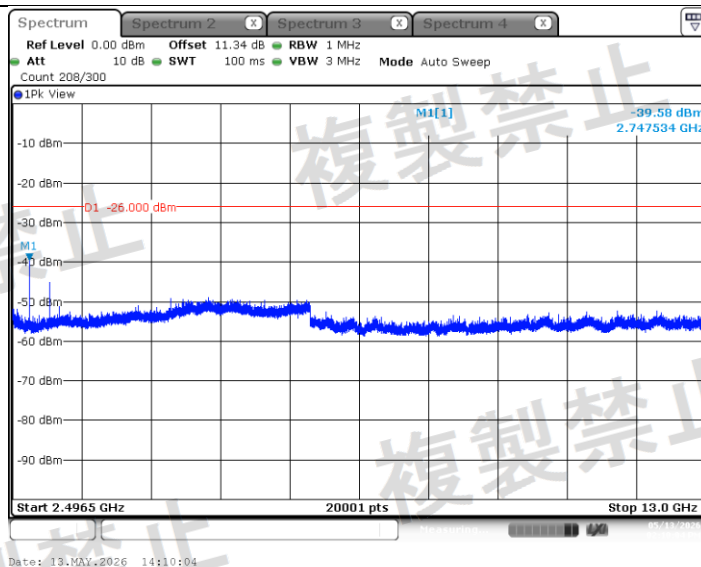
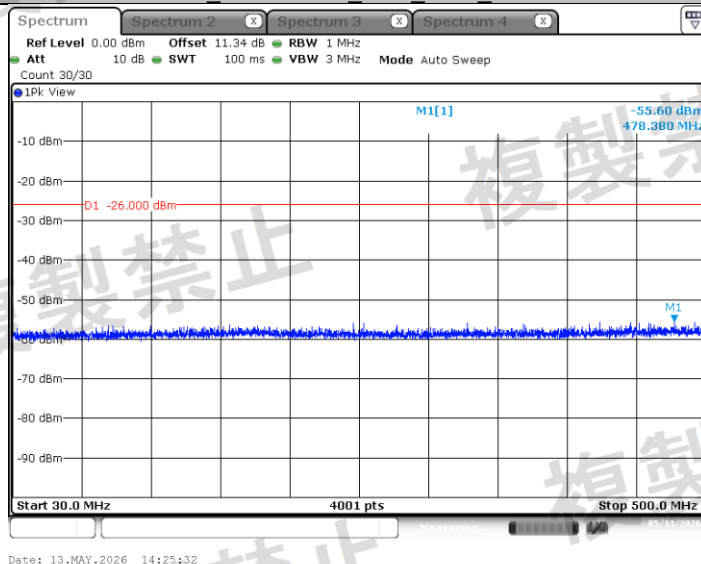
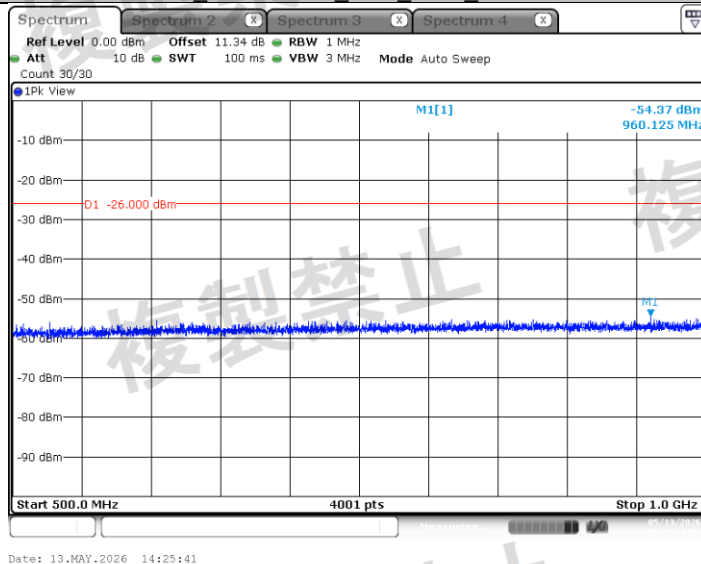




