

Appendix RF Test Data for BR-EDR

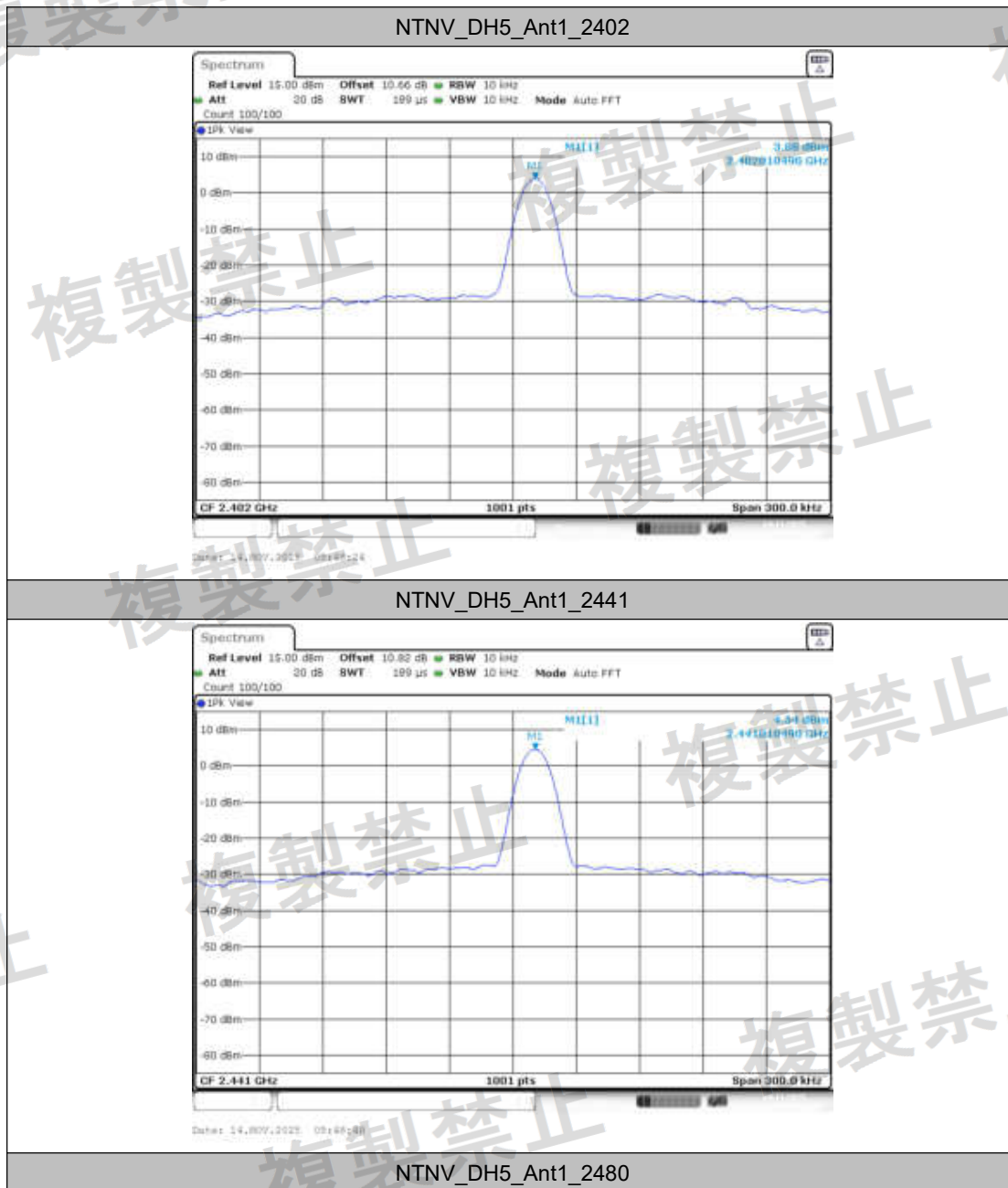
Company : SHAREUAV Ltd
EUT : Multi-functional Handheld High-Precision LiDAR Scanner
Model Number : SHARE SLAM S100-32 PRO
Report No. : CTA25103100701
Reviewed By : Eric Wang

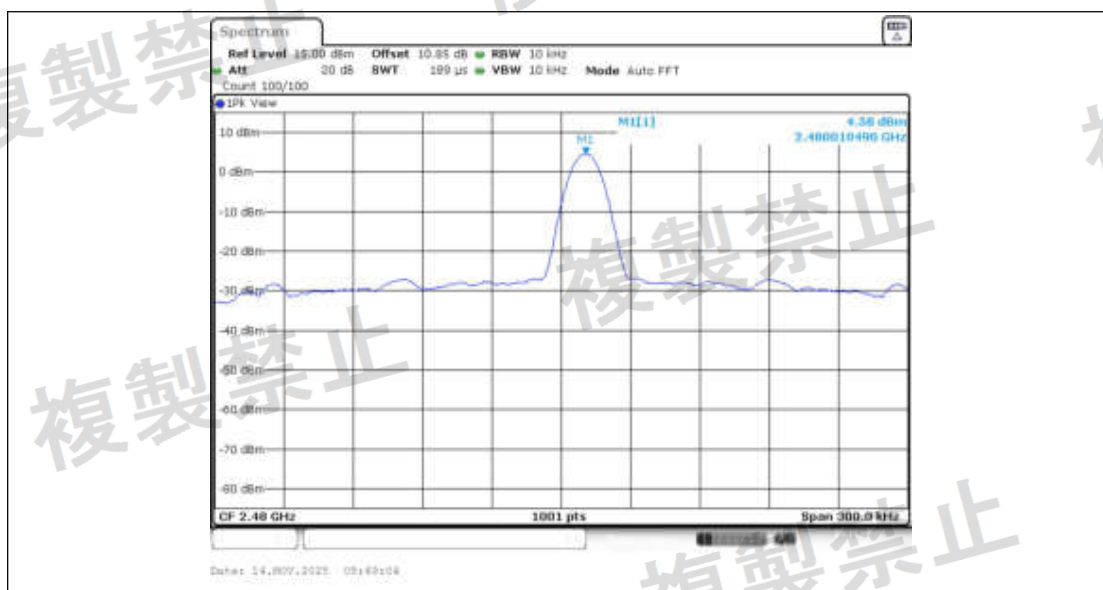
Appendix A: Frequency_Error

Test Result

Test Condition	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	Ant1	2402	4.36719	±50	PASS
		2441	4.29742	±50	PASS
		2480	4.22984	±50	PASS

Test Graphs



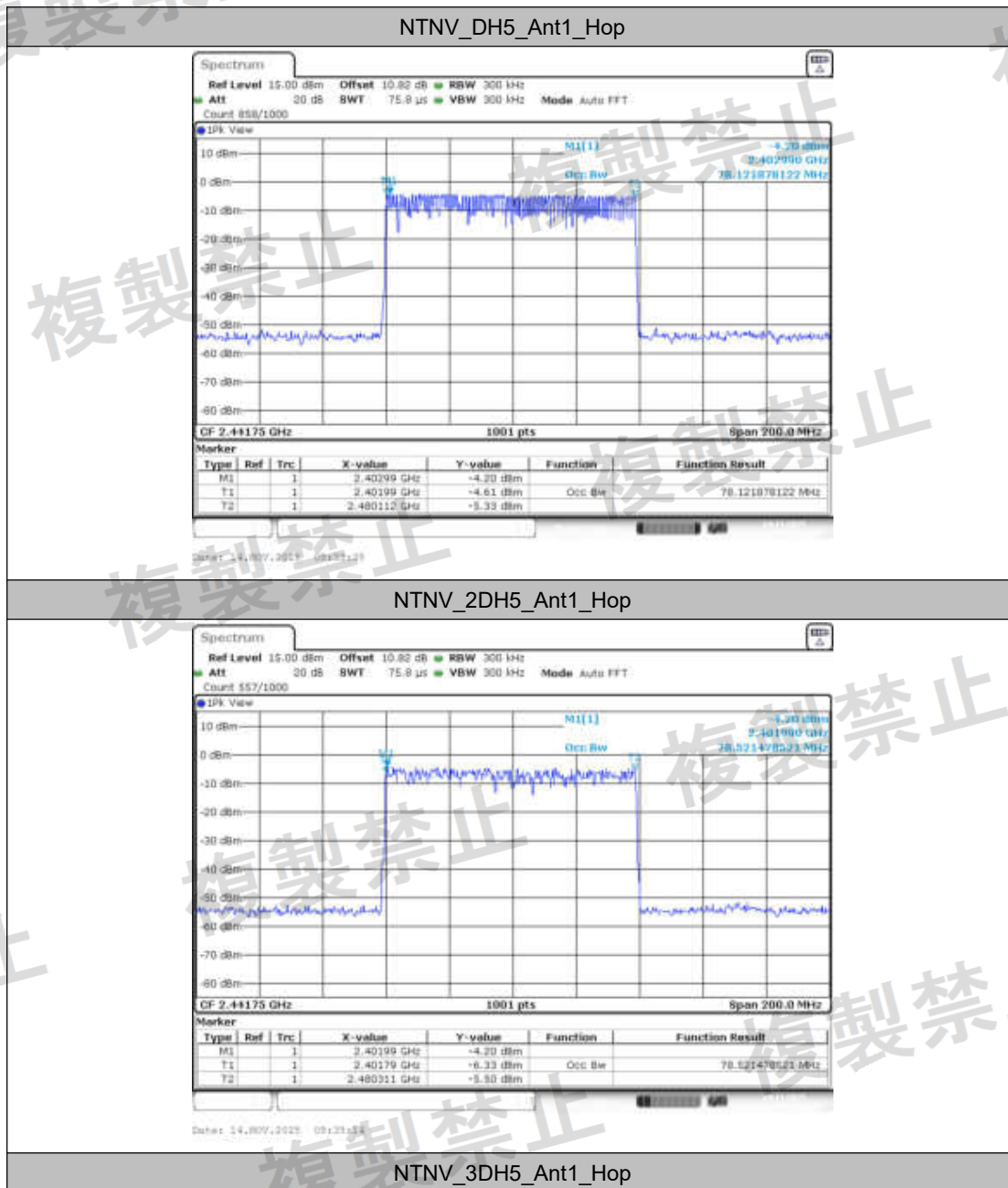


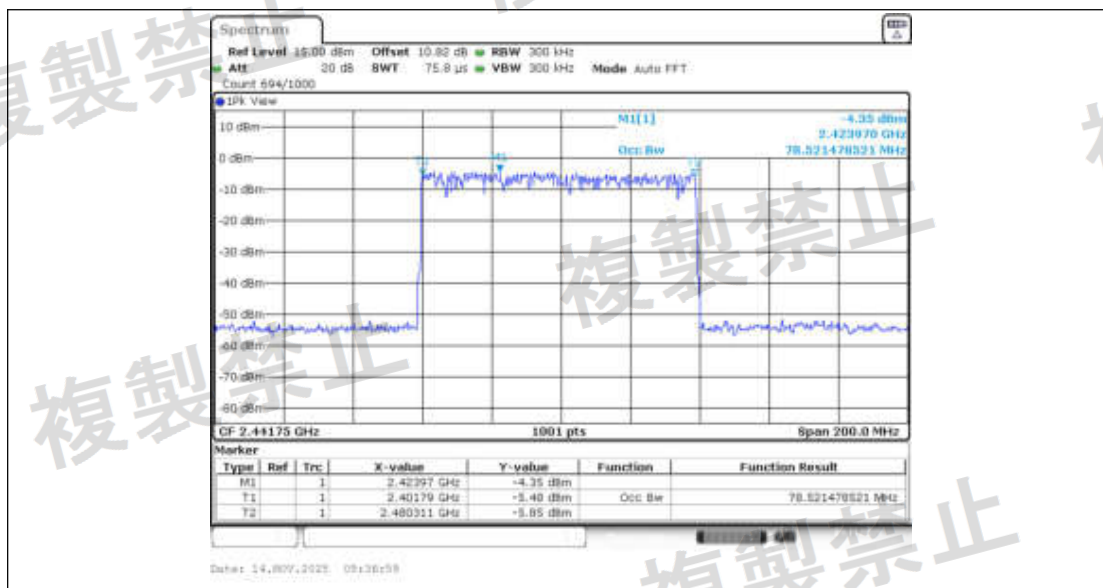
Appendix B: Occupied Bandwidth

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	78.521	≤83.5	PASS

Test Graphs



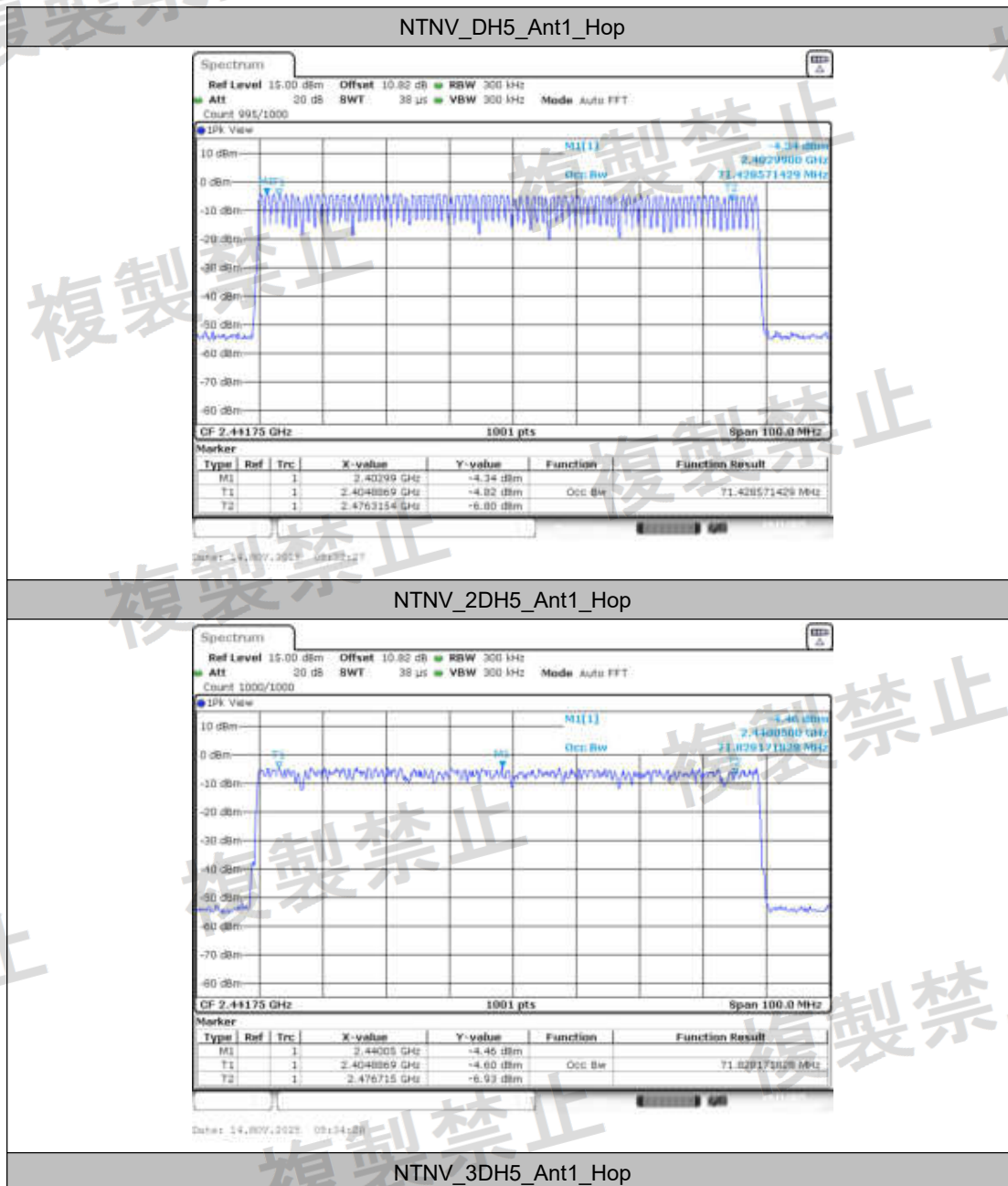


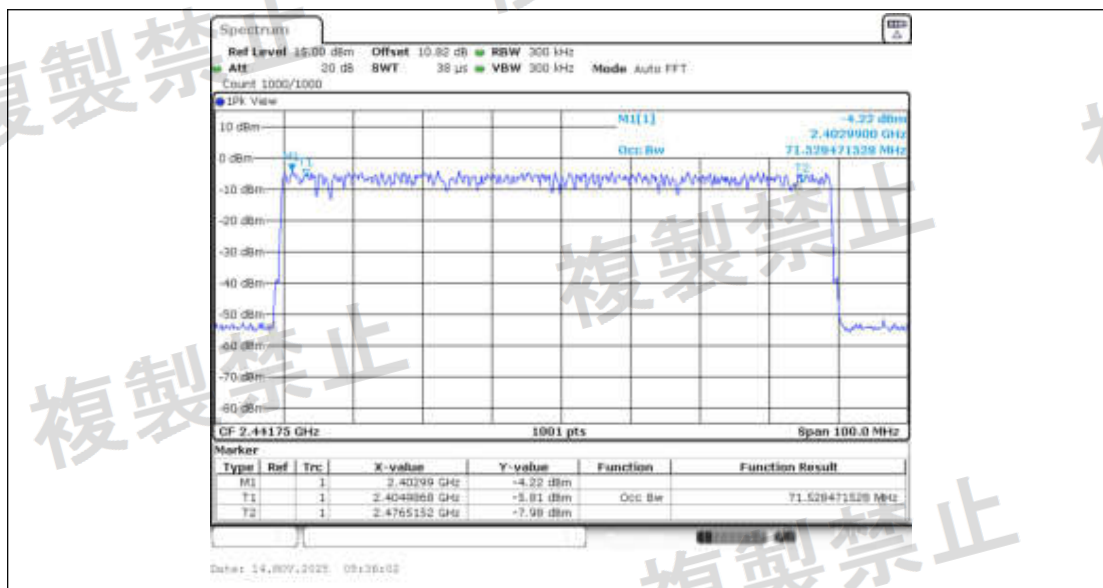
Appendix C: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.429	≥0.5	71.429	>5	PASS
	2DH5	Ant1	Hop	71.828	≥0.5	71.828	>5	PASS
	3DH5	Ant1	Hop	71.528	≥0.5	71.528	>5	PASS

