

Appendix A.1 Test Result of Antenna Power**2 Mbps**

V_{nom}			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2402	8.95	7.85	10
2440	8.93	7.82	10
2479	8.97	7.89	10

V_{max}			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2402	8.93	7.82	10
2440	8.91	7.78	10
2479	8.90	7.76	10

V_{min}			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2402	8.94	7.83	10
2440	8.97	7.89	10
2479	8.96	7.87	10

4 Mbps

V_{nom}			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2403	8.94	7.83	10
2440	8.92	7.80	10
2477	8.89	7.74	10

V_{max}			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2403	8.84	7.66	10
2440	8.89	7.74	10
2477	8.84	7.66	10

V_{min}			
Frequency (MHz)	Antenna Power (dBm)	Antenna Power (mW)	Antenna Power Limit (mW)
2403	8.89	7.74	10
2440	8.95	7.85	10
2477	8.86	7.69	10

Appendix A.2 Test Result of Antenna Power Tolerance

2 Mbps

V_{nom}				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2402	7.89	7.85	-0.46	+20
2440	7.89	7.82	-0.92	+20
2479	7.89	7.89	0.00	+20

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power * 100%.

V_{max}				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2402	7.89	7.82	-0.92	+20
2440	7.89	7.78	-1.38	+20
2479	7.89	7.76	-1.60	+20

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power * 100%.

V_{min}				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2402	7.89	7.83	-0.69	+20
2440	7.89	7.89	0.00	+20
2479	7.89	7.87	-0.23	+20

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power * 100%.

4 Mbps

V_{nom}				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2403	7.85	7.83	-0.23	+20
2440	7.85	7.80	-0.68	+20
2477	7.85	7.74	-1.37	+20

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power * 100%.

V_{max}				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2403	7.85	7.66	-2.50	+20
2440	7.85	7.74	-1.37	+20
2477	7.85	7.66	-2.50	+20

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power * 100%.

V_{min}				
Frequency (MHz)	Declared Antenna Power (mW)	Antenna Power (mW)	Tolerance (%)	Limit (%)
2403	7.85	7.74	-1.37	+20
2440	7.85	7.85	0.00	+20
2477	7.85	7.69	-2.05	+20

Note: Tolerance = (Antenna Power - Declared Antenna Power) / Declared Antenna Power * 100%.

Appendix A.3 Test Result of E.I.R.P

2 Mbps

V_{nom}			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2402	8.95	9.26	12.14
2440	8.93	9.24	12.14
2479	8.97	9.28	12.14

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

V_{max}			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2402	8.93	9.24	12.14
2440	8.91	9.22	12.14
2479	8.90	9.21	12.14

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

V_{min}			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2402	8.94	9.25	12.14
2440	8.97	9.28	12.14
2479	8.96	9.27	12.14

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

4 Mbps

V_{nom}			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2403	8.94	9.25	12.14
2440	8.92	9.23	12.14
2477	8.89	9.20	12.14

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

V_{max}			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2403	8.84	9.15	12.14
2440	8.89	9.20	12.14
2477	8.84	9.15	12.14

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

V_{min}			
Frequency (MHz)	Antenna Power (dBm)	EIRP (dBm)	Limit (dBm)
2403	8.89	9.20	12.14
2440	8.95	9.26	12.14
2477	8.86	9.17	12.14

Note: EIRP = Antenna Power + Antenna Max Gain (dBi).

Appendix B. Test Result of Occupied Bandwidth**2 Mbps**

V_{nom}		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	2.21	≤ 26
2440	2.21	≤ 26
2479	2.21	≤ 26

V_{max}		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	2.21	≤ 26
2440	2.22	≤ 26
2479	2.22	≤ 26

V_{min}		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2402	2.21	≤ 26
2440	2.21	≤ 26
2479	2.22	≤ 26

