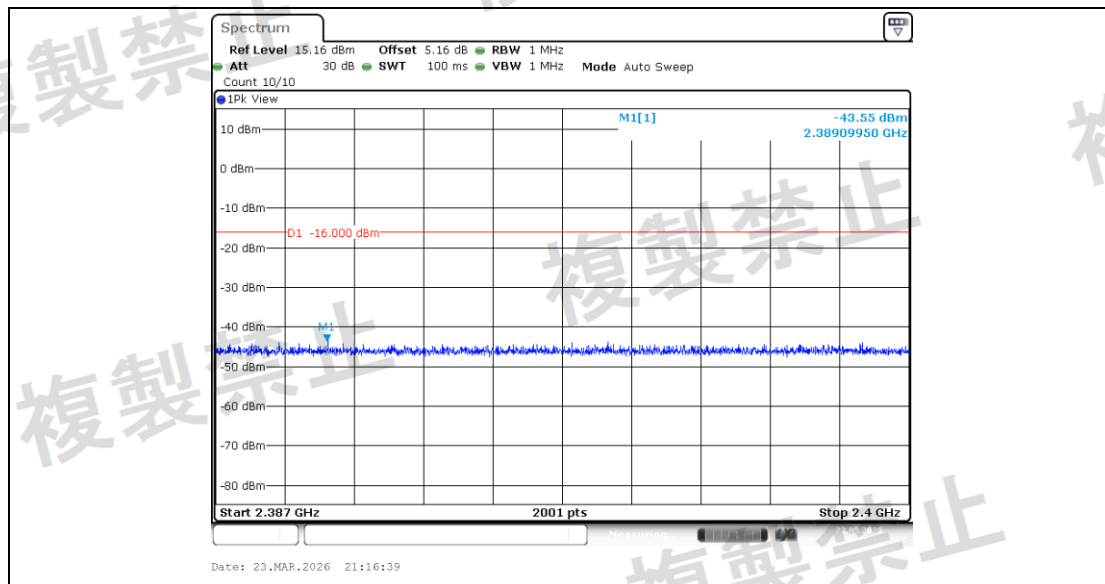


NTNV_2DH5_Ant1_2402_2496.5~13000

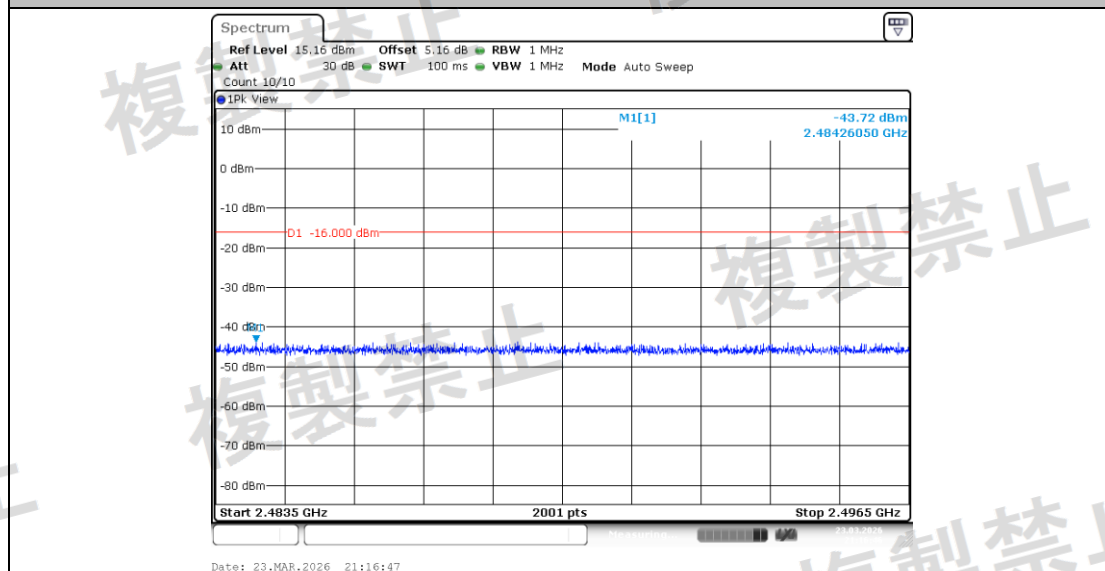




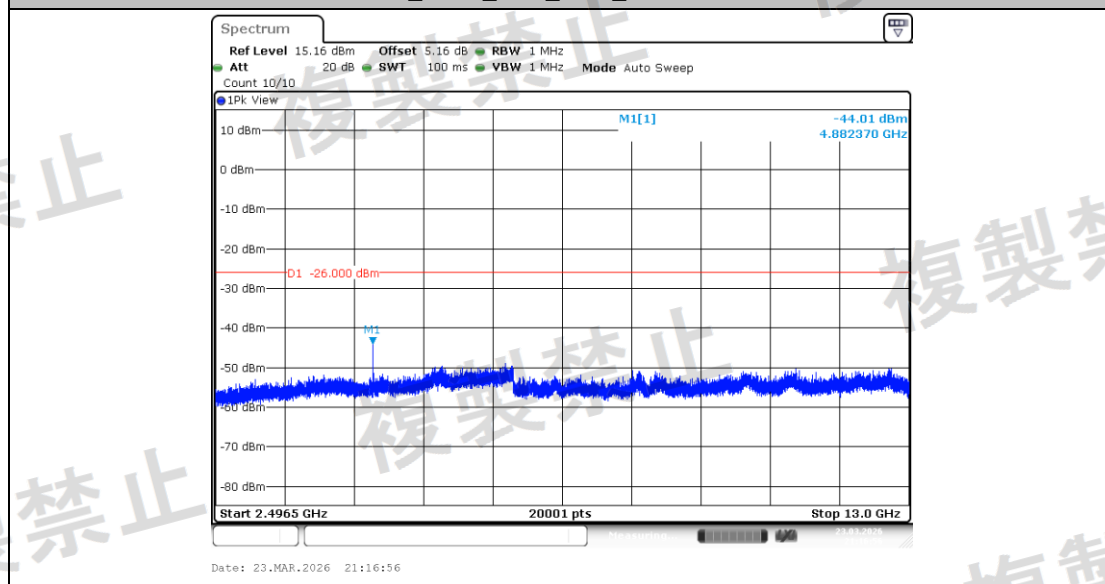
NTNV_2DH5_Ant1_2441_2387~2400

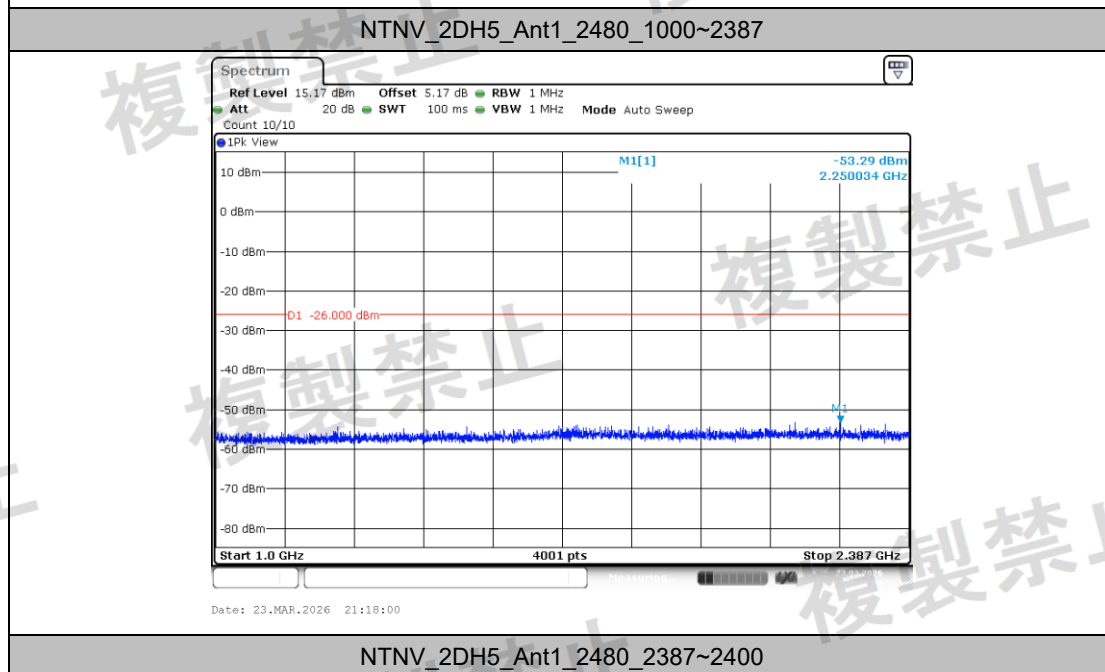
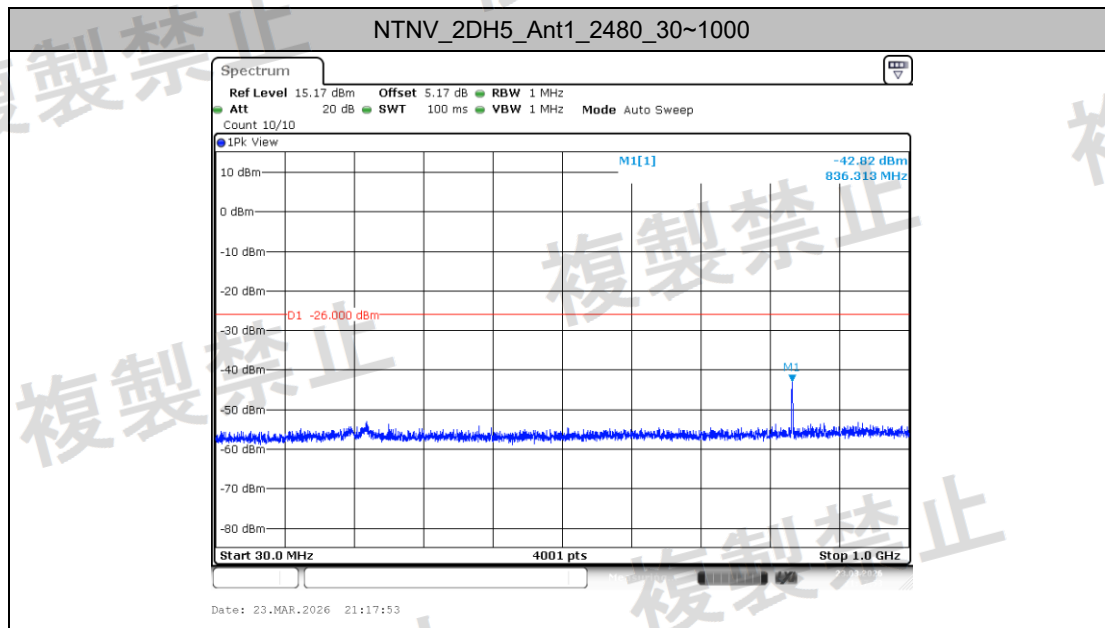


