

Appendix RF Test Data for BT

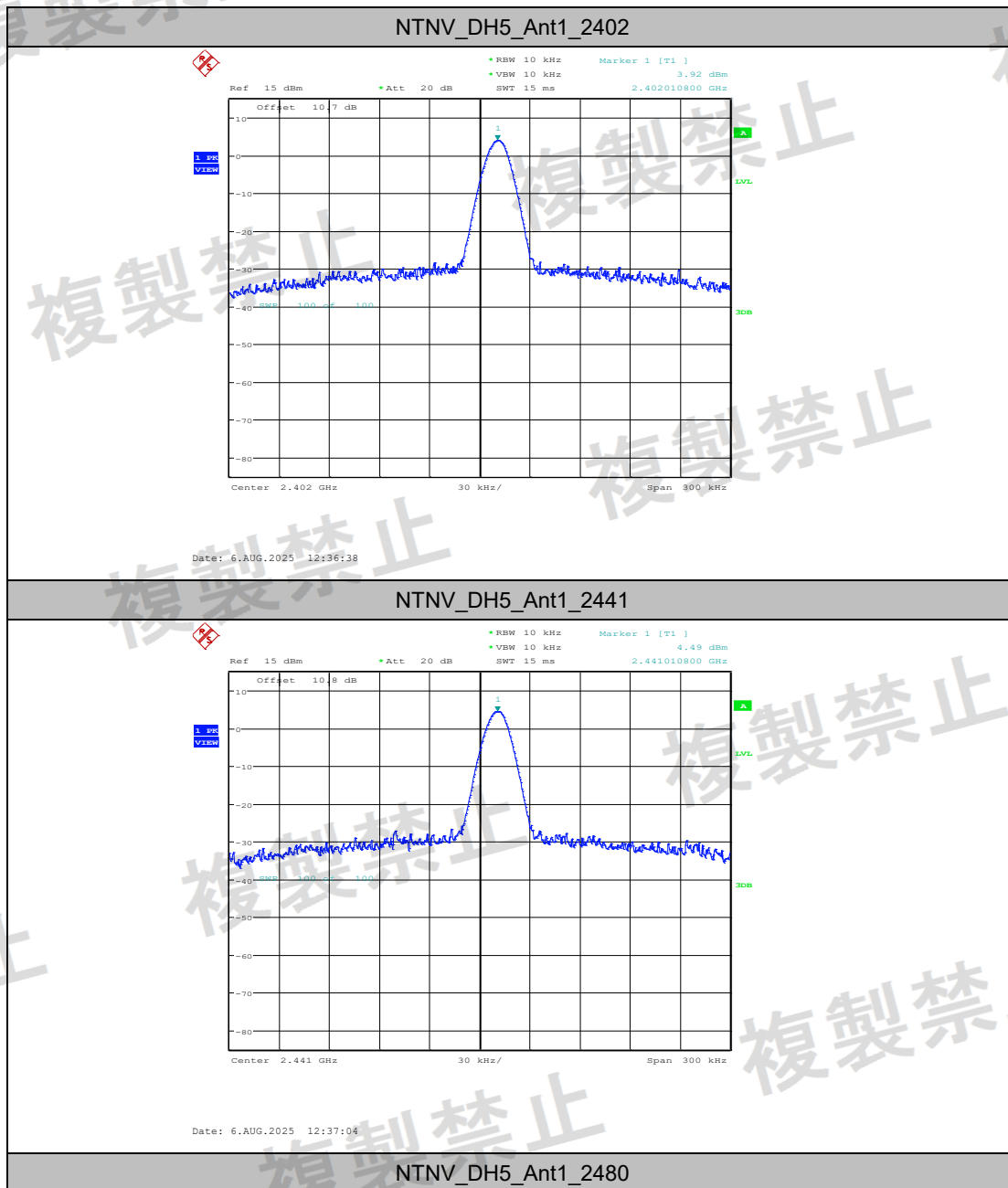
Company : Guiyang Tingyinyue Technology Co., Ltd
EUT : SYITREN R300 CD PLAYER
Model Number : R300
Report No. : CTA25080100401
Reviewed By : Eric Wang

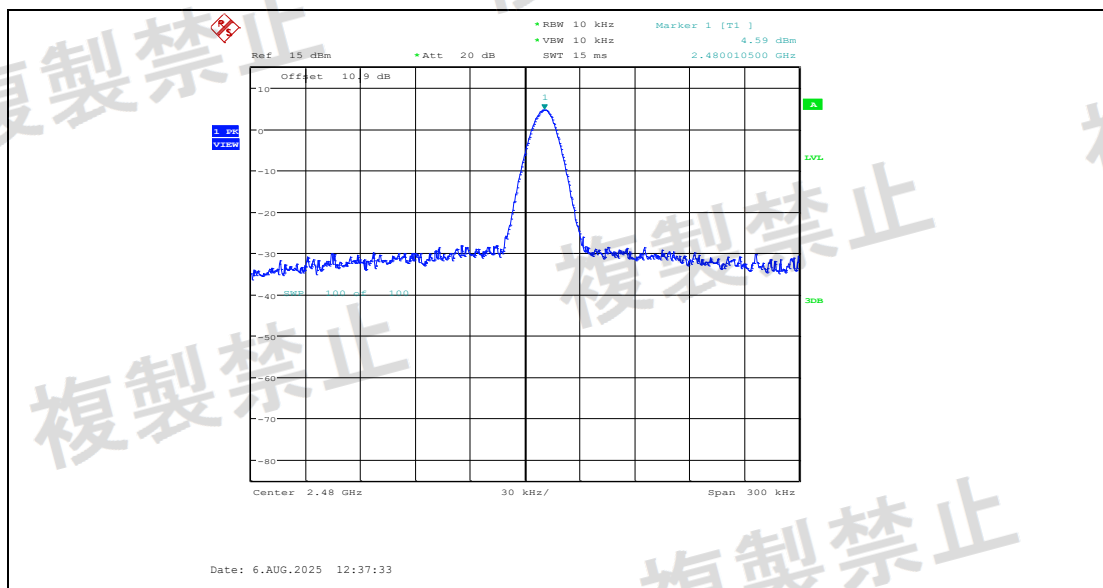
Appendix A: Frequency_Error

Test Result

Test Condition	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	Ant1	2402	4.49625	±50	PASS
		2441	4.42442	±50	PASS
		2480	4.23387	±50	PASS

Test Graphs



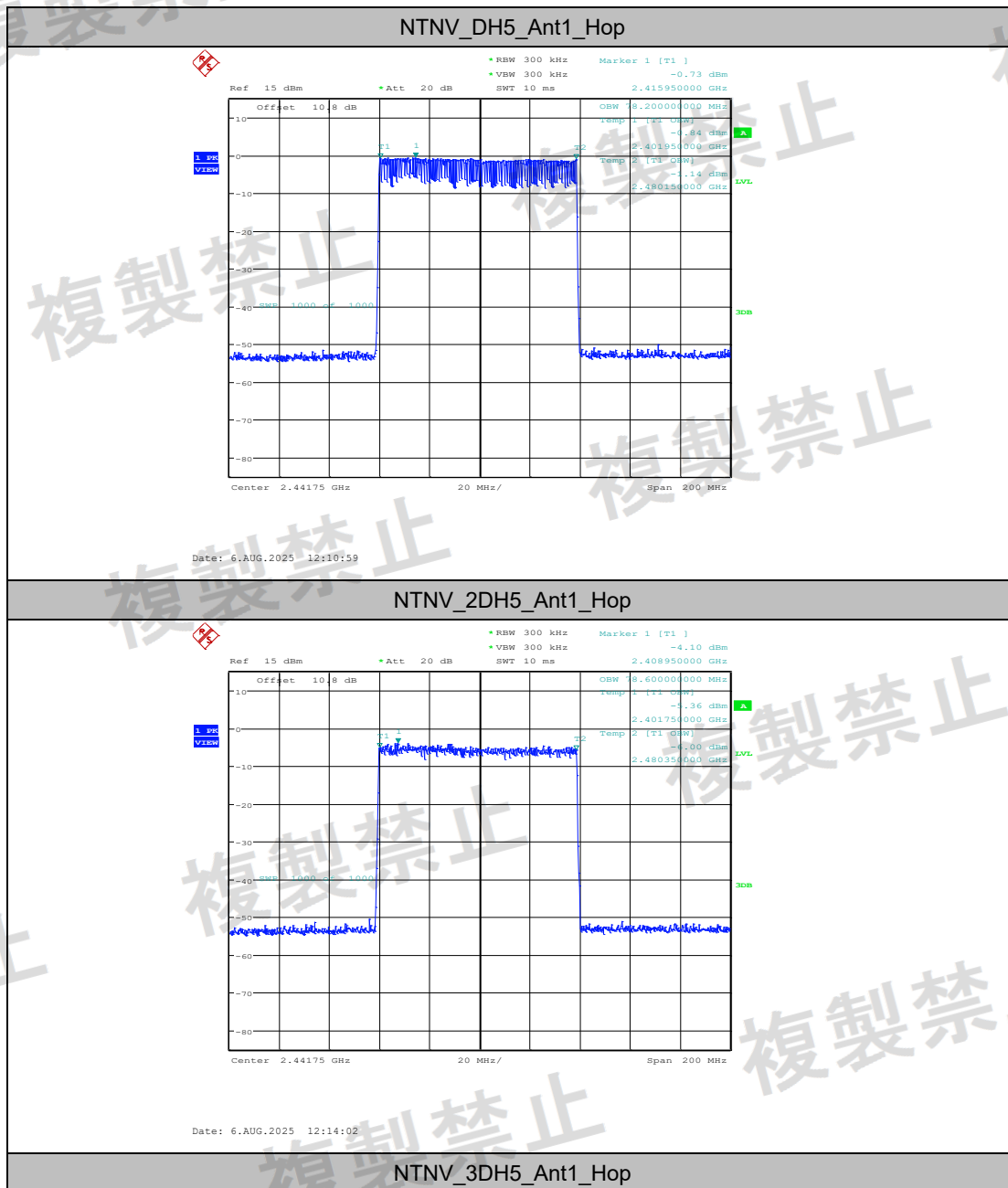


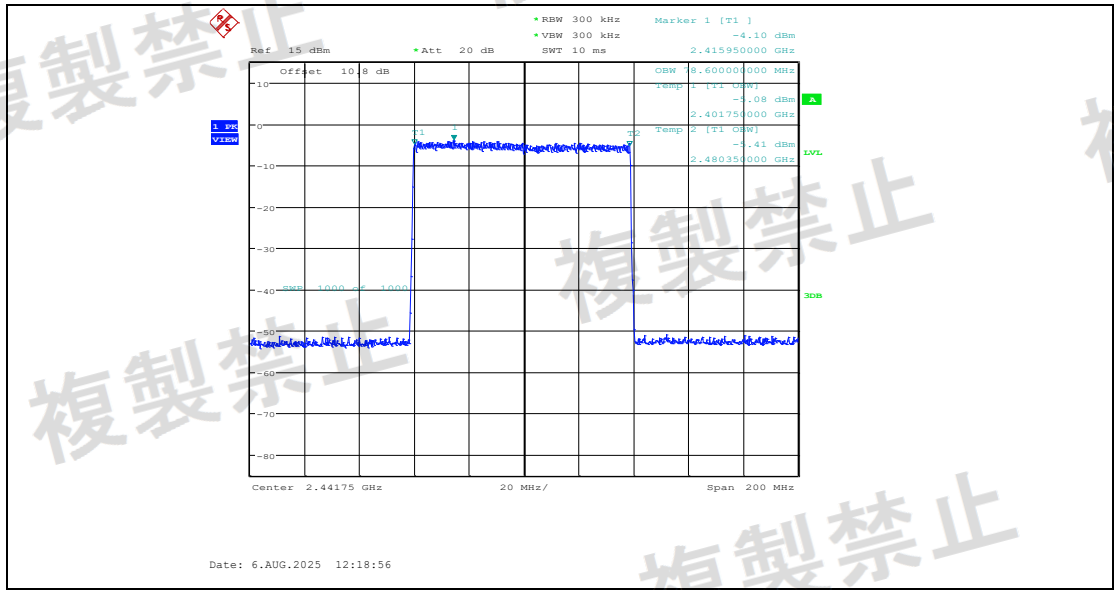
Appendix B: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	DH5	Ant1	Hop	78.200	≤83.5	PASS
	2DH5	Ant1	Hop	78.600	≤83.5	PASS
	3DH5	Ant1	Hop	78.600	≤83.5	PASS

Test Graphs



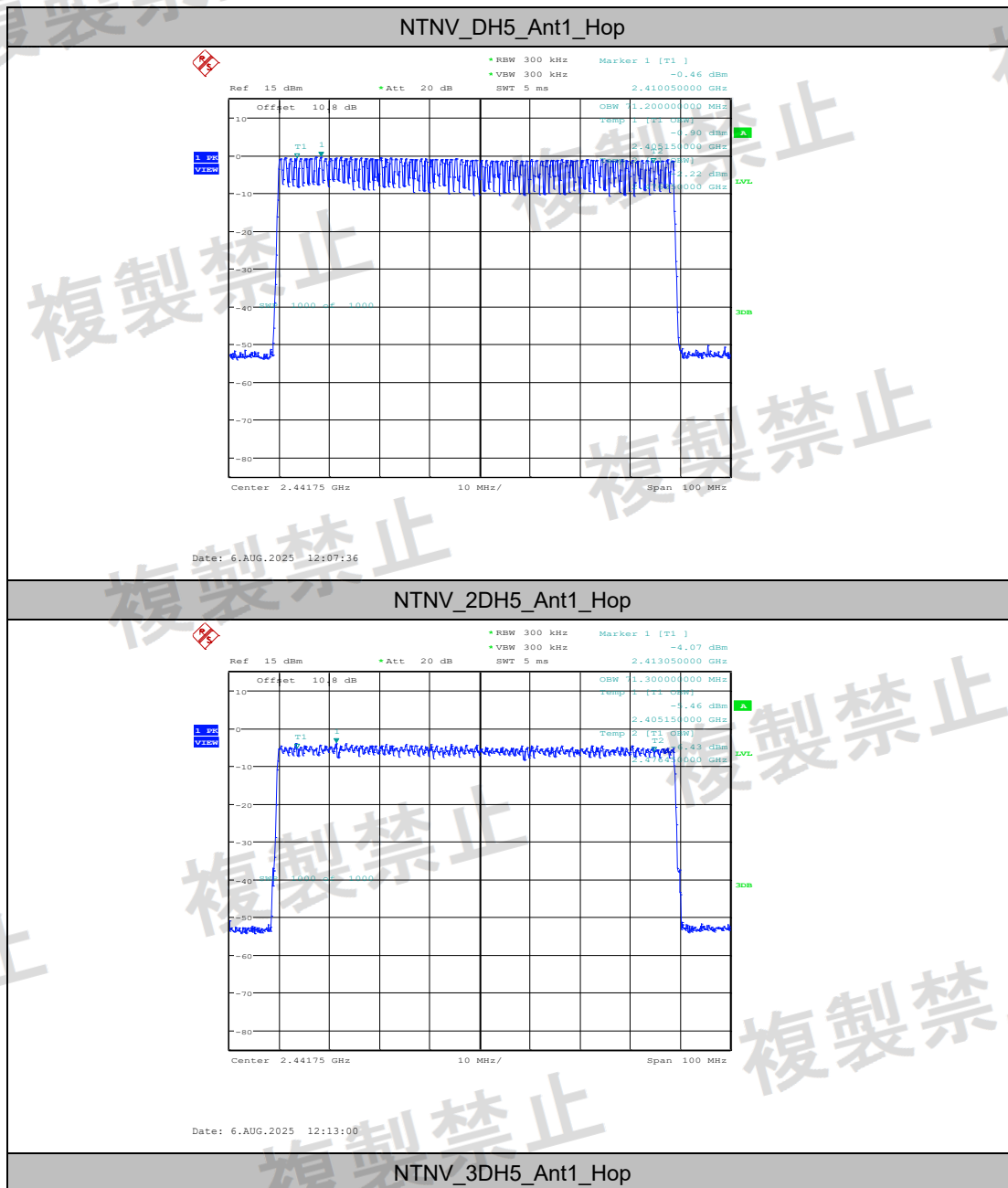


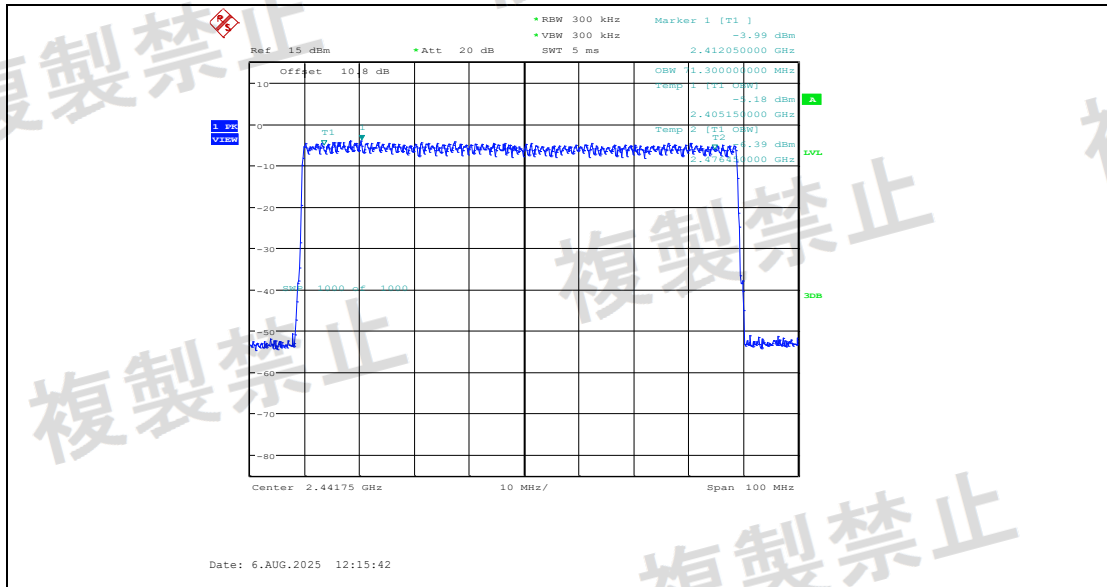
Appendix C: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Spread Factor	Limit	Verdict
NTNV	DH5	Ant1	Hop	71.200	≥ 0.5	71.200	>5	PASS
	2DH5	Ant1	Hop	71.300	≥ 0.5	71.300	>5	PASS
	3DH5	Ant1	Hop	71.300	≥ 0.5	71.300	>5	PASS