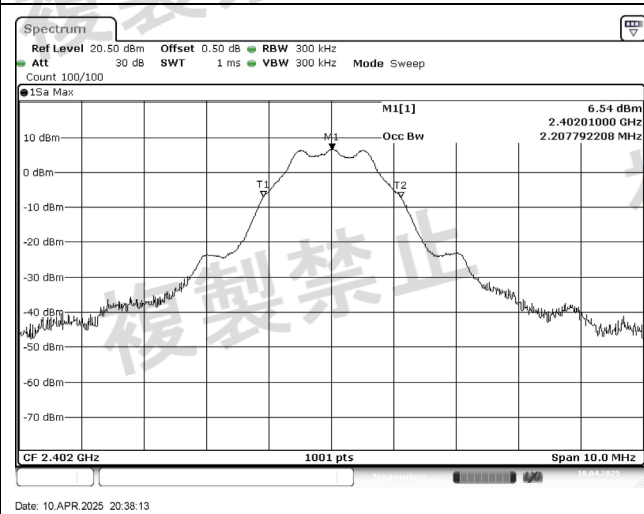
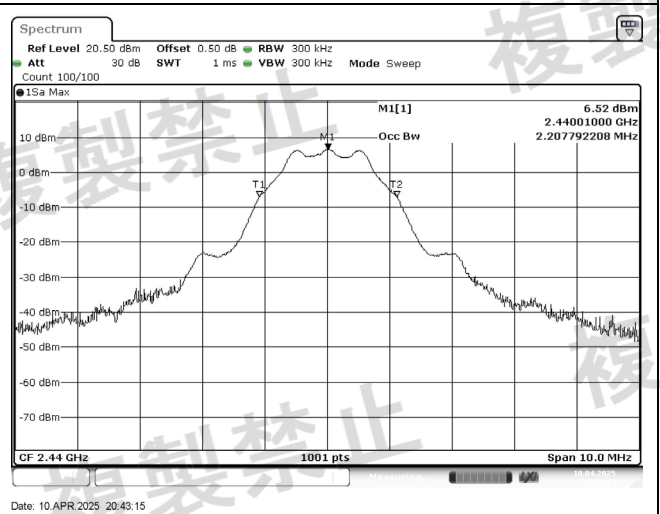
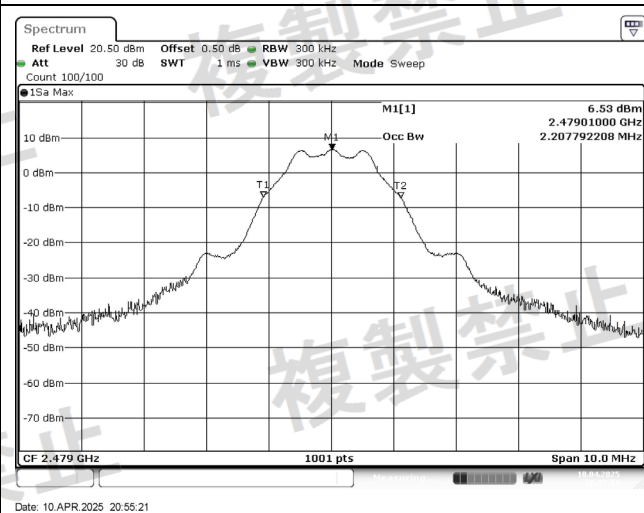