Test Graphs





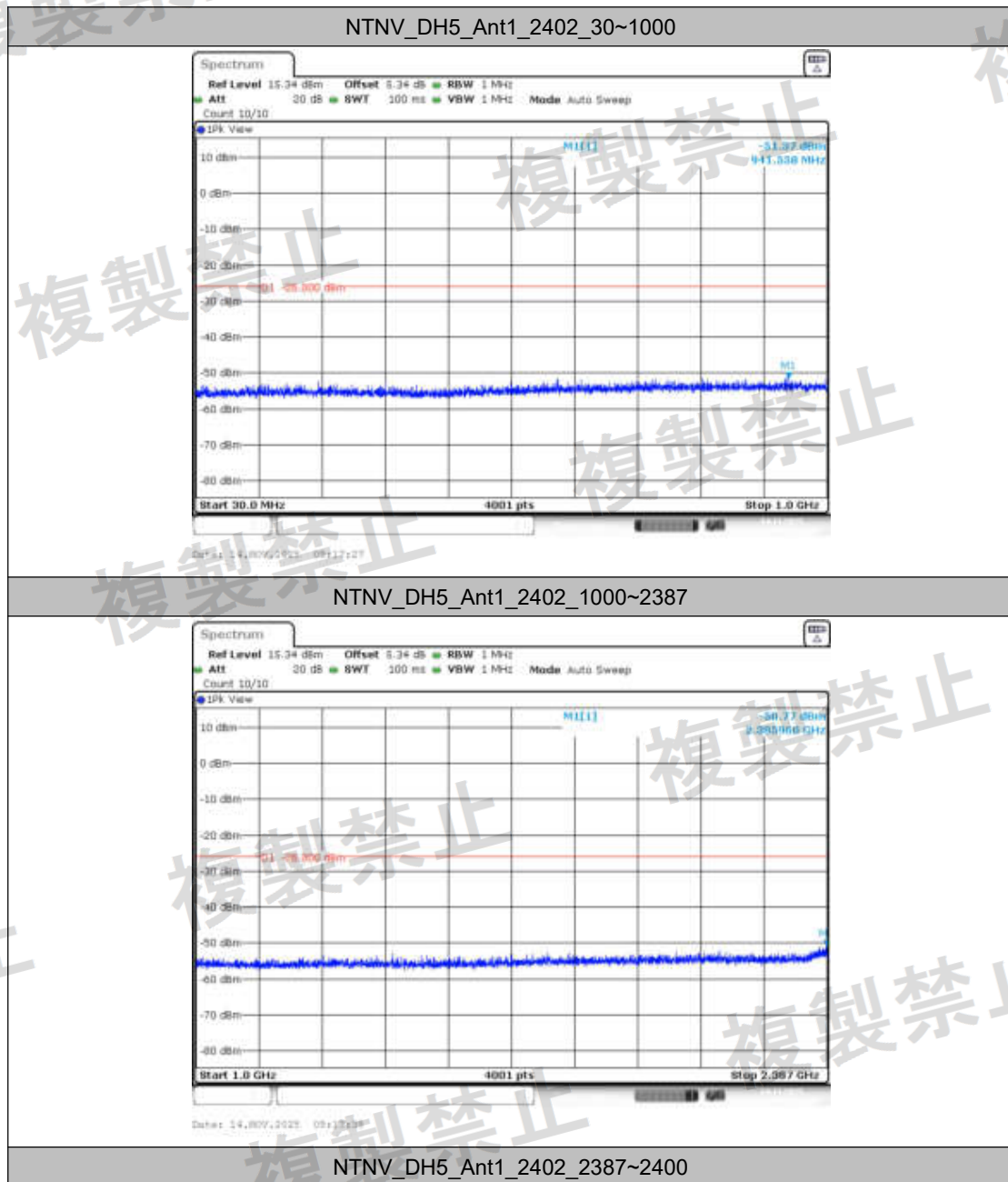
Appendix D: Spurious Emission of TX

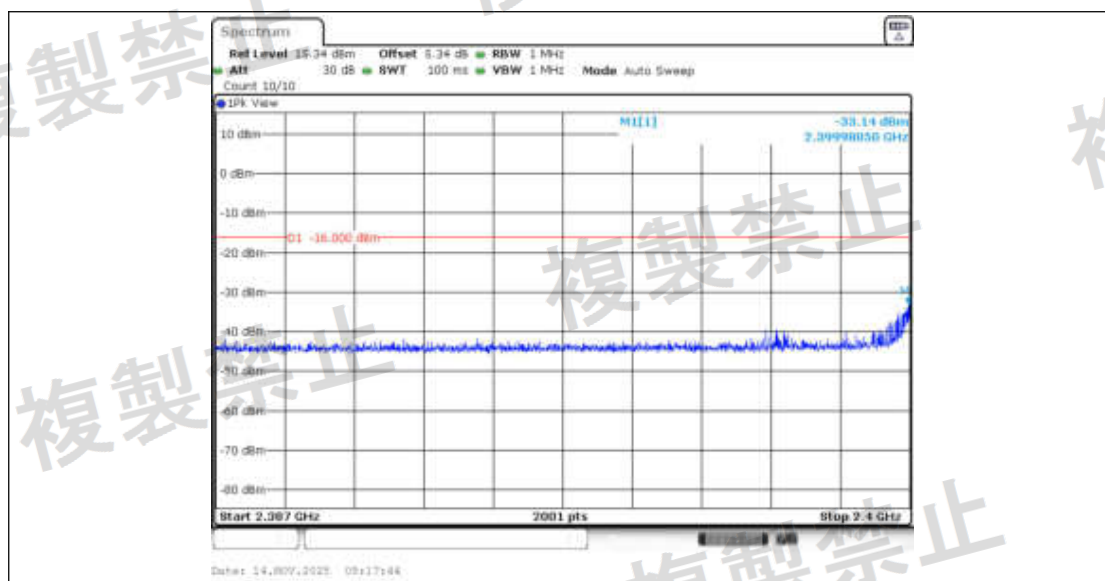
Test Result

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	941.56	-51.37	≤-26	0.00729	≤2.5	PASS
				1000~2387	2385.96	-50.77	≤-26	0.00838	≤2.5	PASS
				2387~2400	2399.98	-33.14	≤-16	0.48529	≤25	PASS
				2483.5~2496.5	2486.16	-41.21	≤-16	0.07568	≤25	PASS
				2496.5~13000	4804.12	-42.68	≤-26	0.05395	≤2.5	PASS
			2441	30~1000	929.92	-51.31	≤-26	0.00740	≤2.5	PASS
				1000~2387	2031.23	-52.14	≤-26	0.00611	≤2.5	PASS
				2387~2400	2398.65	-42.13	≤-16	0.06124	≤25	PASS
				2483.5~2496.5	2491.98	-41.42	≤-16	0.07211	≤25	PASS
				2496.5~13000	4881.84	-42.83	≤-26	0.05212	≤2.5	PASS
			2480	30~1000	829.52	-39.48	≤-26	0.11272	≤2.5	PASS
				1000~2387	2110.29	-51.73	≤-26	0.00671	≤2.5	PASS
				2387~2400	2399.06	-41.52	≤-16	0.07047	≤25	PASS
				2483.5~2496.5	2484.68	-40.56	≤-16	0.08790	≤25	PASS
				2496.5~13000	5223.21	-36.76	≤-26	0.21086	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	835.34	-50.87	≤-26	0.00818	≤2.5	PASS
				1000~2387	2371.74	-51.68	≤-26	0.00679	≤2.5	PASS
				2387~2400	2399.99	-30.16	≤-16	0.96383	≤25	PASS
				2483.5~2496.5	2494.02	-41.42	≤-16	0.07211	≤25	PASS
				2496.5~13000	5215.86	-42.00	≤-26	0.06310	≤2.5	PASS
			2441	30~1000	700.27	-51.11	≤-26	0.00774	≤2.5	PASS
				1000~2387	2037.82	-52.06	≤-26	0.00622	≤2.5	PASS
				2387~2400	2397.93	-41.70	≤-16	0.06761	≤25	PASS
				2483.5~2496.5	2491.28	-41.48	≤-16	0.07112	≤25	PASS
				2496.5~13000	5215.33	-40.89	≤-26	0.08147	≤2.5	PASS
			2480	30~1000	740.77	-50.84	≤-26	0.00824	≤2.5	PASS
				1000~2387	2128.67	-52.15	≤-26	0.00610	≤2.5	PASS
				2387~2400	2389.13	-42.08	≤-16	0.06194	≤25	PASS
				2483.5~2496.5	2484.29	-41.20	≤-16	0.07586	≤25	PASS
				2496.5~13000	4960.10	-46.62	≤-26	0.02178	≤2.5	PASS
	3DH5	Ant1	2402	30~1000	913.19	-51.53	≤-26	0.00703	≤2.5	PASS
				1000~2387	2369.32	-50.97	≤-26	0.00800	≤2.5	PASS
				2387~2400	2400.00	-30.18	≤-16	0.95940	≤25	PASS
				2483.5~2496.5	2492.53	-41.67	≤-16	0.06808	≤25	PASS
				2496.5~13000	5214.28	-44.35	≤-26	0.03673	≤2.5	PASS
			2441	30~1000	719.91	-50.88	≤-26	0.00817	≤2.5	PASS
				1000~2387	2072.50	-51.98	≤-26	0.00634	≤2.5	PASS

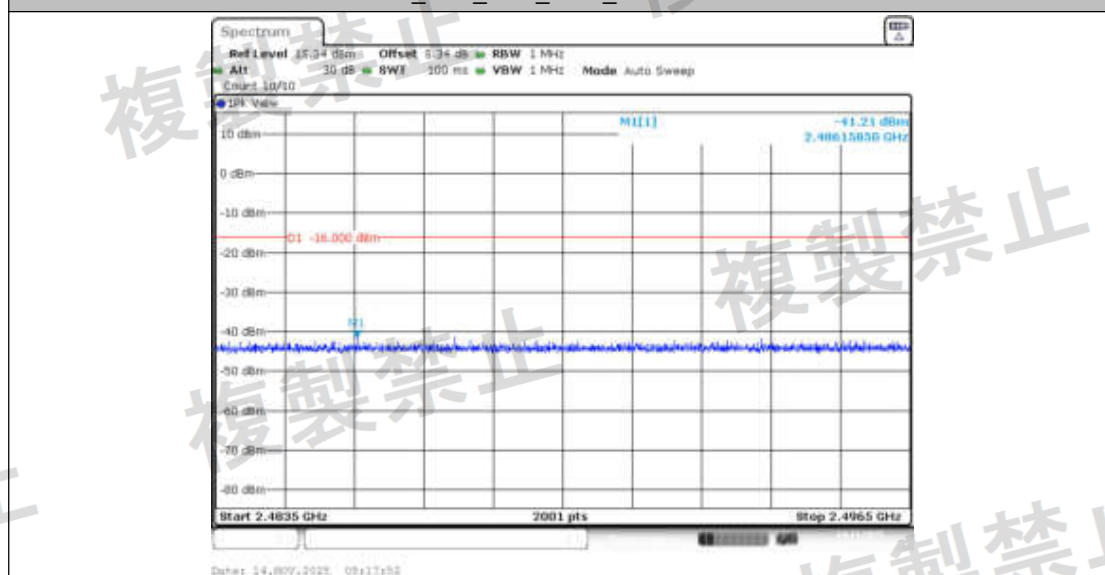
			2387~2400	2390.81	-41.62	≤-16	0.06887	≤25	PASS
			2483.5~2496.5	2489.97	-41.73	≤-16	0.06714	≤25	PASS
			2496.5~13000	5217.96	-43.76	≤-26	0.04207	≤2.5	PASS
		2480	30~1000	962.90	-50.77	≤-26	0.00838	≤2.5	PASS
			1000~2387	1974.71	-51.91	≤-26	0.00644	≤2.5	PASS
			2387~2400	2399.99	-41.84	≤-16	0.06546	≤25	PASS
			2483.5~2496.5	2483.75	-41.71	≤-16	0.06745	≤25	PASS
			2496.5~13000	4960.10	-46.26	≤-26	0.02366	≤2.5	PASS

Test Graphs

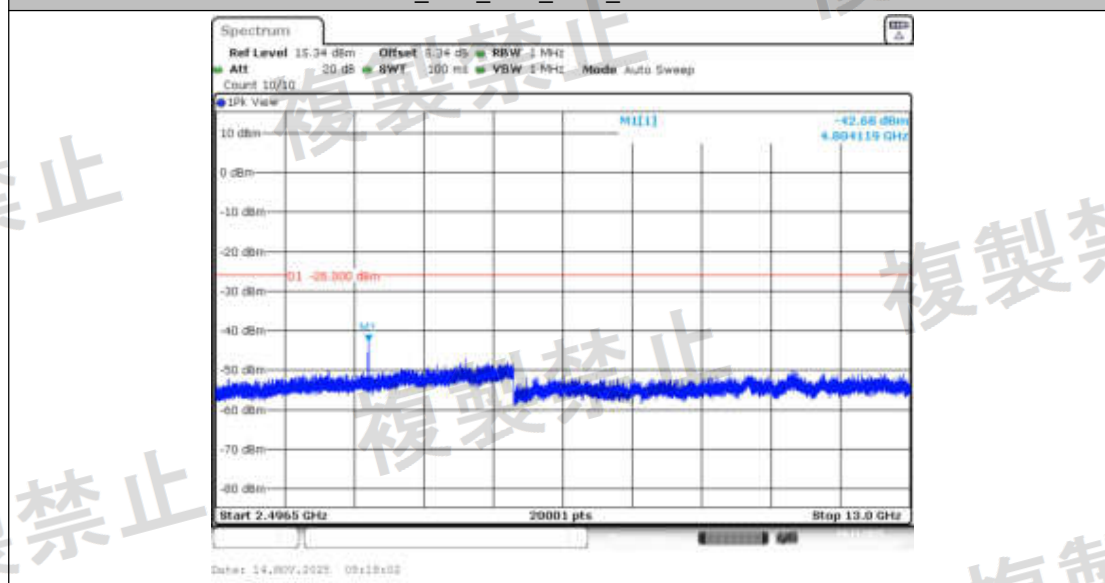


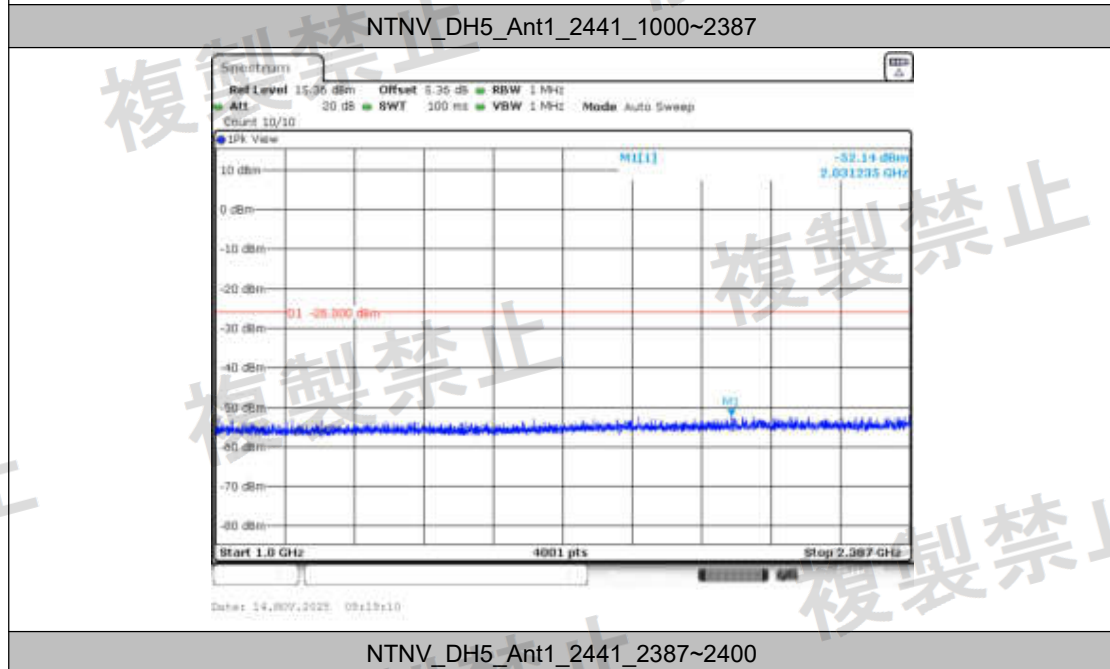
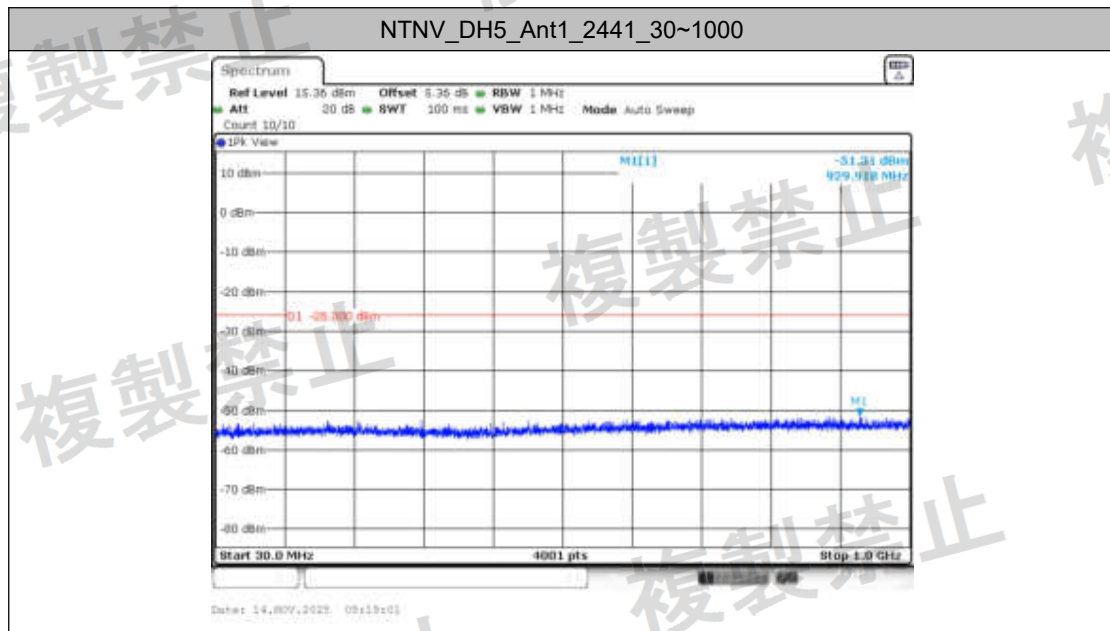


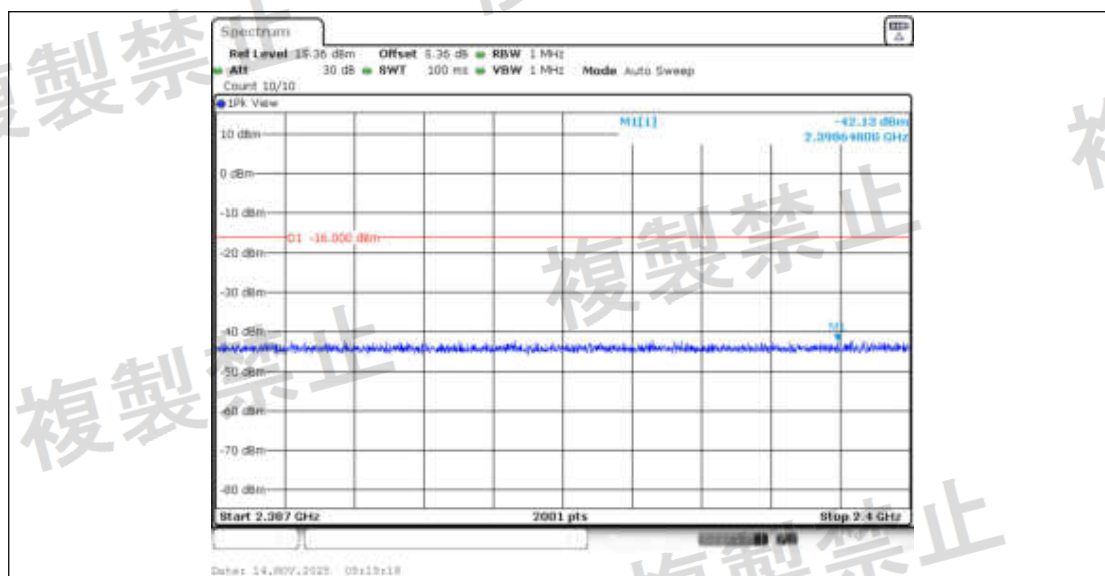
NTVN_DH5_Ant1_2402_2483.5~2496.5



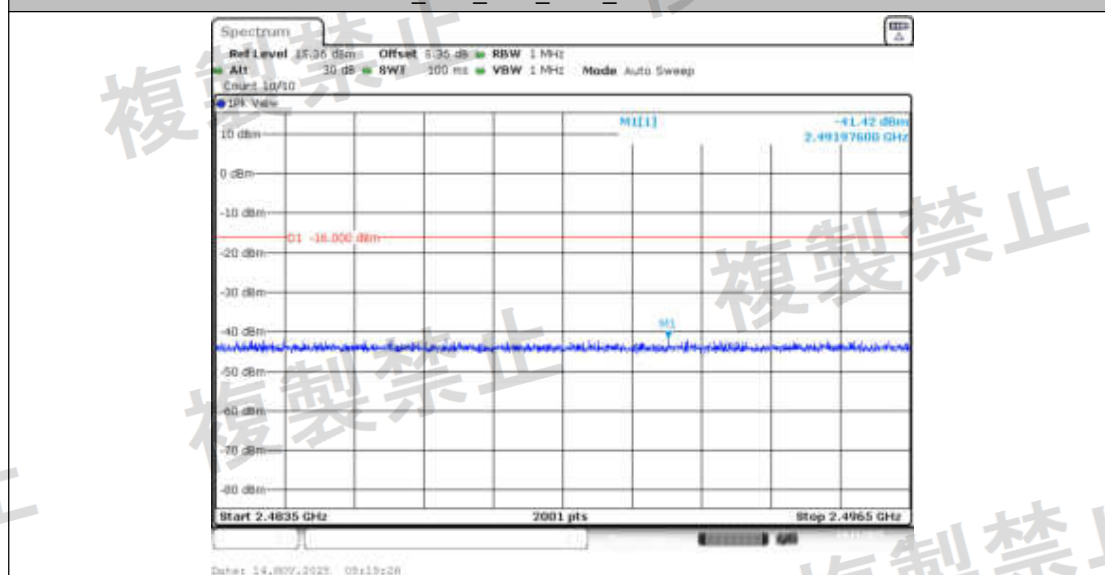
NTVN_DH5_Ant1_2402_2496.5~13000



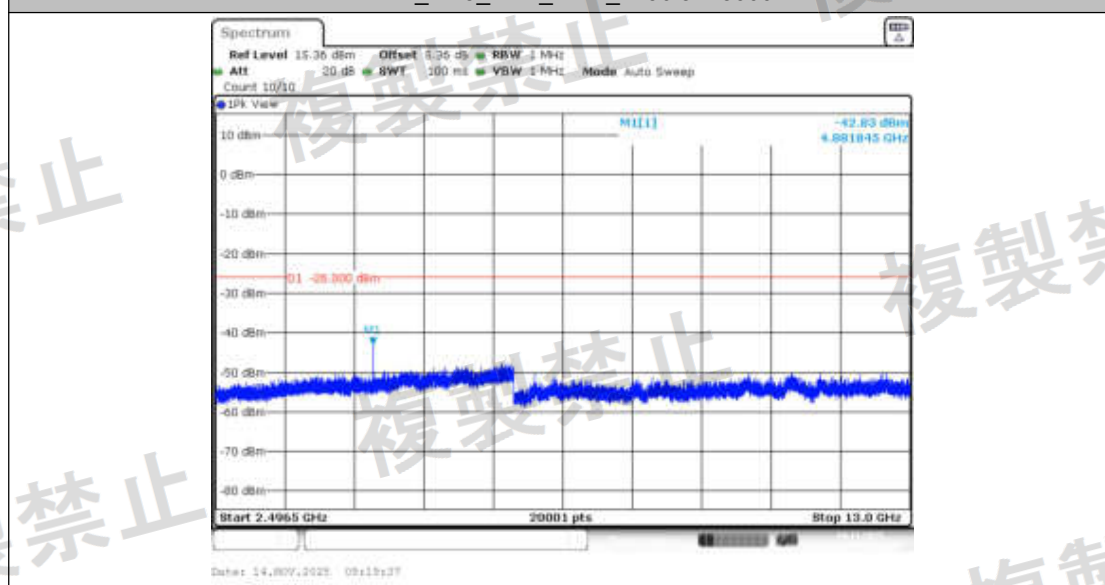


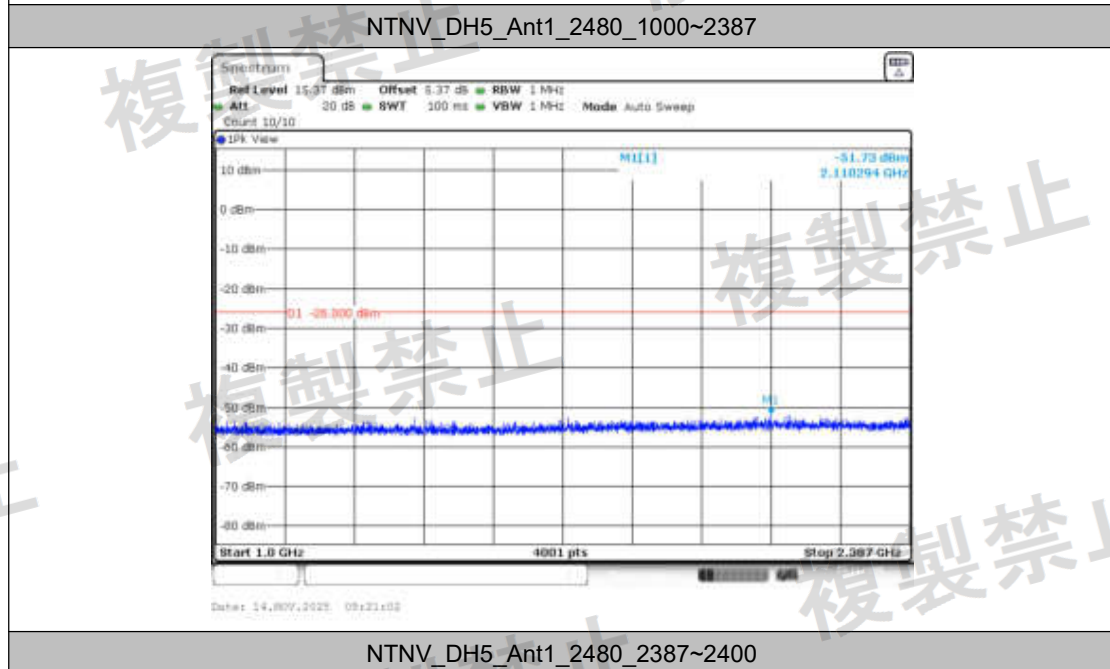
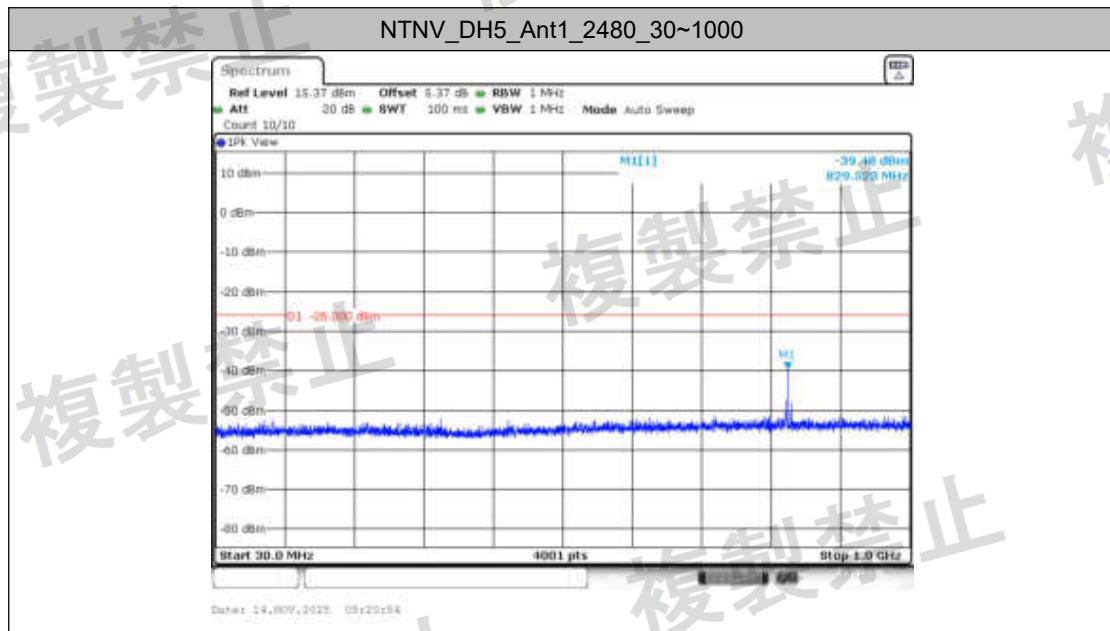