Test Graphs





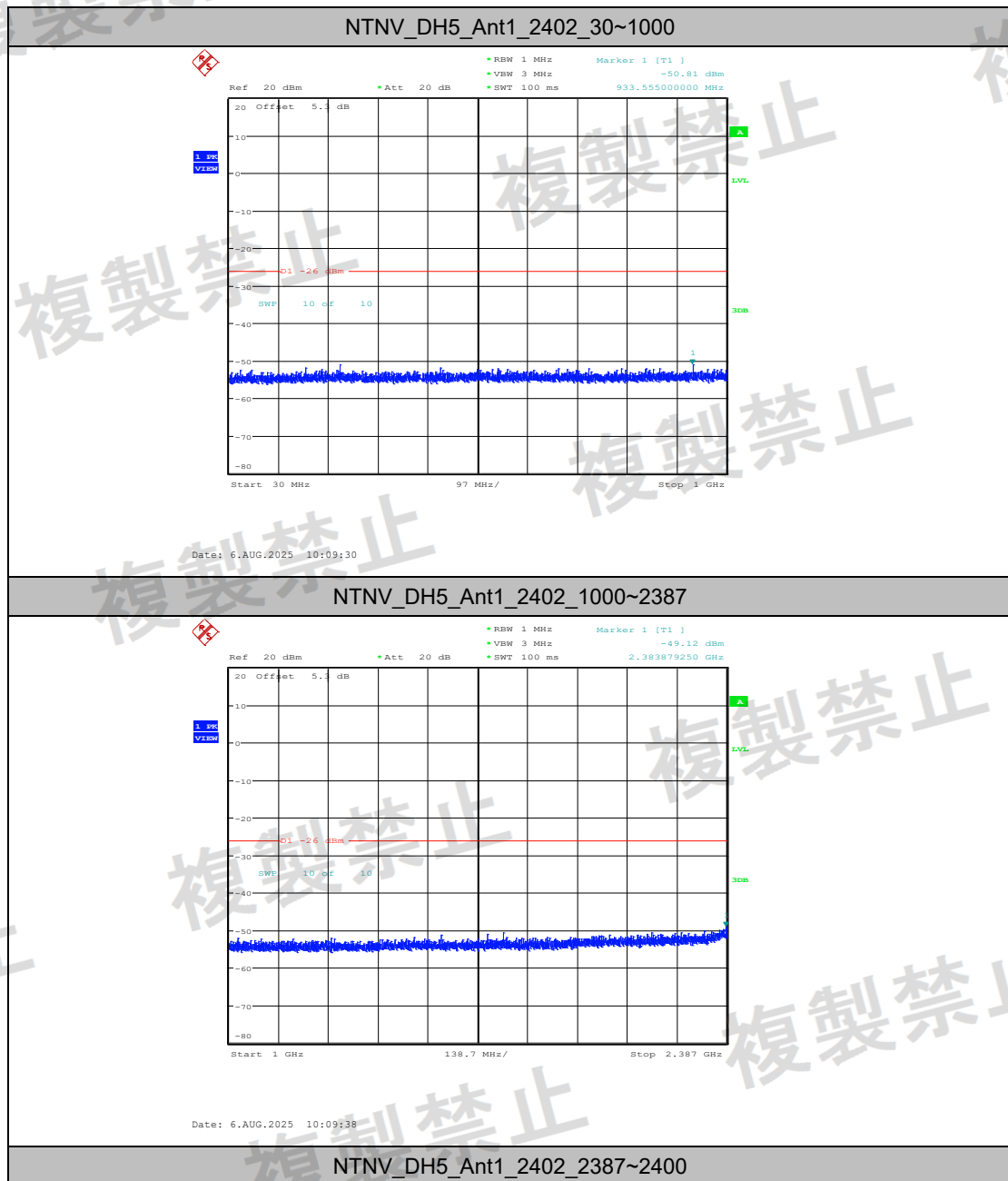
Appendix D: Spurious Emission of TX

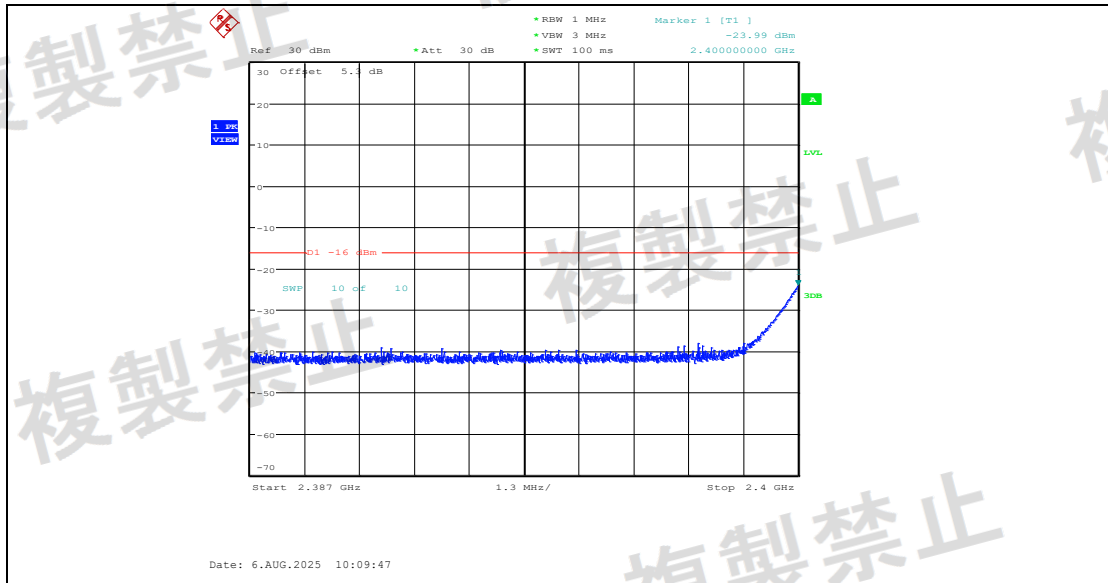
Test Result

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	933.56	-50.81	≤-26	0.00830	≤2.5	PASS
				1000~2387	2383.88	-49.12	≤-26	0.01225	≤2.5	PASS
				2387~2400	2400.00	-23.99	≤-16	3.99025	≤25	PASS
				2483.5~2496.5	2489.30	-39.11	≤-16	0.12274	≤25	PASS
				2496.5~13000	4803.59	-44.81	≤-26	0.03304	≤2.5	PASS
			2441	30~1000	226.91	-51.45	≤-26	0.00716	≤2.5	PASS
				1000~2387	2354.41	-49.20	≤-26	0.01202	≤2.5	PASS
				2387~2400	2393.70	-39.56	≤-16	0.11066	≤25	PASS
				2483.5~2496.5	2483.79	-38.44	≤-16	0.14322	≤25	PASS
				2496.5~13000	4882.37	-43.99	≤-26	0.03990	≤2.5	PASS
			2480	30~1000	851.83	-51.54	≤-26	0.00701	≤2.5	PASS
				1000~2387	2144.97	-49.62	≤-26	0.01091	≤2.5	PASS
				2387~2400	2390.52	-39.14	≤-16	0.12190	≤25	PASS
				2483.5~2496.5	2483.63	-38.52	≤-16	0.14060	≤25	PASS
				2496.5~13000	4959.57	-42.68	≤-26	0.05395	≤2.5	PASS
	2DH5	Ant1	2402	30~1000	681.36	-51.23	≤-26	0.00753	≤2.5	PASS
				1000~2387	2228.88	-49.63	≤-26	0.01089	≤2.5	PASS
				2387~2400	2400.00	-22.58	≤-16	5.52077	≤25	PASS
				2483.5~2496.5	2490.94	-39.23	≤-16	0.11940	≤25	PASS
				2496.5~13000	4804.12	-48.60	≤-26	0.01380	≤2.5	PASS
			2441	30~1000	885.78	-51.29	≤-26	0.00743	≤2.5	PASS
				1000~2387	2376.25	-49.12	≤-26	0.01225	≤2.5	PASS
				2387~2400	2398.00	-39.15	≤-16	0.12162	≤25	PASS
				2483.5~2496.5	2489.82	-39.45	≤-16	0.11350	≤25	PASS
				2496.5~13000	4882.37	-47.20	≤-26	0.01905	≤2.5	PASS
			2480	30~1000	783.21	-51.71	≤-26	0.00675	≤2.5	PASS
				1000~2387	2304.47	-50.00	≤-26	0.01000	≤2.5	PASS
				2387~2400	2395.35	-39.35	≤-16	0.11614	≤25	PASS
				2483.5~2496.5	2483.60	-38.91	≤-16	0.12853	≤25	PASS
				2496.5~13000	5207.45	-45.84	≤-26	0.02606	≤2.5	PASS
	3DH5	Ant1	2402	30~1000	115.85	-51.21	≤-26	0.00757	≤2.5	PASS
				1000~2387	2358.91	-48.88	≤-26	0.01294	≤2.5	PASS
				2387~2400	2400.00	-22.42	≤-16	5.72796	≤25	PASS
				2483.5~2496.5	2484.85	-38.04	≤-16	0.15704	≤25	PASS
				2496.5~13000	4804.12	-47.51	≤-26	0.01774	≤2.5	PASS
			2441	30~1000	801.64	-51.26	≤-26	0.00748	≤2.5	PASS
				1000~2387	2378.33	-50.19	≤-26	0.00957	≤2.5	PASS

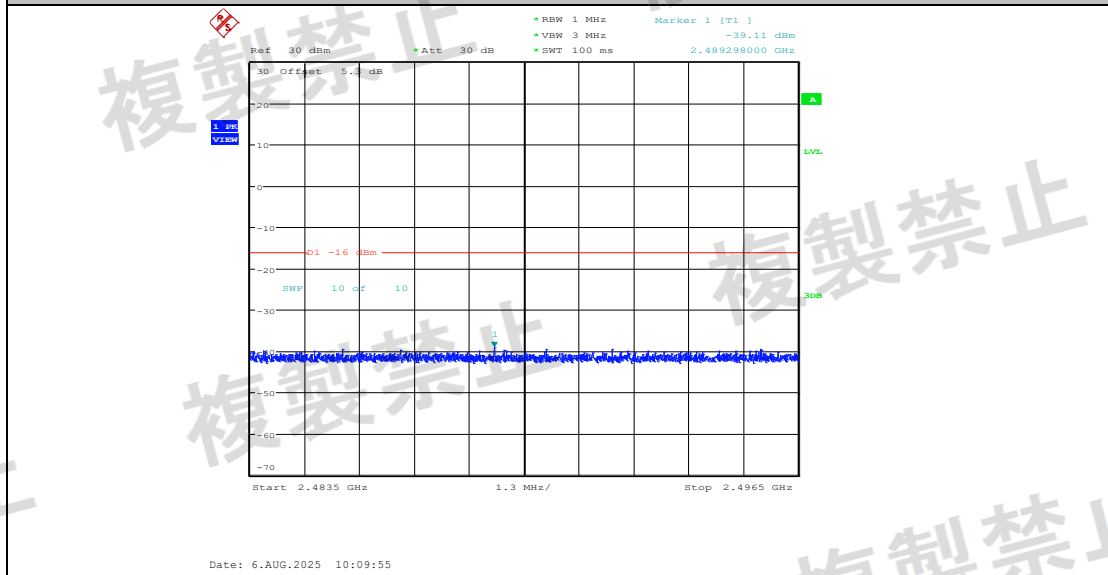
				2387~2400	2394.84	-38.95	≤-16	0.12735	≤25	PASS
				2483.5~2496.5	2487.71	-38.64	≤-16	0.13677	≤25	PASS
				2496.5~13000	4881.84	-46.30	≤-26	0.02344	≤2.5	PASS
			2480	30~1000	906.15	-51.54	≤-26	0.00701	≤2.5	PASS
				1000~2387	2224.03	-49.95	≤-26	0.01012	≤2.5	PASS
				2387~2400	2387.20	-39.08	≤-16	0.12359	≤25	PASS
				2483.5~2496.5	2483.53	-38.84	≤-16	0.13062	≤25	PASS
				2496.5~13000	4960.10	-45.69	≤-26	0.02698	≤2.5	PASS