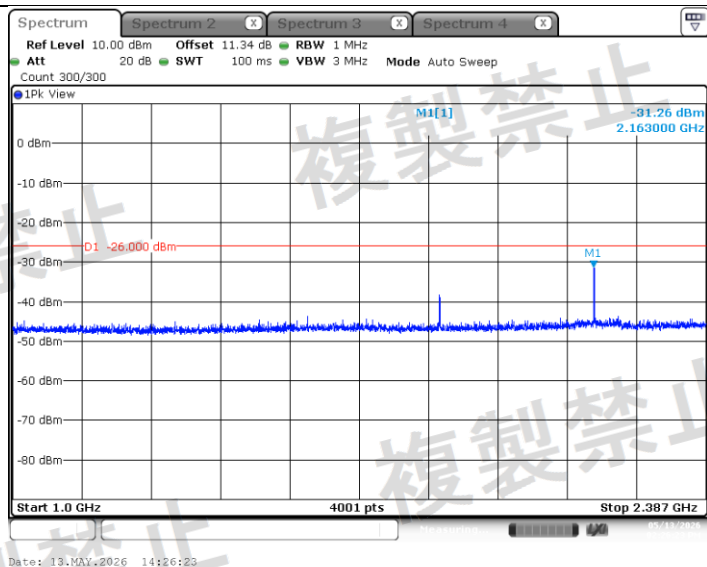
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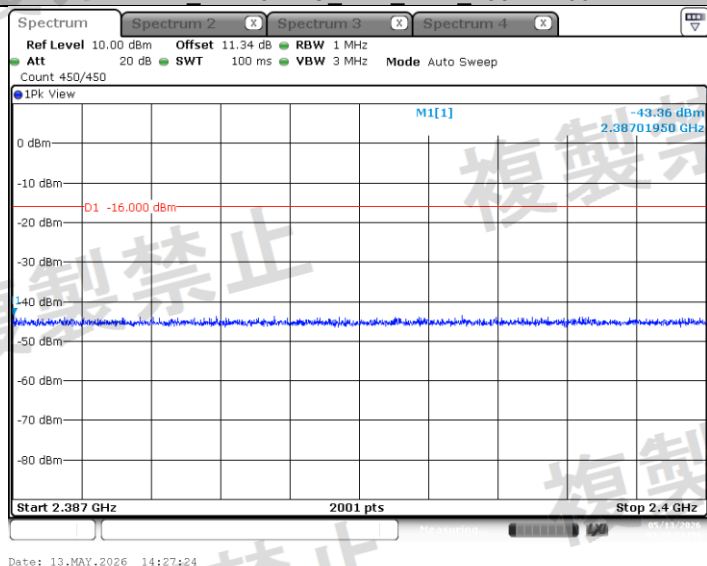
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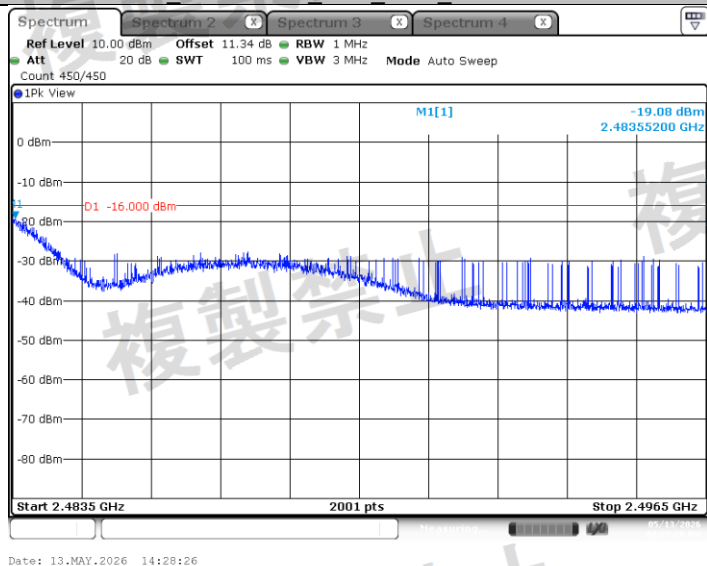
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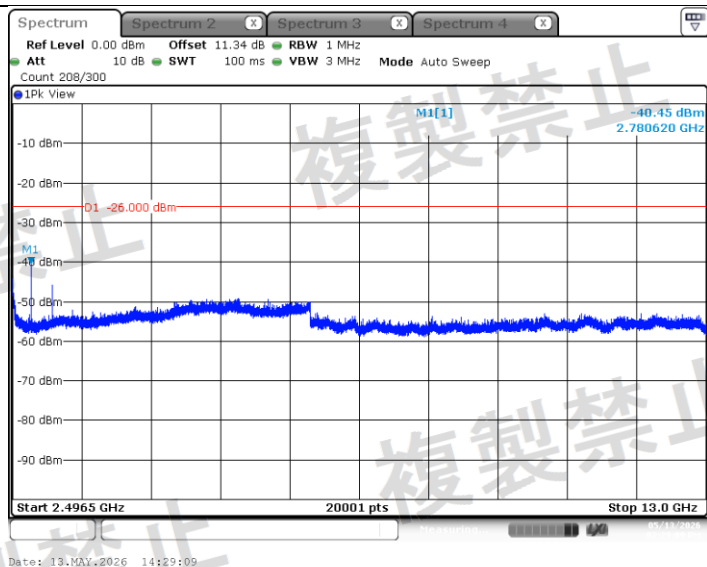
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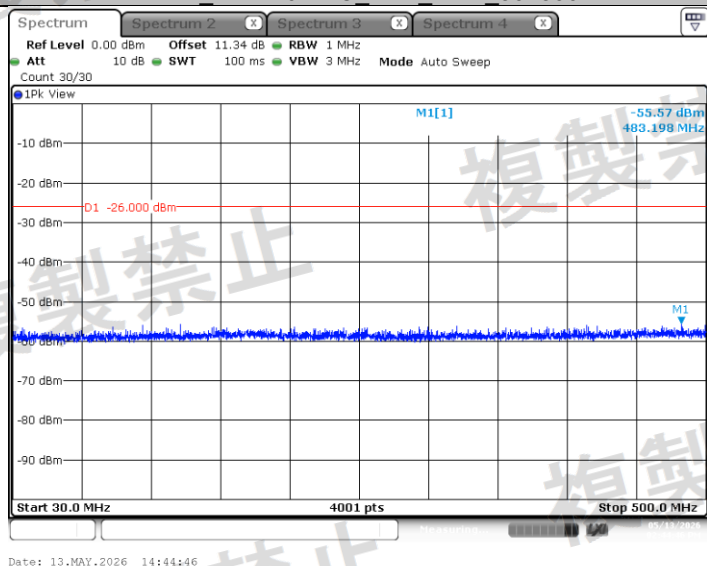
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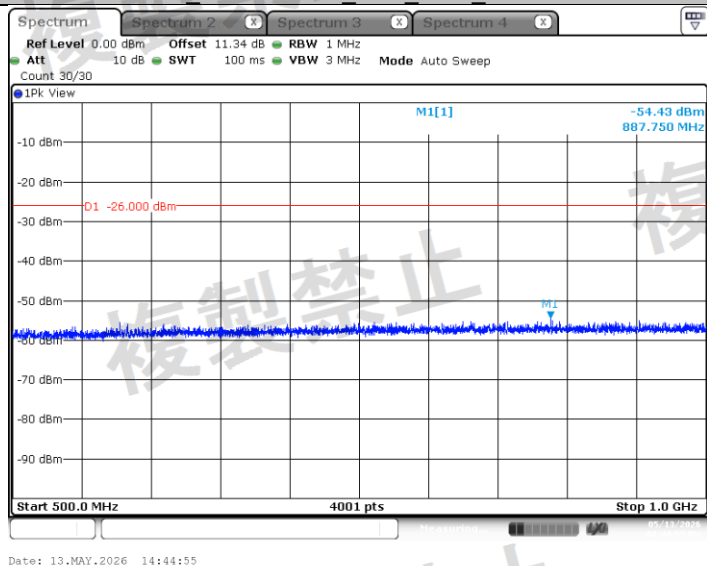
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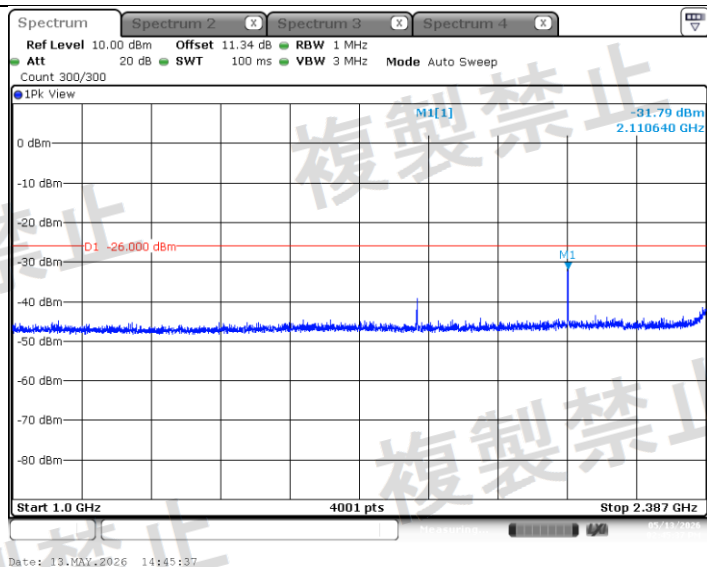
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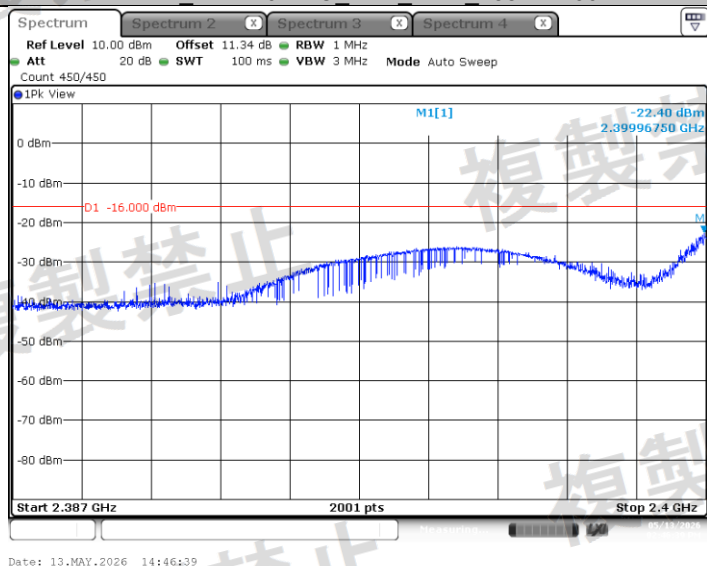
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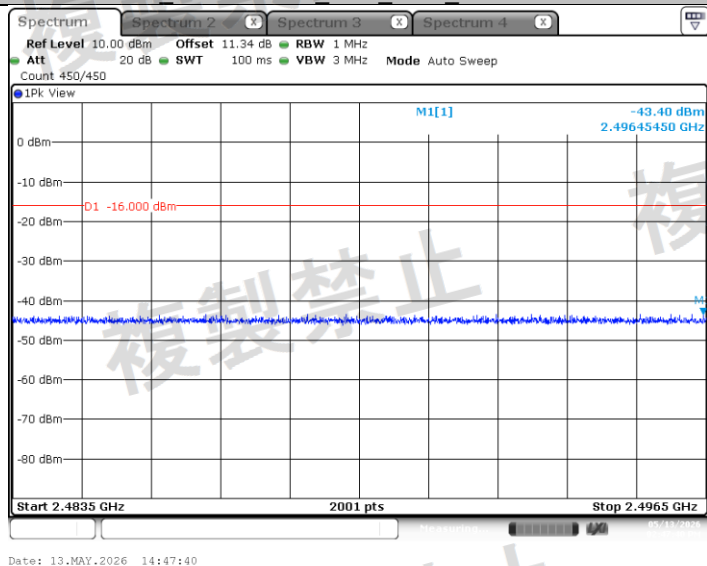
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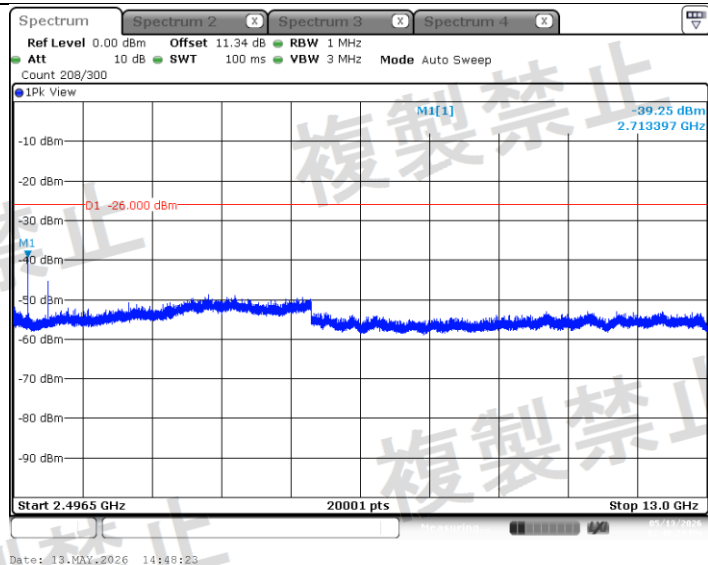
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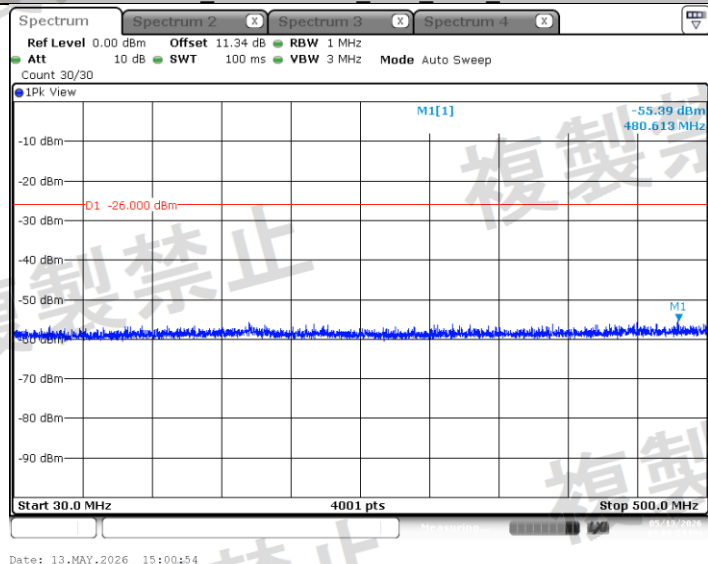
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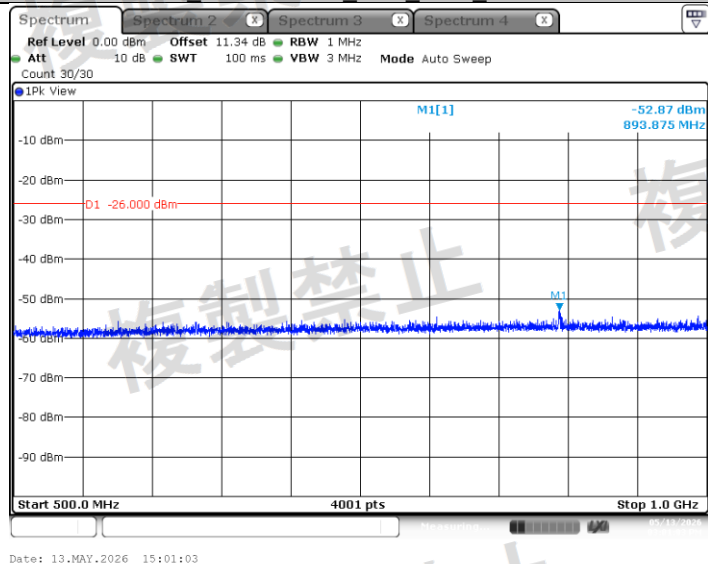
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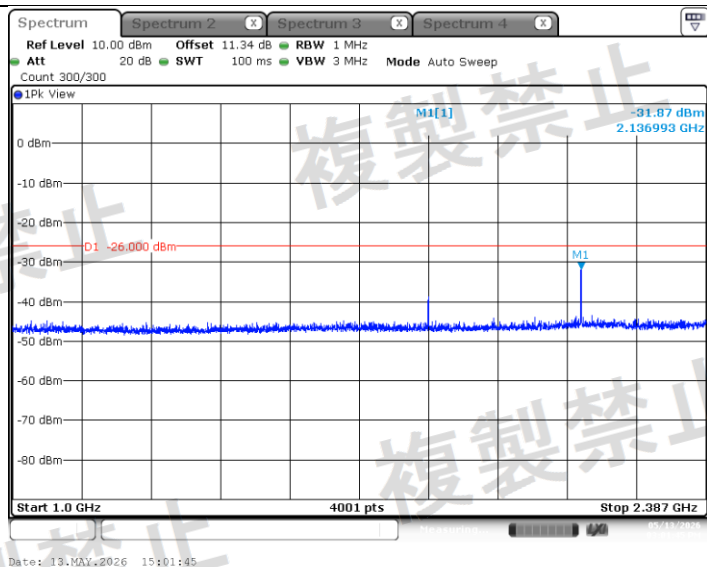
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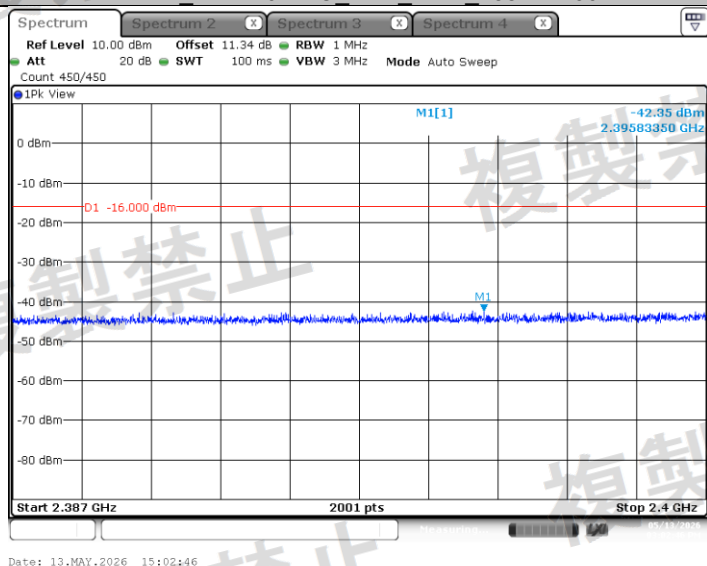
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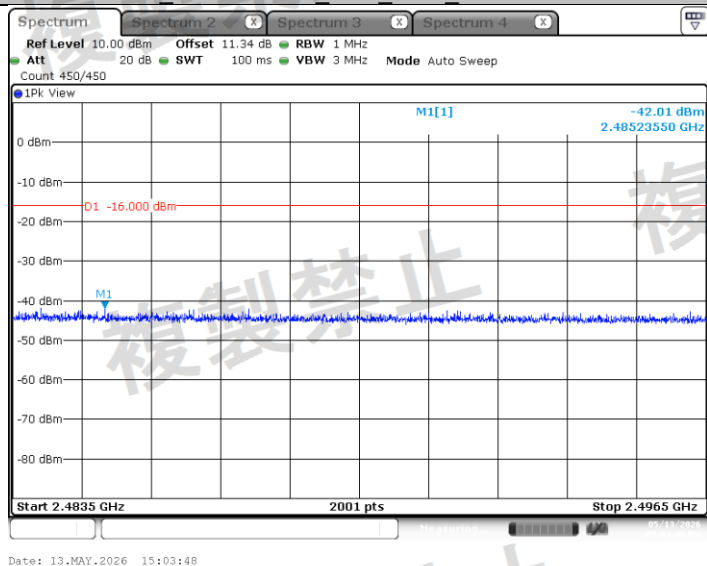
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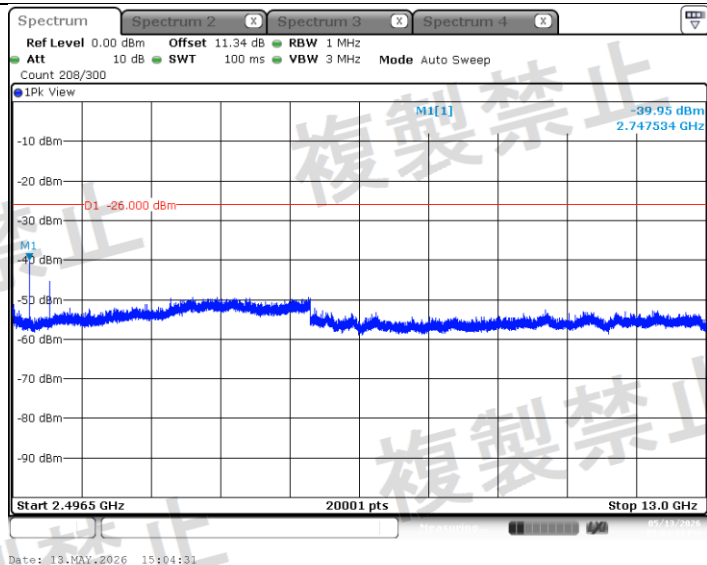
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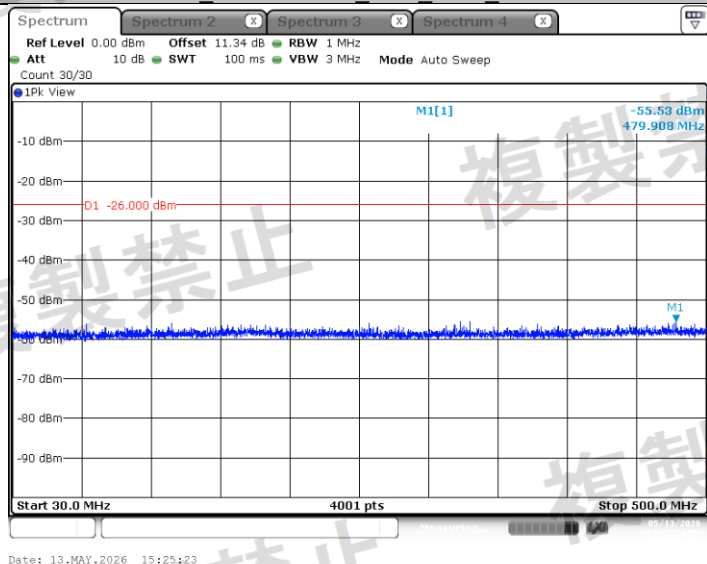
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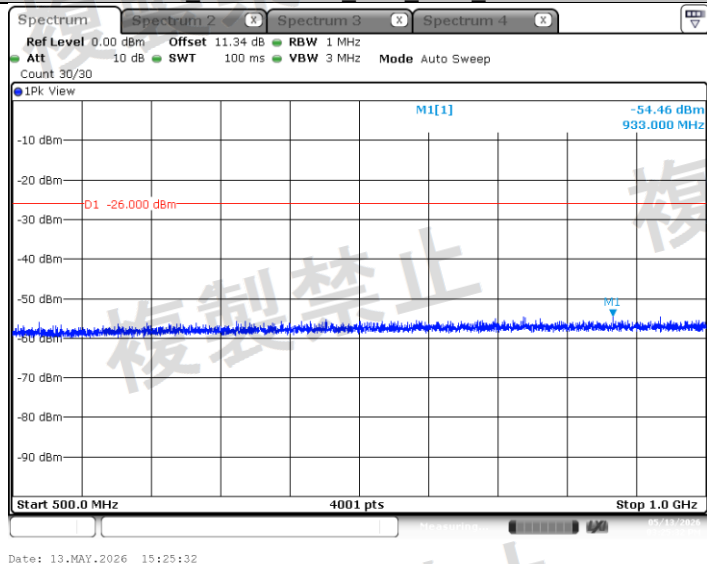
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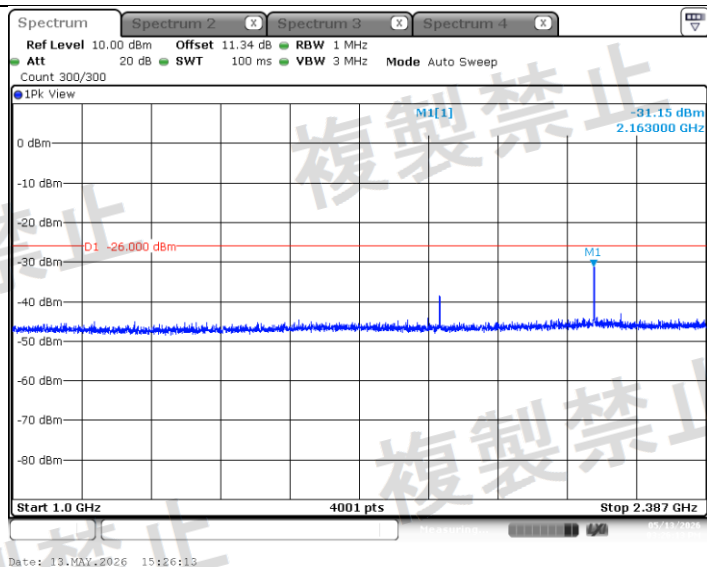
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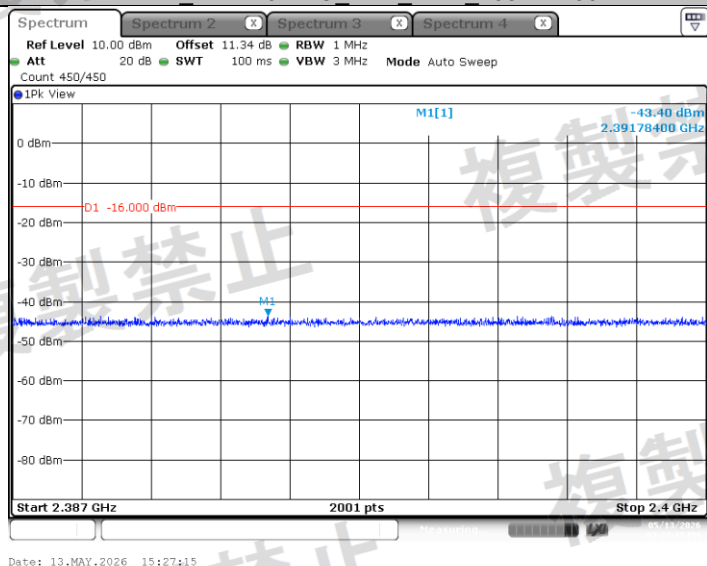
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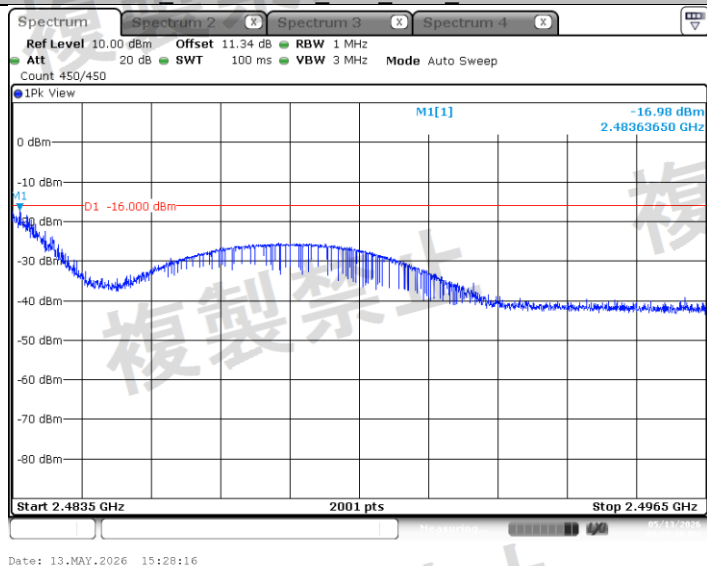
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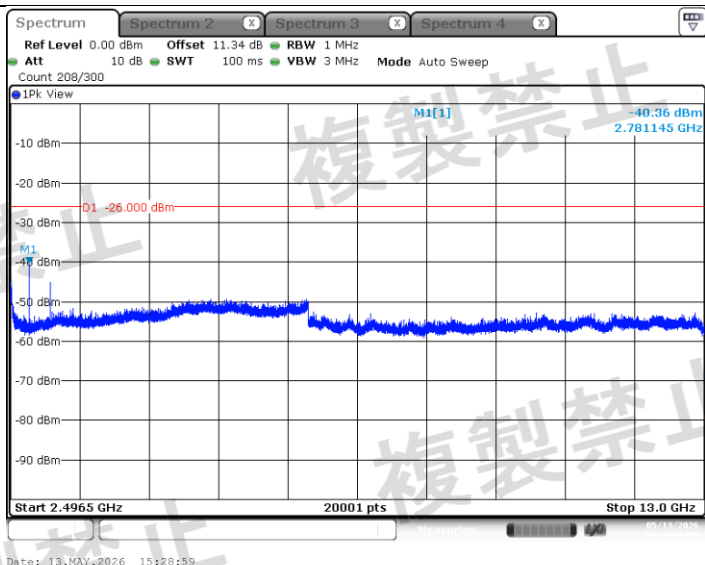
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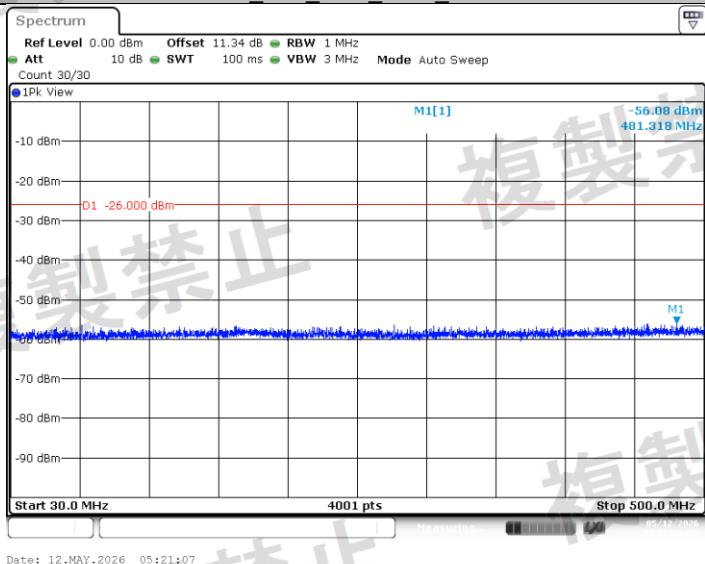
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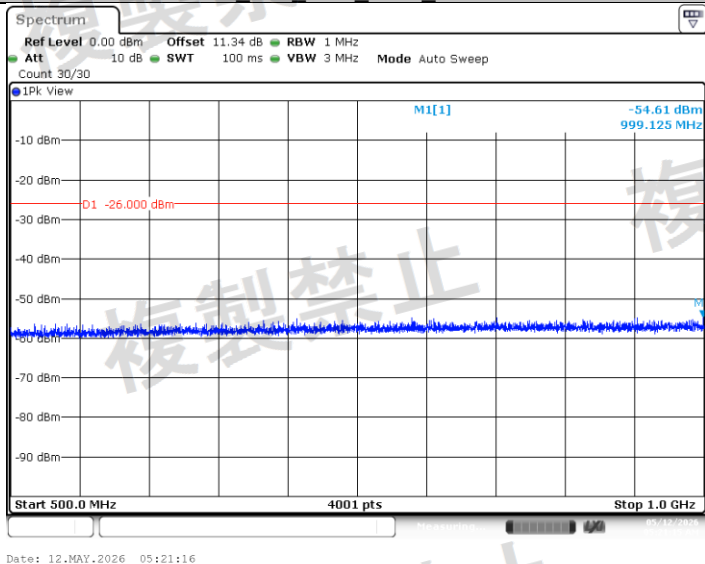
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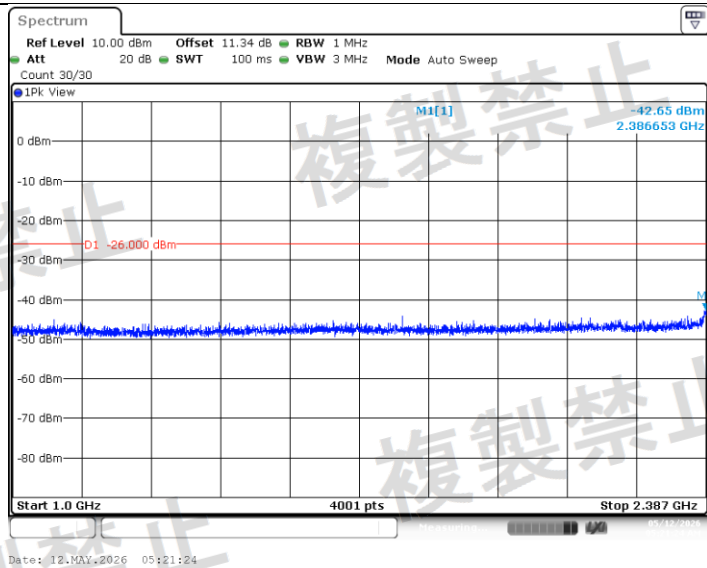
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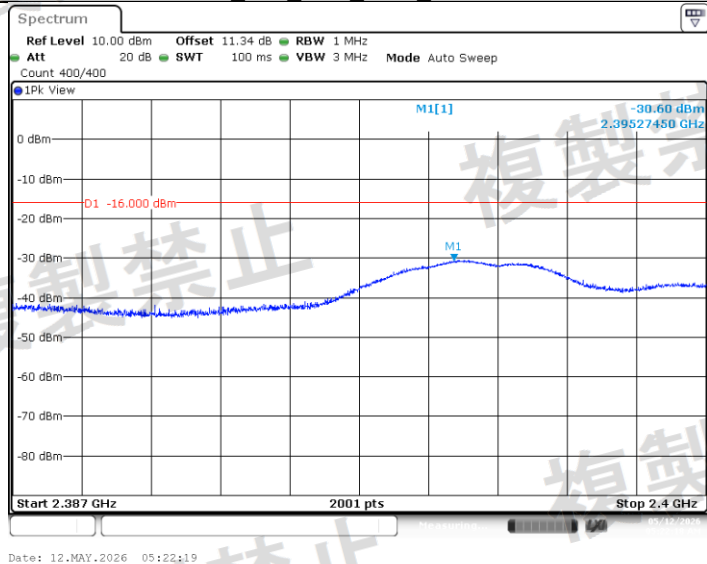
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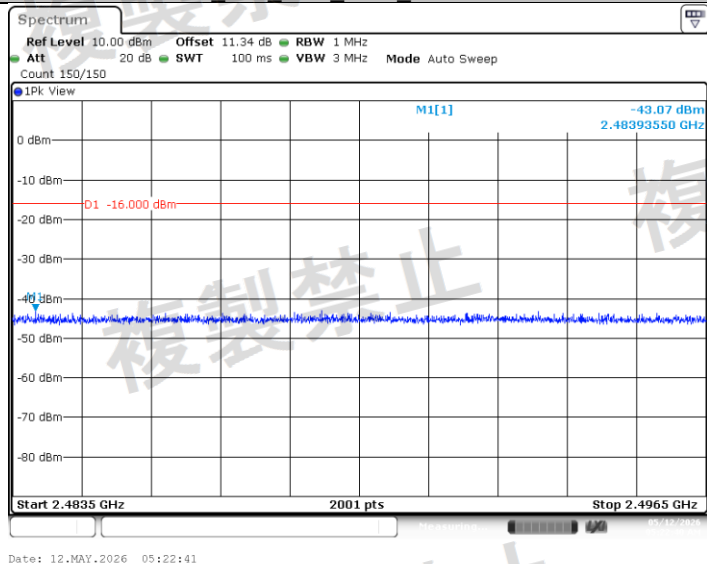
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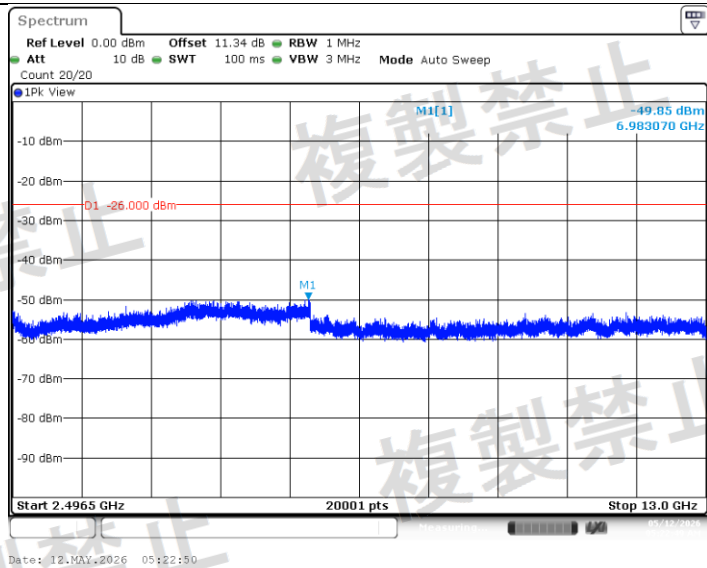
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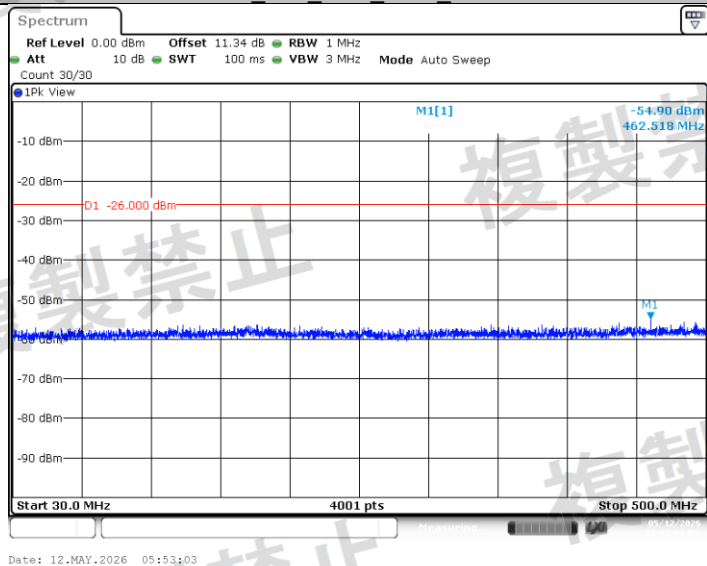
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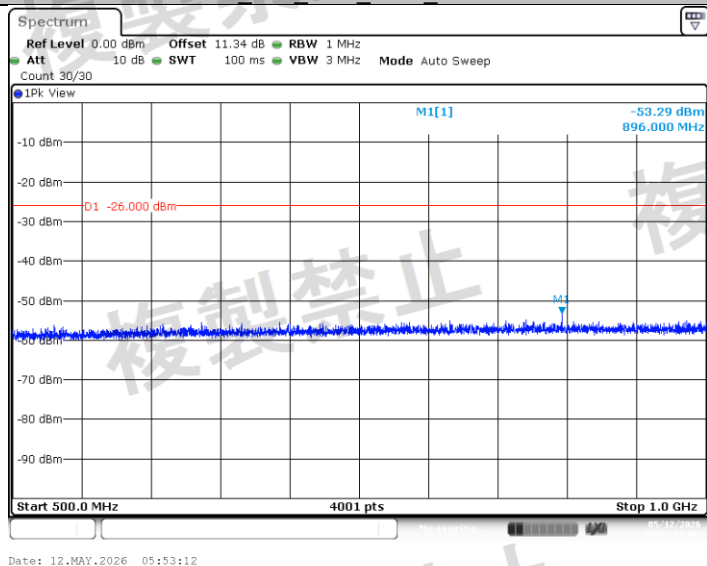
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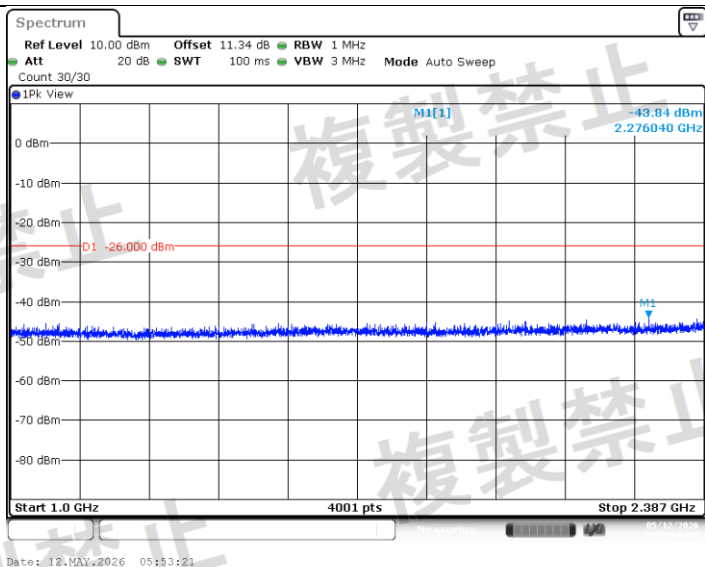
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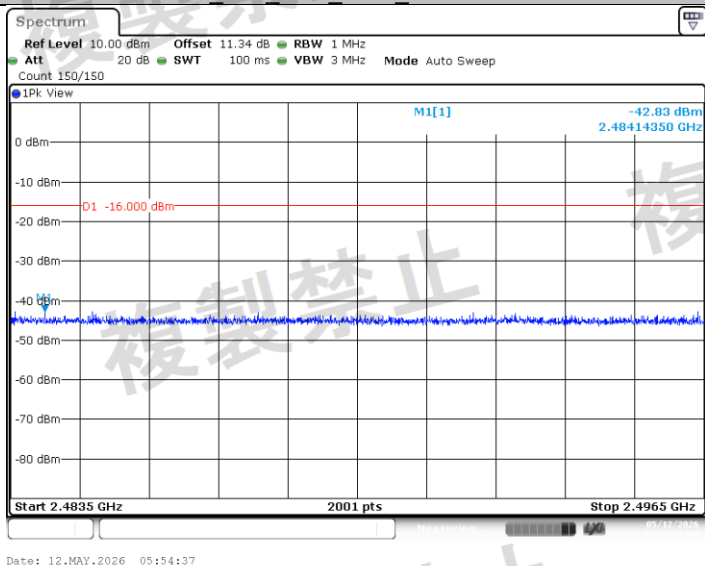
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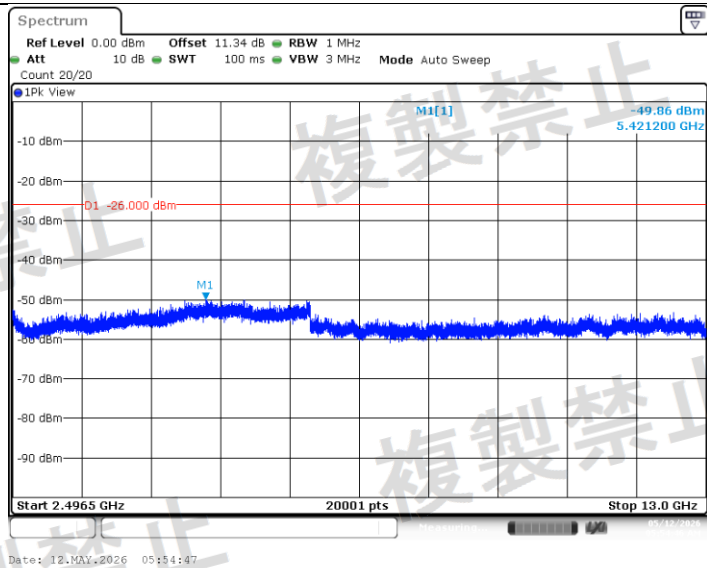
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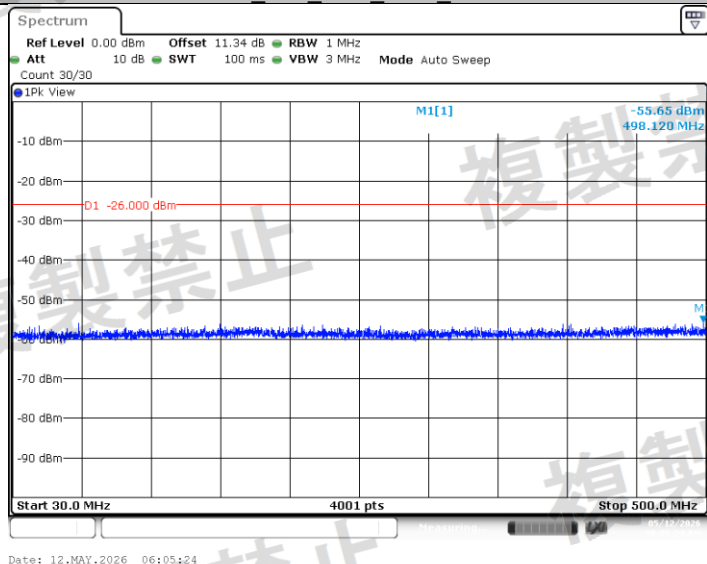
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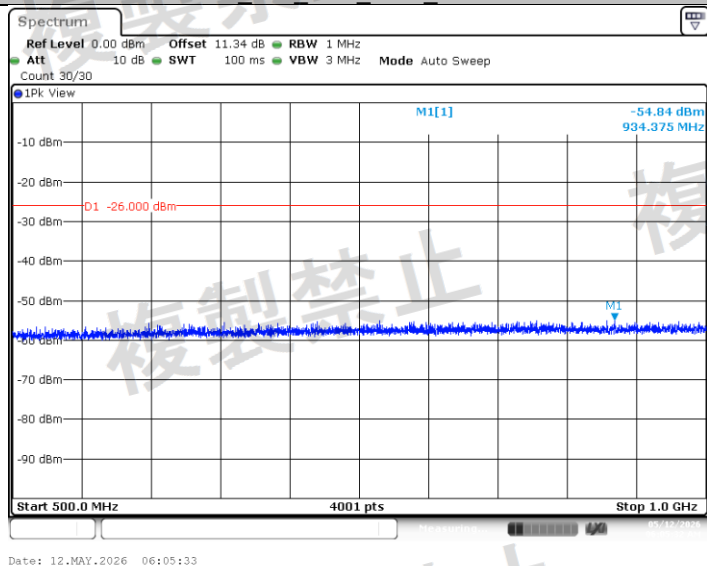
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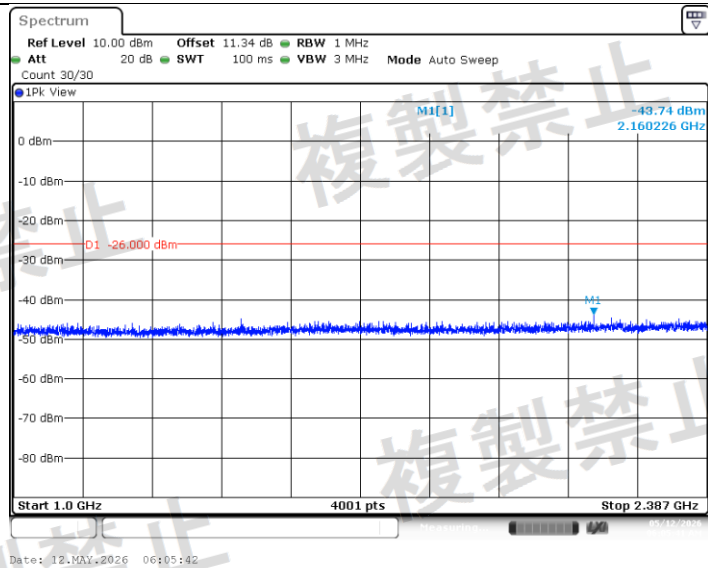
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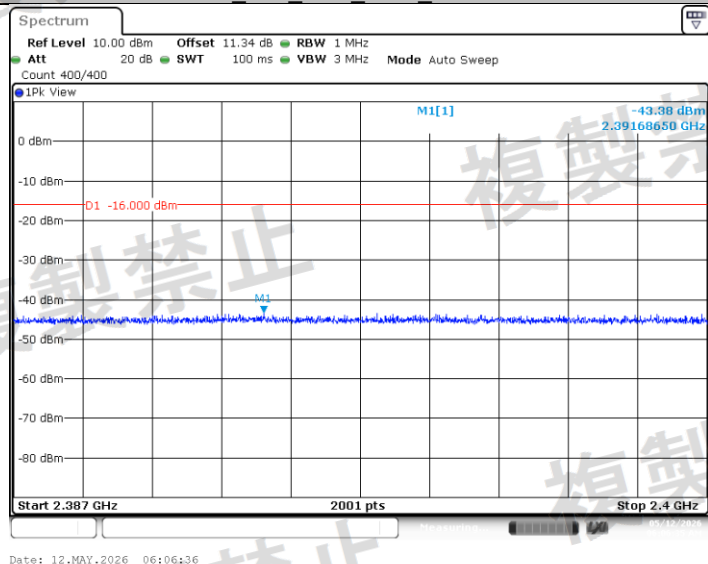
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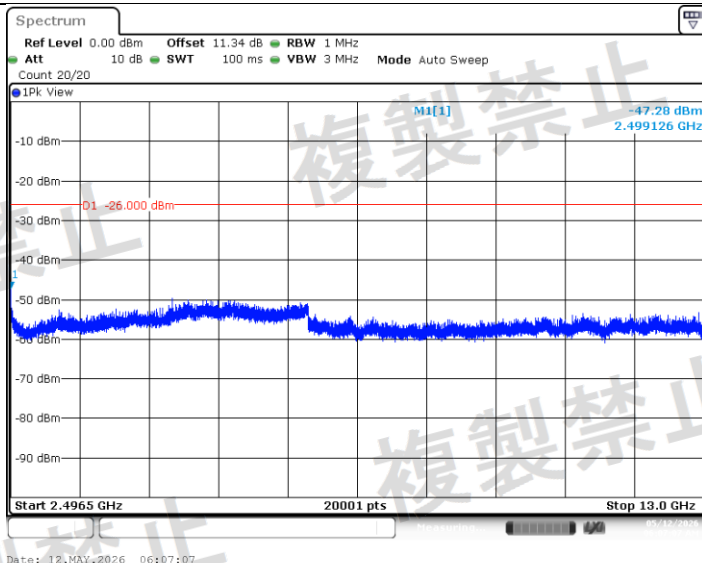
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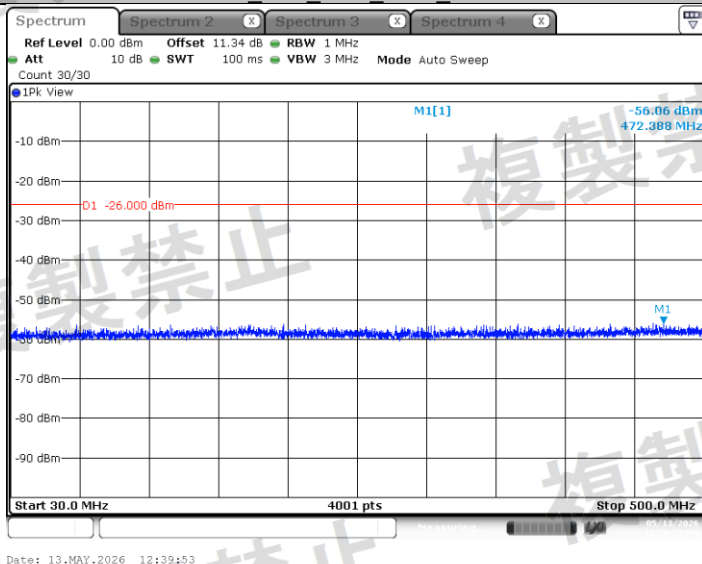
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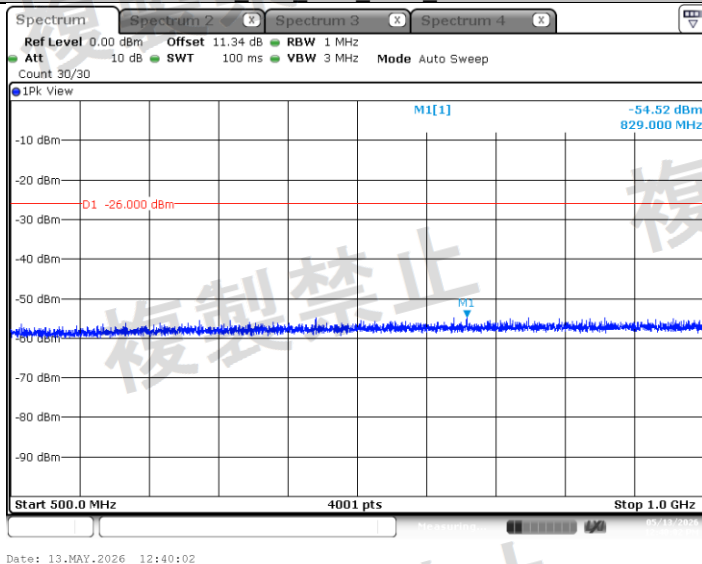