NTVN_2DH5_Ant1_2441_2483.5~2496.5

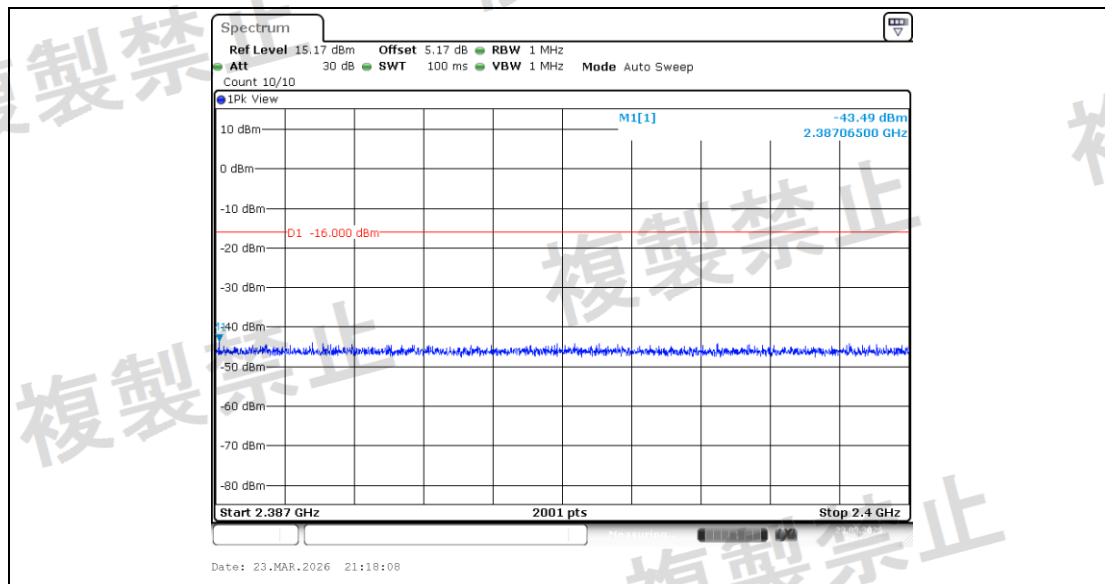


NTVN_2DH5_Ant1_2441_2496.5~13000

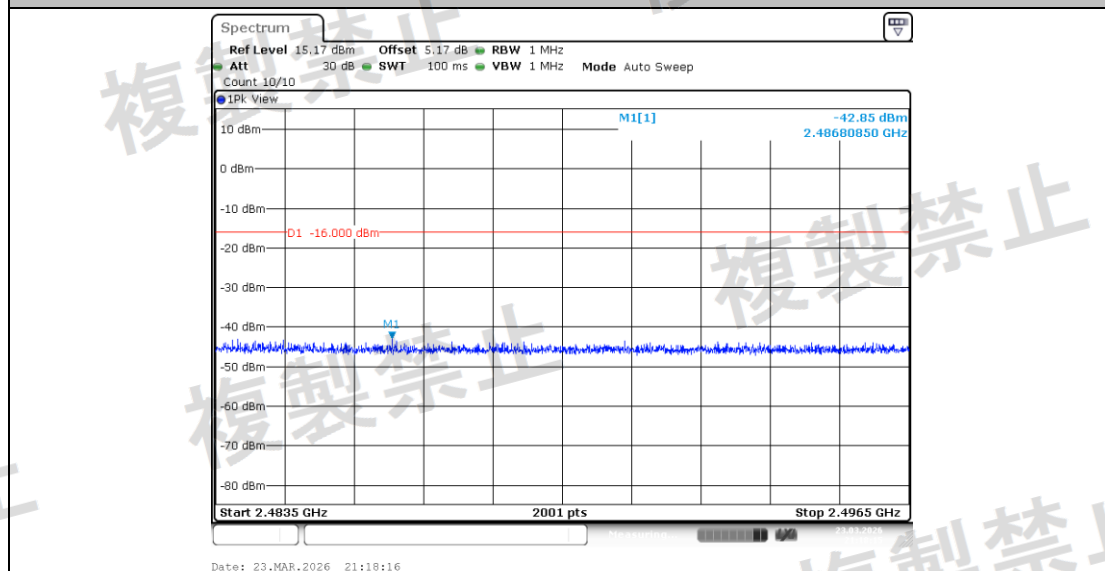




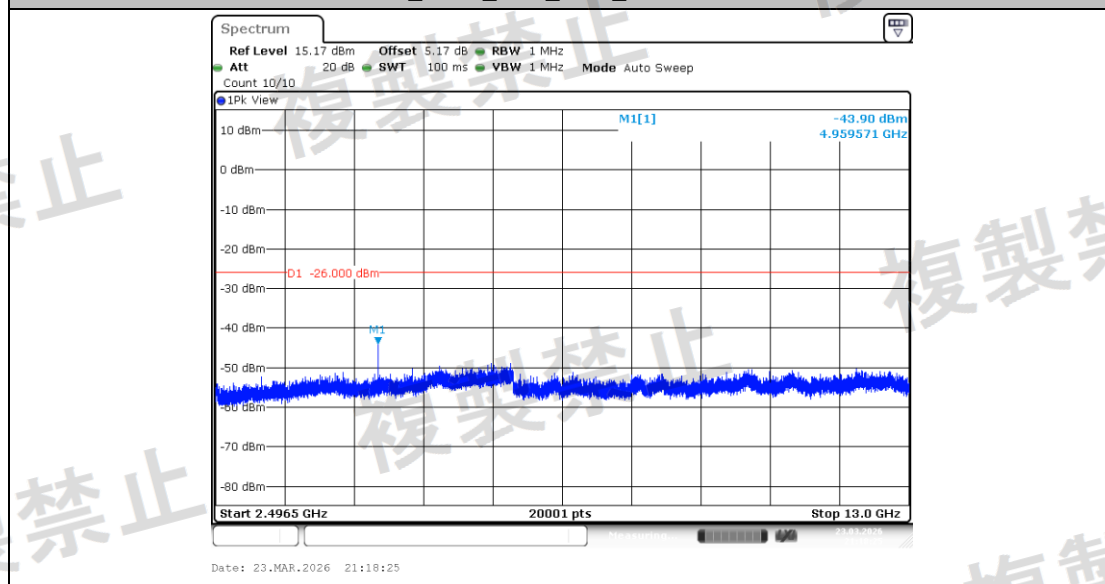
NTNV_2DH5_Ant1_2480_2387~2400

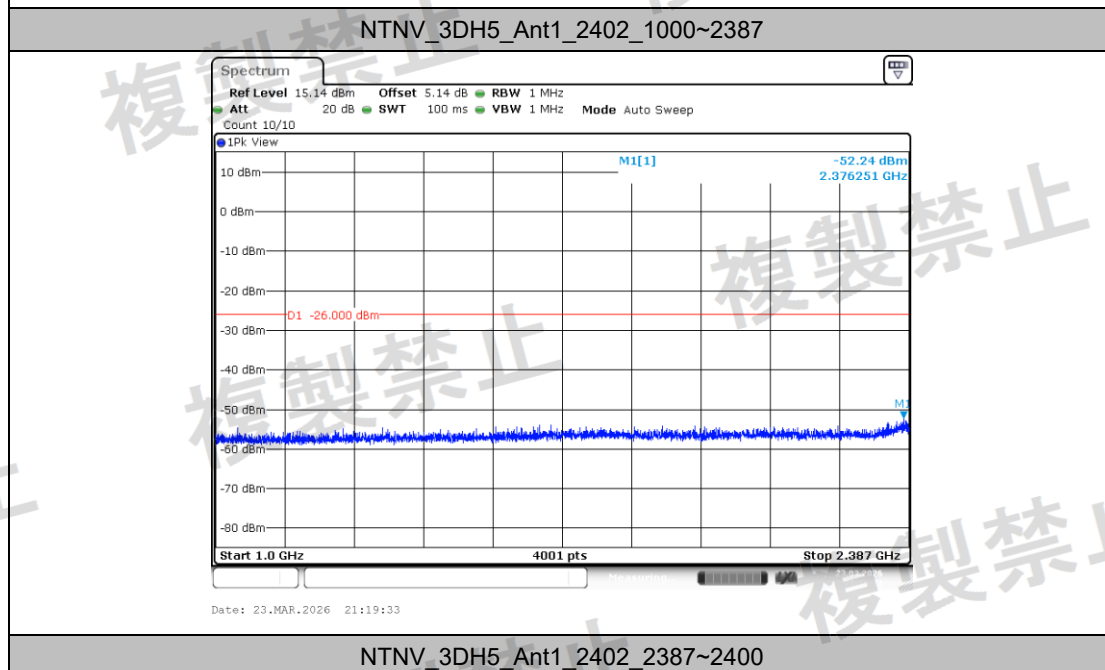
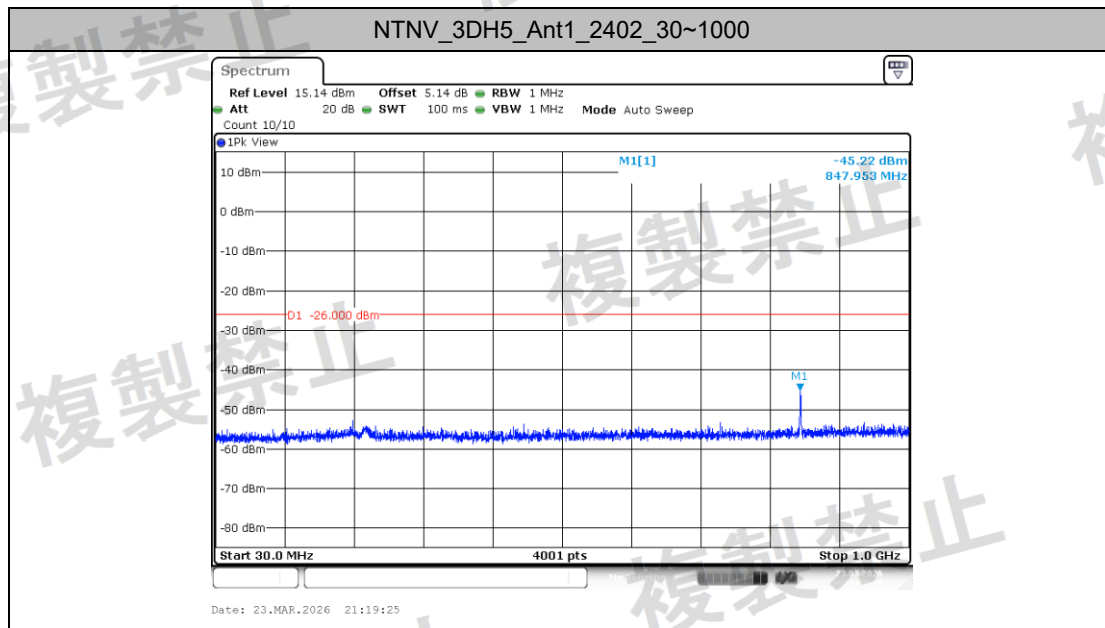