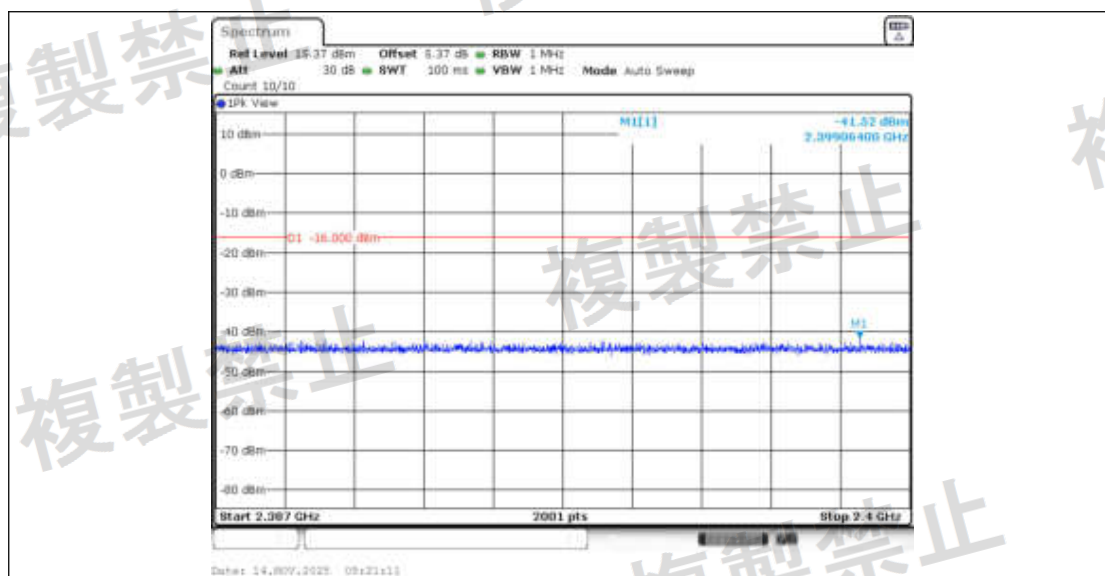
NTNV_DH5_Ant1_2441_2483.5~2496.5



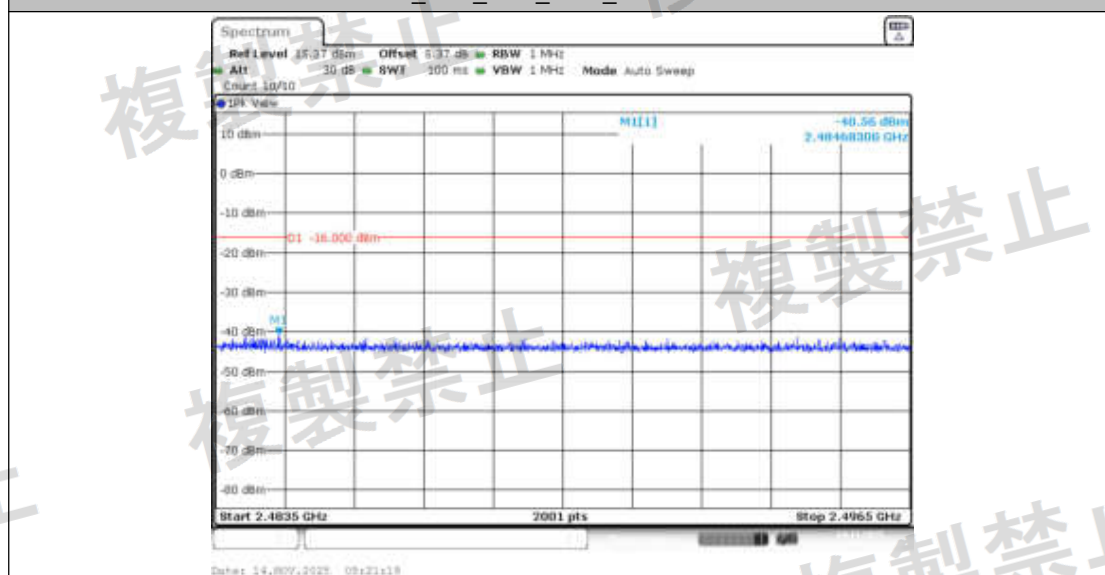
NTNV_DH5_Ant1_2441_2496.5~13000



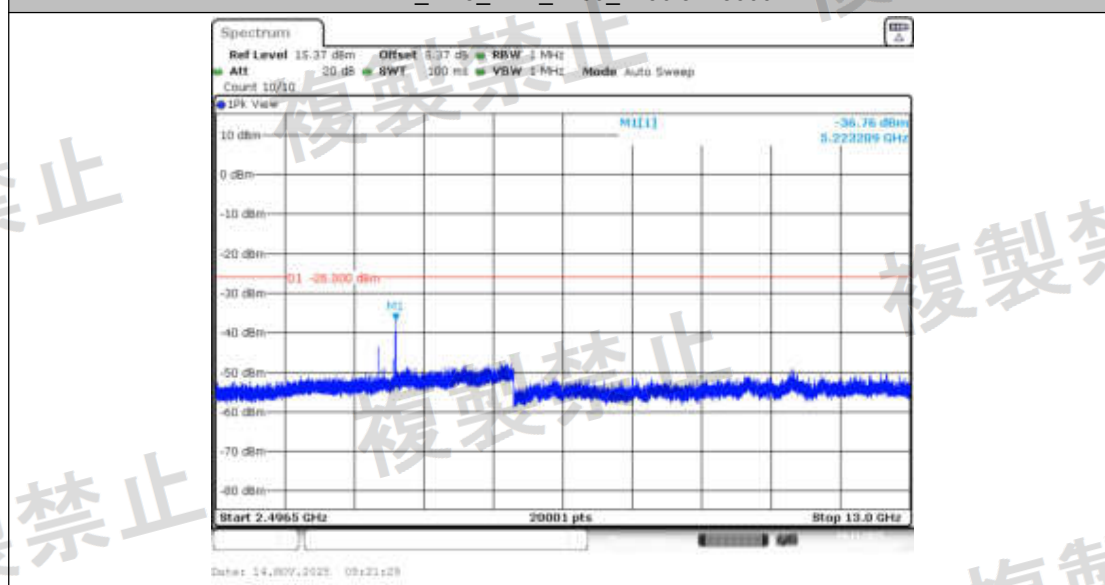


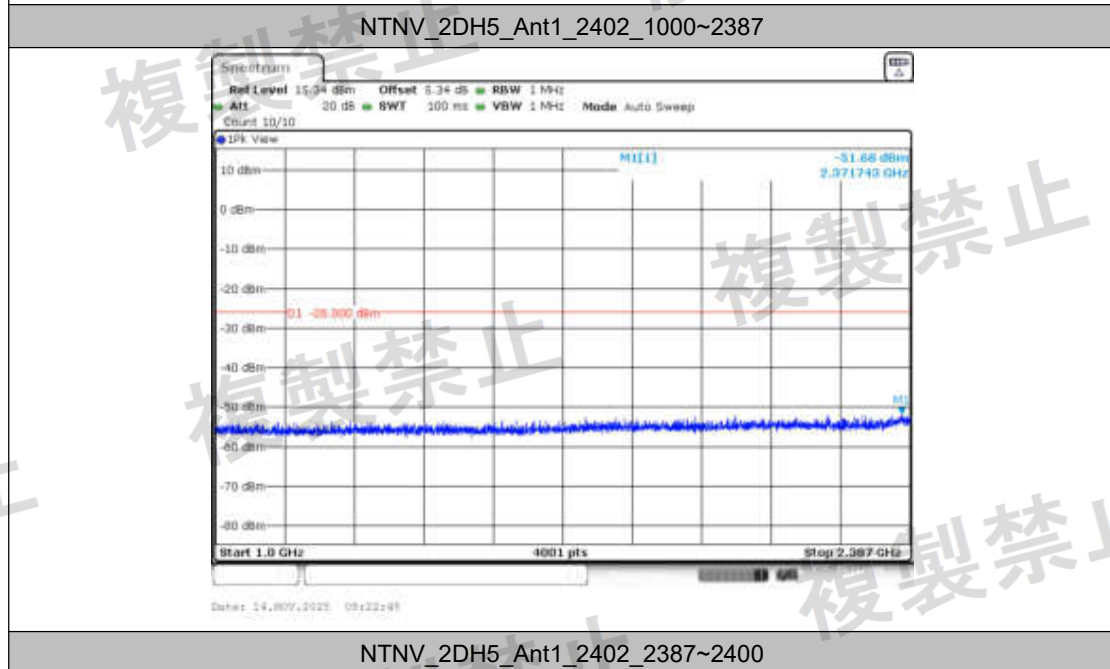
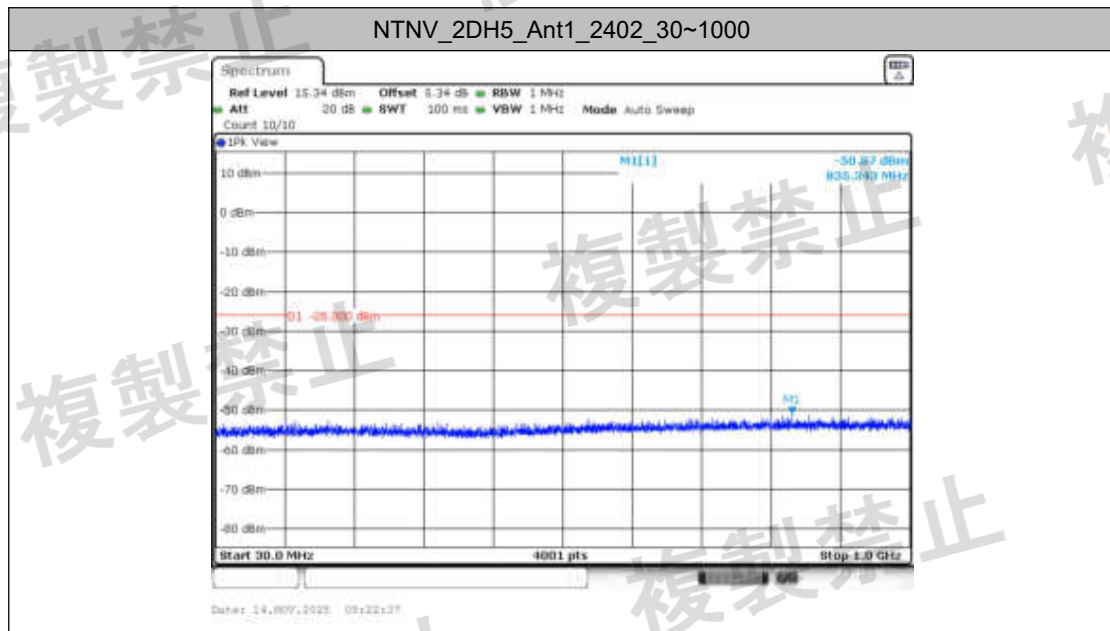


NTNV_DH5_Ant1_2480_2483.5~2496.5

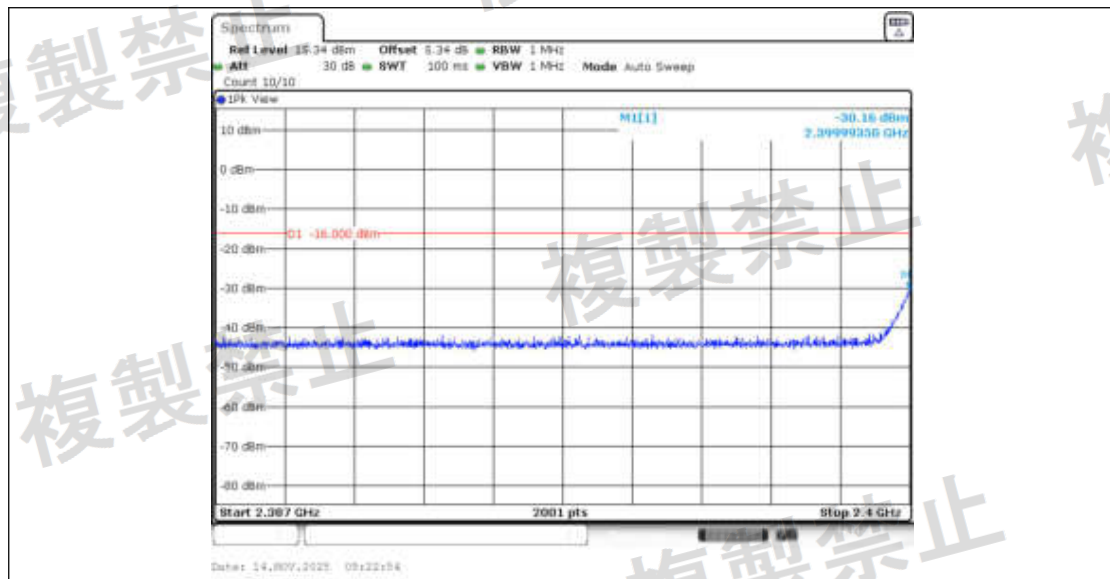


NTNV_DH5_Ant1_2480_2496.5~13000

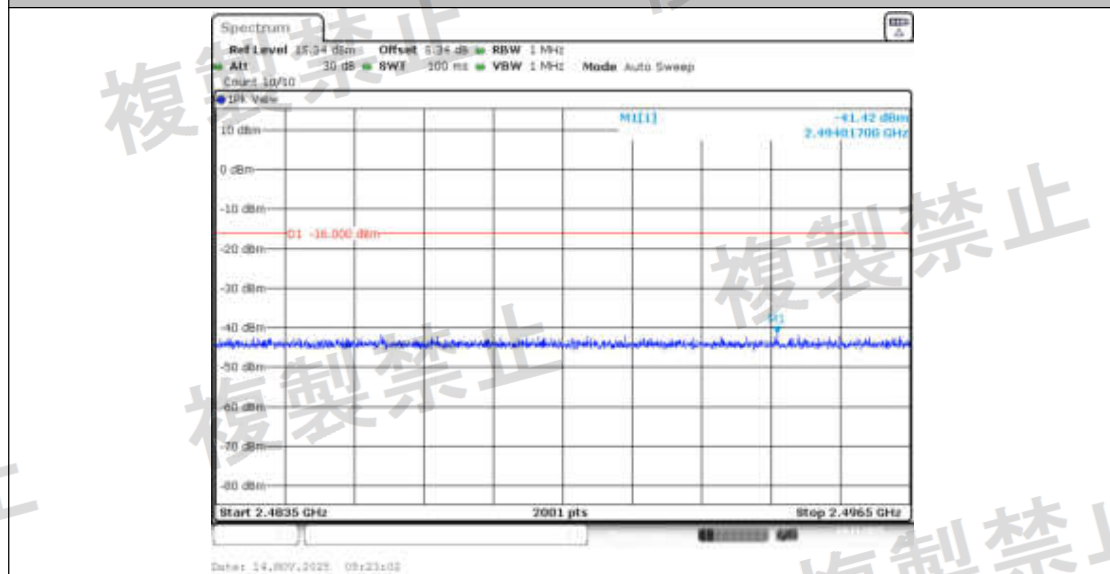




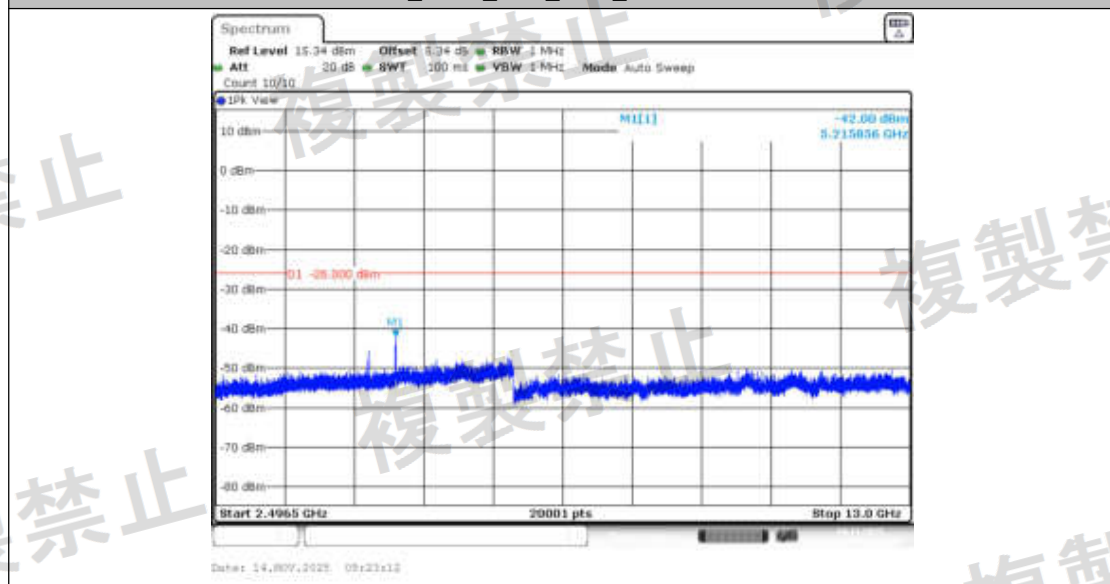
NTNV_2DH5_Ant1_2402_2387~2400

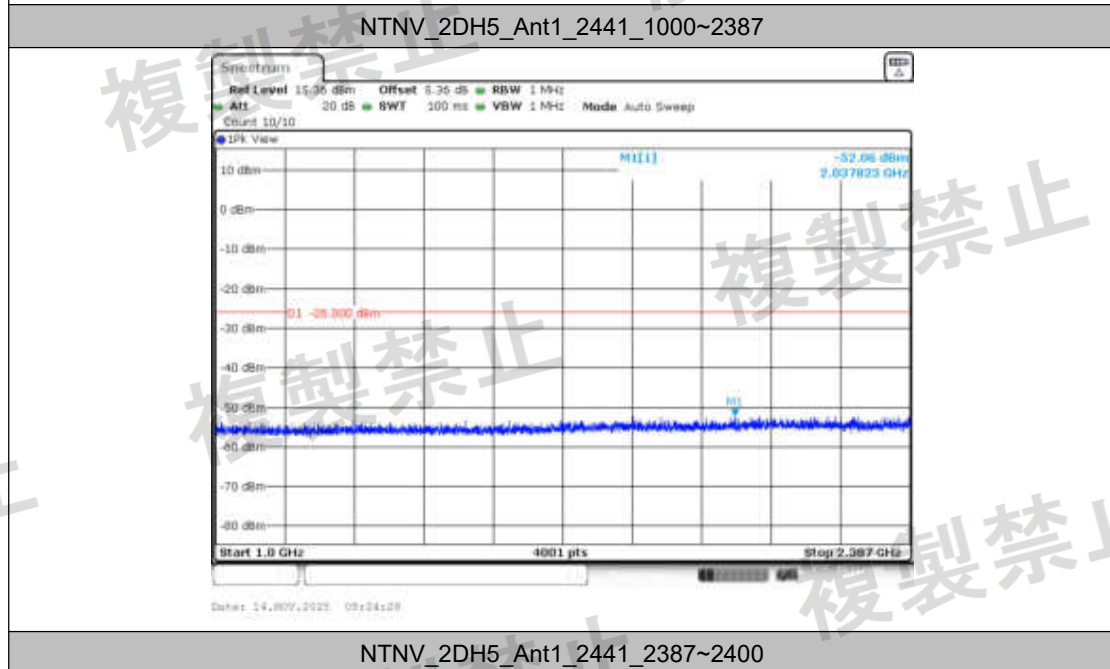
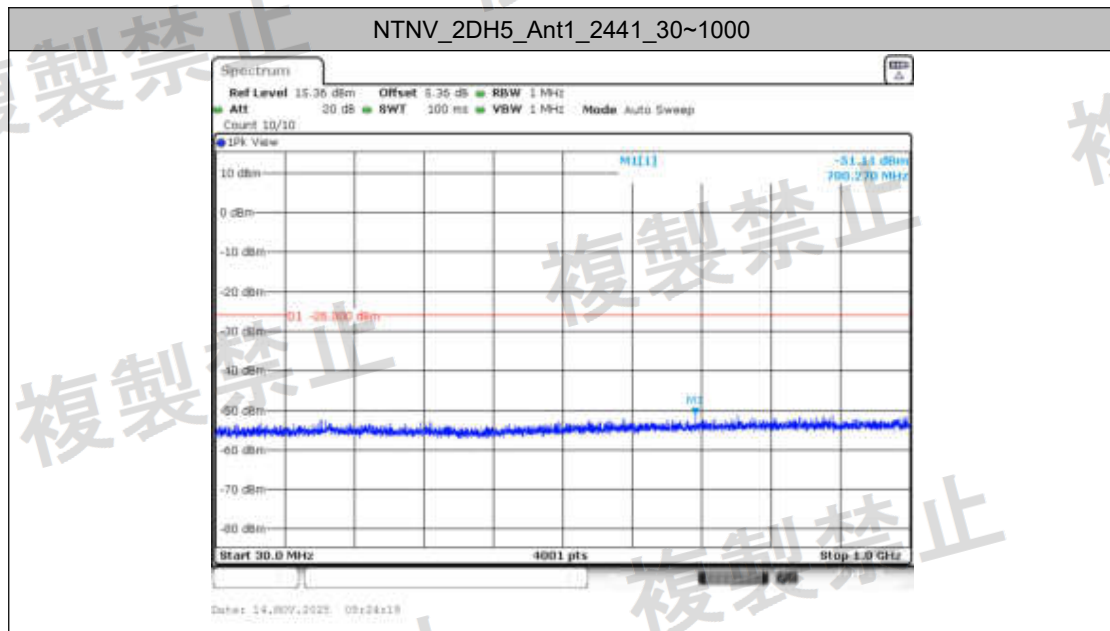