Test Graphs

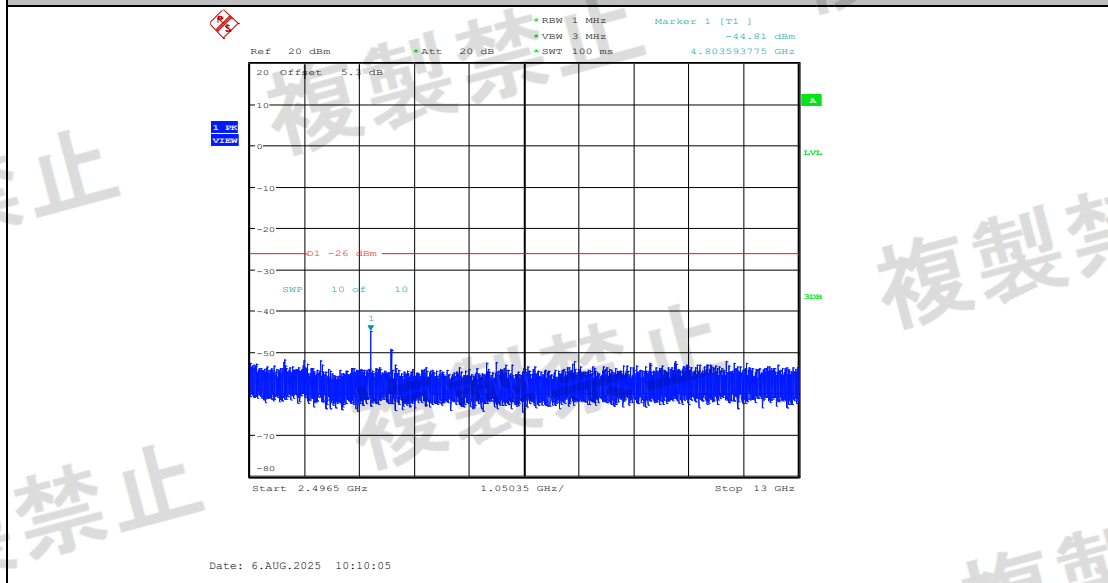


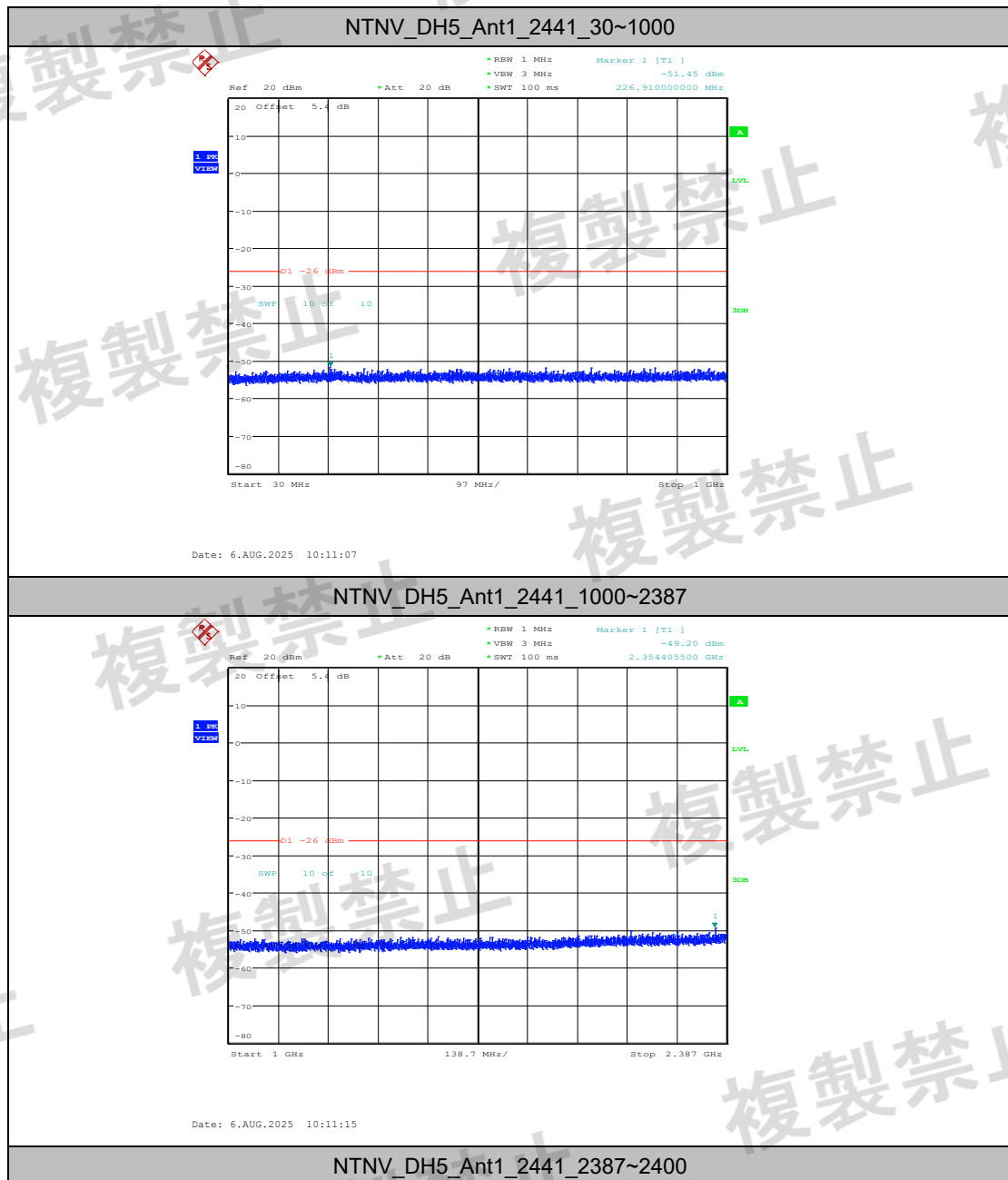


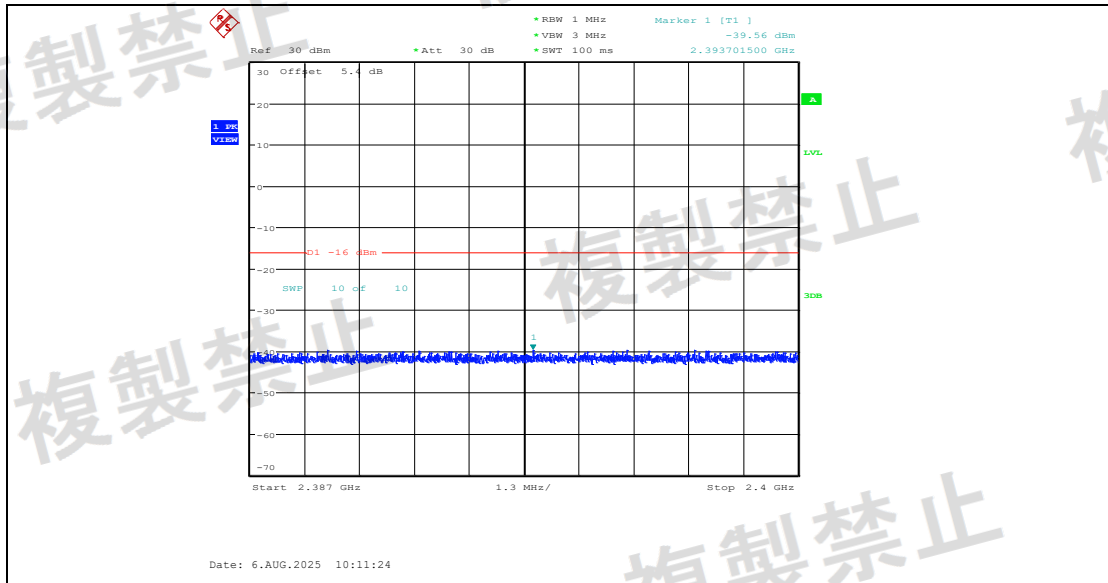
NTNV_DH5_Ant1_2402_2483.5~2496.5



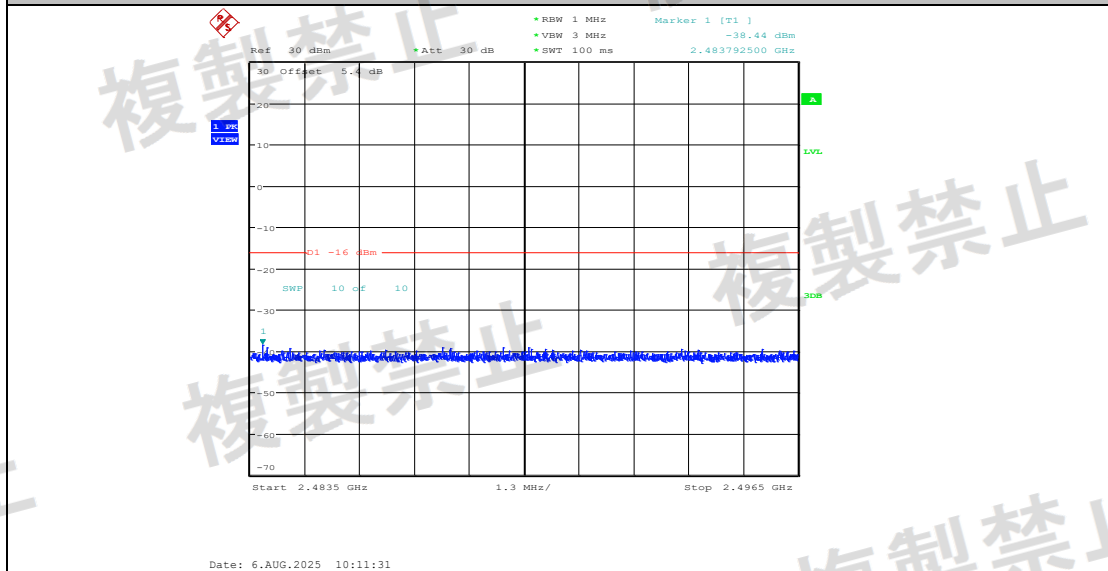
NTNV_DH5_Ant1_2402_2496.5~13000



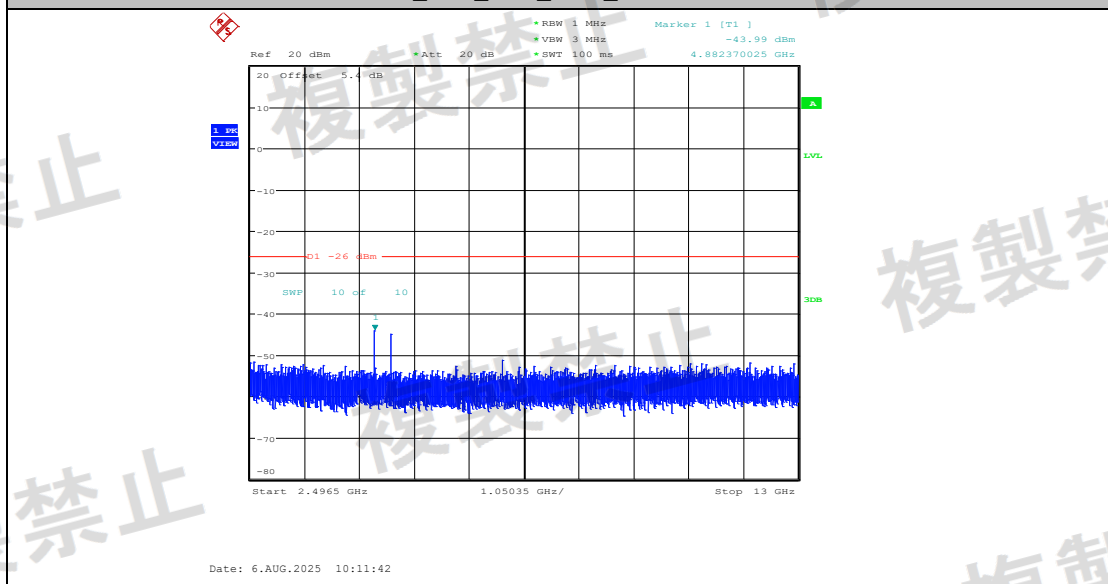


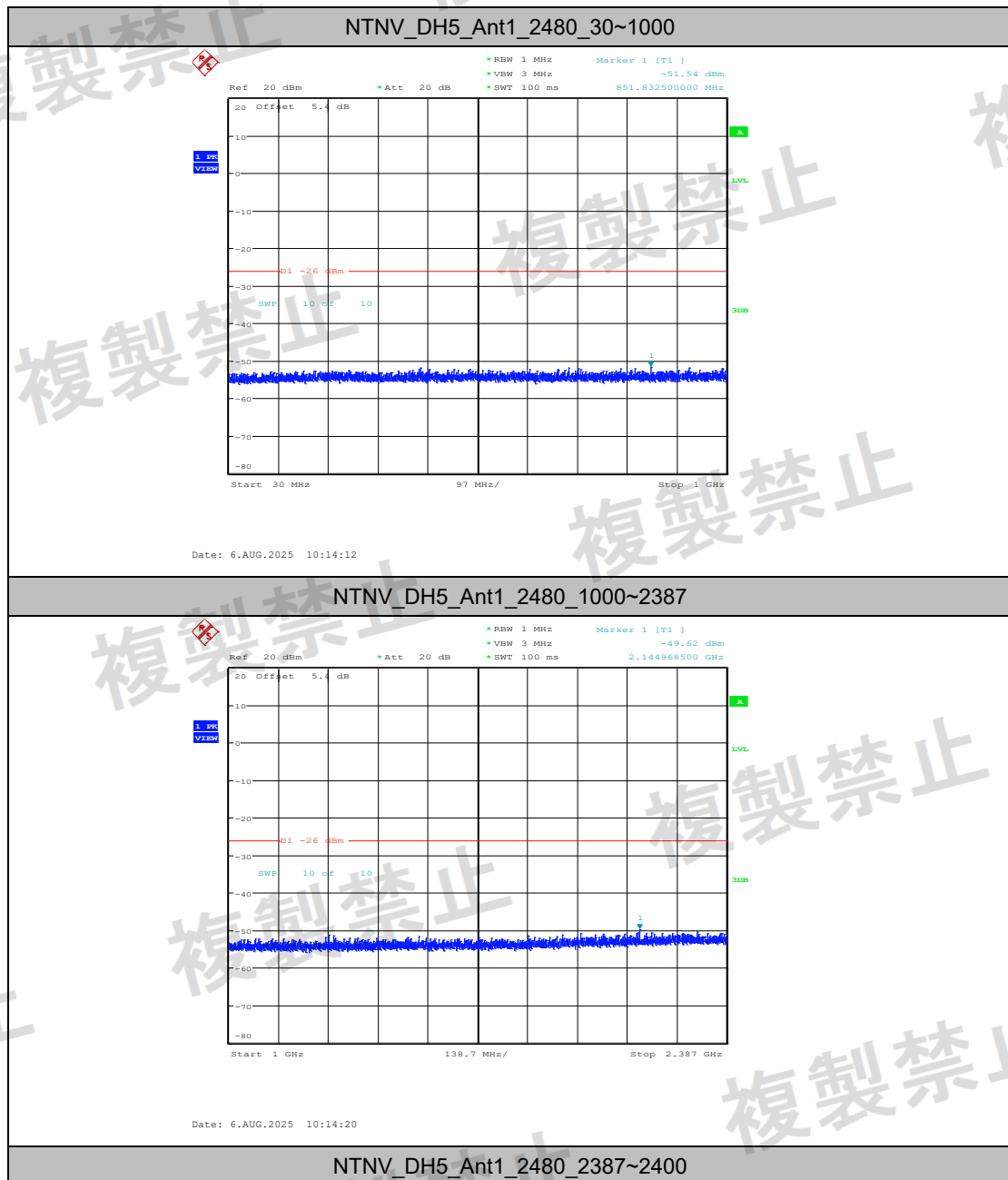


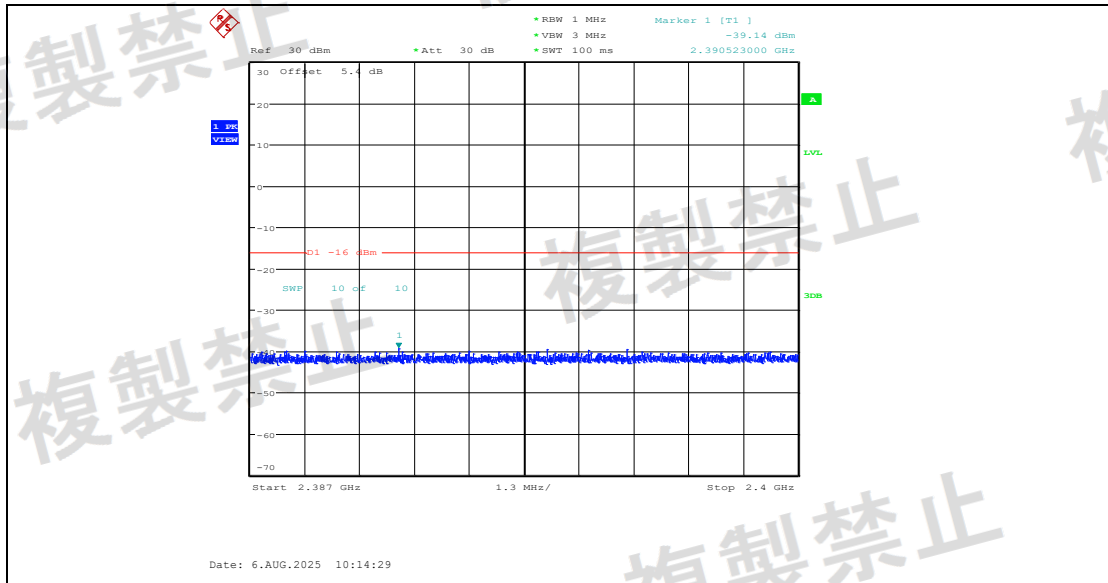
NTVN_DH5_Ant1_2441_2483.5~2496.5



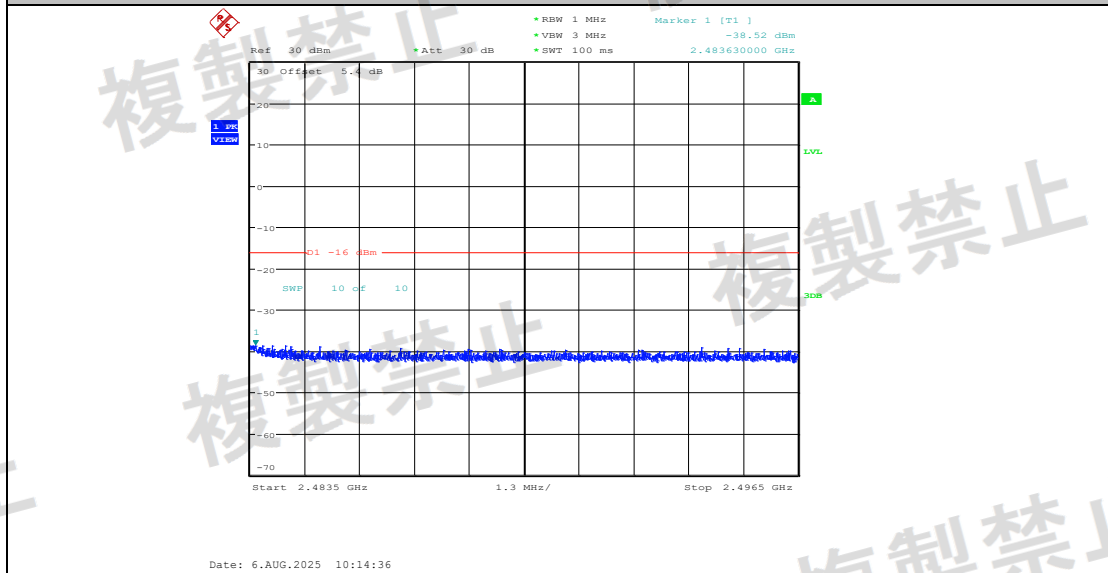
NTVN_DH5_Ant1_2441_2496.5~13000



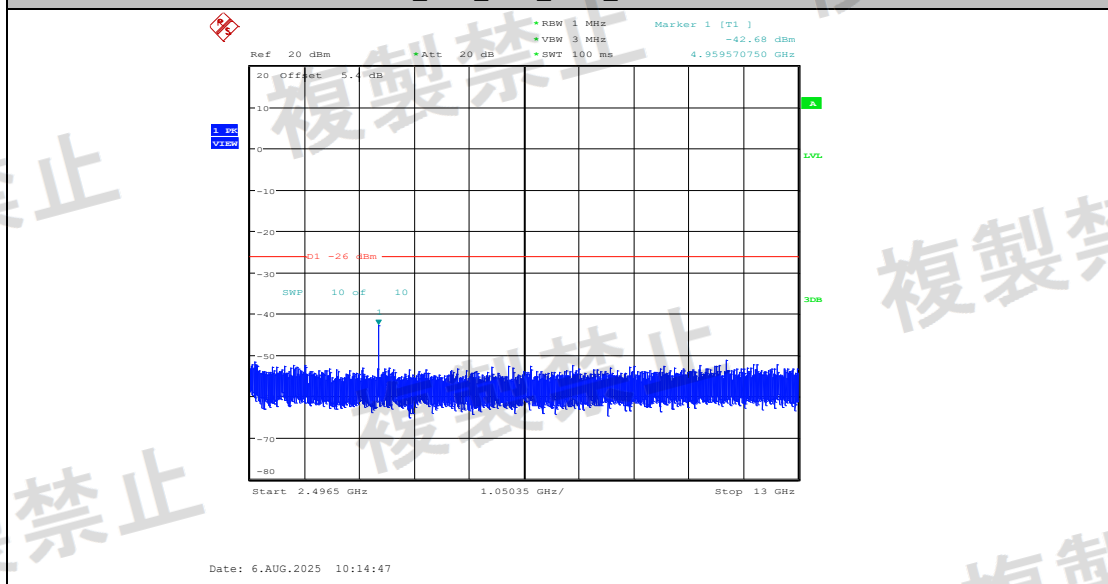


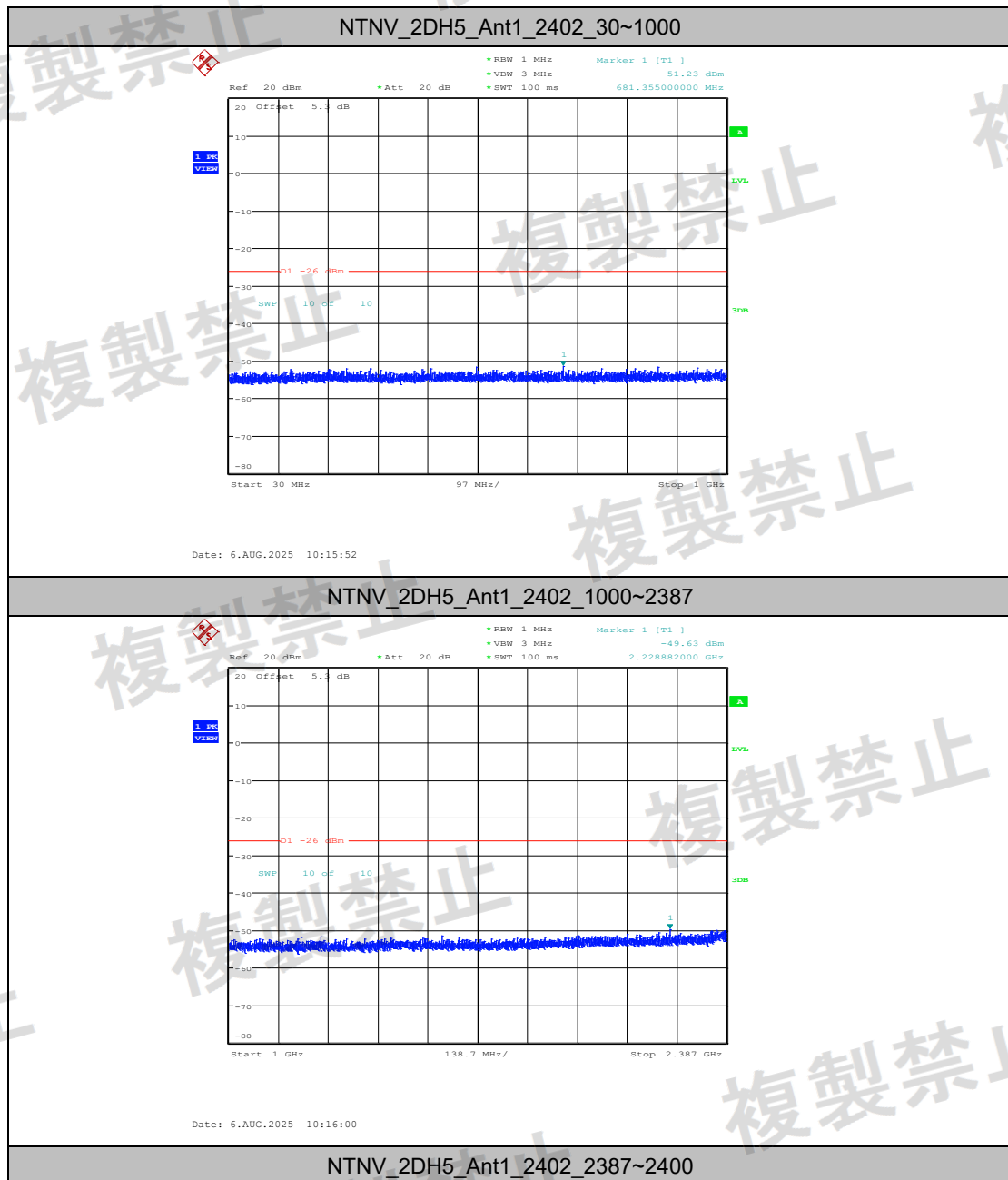


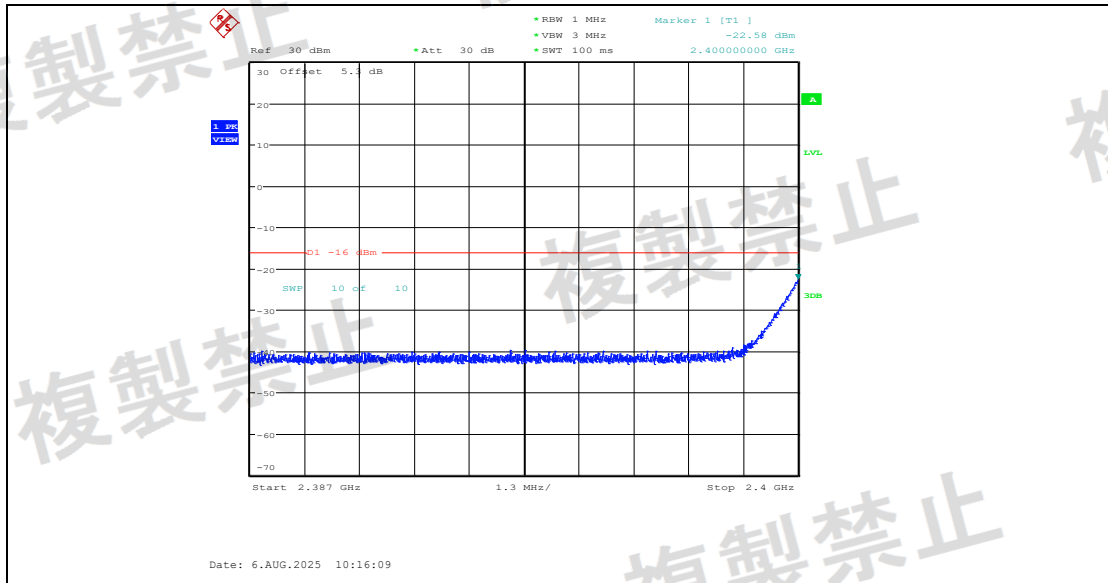
NTVN_DH5_Ant1_2480_2483.5~2496.5