NTVN_2DH5_Ant1_2480_2483.5~2496.5

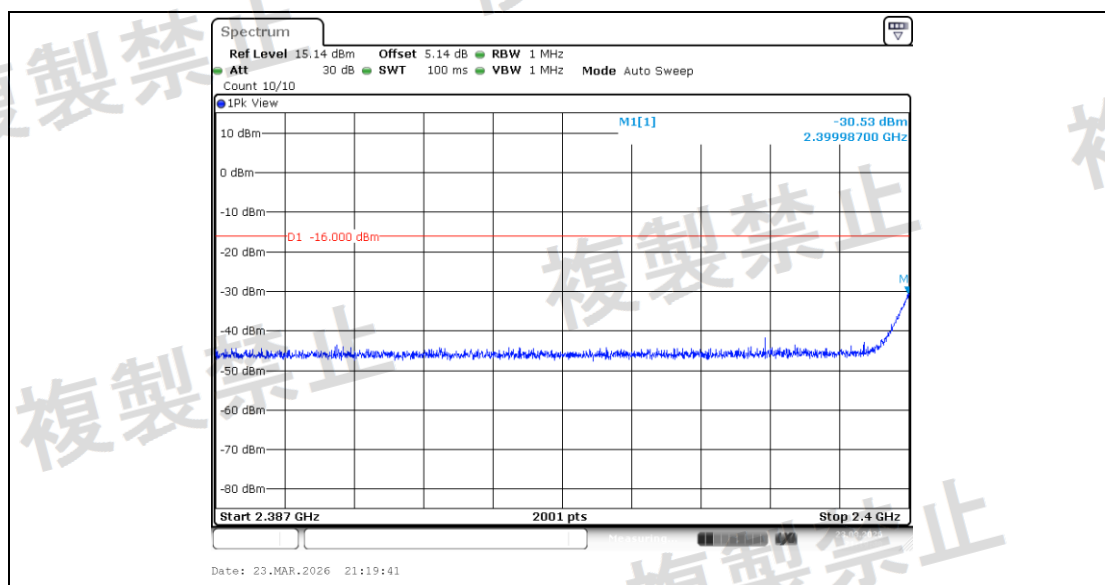


NTVN_2DH5_Ant1_2480_2496.5~13000

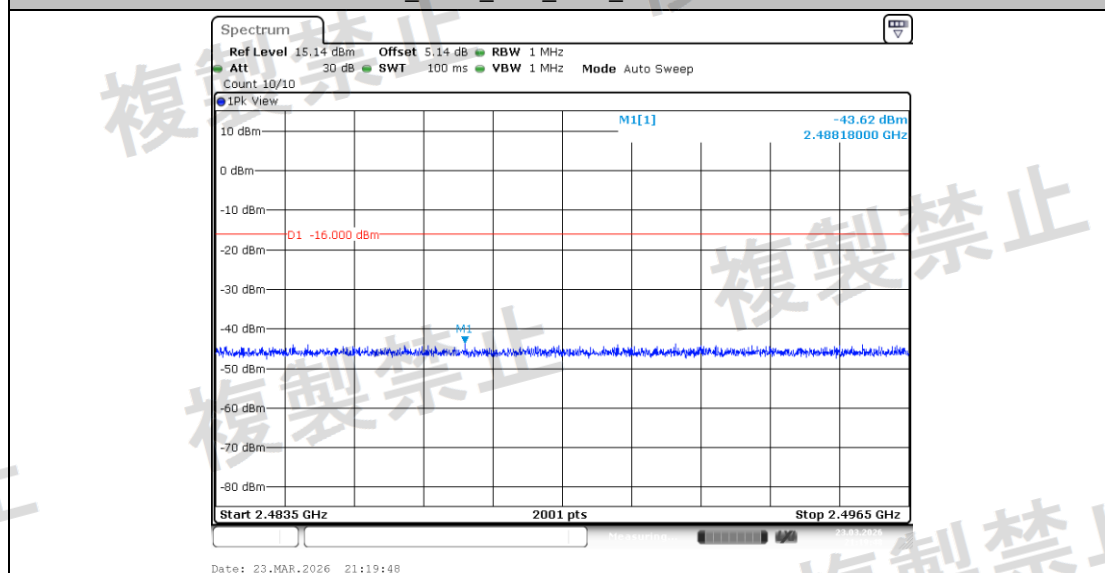




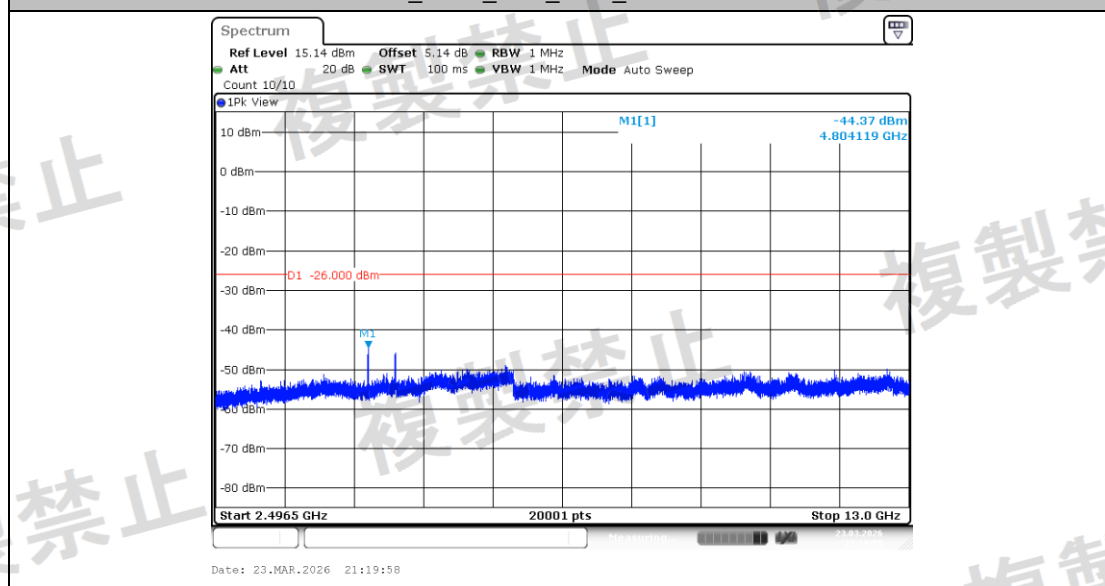
NTNV_3DH5_Ant1_2402_2387~2400

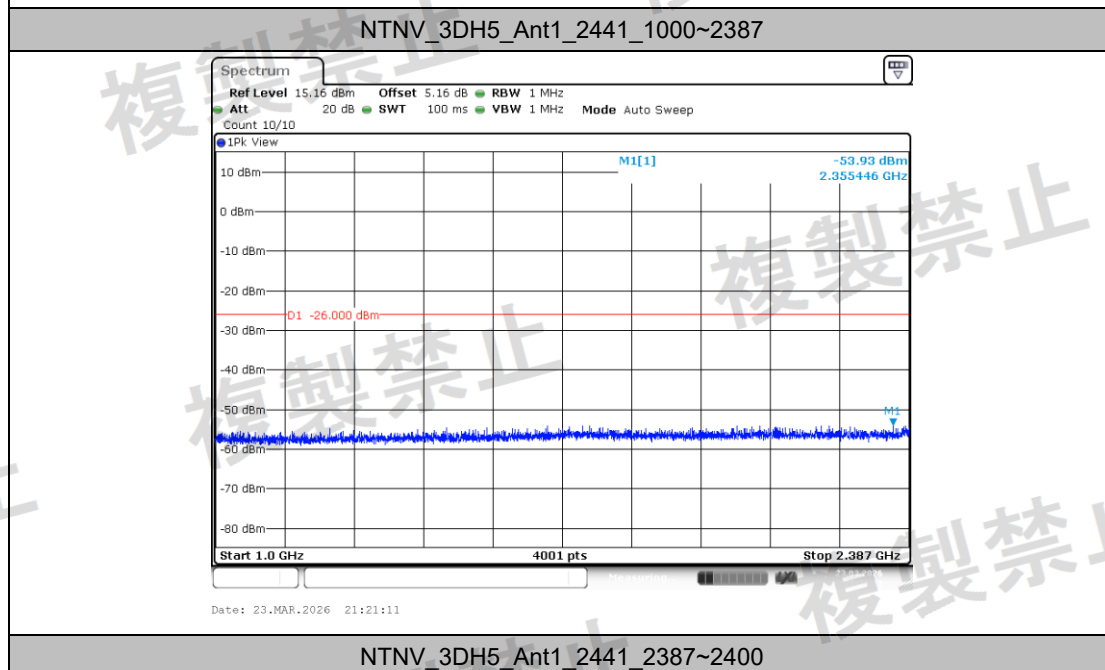
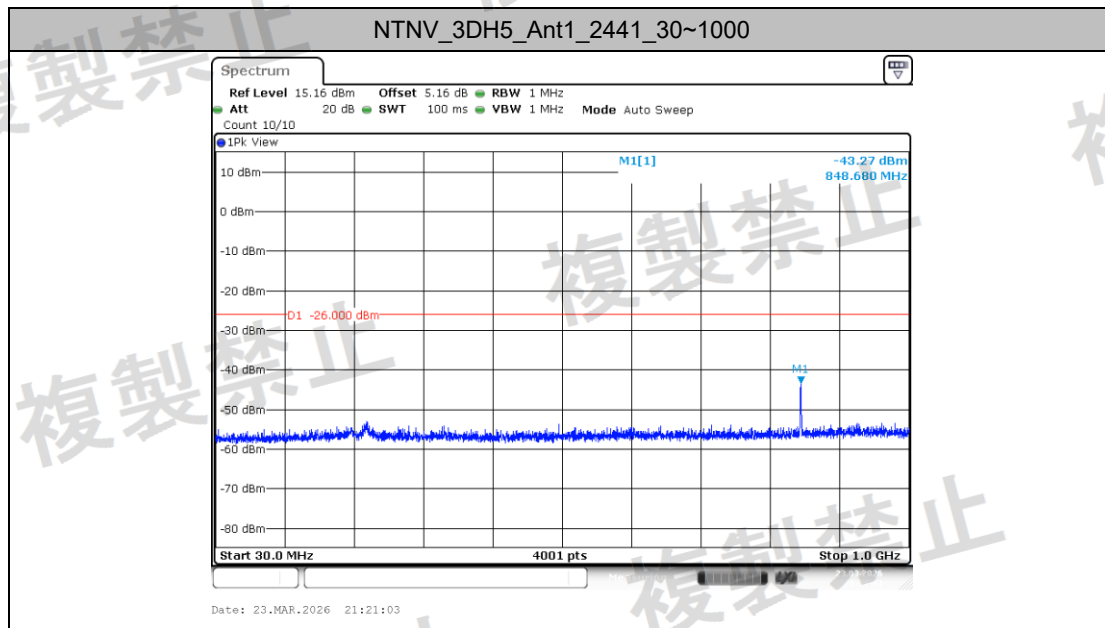