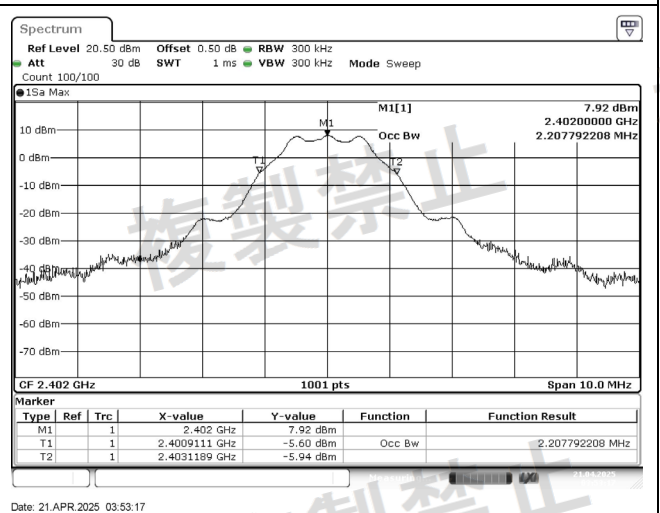
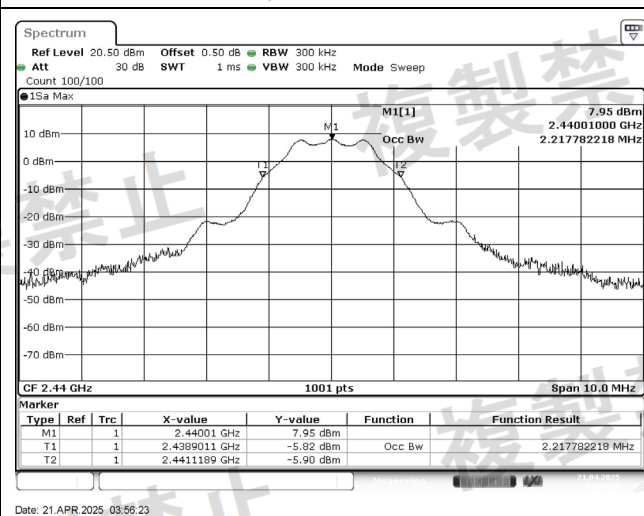
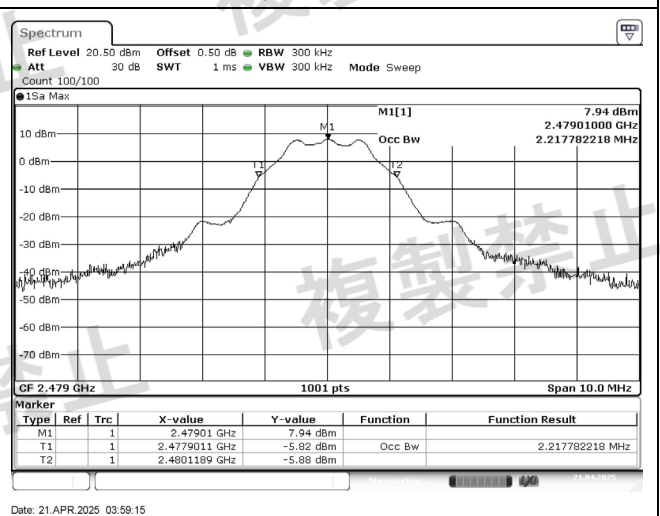
4 Mbps