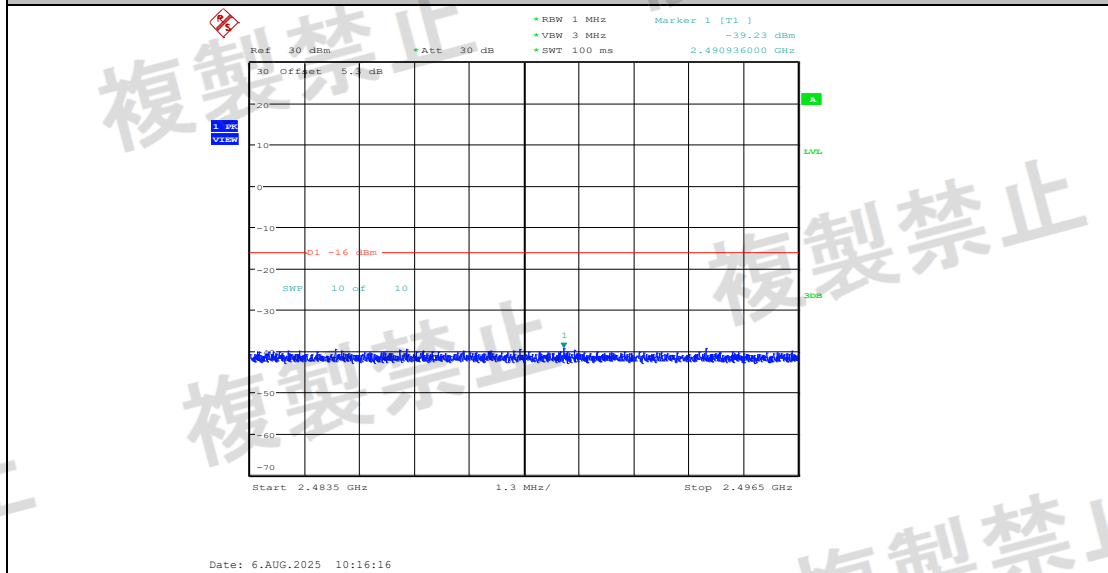
NTVN_DH5_Ant1_2480_2496.5~13000



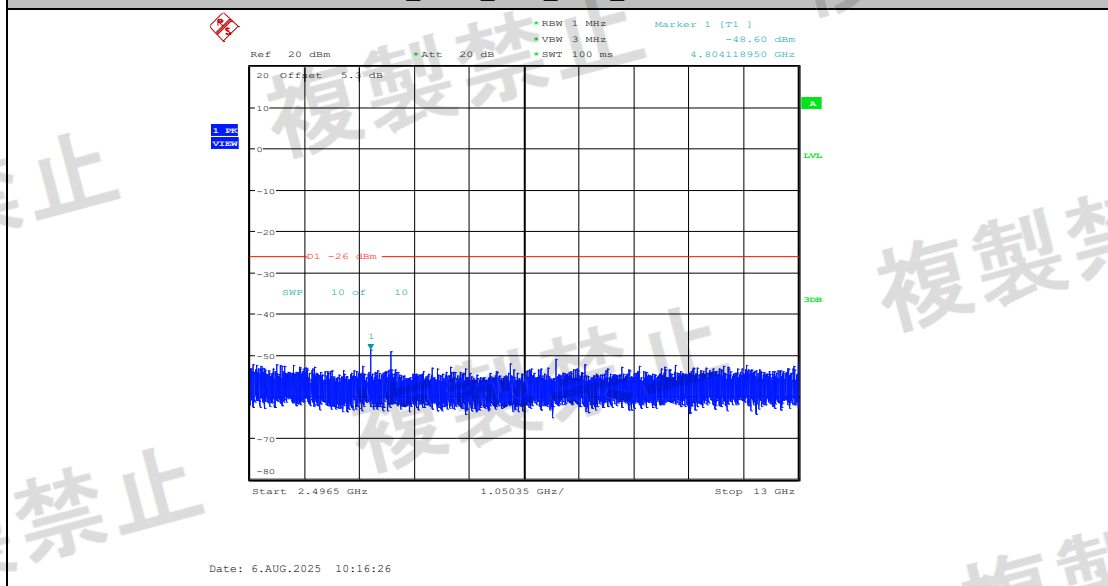


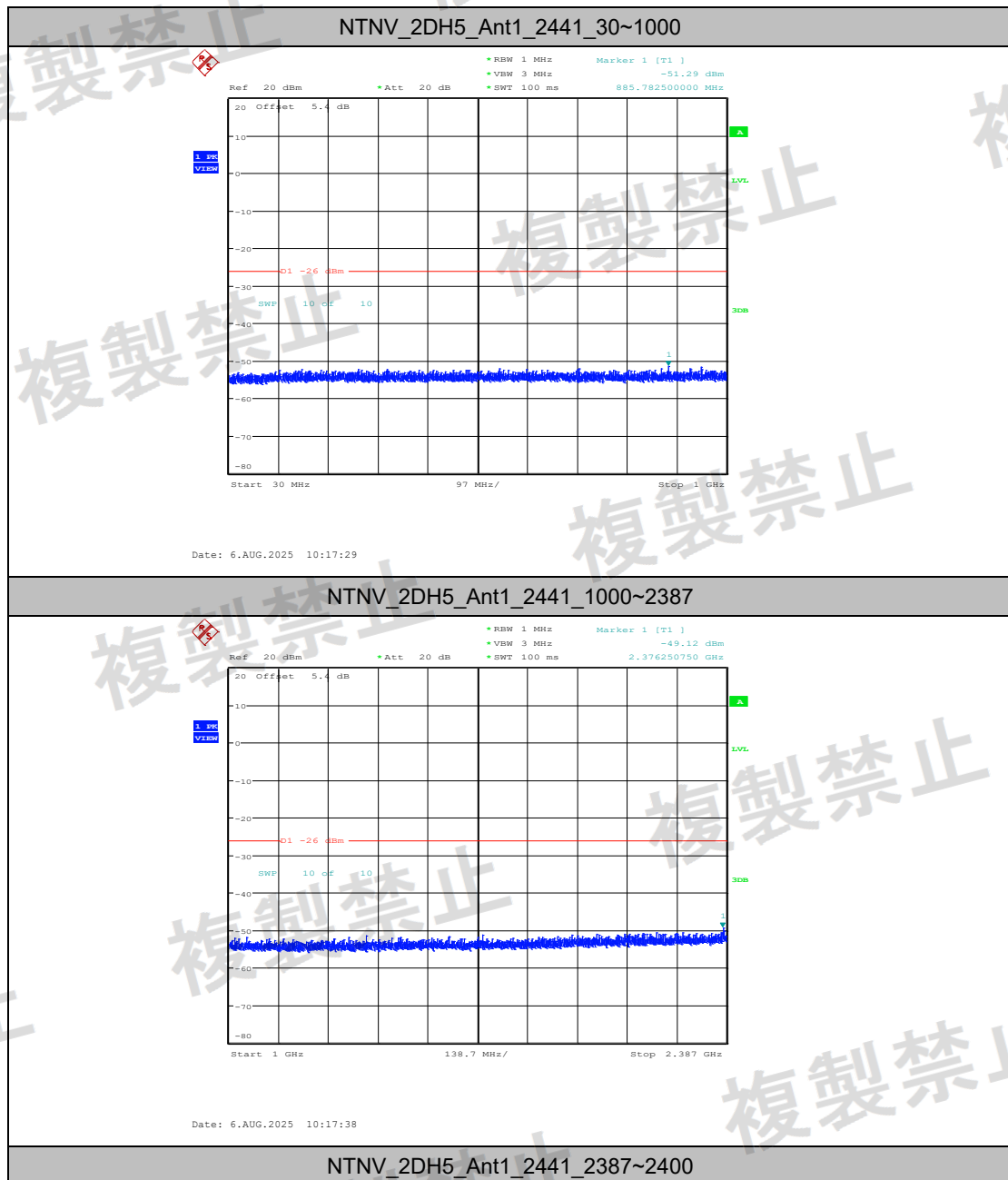


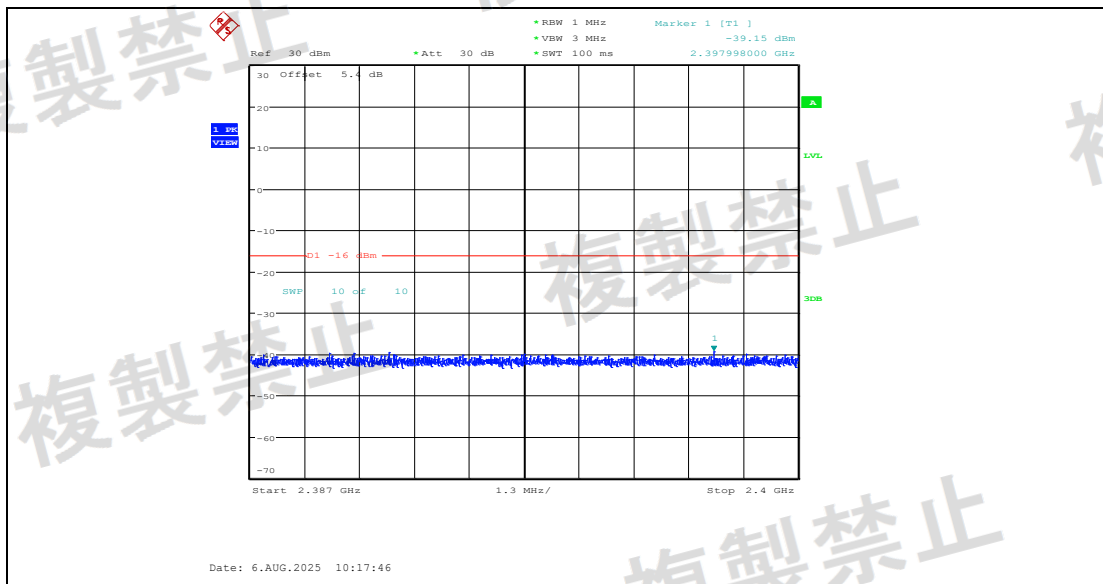
NTNV_2DH5_Ant1_2402_2483.5~2496.5



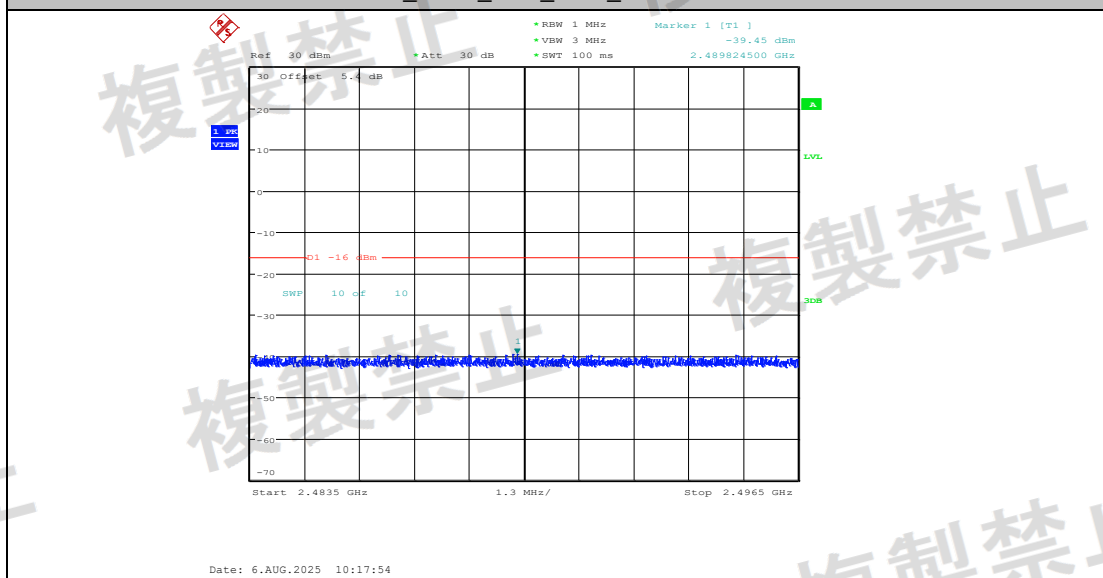
NTNV_2DH5_Ant1_2402_2496.5~13000



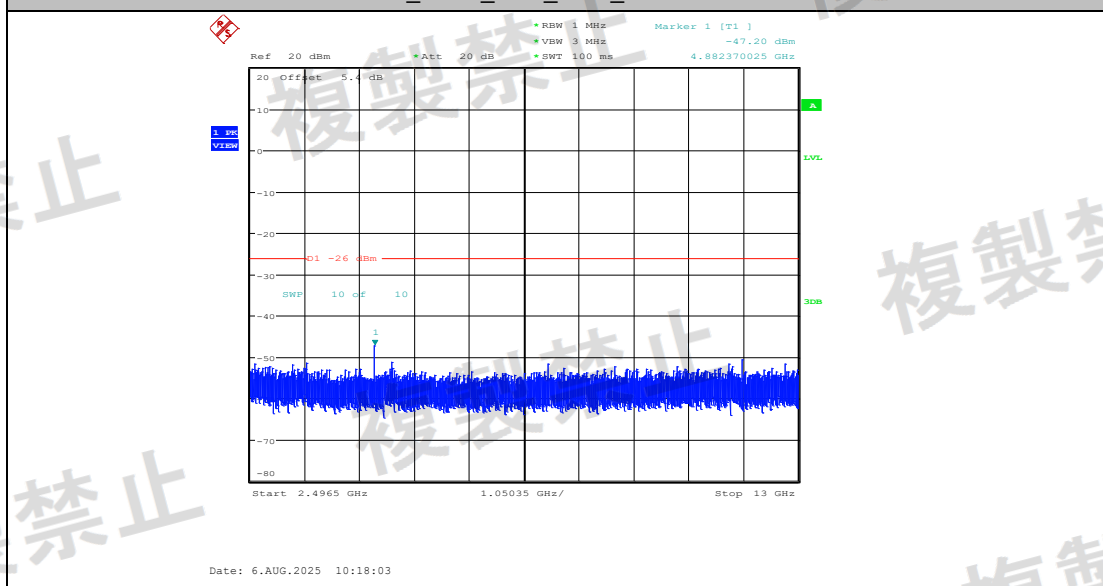


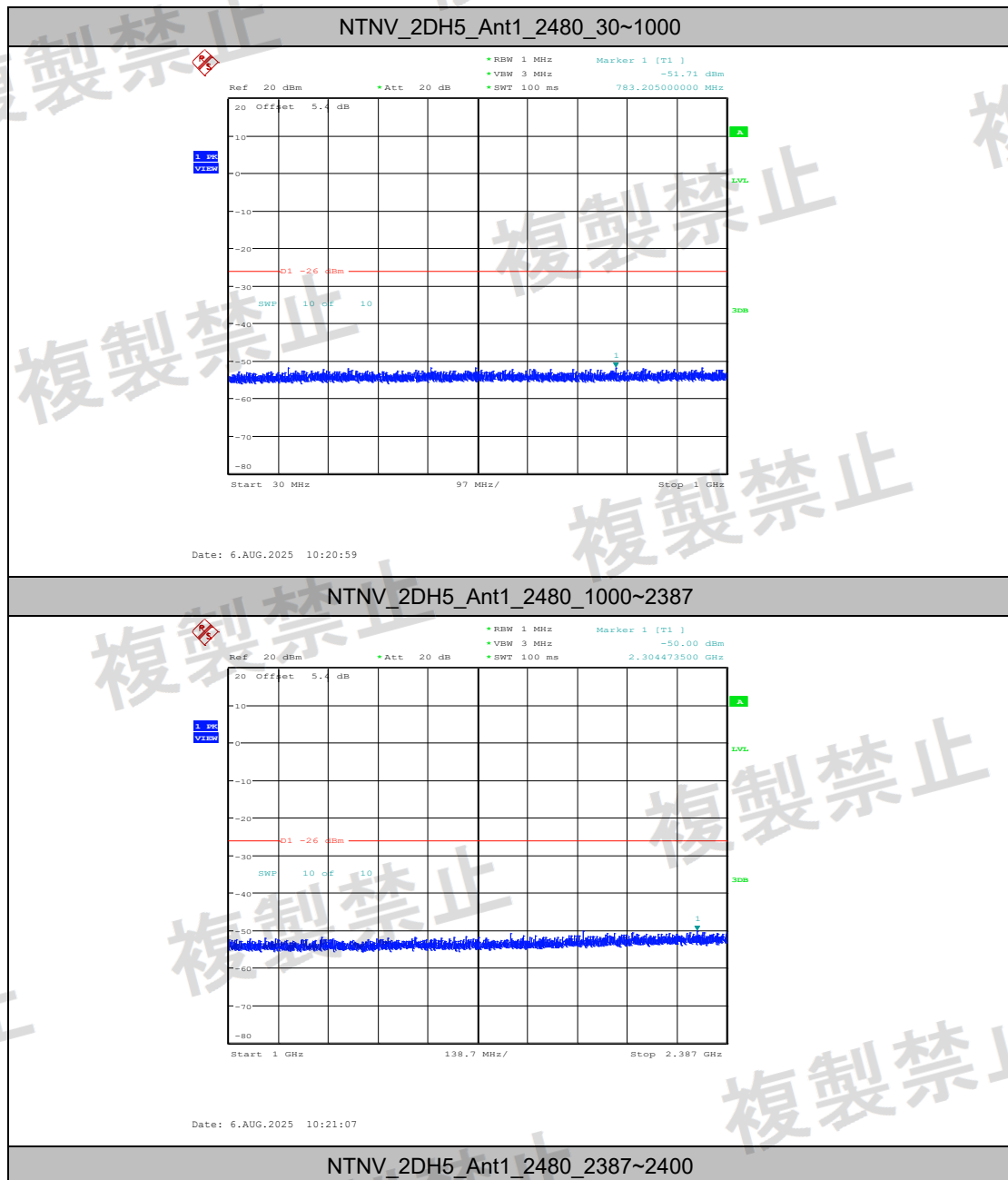


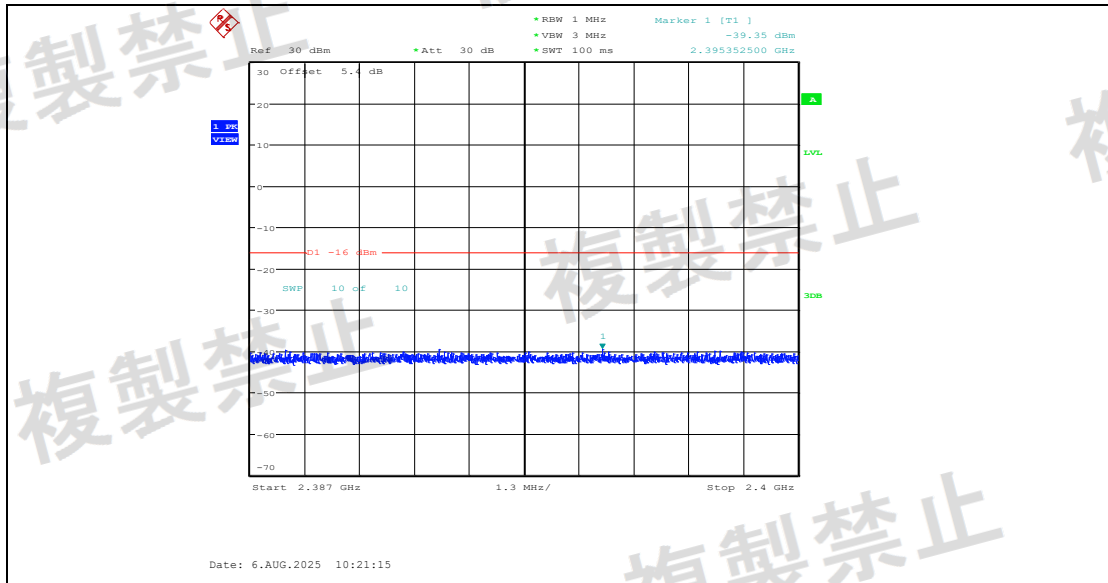
NTNV_2DH5_Ant1_2441_2483.5~2496.5



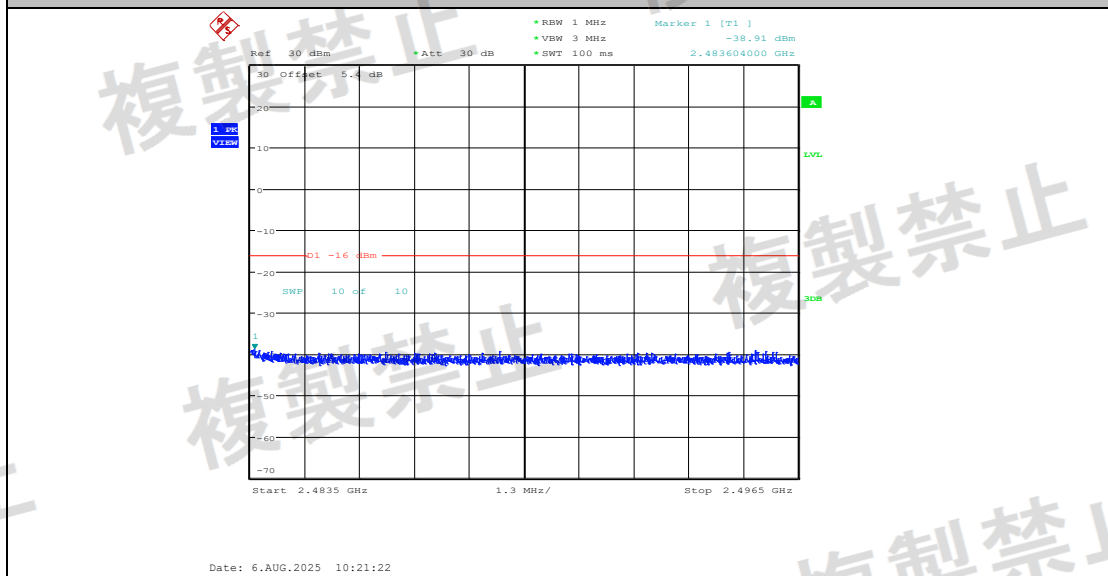
NTNV_2DH5_Ant1_2441_2496.5~13000



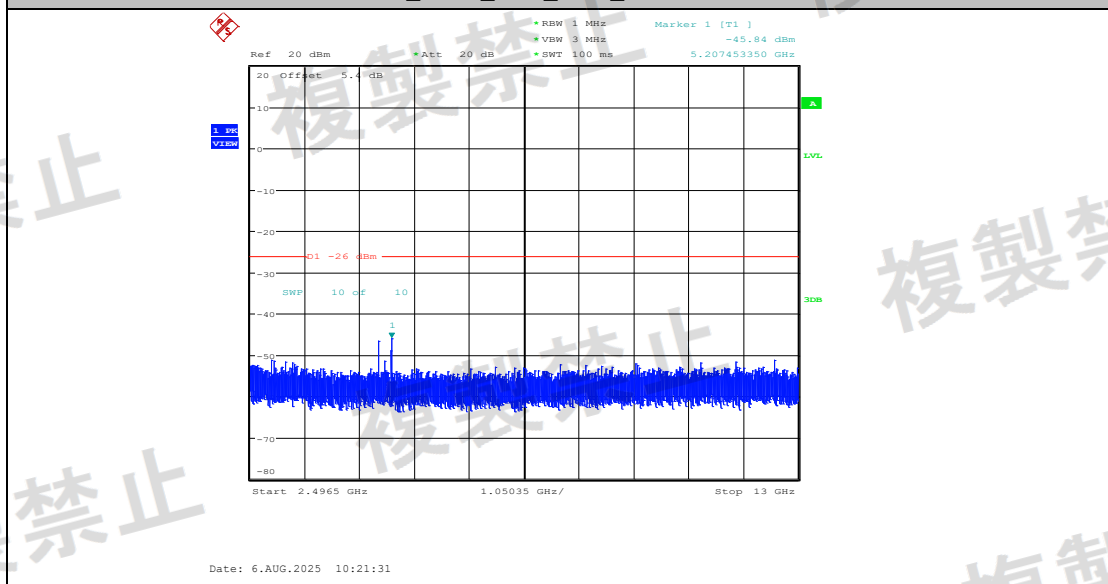


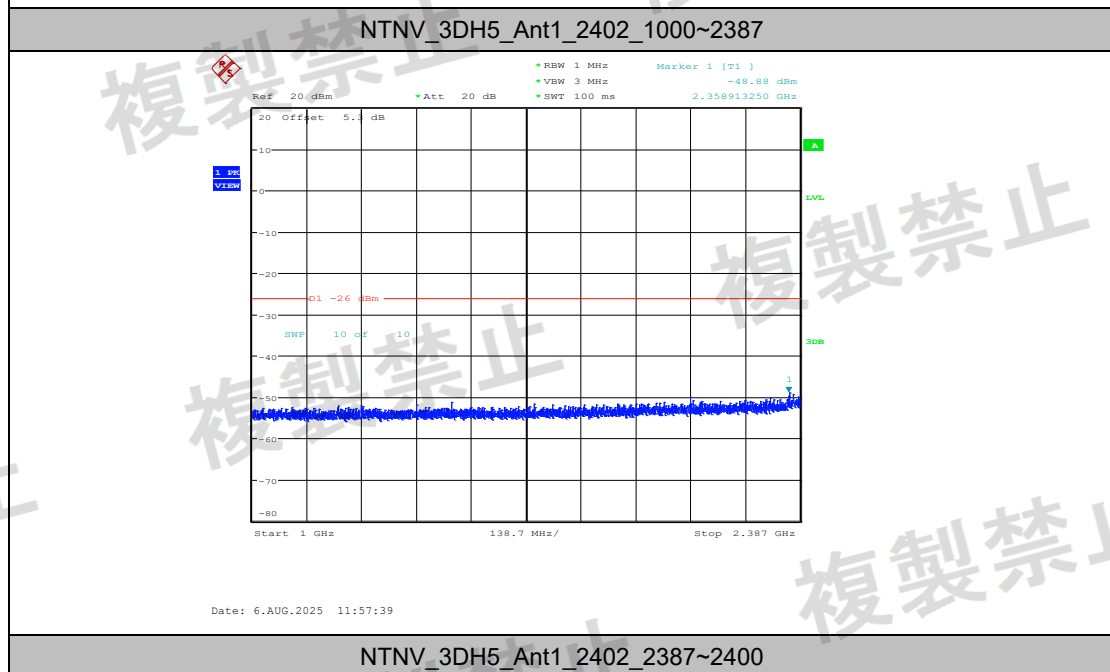
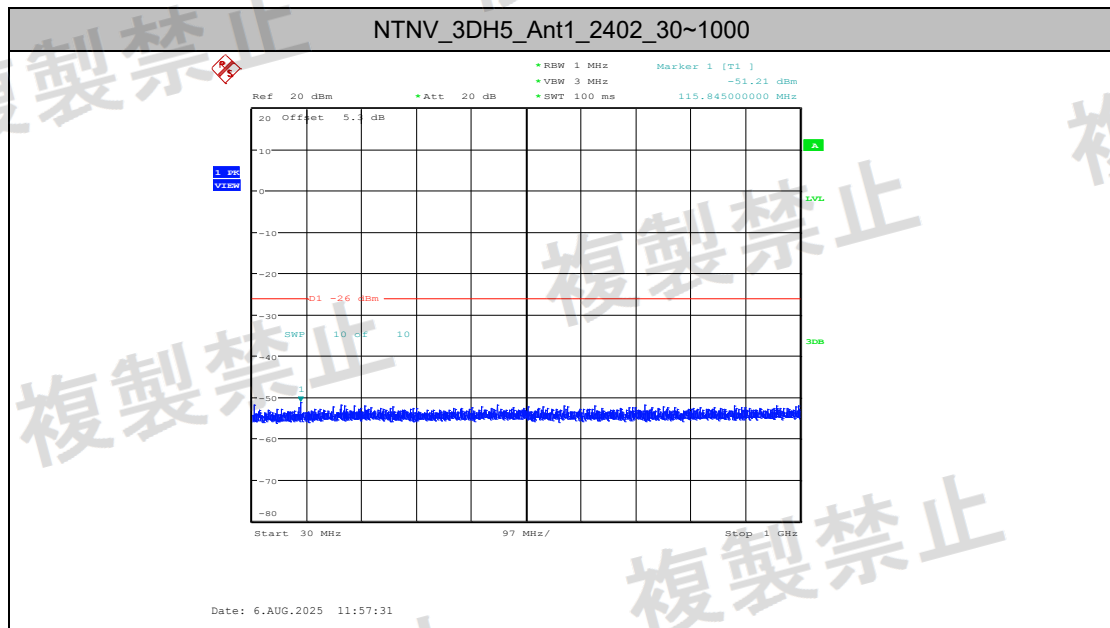