NTVN_2DH5_Ant1_2402_2483.5~2496.5

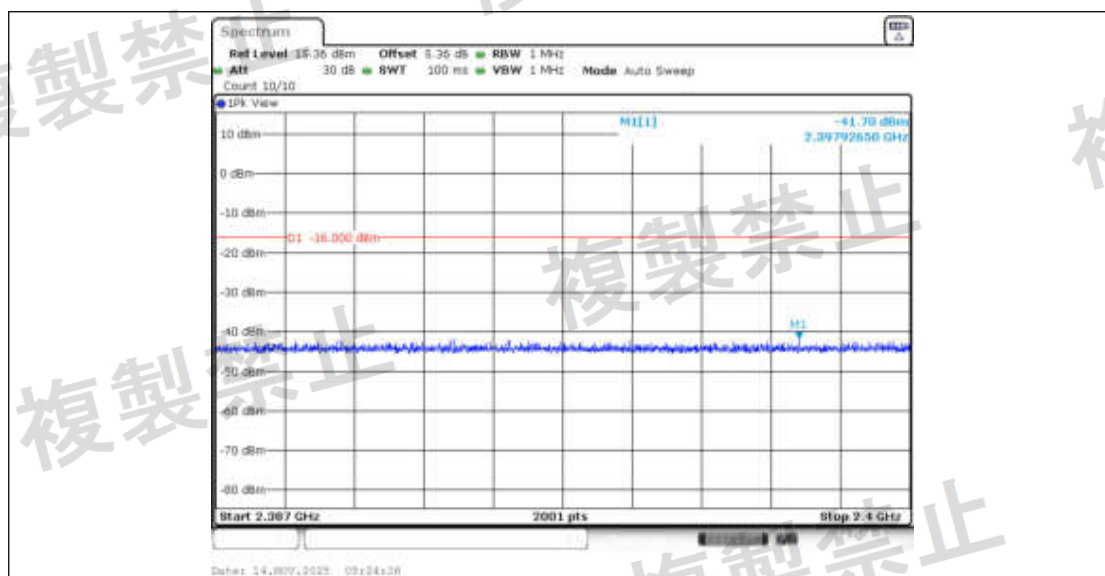


NTVN_2DH5_Ant1_2402_2496.5~13000

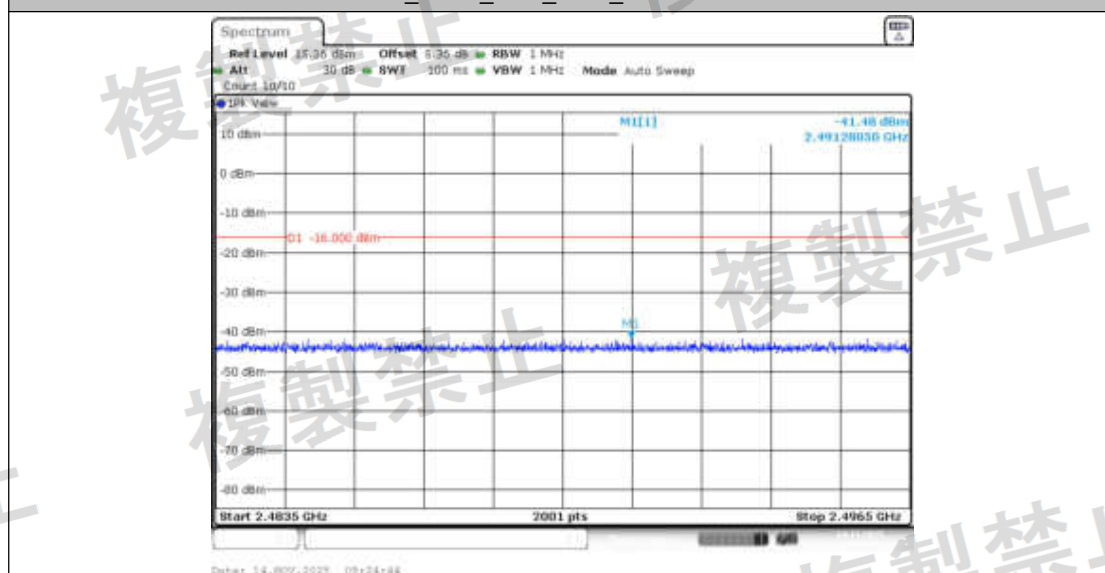




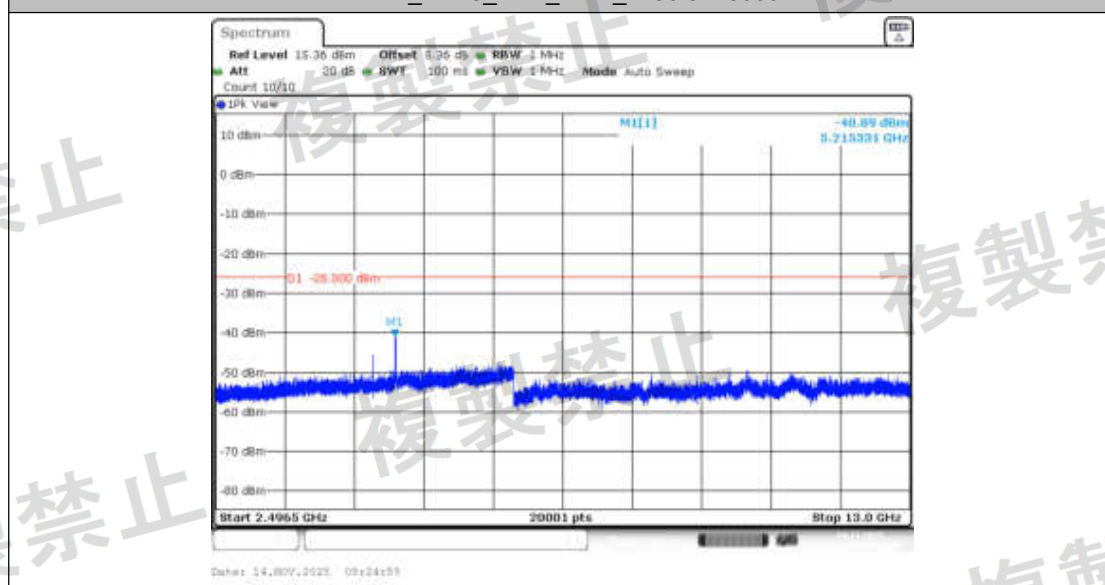
NTNV_2DH5_Ant1_2441_2387~2400

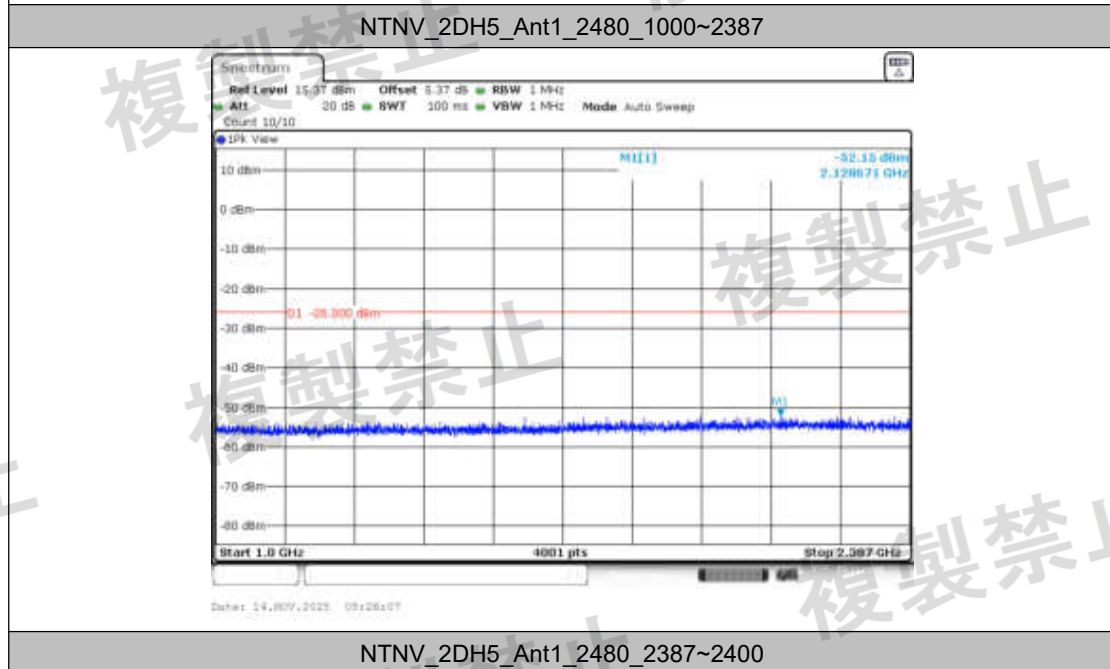
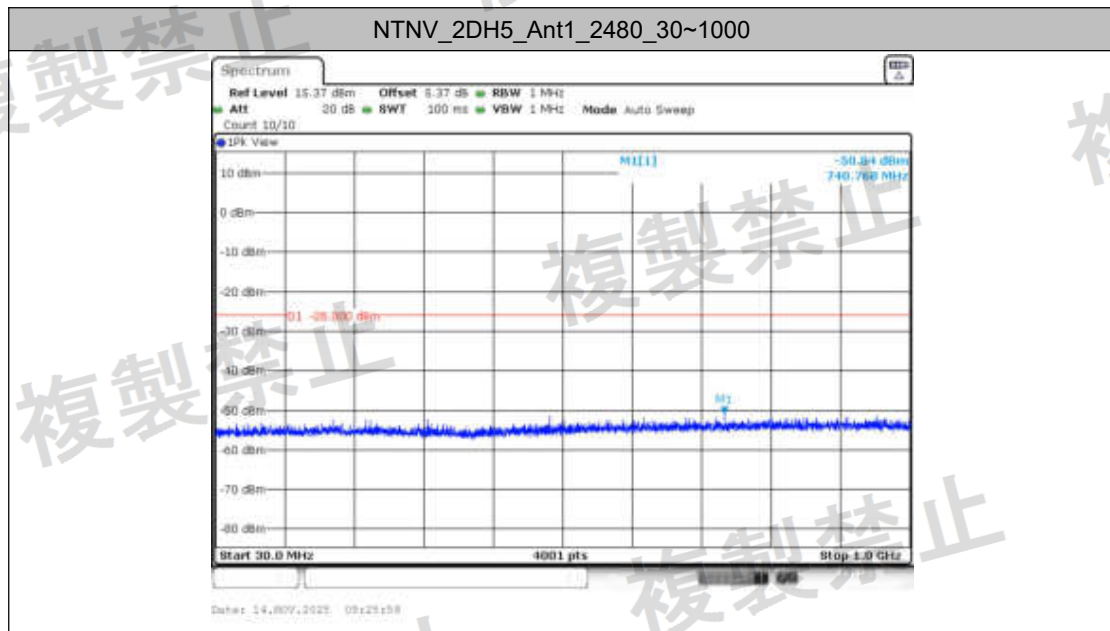


NTNV_2DH5_Ant1_2441_2483.5~2496.5

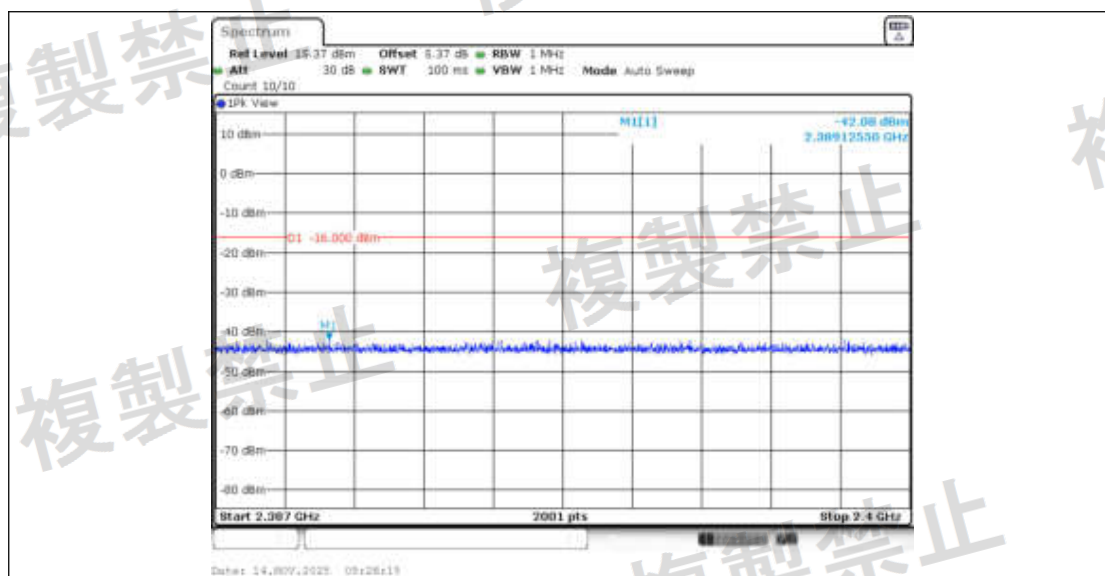


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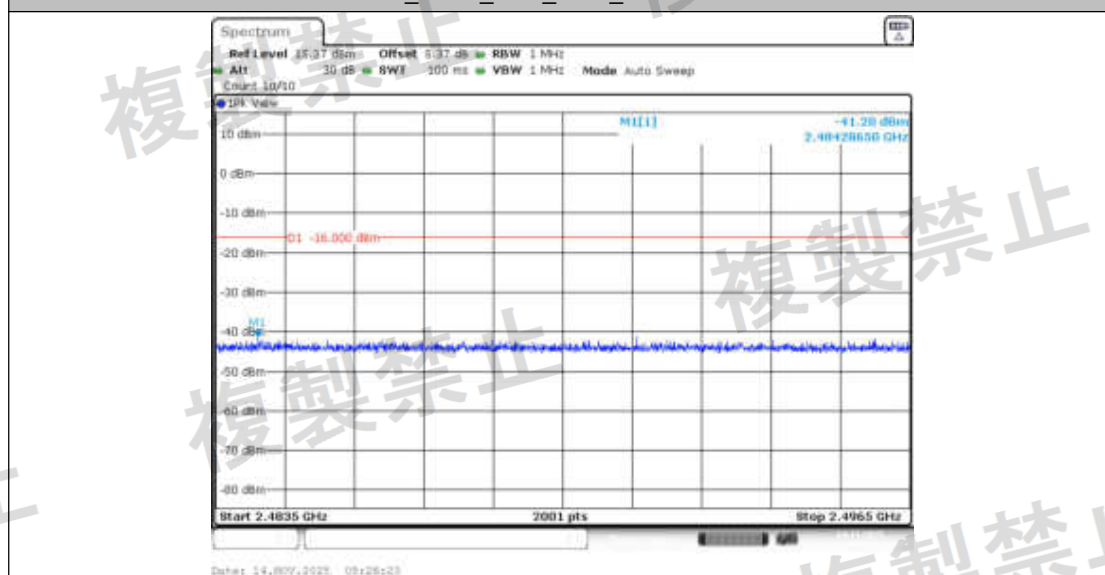




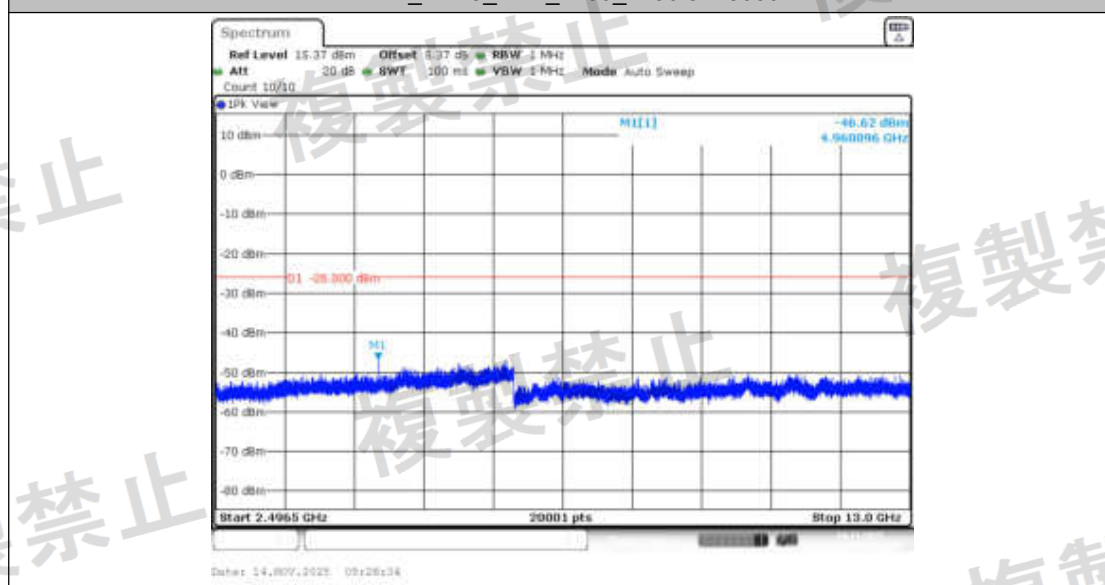
NTNV_2DH5_Ant1_2480_2387~2400

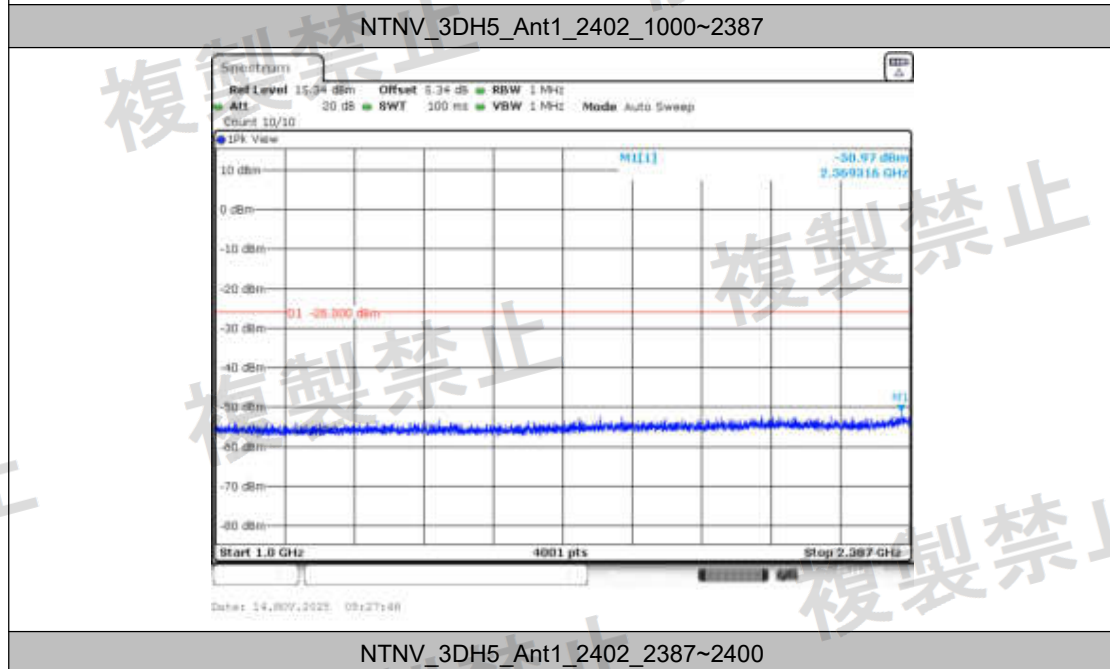
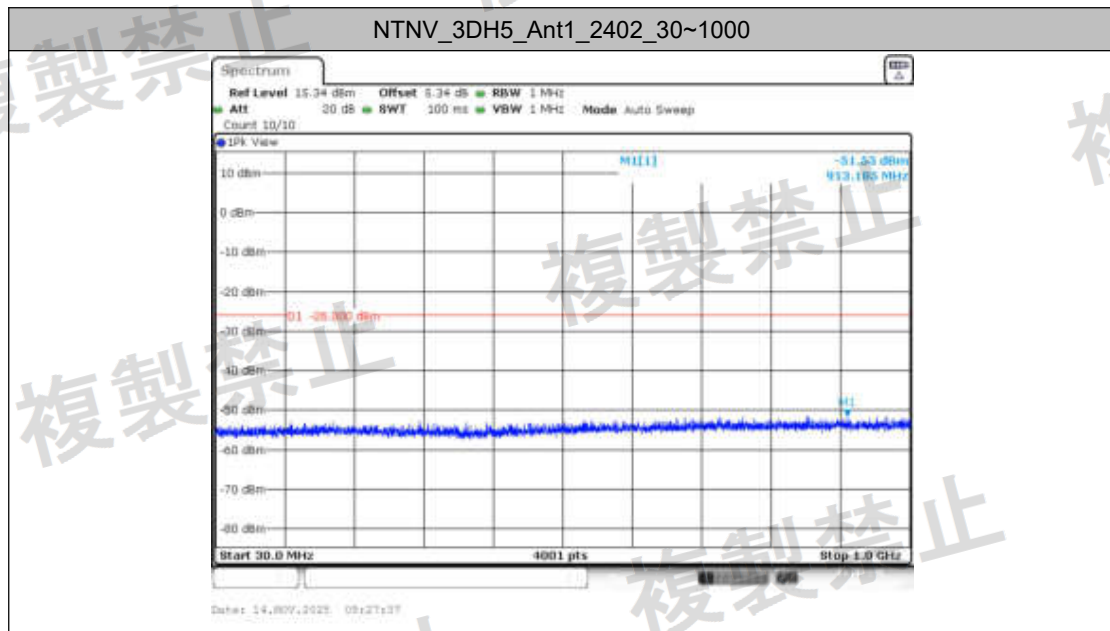