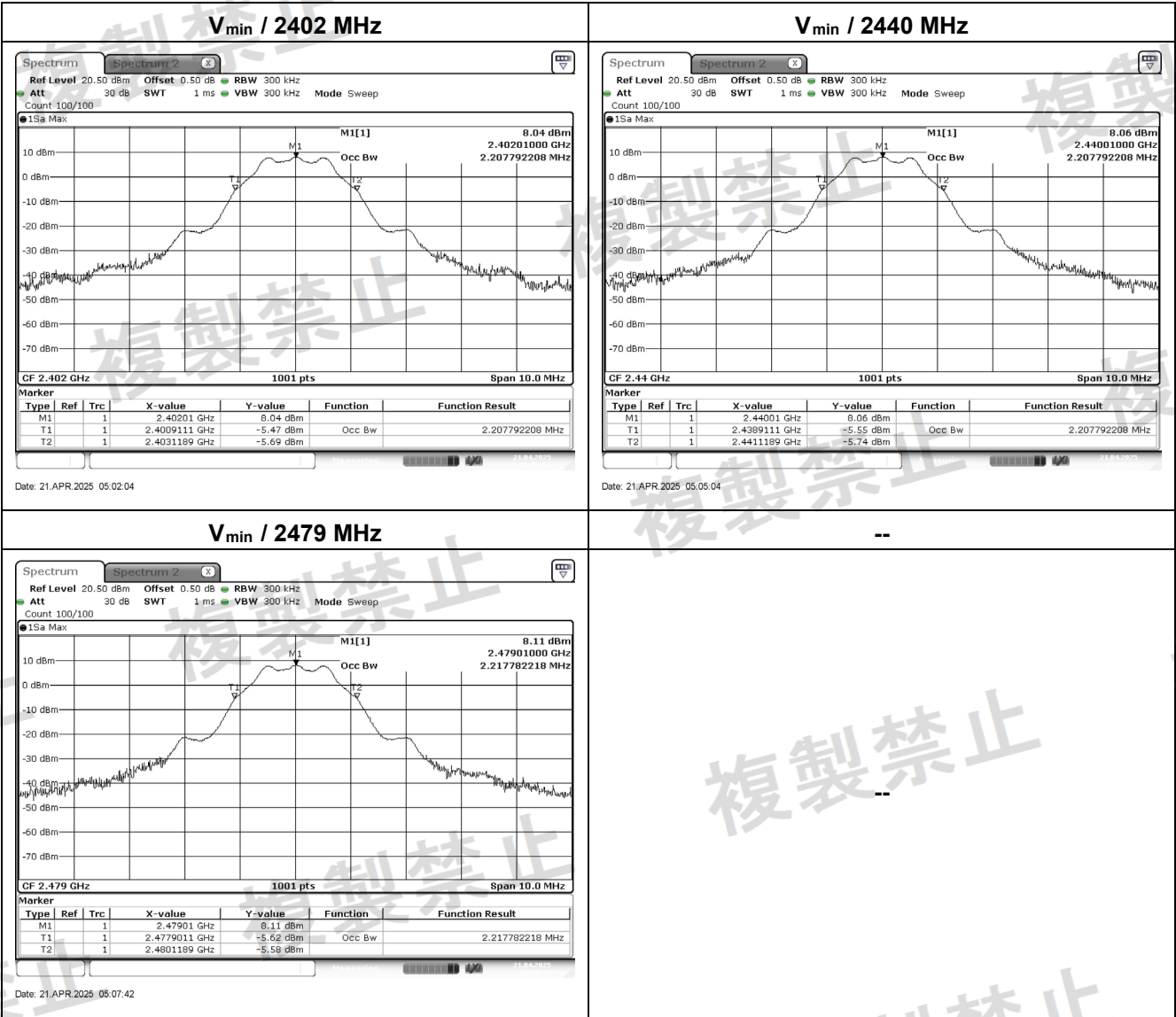
V_{nom}		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2403	4.22	≤ 26
2440	4.23	≤ 26
2477	4.23	≤ 26