NTNV_2DH5_Ant1_2480_2483.5~2496.5

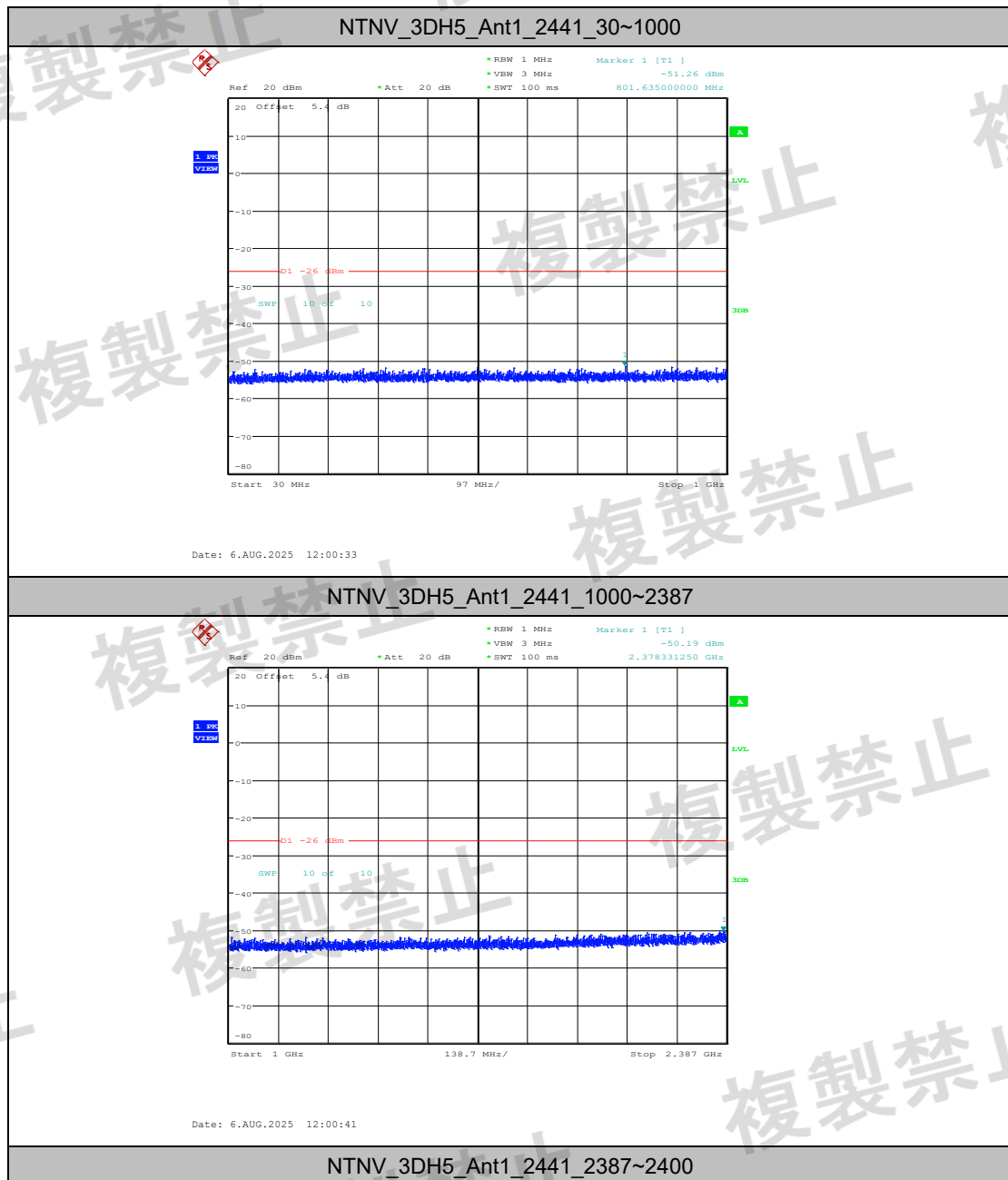


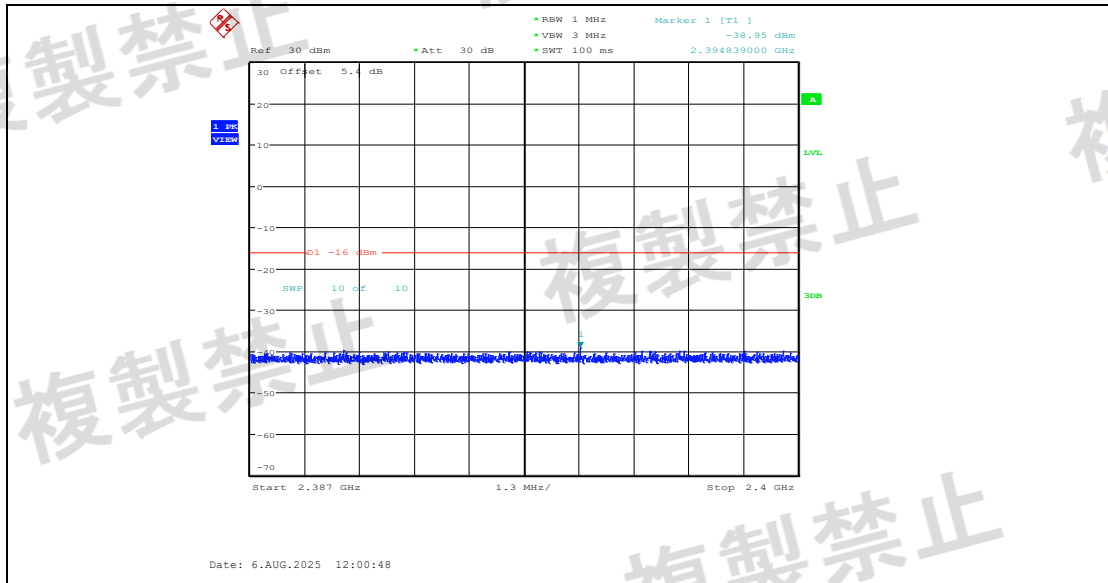
NTNV_2DH5_Ant1_2480_2496.5~13000



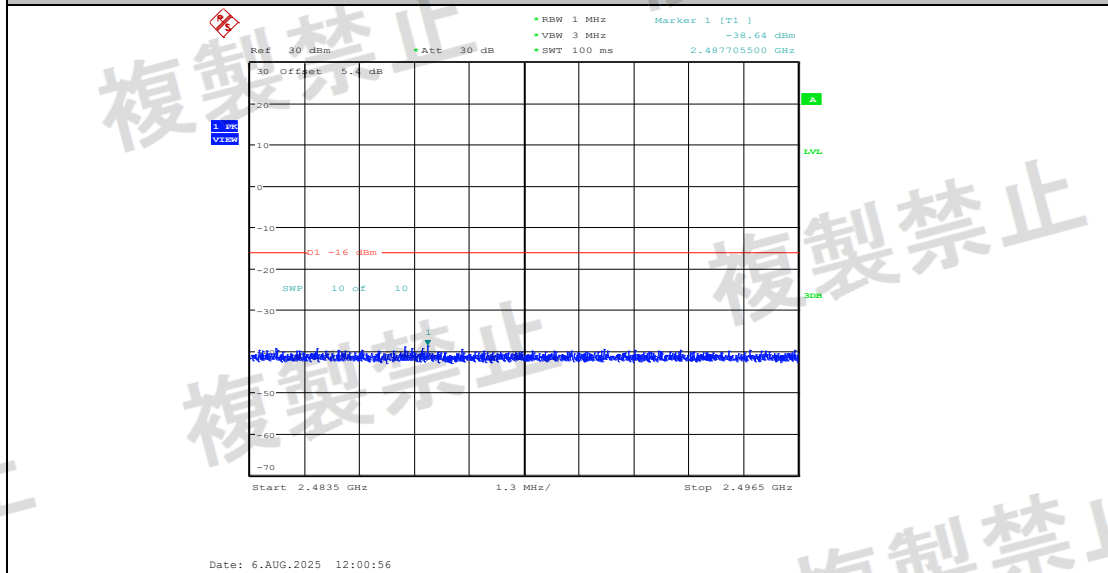


NTNV_3DH5_Ant1_2402_2387~2400

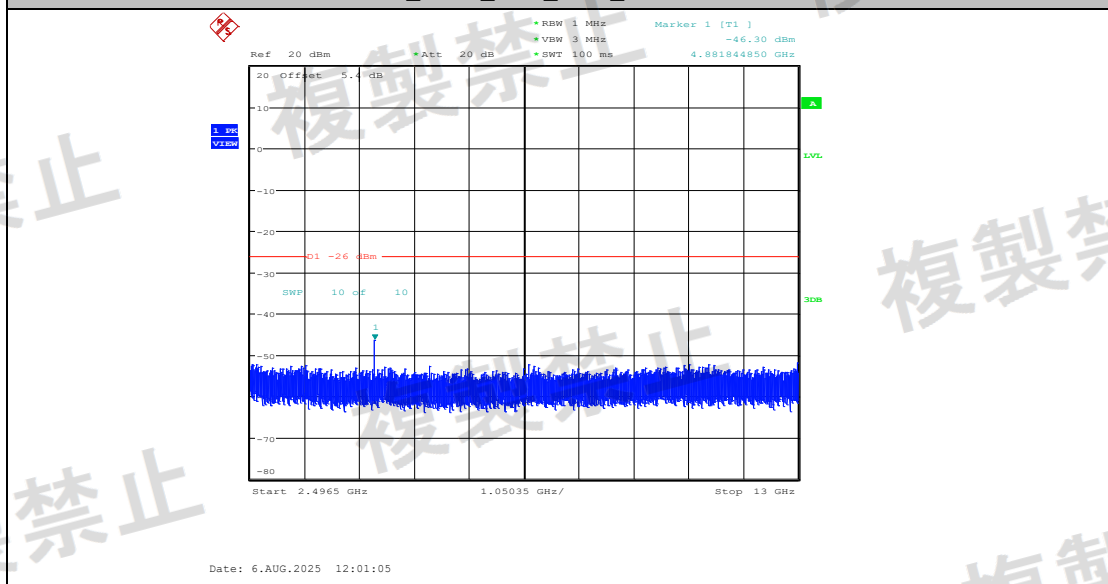


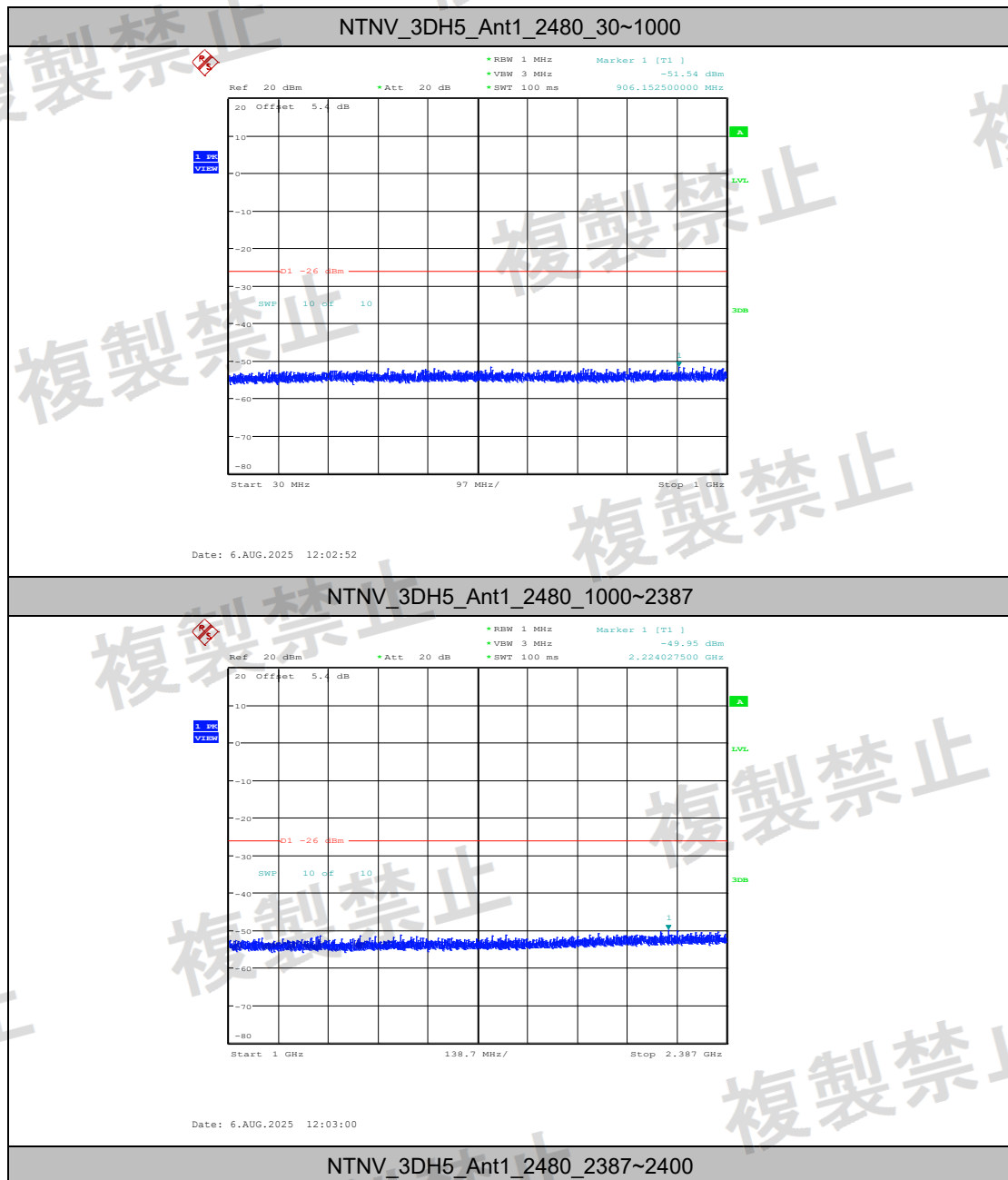


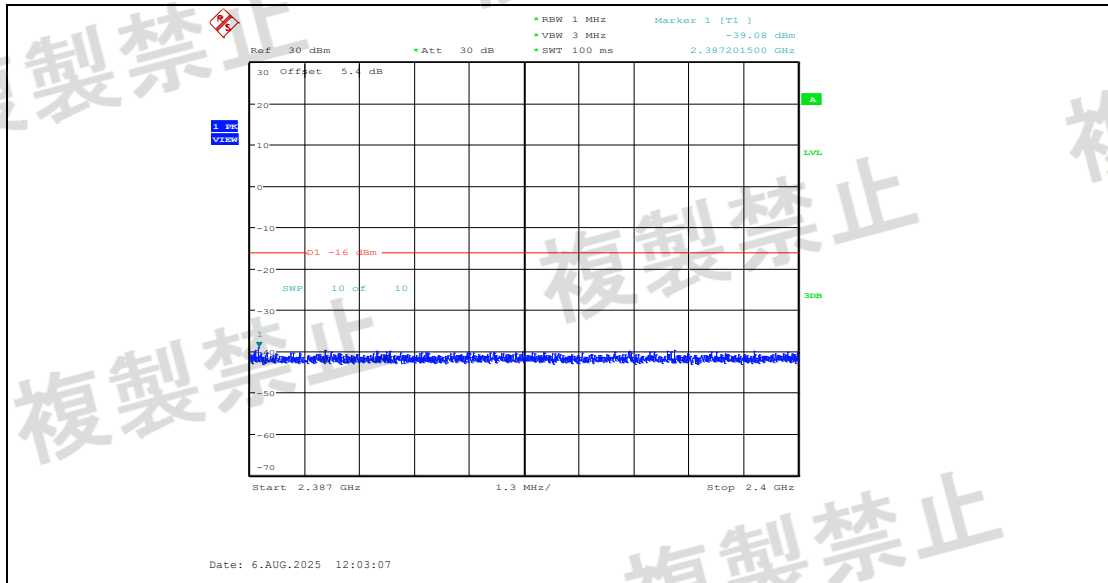
NTNV_3DH5_Ant1_2441_2483.5~2496.5



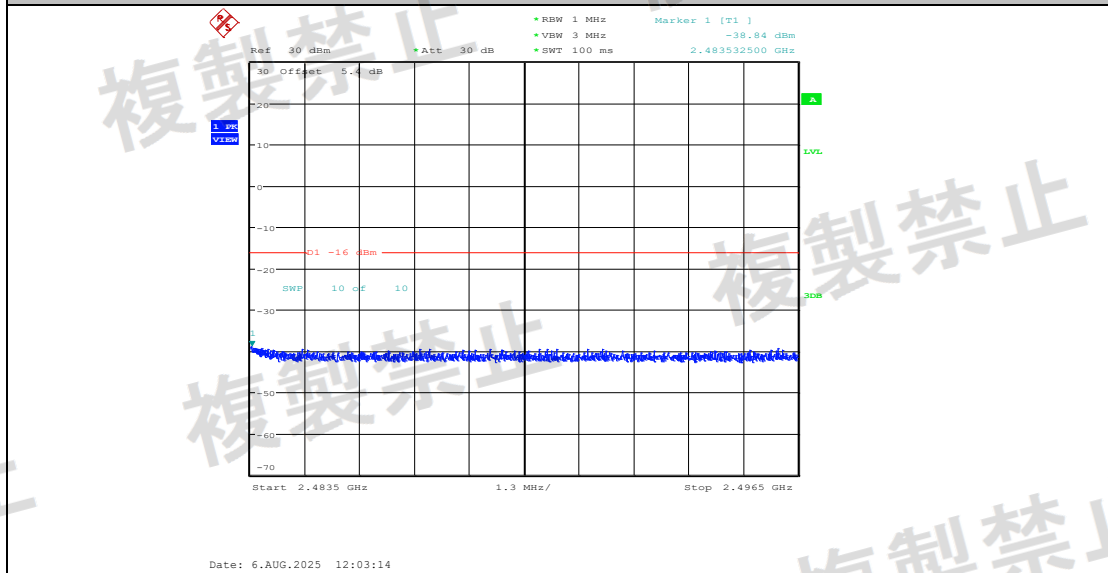
NTNV_3DH5_Ant1_2441_2496.5~13000



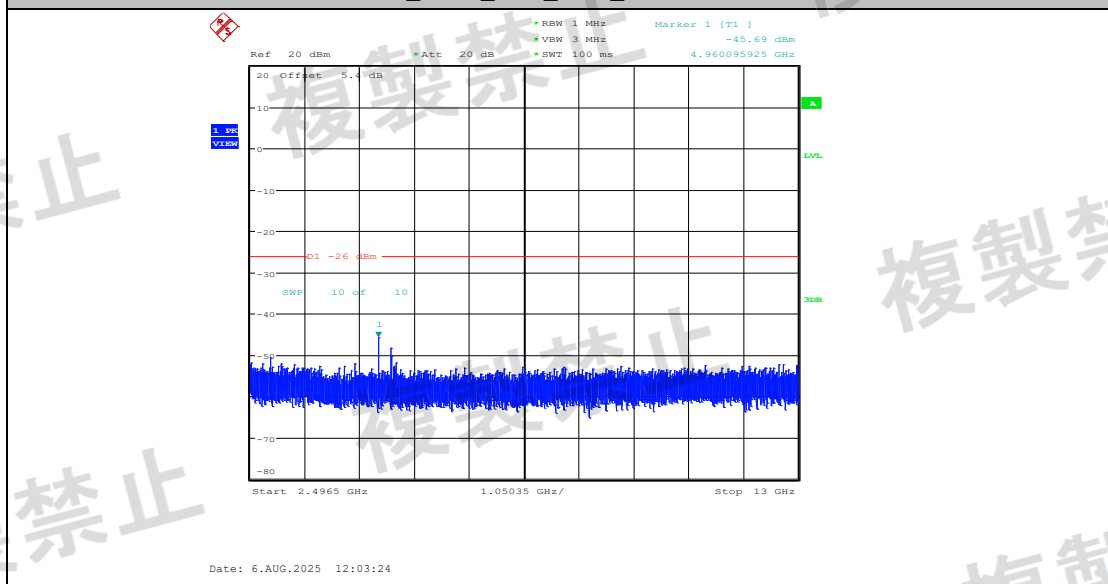




NTNV_3DH5_Ant1_2480_2483.5~2496.5



NTNV_3DH5_Ant1_2480_2496.5~13000

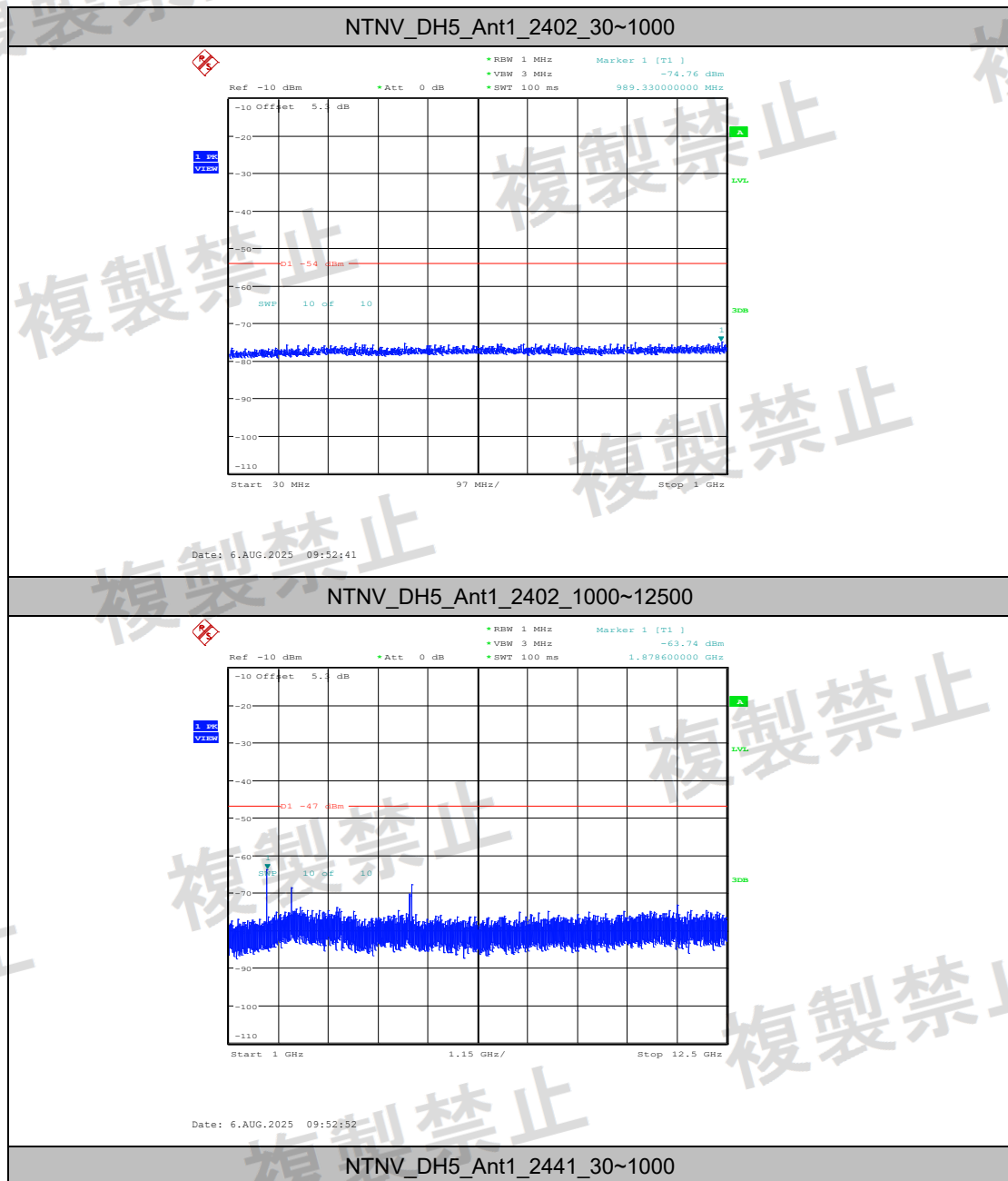


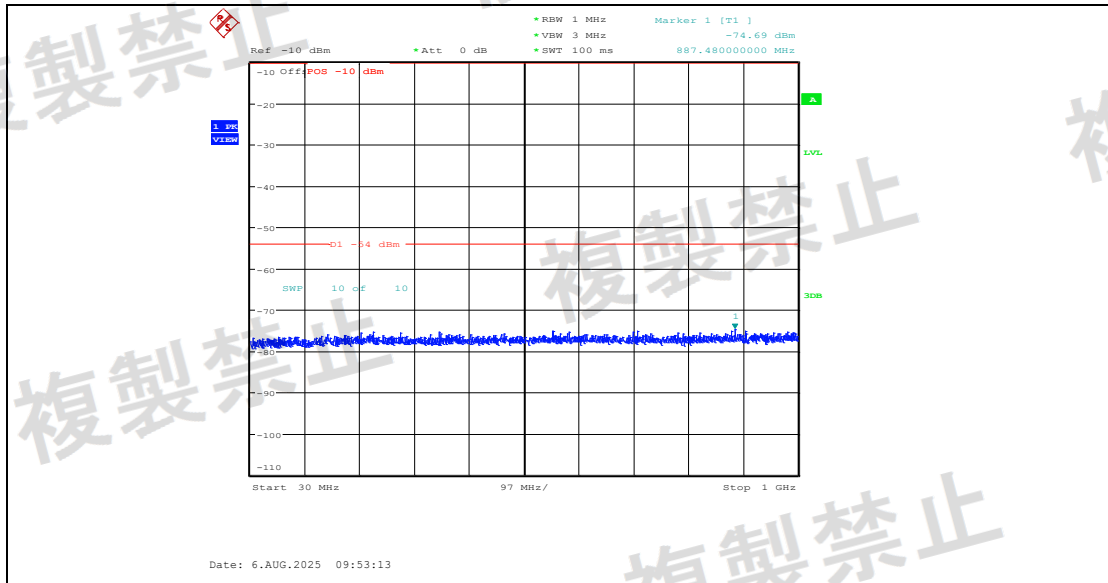
Appendix E: Spurious Emission of RX

Test Result

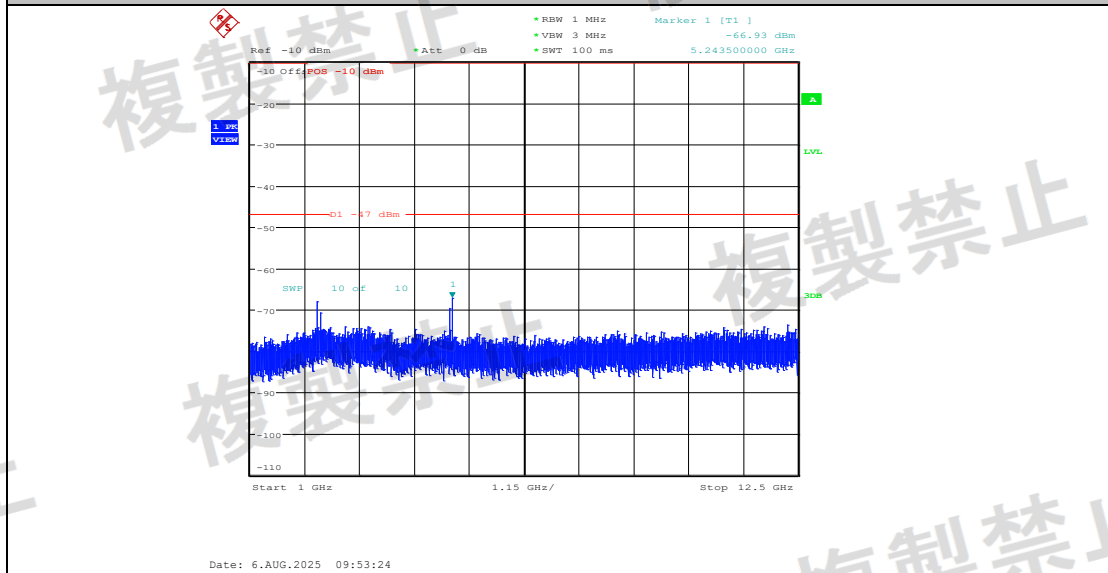
Test Condition	Test Mode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	989.33	-74.76	≤-54	0.03342	≤4	PASS
				1000~12500	1878.60	-63.74	≤-47	0.42267	≤20	PASS
			2441	30~1000	887.48	-74.69	≤-54	0.03396	≤4	PASS