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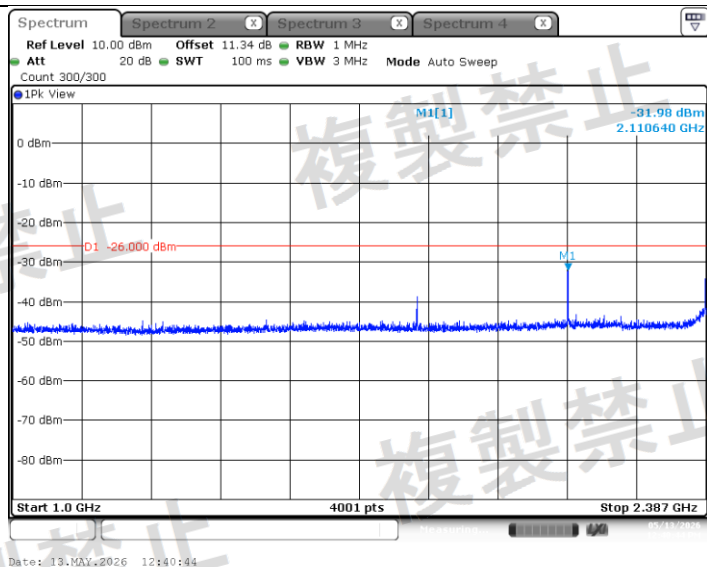
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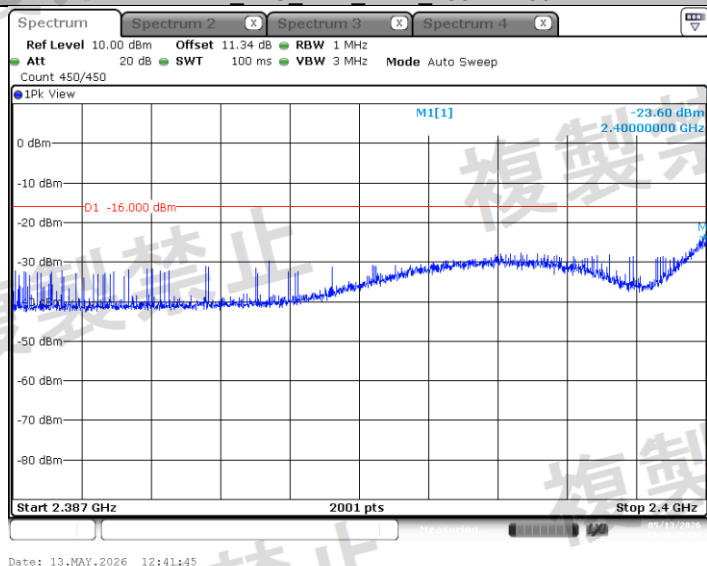
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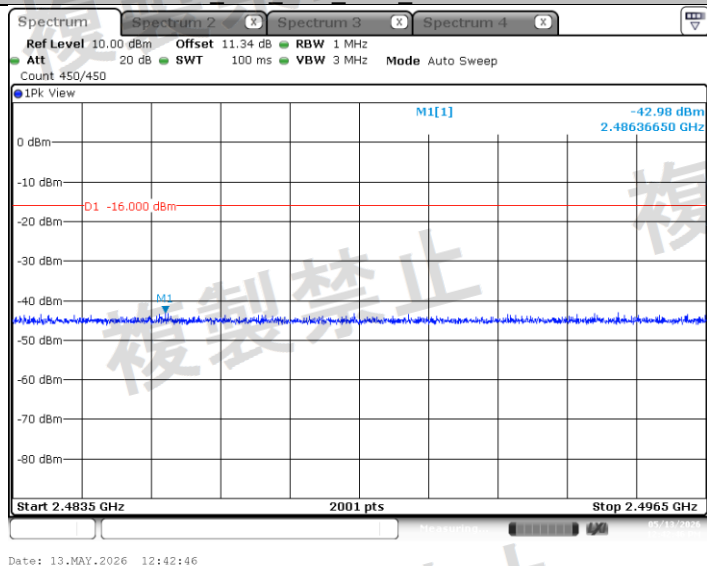
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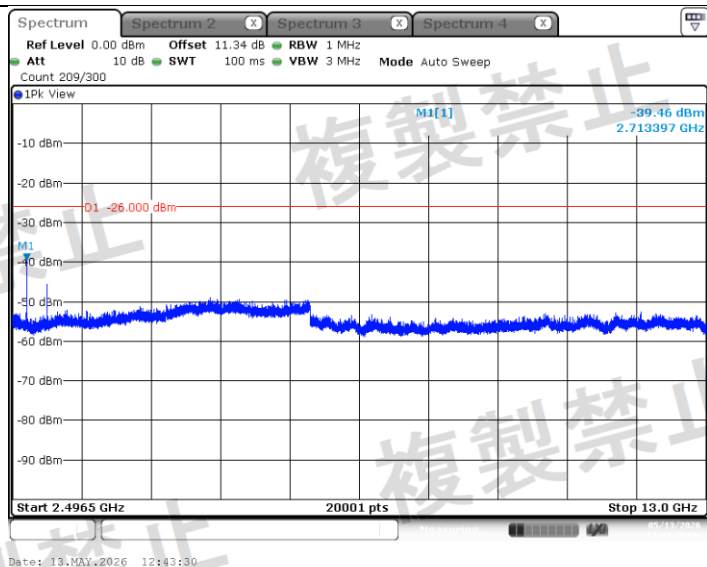
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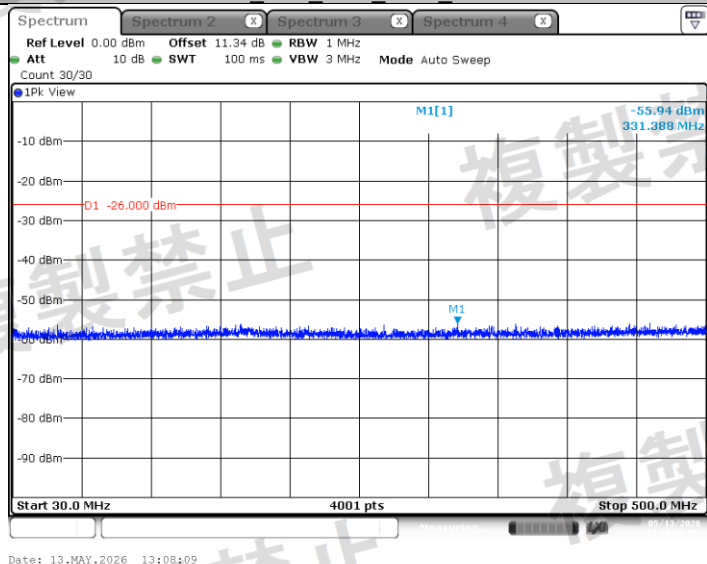
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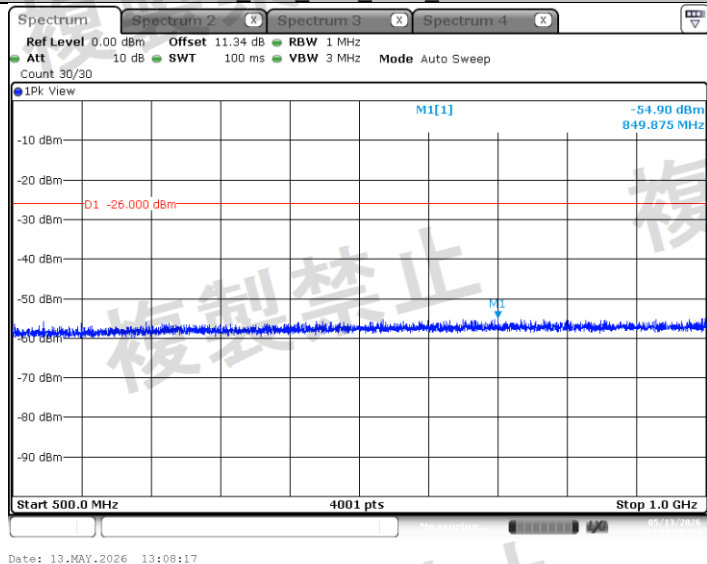
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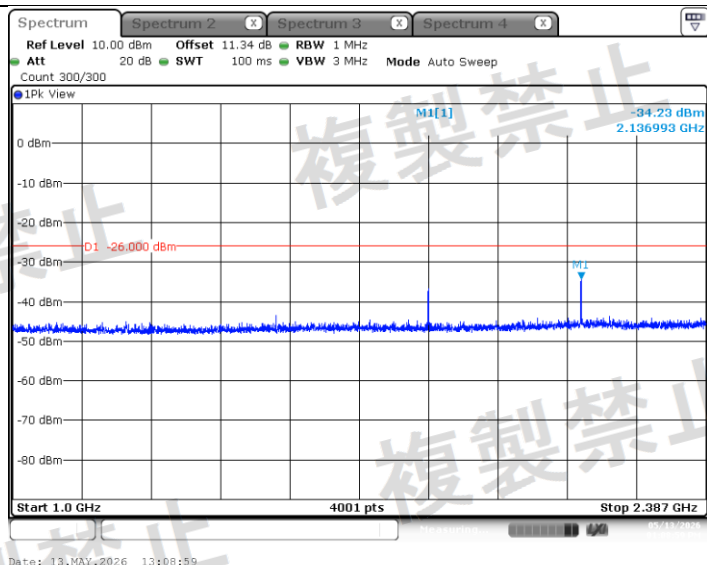
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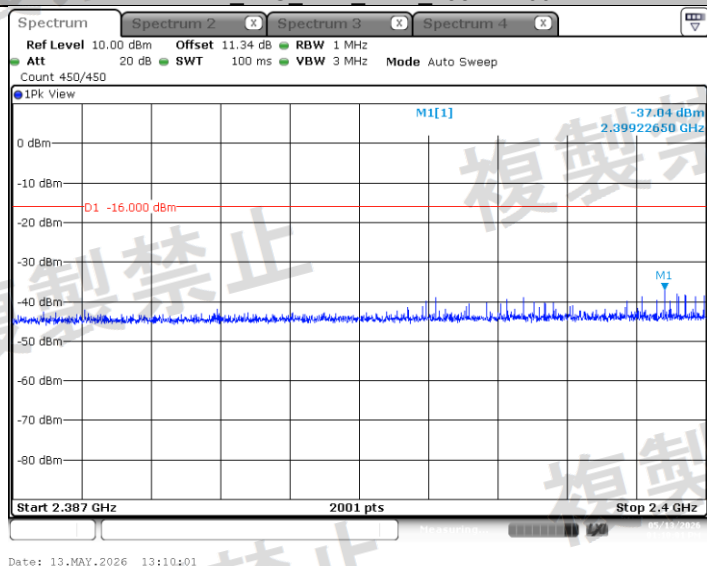
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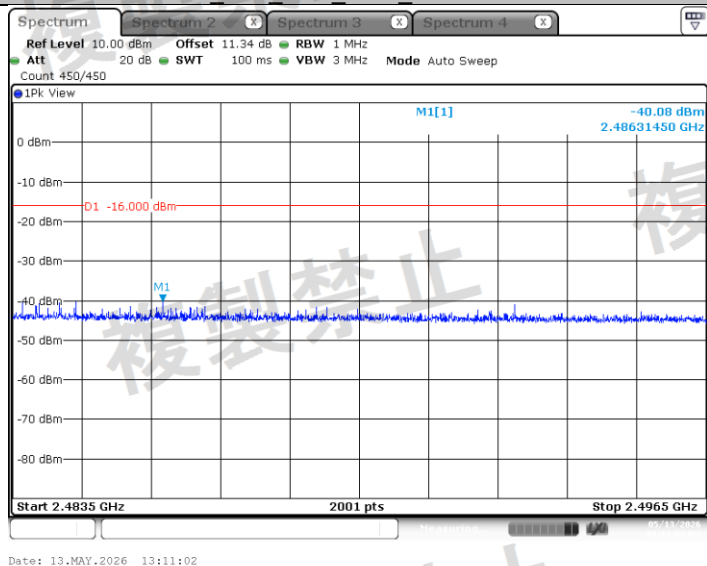
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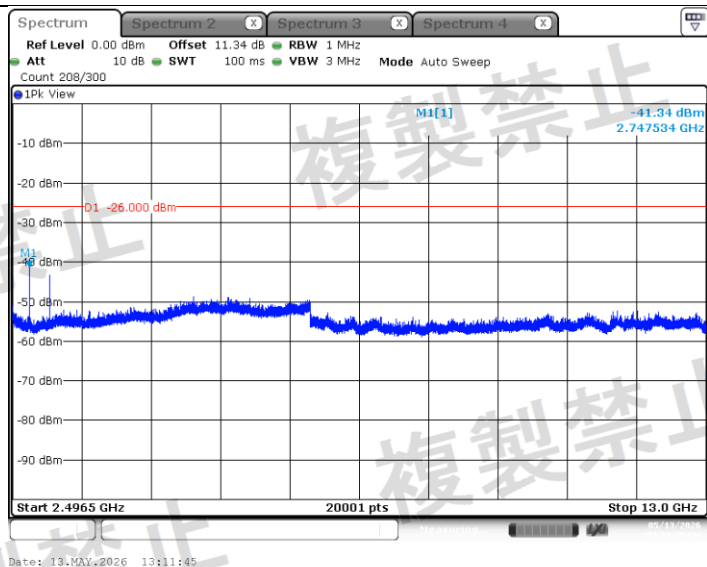
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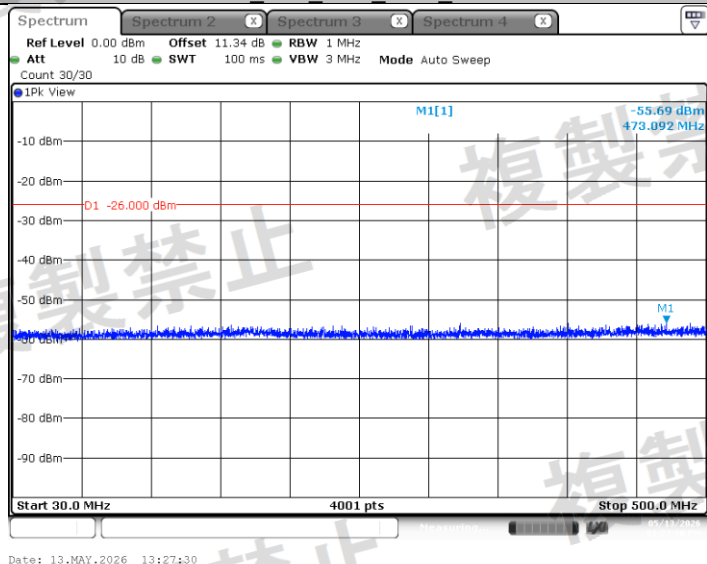
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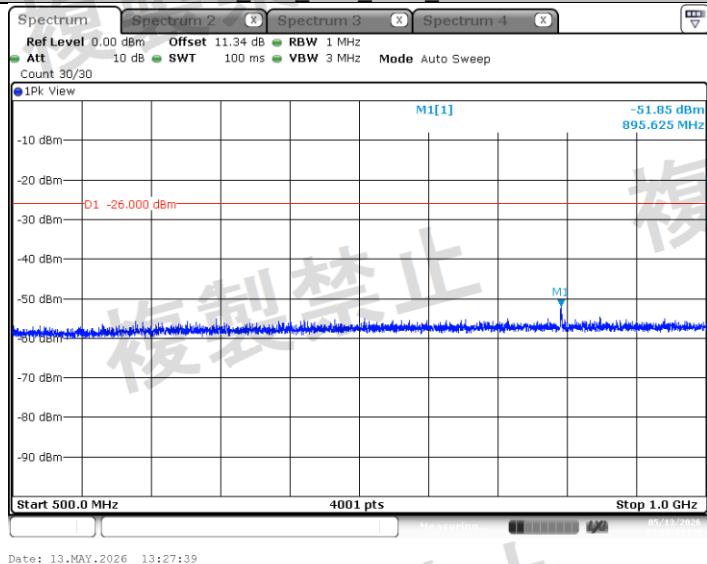
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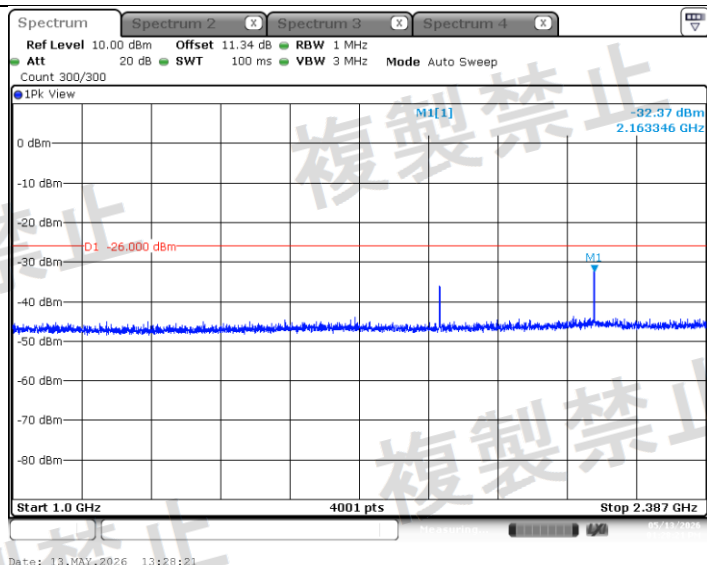
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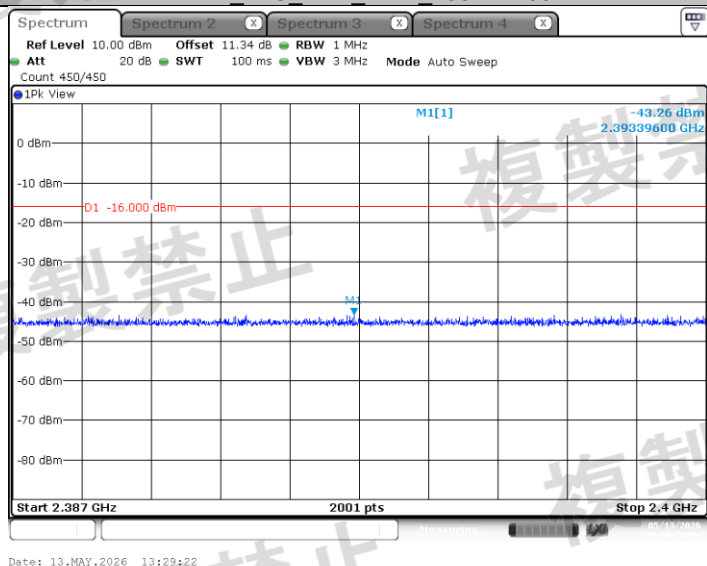
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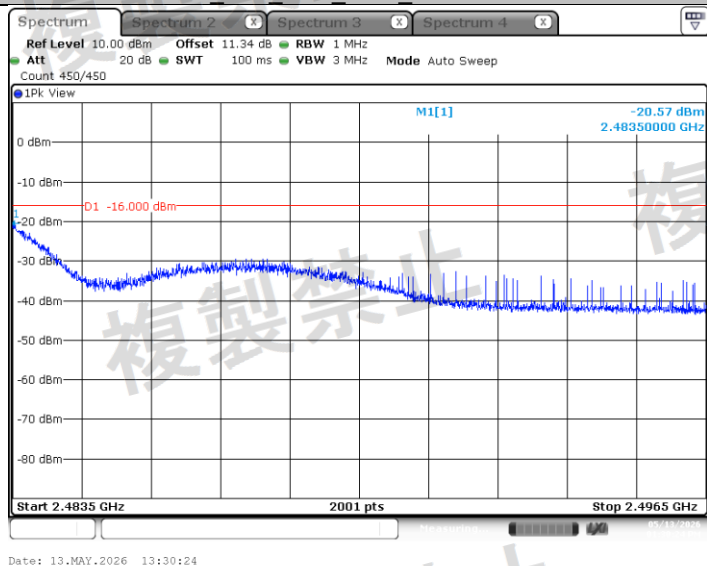
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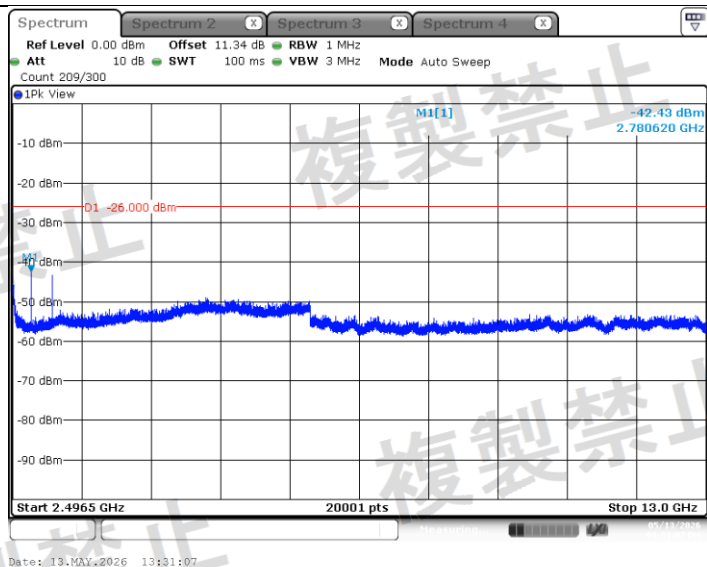
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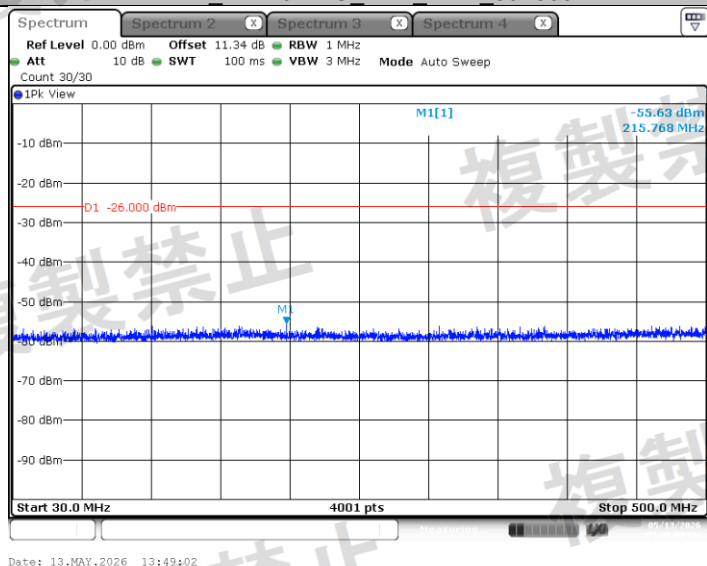
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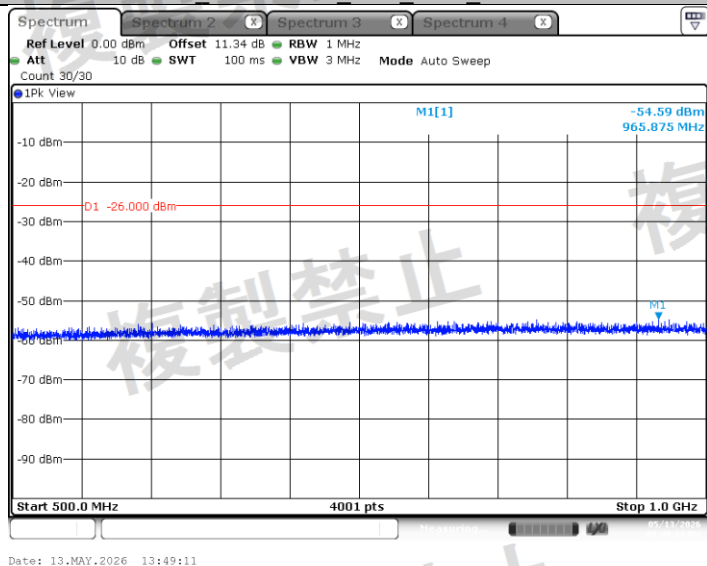
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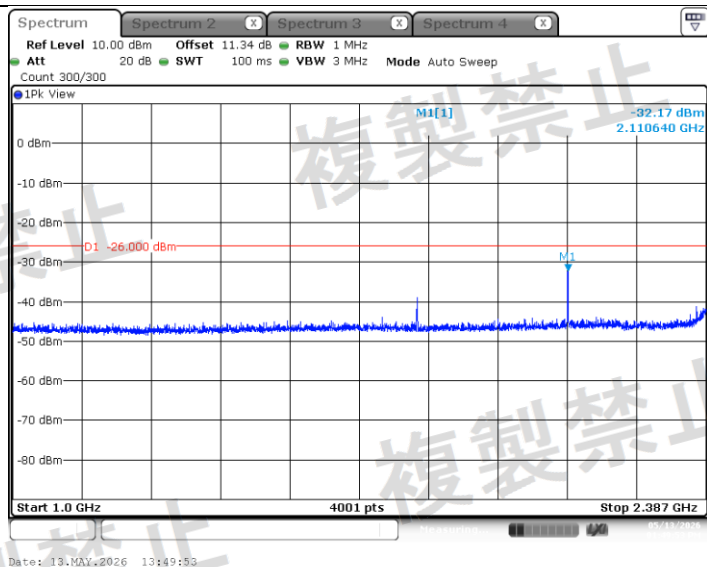
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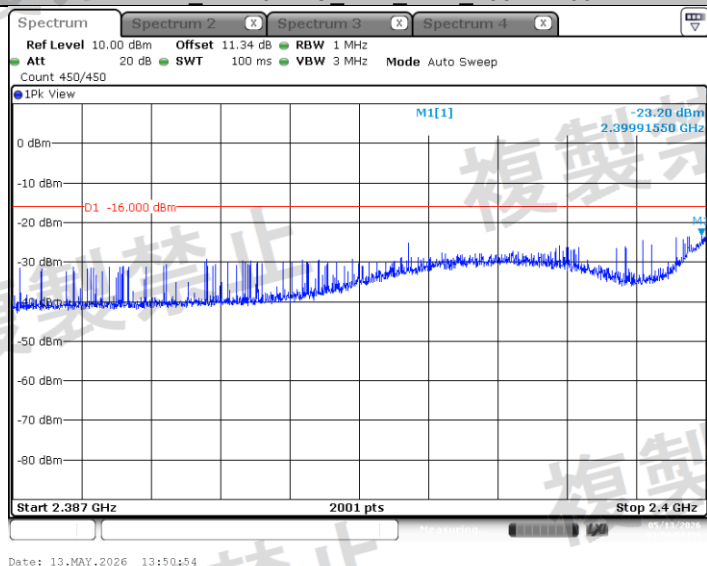
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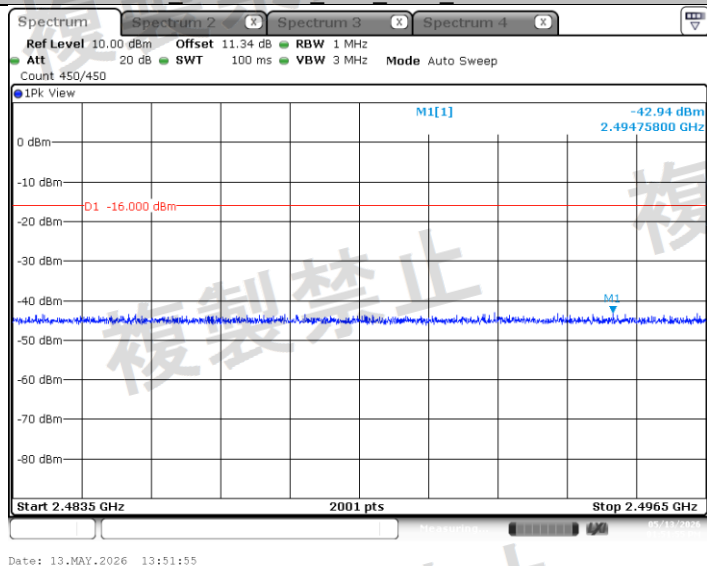
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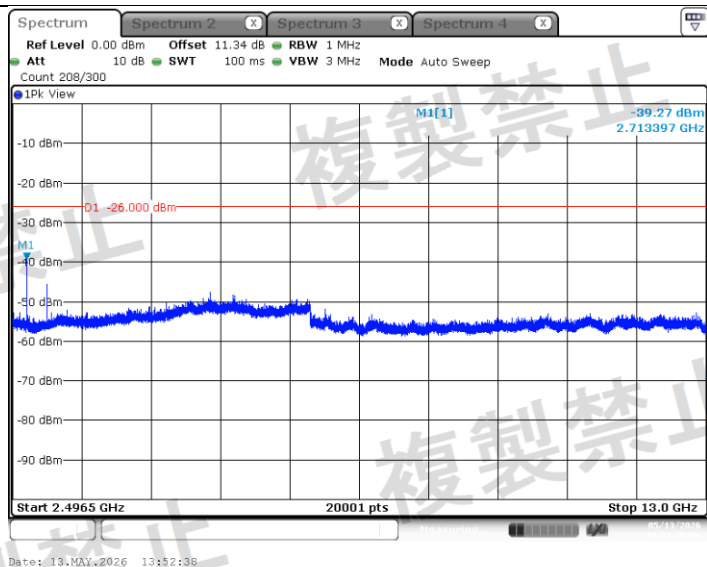
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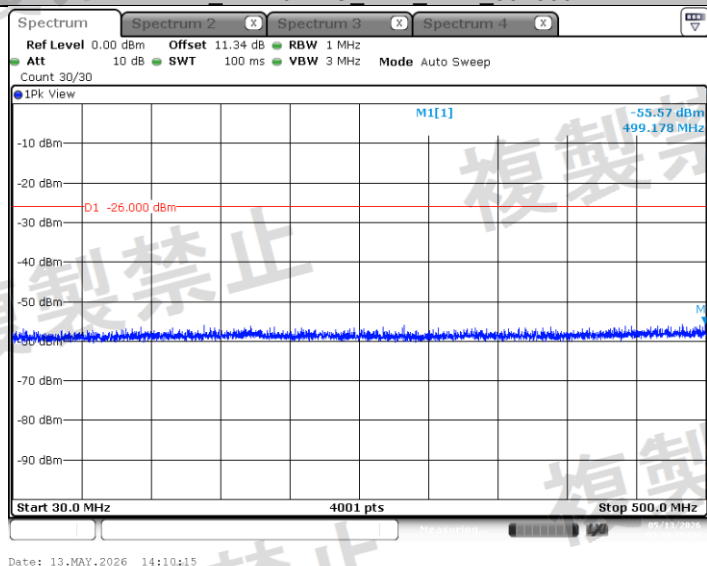
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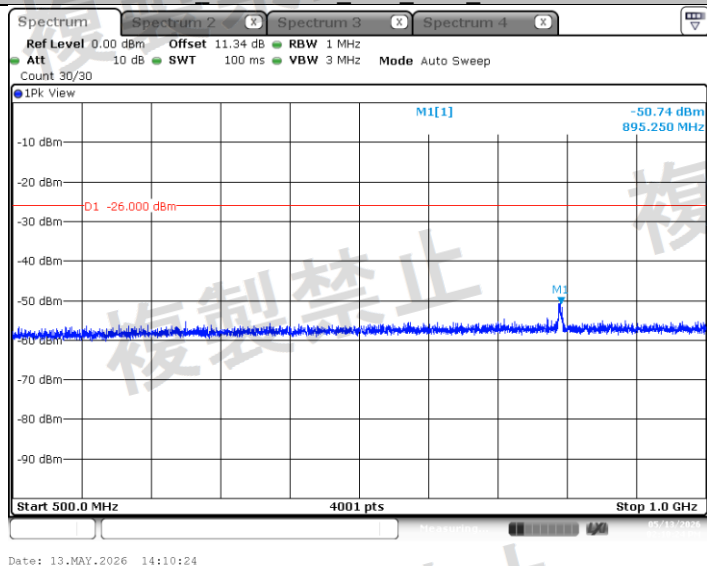
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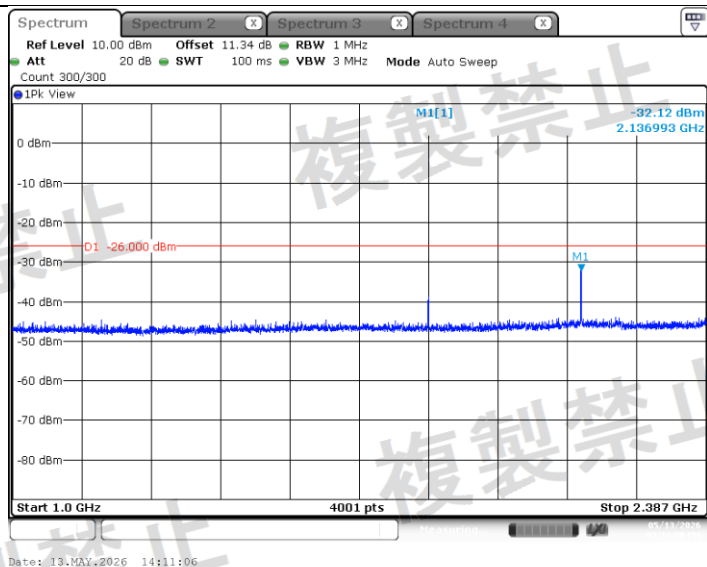
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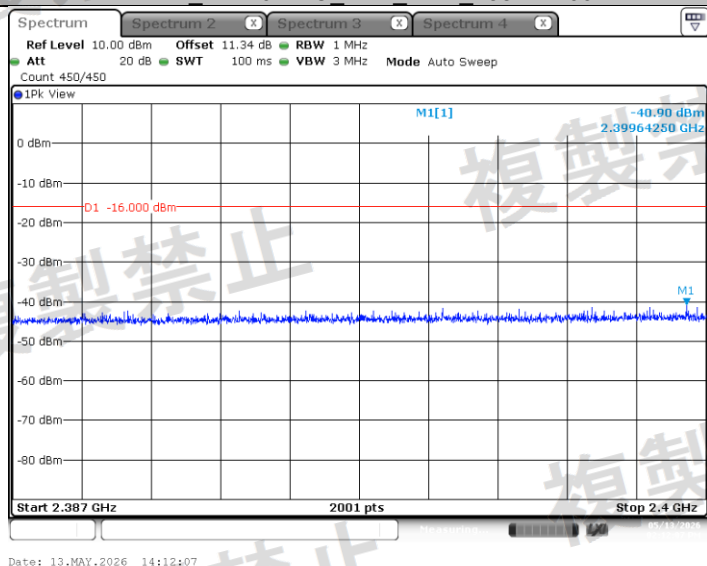
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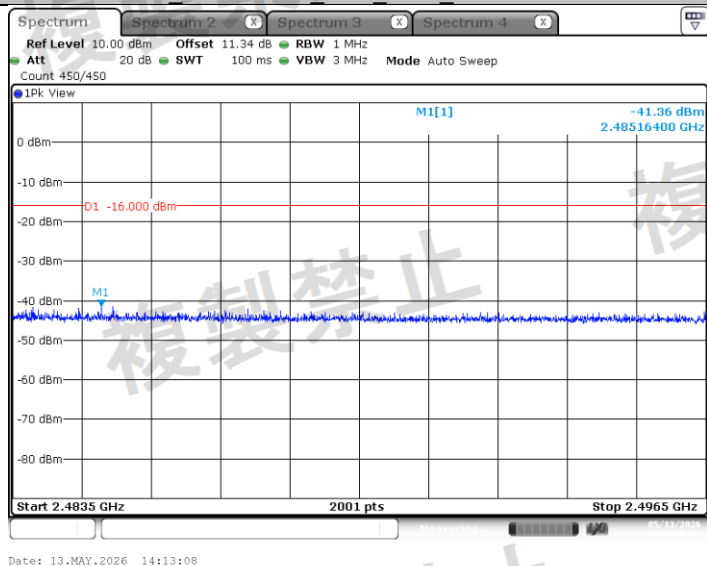
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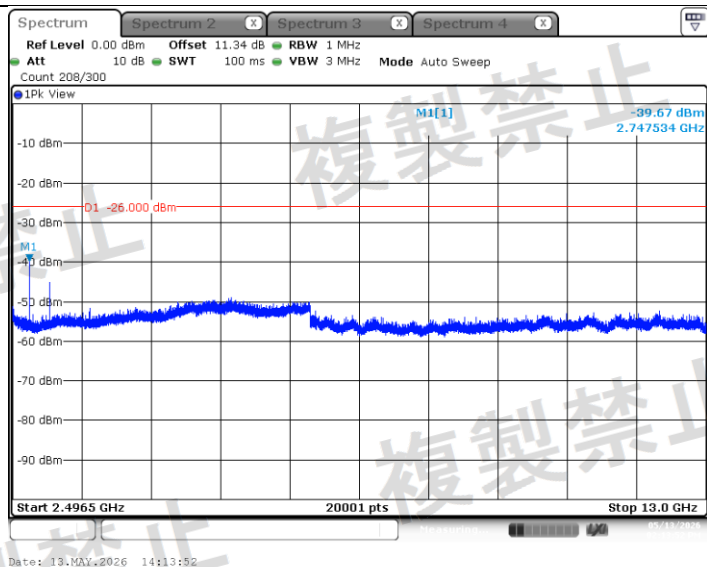
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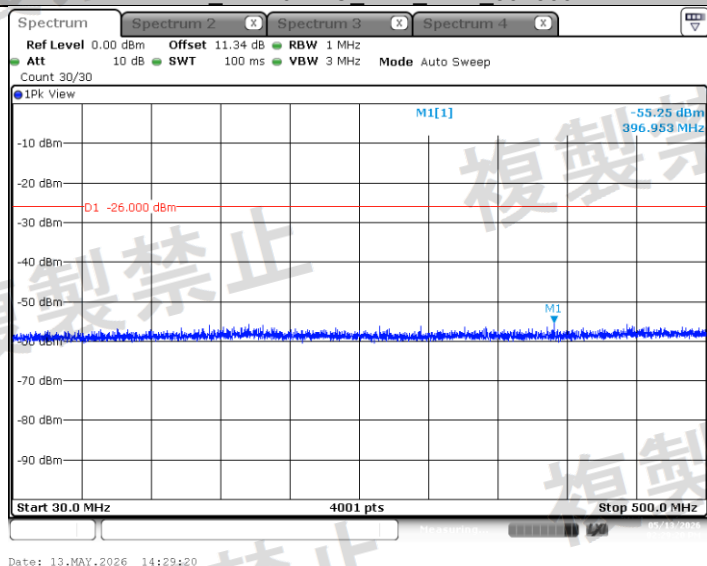
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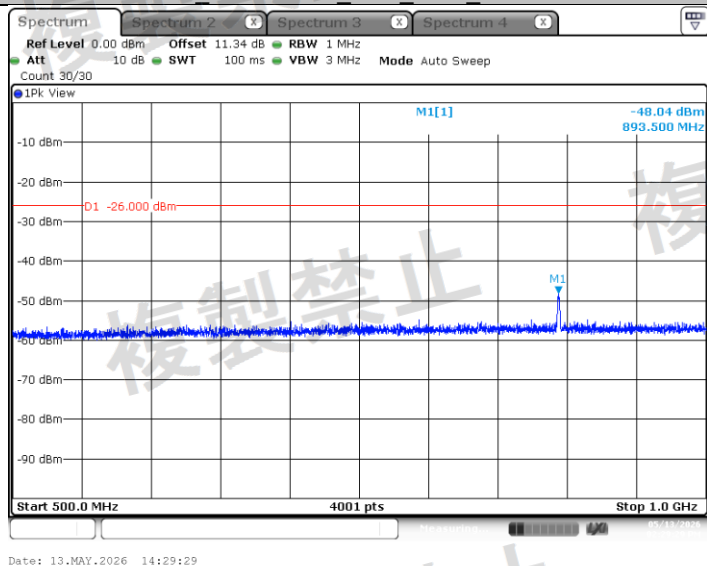
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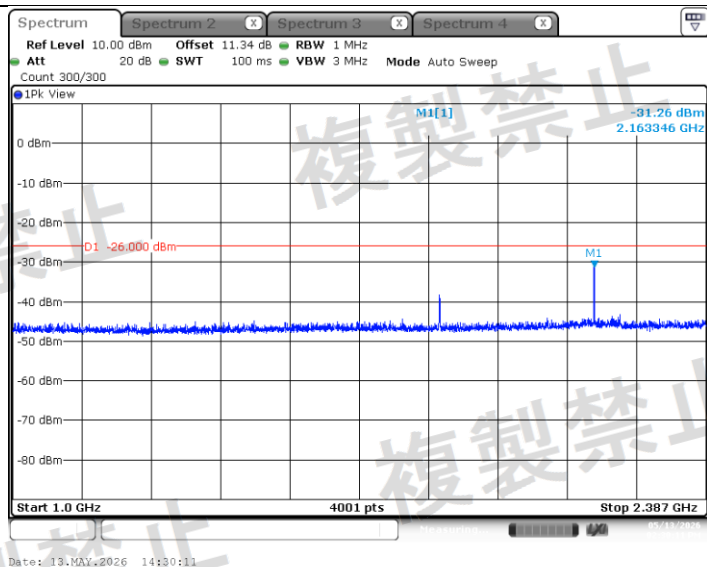
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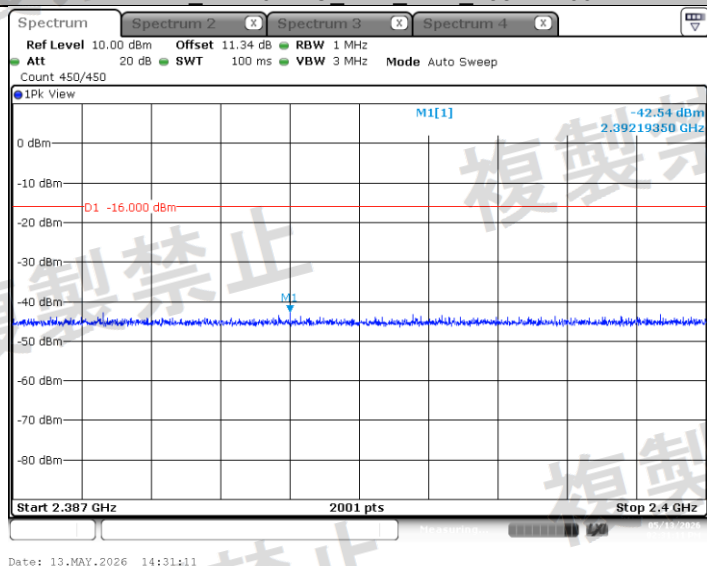
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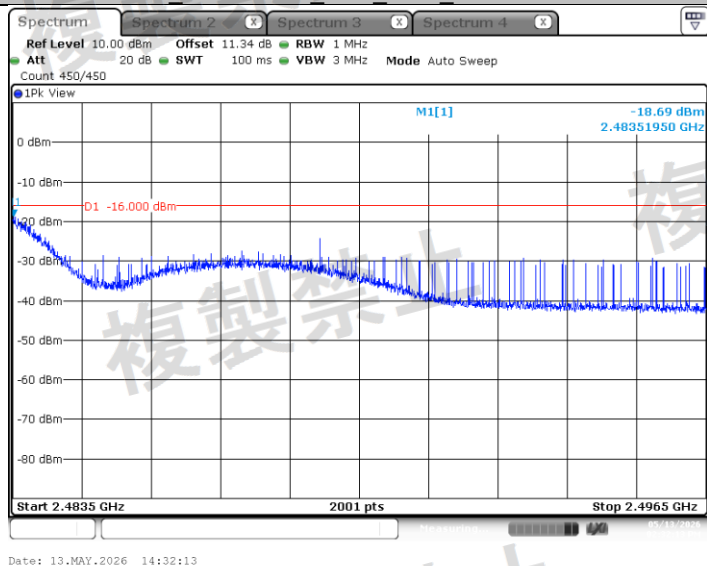
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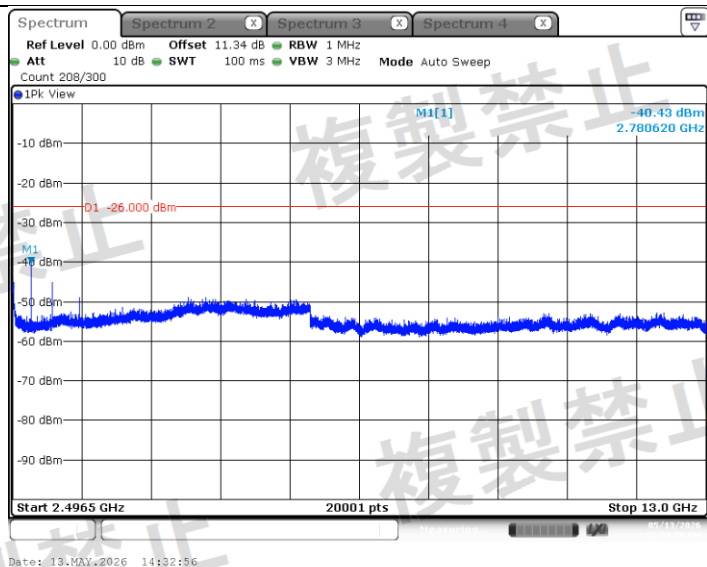
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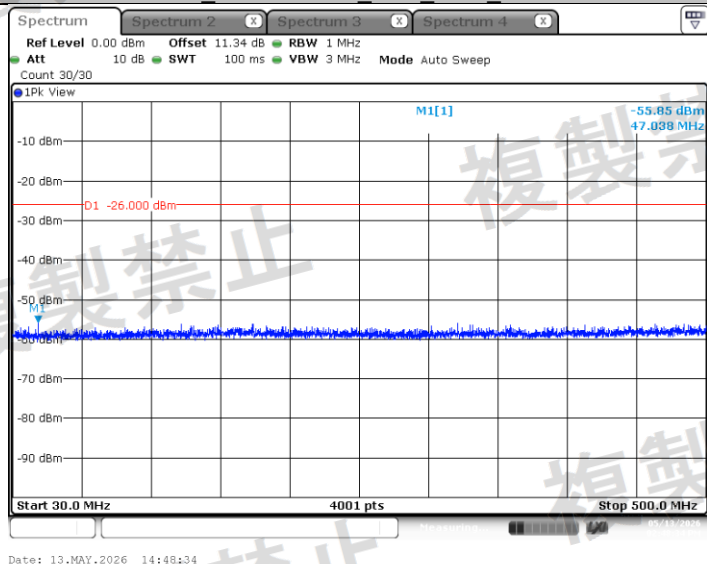
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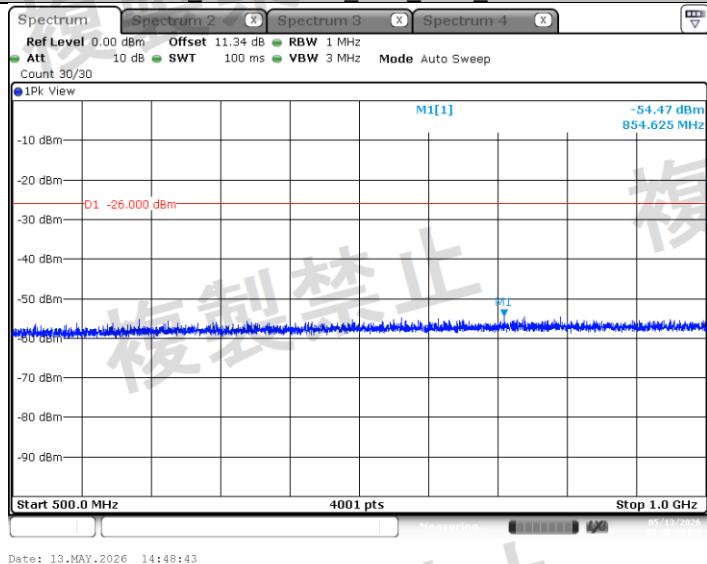
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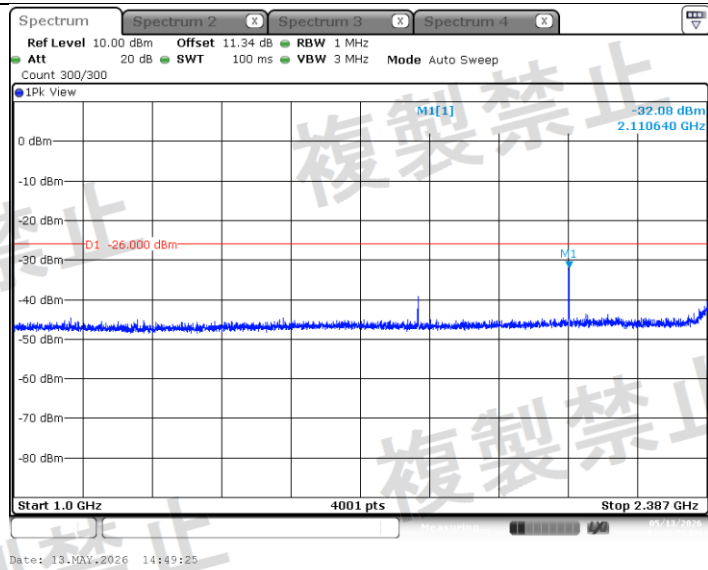
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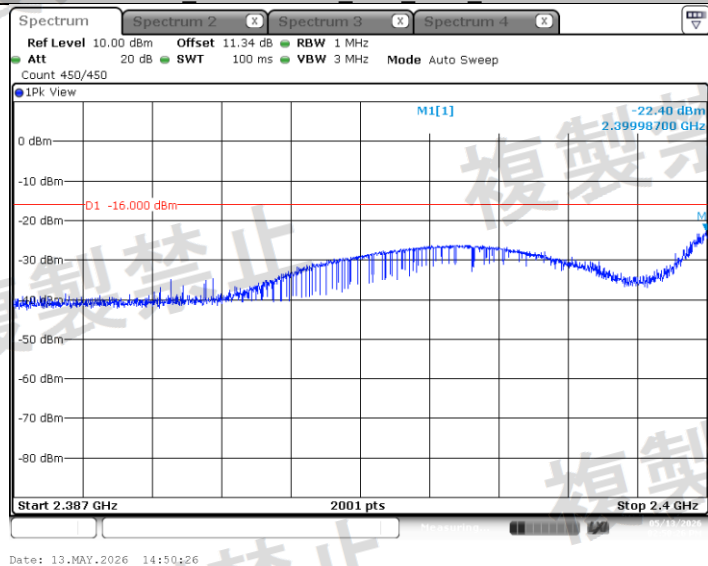
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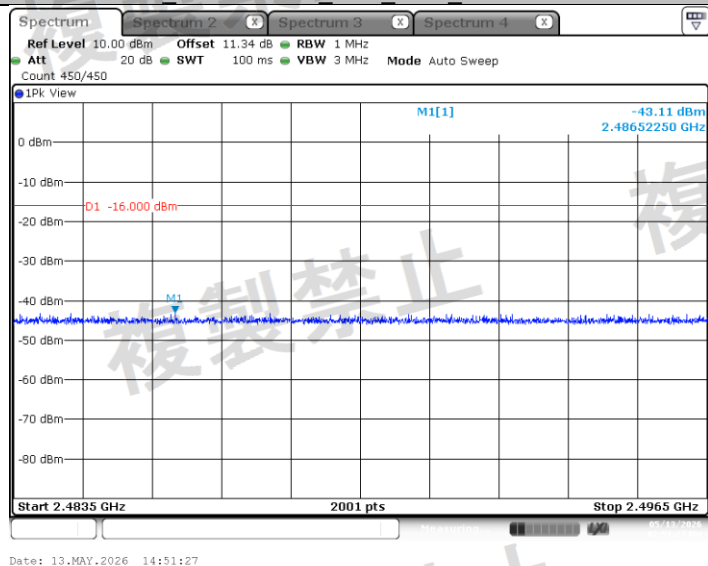
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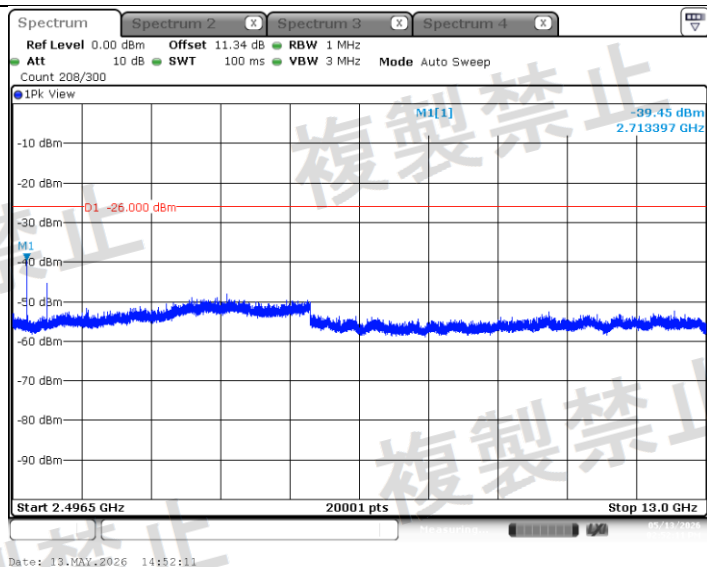
NTHV_11AX20SISO_Ant1_2412_2387~2400