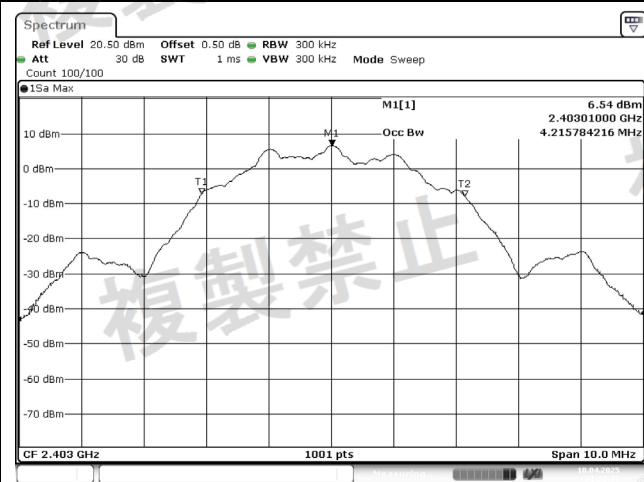
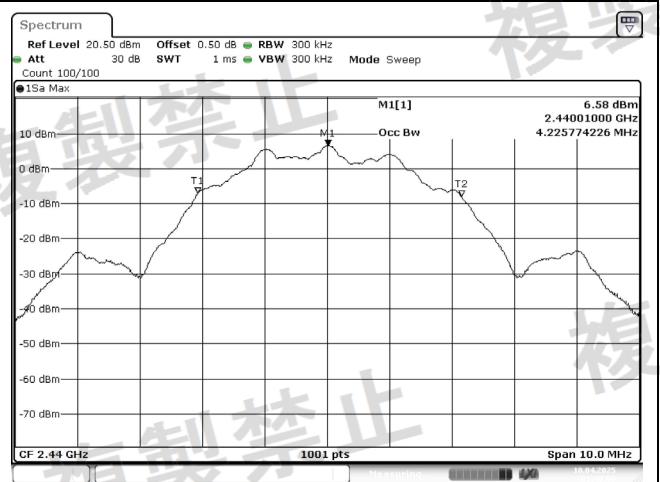
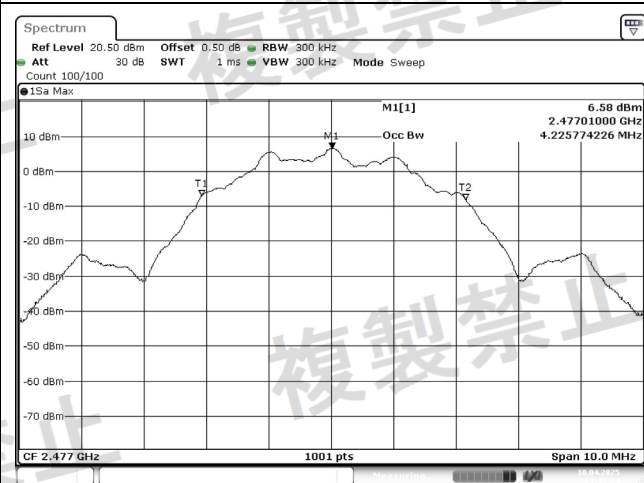
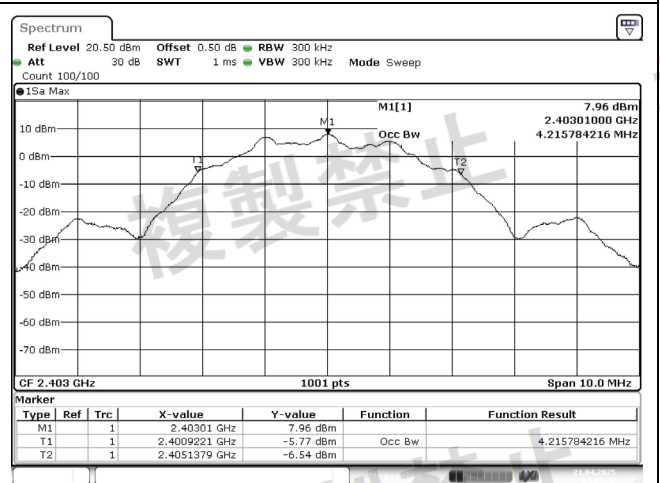
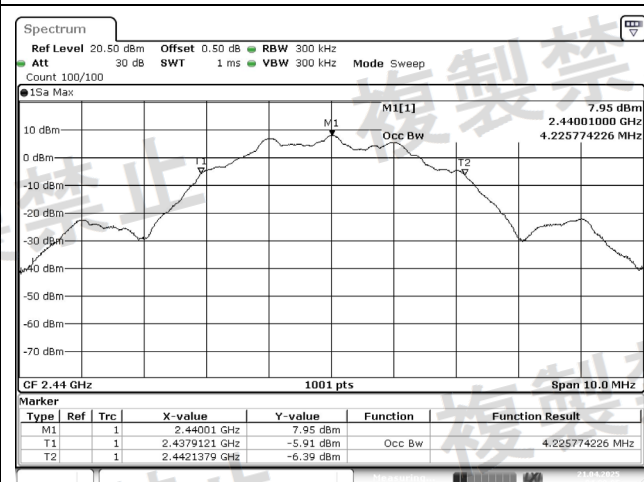
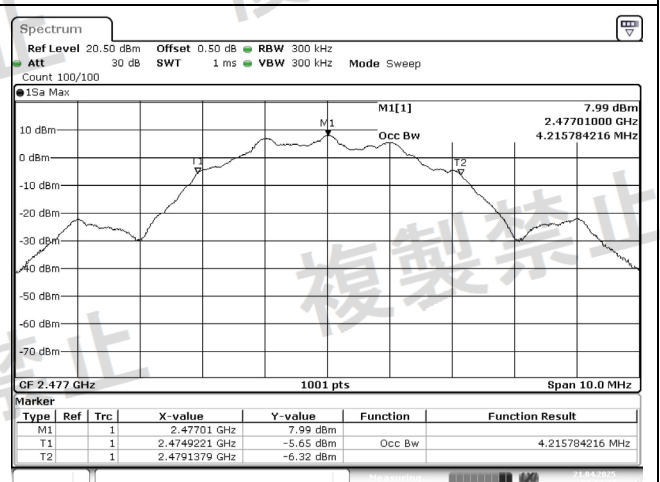
V_{max}		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2403	4.22	≤ 26
2440	4.23	≤ 26
2477	4.22	≤ 26