NTNV_2DH5_Ant1_2480_2483.5~2496.5

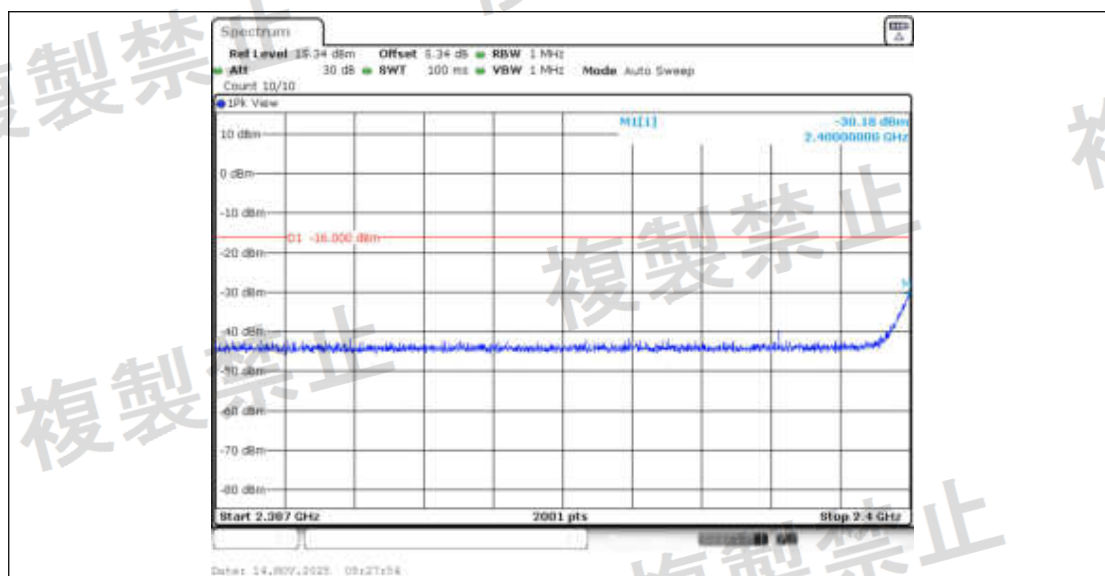


NTNV_2DH5_Ant1_2480_2496.5~13000

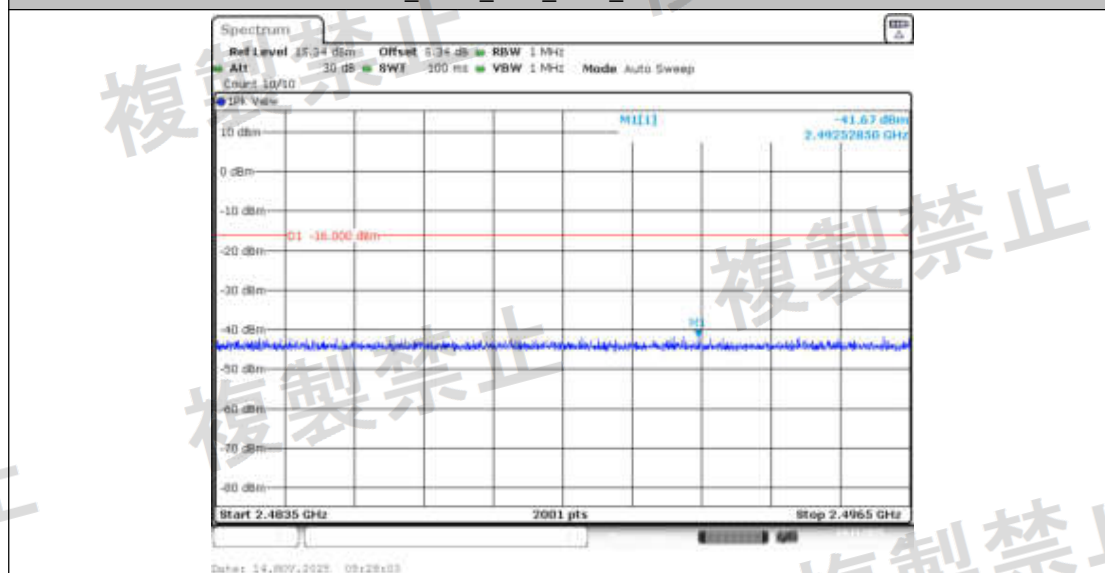




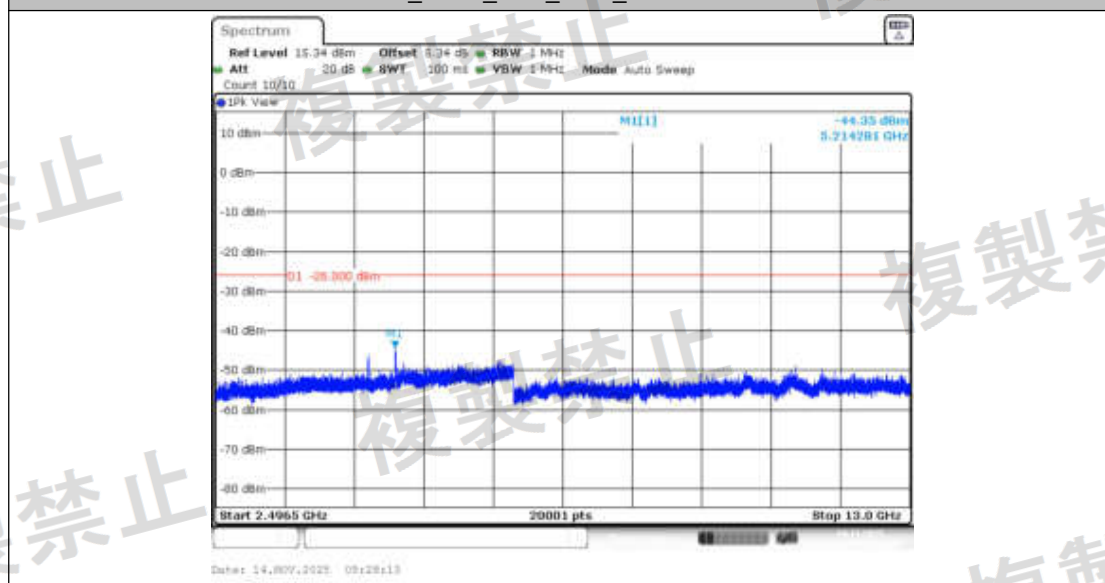
NTNV_3DH5_Ant1_2402_2387~2400

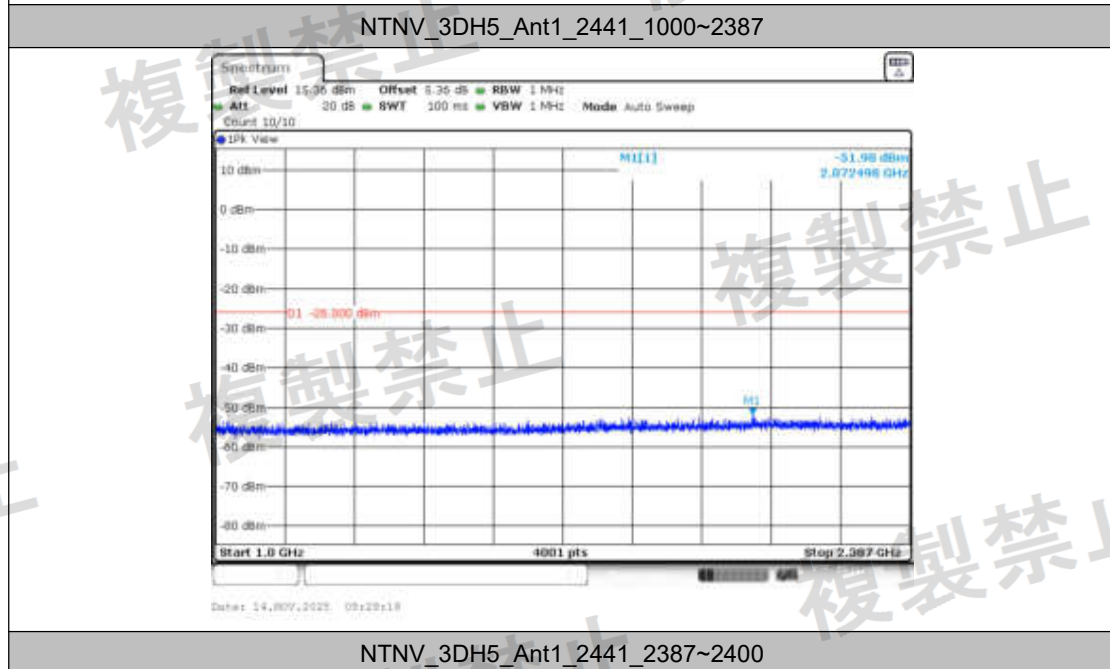
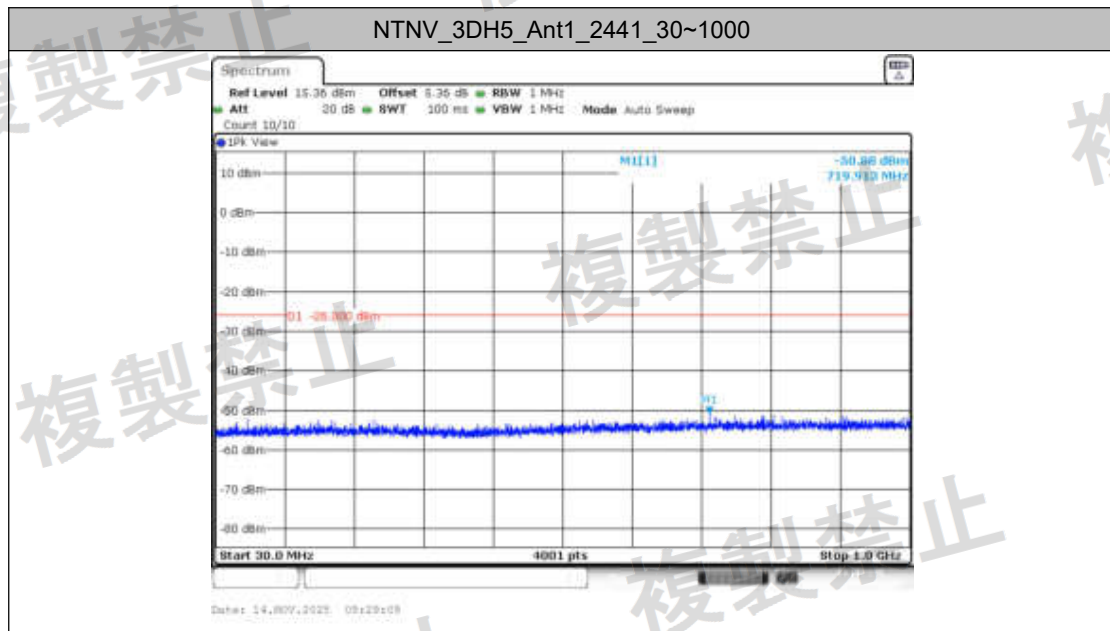


NTNV_3DH5_Ant1_2402_2483.5~2496.5

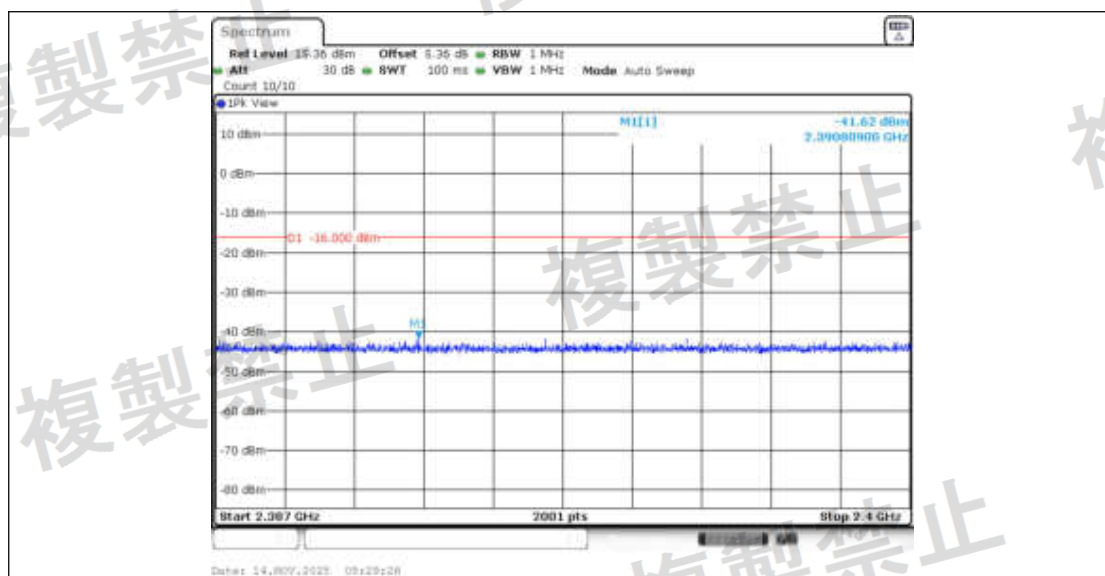


NTNV_3DH5_Ant1_2402_2496.5~13000

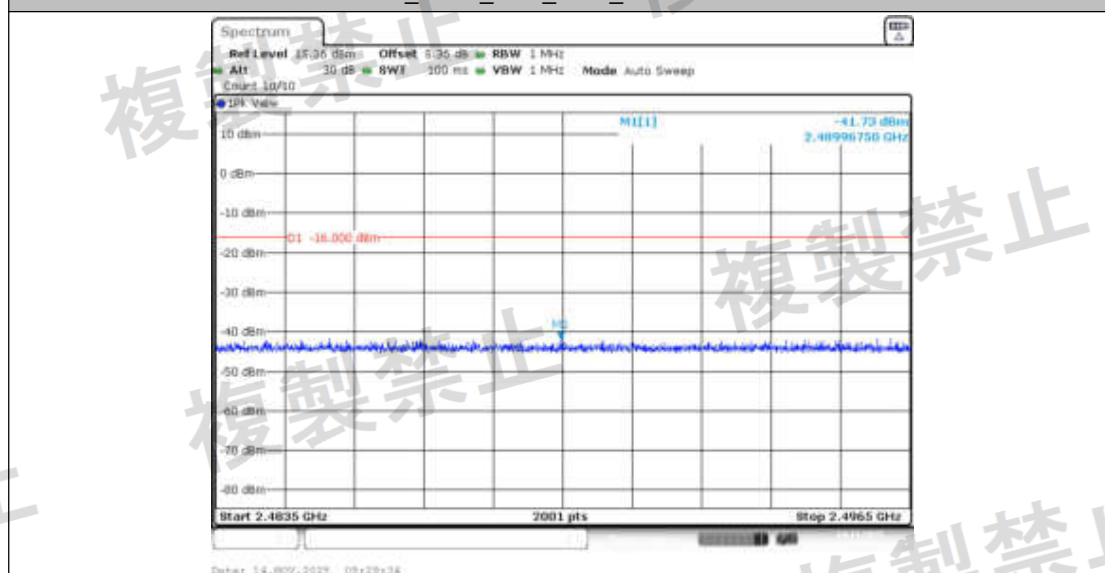




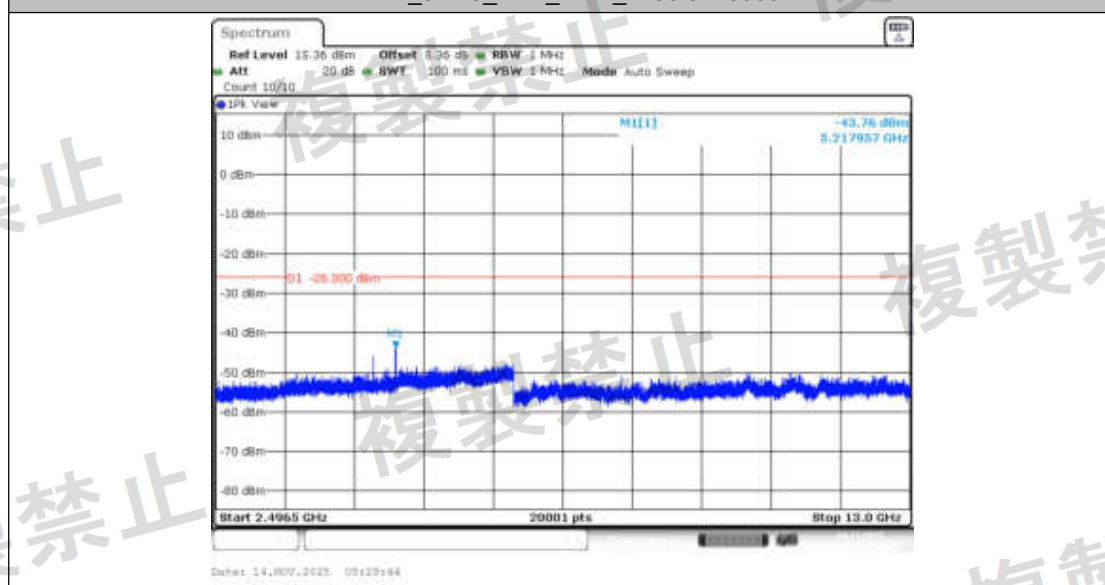
NTNV_3DH5_Ant1_2441_2387~2400

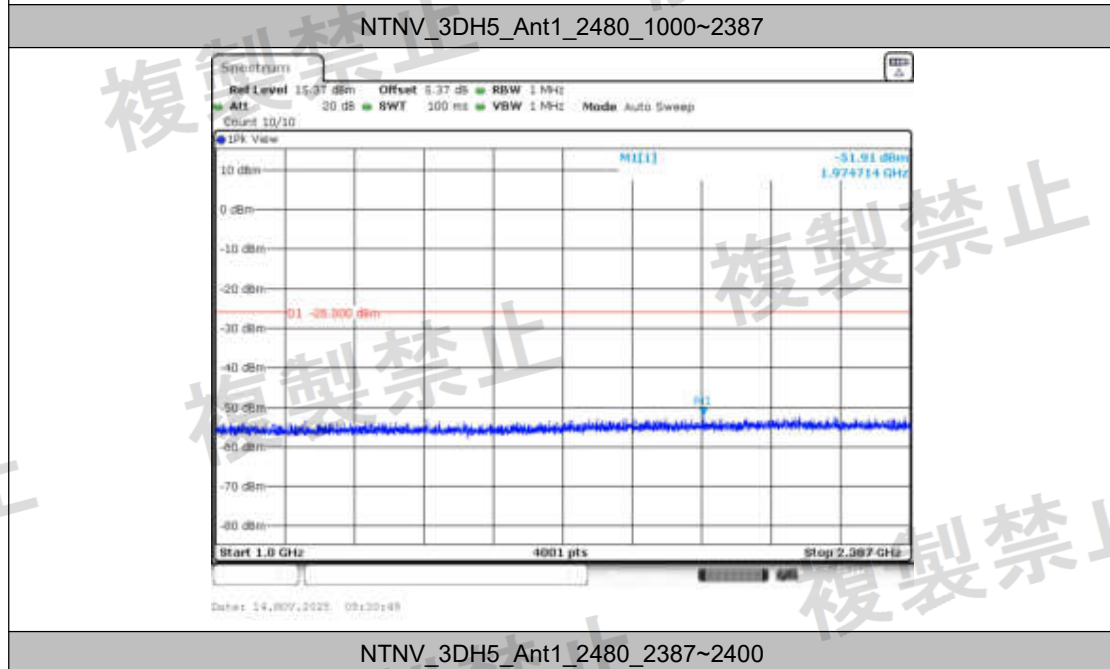
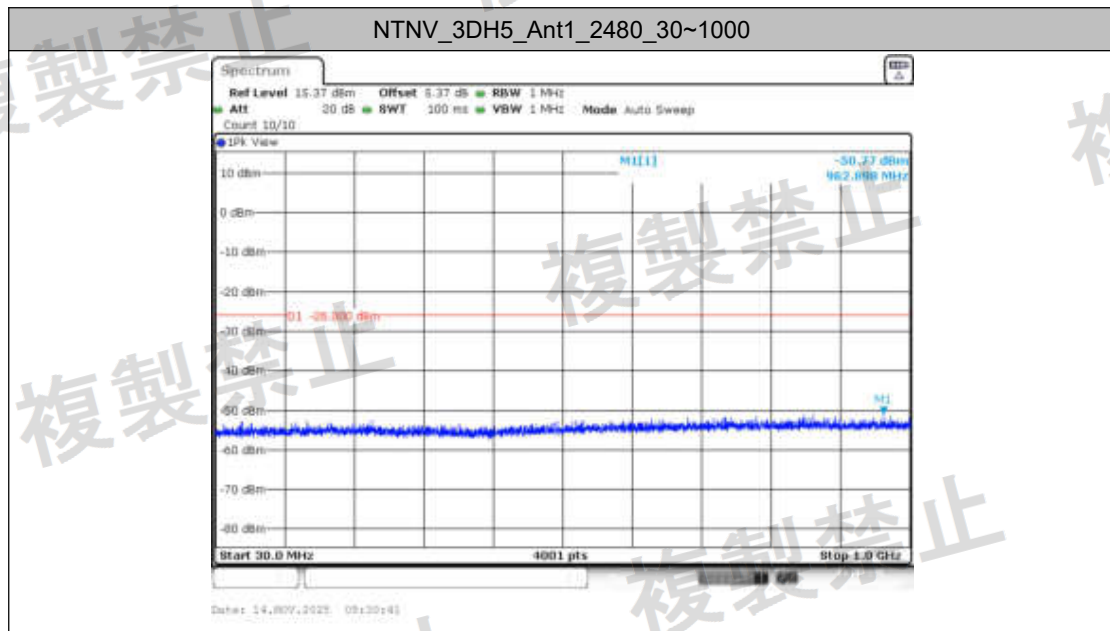