				1000~12500	5243.50	-66.93	≤-47	0.20277	≤20	PASS
			2480	30~1000	509.67	-74.75	≤-54	0.03350	≤4	PASS
				1000~12500	5274.55	-66.49	≤-47	0.22439	≤20	PASS
	2DH5	Ant1	2402	30~1000	913.67	-67.19	≤-54	0.19099	≤4	PASS
				1000~12500	2443.25	-59.35	≤-47	1.16145	≤20	PASS
			2441	30~1000	357.86	-74.18	≤-54	0.03819	≤4	PASS
				1000~12500	2439.23	-57.01	≤-47	1.99067	≤20	PASS
			2480	30~1000	990.79	-74.33	≤-54	0.03690	≤4	PASS
				1000~12500	5253.85	-71.34	≤-47	0.07345	≤20	PASS
	3DH5	Ant1	2402	30~1000	941.80	-74.17	≤-54	0.03828	≤4	PASS
				1000~12500	2419.10	-61.66	≤-47	0.68234	≤20	PASS
			2441	30~1000	913.67	-72.18	≤-54	0.06053	≤4	PASS
				1000~12500	1879.75	-65.98	≤-47	0.25235	≤20	PASS
			2480	30~1000	240.01	-74.28	≤-54	0.03733	≤4	PASS
				1000~12500	5203.25	-58.42	≤-47	1.43880	≤20	PASS

Test Graphs

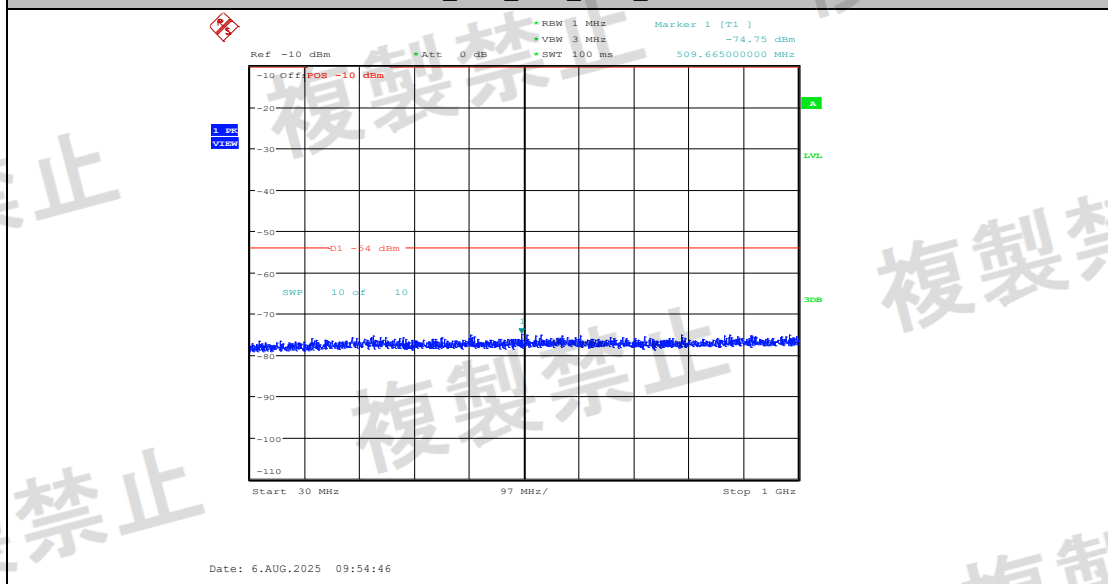


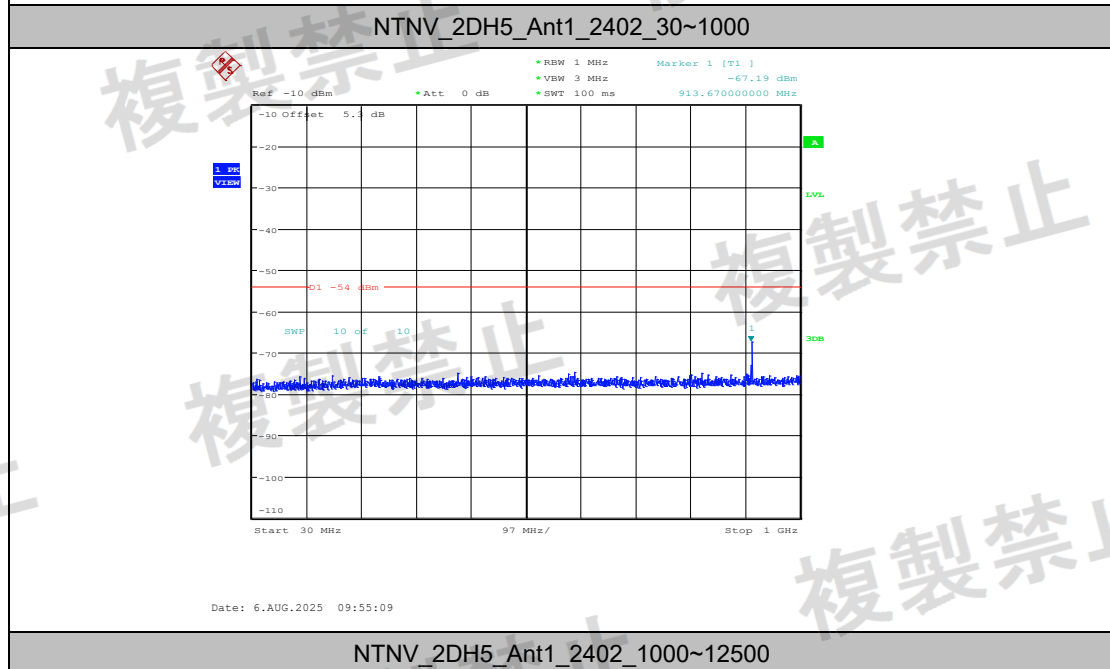
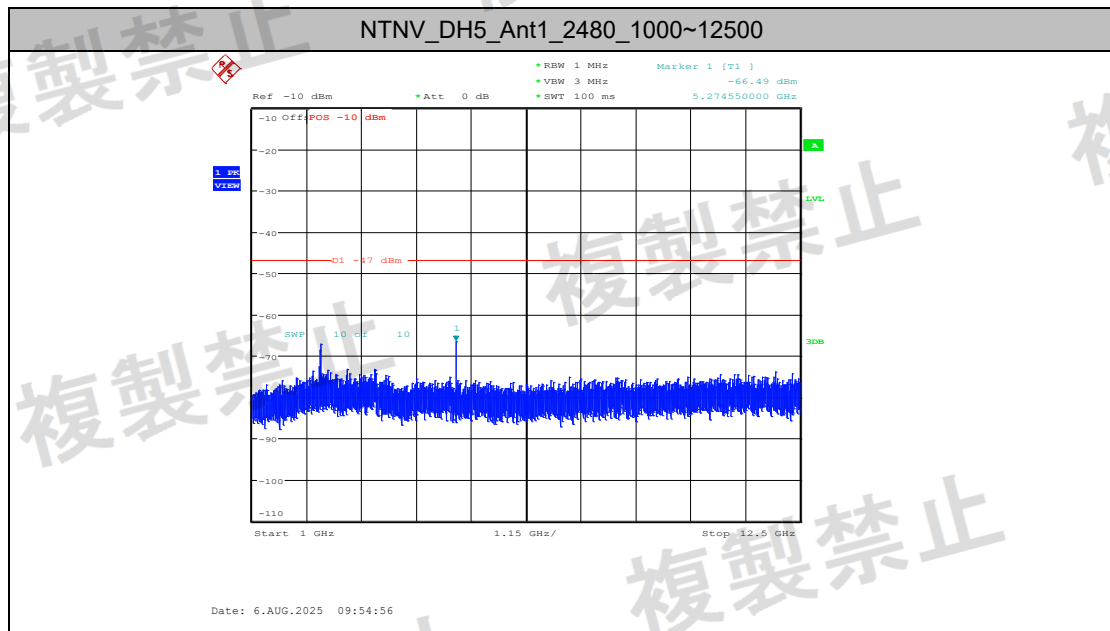