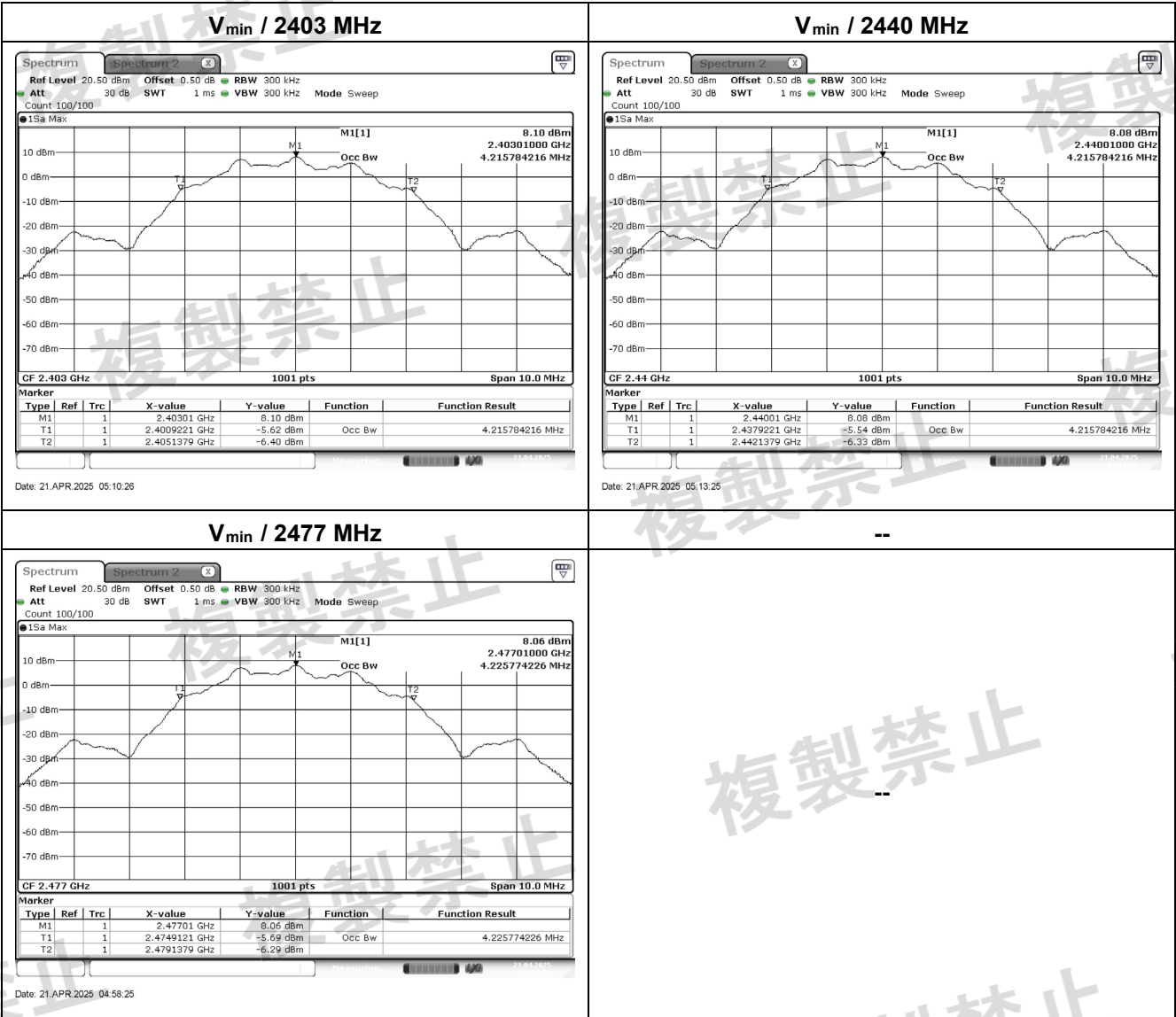
V_{min}		
Frequency (MHz)	Reading Value (MHz)	Limit (MHz)
2403	4.22	≤ 26
2440	4.22	≤ 26
2477	4.23	≤ 26