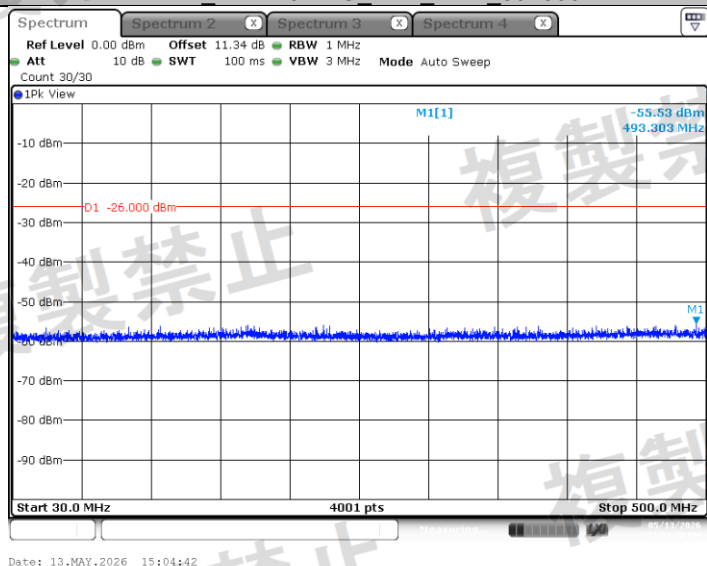
NTHV_11AX20SISO_Ant1_2412_2483.5~2496.5



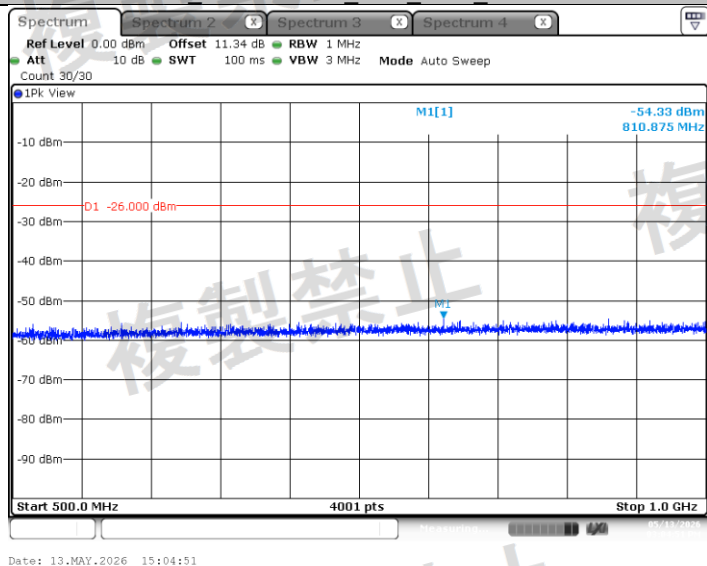
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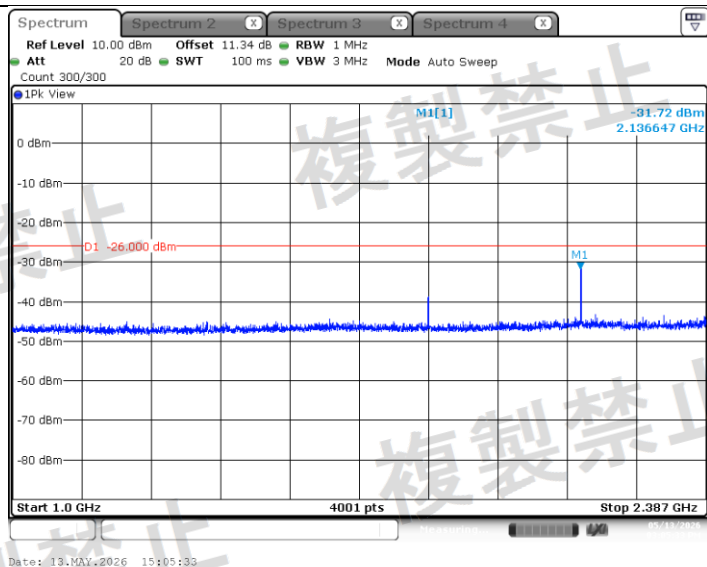
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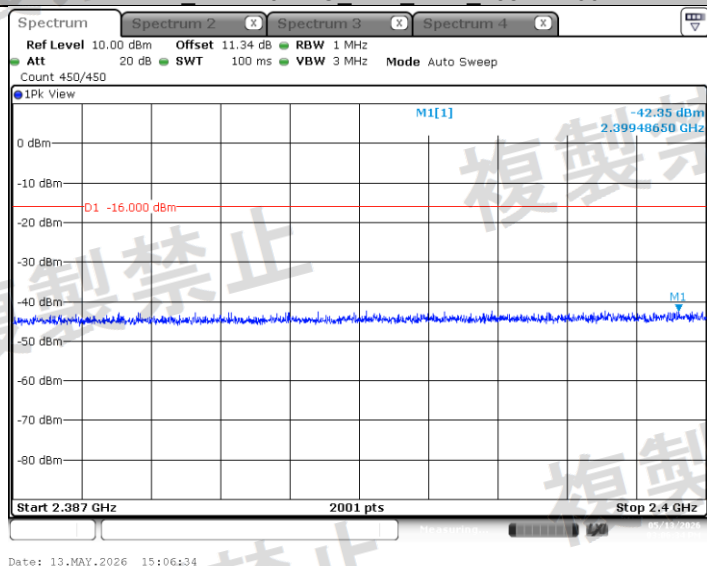
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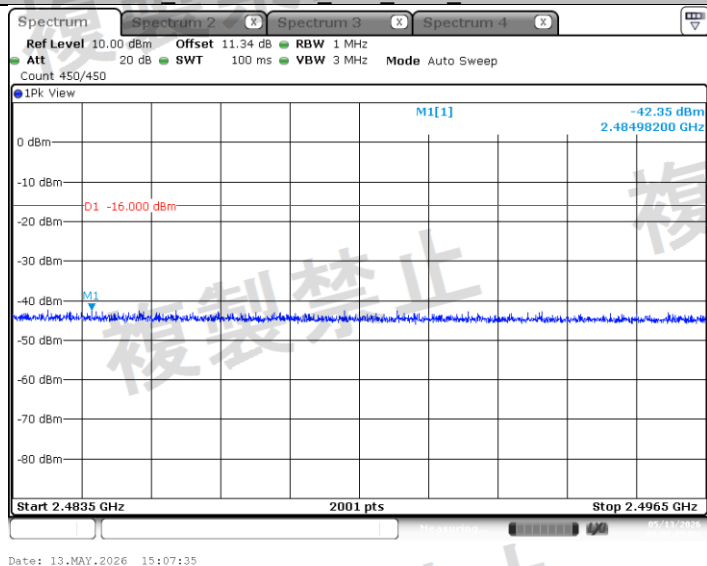
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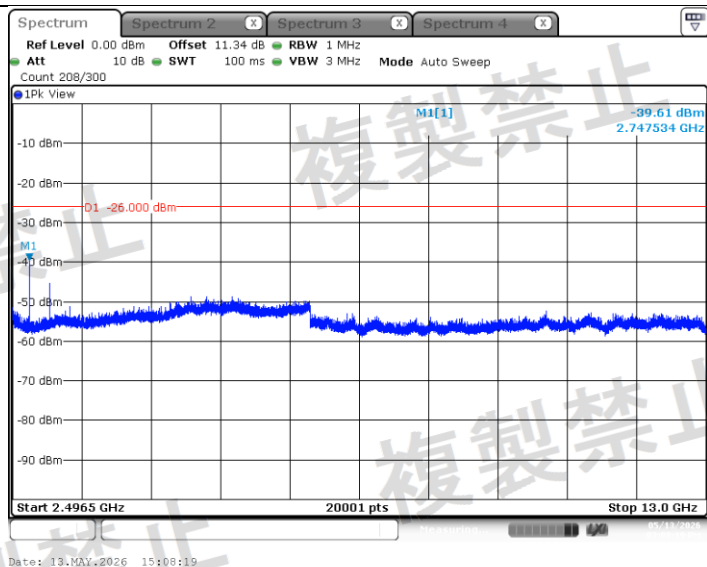
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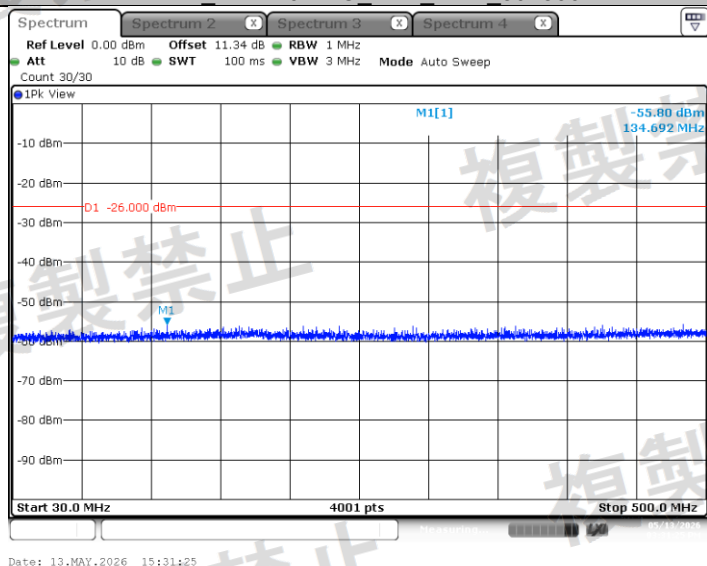
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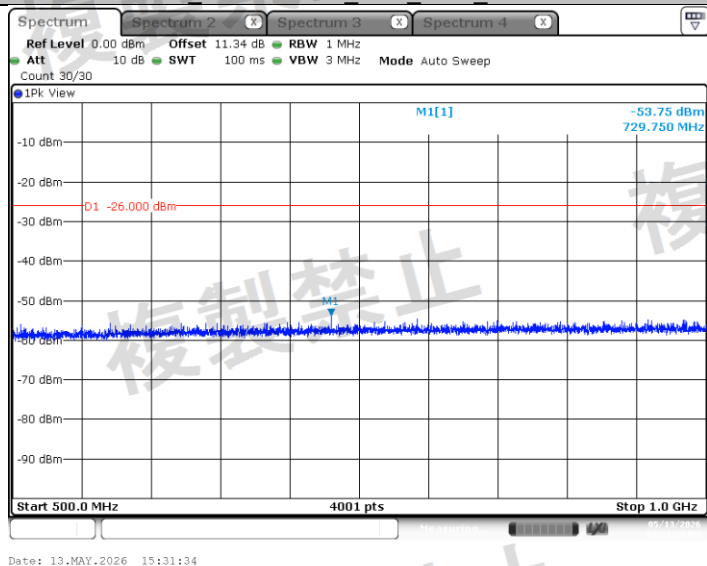
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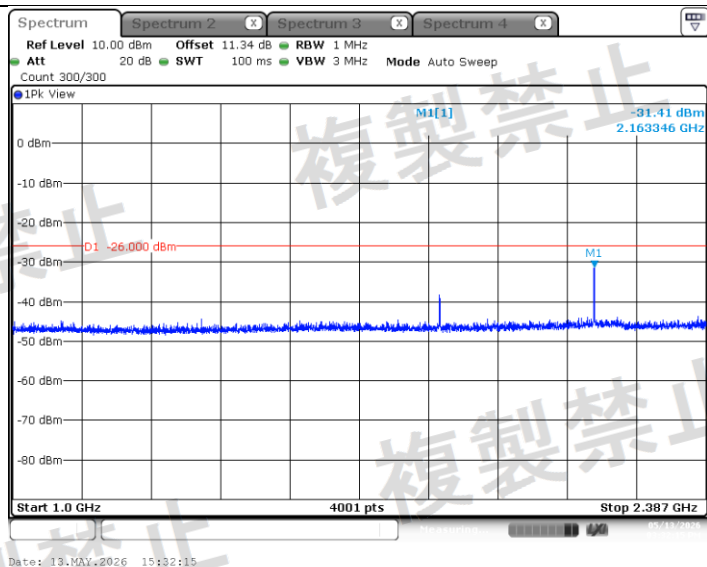
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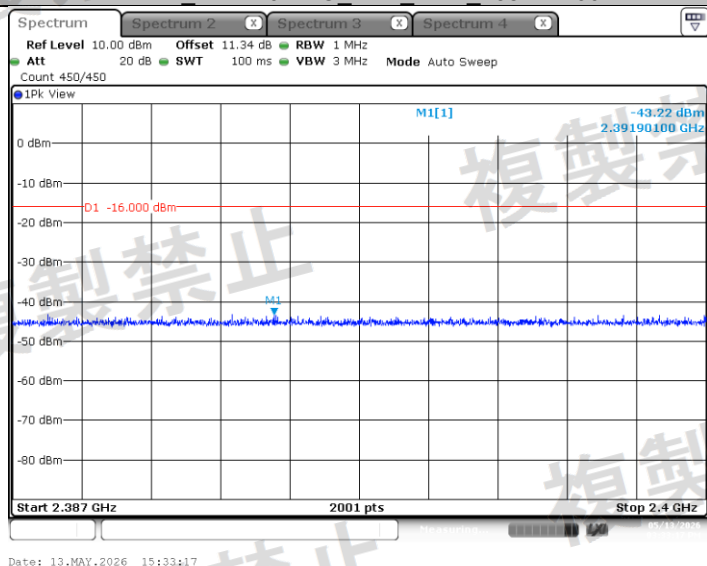
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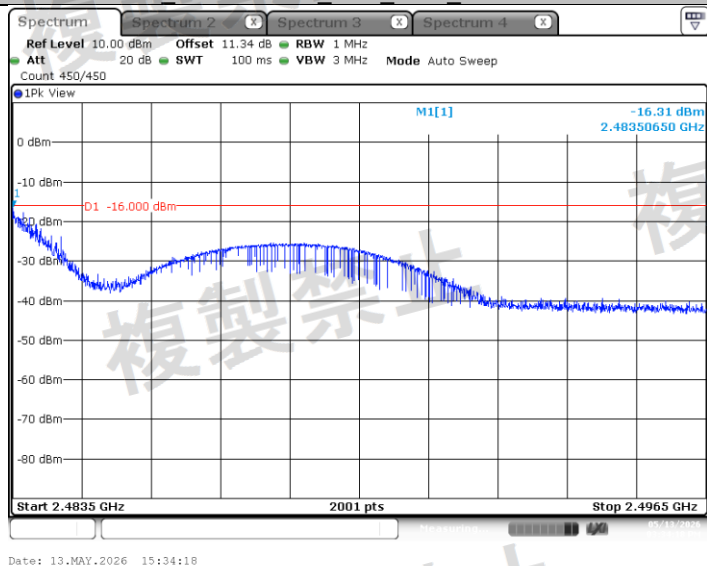
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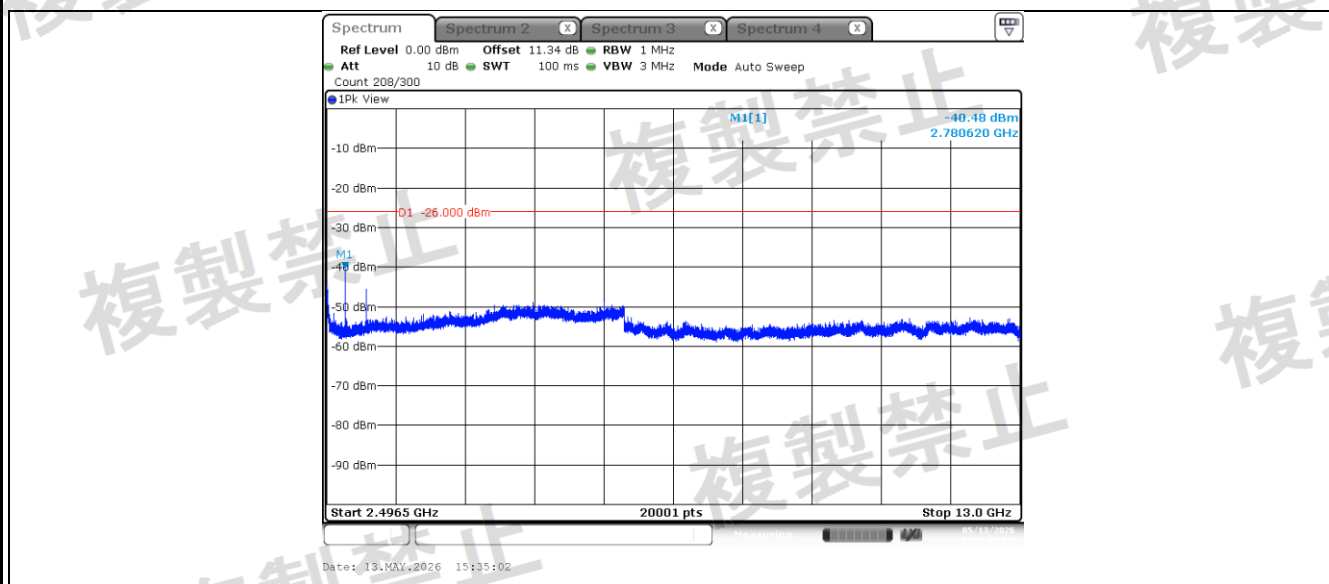
NTHV_11AX20SISO_Ant1_2472_2387~2400



NTHV_11AX20SISO_Ant1_2472_2483.5~2496.5



NTHV_11AX20SISO_Ant1_2472_2496.5~13000

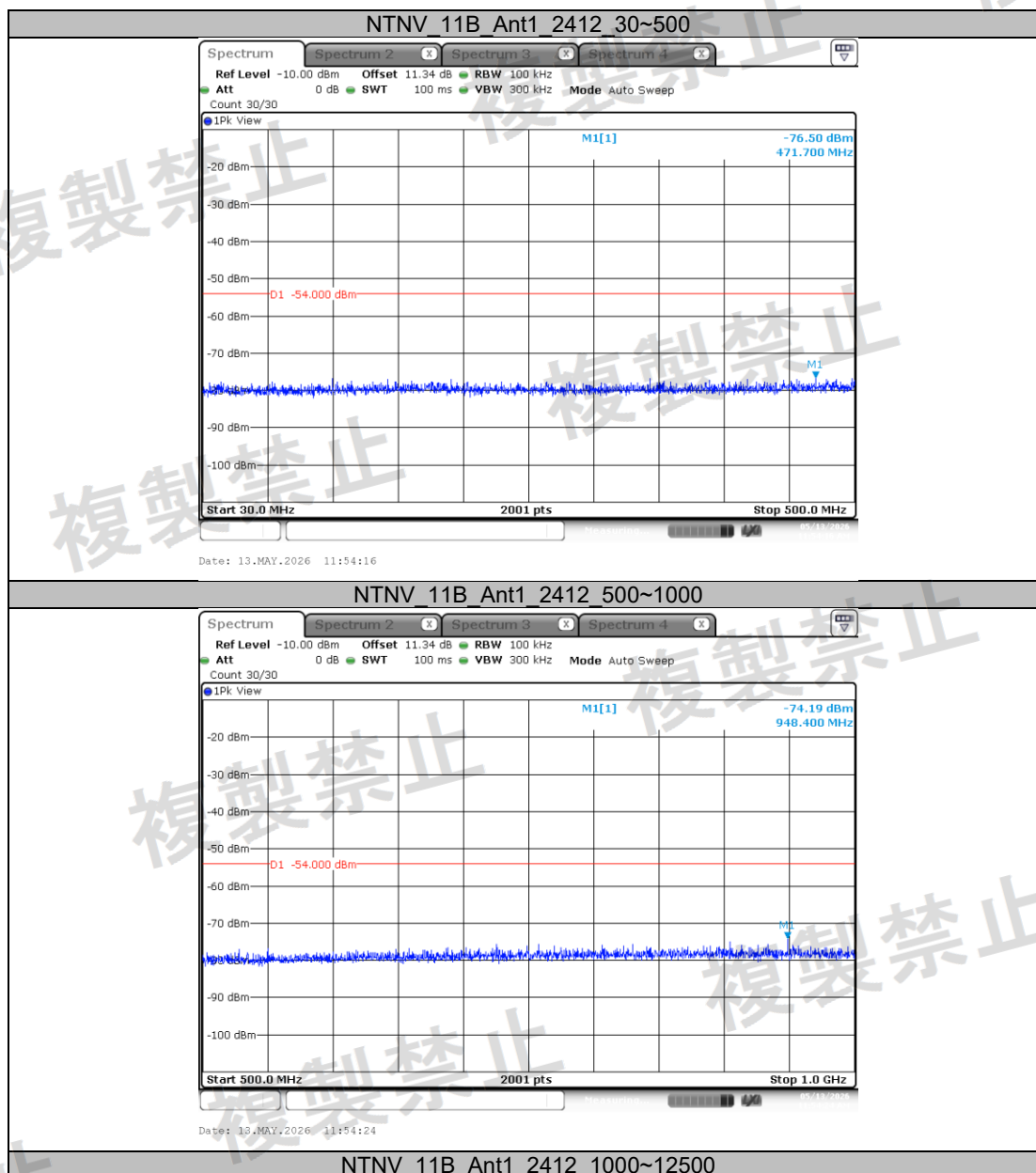


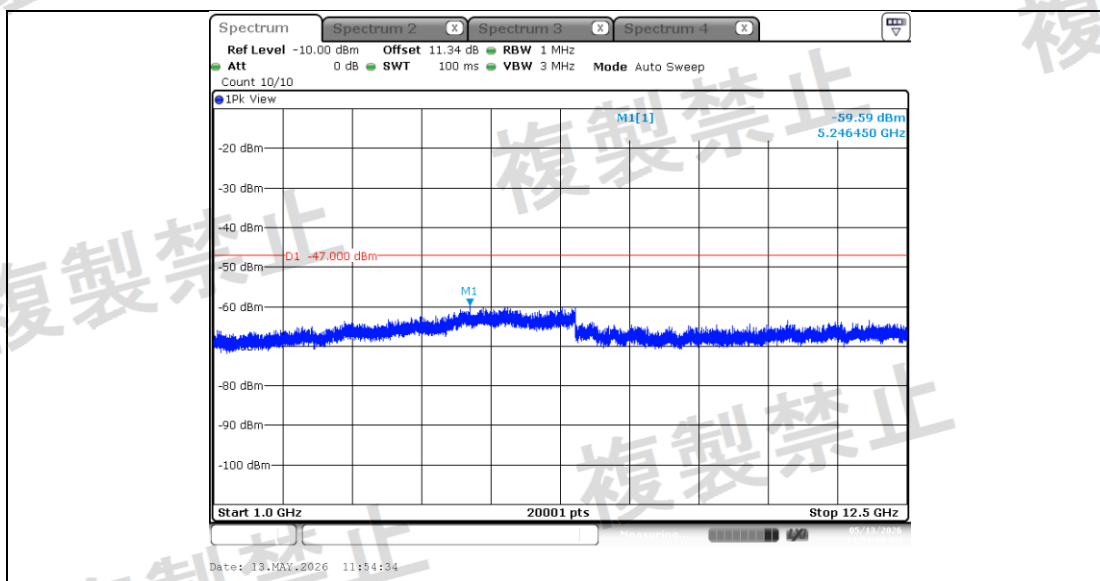
Appendix B.6: Test Results of Spurious Emissions for Receiver
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2412	30~500	471.70	-76.50	≤-54	0.02239	≤4	PASS
				500~1000	948.40	-74.19	≤-54	0.03811	≤4	PASS
				1000~12500	5246.45	-59.59	≤-47	1.09901	≤20	PASS
			2442	30~500	165.64	-76.29	≤-54	0.02350	≤4	PASS
				500~1000	911.67	-74.55	≤-54	0.03508	≤4	PASS
				1000~12500	6917.32	-59.45	≤-47	1.13501	≤20	PASS
			2472	30~500	371.87	-76.32	≤-54	0.02333	≤4	PASS
				500~1000	835.96	-75.10	≤-54	0.03090	≤4	PASS
				1000~12500	5737.48	-59.67	≤-47	1.07895	≤20	PASS
	11G	Ant1	2412	30~500	155.07	-76.46	≤-54	0.02259	≤4	PASS
				500~1000	976.64	-74.57	≤-54	0.03491	≤4	PASS
				1000~12500	5191.25	-59.82	≤-47	1.04232	≤20	PASS
			2442	30~500	163.53	-76.63	≤-54	0.02173	≤4	PASS
				500~1000	949.40	-75.13	≤-54	0.03069	≤4	PASS
				1000~12500	5822.00	-59.97	≤-47	1.00693	≤20	PASS
			2472	30~500	163.53	-75.58	≤-54	0.02767	≤4	PASS
				500~1000	948.40	-72.80	≤-54	0.05248	≤4	PASS
				1000~12500	6998.39	-59.19	≤-47	1.20504	≤20	PASS
	11N20SI SO	Ant1	2412	30~500	163.53	-77.00	≤-54	0.01995	≤4	PASS
				500~1000	904.42	-75.10	≤-54	0.03090	≤4	PASS
				1000~12500	5911.12	-60.16	≤-47	0.96383	≤20	PASS
			2442	30~1000	891.66	-70.17	≤-54	0.09616	≤4	PASS
				30~500	217.79	-76.17	≤-54	0.02415	≤4	PASS
				500~1000	857.70	-75.27	≤-54	0.02972	≤4	PASS
			2472	1000~12500	5864.54	-59.06	≤-47	1.24165	≤20	PASS
				30~500	163.53	-76.34	≤-54	0.02323	≤4	PASS
				500~1000	895.18	-75.74	≤-54	0.02667	≤4	PASS
	11AX20S ISO	Ant1	2412	1000~12500	5376.97	-59.67	≤-47	1.07895	≤20	PASS
				30~500	172.69	-76.53	≤-54	0.02223	≤4	PASS
				500~1000	966.64	-75.24	≤-54	0.02992	≤4	PASS
			2442	1000~12500	5207.35	-59.45	≤-47	1.13501	≤20	PASS
				30~500	192.42	-76.25	≤-54	0.02371	≤4	PASS
				500~1000	916.42	-75.07	≤-54	0.03112	≤4	PASS
			2472	1000~12500	5792.10	-59.72	≤-47	1.06660	≤20	PASS
				30~500	470.05	-76.00	≤-54	0.02512	≤4	PASS
				500~1000	860.94	-75.18	≤-54	0.03034	≤4	PASS
NTLV	11B	Ant1	2412	1000~12500	5482.19	-59.71	≤-47	1.06905	≤20	PASS
				30~500	202.05	-76.19	≤-54	0.02404	≤4	PASS
				500~1000	830.46	-75.73	≤-54	0.02673	≤4	PASS
			2442	1000~12500	5861.09	-59.70	≤-47	1.07152	≤20	PASS
				30~500	165.64	-75.16	≤-54	0.03048	≤4	PASS
				500~1000	869.94	-75.57	≤-54	0.02773	≤4	PASS
			2472	1000~12500	6065.78	-59.45	≤-47	1.13501	≤20	PASS
				30~500	167.52	-76.25	≤-54	0.02371	≤4	PASS
				500~1000	814.47	-75.12	≤-54	0.03076	≤4	PASS
	11G	Ant1	2412	1000~12500	6897.19	-59.40	≤-47	1.14815	≤20	PASS
				30~500	476.63	-76.78	≤-54	0.02099	≤4	PASS
				500~1000	948.40	-73.88	≤-54	0.04093	≤4	PASS
			2442	1000~12500	5955.96	-59.79	≤-47	1.04954	≤20	PASS
				30~500	167.52	-76.22	≤-54	0.02388	≤4	PASS
				500~1000	948.40	-74.82	≤-54	0.03296	≤4	PASS
			2472	1000~12500	5919.74	-59.26	≤-47	1.18577	≤20	PASS
				30~500	417.20	-76.25	≤-54	0.02371	≤4	PASS
				500~1000	974.64	-75.24	≤-54	0.02992	≤4	PASS
	11N20SI SO	Ant1	2412	1000~12500	3580.18	-58.43	≤-47	1.43549	≤20	PASS
				30~500	136.75	-76.46	≤-54	0.02259	≤4	PASS
				500~1000	896.68	-74.73	≤-54	0.03365	≤4	PASS

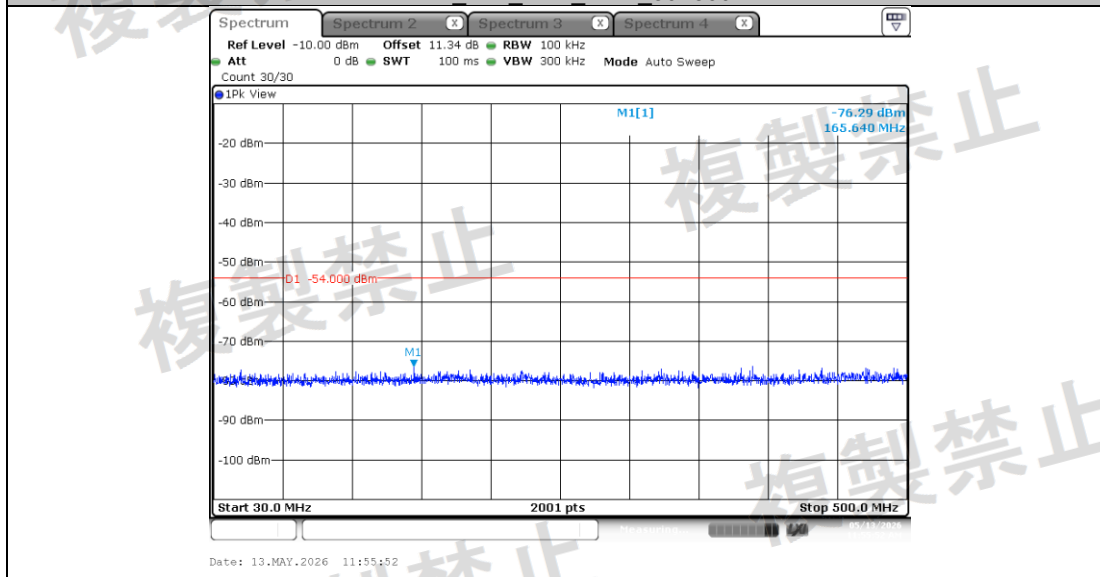
NTHV	11AX20S ISO	Ant1	2442	1000~12500	6903.52	-60.12	≤-47	0.97275	≤20	PASS
				30~500	183.50	-76.70	≤-54	0.02138	≤4	PASS
				500~1000	769.49	-75.45	≤-54	0.02851	≤4	PASS
			2472	1000~12500	5401.69	-59.33	≤-47	1.16681	≤20	PASS
				30~500	442.81	-76.08	≤-54	0.02466	≤4	PASS
				500~1000	949.40	-74.79	≤-54	0.03319	≤4	PASS
			2412	1000~12500	5848.45	-59.87	≤-47	1.03039	≤20	PASS
				30~500	163.53	-75.63	≤-54	0.02735	≤4	PASS
				500~1000	962.89	-75.56	≤-54	0.02780	≤4	PASS
			2442	1000~12500	6959.29	-59.85	≤-47	1.03514	≤20	PASS
				30~500	230.47	-75.63	≤-54	0.02735	≤4	PASS
				500~1000	954.90	-74.95	≤-54	0.03199	≤4	PASS
	11B	Ant1	2472	1000~12500	5791.52	-59.66	≤-47	1.08143	≤20	PASS
				30~500	313.39	-76.38	≤-54	0.02301	≤4	PASS
				500~1000	776.99	-74.29	≤-54	0.03724	≤4	PASS
			2412	1000~12500	5819.12	-59.64	≤-47	1.08643	≤20	PASS
				30~500	290.13	-76.38	≤-54	0.02301	≤4	PASS
				500~1000	899.18	-75.38	≤-54	0.02897	≤4	PASS
			2442	1000~12500	5241.28	-59.41	≤-47	1.14551	≤20	PASS
				30~500	149.20	-74.19	≤-54	0.03811	≤4	PASS
				500~1000	789.23	-75.58	≤-54	0.02767	≤4	PASS
			2472	1000~12500	5552.33	-59.93	≤-47	1.01625	≤20	PASS
				30~500	196.41	-75.92	≤-54	0.02559	≤4	PASS
				500~1000	948.40	-74.65	≤-54	0.03428	≤4	PASS
NTHV	11G	Ant1	2412	1000~12500	6922.49	-59.91	≤-47	1.02094	≤20	PASS
				30~500	439.75	-76.05	≤-54	0.02483	≤4	PASS
				500~1000	740.50	-75.10	≤-54	0.03090	≤4	PASS
			2442	1000~12500	6944.92	-59.74	≤-47	1.06170	≤20	PASS
				30~500	38.34	-76.65	≤-54	0.02163	≤4	PASS
				500~1000	892.18	-67.69	≤-54	0.17022	≤4	PASS
			2472	1000~12500	5447.69	-59.60	≤-47	1.09648	≤20	PASS
				30~500	470.99	-76.37	≤-54	0.02307	≤4	PASS
				500~1000	948.40	-74.62	≤-54	0.03451	≤4	PASS
	11N20SI SO	Ant1	2412	1000~12500	2420.47	-57.54	≤-47	1.76198	≤20	PASS
				30~500	79.91	-76.29	≤-54	0.02350	≤4	PASS
				500~1000	997.63	-75.24	≤-54	0.02992	≤4	PASS
			2442	1000~12500	5427.57	-59.64	≤-47	1.08643	≤20	PASS
				30~500	163.53	-75.98	≤-54	0.02523	≤4	PASS
				500~1000	910.42	-75.27	≤-54	0.02972	≤4	PASS
			2472	1000~12500	5839.82	-58.94	≤-47	1.27644	≤20	PASS
				30~500	163.53	-76.90	≤-54	0.02042	≤4	PASS
				500~1000	774.74	-75.84	≤-54	0.02606	≤4	PASS
	11AX20S ISO	Ant1	2412	1000~12500	5402.84	-59.52	≤-47	1.11686	≤20	PASS
				30~500	81.79	-76.54	≤-54	0.02218	≤4	PASS
				500~1000	888.18	-75.41	≤-54	0.02877	≤4	PASS
			2442	1000~12500	5297.62	-59.64	≤-47	1.08643	≤20	PASS
				30~500	354.96	-76.55	≤-54	0.02213	≤4	PASS
				500~1000	851.45	-75.95	≤-54	0.02541	≤4	PASS
			2472	1000~12500	5804.17	-59.67	≤-47	1.07895	≤20	PASS
				30~500	397.94	-76.81	≤-54	0.02084	≤4	PASS
				500~1000	961.39	-75.41	≤-54	0.02877	≤4	PASS
			2412	1000~12500	5808.77	-59.80	≤-47	1.04713	≤20	PASS
				30~500	81.79	-76.54	≤-54	0.02218	≤4	PASS
				500~1000	888.18	-75.41	≤-54	0.02877	≤4	PASS