NTVN_3DH5_Ant1_2402_2483.5~2496.5

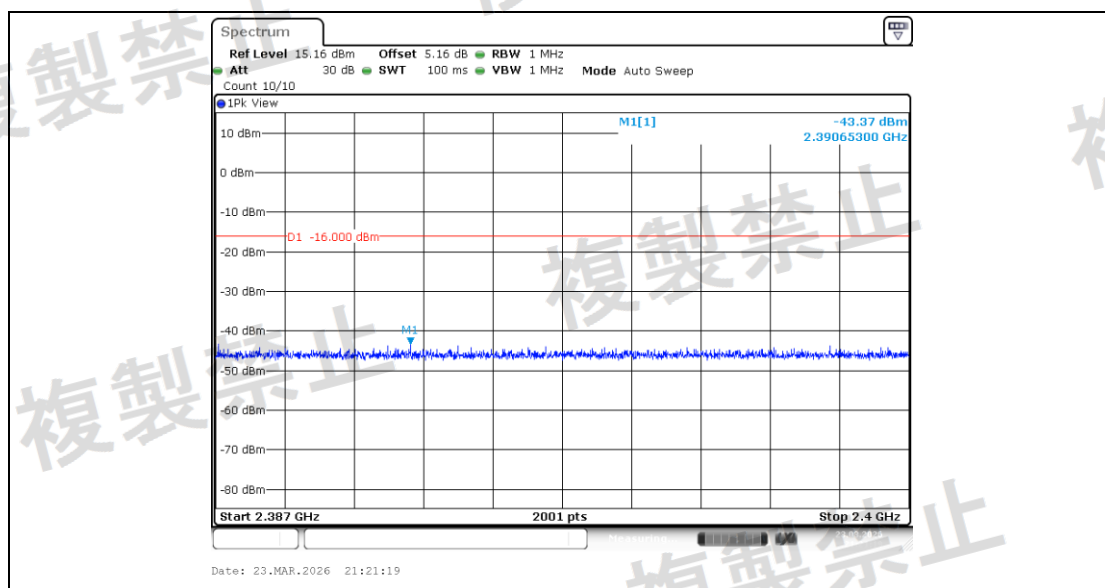


NTVN_3DH5_Ant1_2402_2496.5~13000

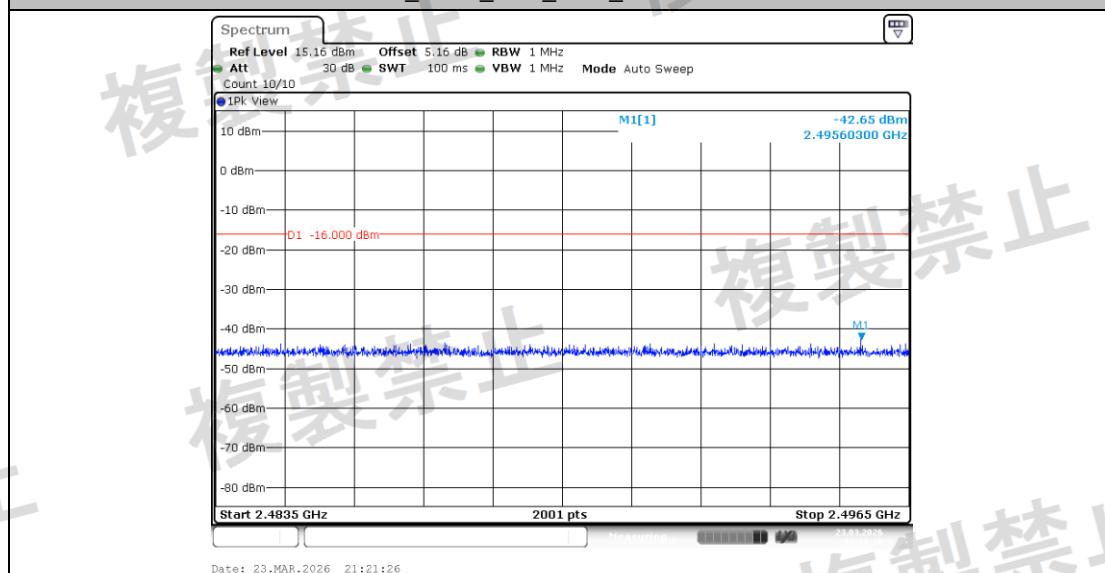




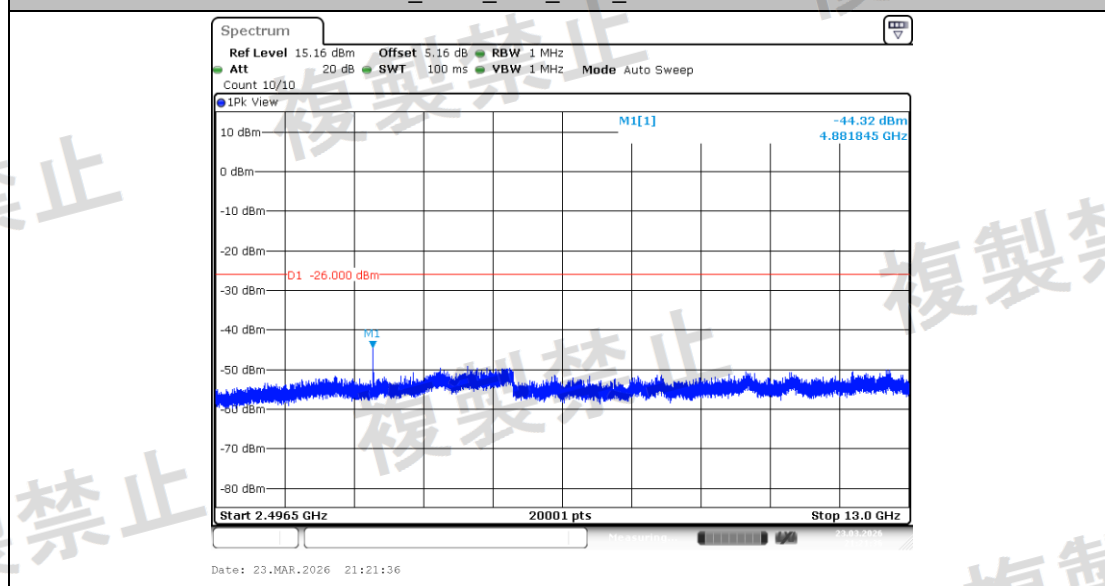
NTNV_3DH5_Ant1_2441_2387~2400

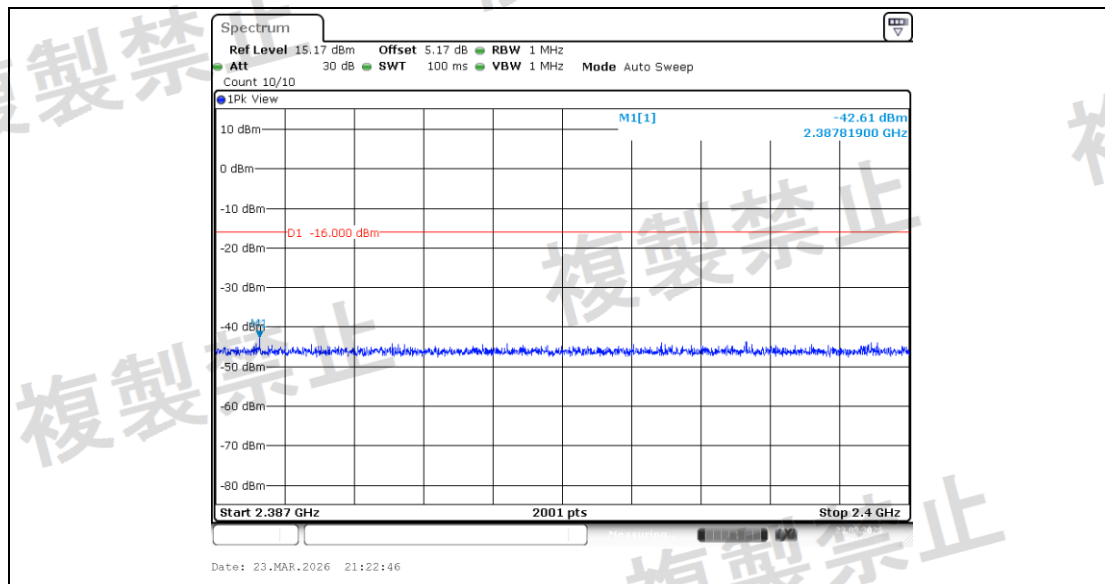


NTVN_3DH5_Ant1_2441_2483.5~2496.5

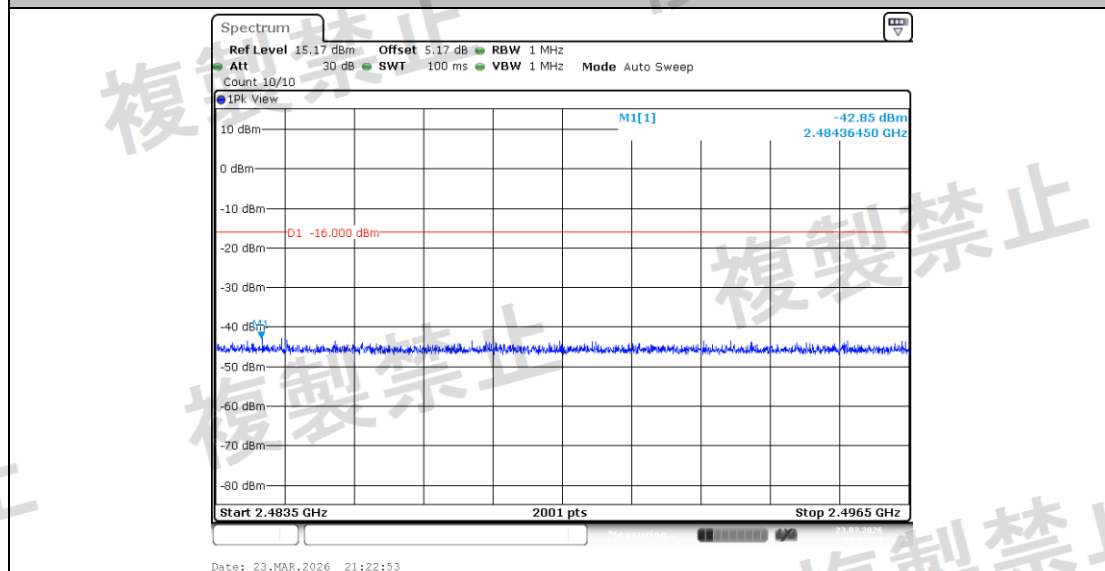


NTVN_3DH5_Ant1_2441_2496.5~13000

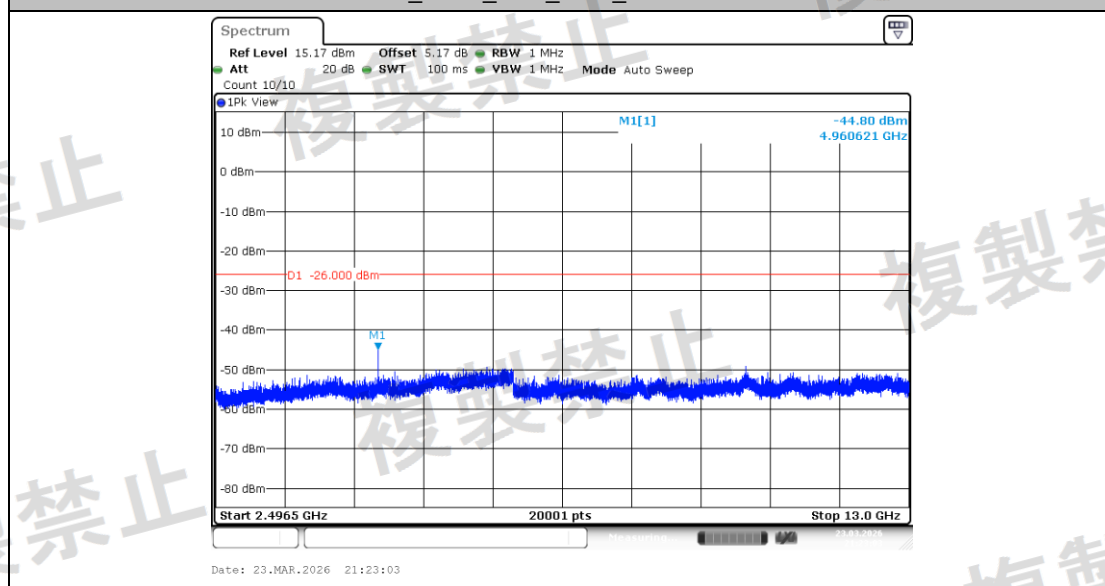




NTVN_3DH5_Ant1_2480_2483.5~2496.5



NTVN_3DH5_Ant1_2480_2496.5~13000

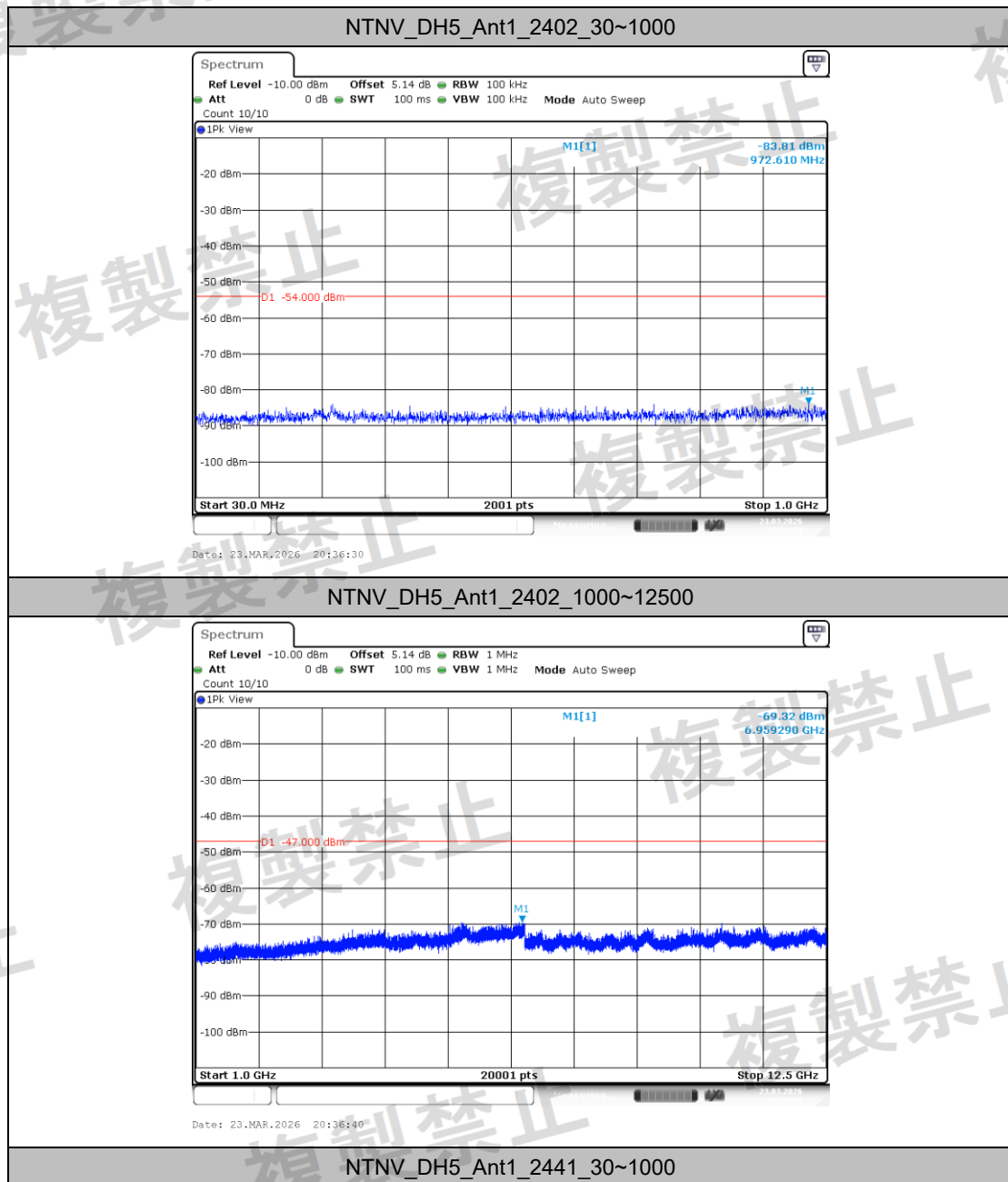


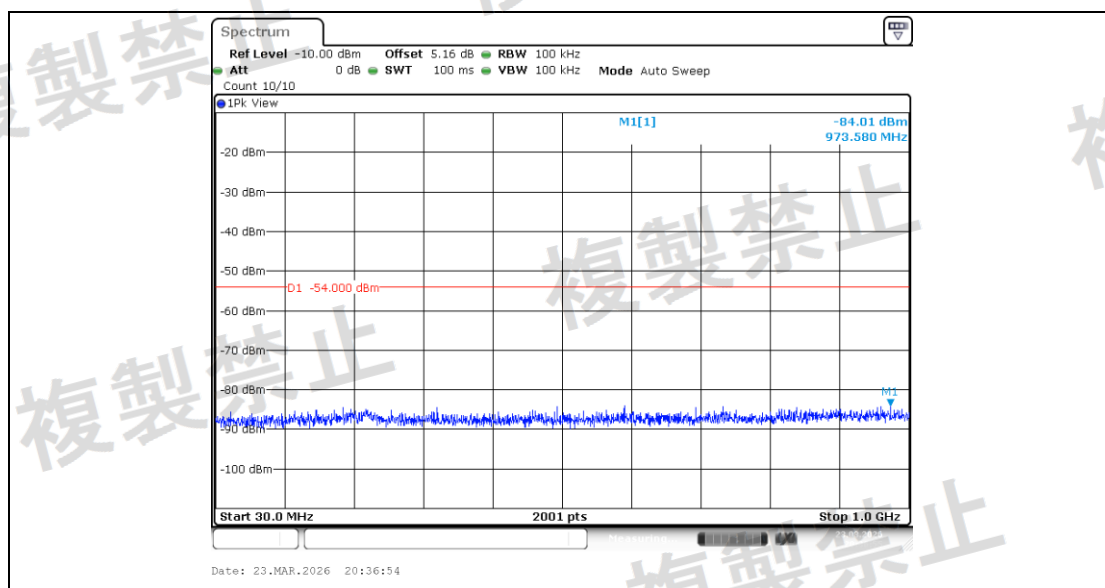
Appendix E: Spurious Emission of RX

Test Result

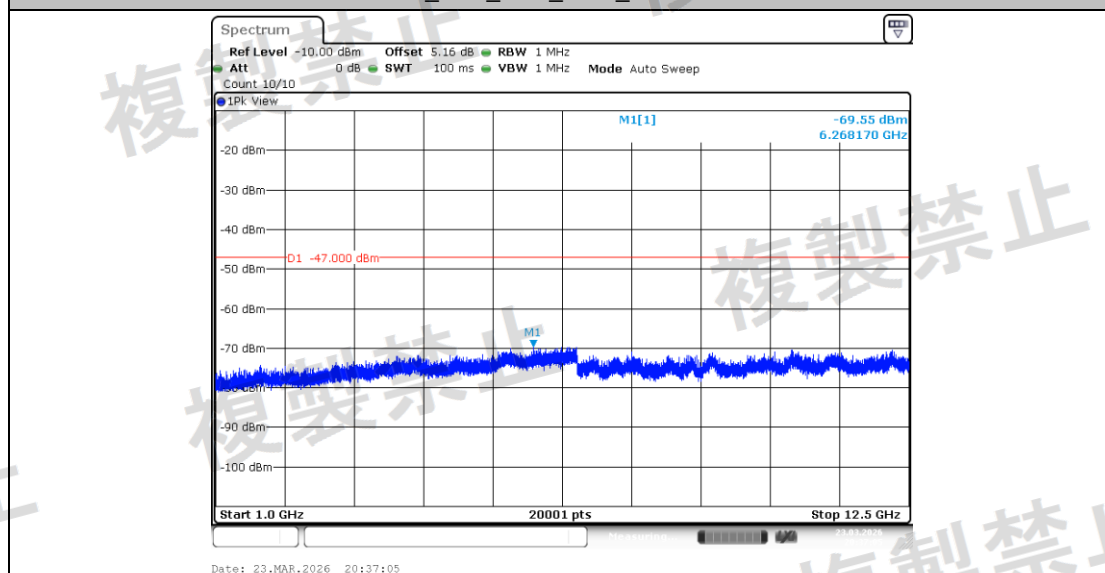
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	972.61	-83.81	≤-54	0.00416	≤4	PASS
				1000~12500	6959.29	-69.32	≤-47	0.11695	≤20	PASS
			2441	30~1000	973.58	-84.01	≤-54	0.00397	≤4	PASS
				1000~12500	6268.17	-69.55	≤-47	0.11092	≤20	PASS
			2480	30~1000	915.41	-83.61	≤-54	0.00436	≤4	PASS
				1000~12500	5784.62	-69.60	≤-47	0.10965	≤20	PASS
	2DH5	Ant1	2402	30~1000	804.40	-83.91	≤-54	0.00406	≤4	PASS
				1000~12500	6835.67	-68.33	≤-47	0.14689	≤20	PASS
			2441	30~1000	911.53	-83.62	≤-54	0.00435	≤4	PASS
				1000~12500	6862.69	-68.35	≤-47	0.14622	≤20	PASS
			2480	30~1000	241.60	-83.47	≤-54	0.00450	≤4	PASS
				1000~12500	6955.84	-69.36	≤-47	0.11588	≤20	PASS
	3DH5	Ant1	2402	30~1000	515.97	-82.73	≤-54	0.00533	≤4	PASS
				1000~12500	6990.91	-68.48	≤-47	0.14191	≤20	PASS
			2441	30~1000	969.22	-83.60	≤-54	0.00437	≤4	PASS
				1000~12500	6647.08	-68.49	≤-47	0.14158	≤20	PASS
			2480	30~1000	579.96	-83.56	≤-54	0.00441	≤4	PASS
				1000~12500	6875.34	-67.85	≤-47	0.16406	≤20	PASS