NTNV_DH5_Ant1_2441_1000~12500

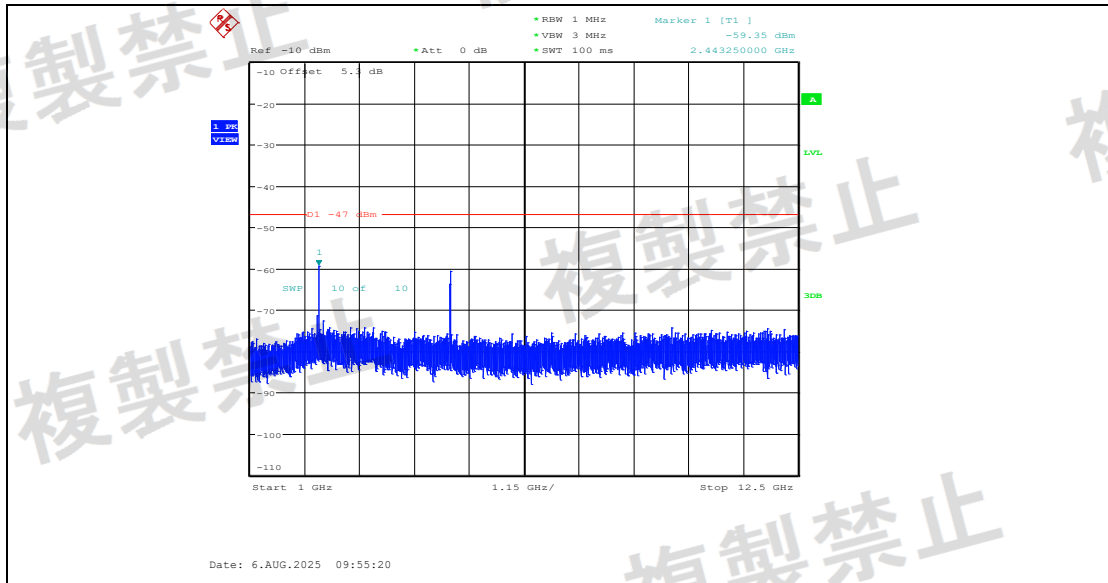


NTNV_DH5_Ant1_2480_30~1000

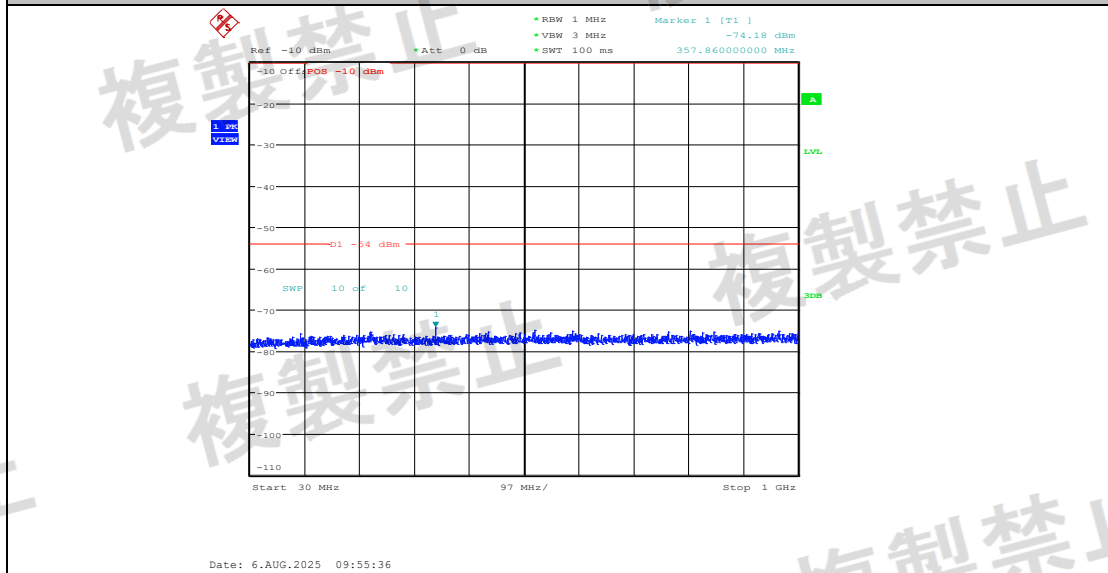




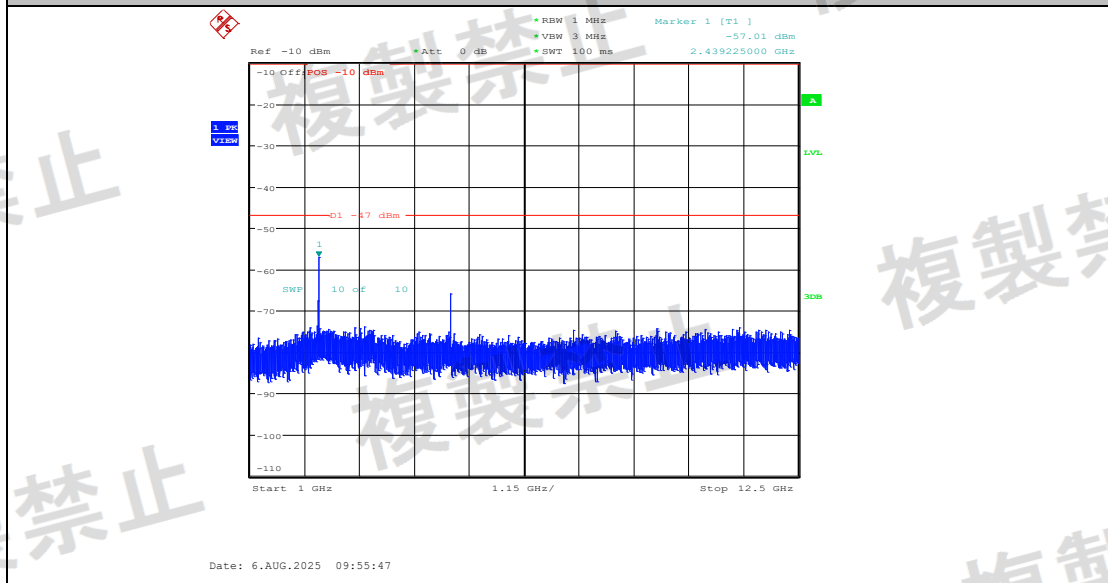
NTNV_2DH5_Ant1_2402_1000~12500

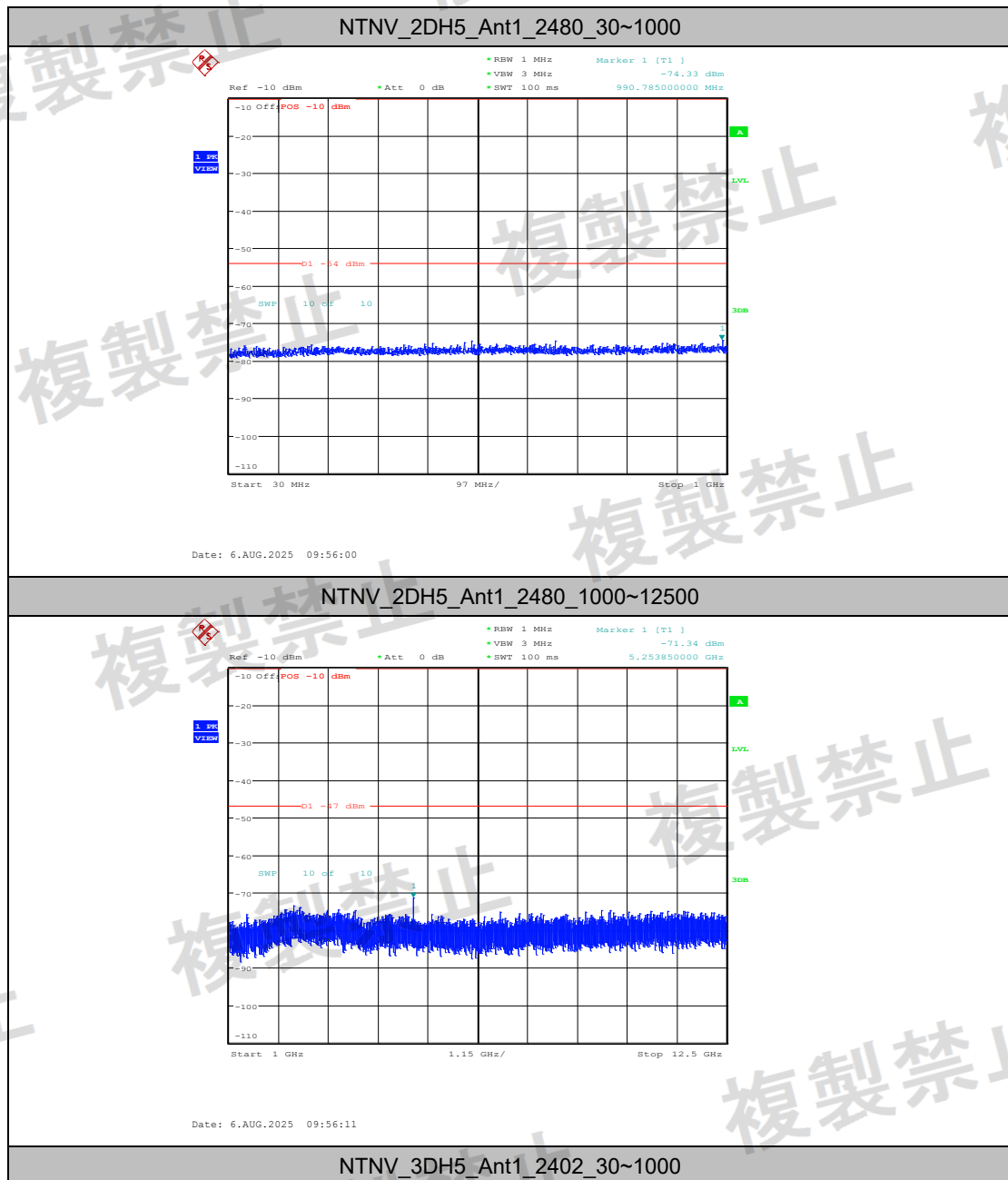


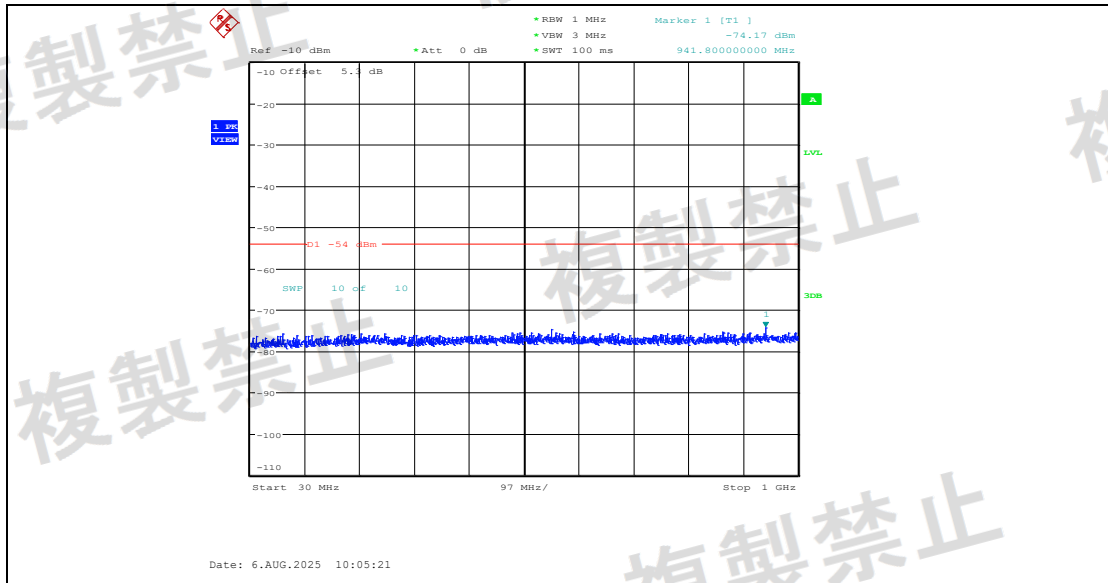
NTNV_2DH5_Ant1_2441_30~1000



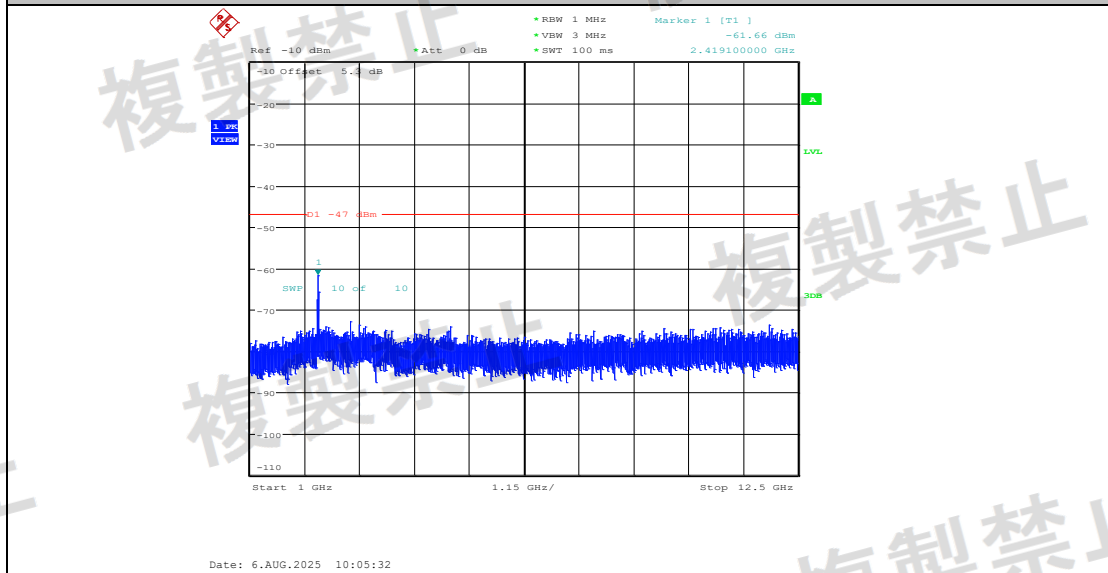
NTNV_2DH5_Ant1_2441_1000~12500



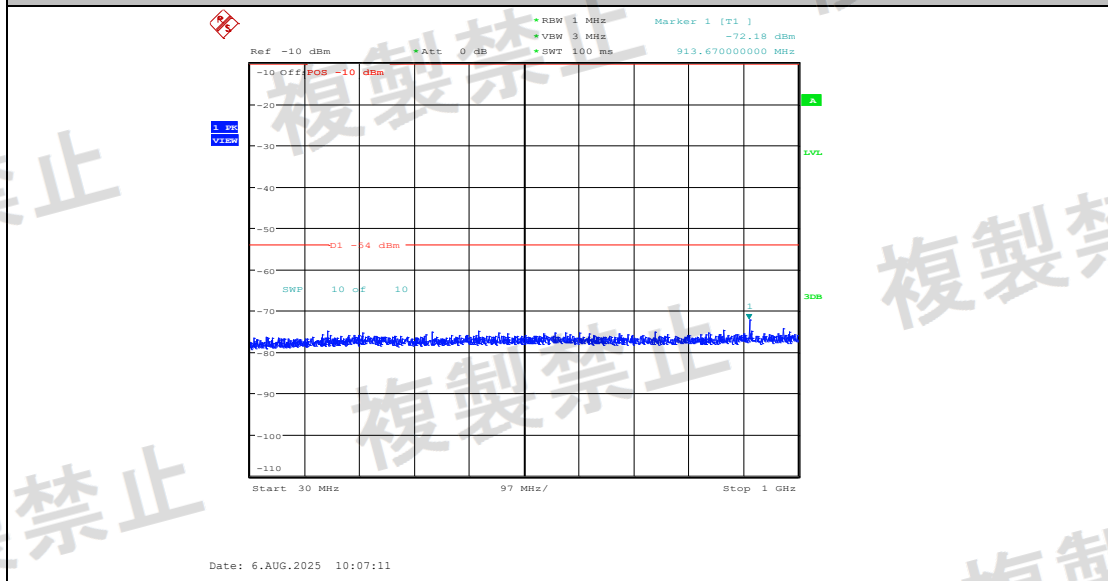


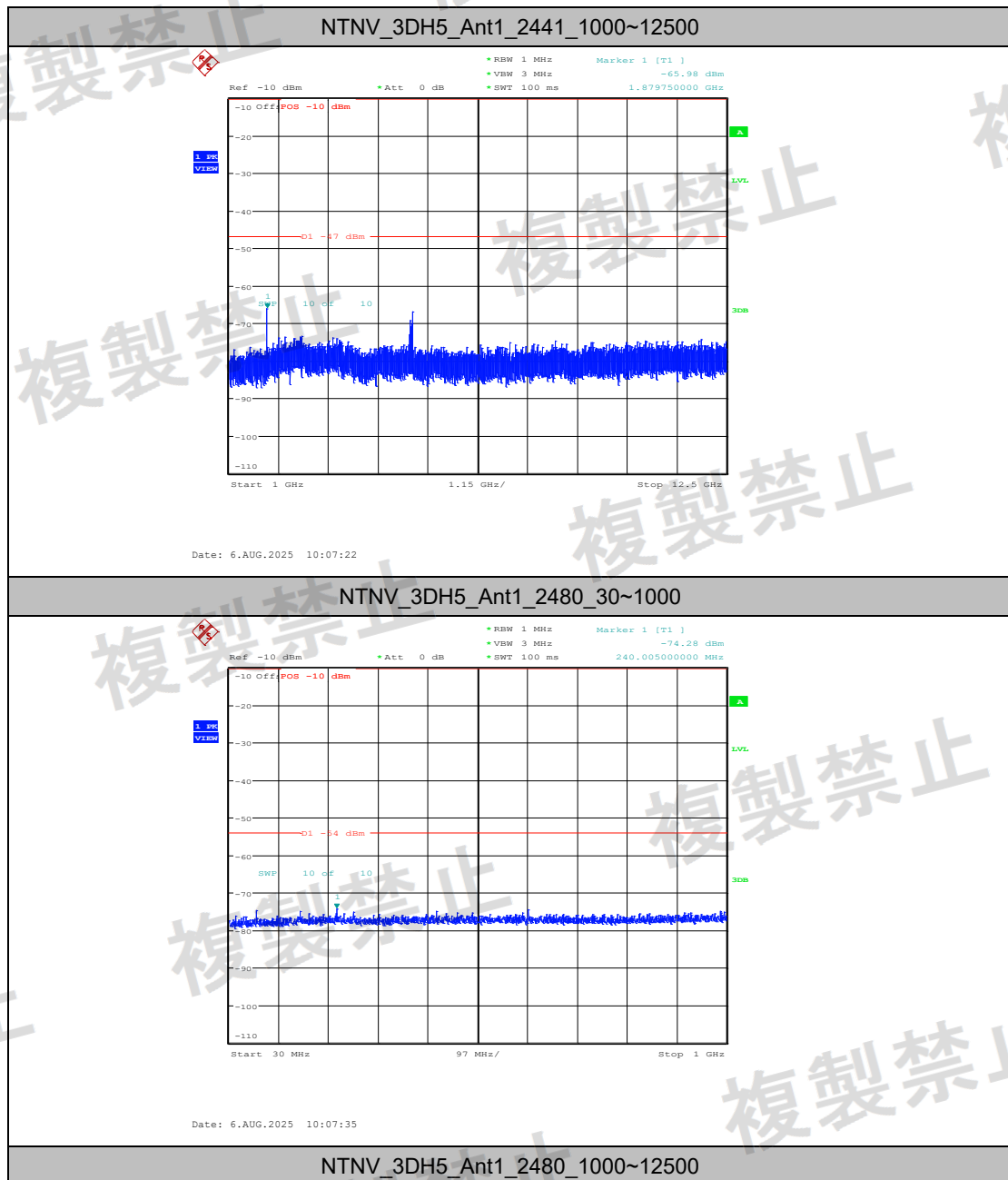


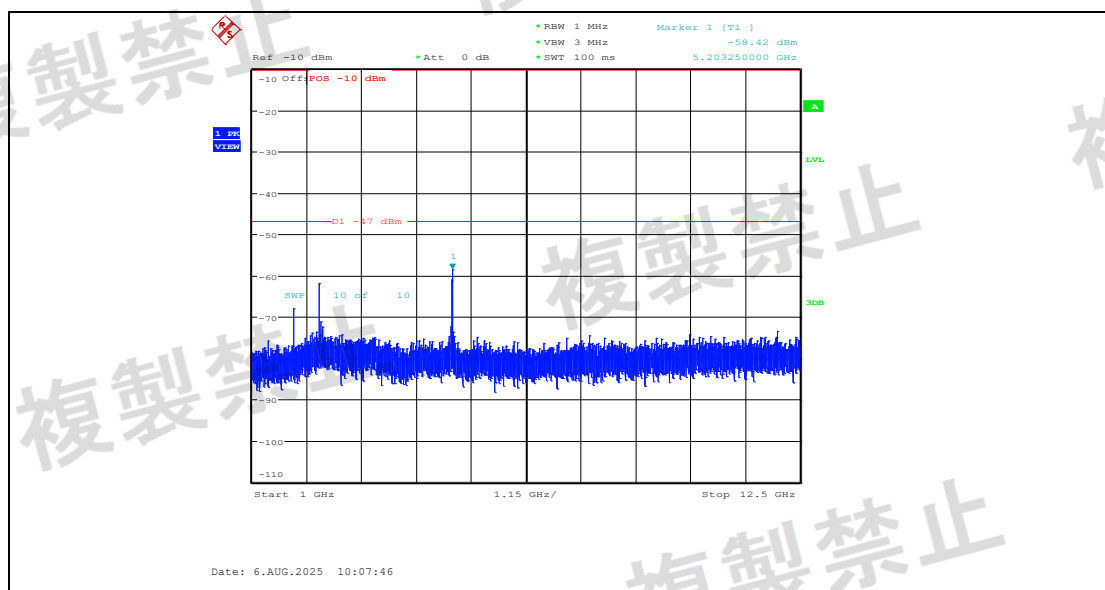
NTNV_3DH5_Ant1_2402_1000~12500



NTNV_3DH5_Ant1_2441_30~1000





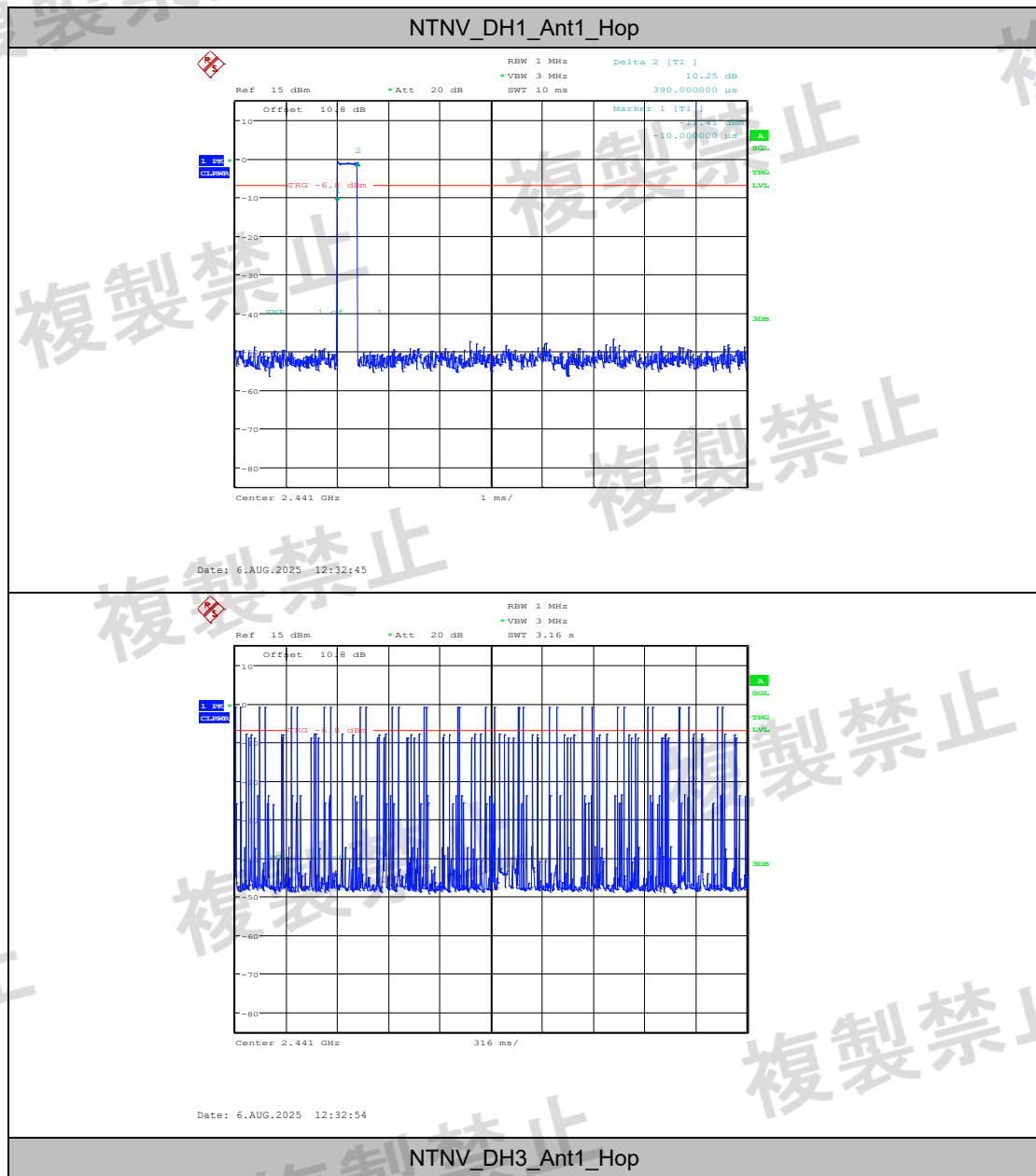


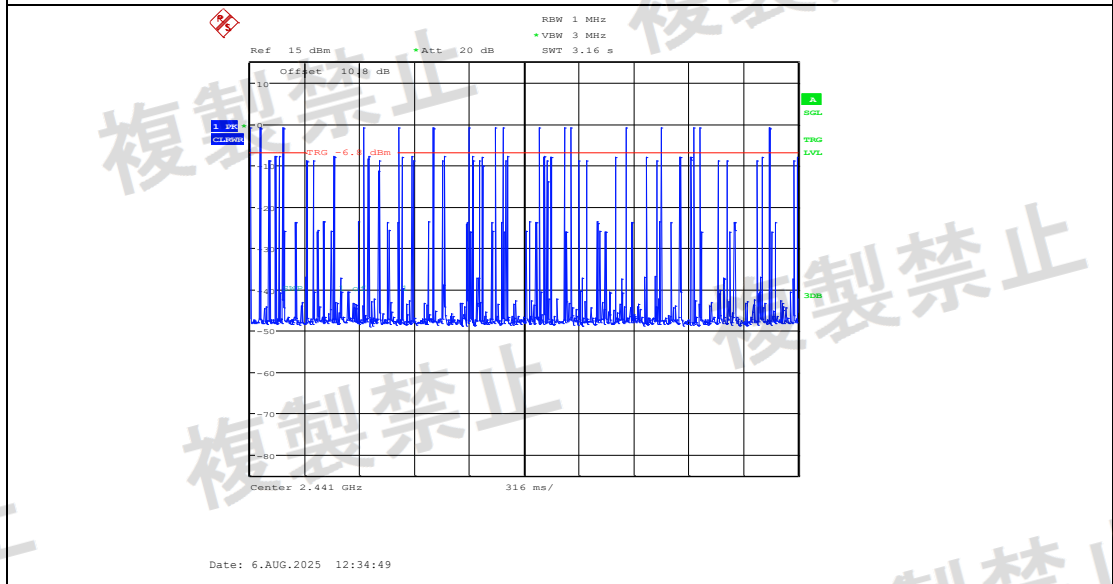
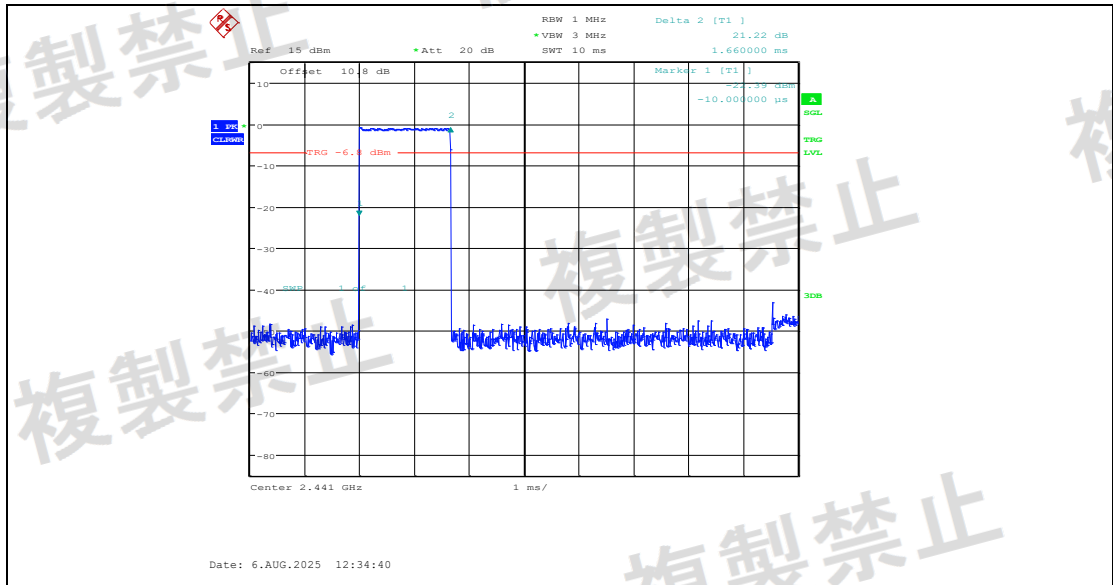
Appendix F: Dwell Time

Test Result

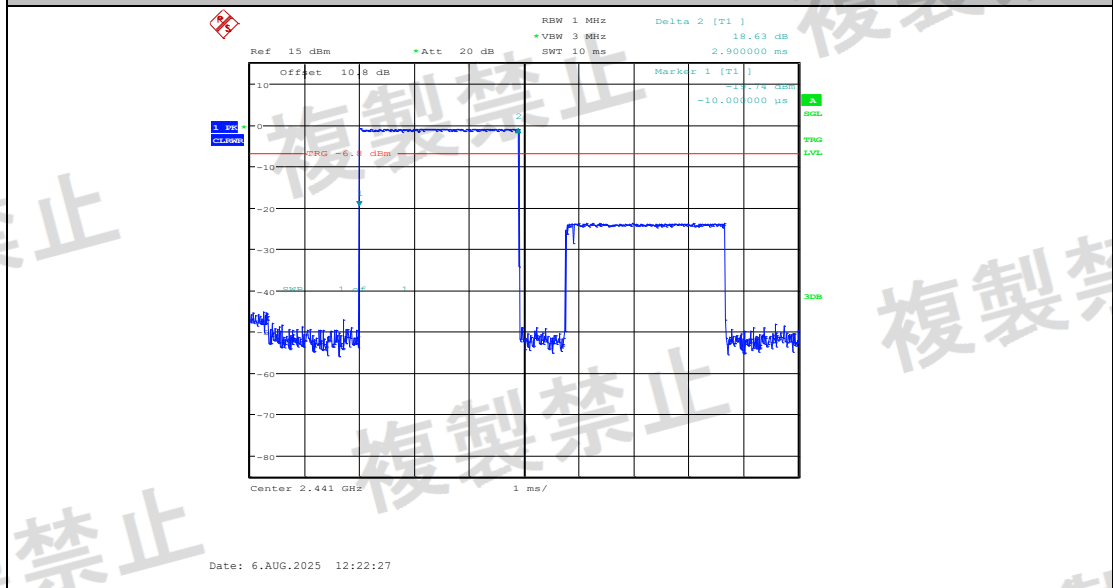
Test Condition	Test Mode	Antenna	Freq(M Hz)	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.39	300	0.117	≤0.4	PASS
	DH3	Ant1	Hop	1.66	170	0.282	≤0.4	PASS
	DH5	Ant1	Hop	2.90	110	0.319	≤0.4	PASS
	2DH1	Ant1	Hop	0.39	300	0.117	≤0.4	PASS
	2DH3	Ant1	Hop	1.66	160	0.266	≤0.4	PASS
	2DH5	Ant1	Hop	2.91	90	0.262	≤0.4	PASS
	3DH1	Ant1	Hop	0.39	310	0.121	≤0.4	PASS
	3DH3	Ant1	Hop	1.66	190	0.315	≤0.4	PASS
	3DH5	Ant1	Hop	2.90	70	0.203	≤0.4	PASS