NTNV_3DH5_Ant1_2441_2483.5~2496.5

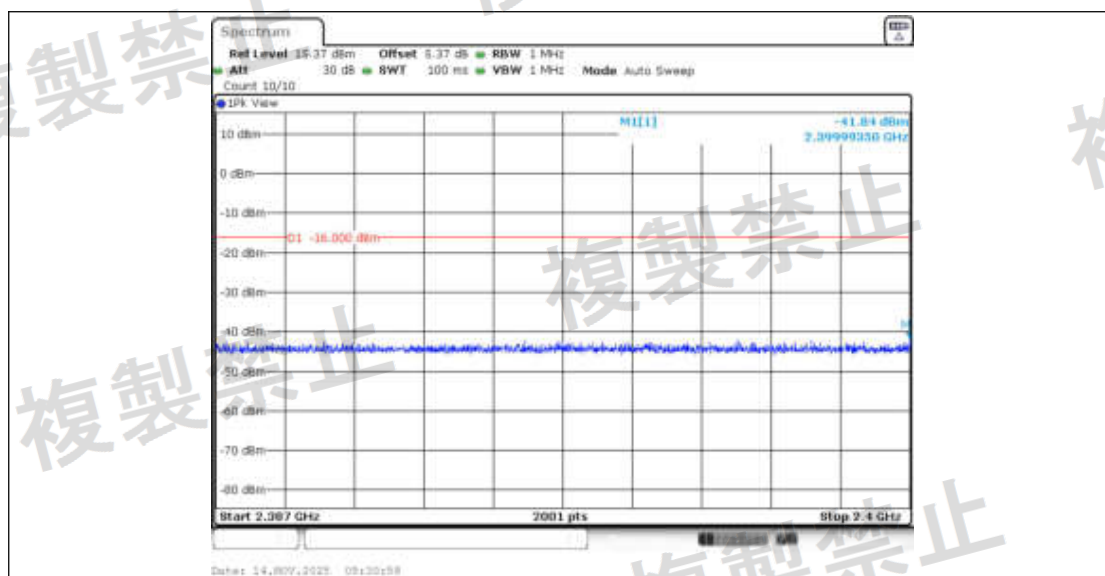


NTNV_3DH5_Ant1_2441_2496.5~13000

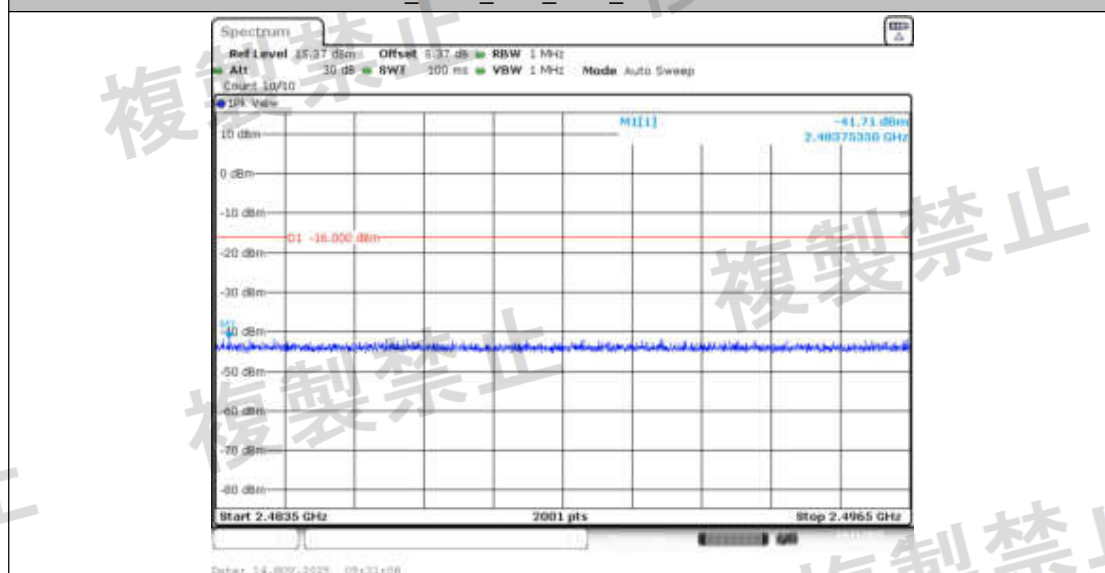




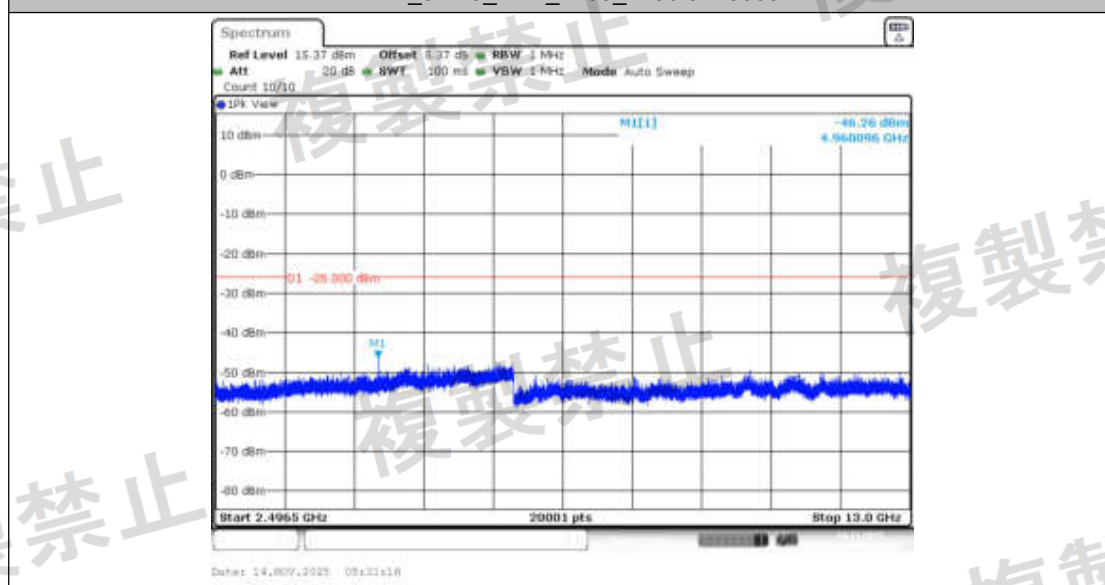
NTNV_3DH5_Ant1_2480_2387~2400



NTNV_3DH5_Ant1_2480_2483.5~2496.5



NTNV_3DH5_Ant1_2480_2496.5~13000

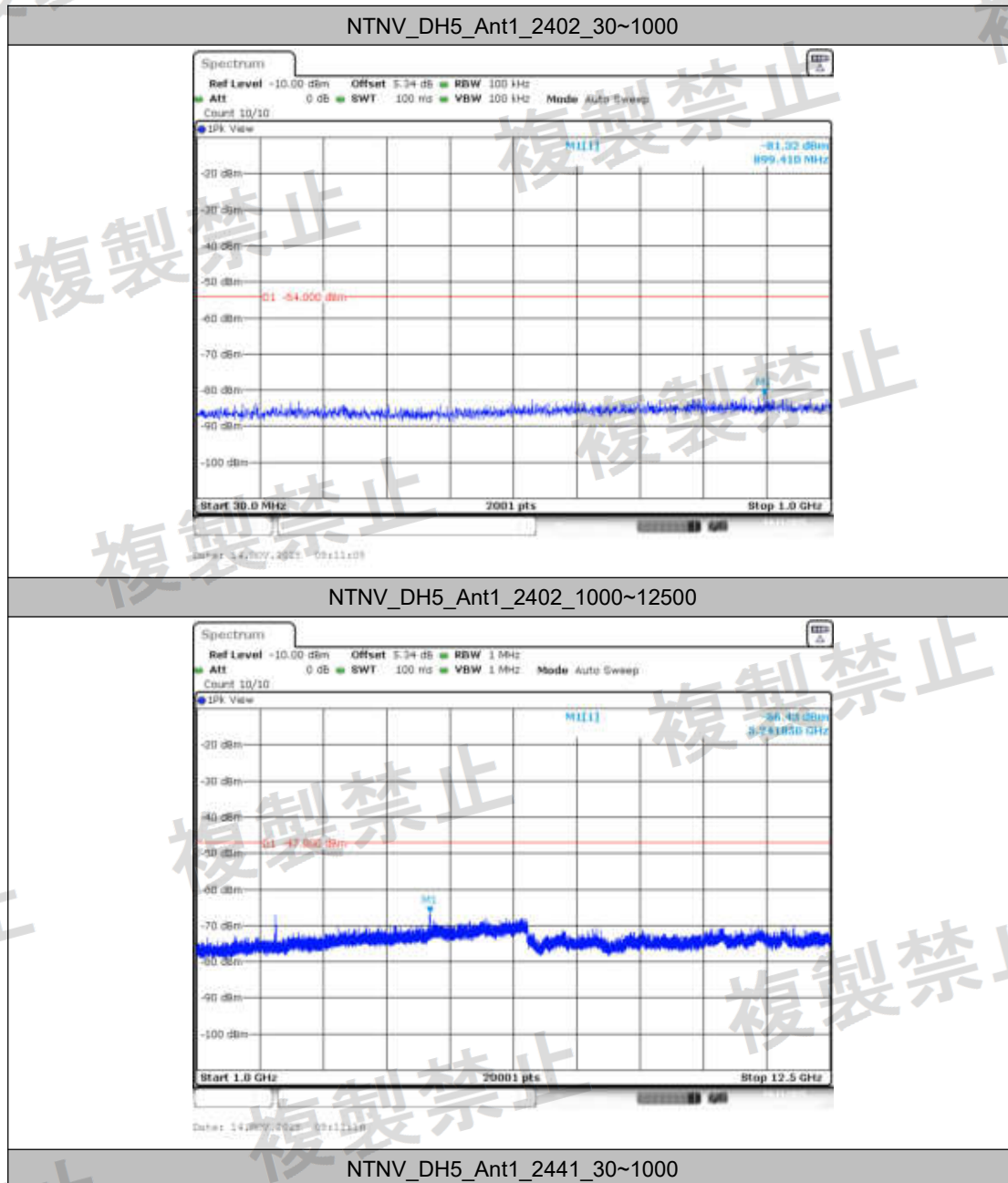


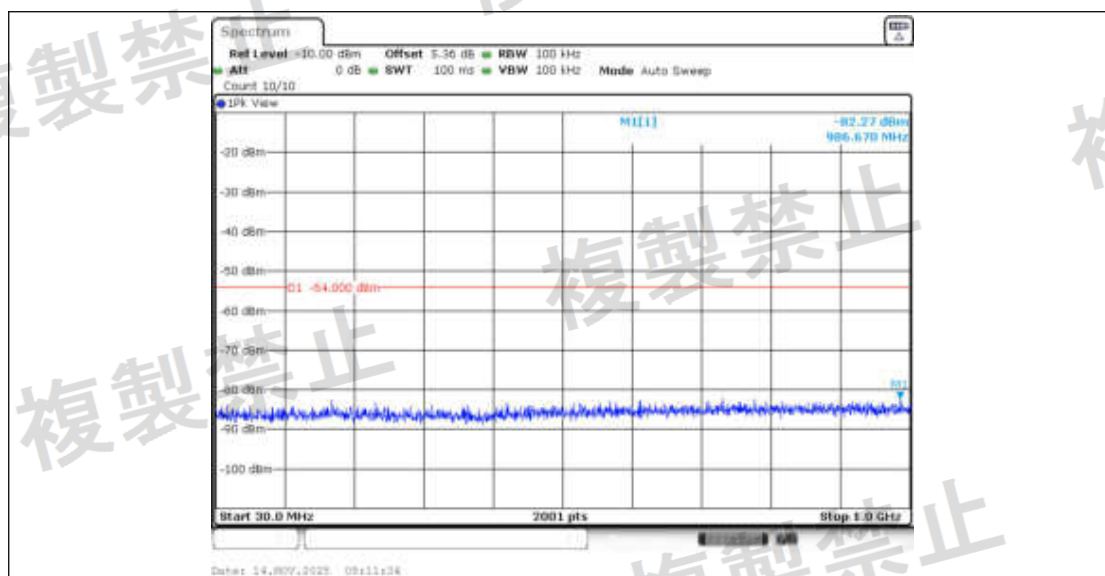
Appendix E: Spurious Emission of RX

Test Result

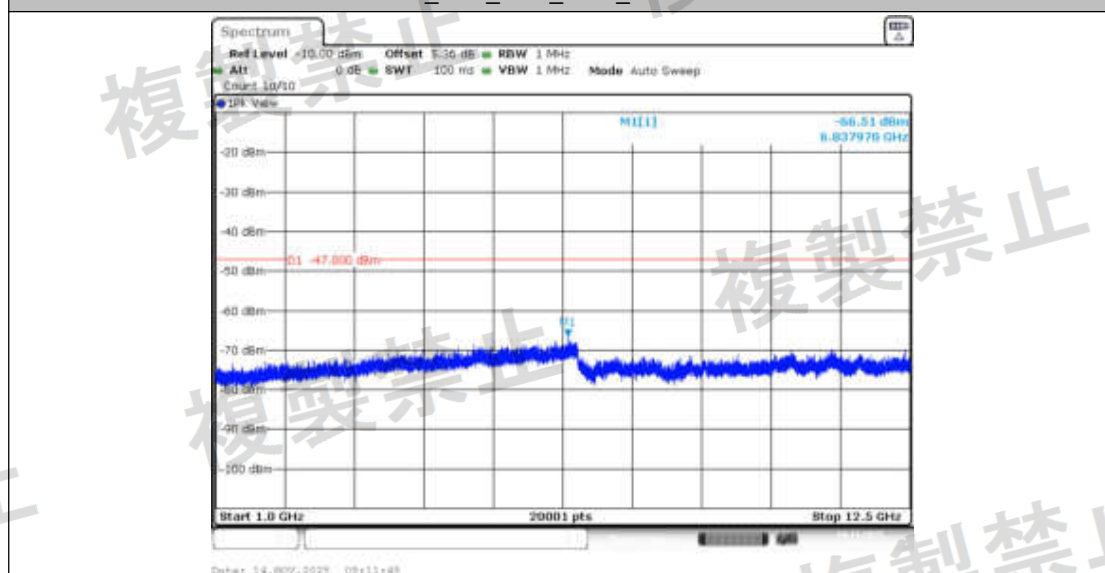
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	899.41	-81.32	≤-54	0.00738	≤4	PASS
				1000~12500	5241.85	-66.43	≤-47	0.22751	≤20	PASS
			2441	30~1000	986.67	-82.27	≤-54	0.00593	≤4	PASS
				1000~12500	6837.97	-66.51	≤-47	0.22336	≤20	PASS
			2480	30~1000	830.58	-81.98	≤-54	0.00634	≤4	PASS
				1000~12500	6889.72	-67.10	≤-47	0.19498	≤20	PASS
	2DH5	Ant1	2402	30~1000	723.93	-81.93	≤-54	0.00641	≤4	PASS
				1000~12500	6989.76	-67.93	≤-47	0.16106	≤20	PASS
			2441	30~1000	884.87	-81.78	≤-54	0.00664	≤4	PASS
				1000~12500	2446.34	-64.83	≤-47	0.32885	≤20	PASS
			2480	30~1000	732.66	-81.81	≤-54	0.00659	≤4	PASS
				1000~12500	6914.44	-67.82	≤-47	0.16520	≤20	PASS
	3DH5	Ant1	2402	30~1000	956.61	-80.07	≤-54	0.00984	≤4	PASS
				1000~12500	5225.18	-63.51	≤-47	0.44566	≤20	PASS
			2441	30~1000	824.28	-81.92	≤-54	0.00643	≤4	PASS
				1000~12500	6820.15	-67.23	≤-47	0.18923	≤20	PASS
			2480	30~1000	714.72	-82.44	≤-54	0.00570	≤4	PASS
				1000~12500	2440.02	-66.79	≤-47	0.20941	≤20	PASS

Test Graphs

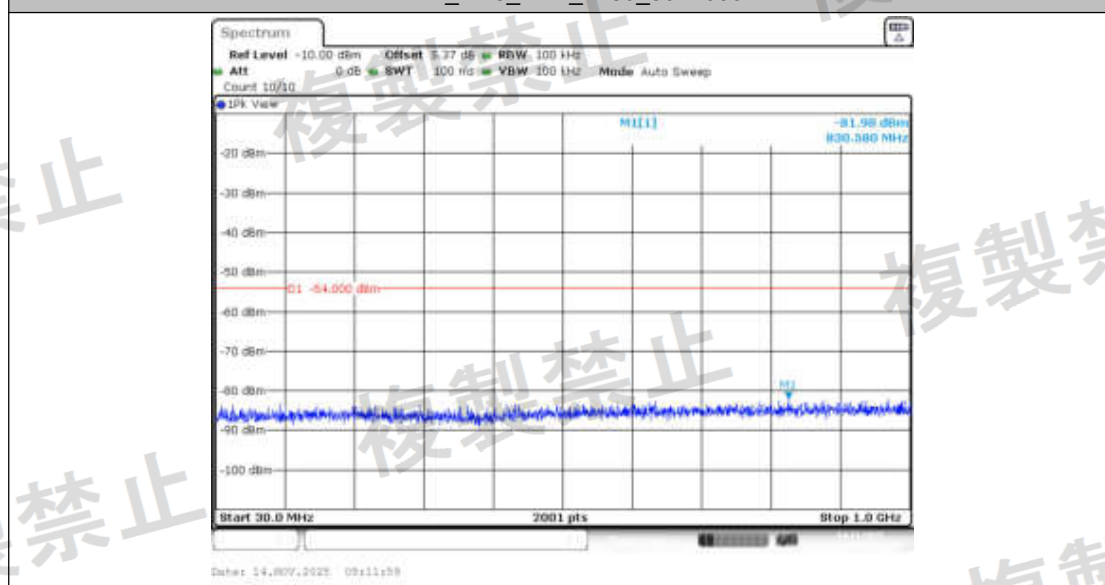


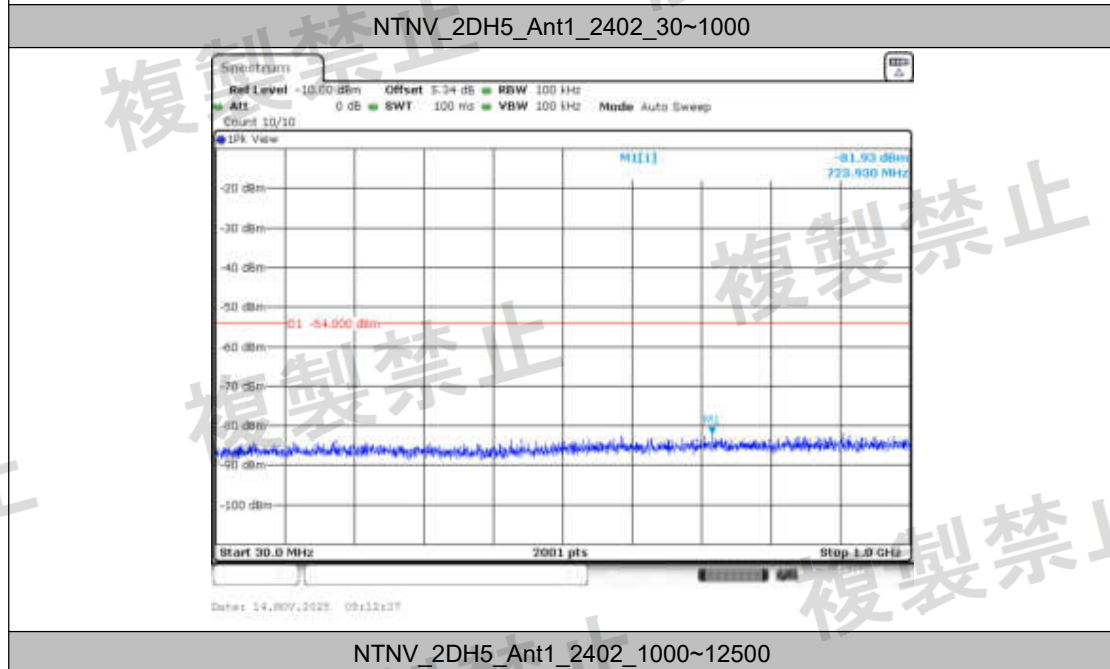
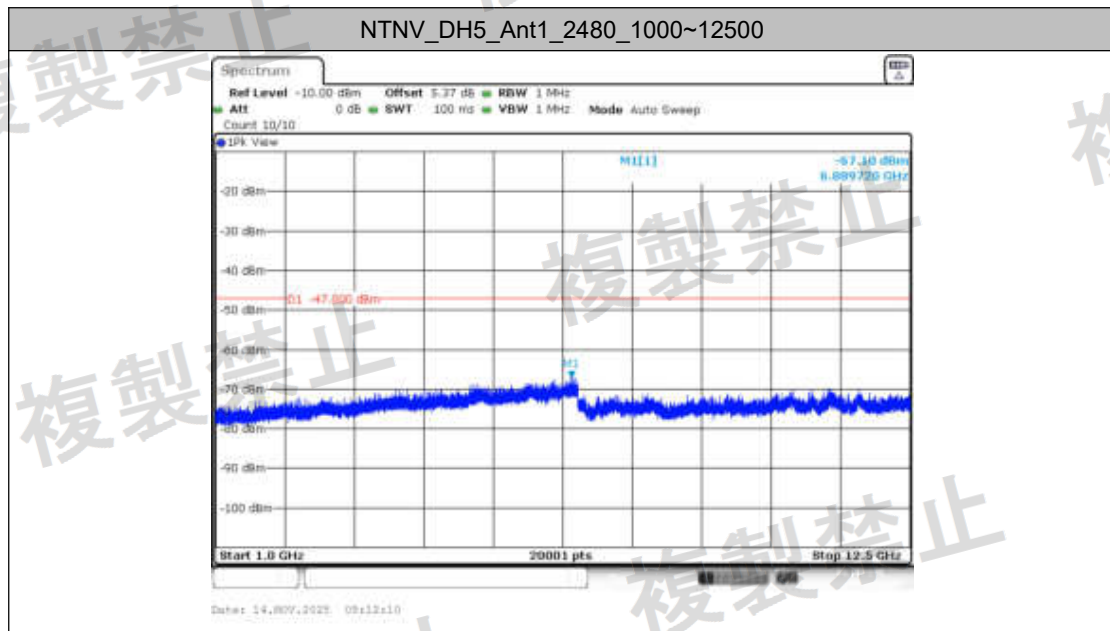