Test Graphs

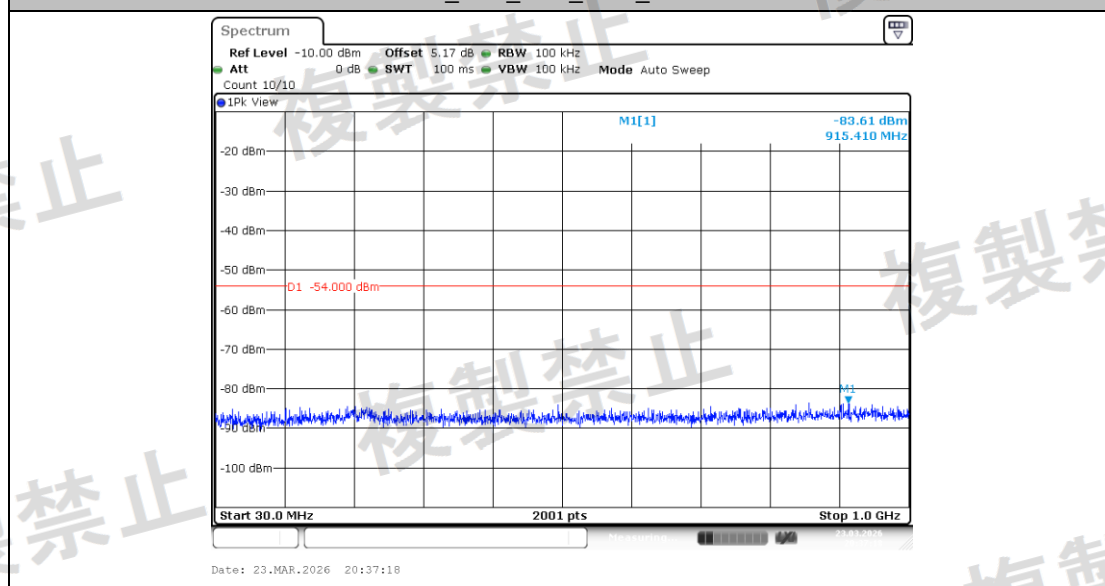


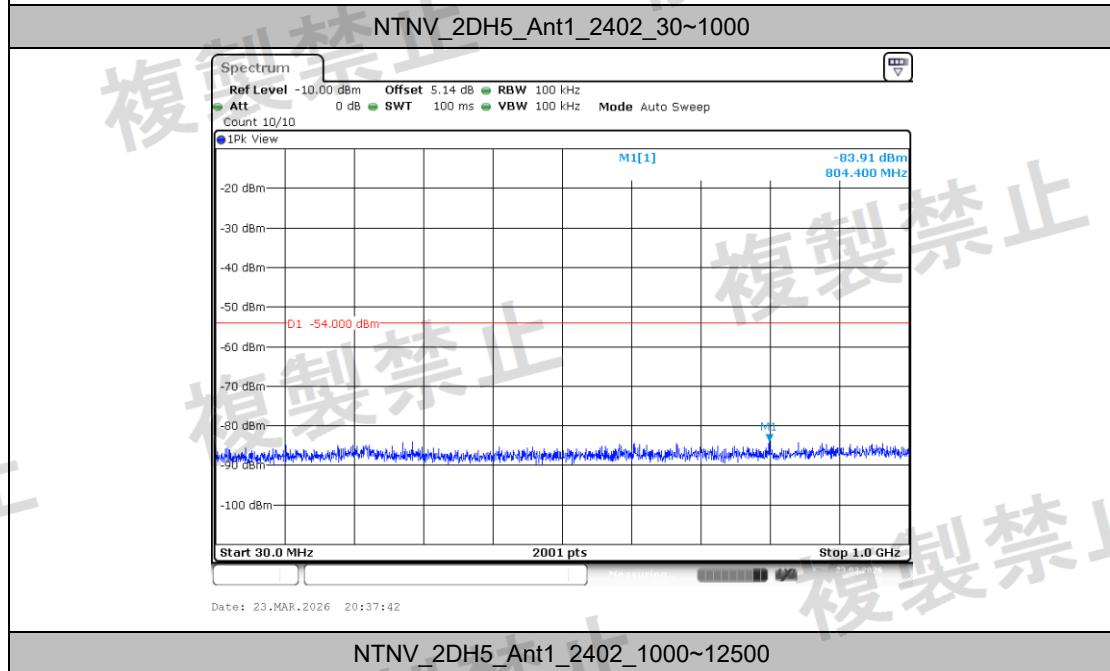
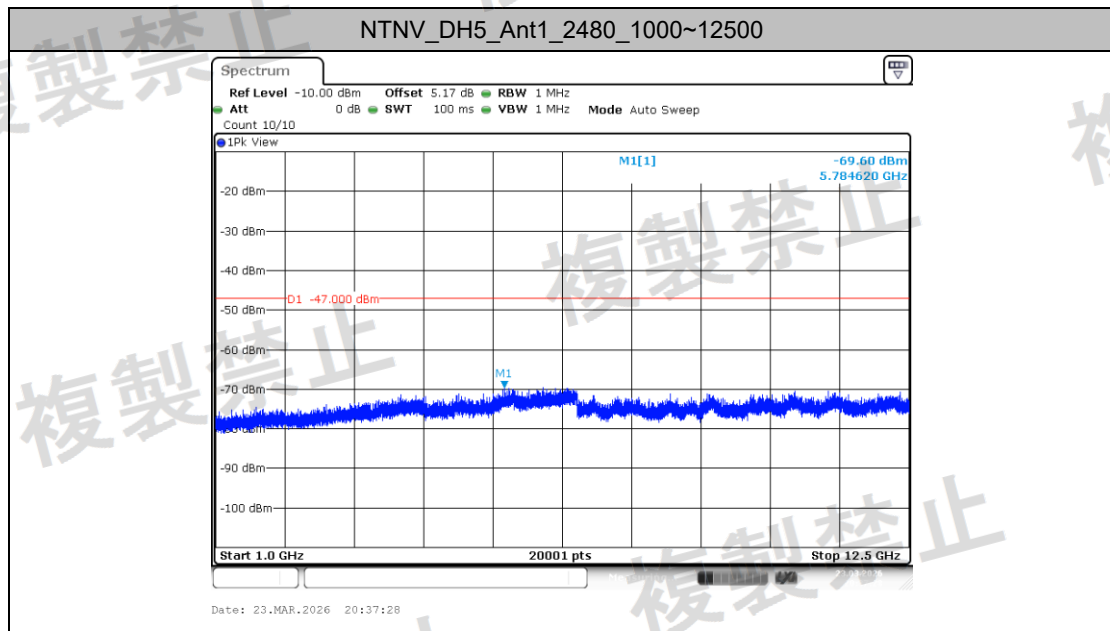


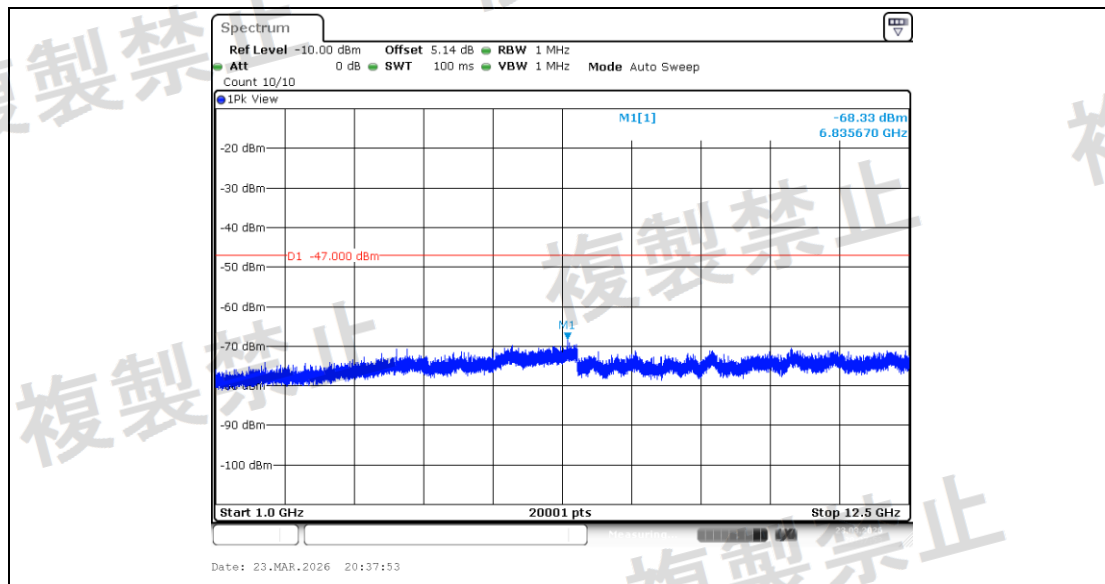
NTNV_DH5_Ant1_2441_1000~12500



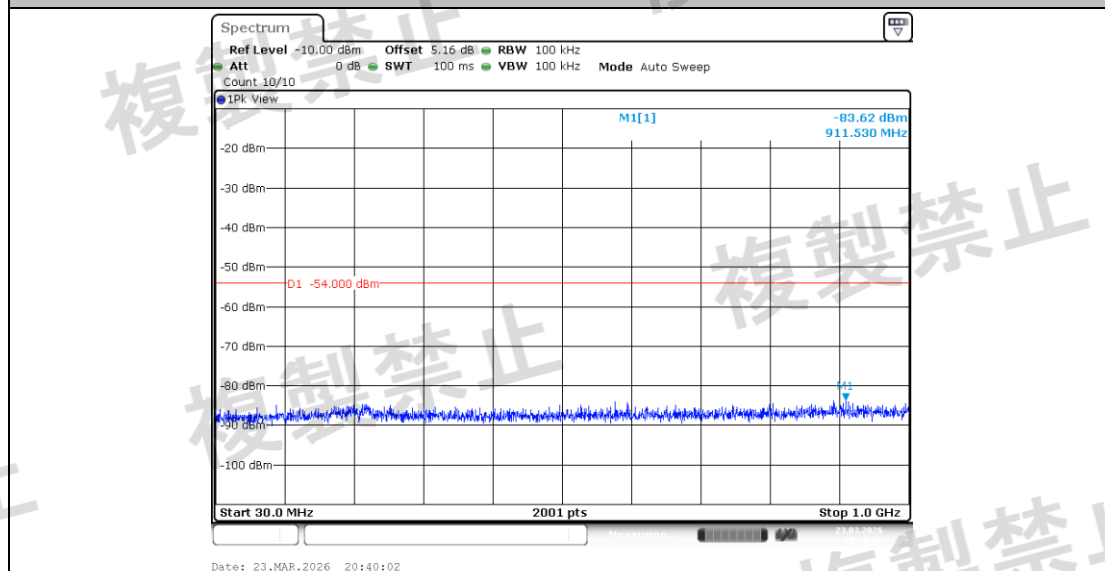
NTNV_DH5_Ant1_2480_30~1000



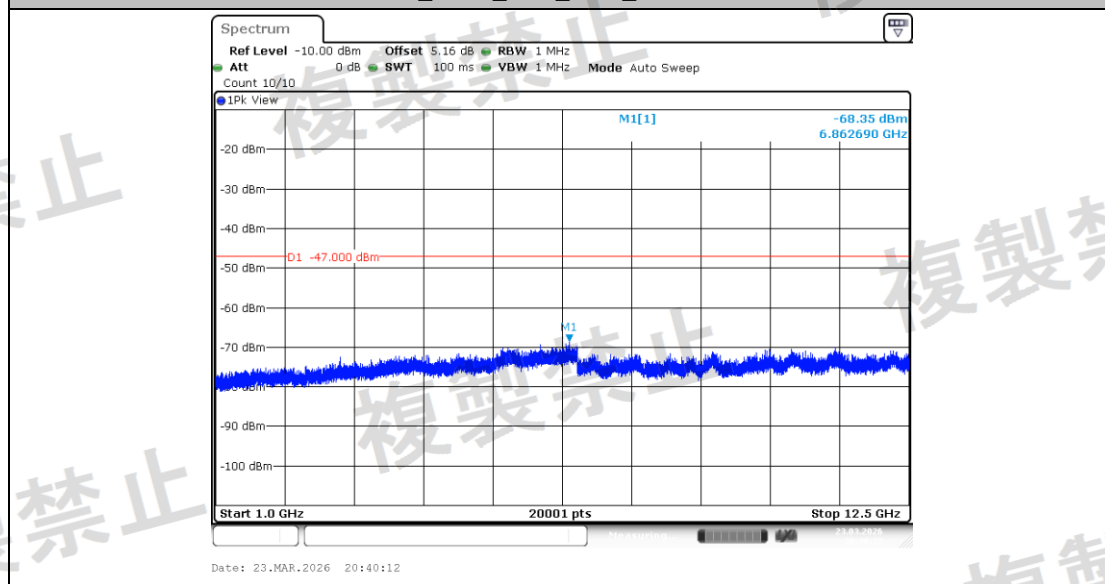


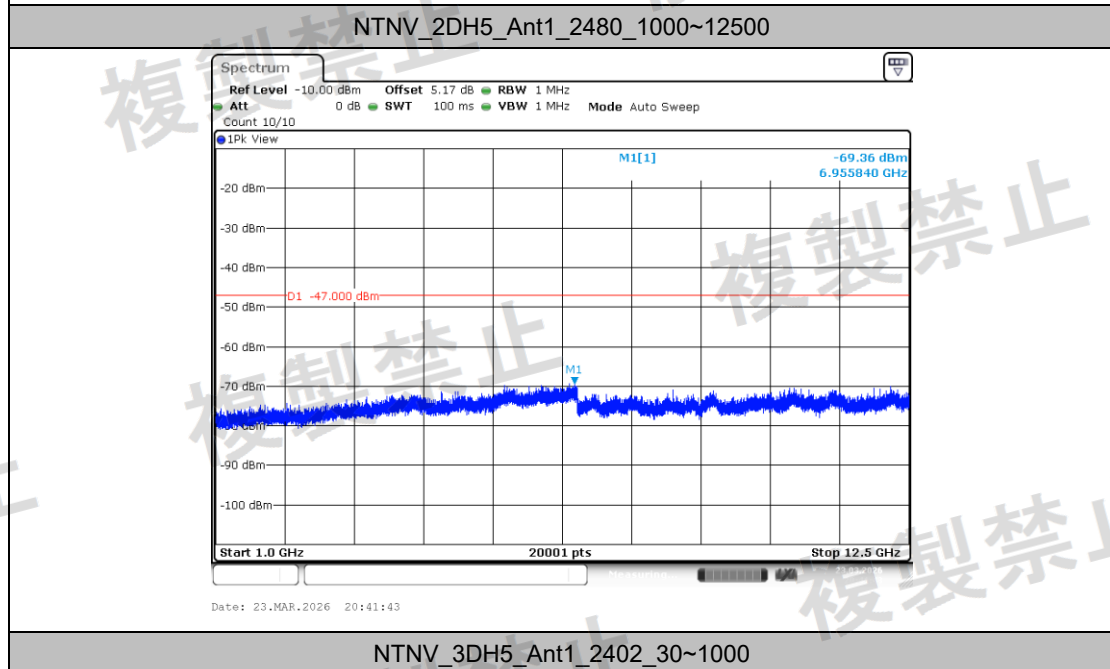
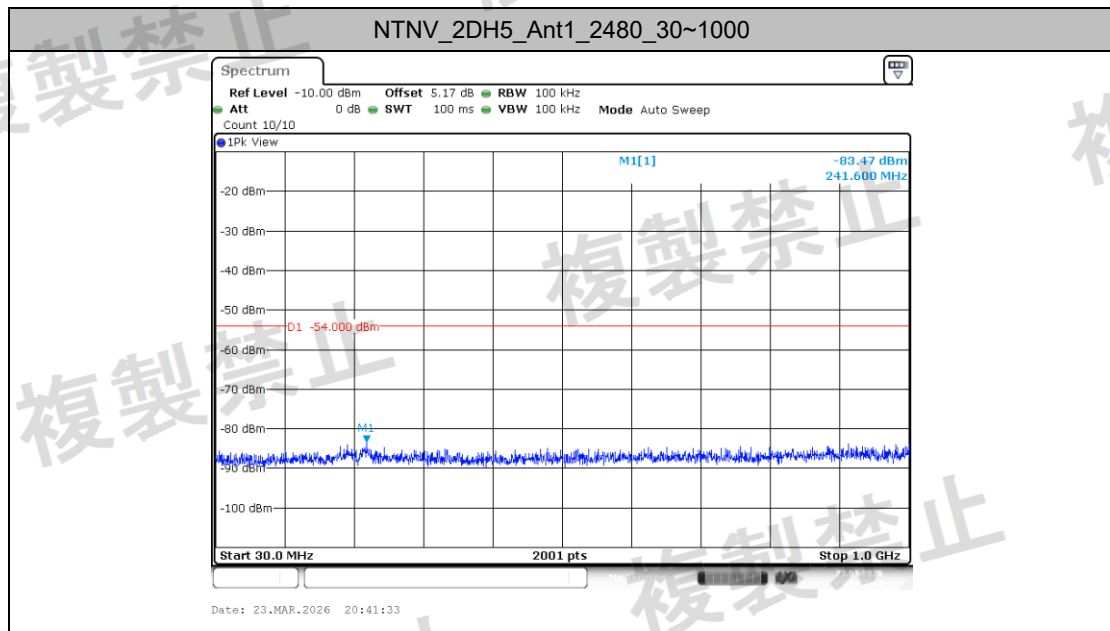