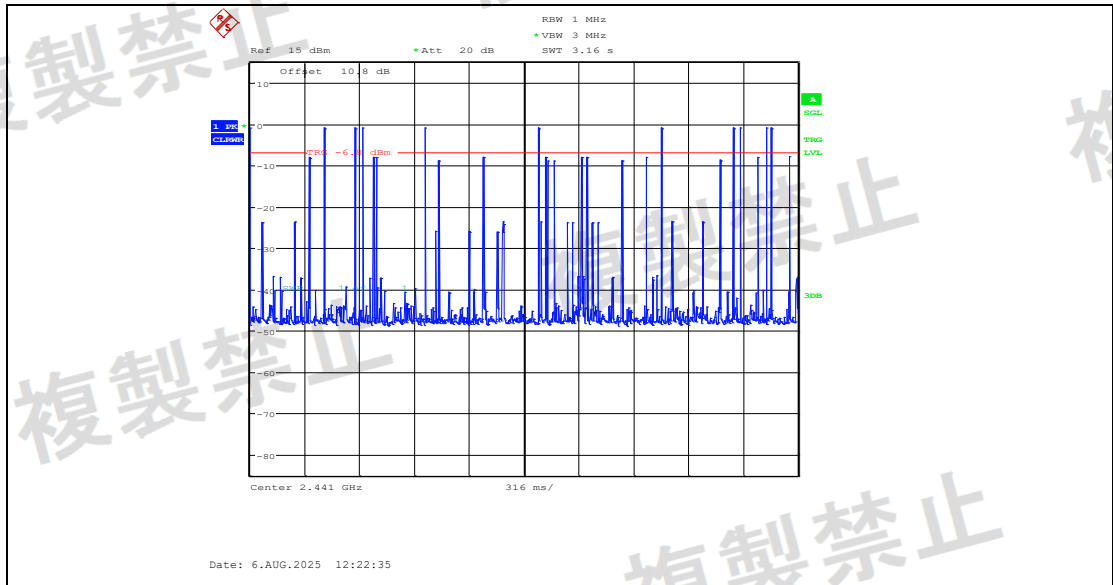
Test Graphs



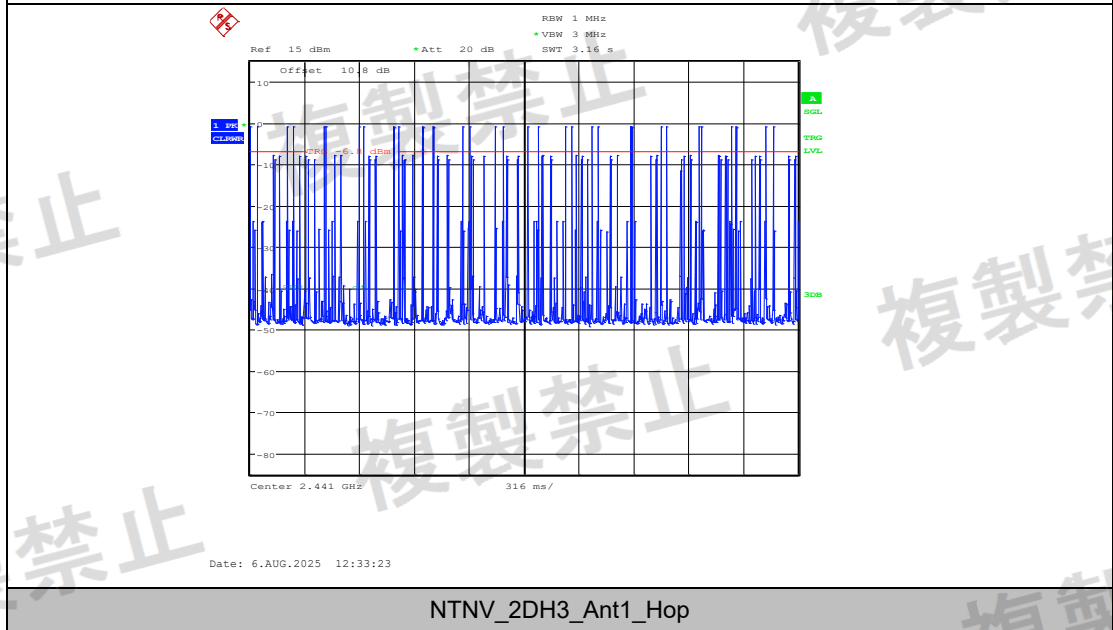
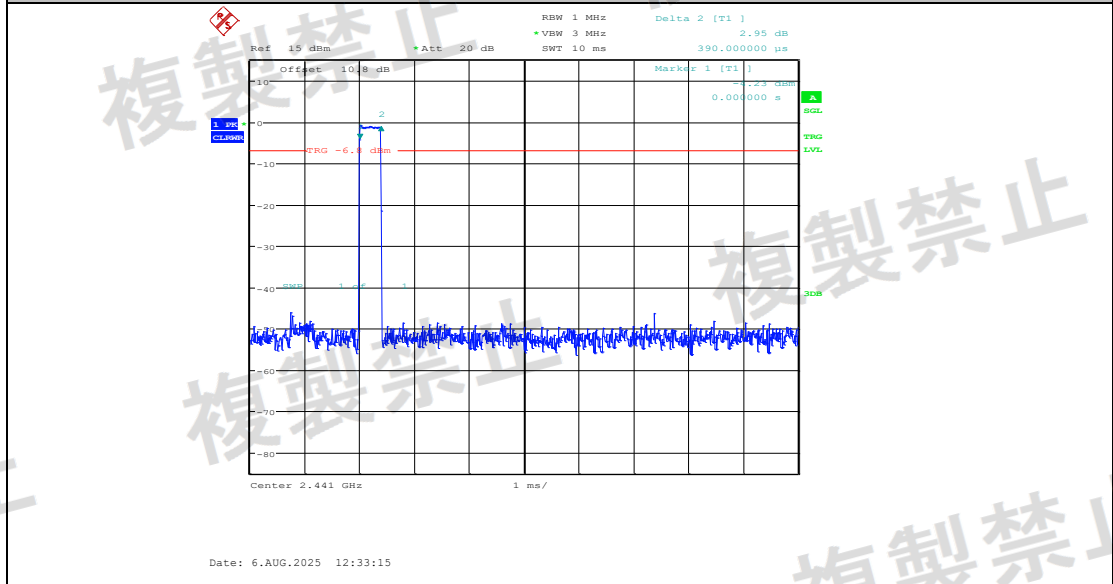


NTNV_DH5_Ant1_Hop

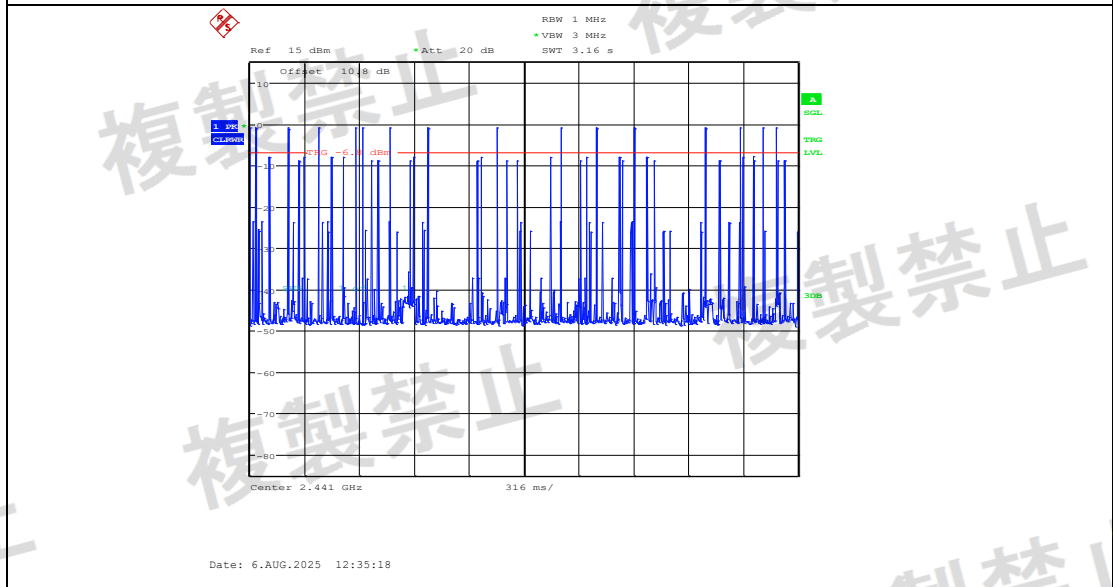
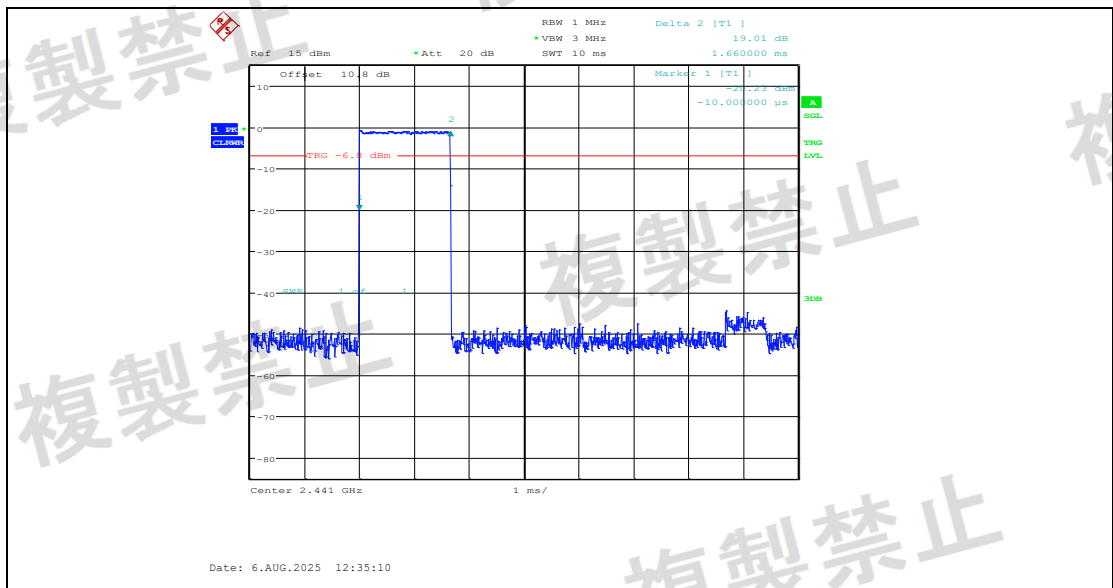




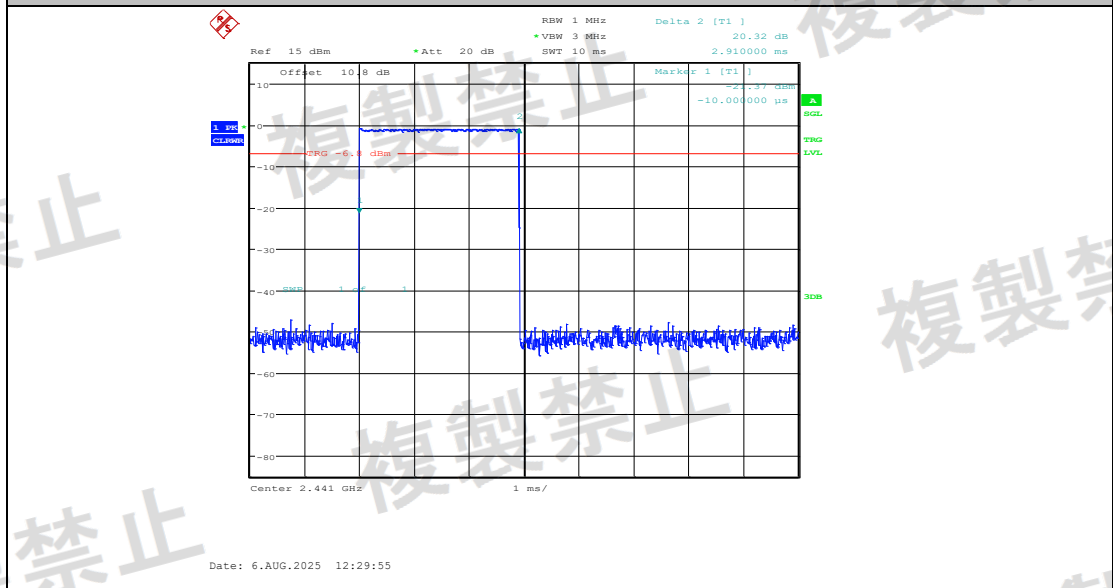
NTNV_2DH1_Ant1_Hop

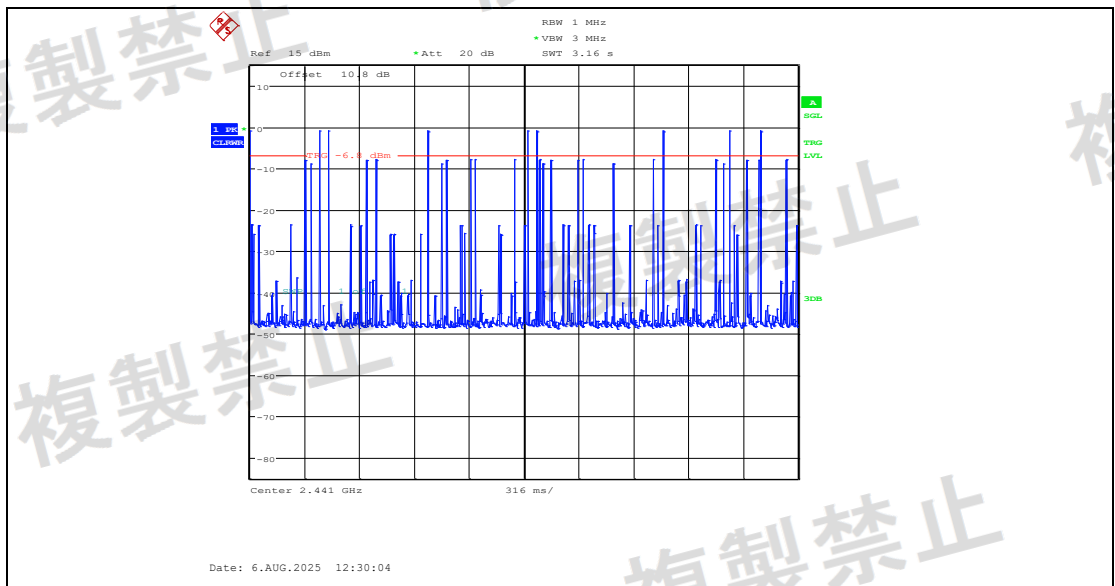


NTNV_2DH3_Ant1_Hop

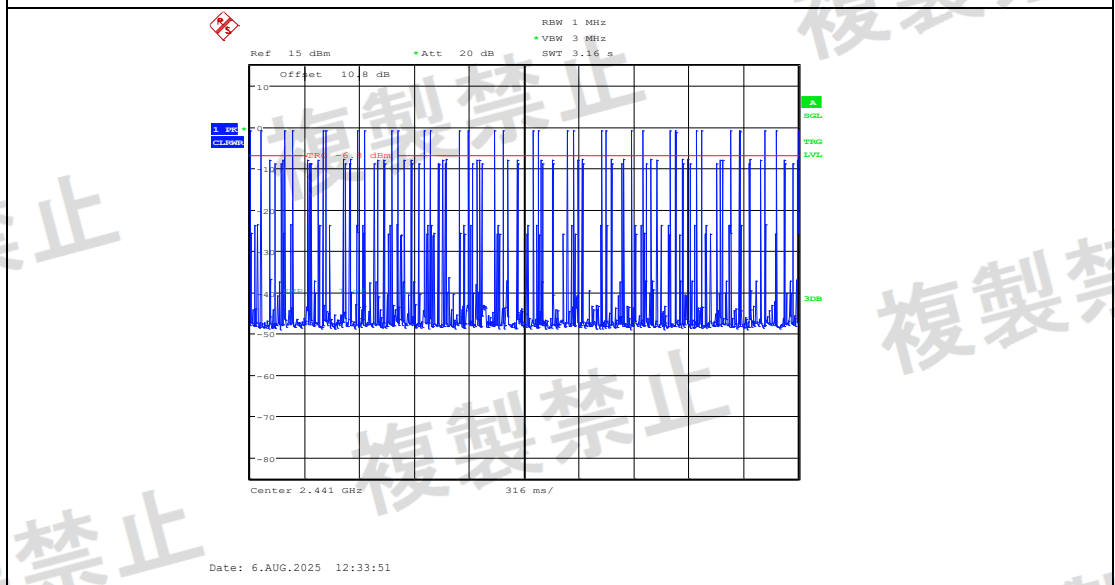
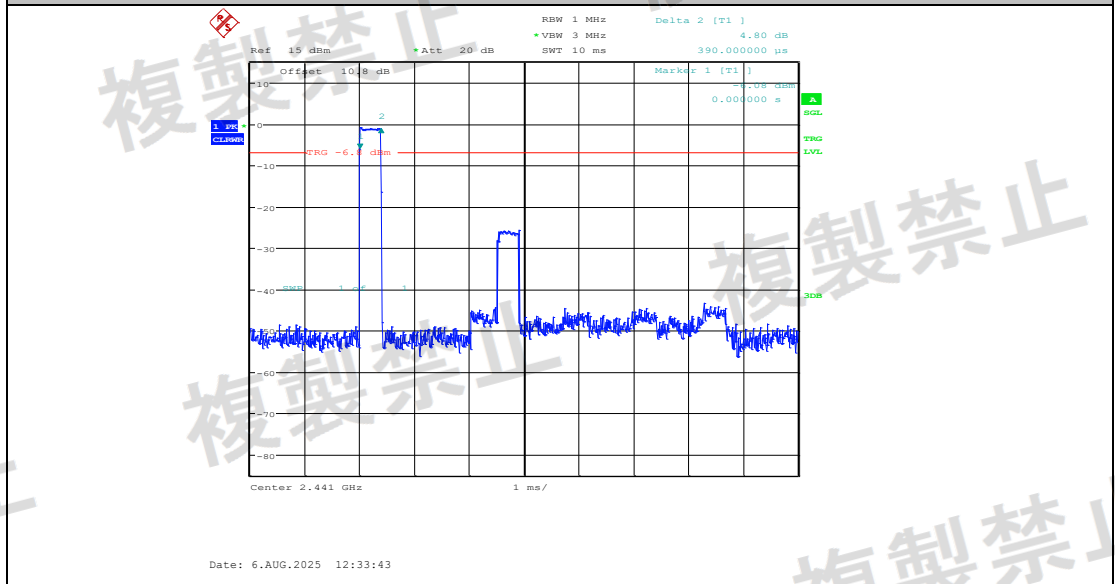


NTNV_2DH5_Ant1_Hop

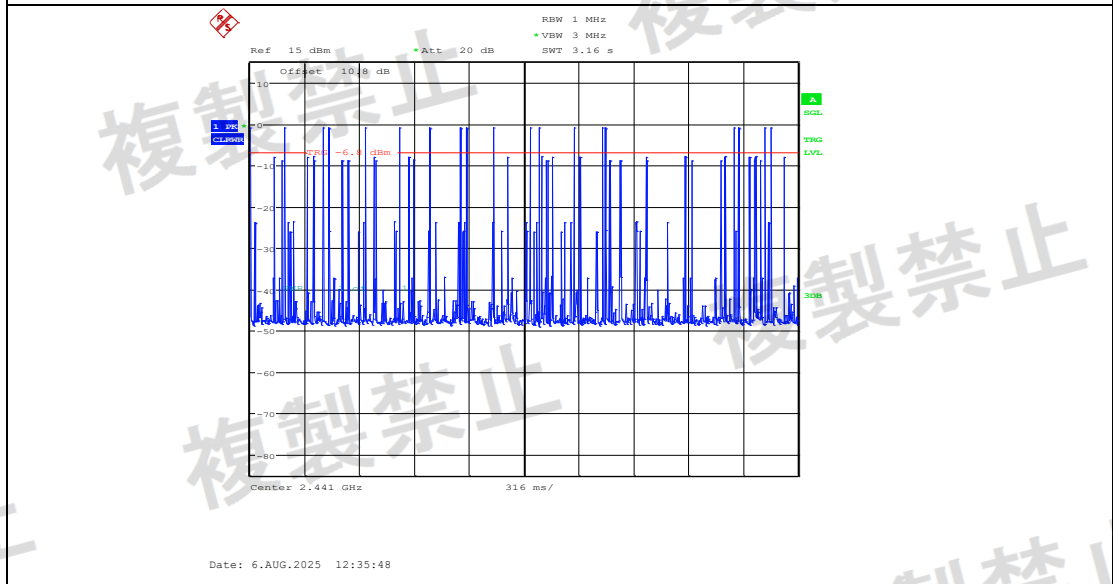
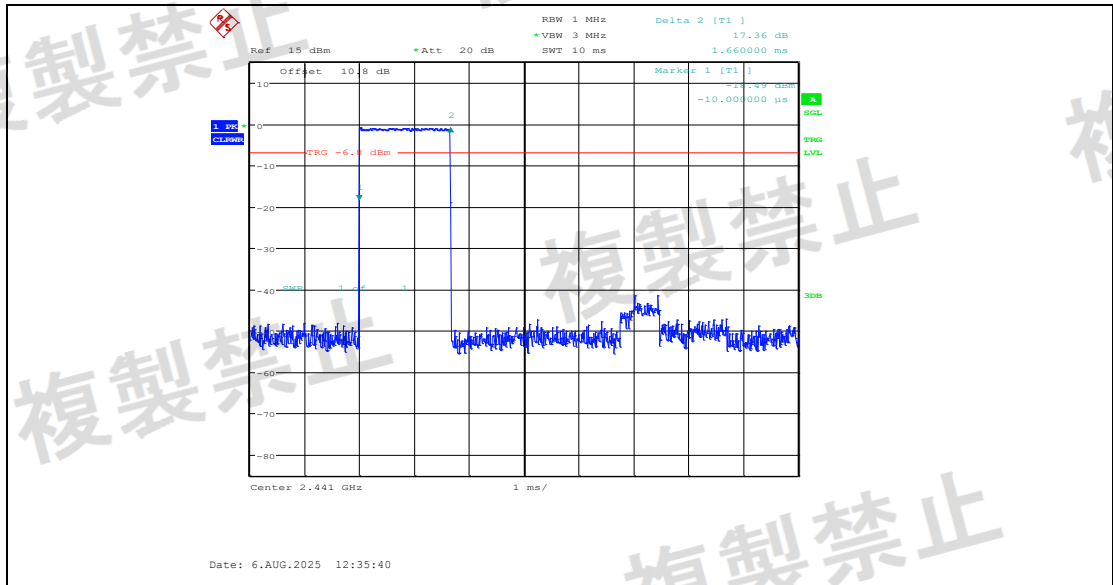




NTNV_3DH1_Ant1_Hop



NTNV_3DH3_Ant1_Hop



NTNV_3DH5_Ant1_Hop