NTVN_DH5_Ant1_2441_1000~12500

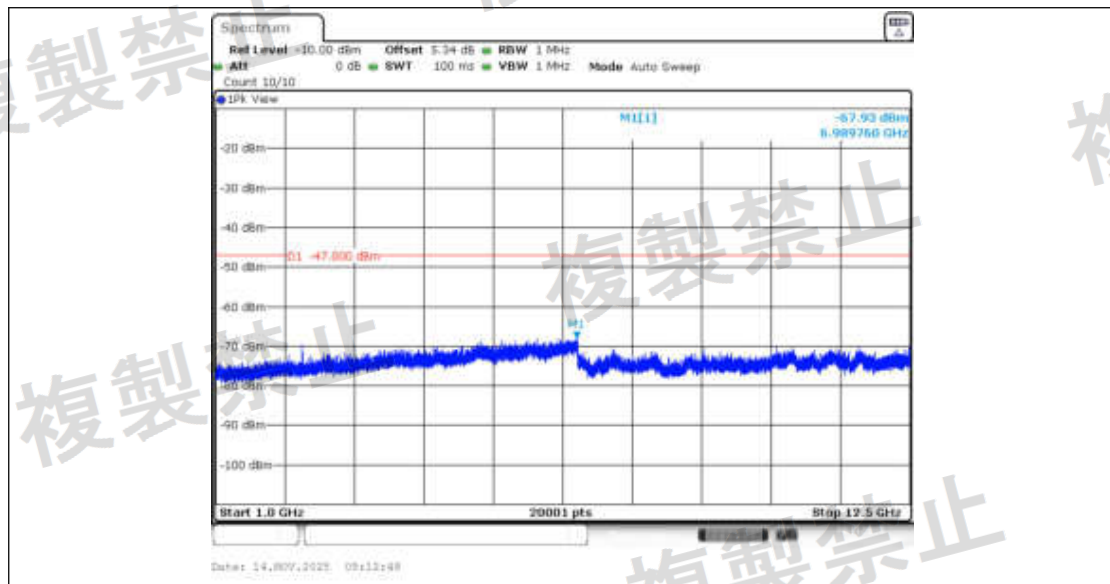


NTVN_DH5_Ant1_2480_30~1000

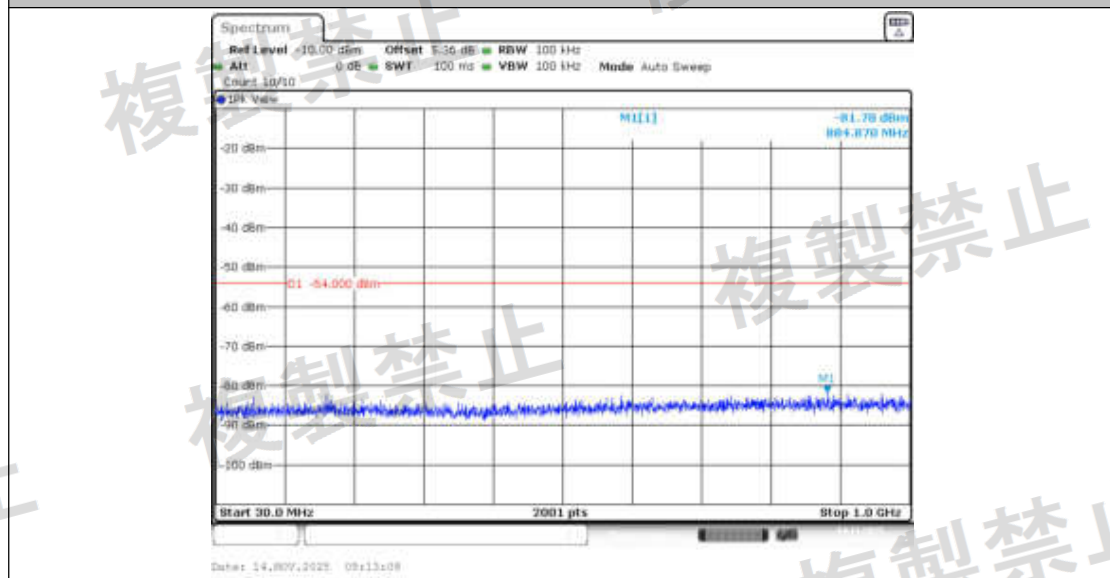




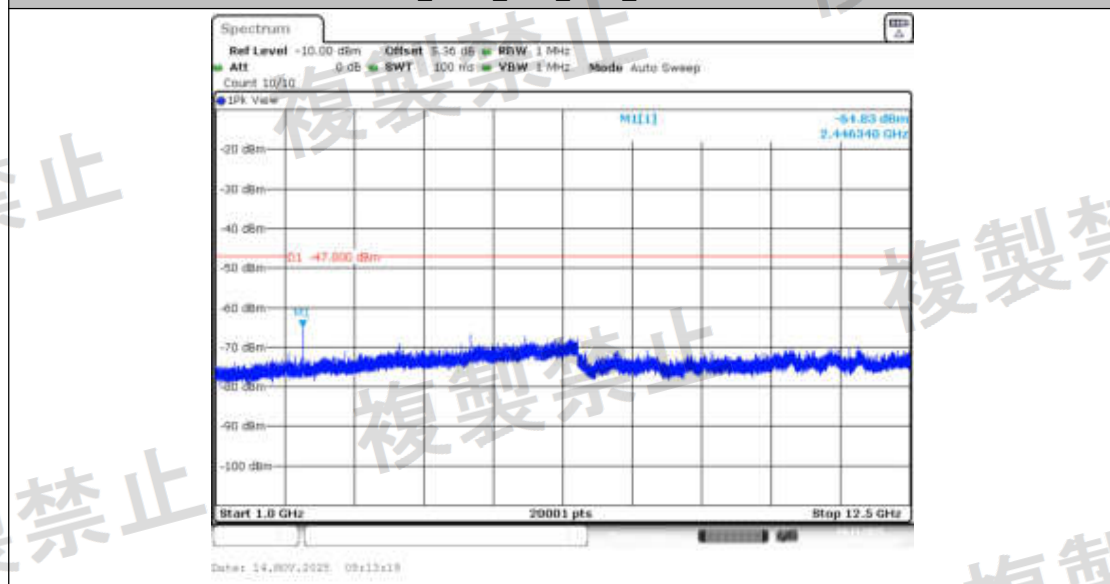
NTNV_2DH5_Ant1_2402_1000~12500

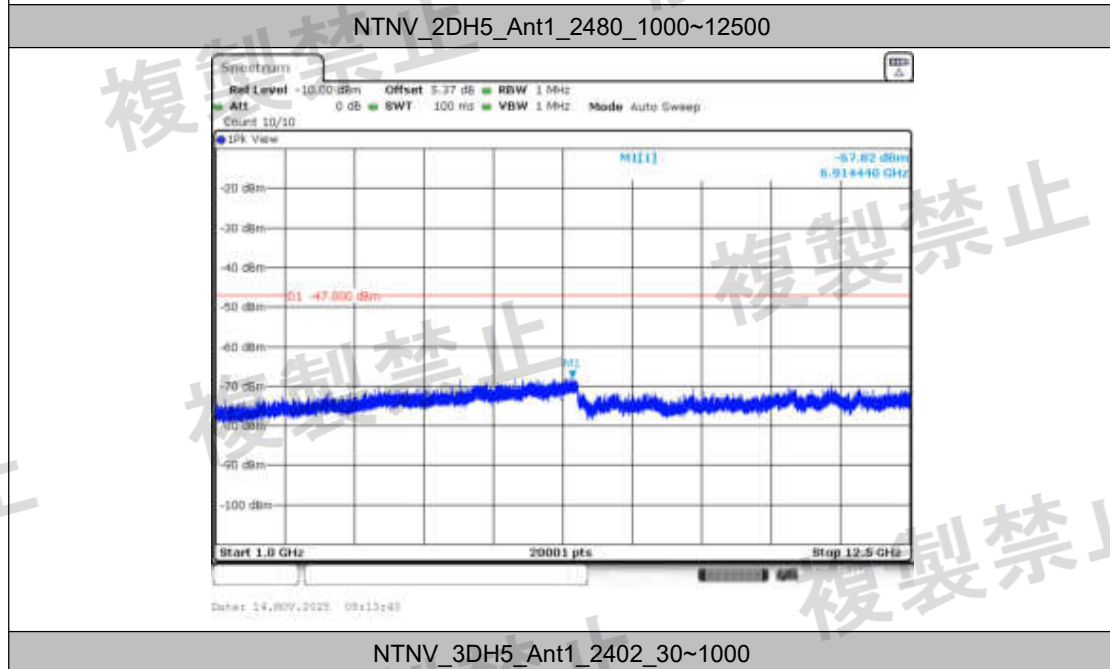
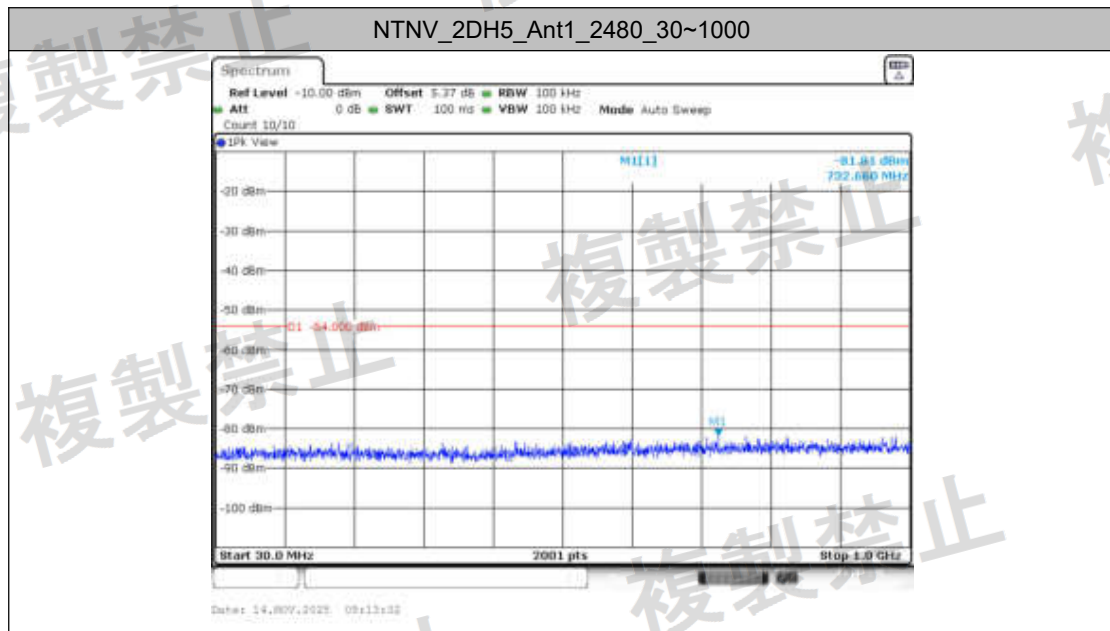


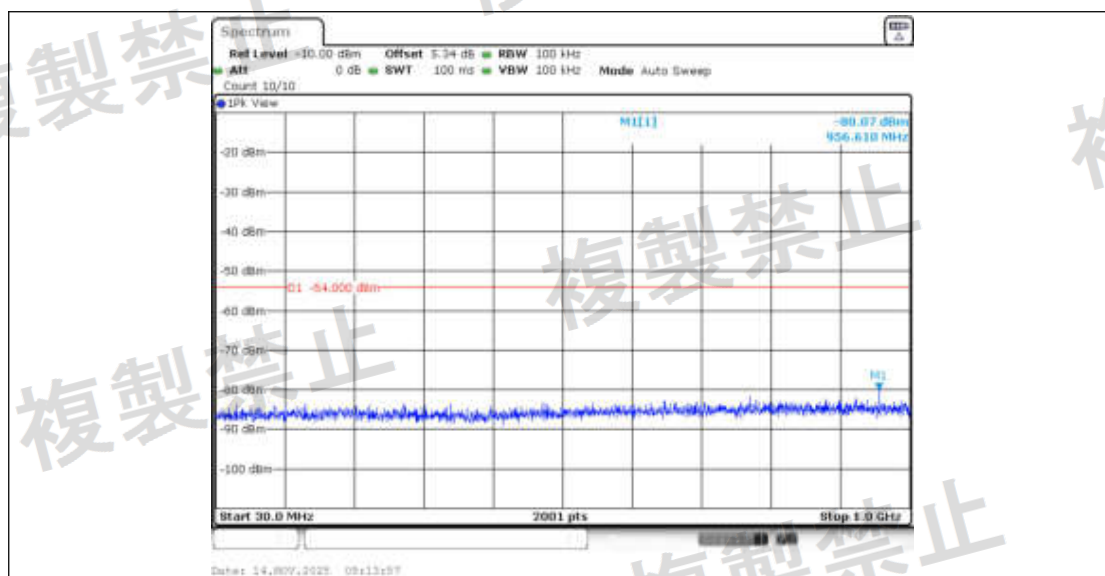
NTNV_2DH5_Ant1_2441_30~1000



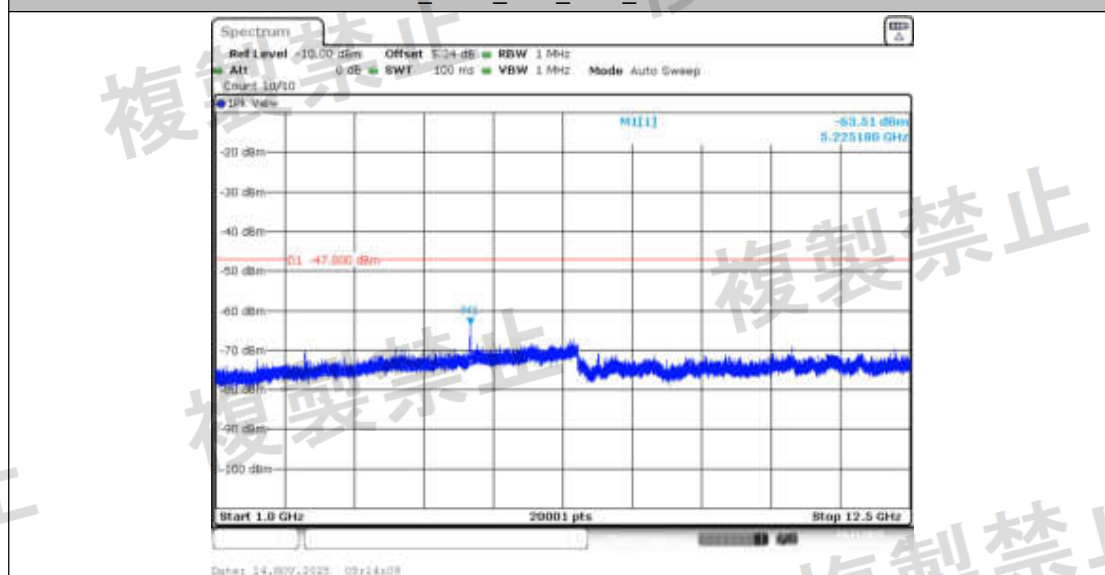
NTNV_2DH5_Ant1_2441_1000~12500



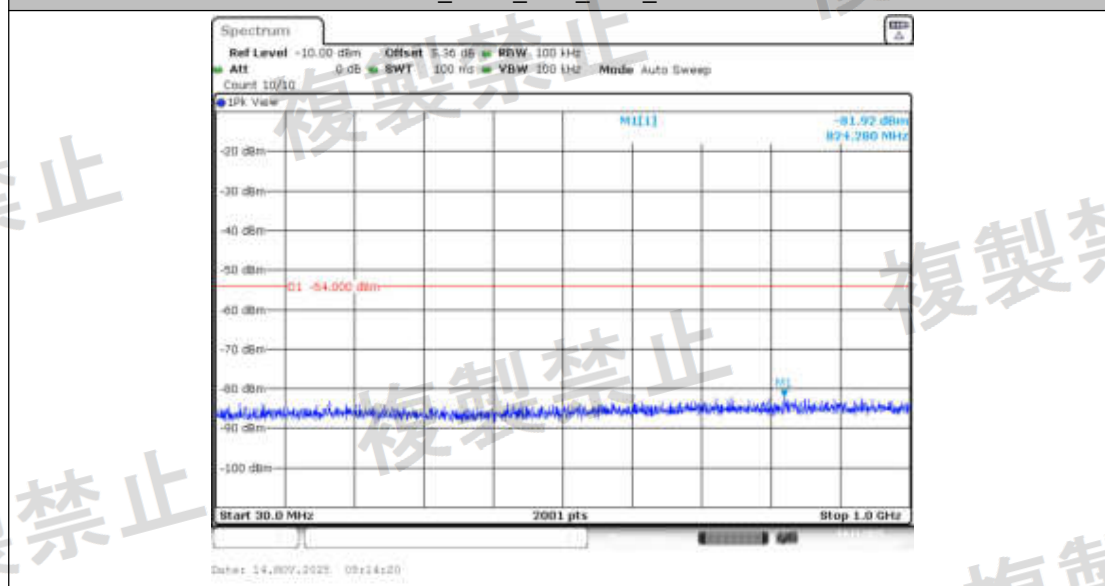


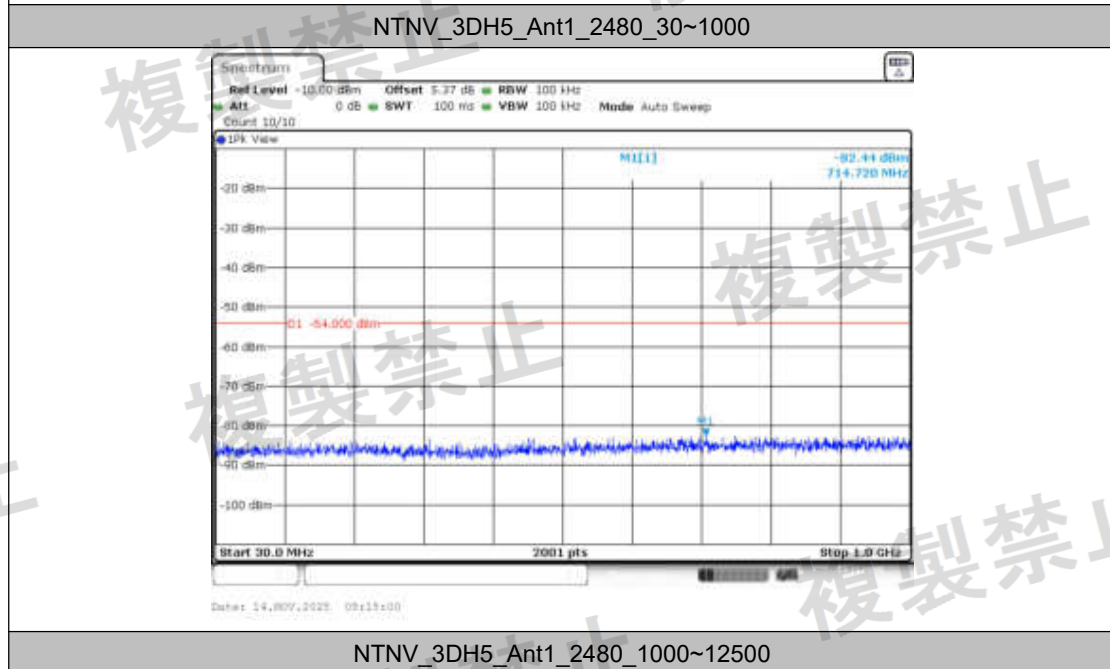
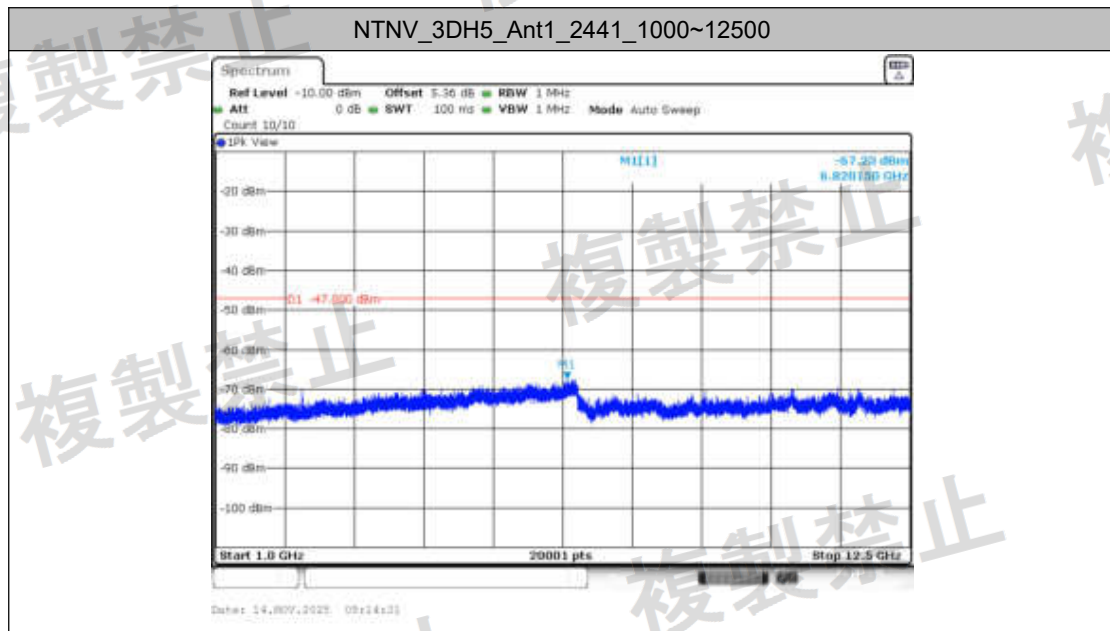


NTVN_3DH5_Ant1_2402_1000~12500

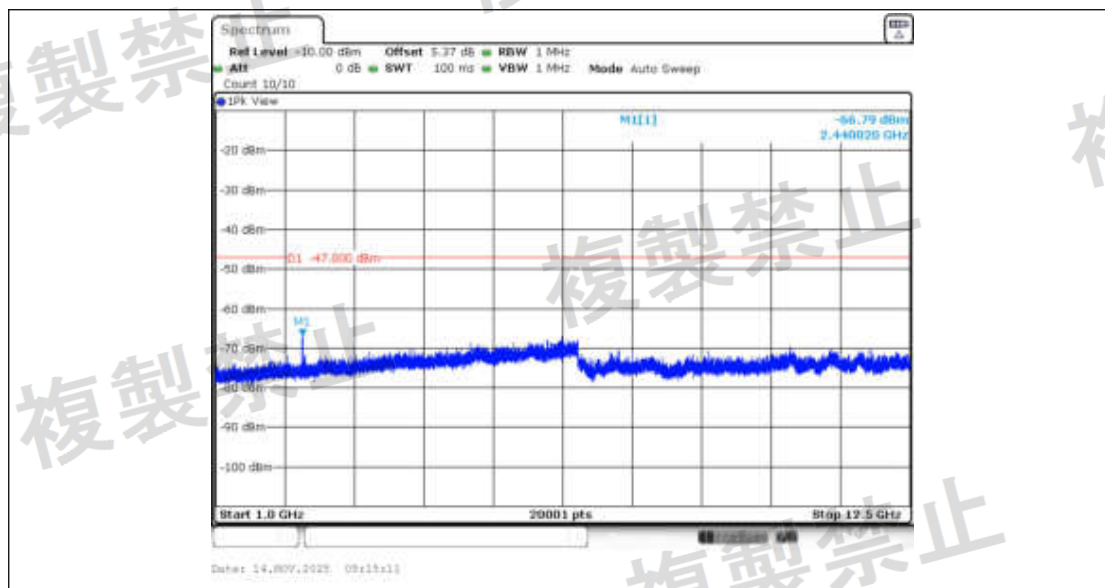


NTVN_3DH5_Ant1_2441_30~1000





NTNV_3DH5_Ant1_2480_1000~12500

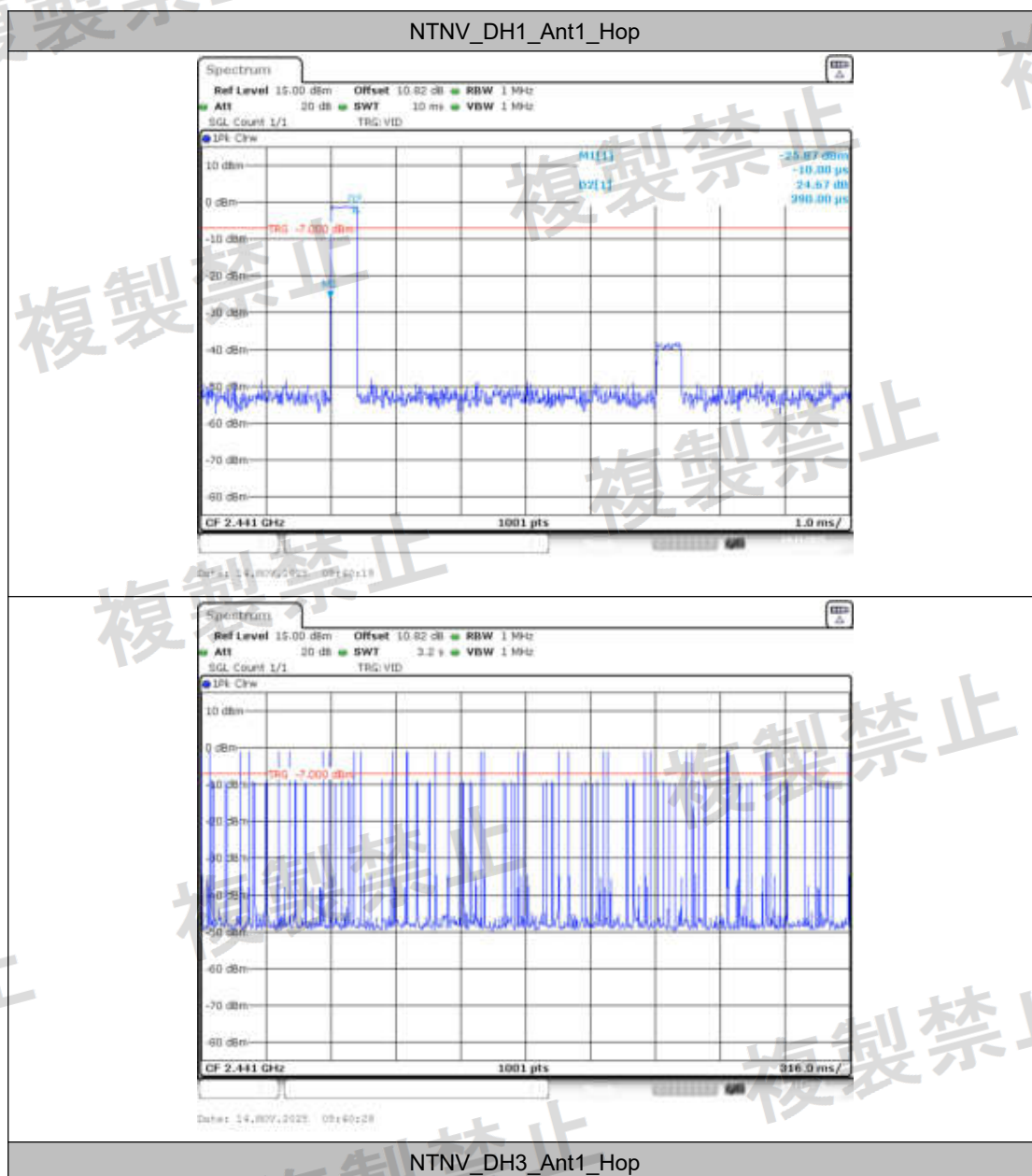


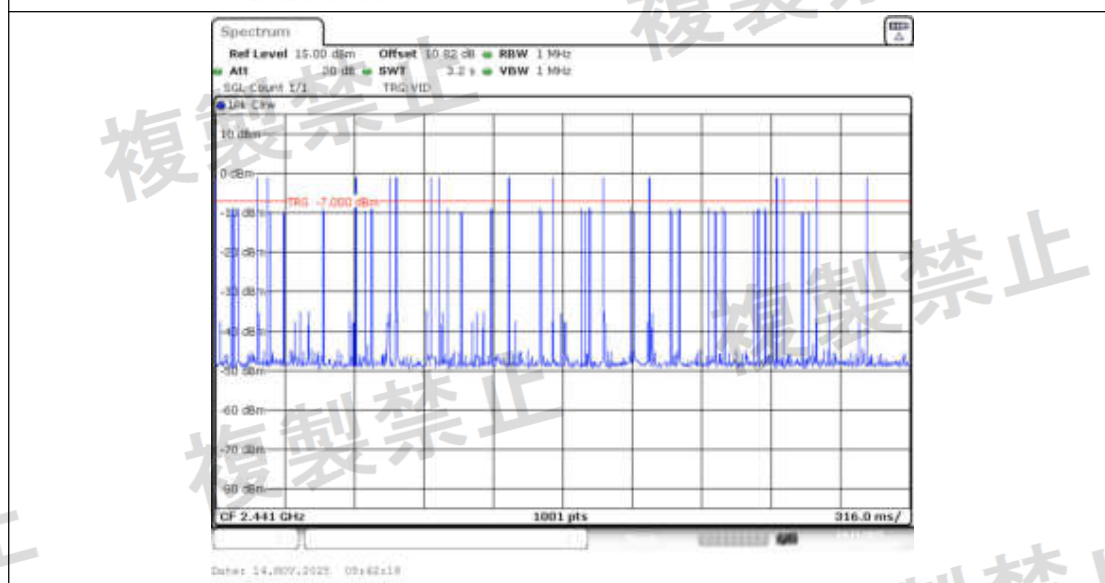
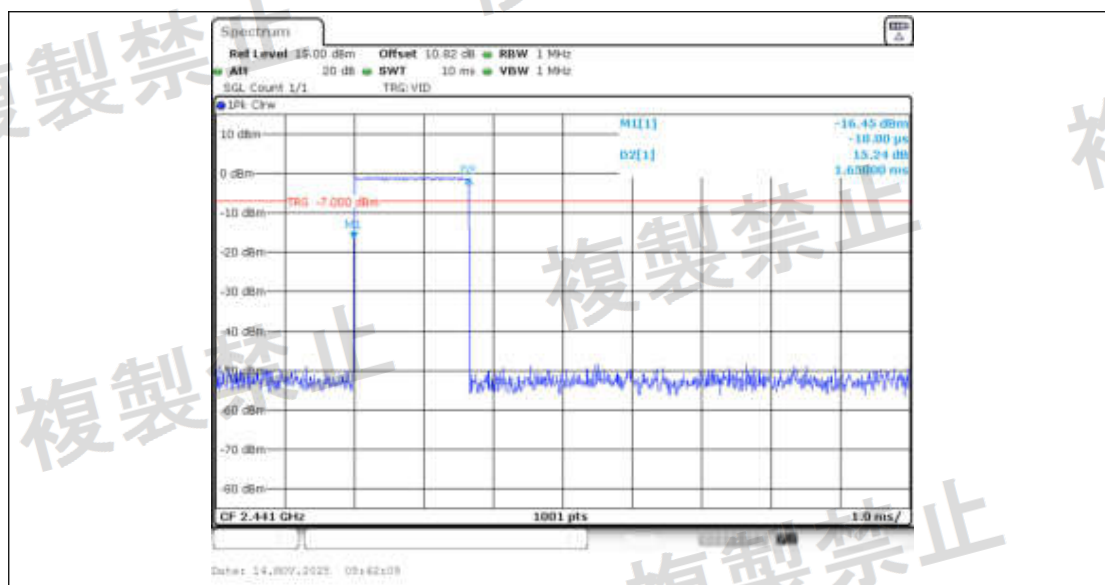
Appendix F: Dwell Time