Test Graphs

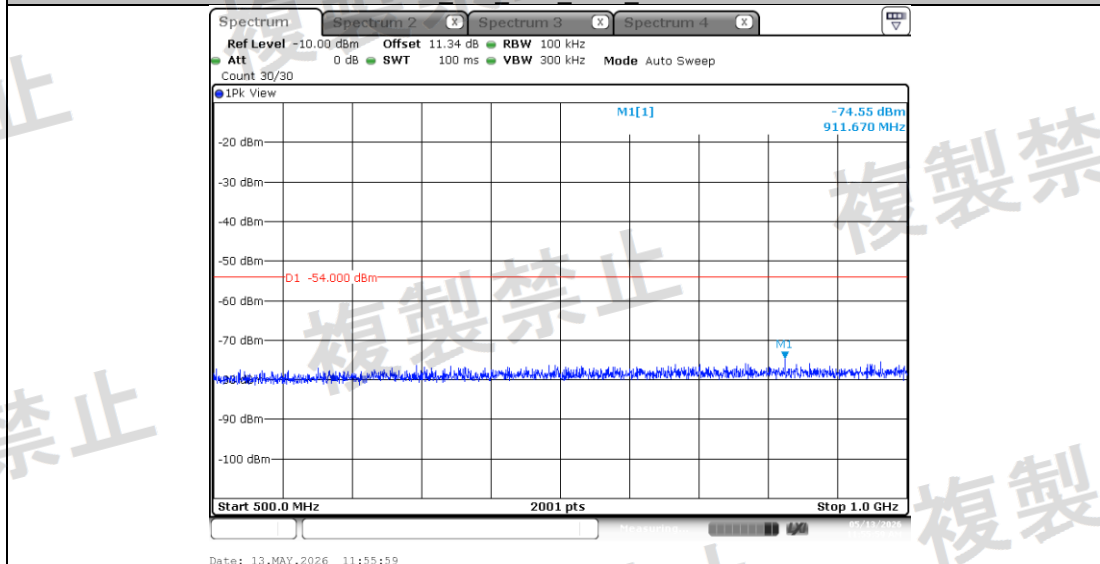




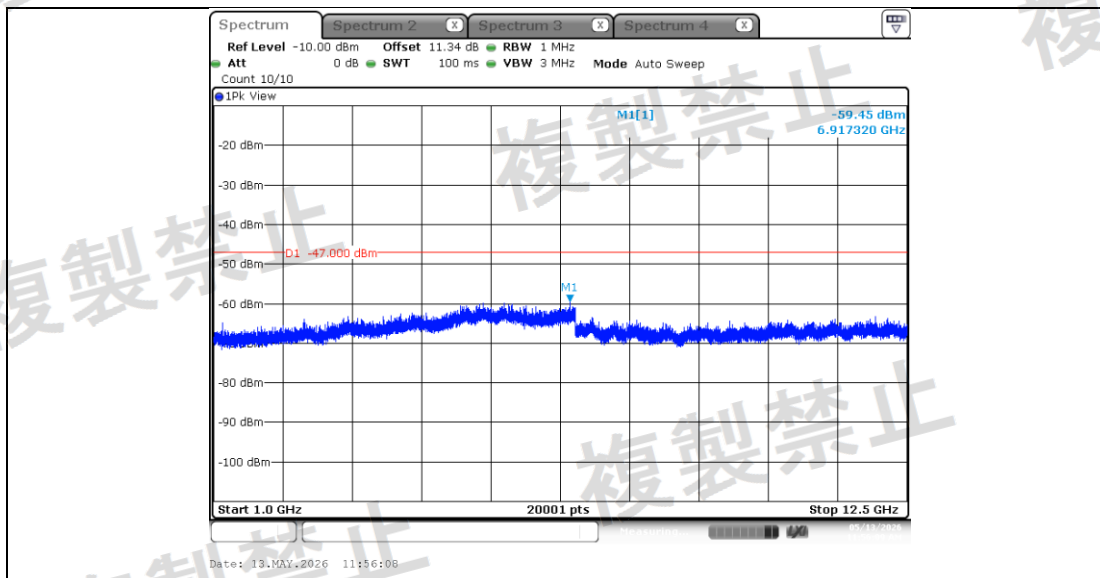
NTNV_11B Ant1 2442 30~500



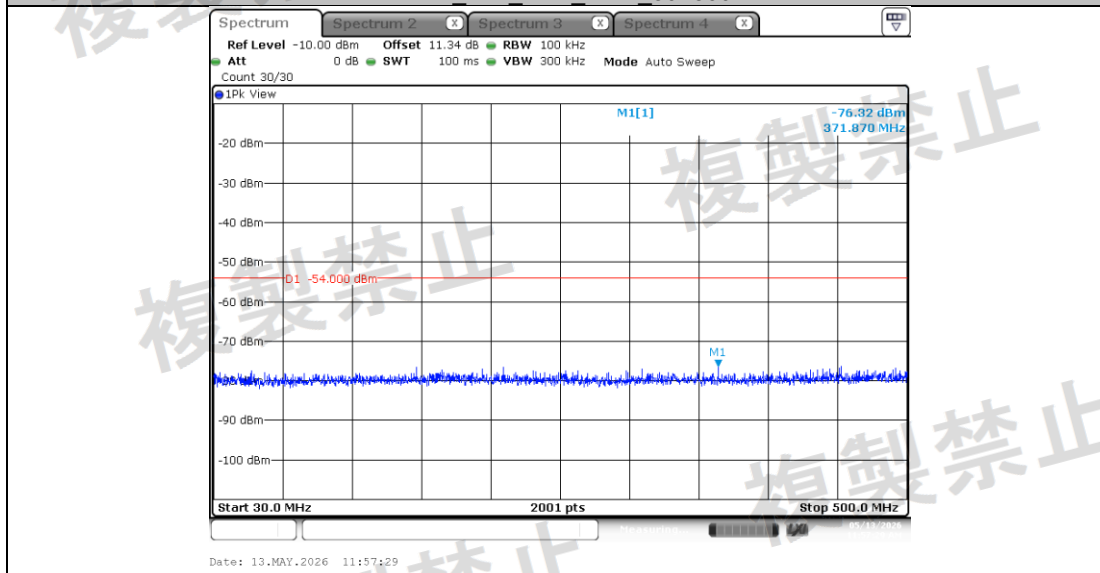
NTNV_11B Ant1 2442 500~1000



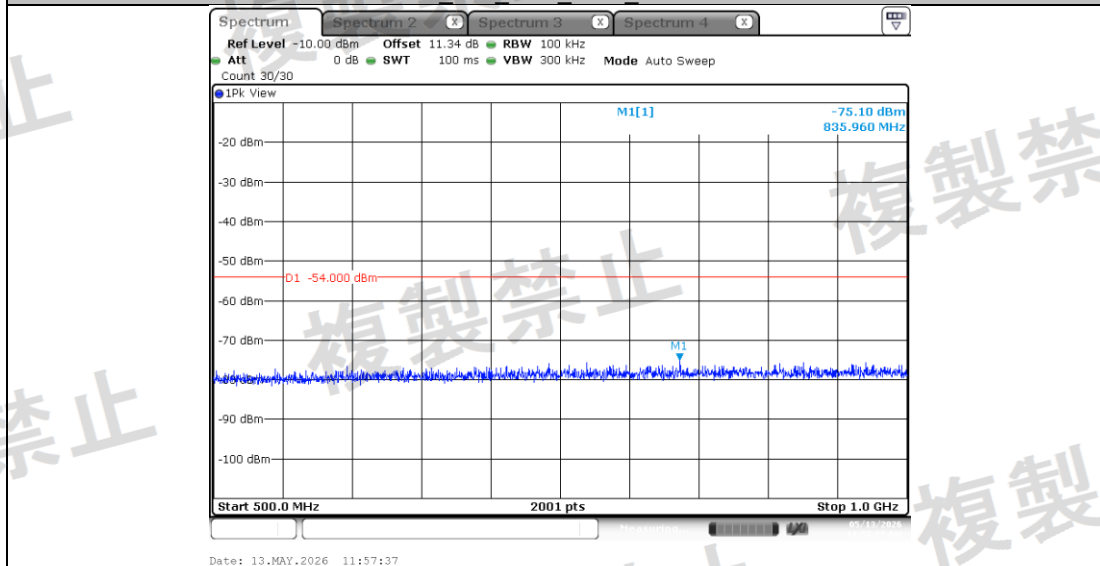
NTNV_11B Ant1 2442 1000~12500



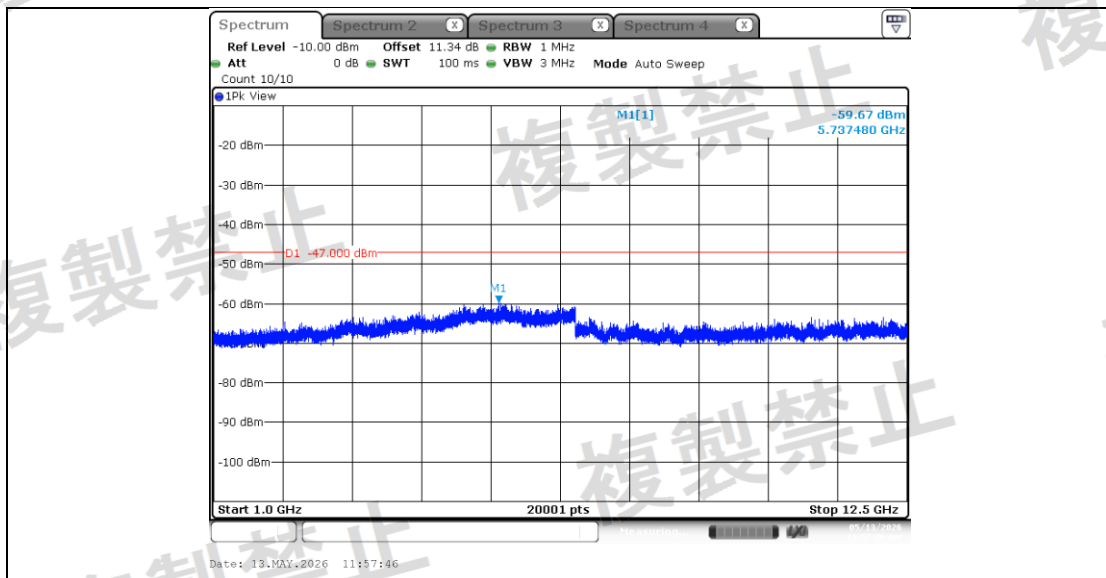
NTNV_11B Ant1 2472 30~500



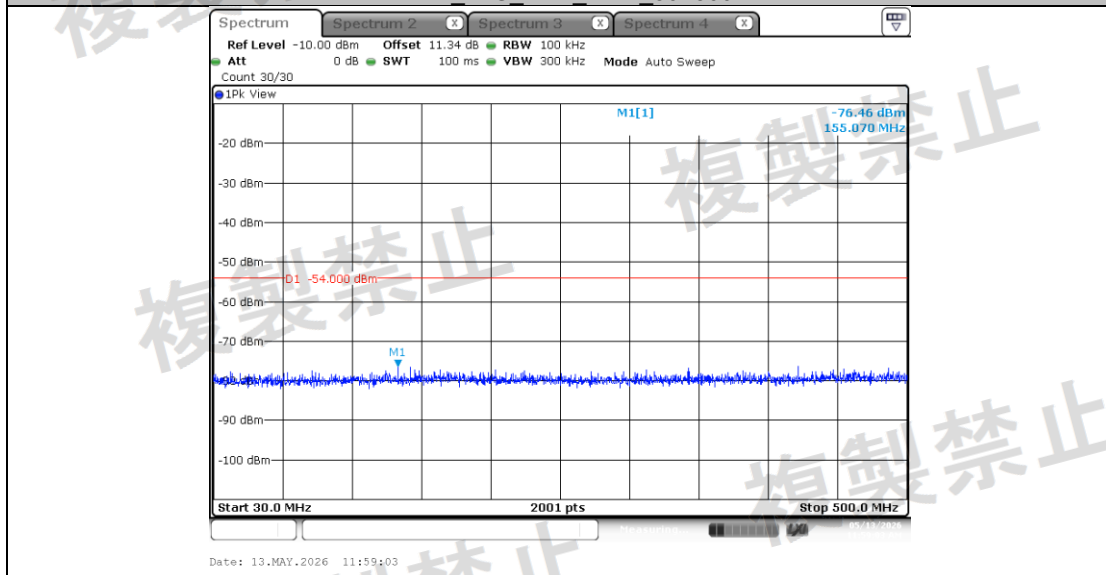
NTNV_11B Ant1 2472 500~1000



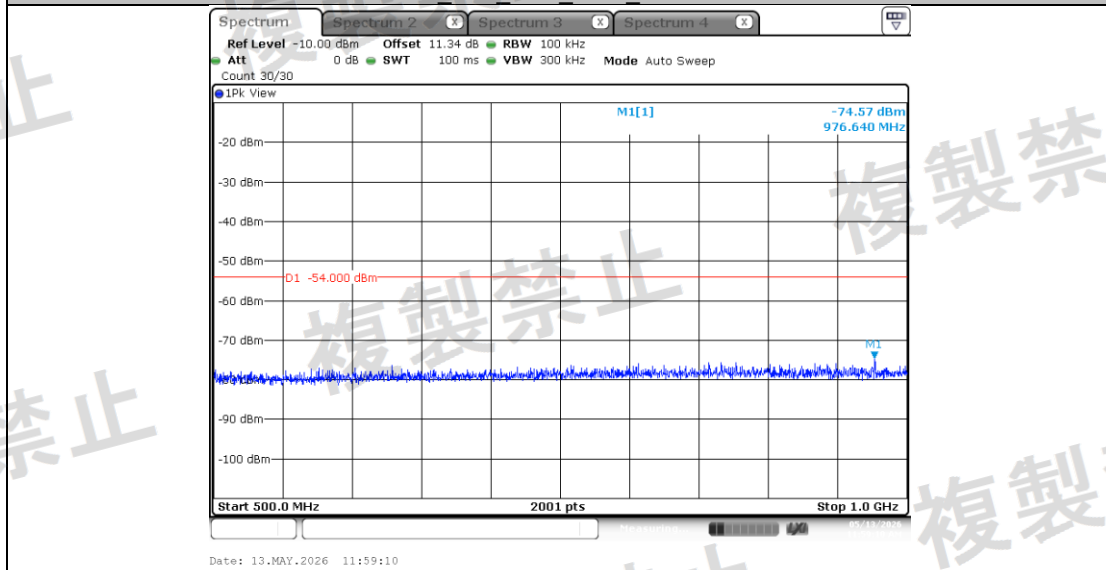
NTNV_11B Ant1 2472 1000~12500



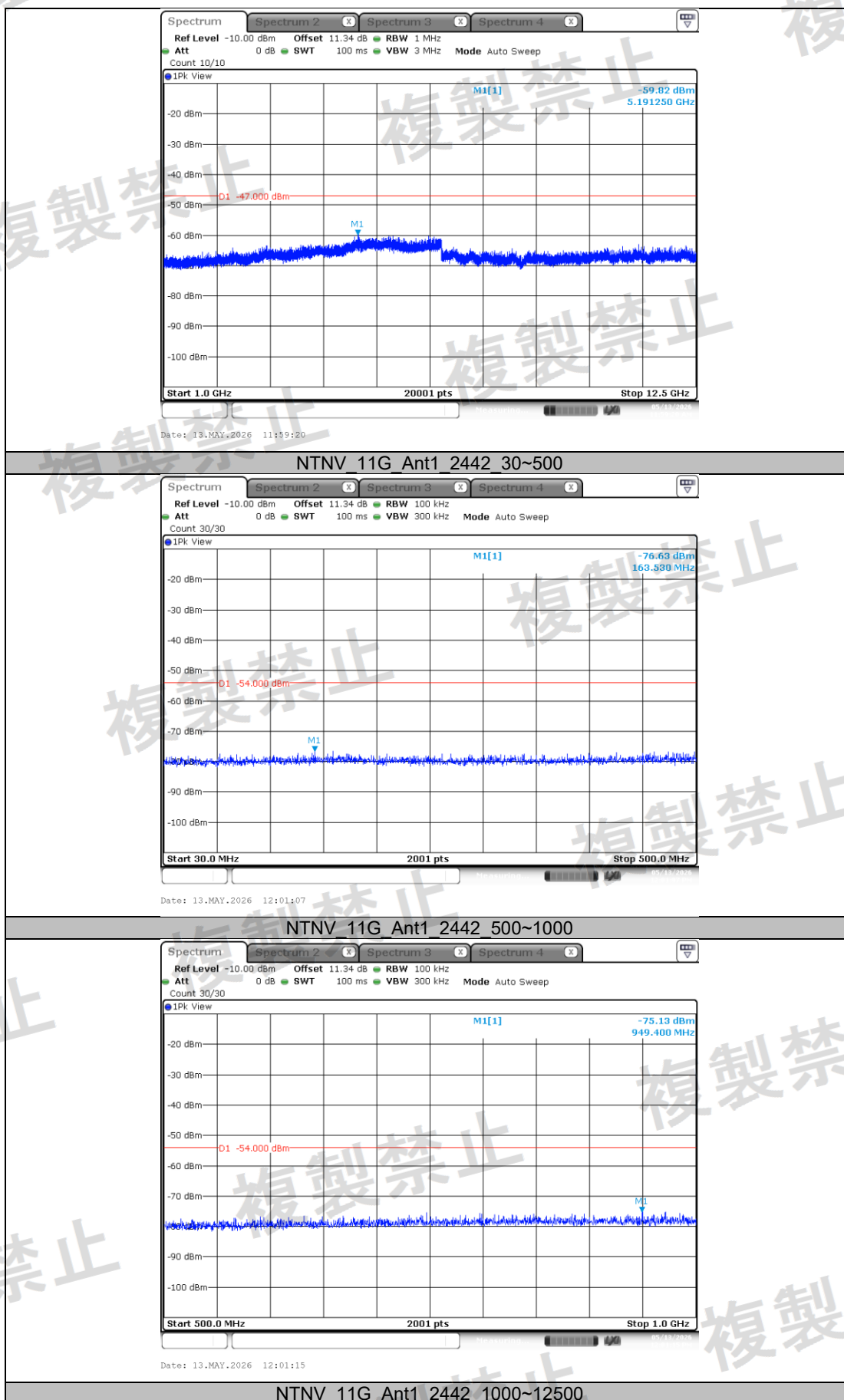
NTNV_11G Ant1 2412 30~500

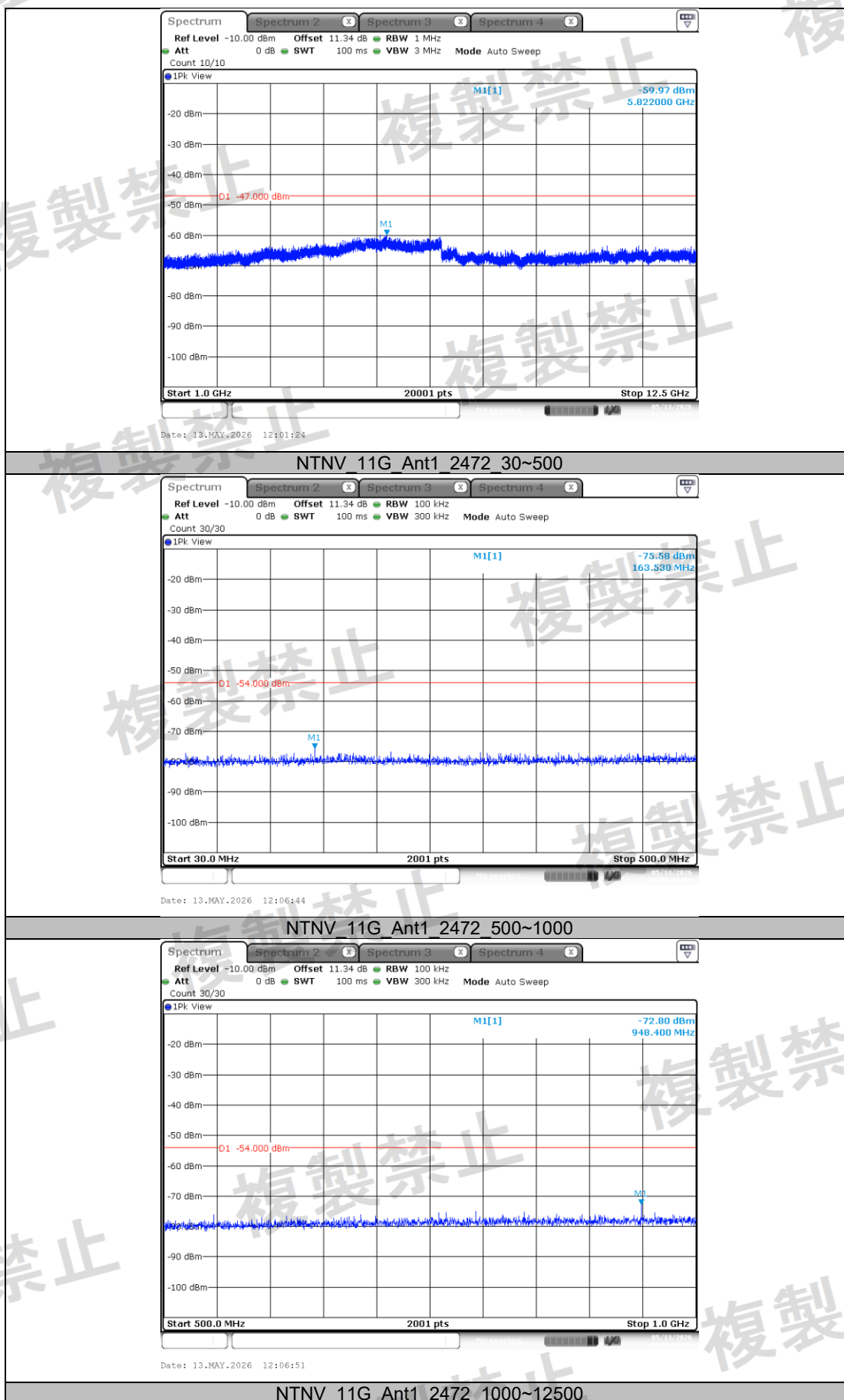


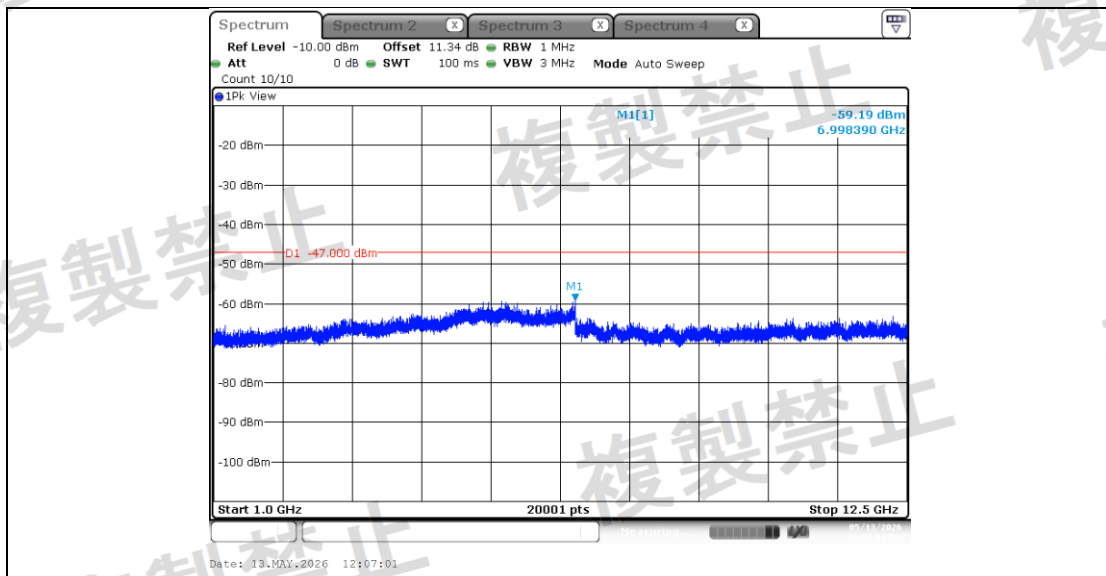
NTNV_11G Ant1 2412 500~1000



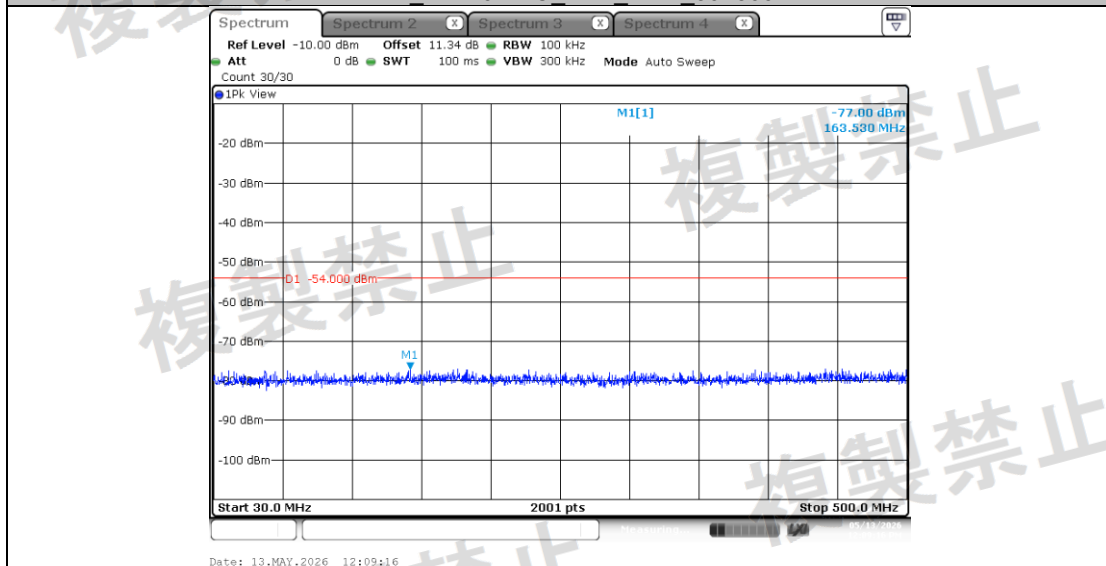
NTNV_11G Ant1 2412 1000~12500



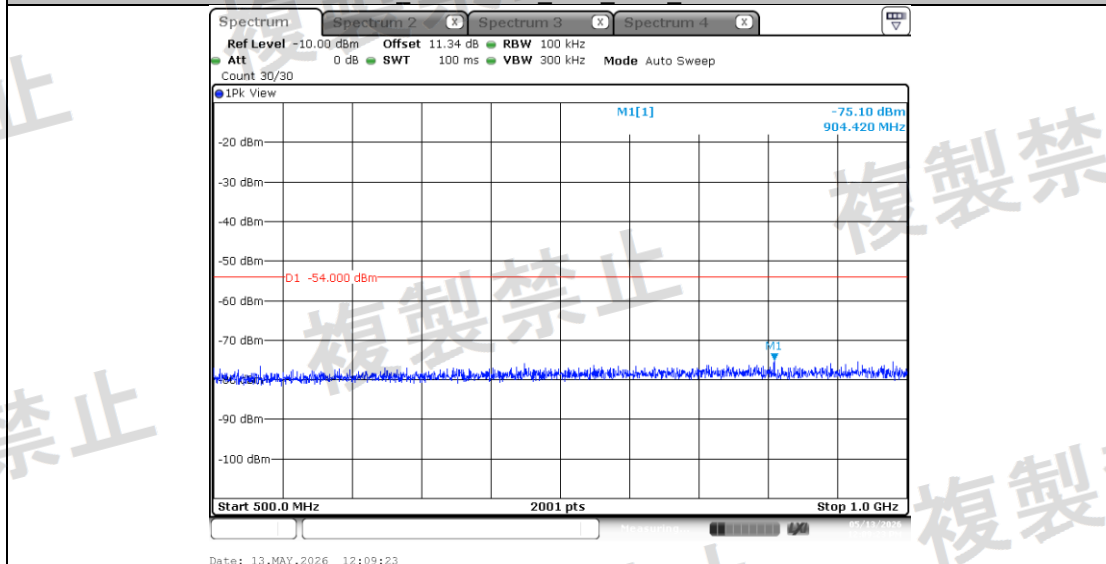




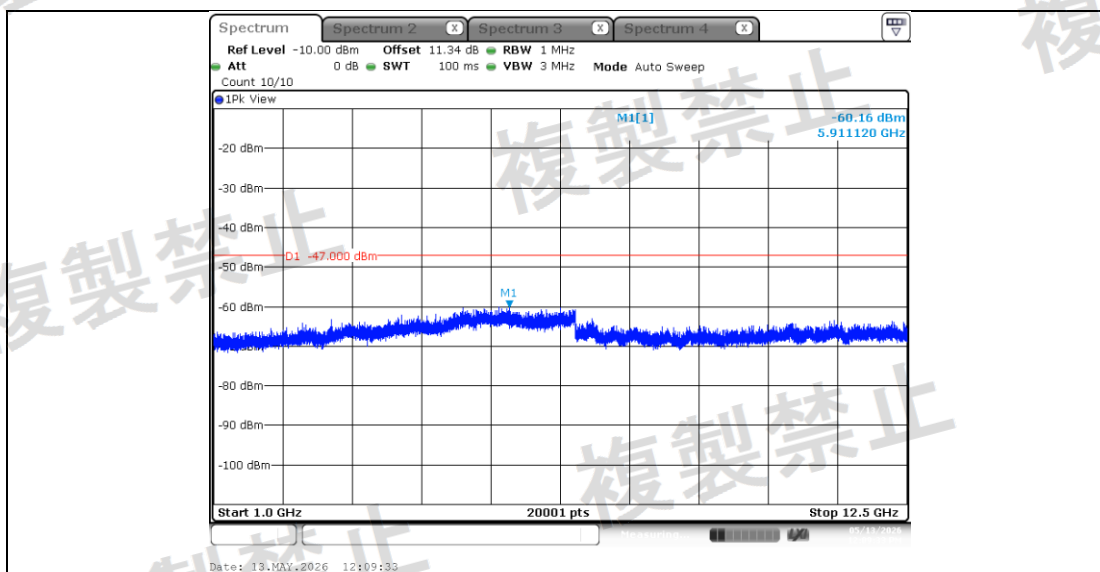
NTNV 11N20SISO Ant1 2412 30~500



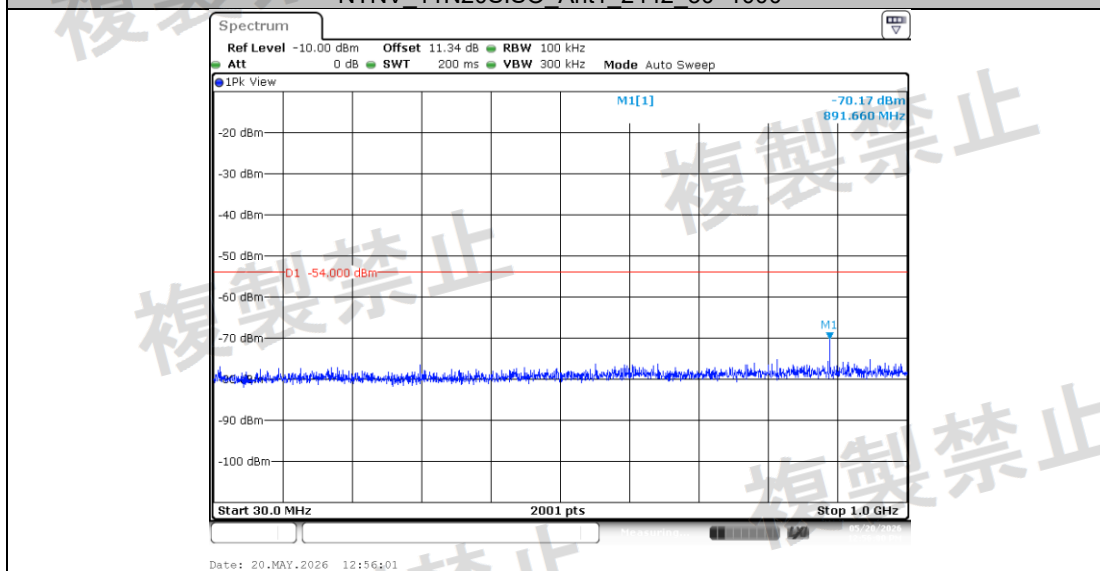
NTNV 11N20SISO Ant1 2412 500~1000



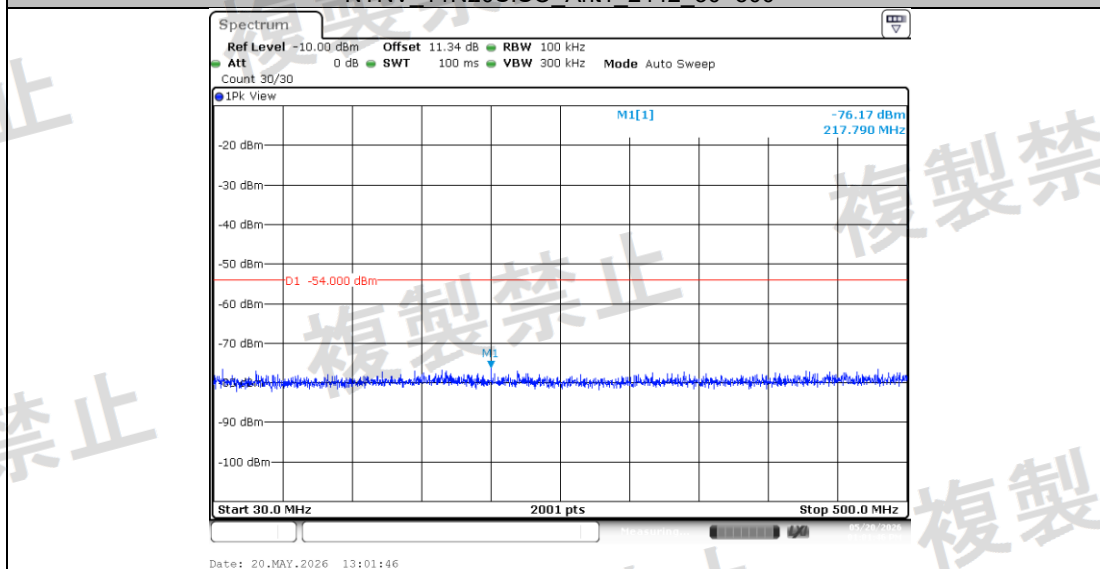
NTNV 11N20SISO Ant1 2412 1000~12500



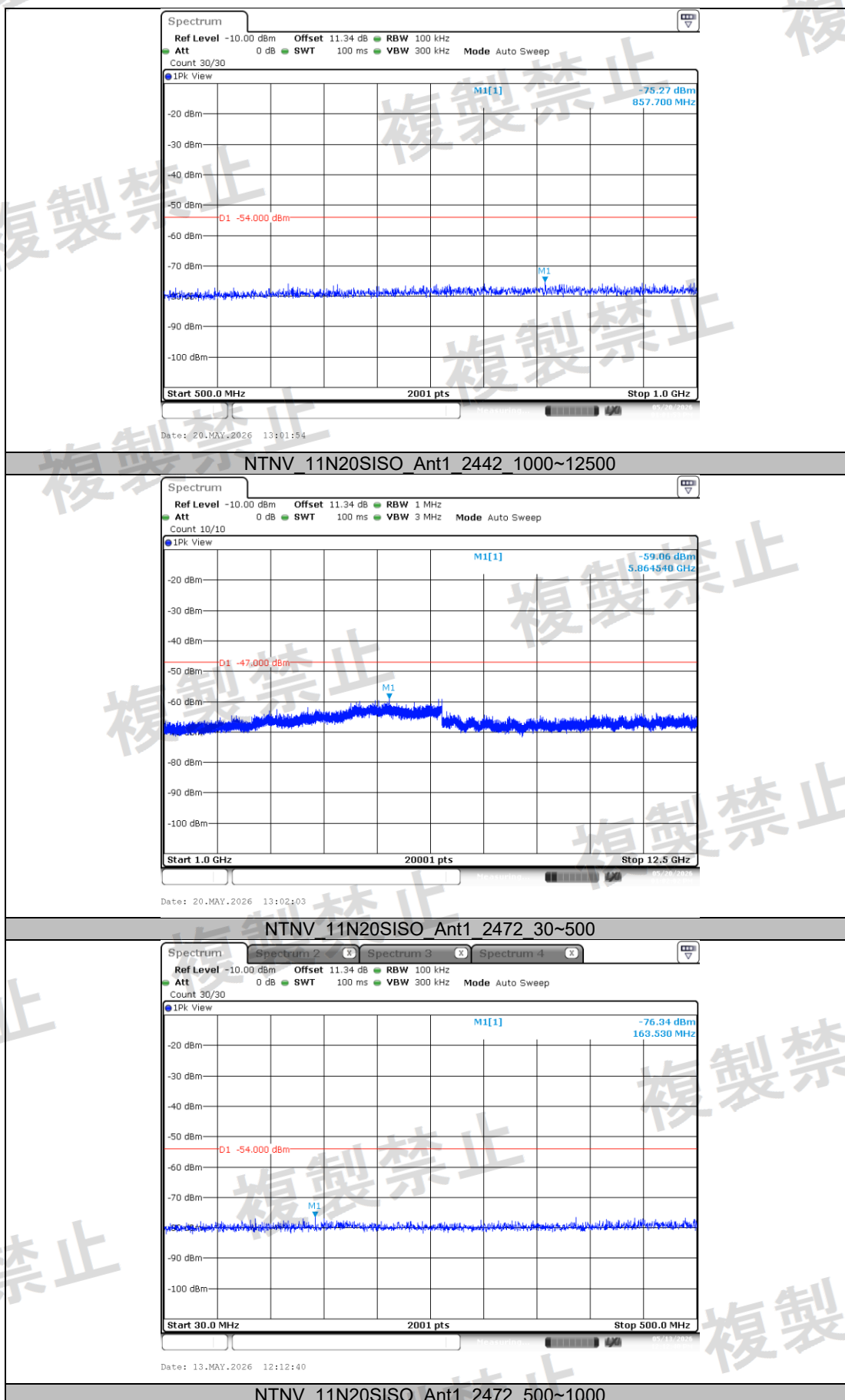
NTNV_11N20SISO_Ant1_2442_30~1000

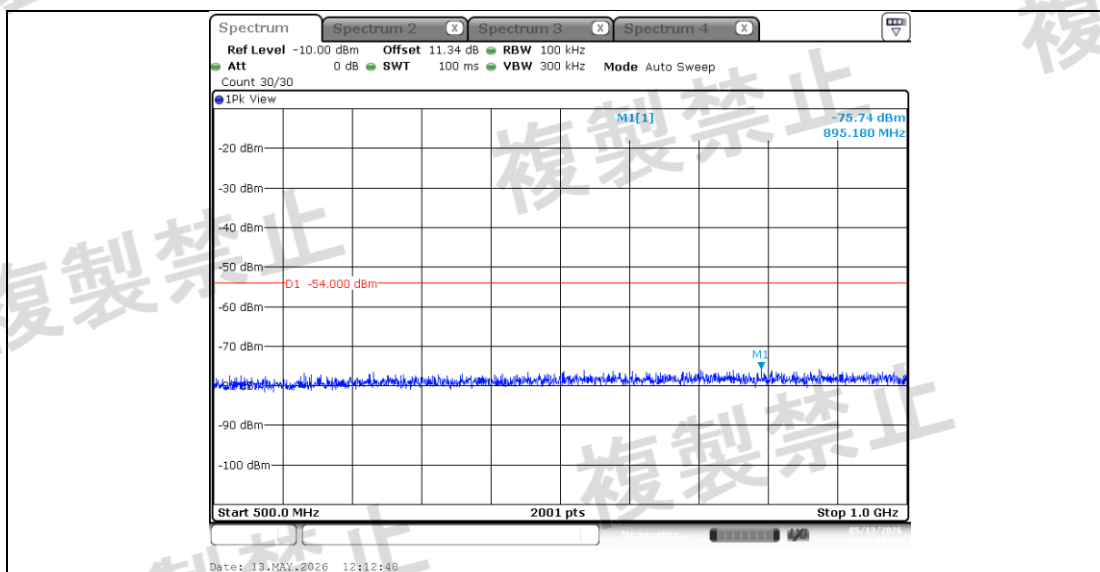


NTNV_11N20SISO_Ant1_2442_30~500

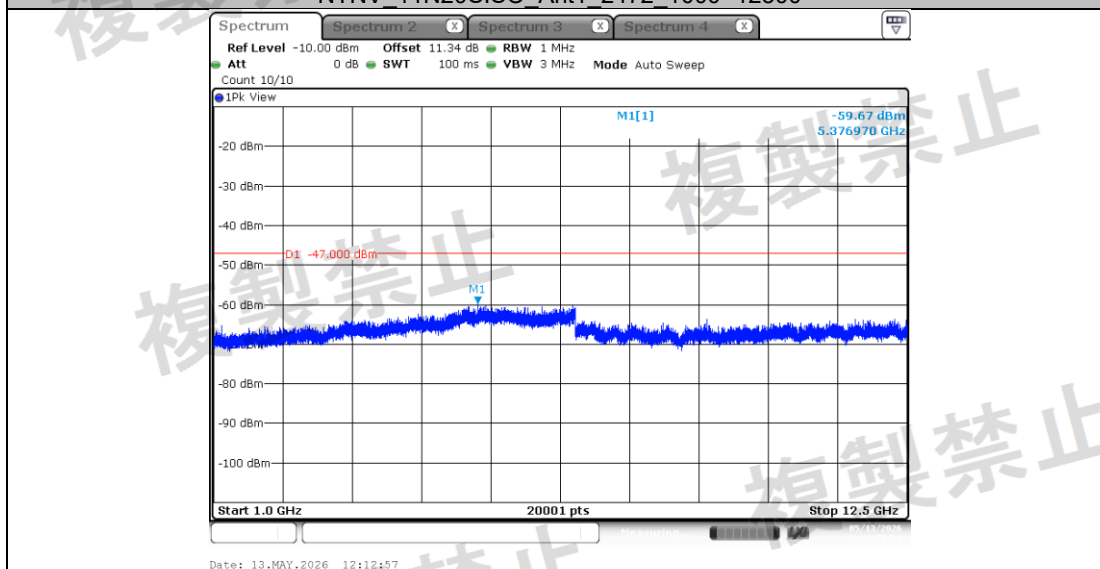


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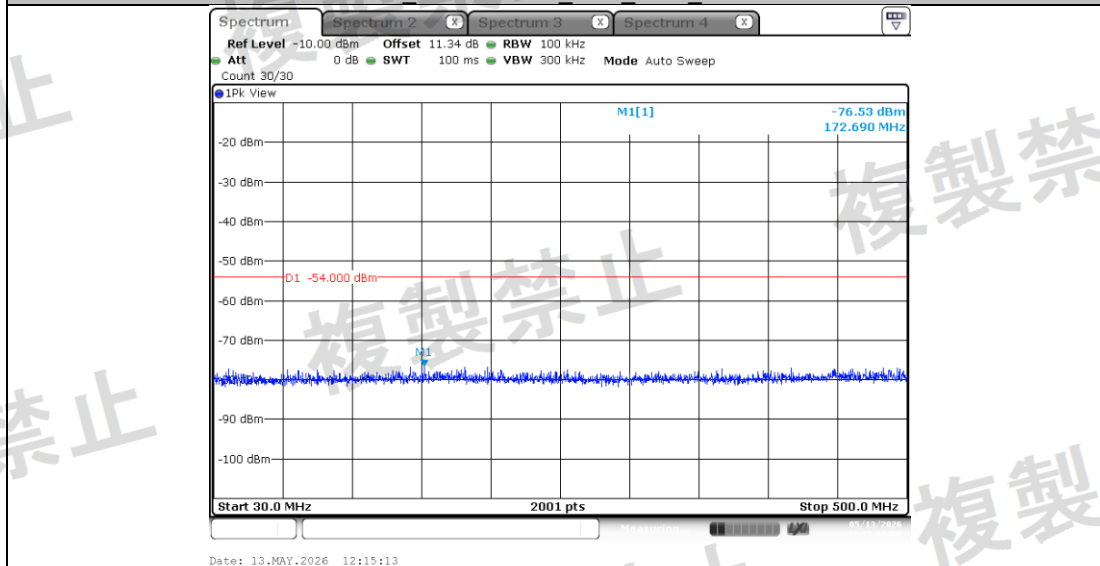




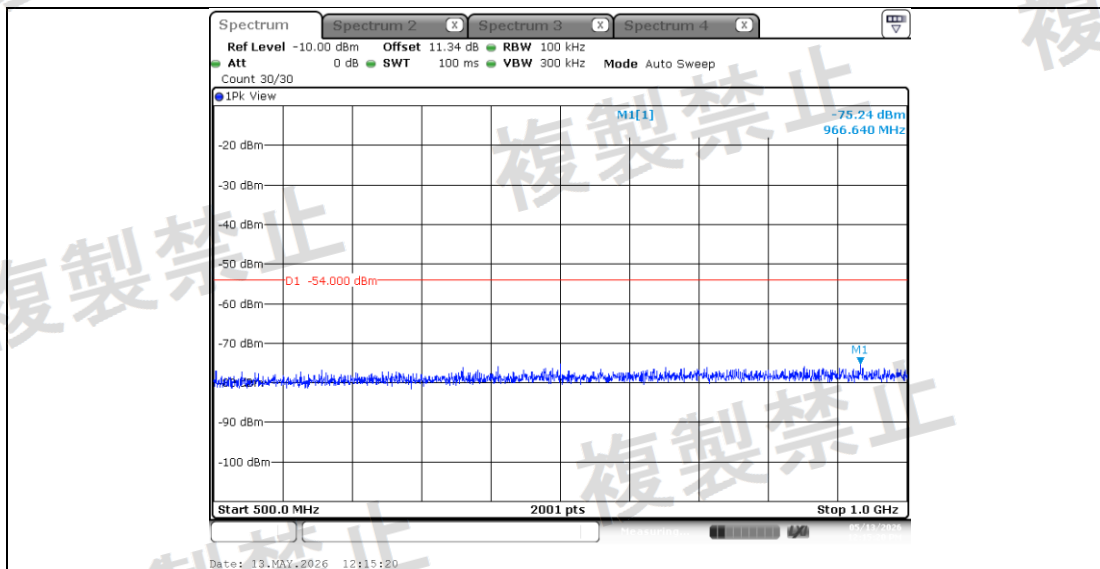
NTNV 11N20SISO Ant1 2472 1000~12500



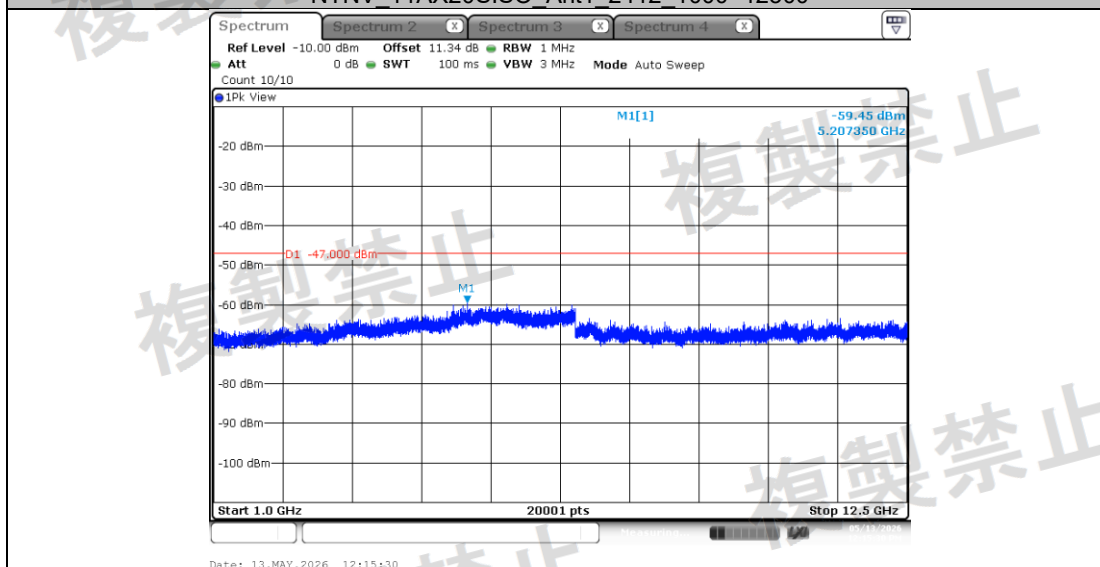
NTNV 11AX20SISO Ant1 2412 30~500



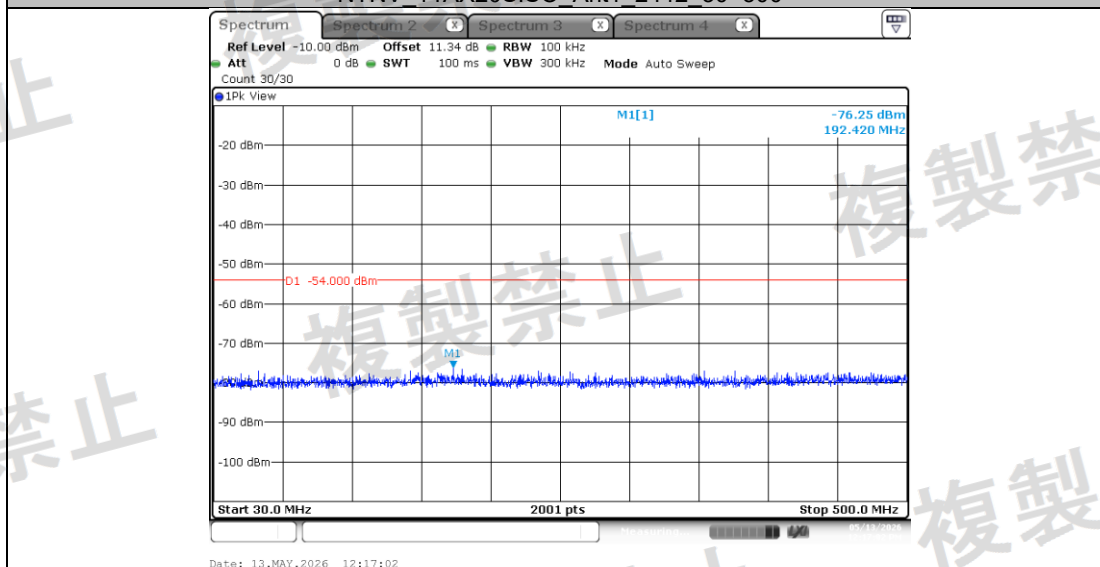
NTNV 11AX20SISO Ant1 2412 500~1000



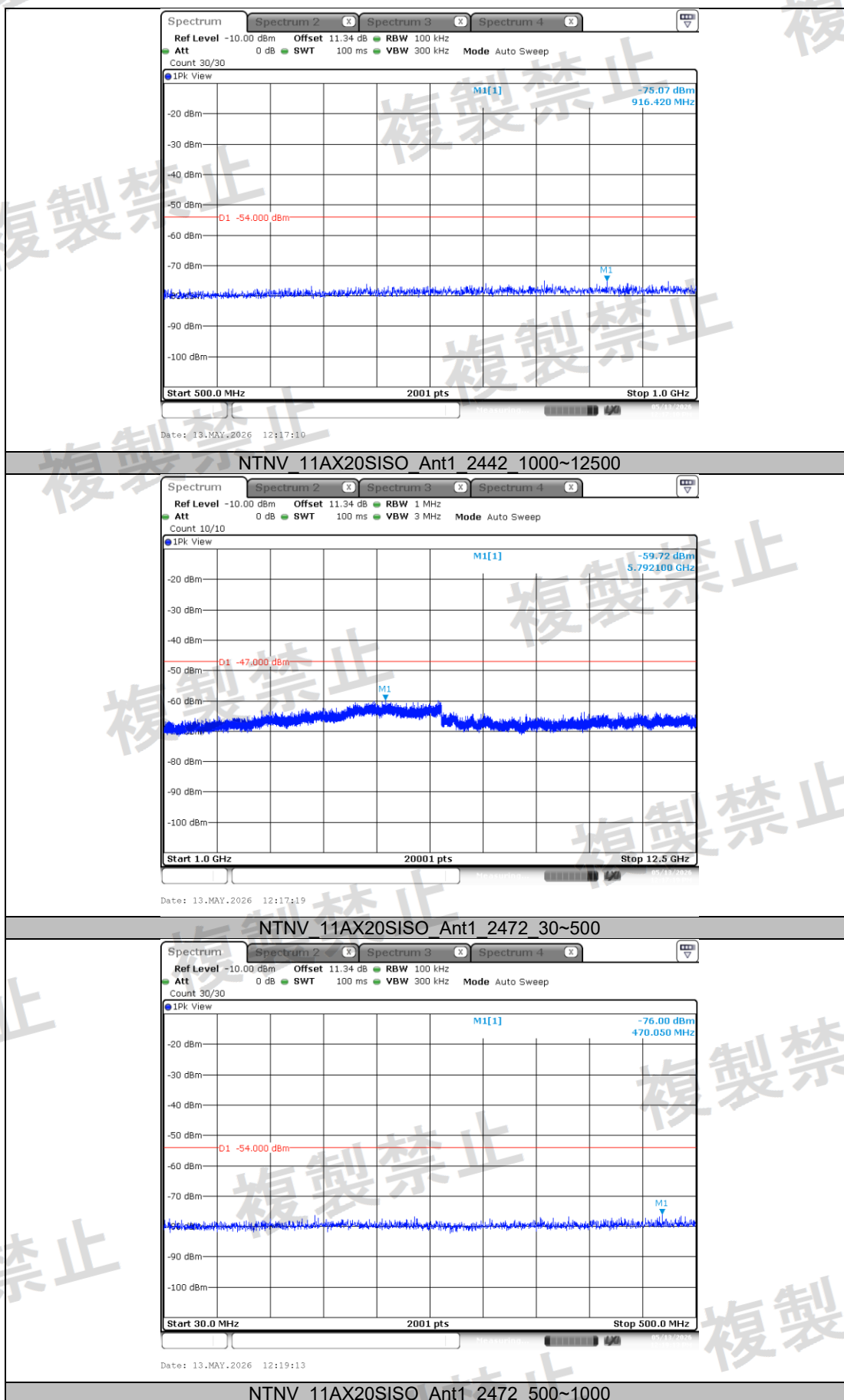
NTNV 11AX20SISO Ant1 2412 1000~12500

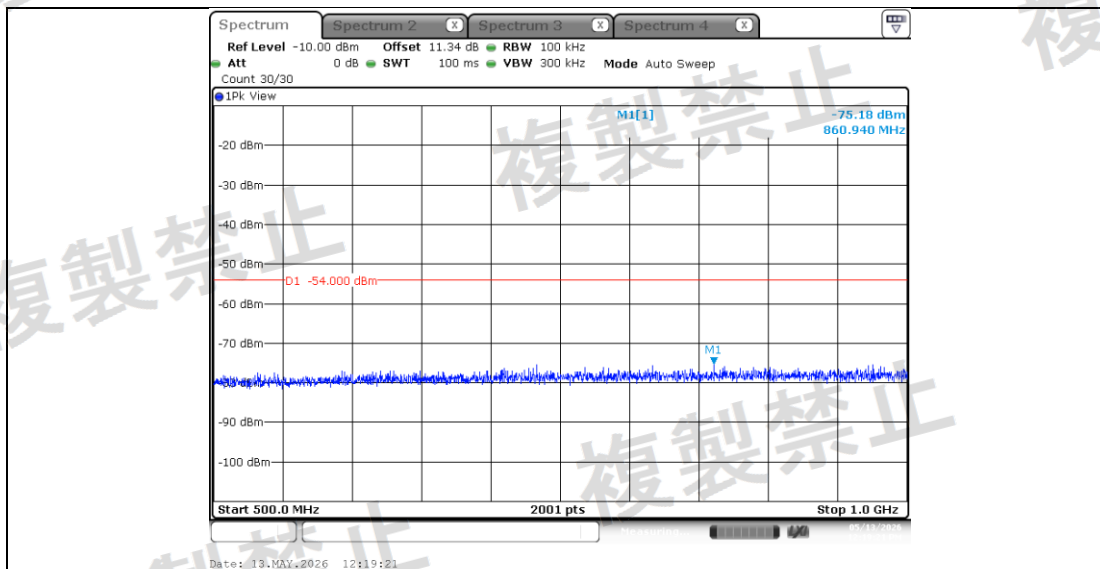


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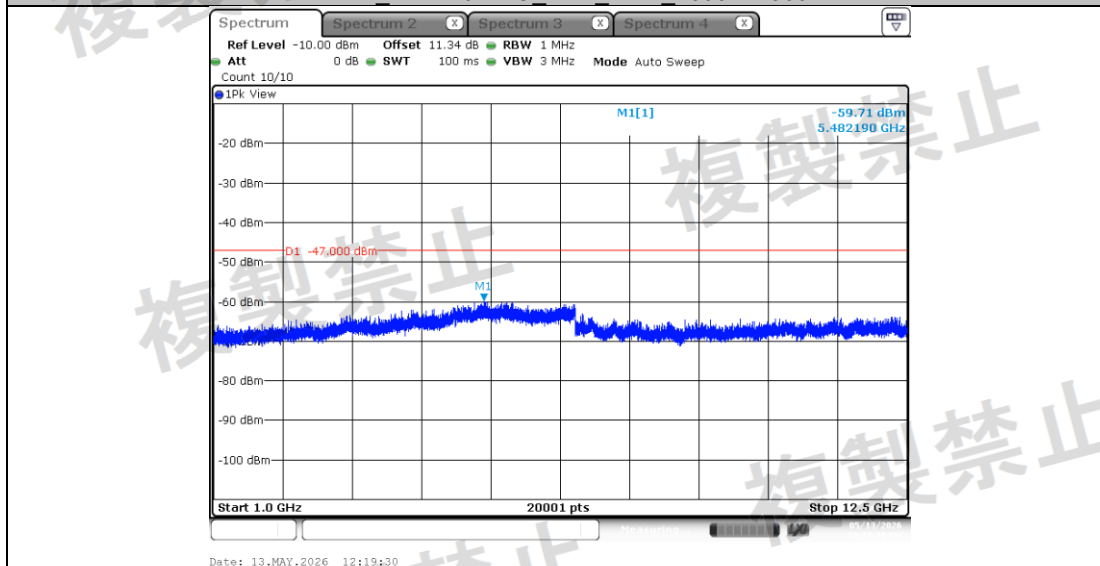