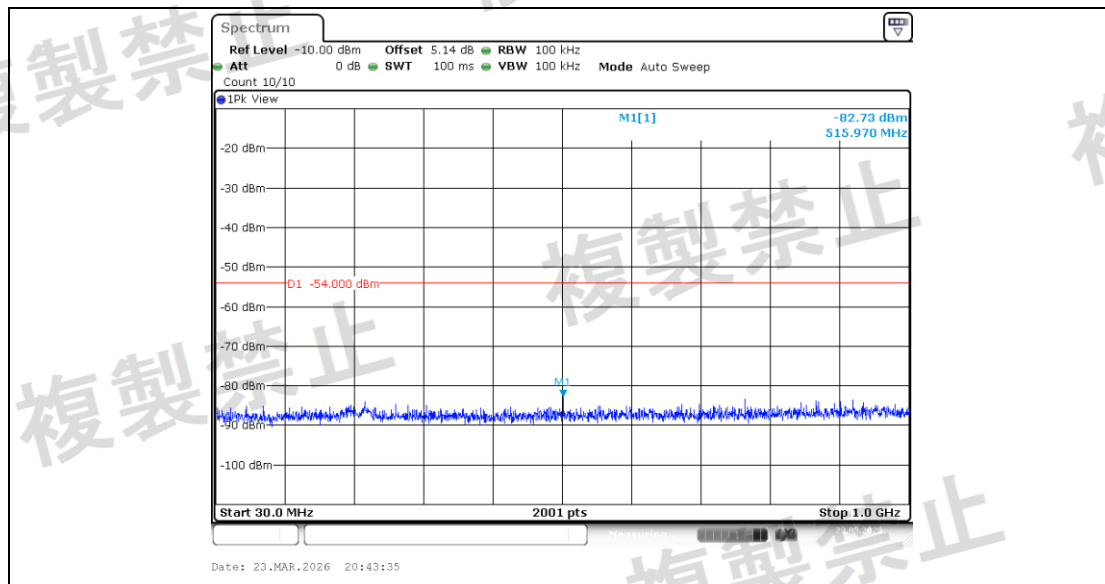
NTNV_2DH5_Ant1_2441_30~1000



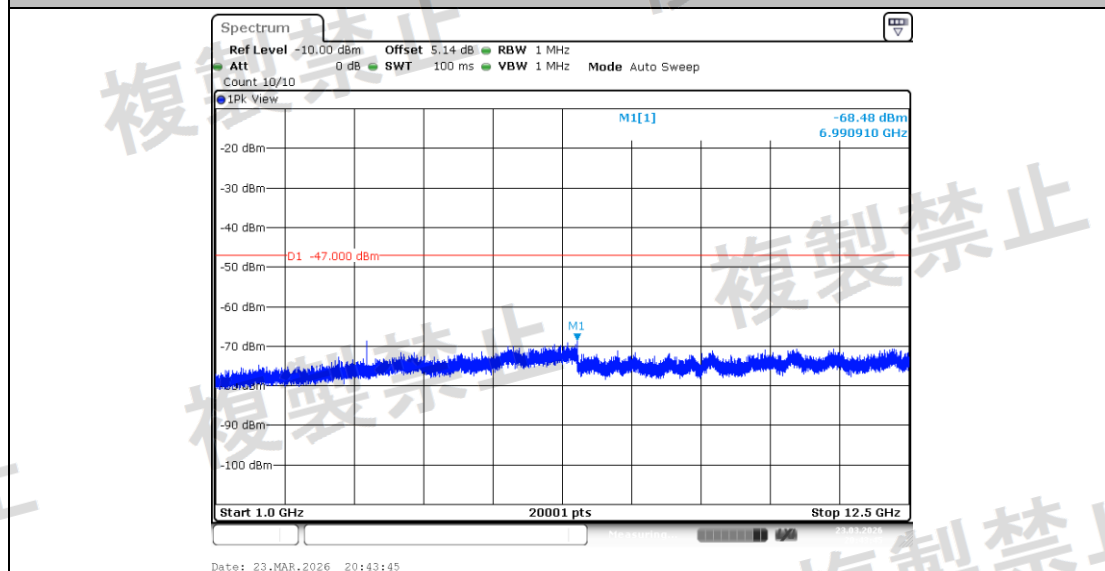
NTNV_2DH5_Ant1_2441_1000~12500



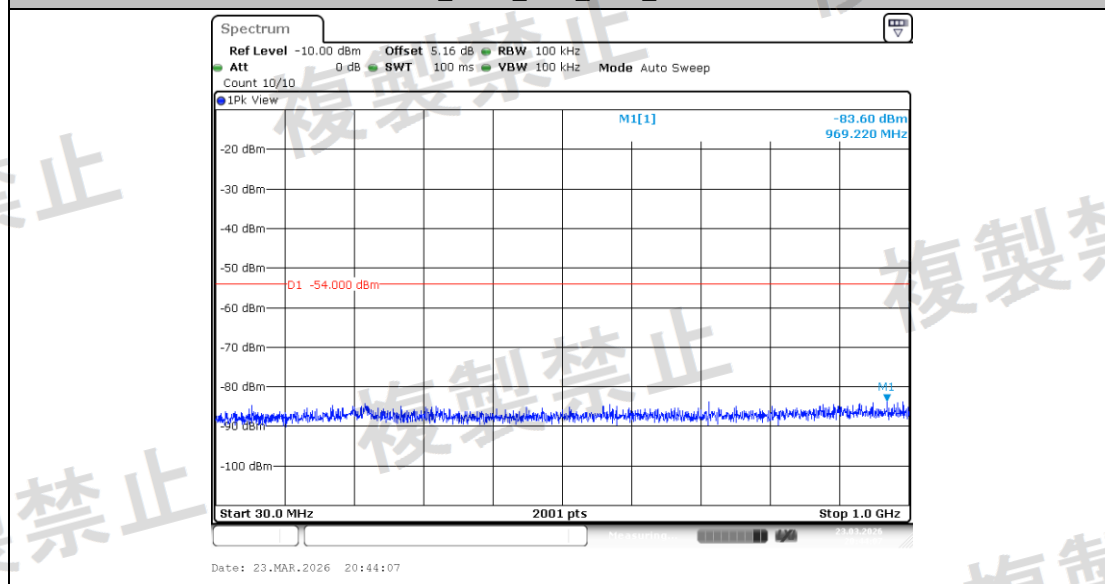


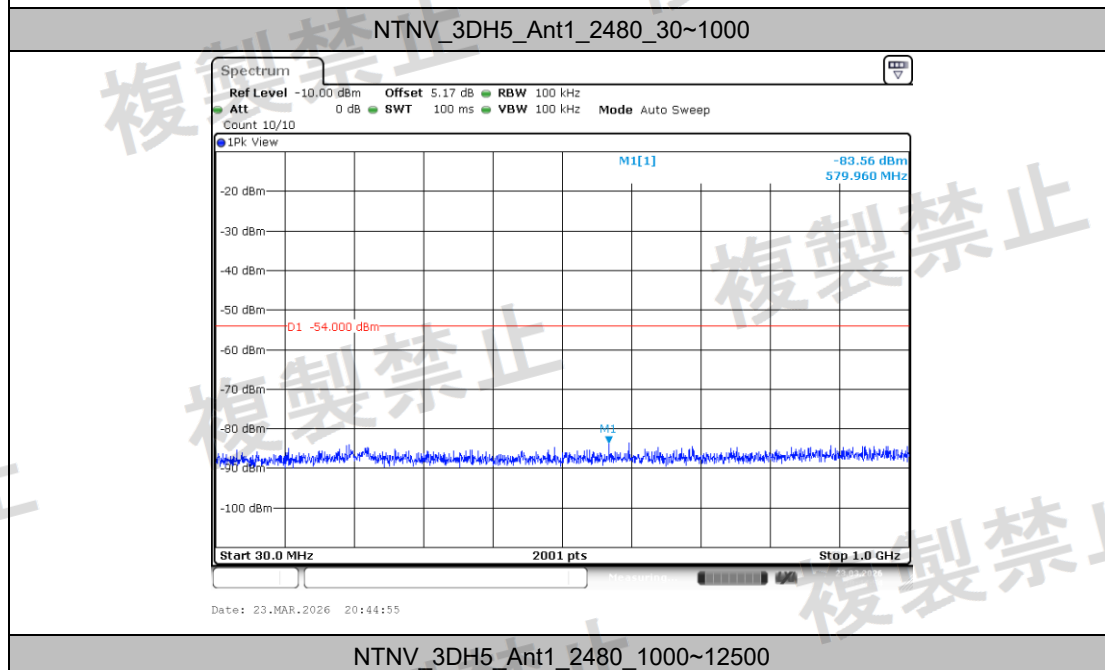
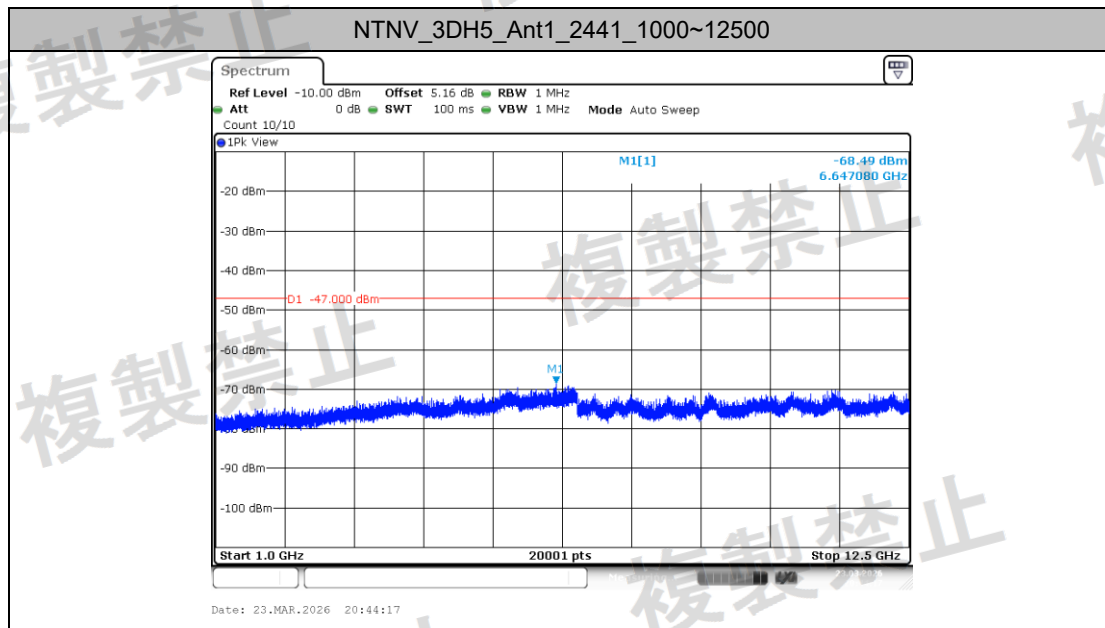