2 Mbps

V_{nom} / 2402 MHz**V_{nom} / 2440 MHz****V_{nom} / 2479 MHz****V_{max} / 2402 MHz****V_{max} / 2440 MHz****V_{max} / 2479 MHz**



4 Mbps**V_{nom} / 2403 MHz****V_{nom} / 2440 MHz****V_{nom} / 2477 MHz****V_{max} / 2403 MHz****V_{max} / 2440 MHz****V_{max} / 2477 MHz**



Appendix C. Test Result of Frequency Tolerance

2 Mbps

V_{nom}			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	2402.0068	2.8310	± 50
2440	2440.0065	2.6639	± 50
2479	2479.0063	2.5413	± 50

V_{max}			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	2402.0061	2.5396	± 50
2440	2440.0057	2.3361	± 50
2479	2479.0051	2.0573	± 50

V_{min}			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2402	2402.0060	2.4979	± 50
2440	2440.0053	2.1721	± 50
2479	2479.0050	2.0169	± 50

4 Mbps

V_{nom}			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2403	2403.0054	2.2472	± 50
2440	2440.0052	2.1311	± 50
2477	2477.0052	2.0993	± 50

V_{max}			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2403	2403.0052	2.1640	± 50
2440	2440.0046	1.8852	± 50
2477	2477.0046	1.8571	± 50

V_{min}			
Frequency (MHz)	Reading Value (MHz)	Tolerance (ppm)	Limit (ppm)
2403	2403.0046	1.9143	± 50
2440	2440.0046	1.8852	± 50
2477	2477.0045	1.8167	± 50

Appendix D. Test Result of Transmitter Spurious Emissions

2 Mbps

V _{nom}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2402	30 - 1000	926.96	0.001279	2.5
	1000 - 2387	2386.89	0.023014	2.5
	2387 - 2400	2400.00	11.994993	25
	2483.5 - 2496.5	2487.05	0.002203	25
	2496.5 - 8000	4803.17	0.022856	2.5
	8000 - 12750	12459.15	0.001687	2.5
2440	30 - 1000	843.76	0.001219	2.5
	1000 - 2387	1941.25	0.003170	2.5
	2387 - 2400	2396.58	0.003899	25
	2483.5 - 2496.5	2484.74	0.003133	25
	2496.5 - 8000	4879.01	0.020045	2.5
	8000 - 12750	12477.55	0.001758	2.5
2479	30 - 1000	928.39	0.001268	2.5
	1000 - 2387	2385.46	0.001429	2.5
	2387 - 2400	2394.36	0.002051	25
	2483.5 - 2496.5	2483.58	0.332660	25
	2496.5 - 8000	4958.12	0.014421	2.5
	8000 - 12750	12494.92	0.001702	2.5