NTNV 11AX20SISO Ant1 2442 500~1000

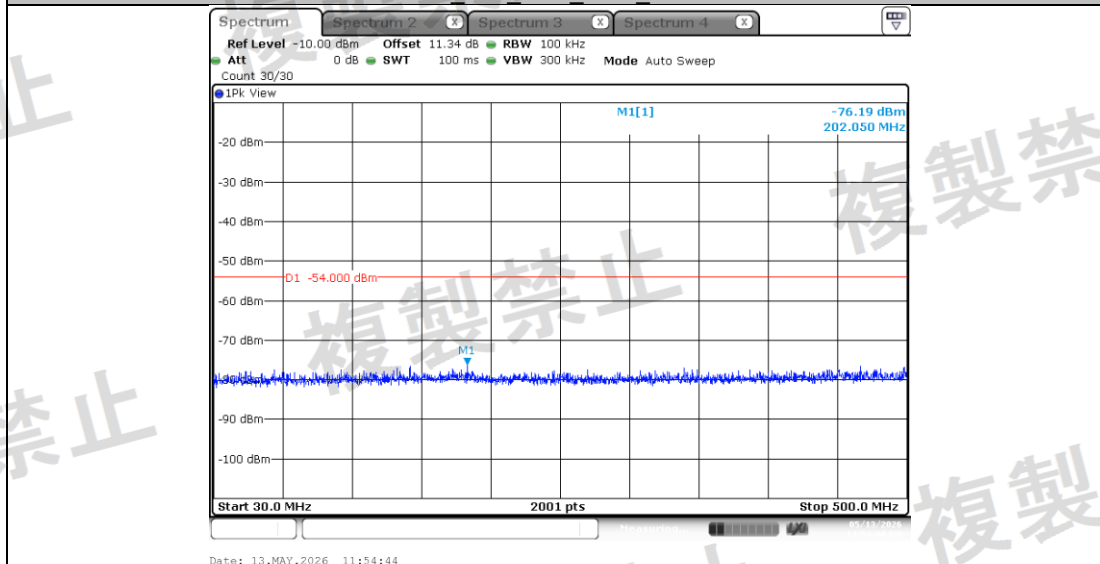




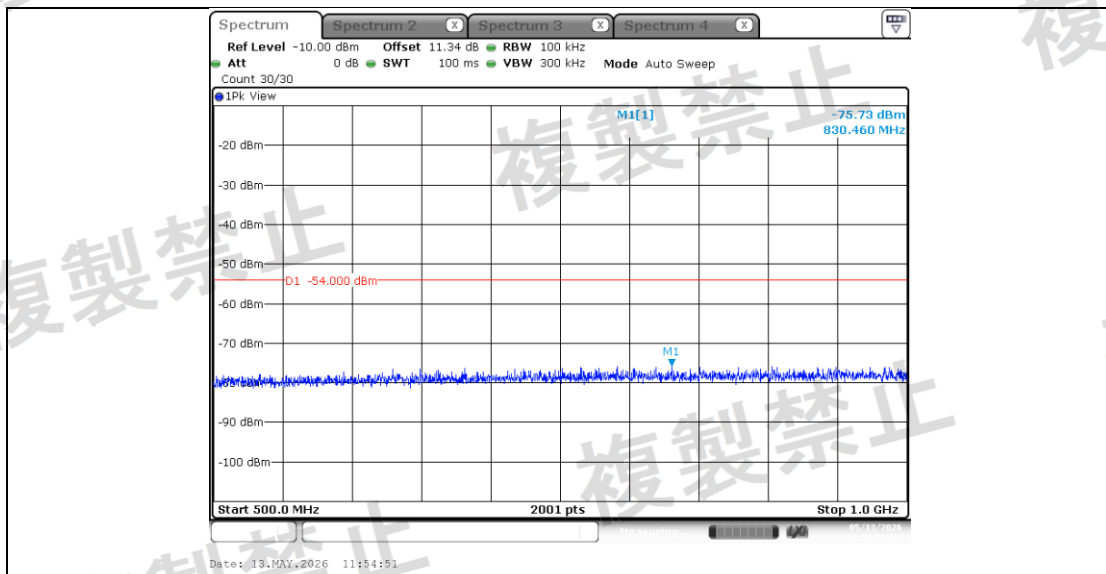
NTNV 11AX20SISO Ant1 2472 1000~12500



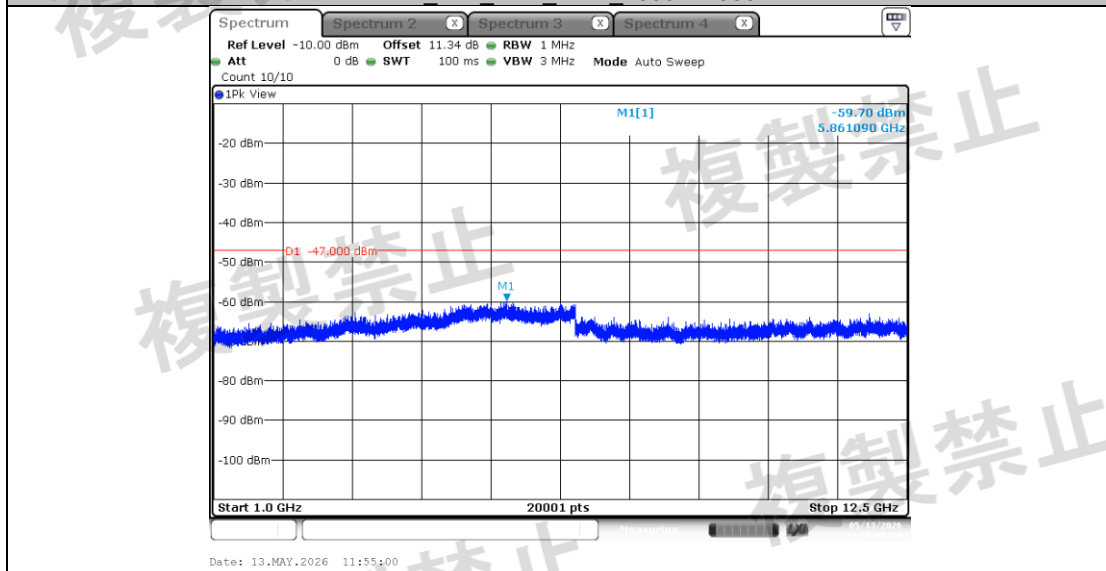
NTLV 11B Ant1 2412 30~500



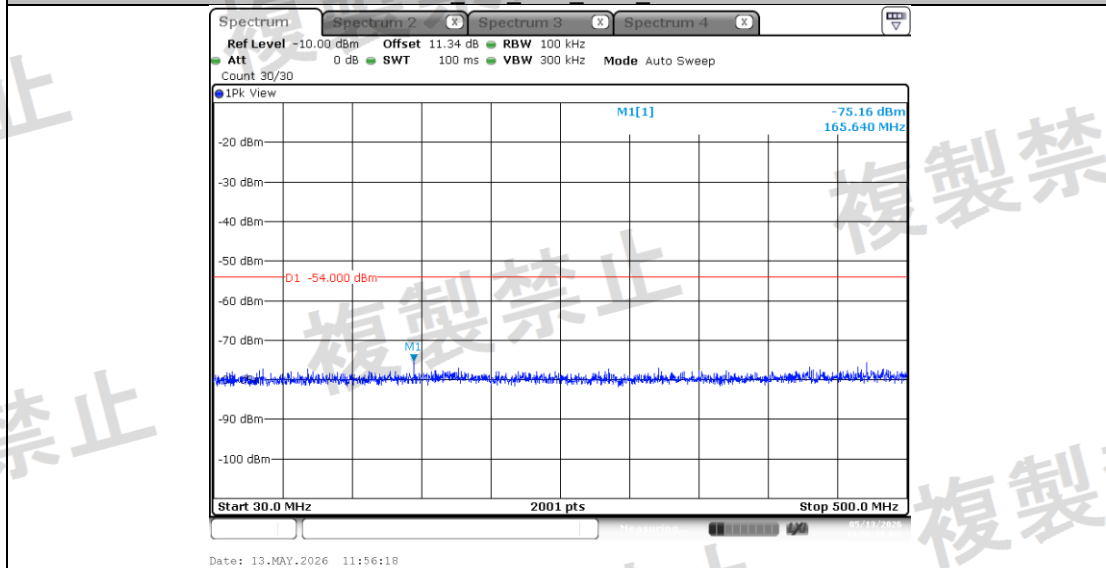
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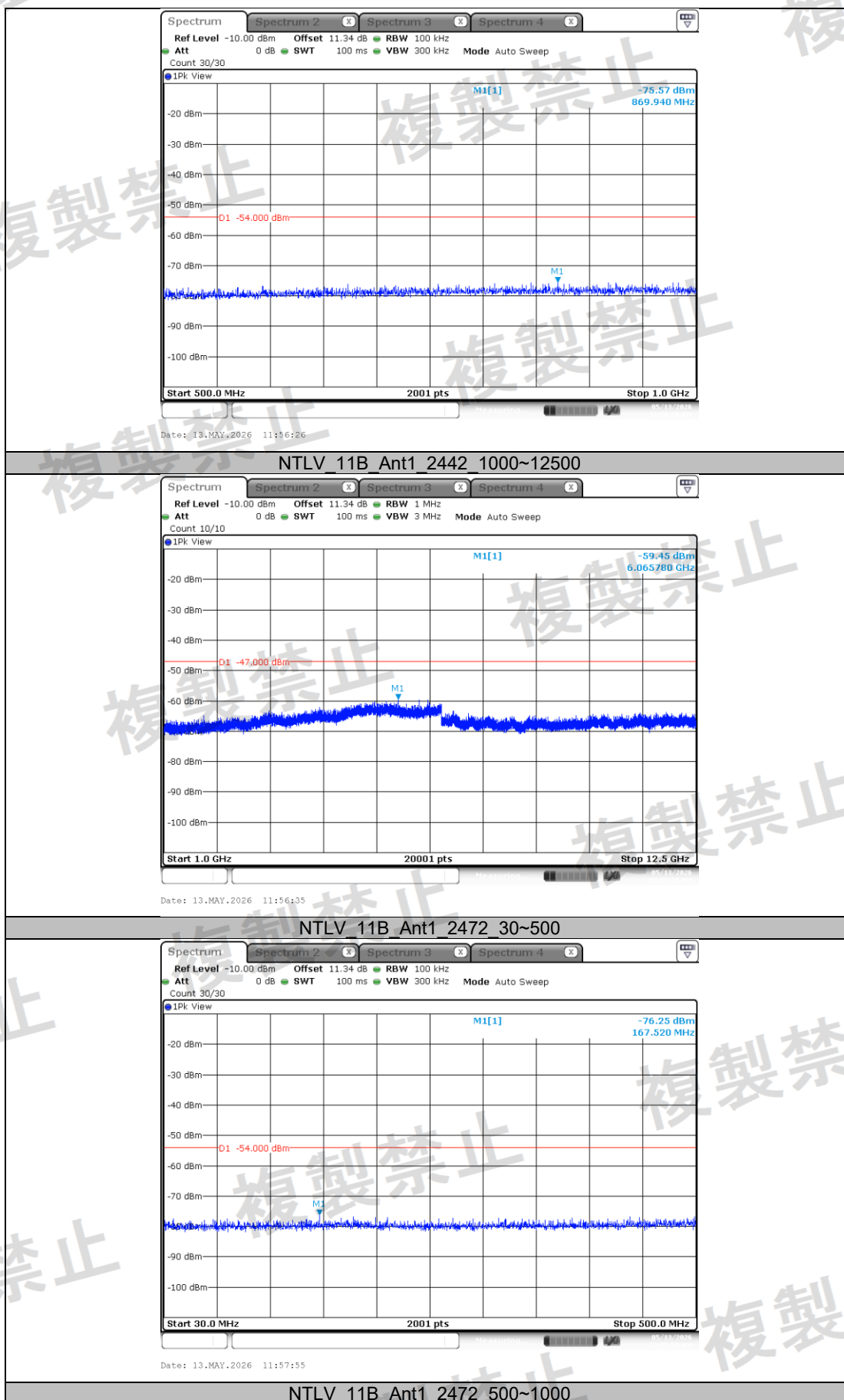
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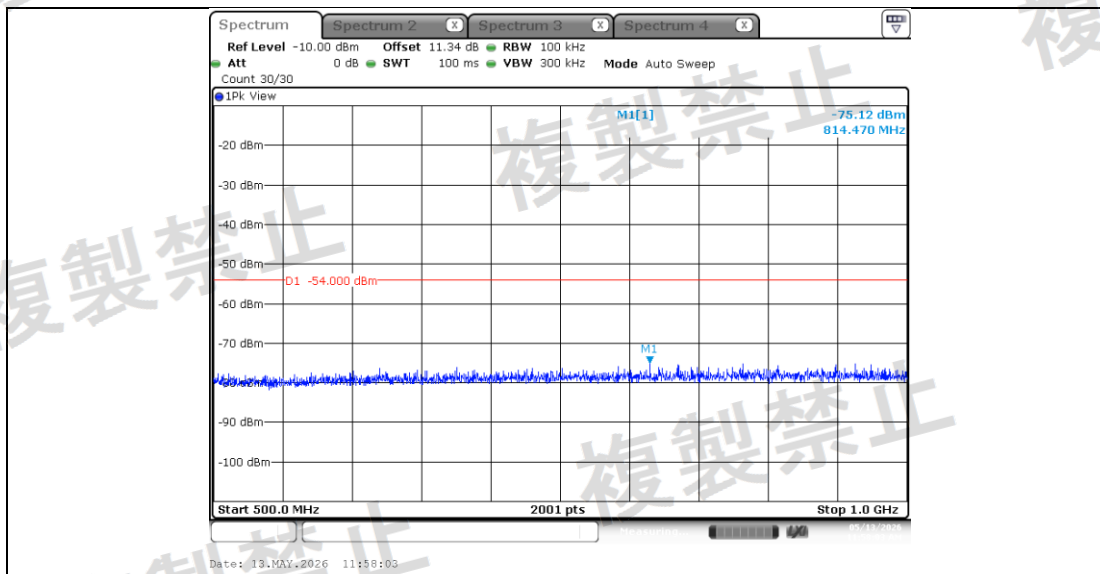


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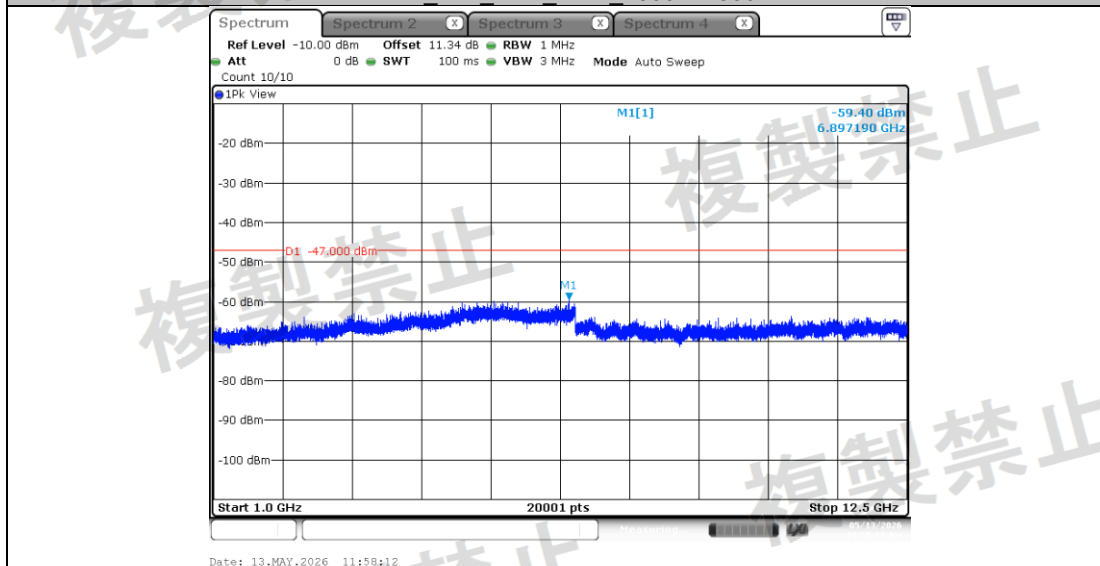


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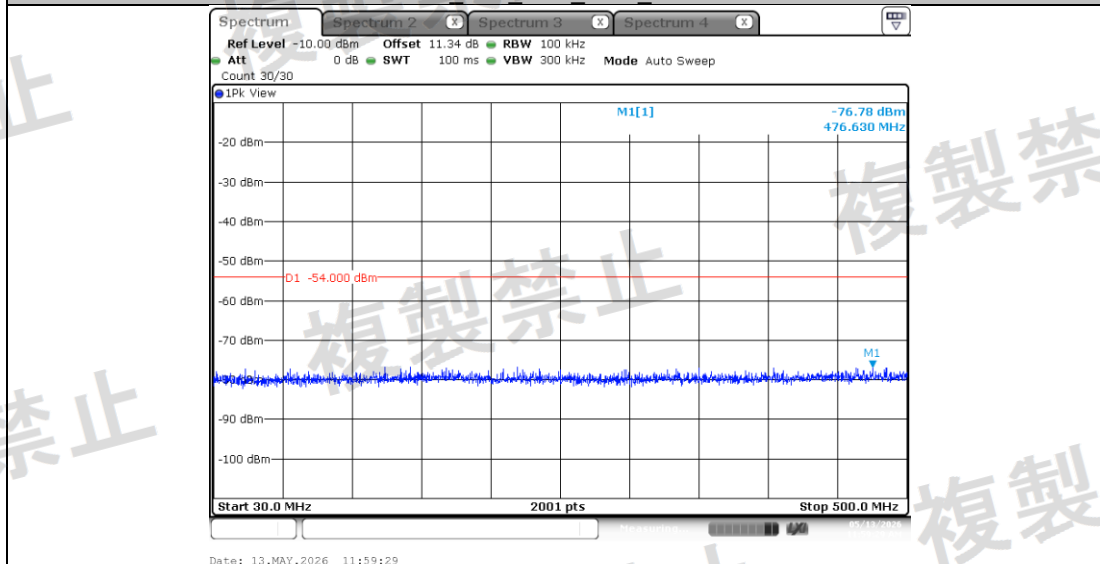




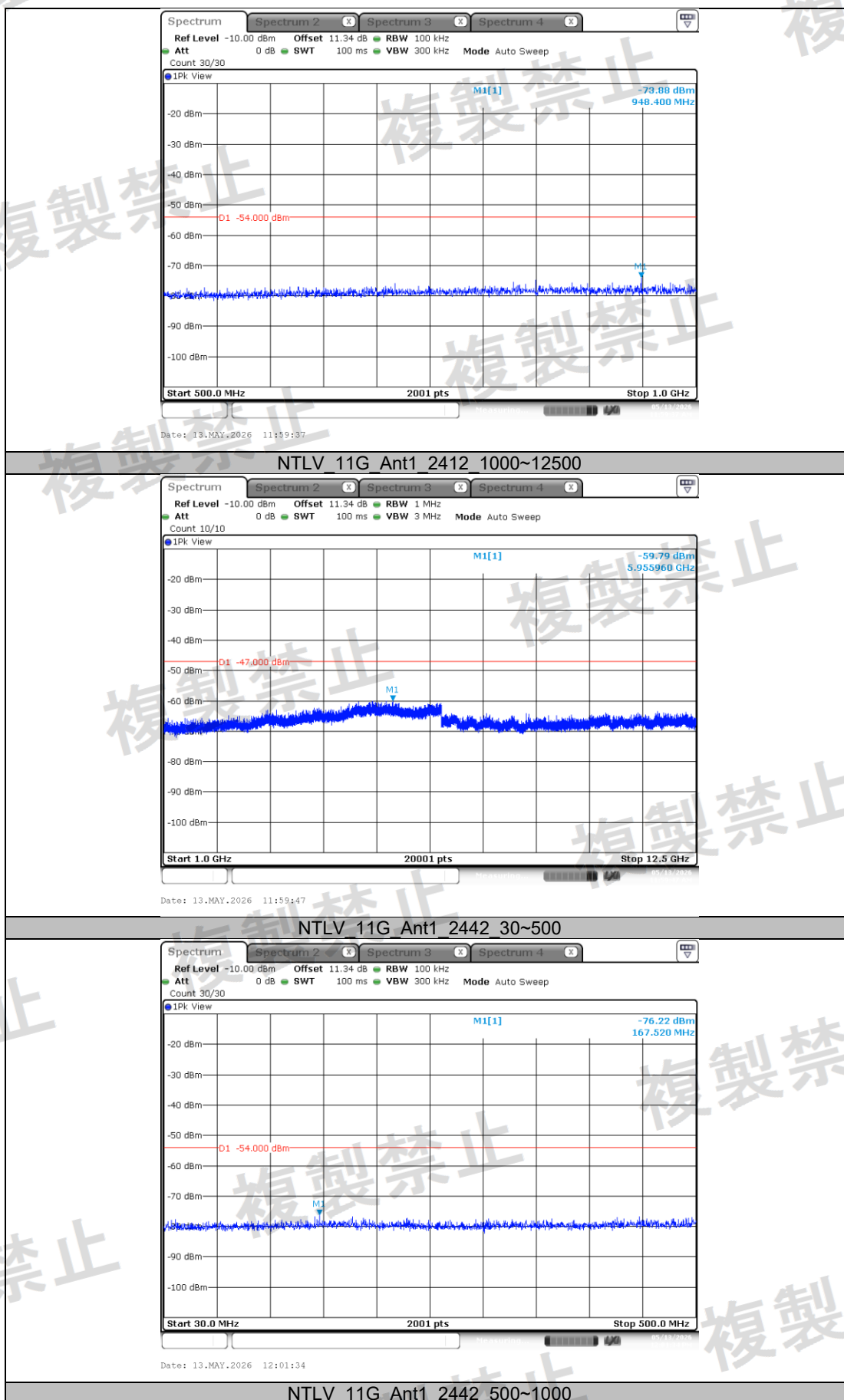
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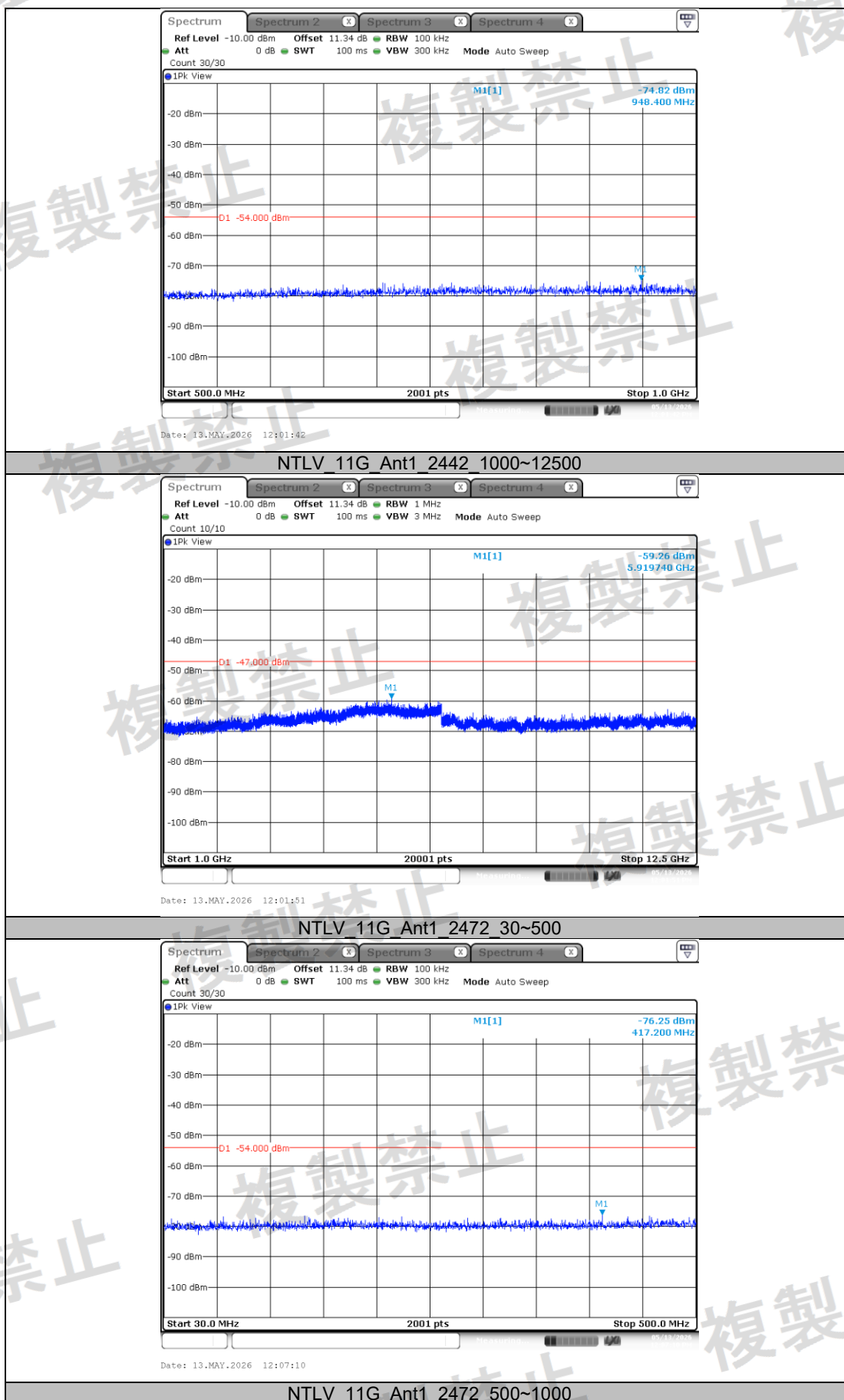


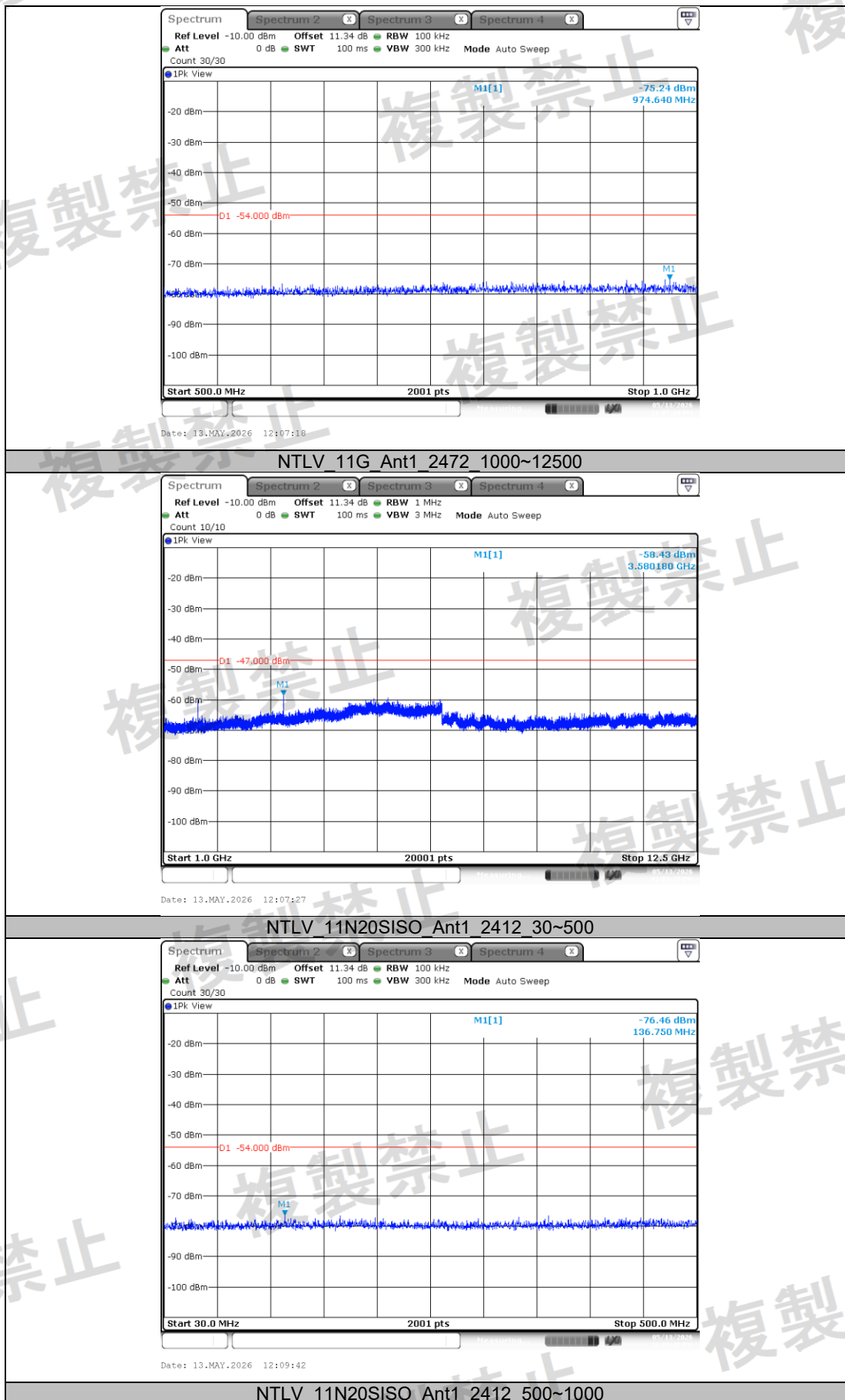
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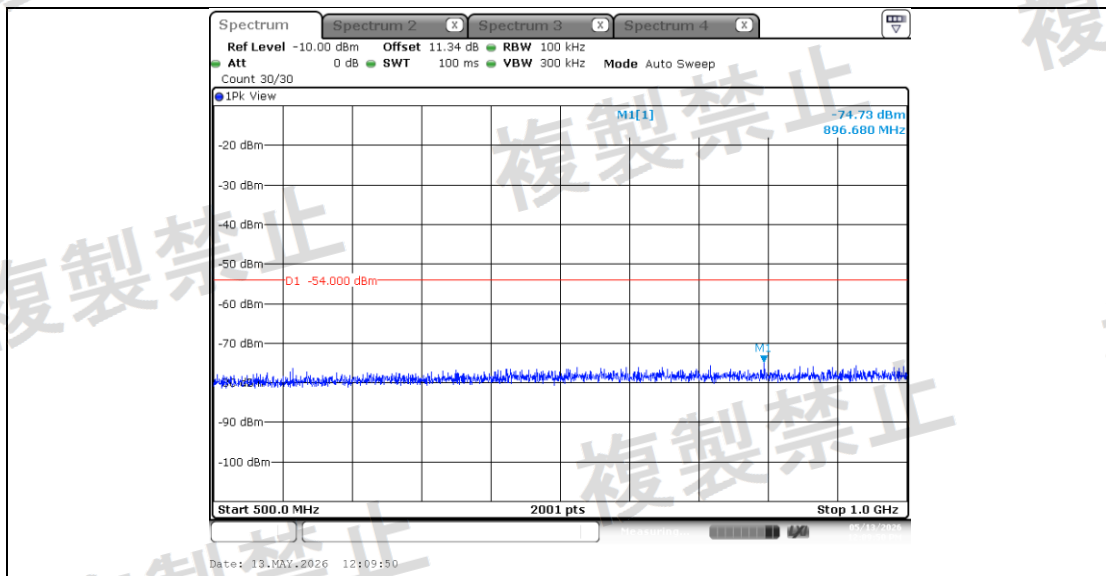


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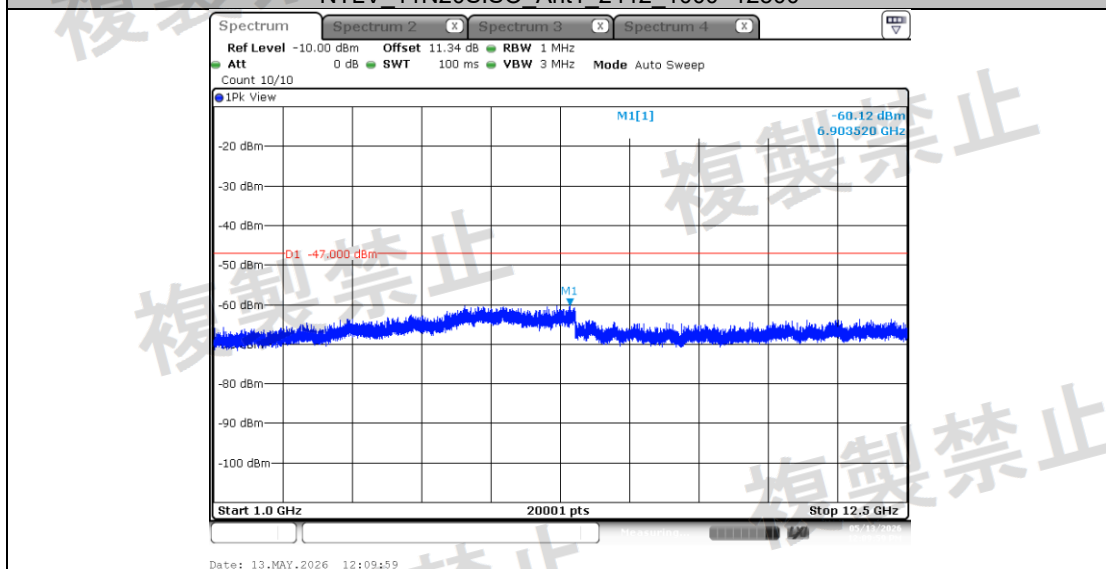