NTNV_3DH5_Ant1_2402_1000~12500

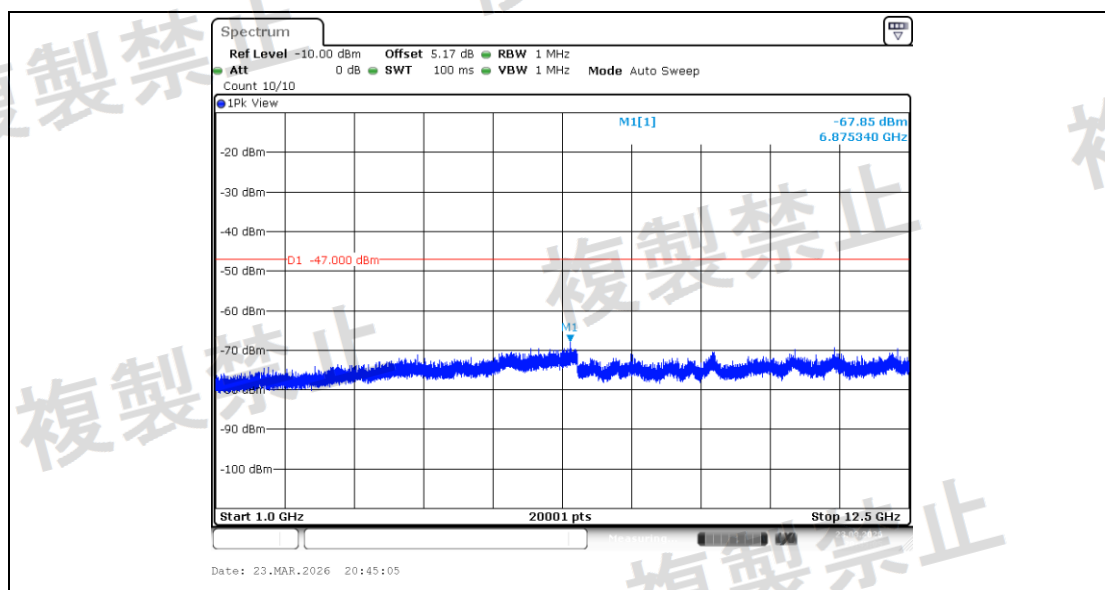


NTNV_3DH5_Ant1_2441_30~1000





NTNV_3DH5_Ant1_2480_1000~12500

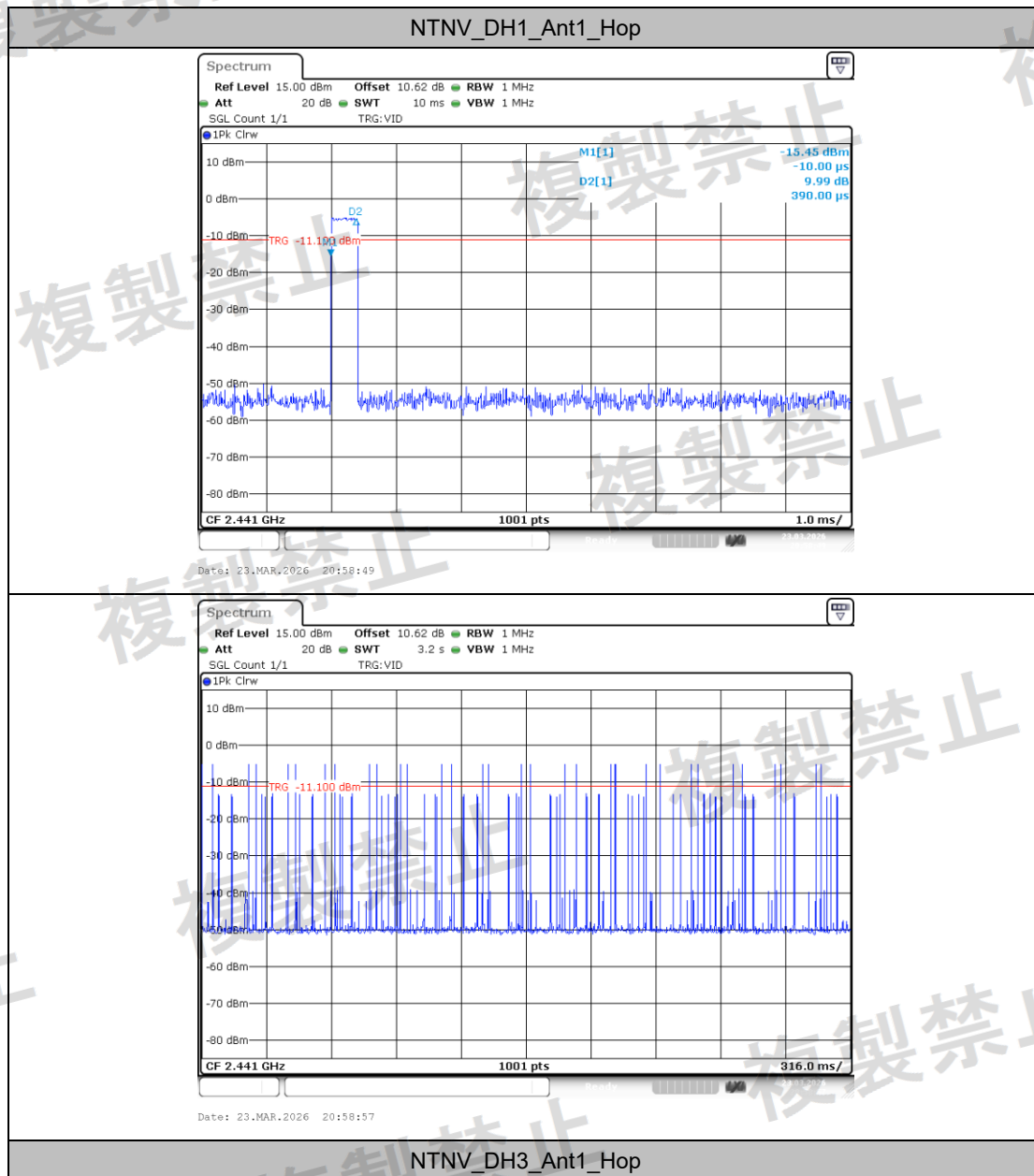


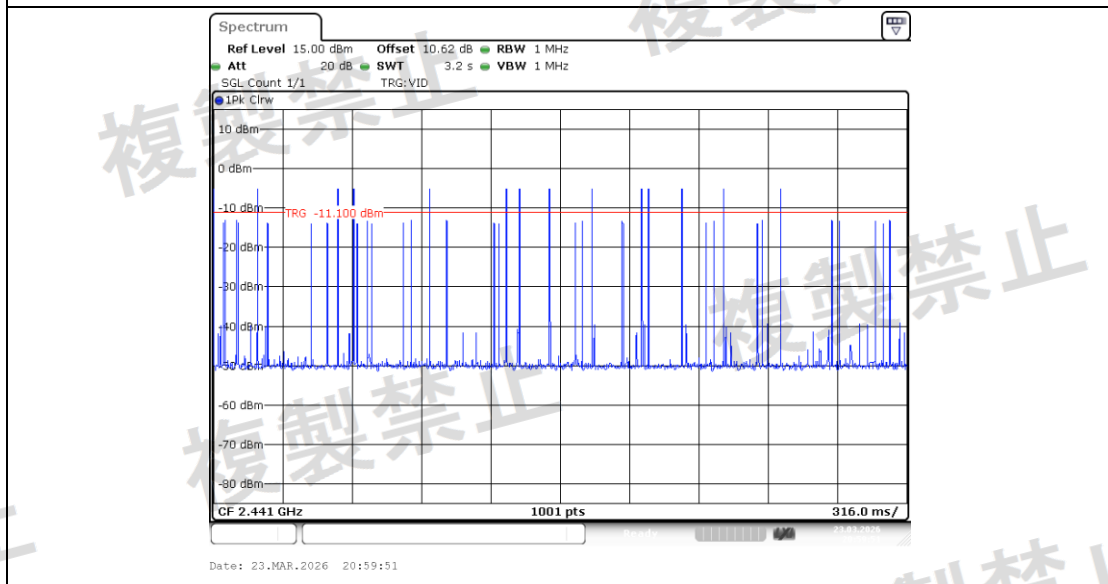
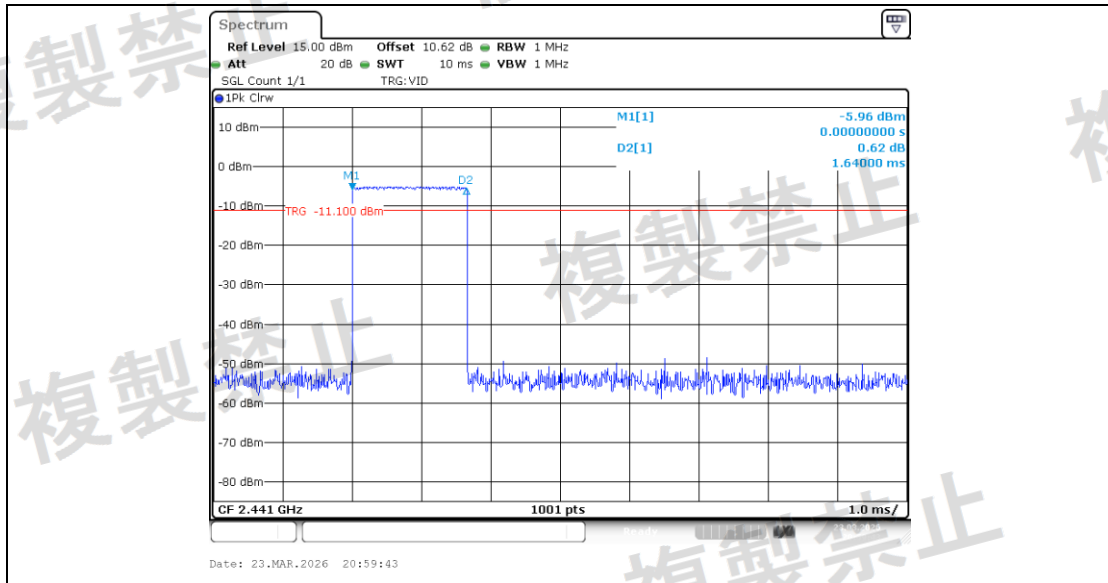
Appendix F: Dwell Time

Test Result

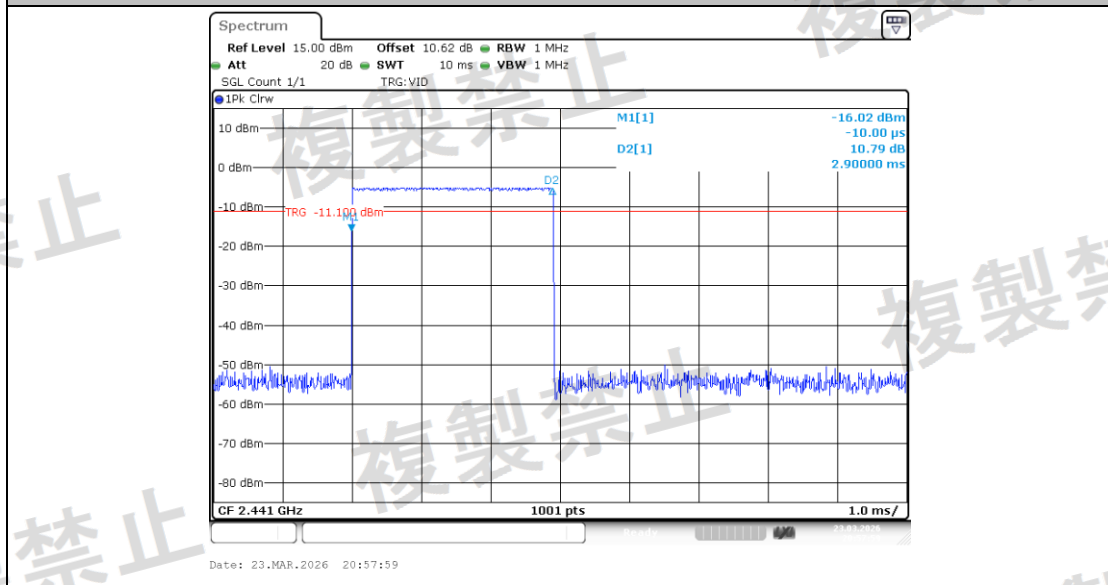
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.39	320	0.125	≤0.4	PASS
	DH3	Ant1	Hop	1.64	140	0.23	≤0.4	PASS
	DH5	Ant1	Hop	2.90	80	0.232	≤0.4	PASS
	2DH1	Ant1	Hop	0.40	320	0.128	≤0.4	PASS
	2DH3	Ant1	Hop	1.65	150	0.248	≤0.4	PASS
	2DH5	Ant1	Hop	2.90	130	0.377	≤0.4	PASS
	3DH1	Ant1	Hop	0.39	320	0.125	≤0.4	PASS
	3DH3	Ant1	Hop	1.65	170	0.281	≤0.4	PASS
	3DH5	Ant1	Hop	2.90	50	0.145	≤0.4	PASS

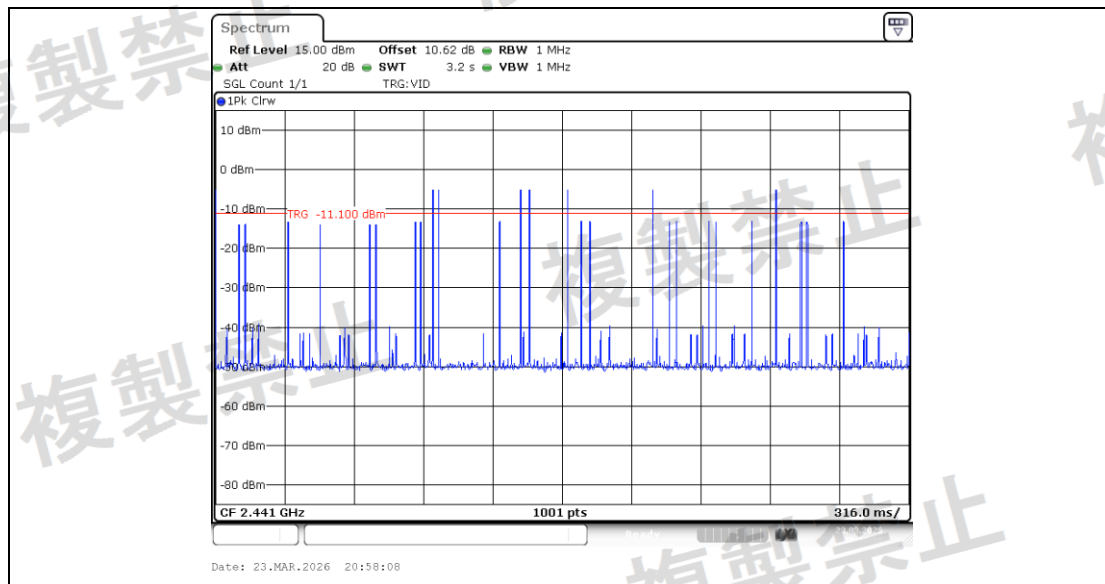
Test Graphs



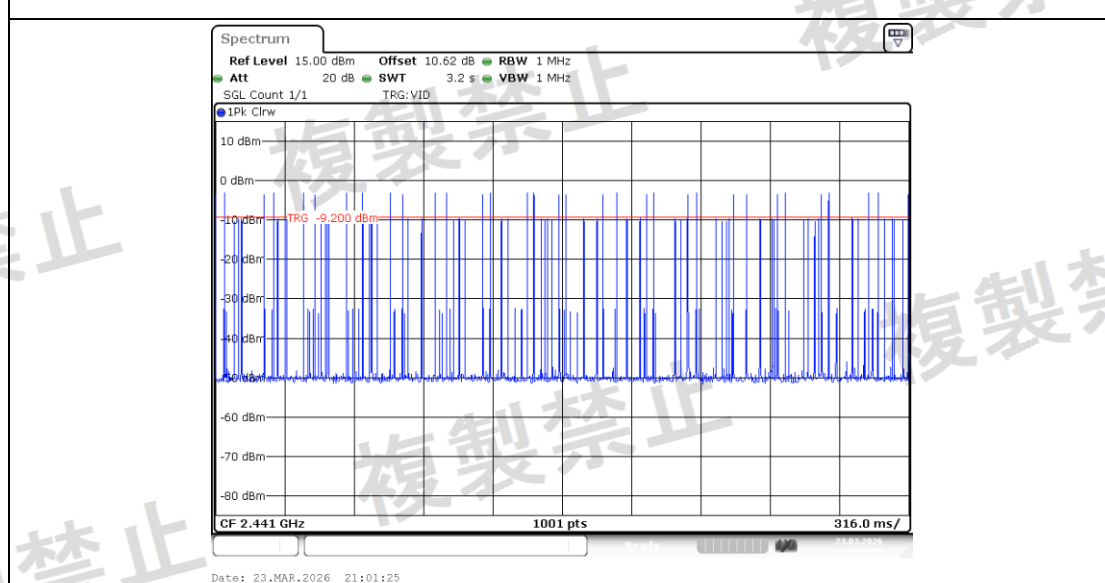
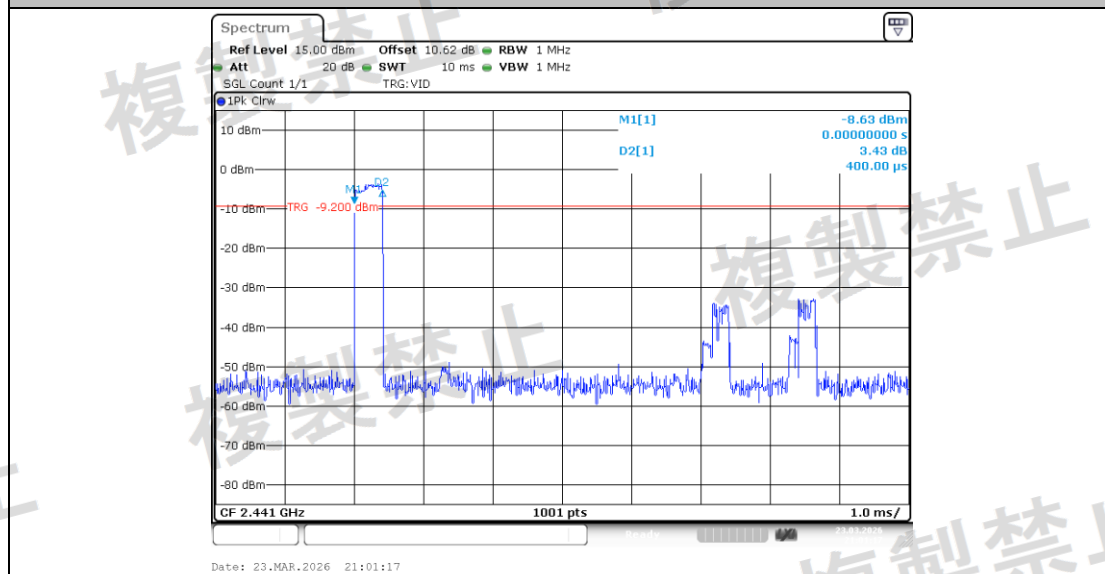