Test Result

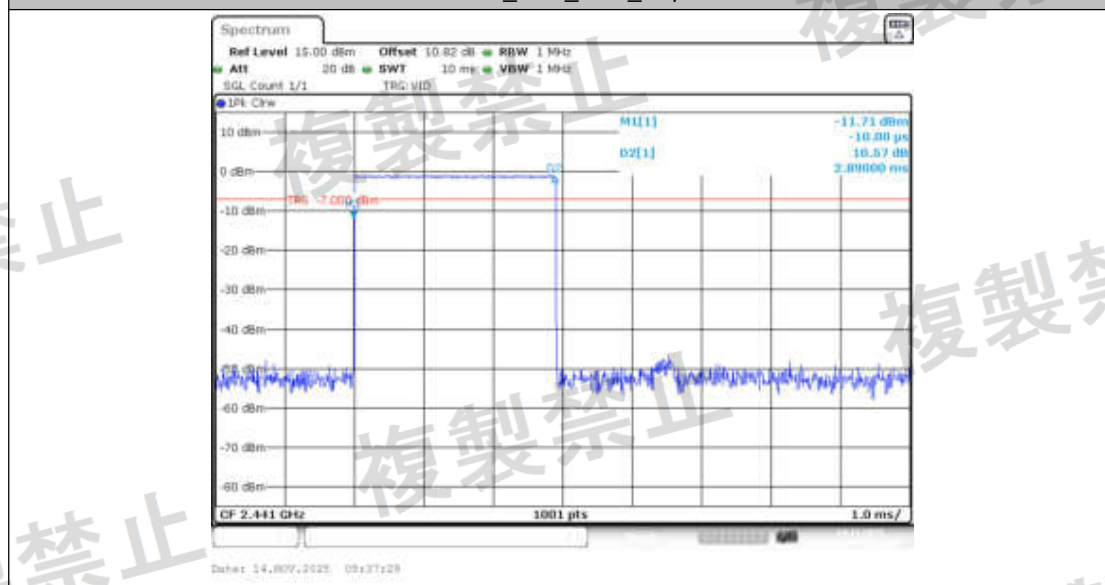
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.39	290	0.113	≤0.4	PASS
	DH3	Ant1	Hop	1.65	160	0.264	≤0.4	PASS
	DH5	Ant1	Hop	2.89	50	0.145	≤0.4	PASS
	2DH1	Ant1	Hop	0.39	310	0.121	≤0.4	PASS
	2DH3	Ant1	Hop	1.64	150	0.246	≤0.4	PASS
	2DH5	Ant1	Hop	2.89	120	0.347	≤0.4	PASS
	3DH1	Ant1	Hop	0.39	320	0.125	≤0.4	PASS
	3DH3	Ant1	Hop	1.64	160	0.262	≤0.4	PASS
	3DH5	Ant1	Hop	2.90	100	0.29	≤0.4	PASS

Test Graphs



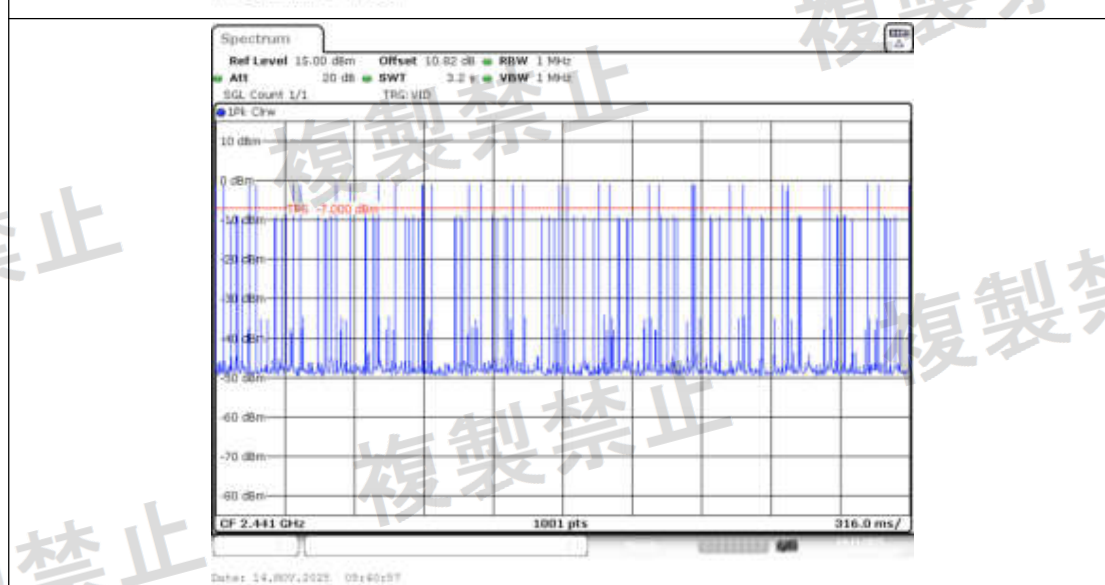
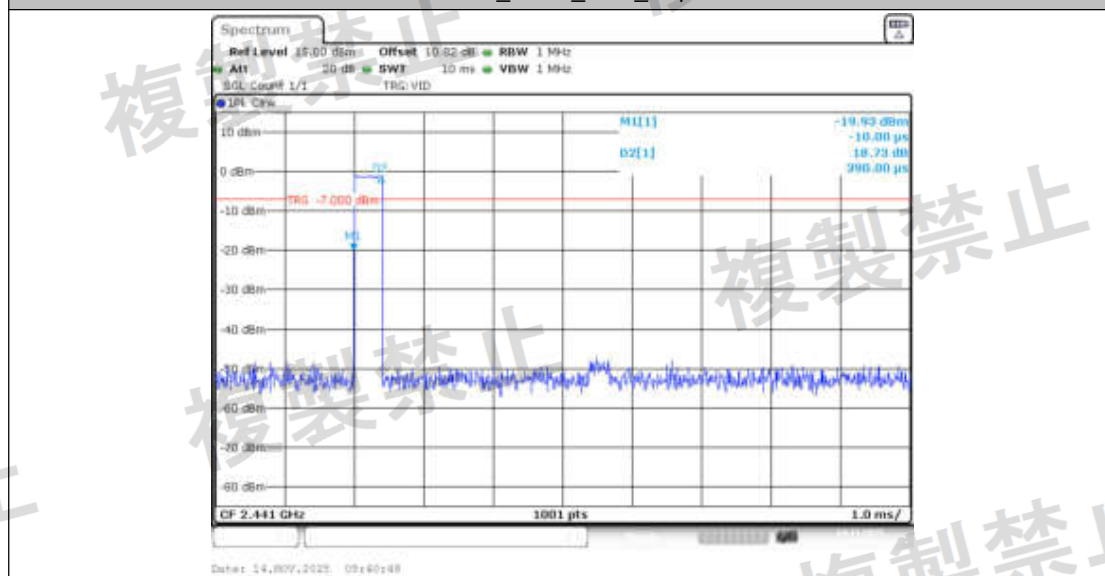


NTNV_DH5_Ant1_Hop

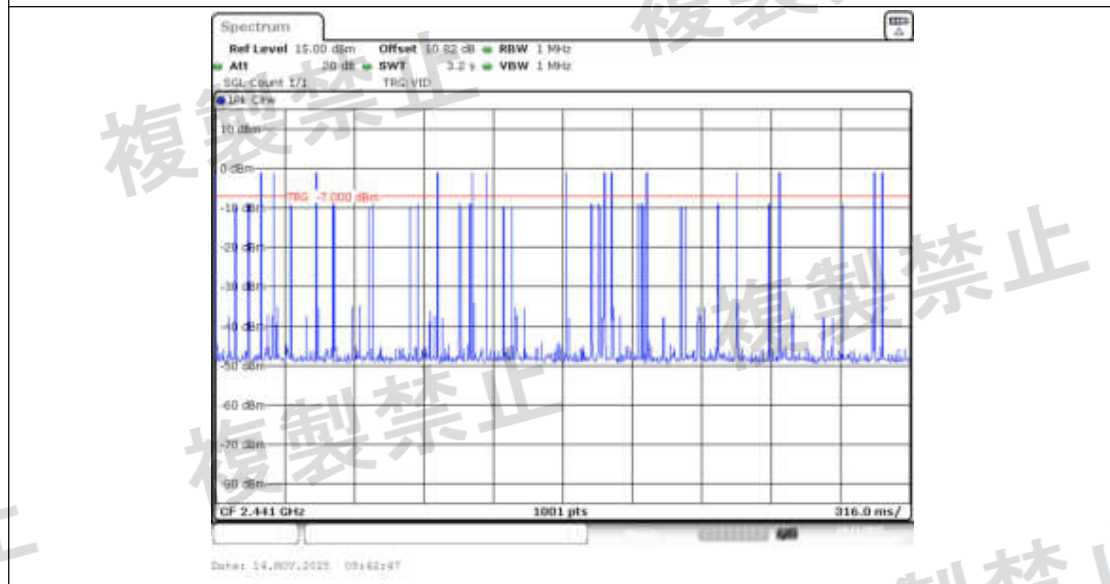
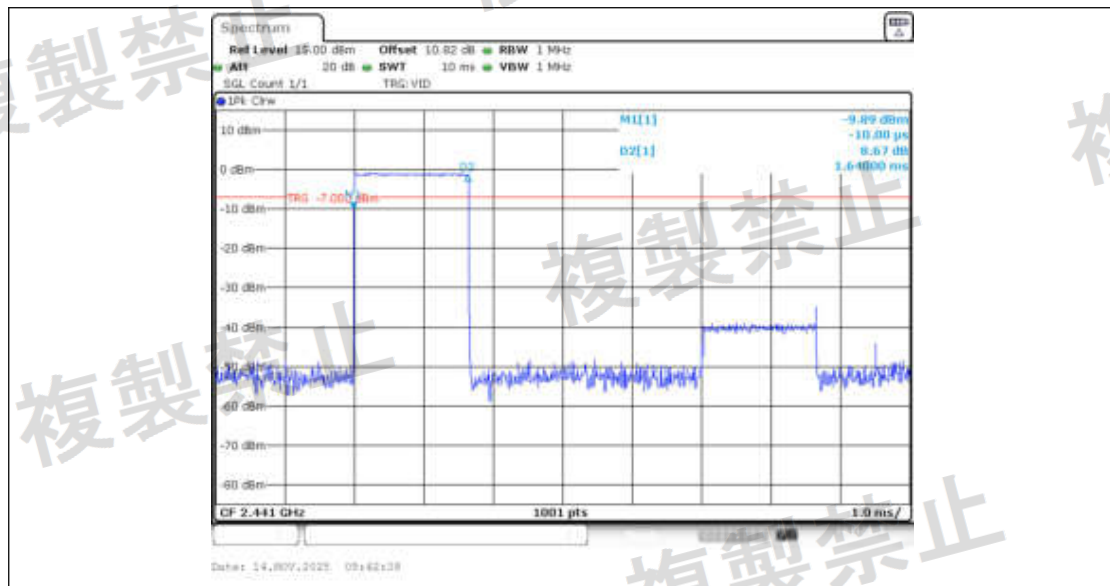




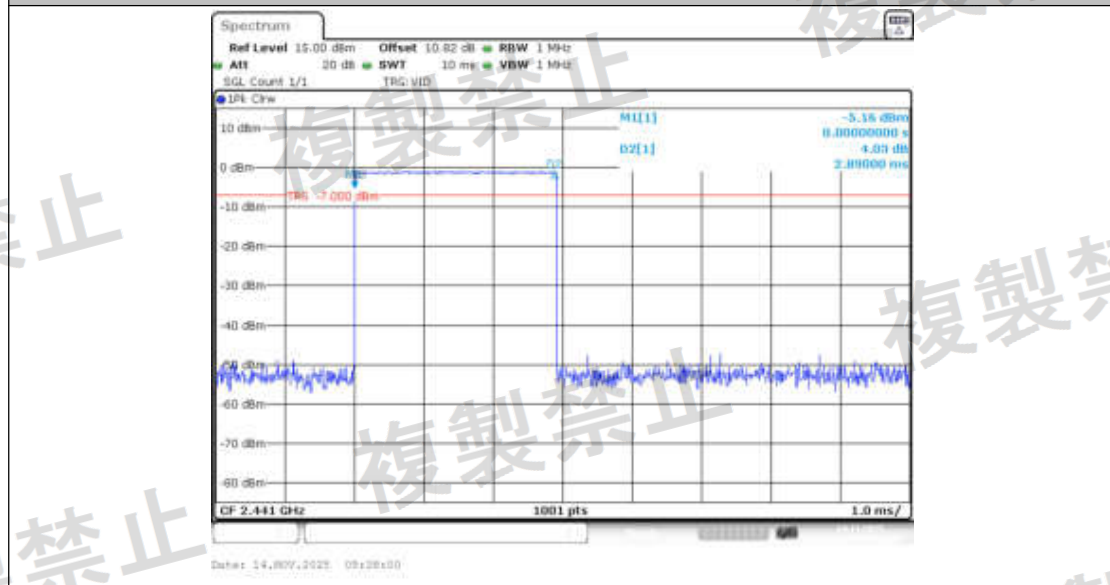
NTNV_2DH1_Ant1_Hop



NTNV_2DH3_Ant1_Hop

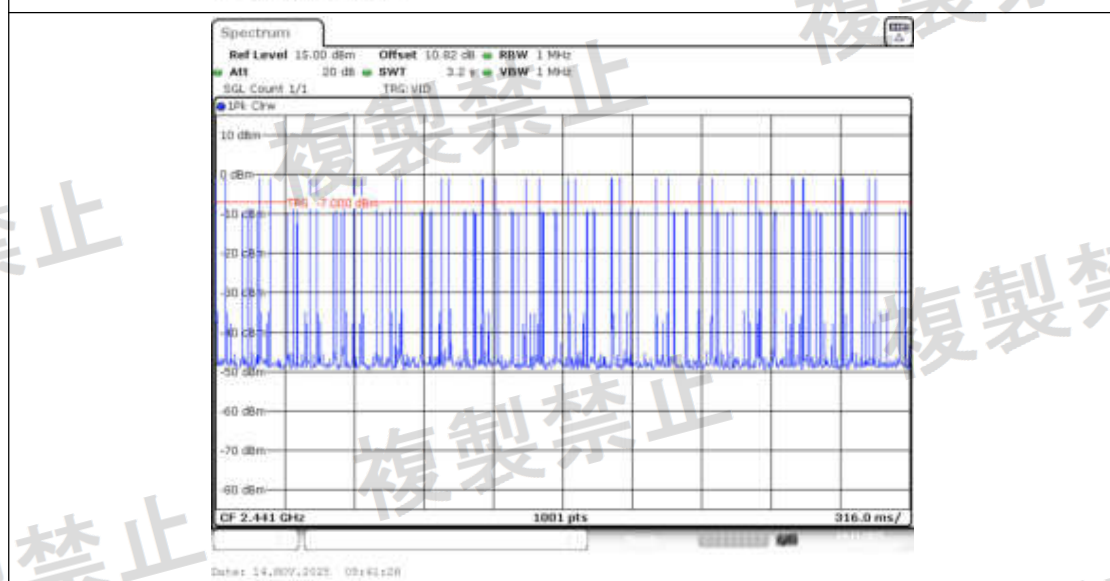
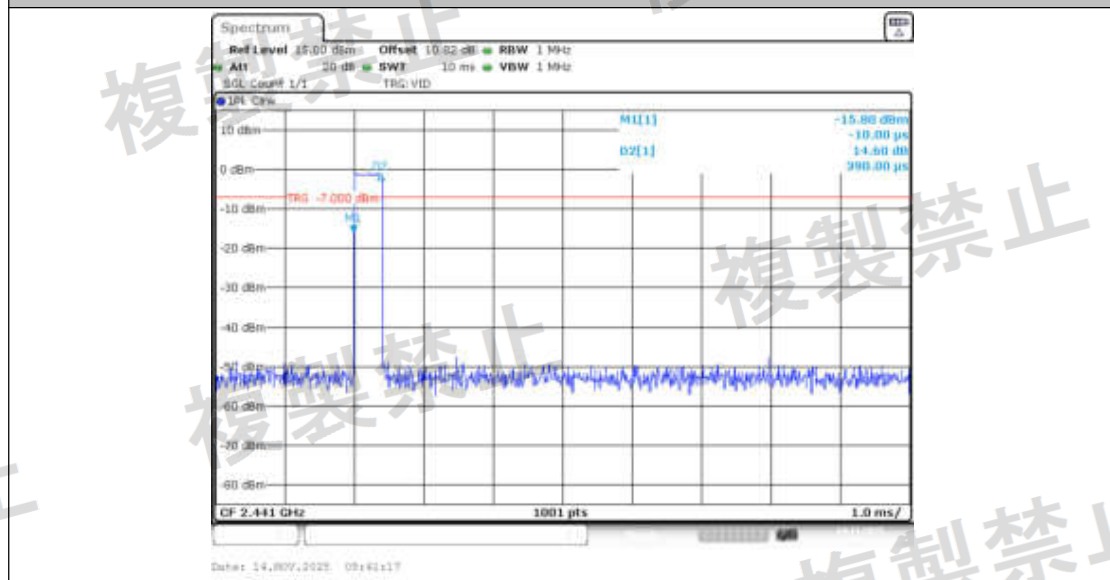


NTNV_2DH5_Ant1_Hop

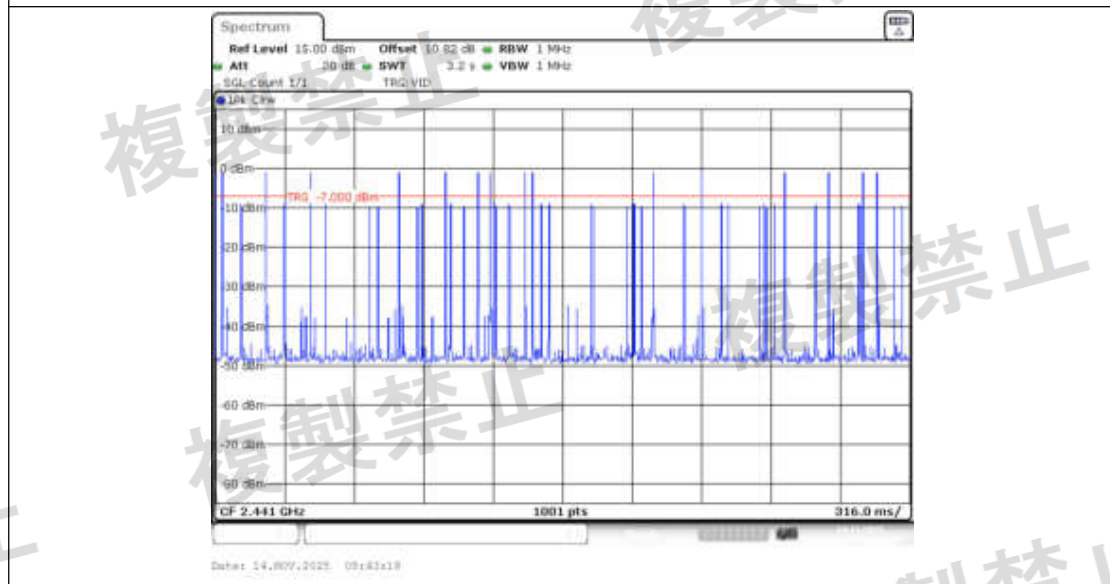
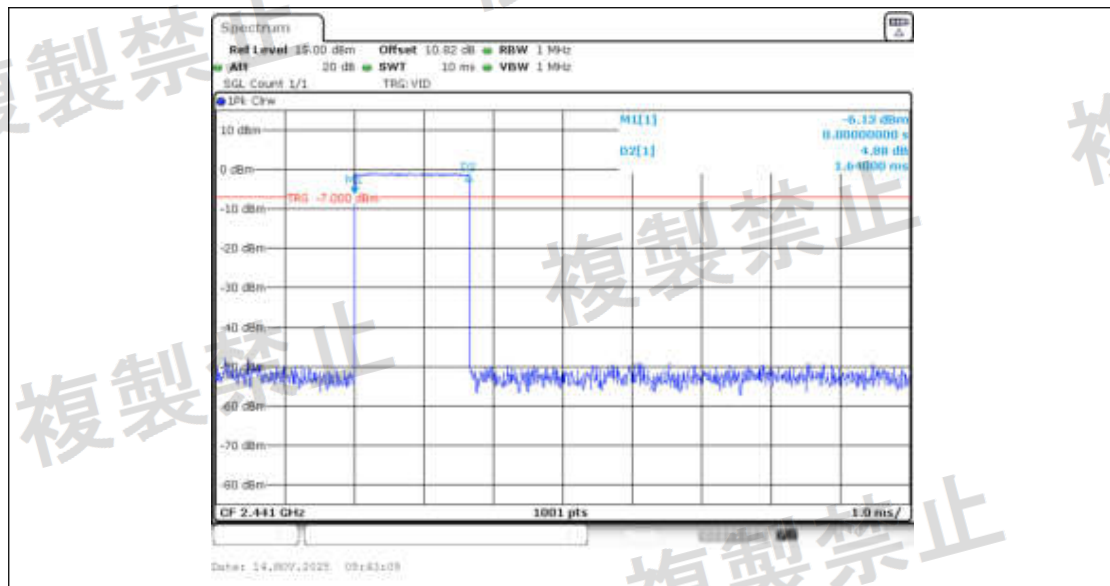




NTNV_3DH1_Ant1_Hop



NTNV_3DH3_Ant1_Hop



NTNV_3DH5_Ant1_Hop