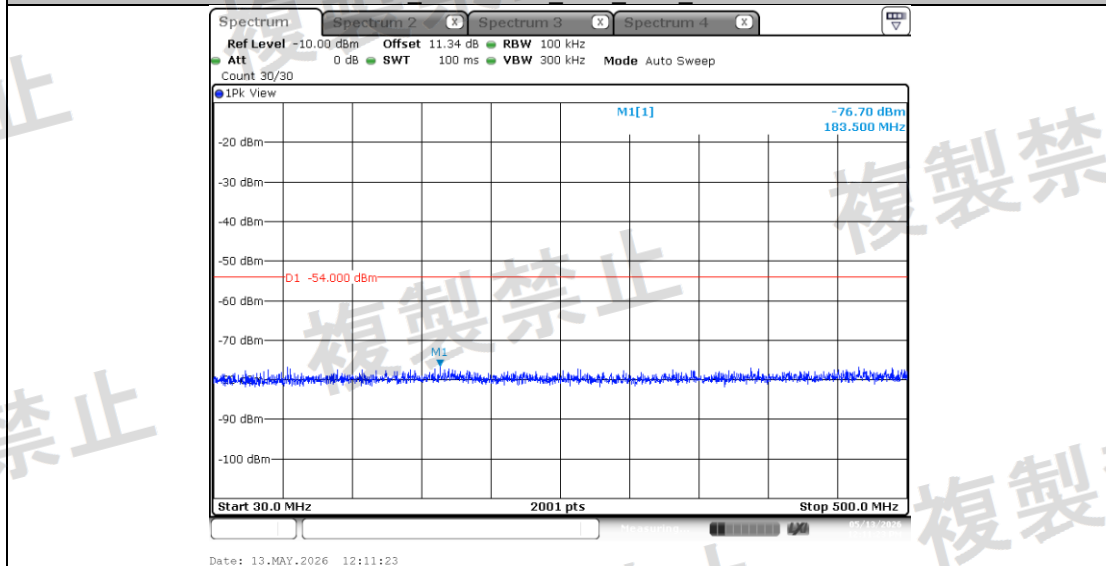




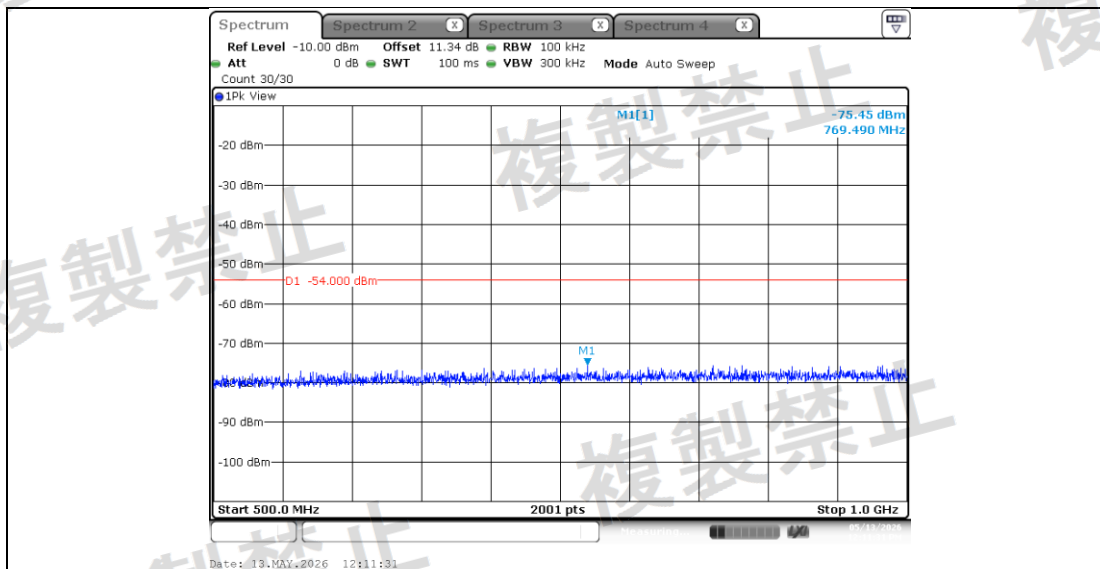
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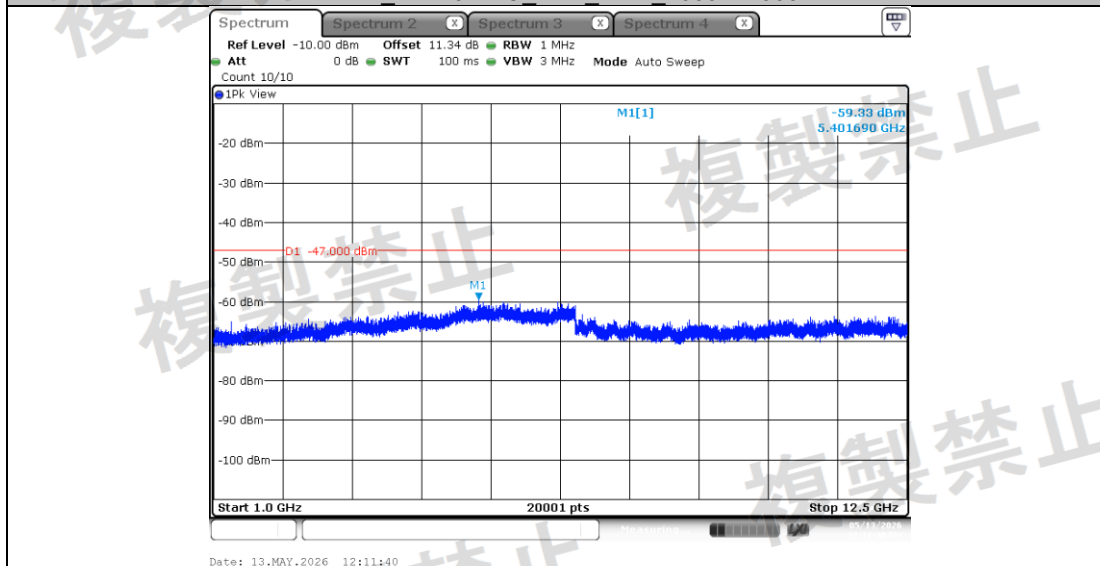
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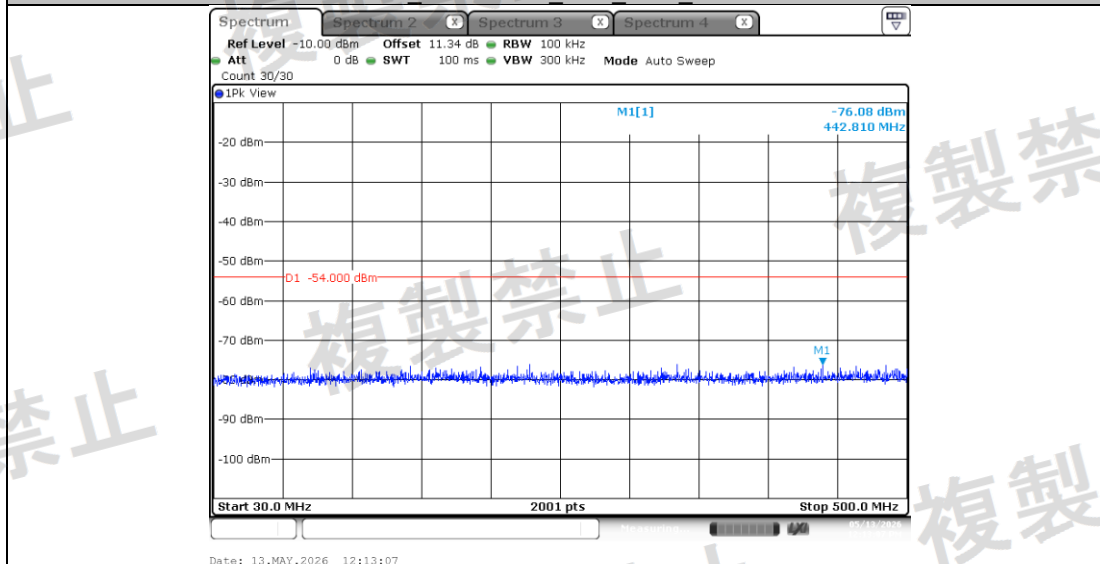
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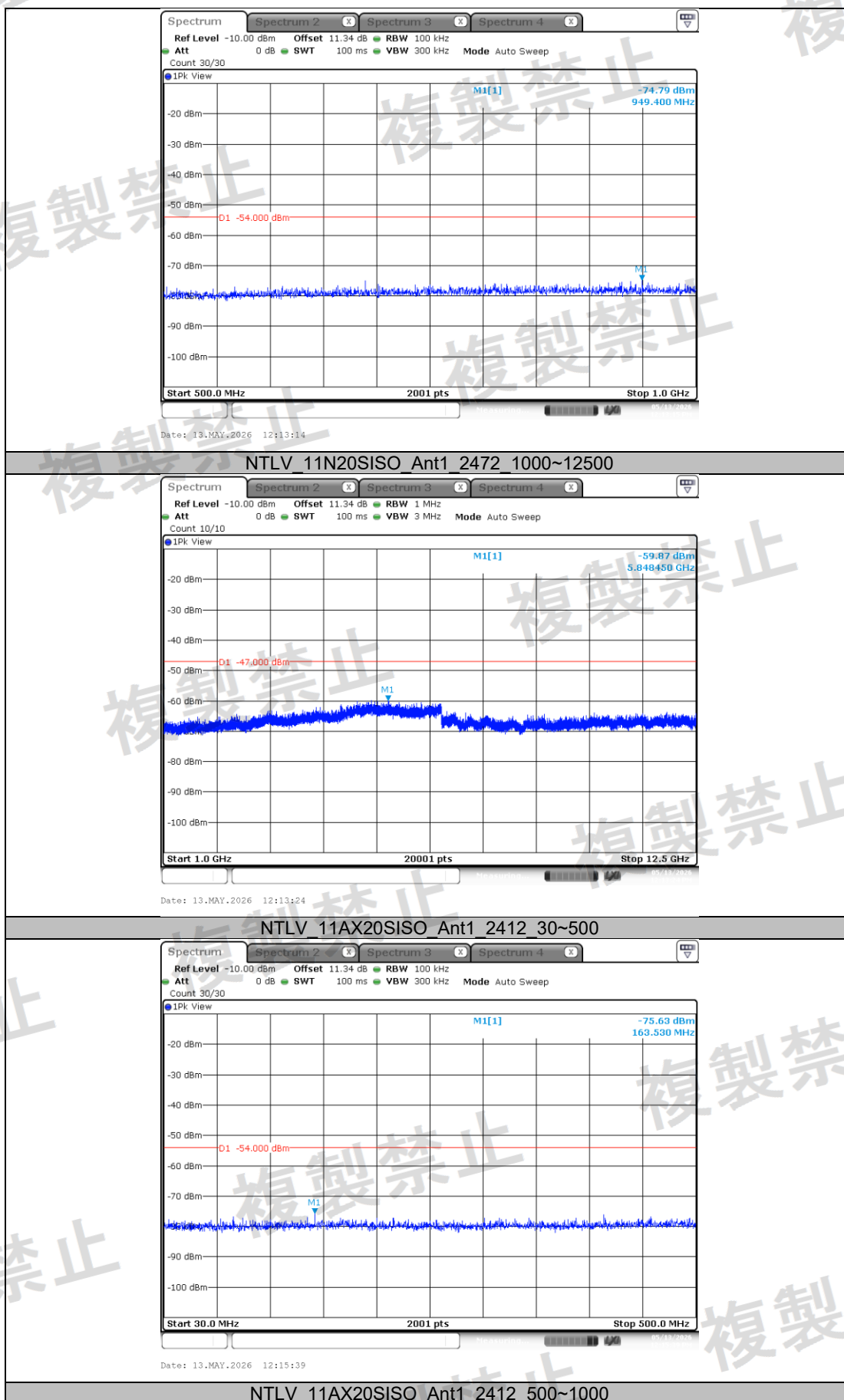
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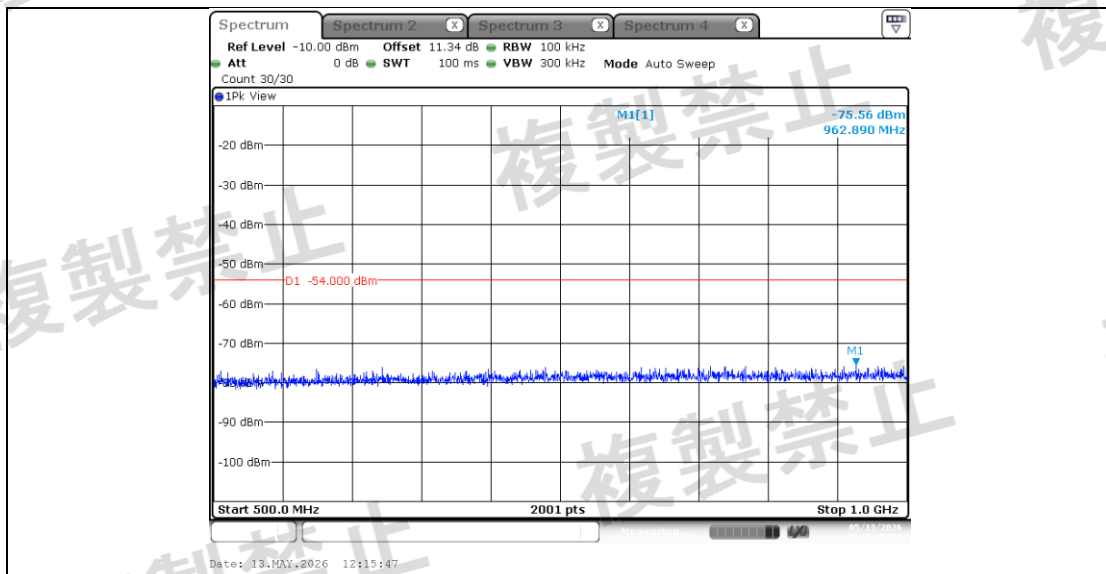


NTLV 11N20SISO Ant1 2472 30~500

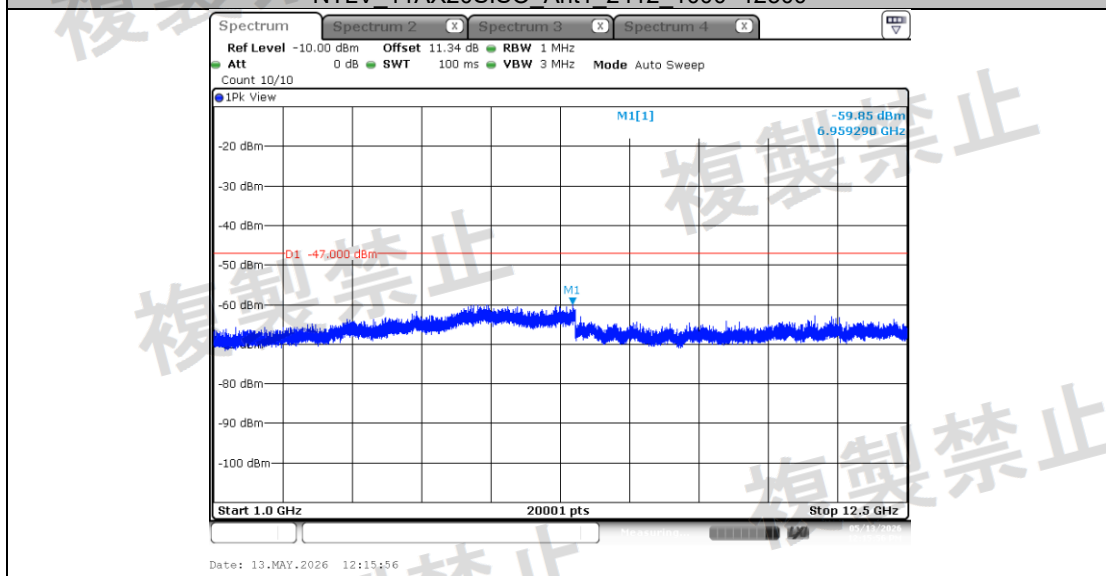


NTLV 11N20SISO Ant1 2472 500~1000

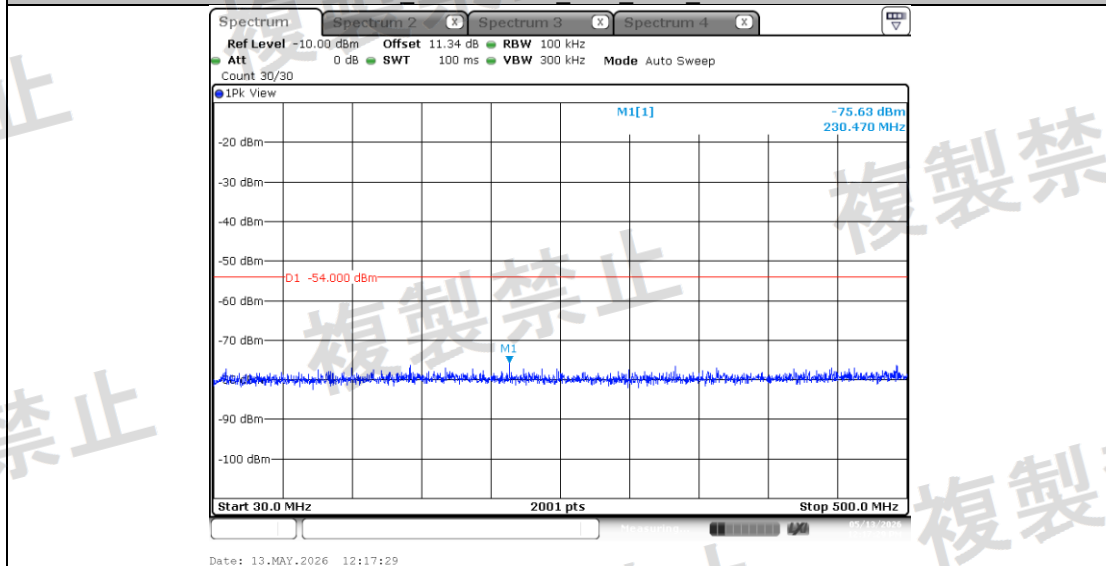




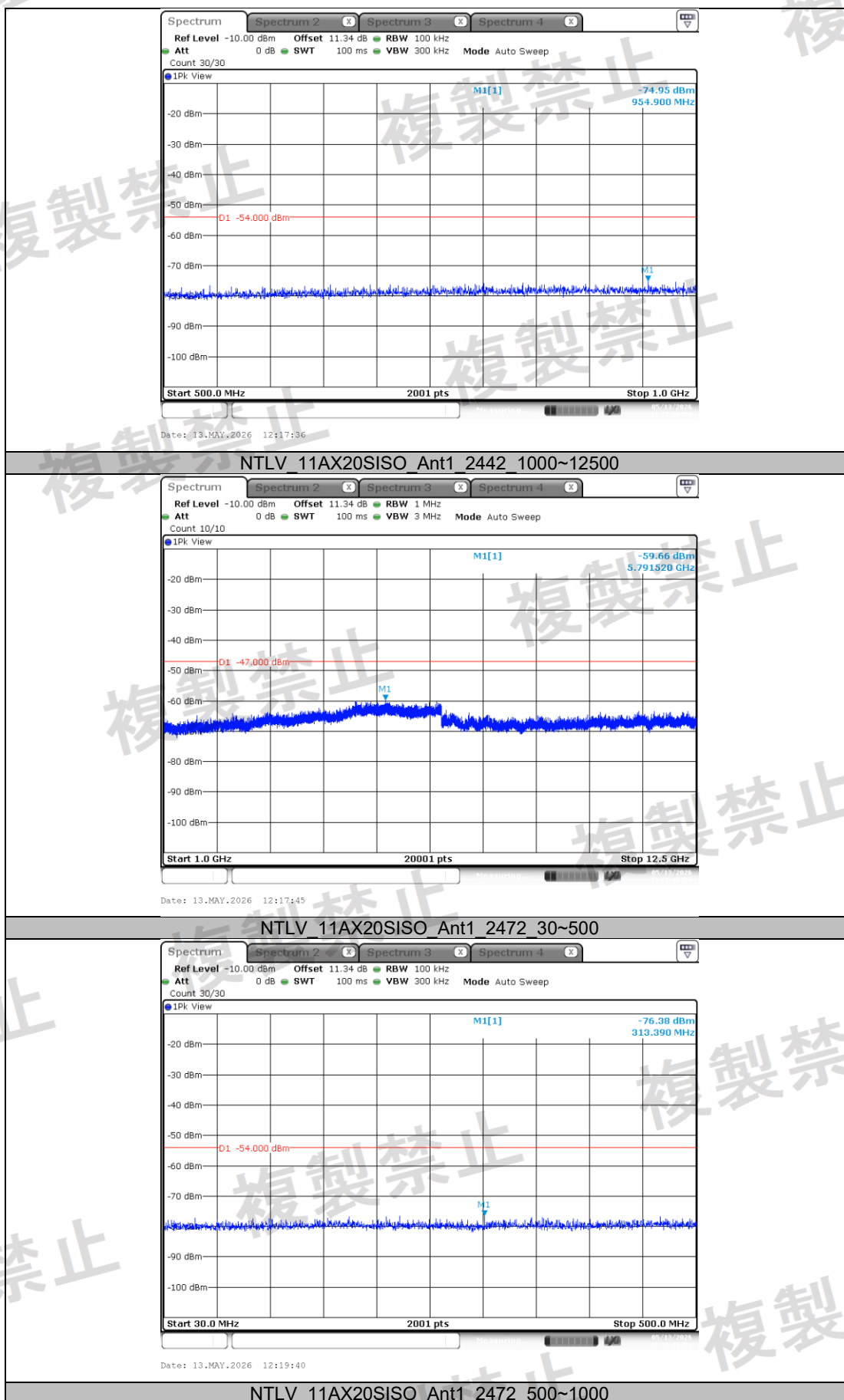
NTLV 11AX20SISO Ant1 2412 1000~12500

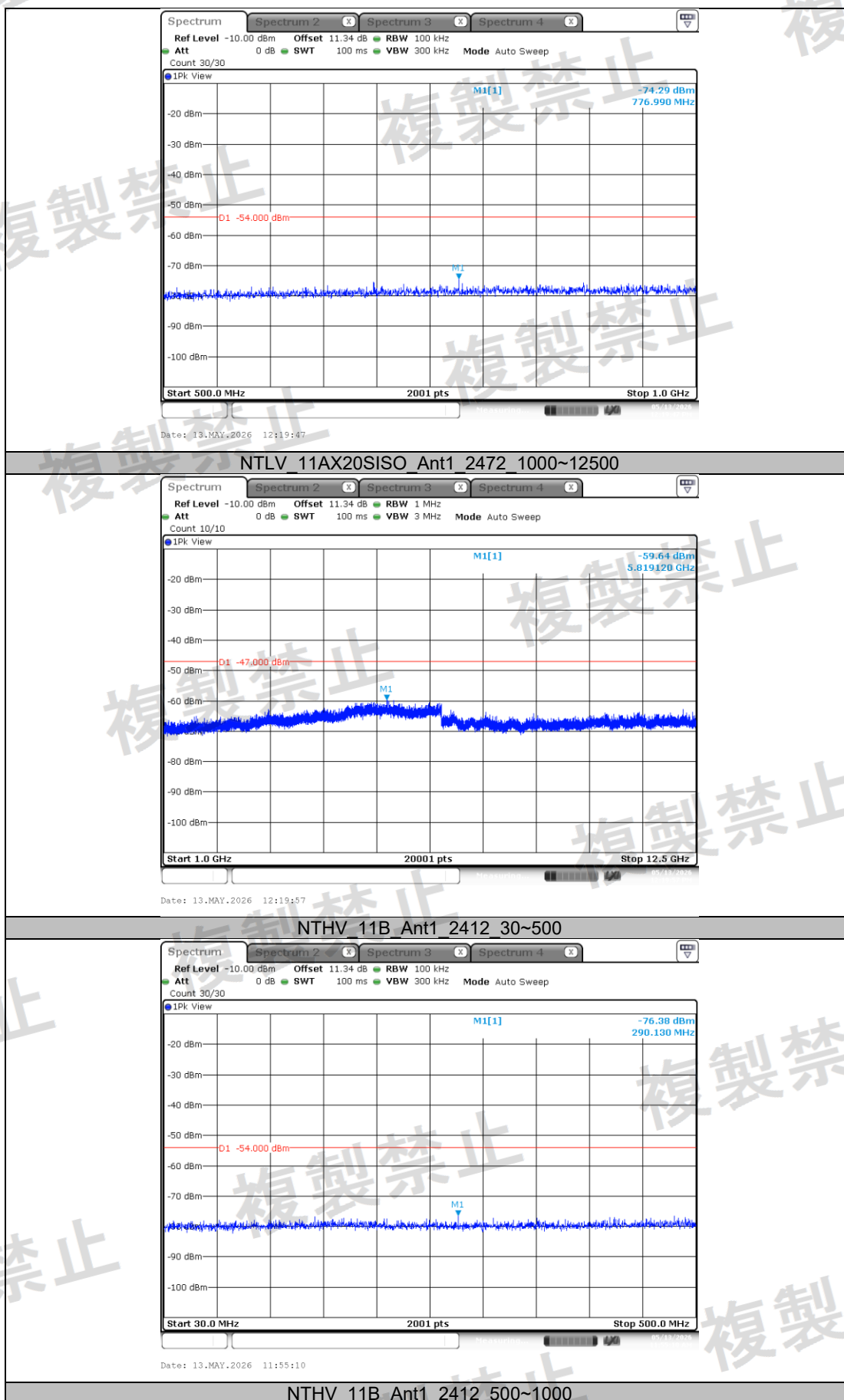


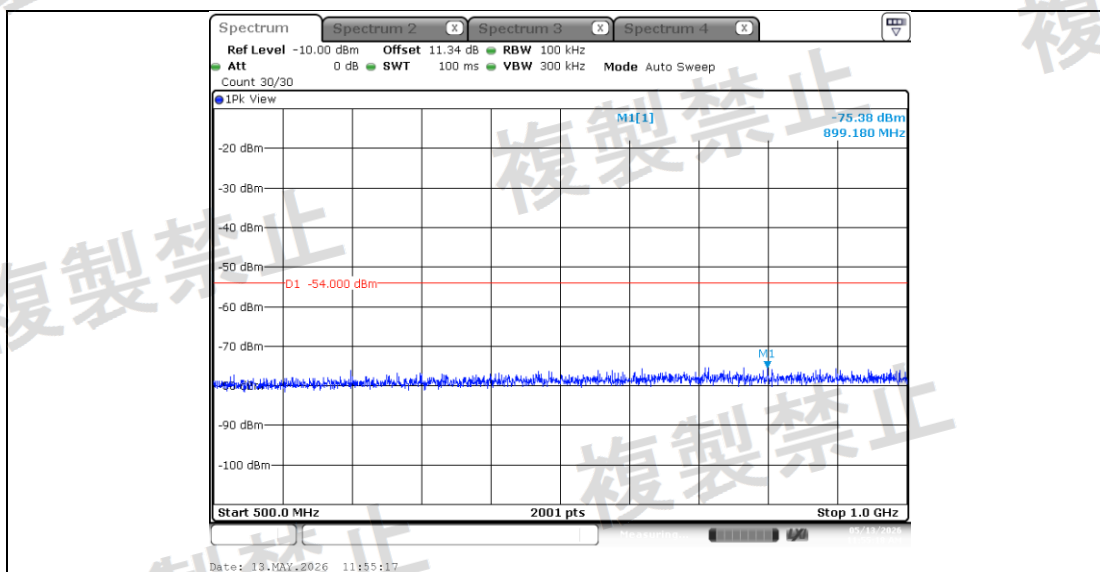
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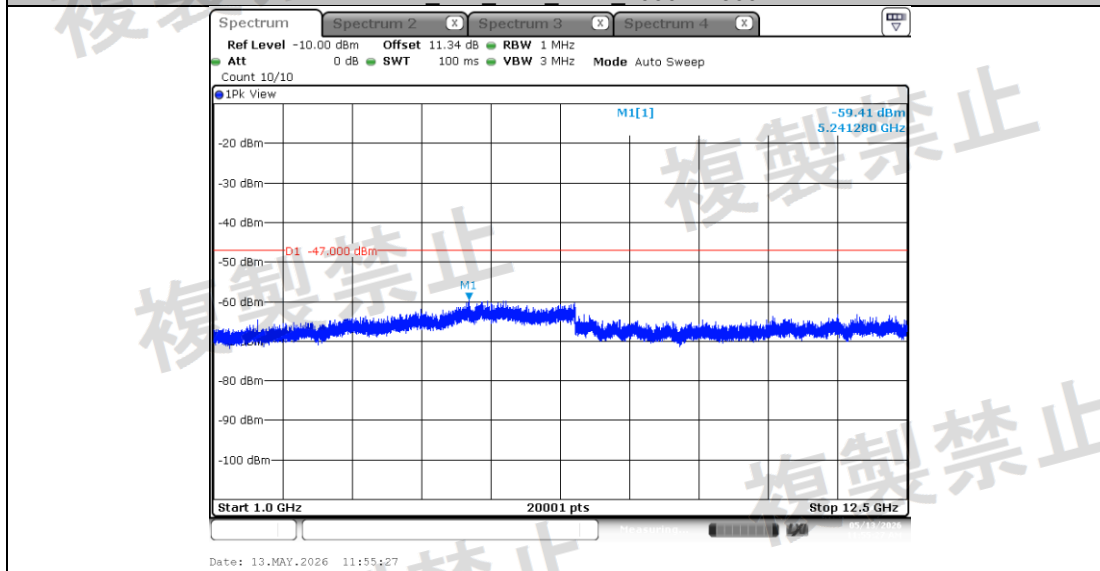
NTLV 11AX20SISO Ant1 2442 500~1000