NTNV_DH5_Ant1_Hop

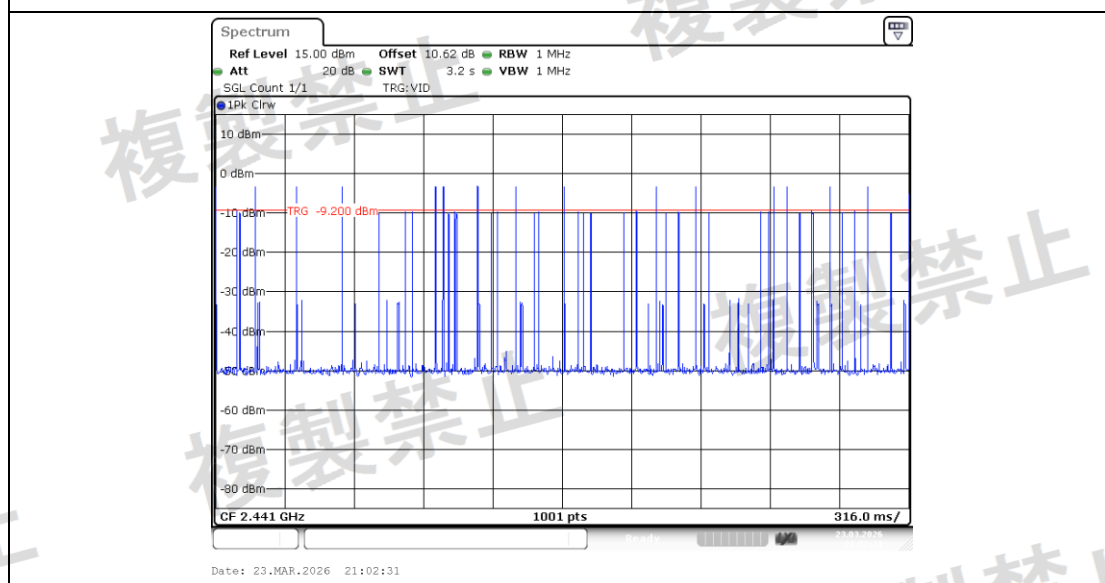
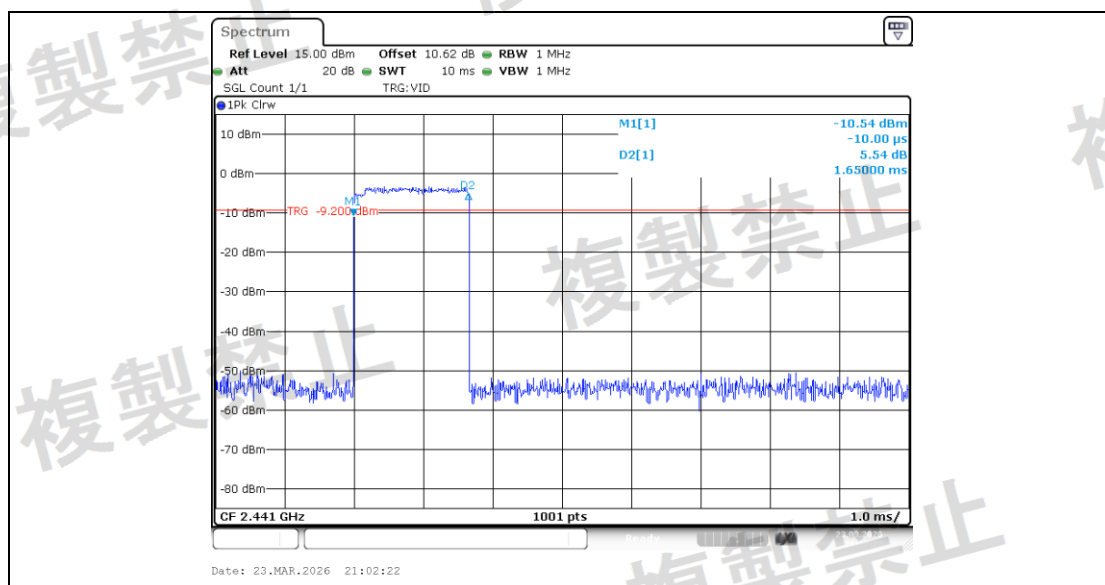




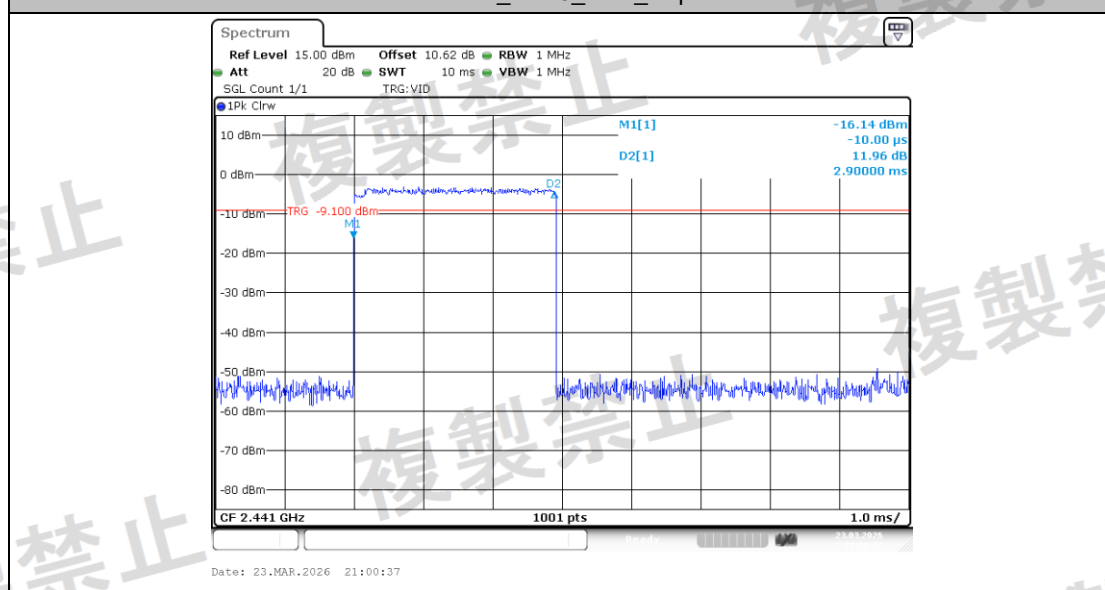
NTNV_2DH1_Ant1_Hop



NTNV_2DH3_Ant1_Hop

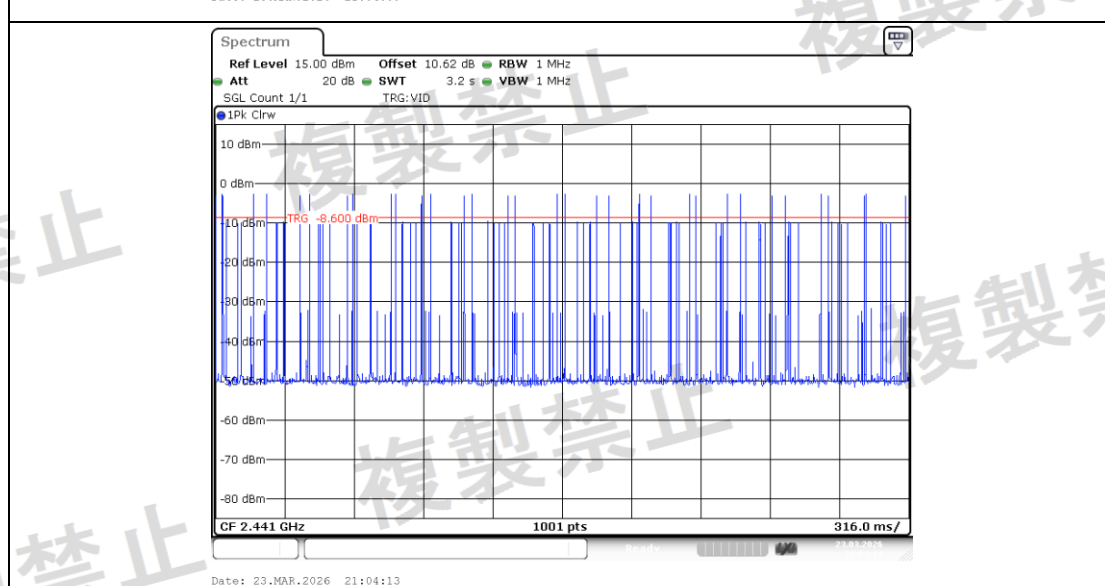
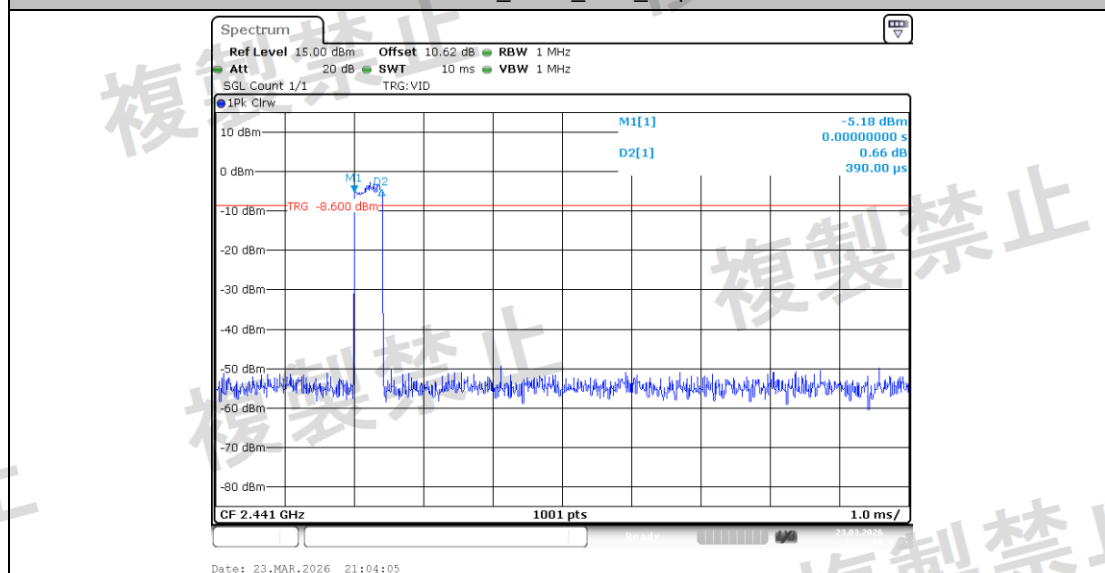


NTNV_2DH5_Ant1_Hop

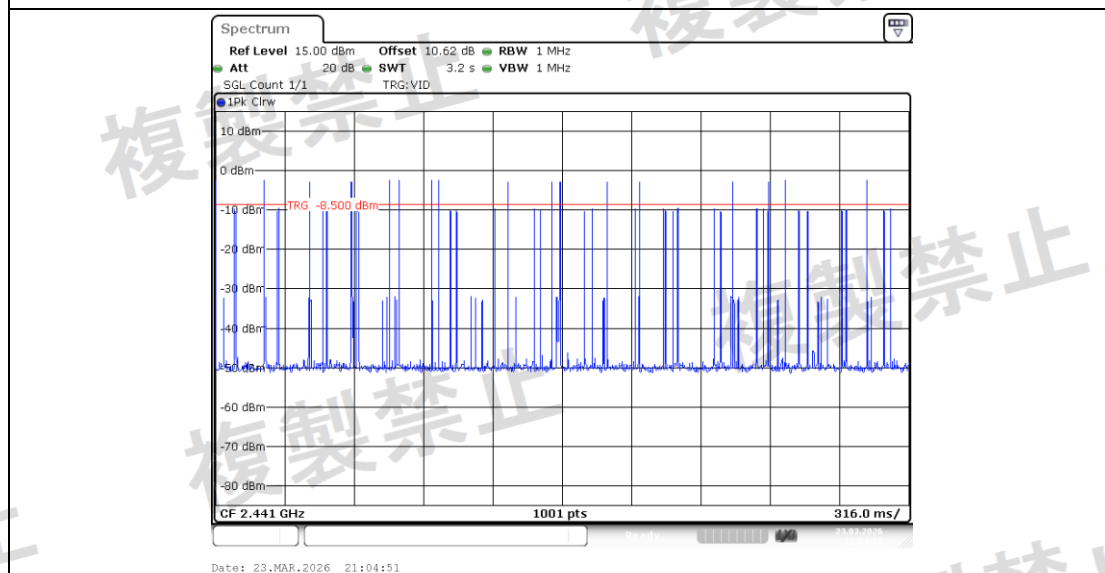
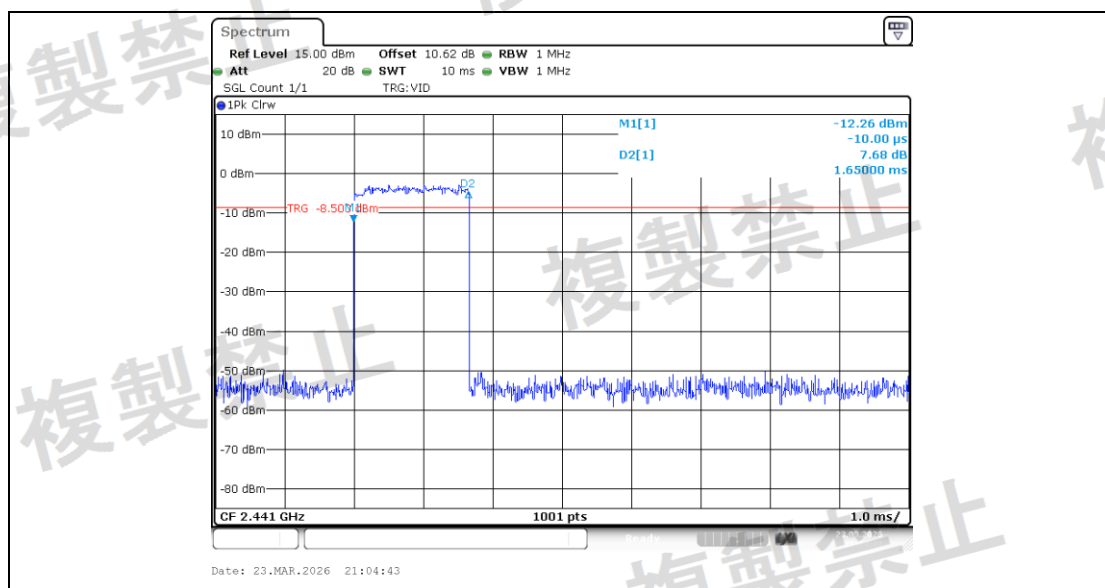




NTNV_3DH1_Ant1_Hop



NTNV_3DH3_Ant1_Hop



NTNV_3DH5_Ant1_Hop