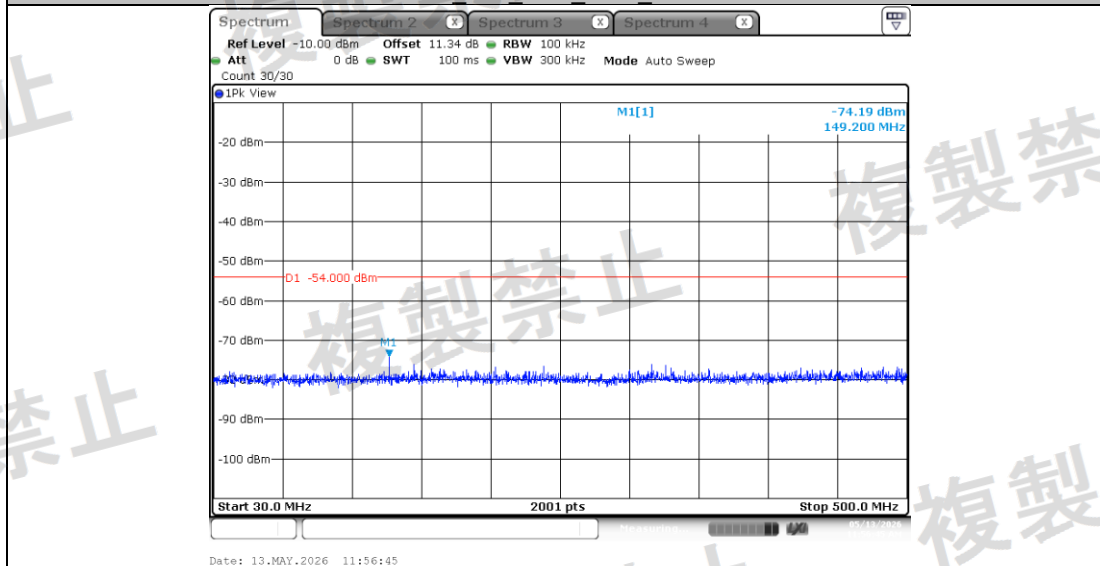




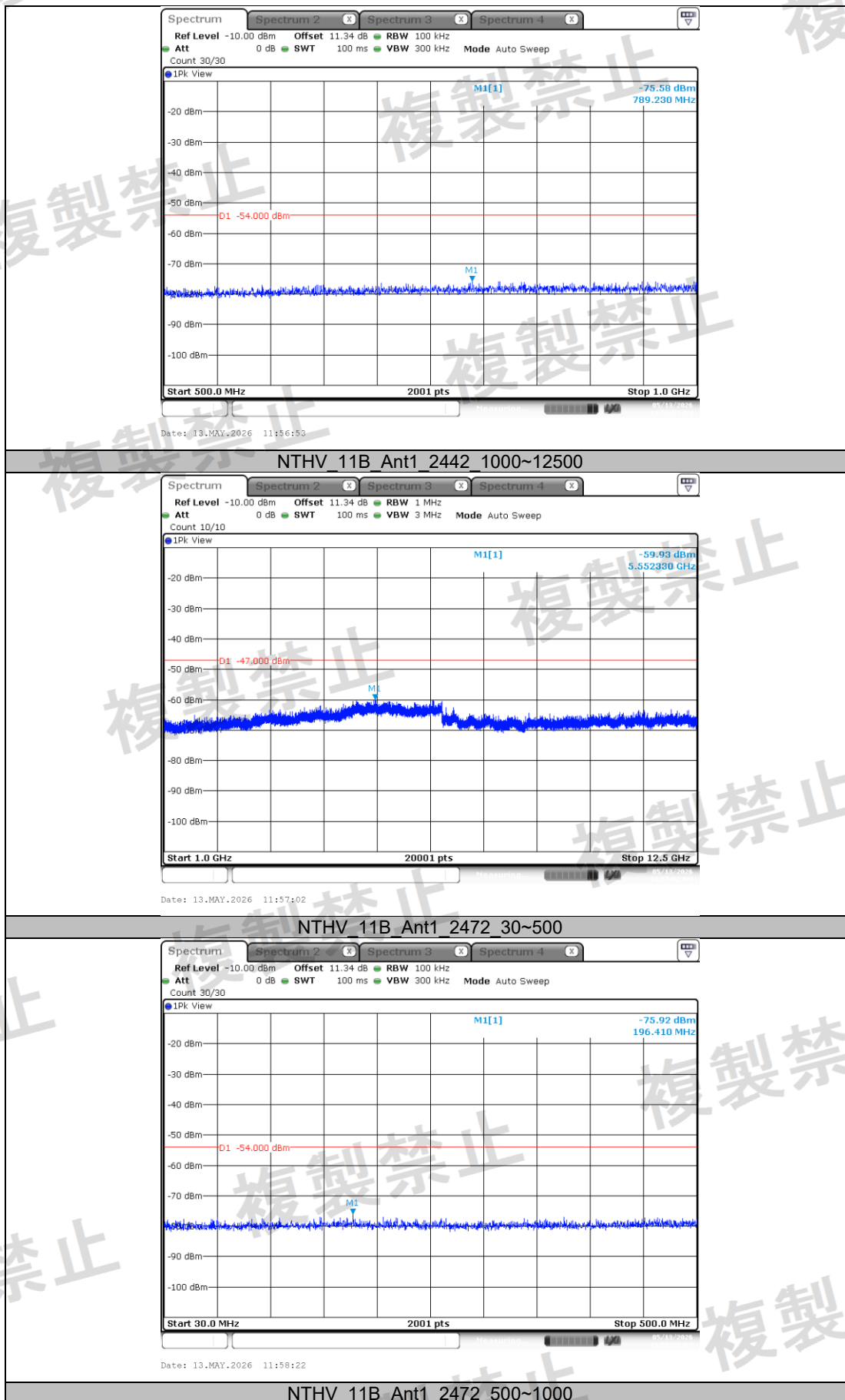
NTHV 11B Ant1 2412 1000~12500

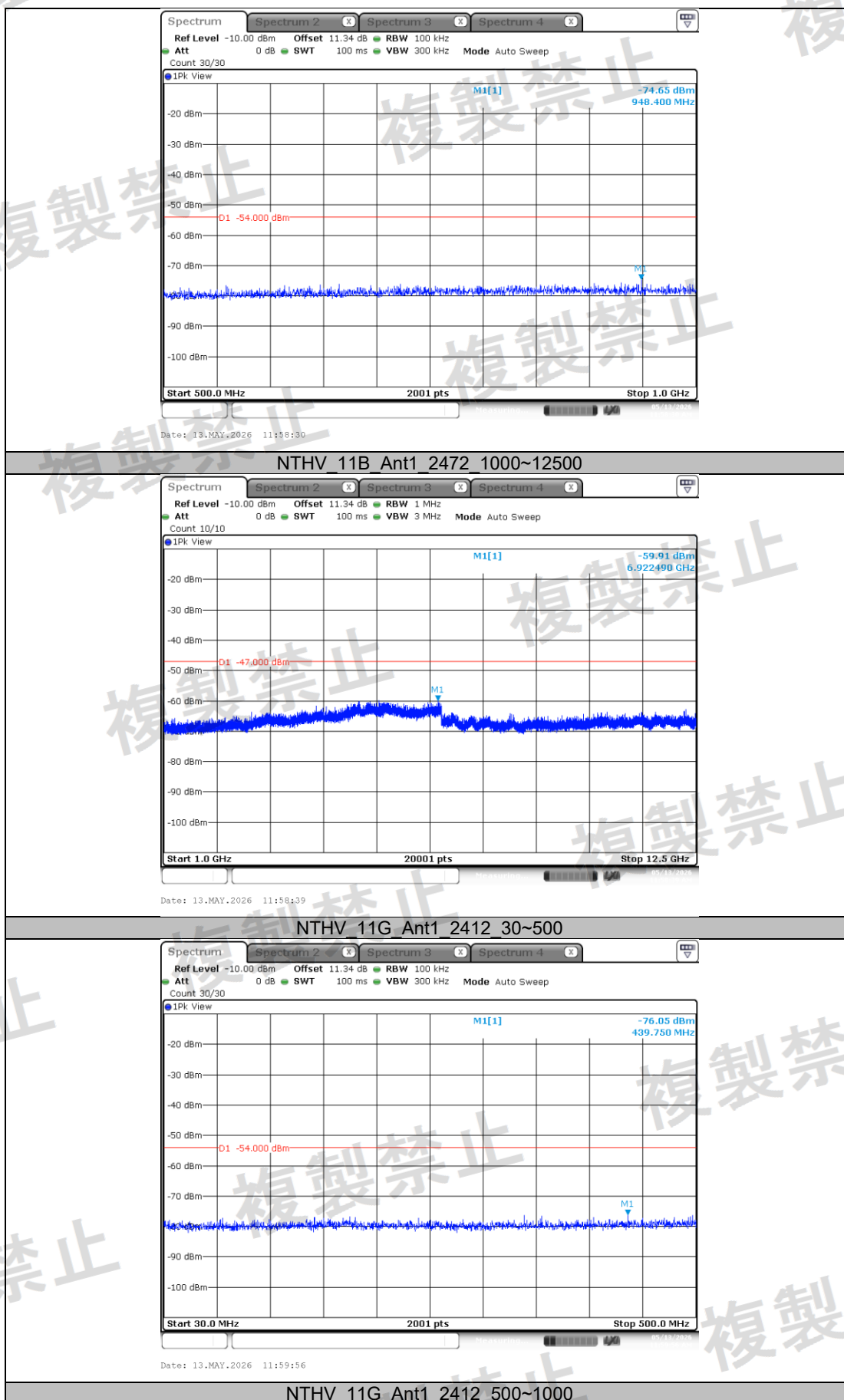


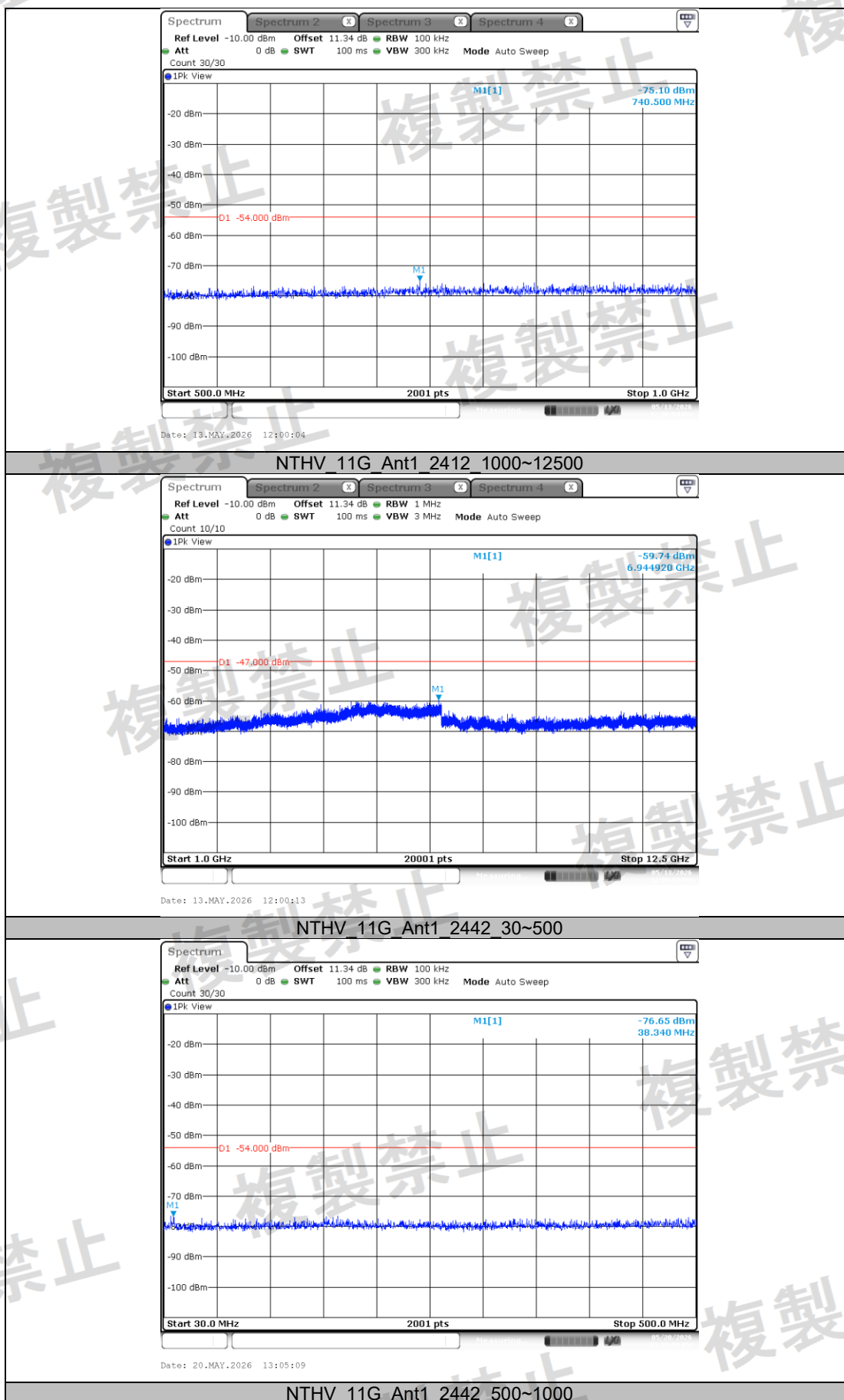
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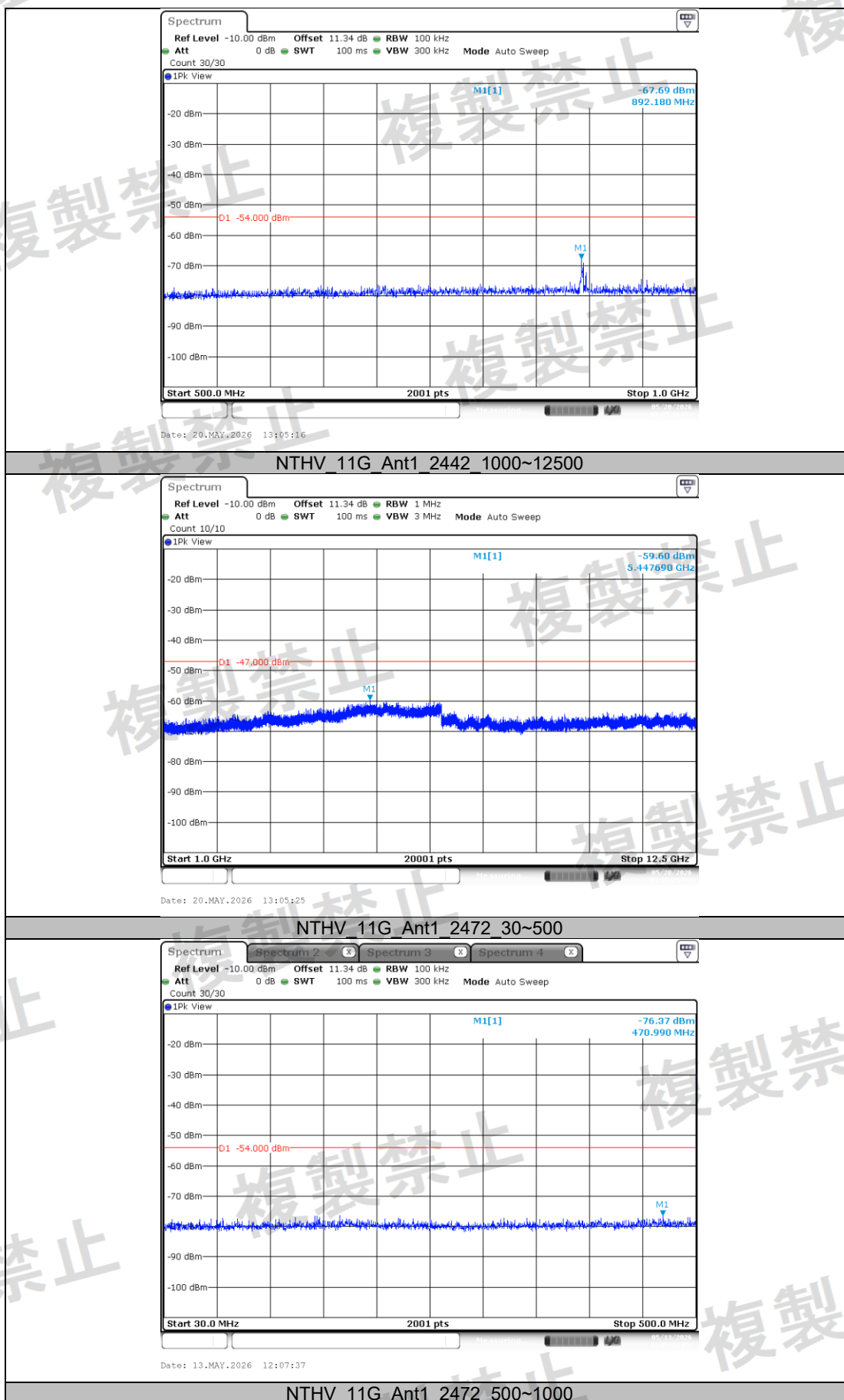


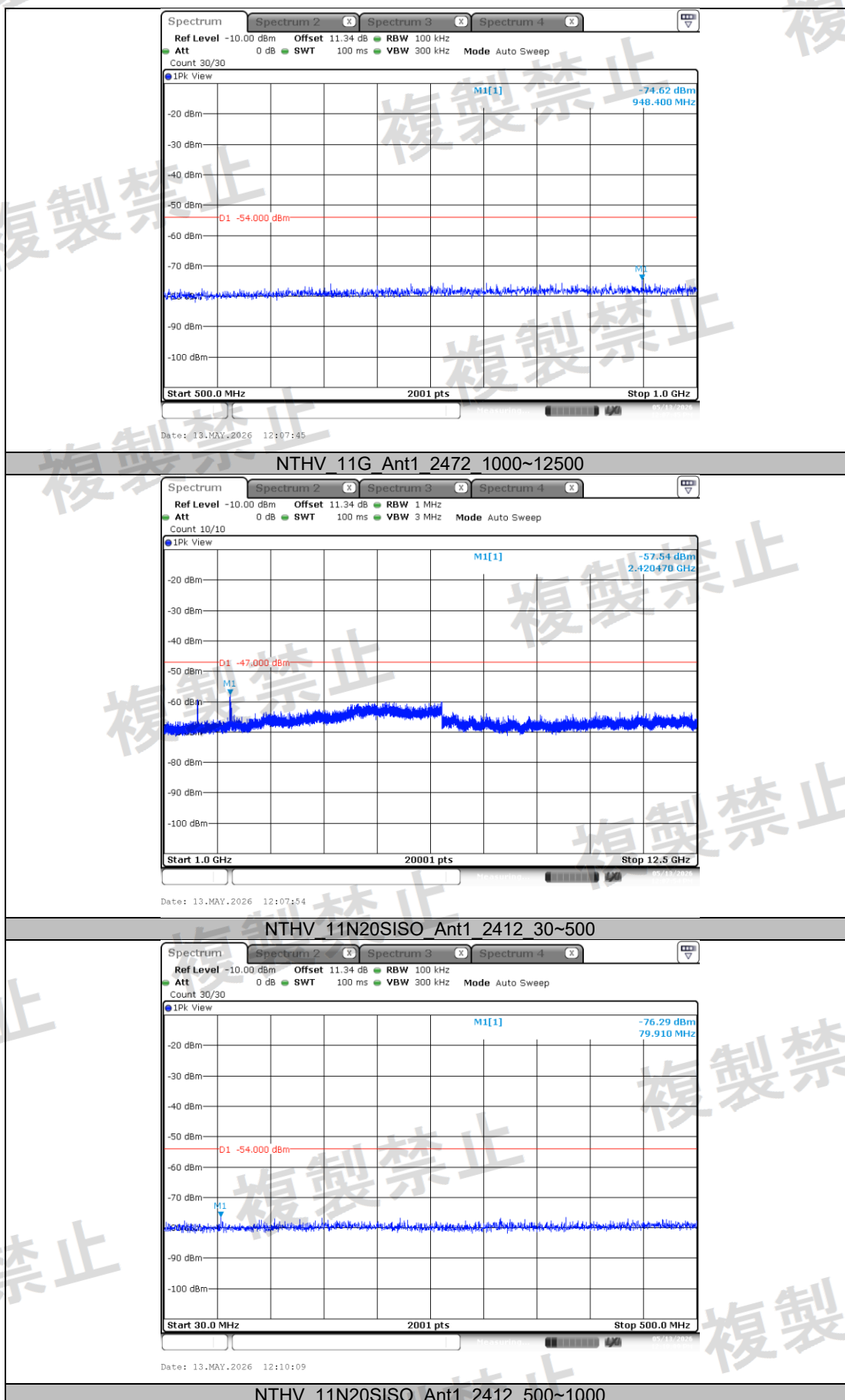
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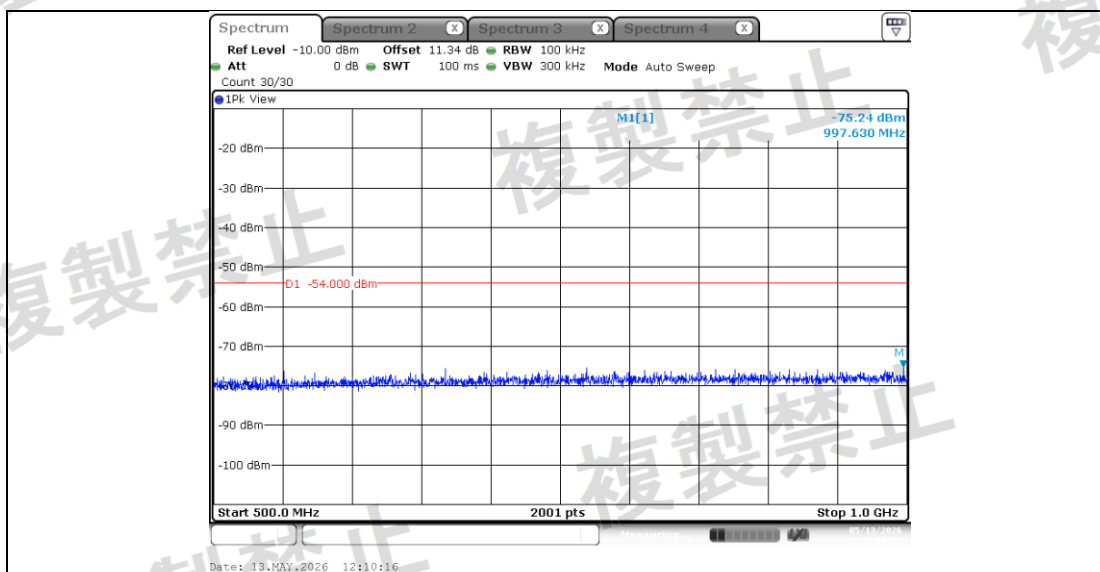




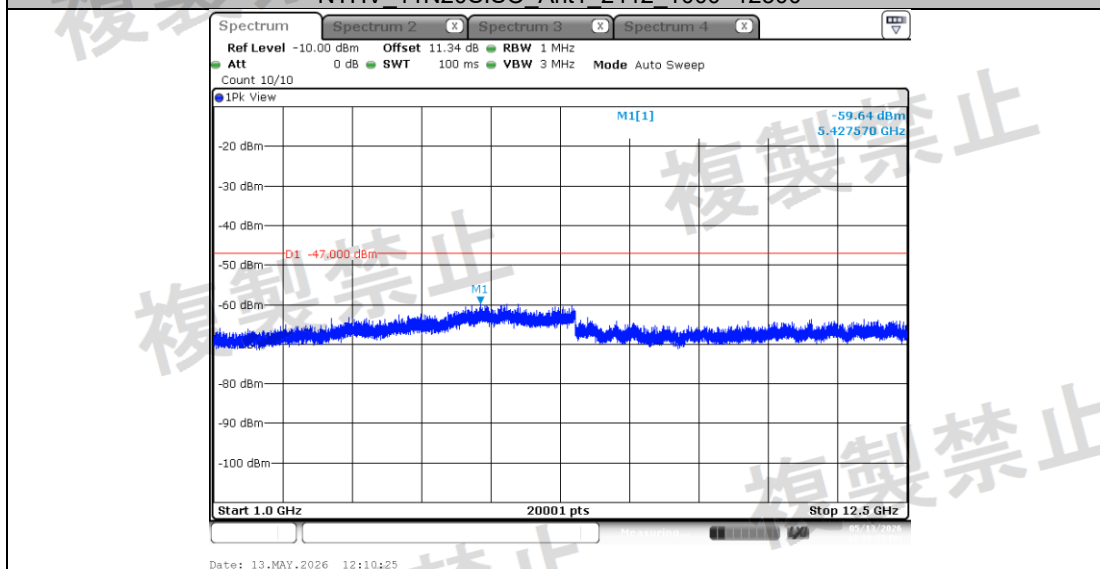




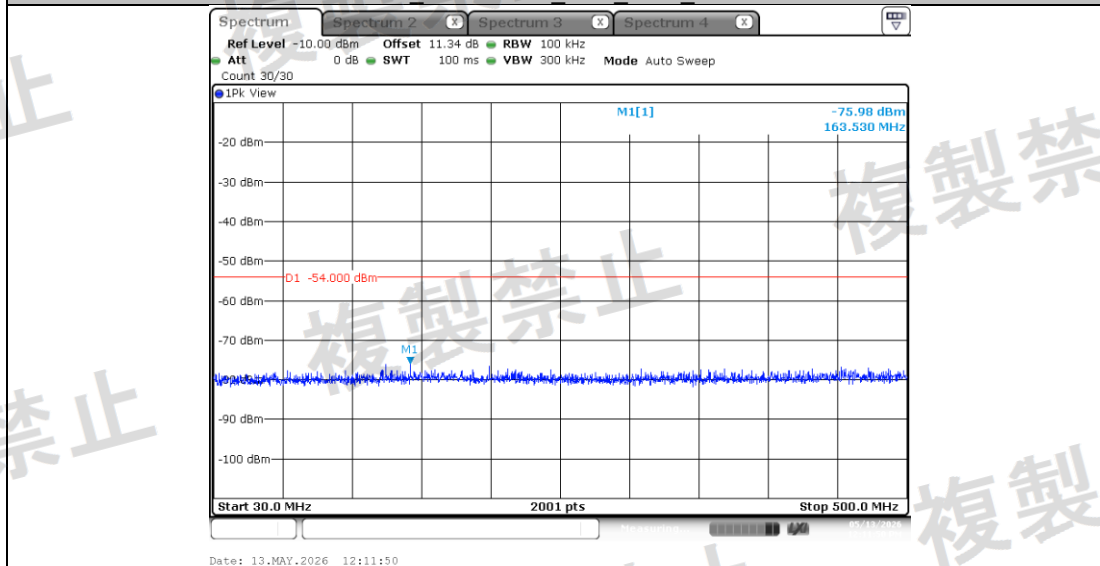




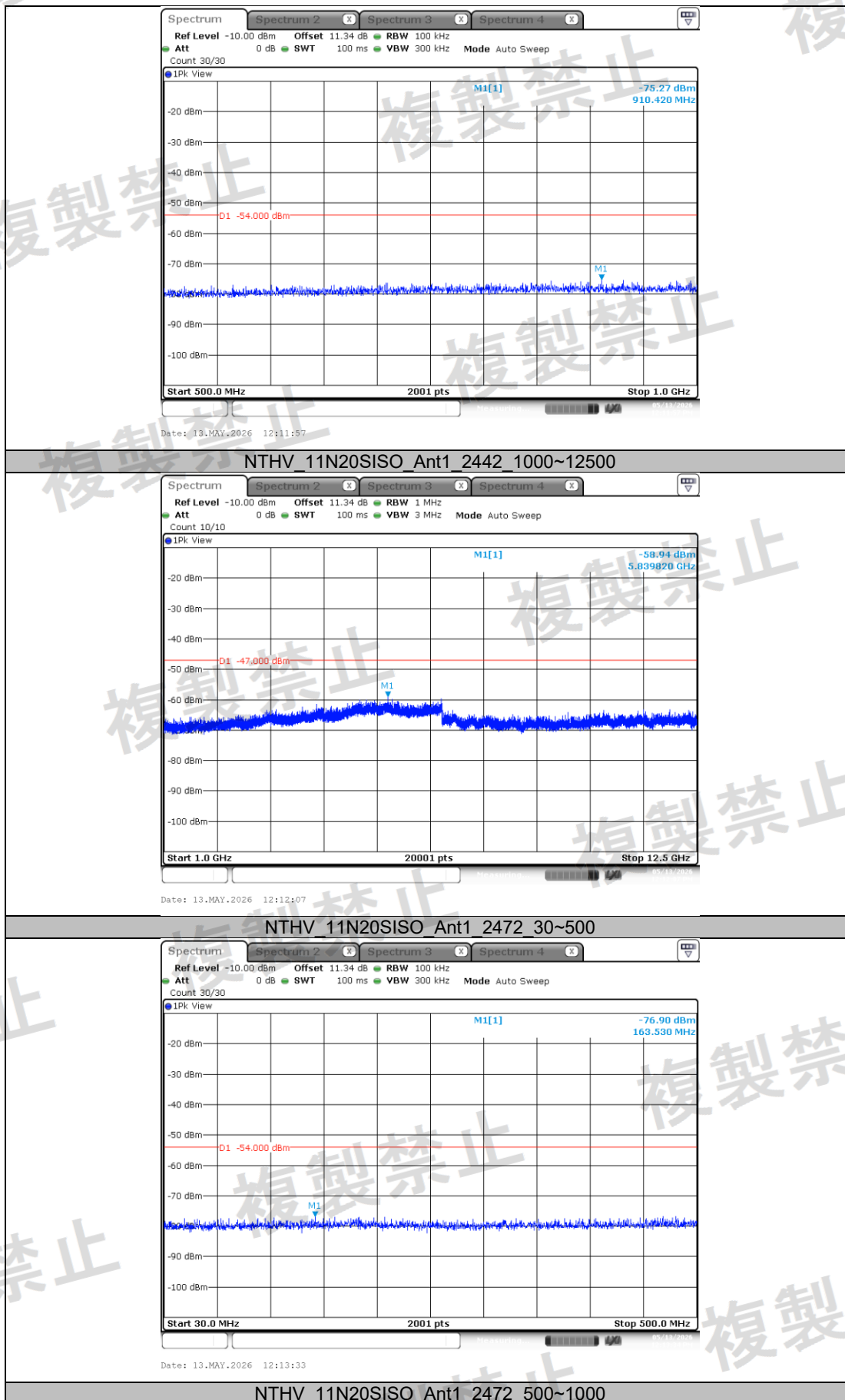
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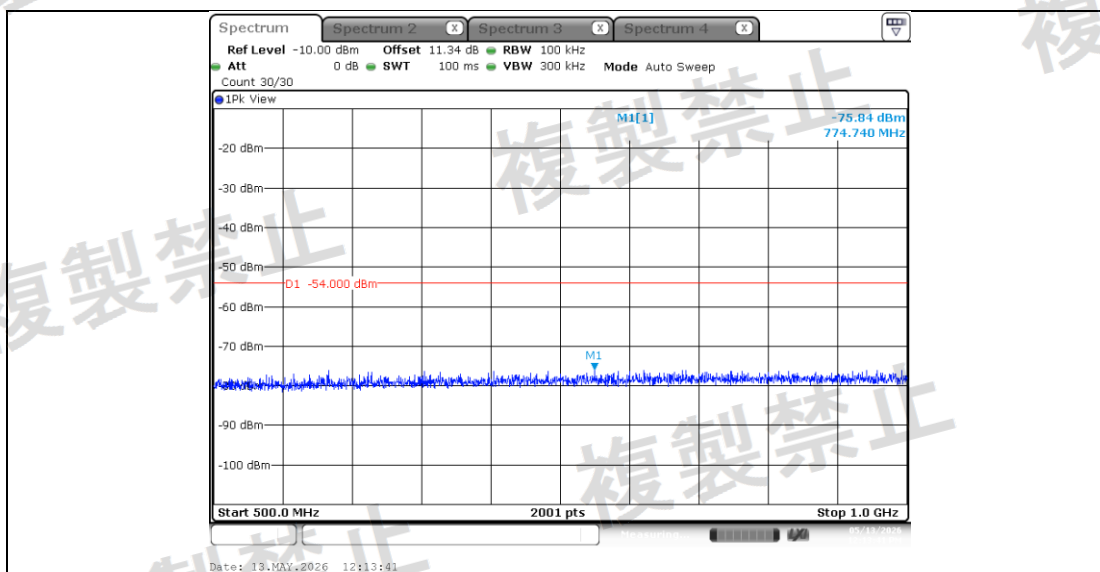


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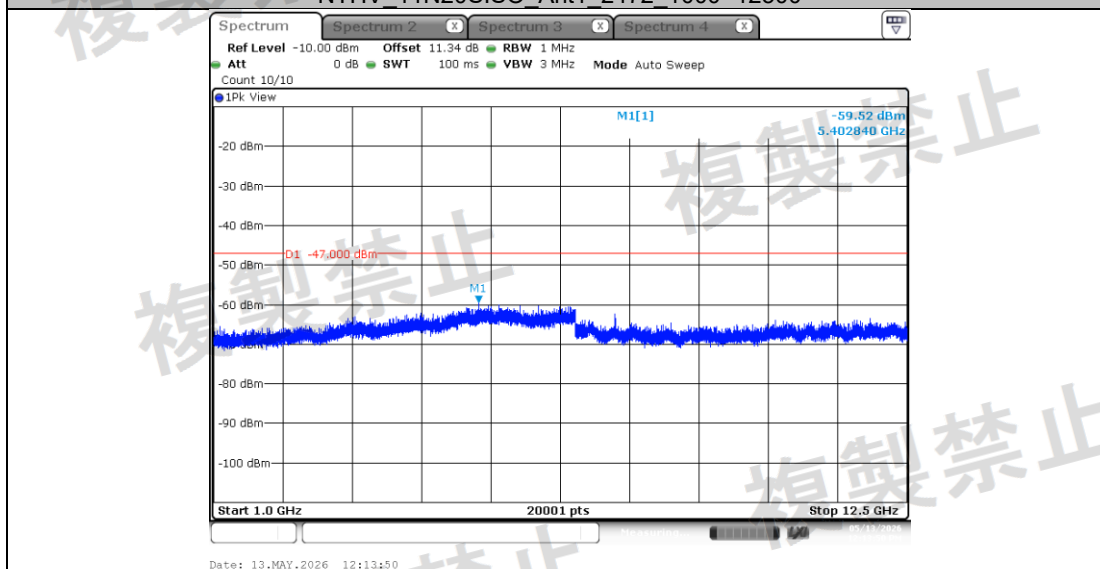


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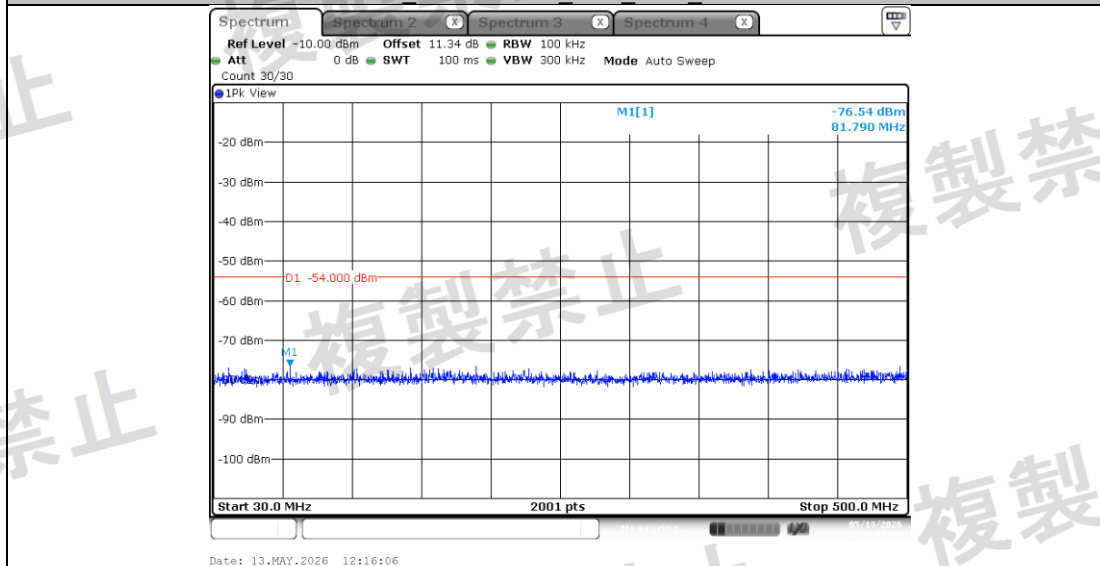




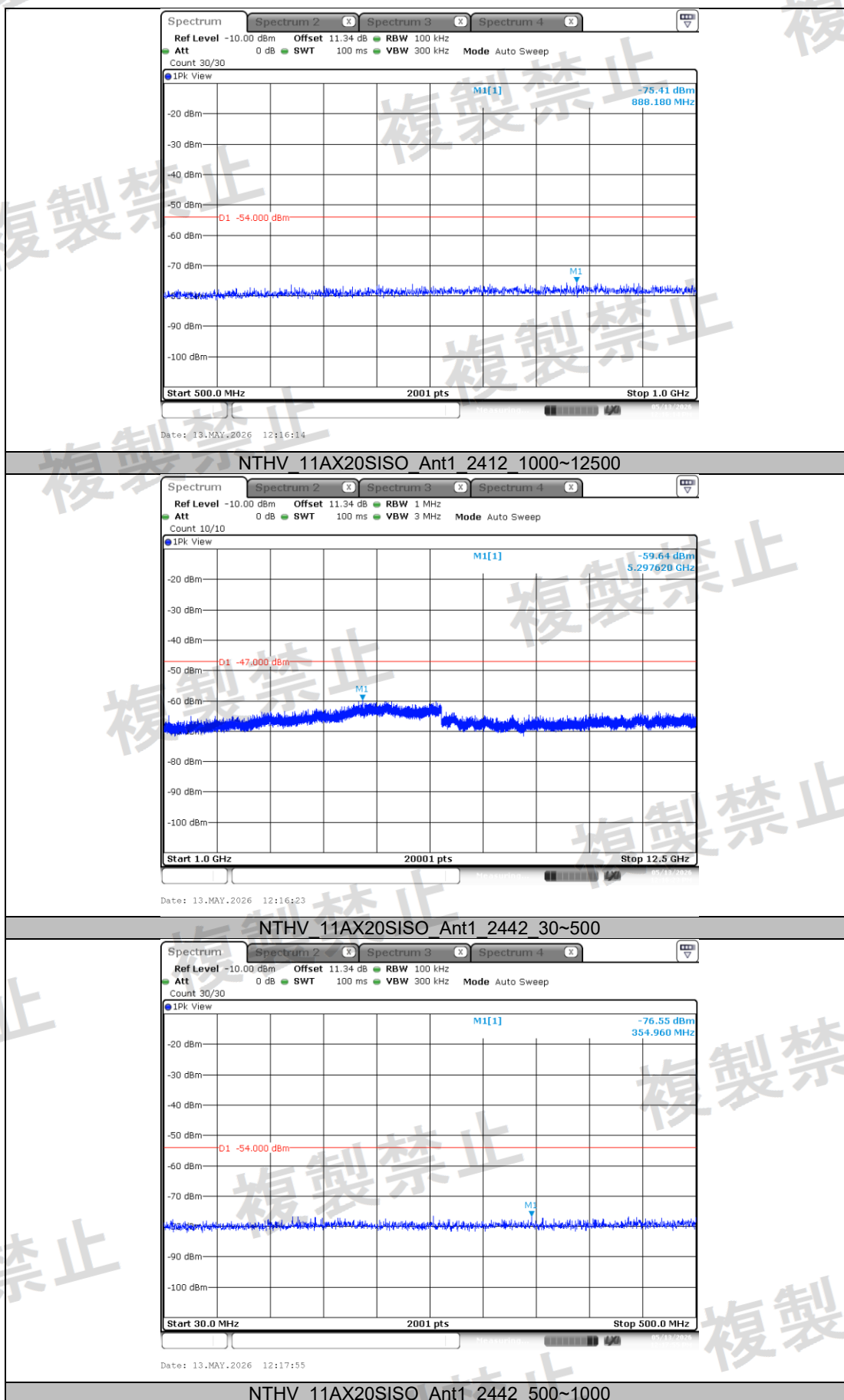
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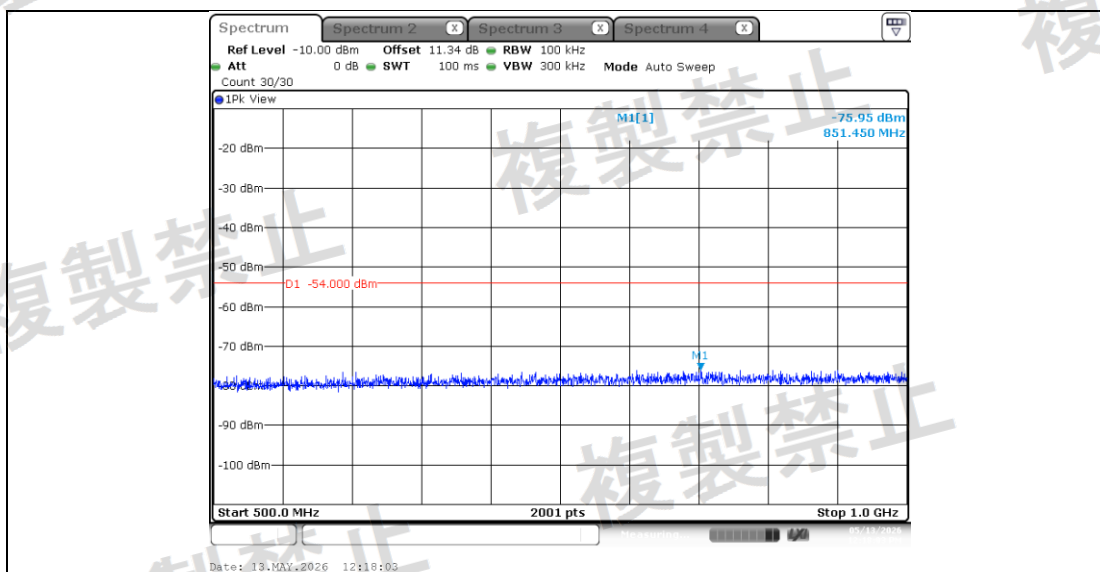


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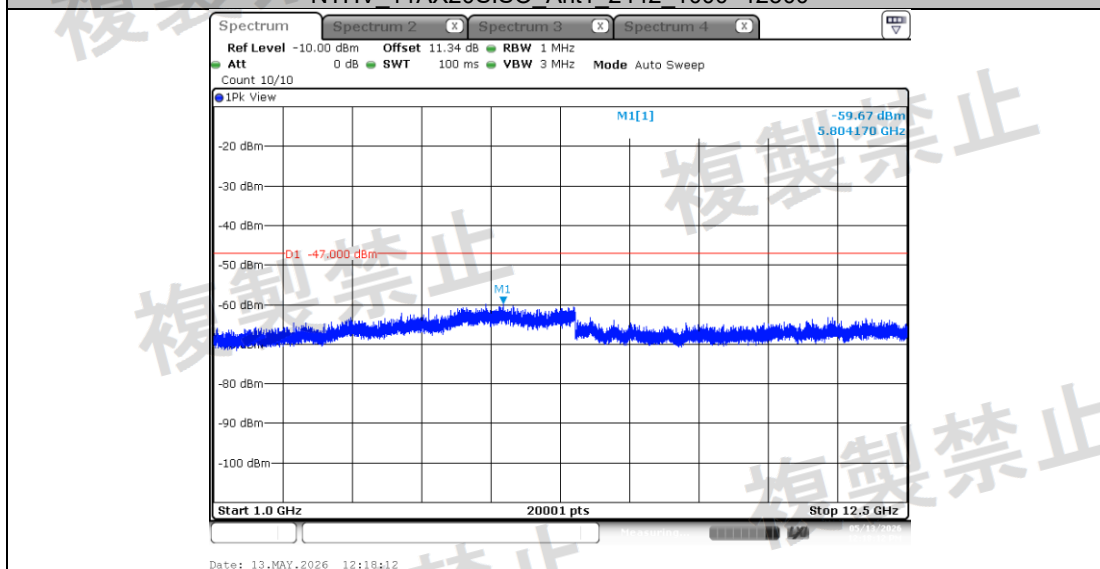


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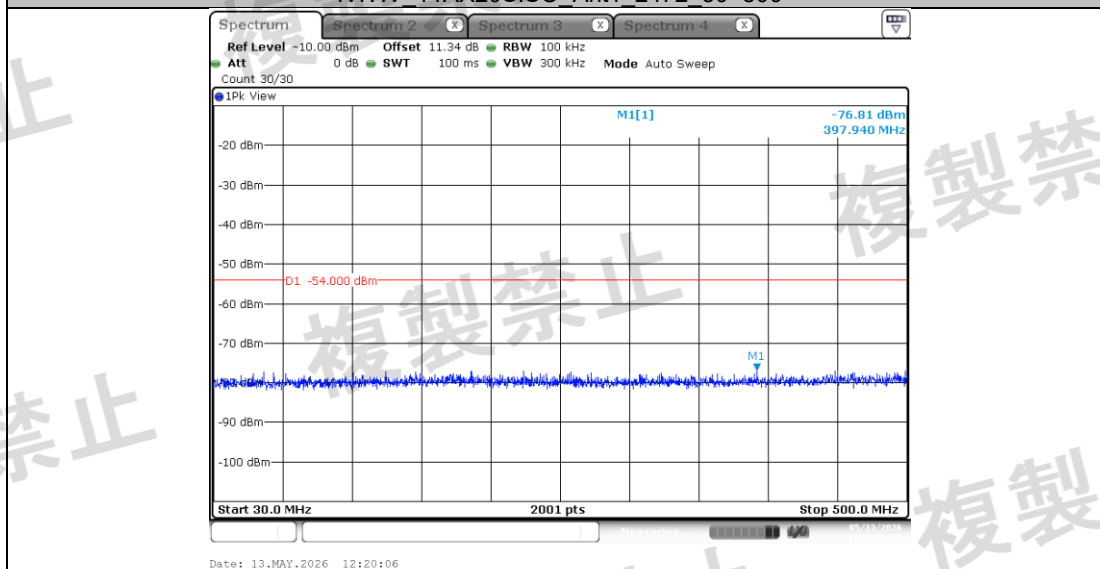




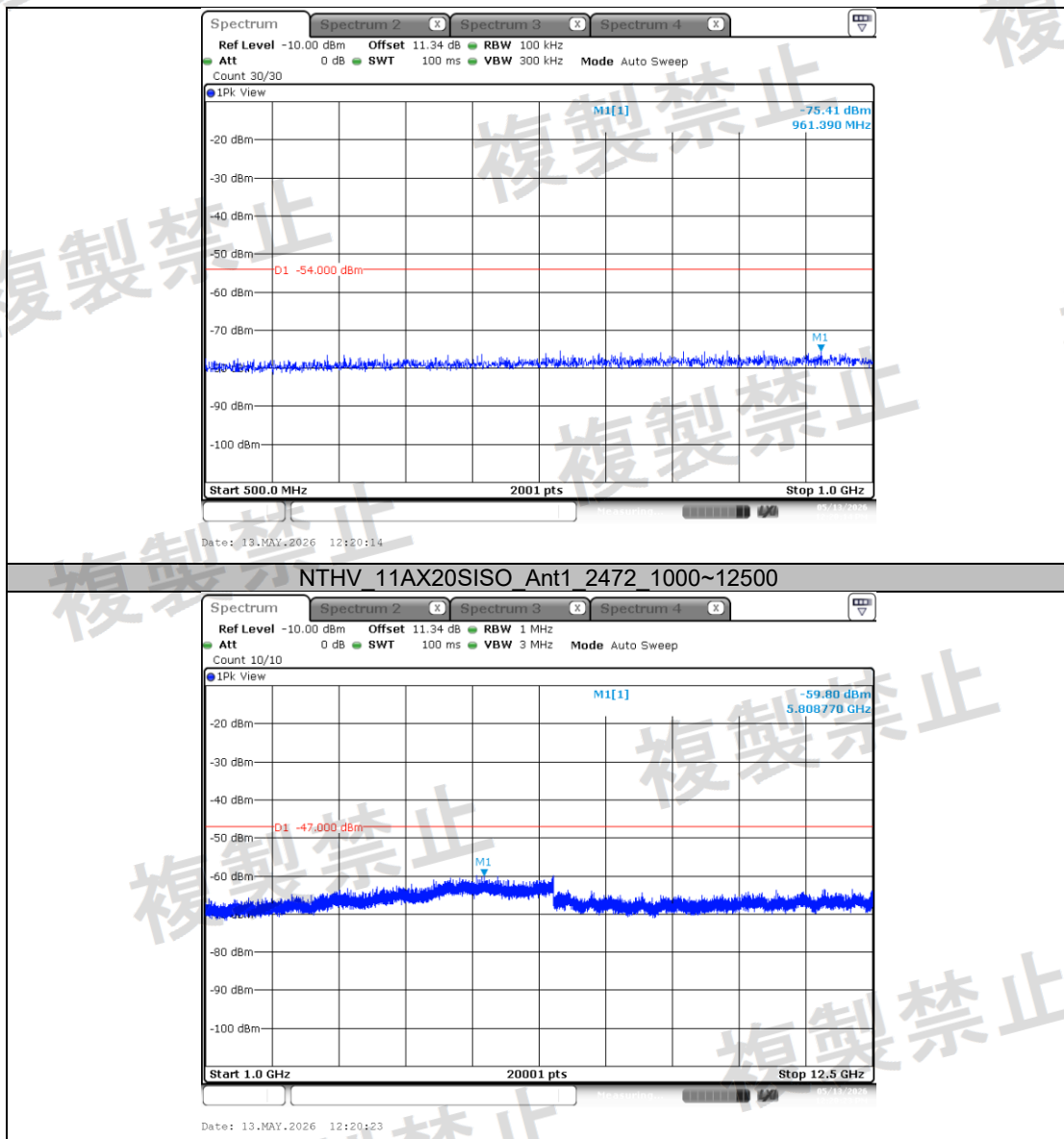
NTHV 11AX20SISO Ant1 2442 1000~12500



NTHV 11AX20SISO Ant1 2472 30~500



NTHV 11AX20SISO Ant1 2472 500~1000



Appendix B.7: Test Results of Carrier Sensing

Type	Test channel	Result
802.11n(HT20)	CH _L , CH _M , CH _H	Acceptance
802.11ax(HE20)	CH _L , CH _M , CH _H	Acceptance