V_{max}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2402	30 - 1000	920.33	0.002188	2.5
	1000 - 2387	2385.90	0.021528	2.5
	2387 - 2400	2400.00	16.481624	25
	2483.5 - 2496.5	2487.06	0.003083	25
	2496.5 - 8000	4804.89	0.022751	2.5
	8000 - 12750	11348.72	0.002203	2.5
2440	30 - 1000	851.52	0.001982	2.5
	1000 - 2387	2375.80	0.002624	2.5
	2387 - 2400	2399.38	0.005164	25
	2483.5 - 2496.5	2484.00	0.004797	25
	2496.5 - 8000	4879.18	0.019588	2.5
	8000 - 12750	12139.27	0.002173	2.5
2479	30 - 1000	921.54	0.002042	2.5
	1000 - 2387	2384.03	0.002128	2.5
	2387 - 2400	2393.31	0.004009	25
	2483.5 - 2496.5	2483.52	0.415911	25
	2496.5 - 8000	4959.33	0.018967	2.5
	8000 - 12750	12392.65	0.002328	2.5

V_{min}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2402	30 - 1000	947.49	0.002065	2.5
	1000 - 2387	2386.98	0.023281	2.5
	2387 - 2400	2400.00	16.943378	25
	2483.5 - 2496.5	2492.50	0.002799	25
	2496.5 - 8000	4805.23	0.022542	2.5
	8000 - 12750	12465.83	0.002339	2.5
2440	30 - 1000	808.87	0.002065	2.5
	1000 - 2387	2382.47	0.002685	2.5
	2387 - 2400	2397.28	0.005848	25
	2483.5 - 2496.5	2484.35	0.004819	25
	2496.5 - 8000	4881.25	0.019770	2.5
	8000 - 12750	12155.60	0.002559	2.5
2479	30 - 1000	884.71	0.002360	2.5
	1000 - 2387	2207.80	0.001977	2.5
	2387 - 2400	2393.93	0.003758	25
	2483.5 - 2496.5	2483.52	0.519996	25
	2496.5 - 8000	4957.26	0.019953	2.5
	8000 - 12750	12200.28	0.002518	2.5

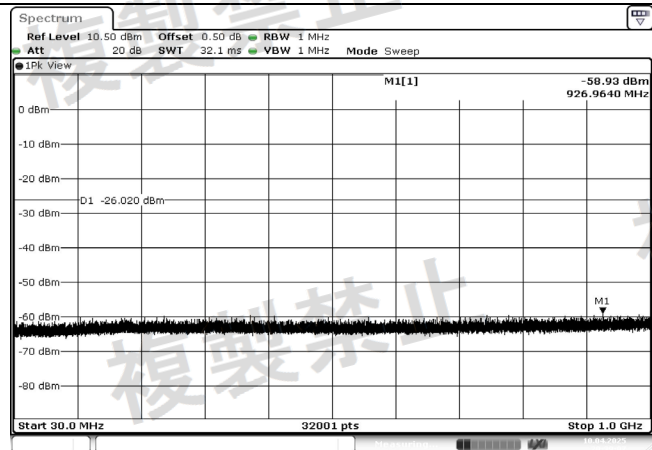
4 Mbps

V_{nom}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2403	30 - 1000	996.50	0.001245	2.5
	1000 - 2387	2386.03	0.017539	2.5
	2387 - 2400	2399.99	7.244360	25
	2483.5 - 2496.5	2487.94	0.001824	25
	2496.5 - 8000	4805.92	0.025704	2.5
	8000 - 12750	12073.52	0.001750	2.5
2440	30 - 1000	935.42	0.001403	2.5
	1000 - 2387	2385.51	0.002118	2.5
	2387 - 2400	2397.22	0.003758	25
	2483.5 - 2496.5	2491.00	0.003388	25
	2496.5 - 8000	4880.21	0.019588	2.5
	8000 - 12750	12449.65	0.001531	2.5
2477	30 - 1000	944.30	0.001288	2.5
	1000 - 2387	2157.74	0.001219	2.5
	2387 - 2400	2391.99	0.002917	25
	2483.5 - 2496.5	2483.64	0.176198	25
	2496.5 - 8000	4951.93	0.013583	2.5
	8000 - 12750	12479.63	0.001663	2.5

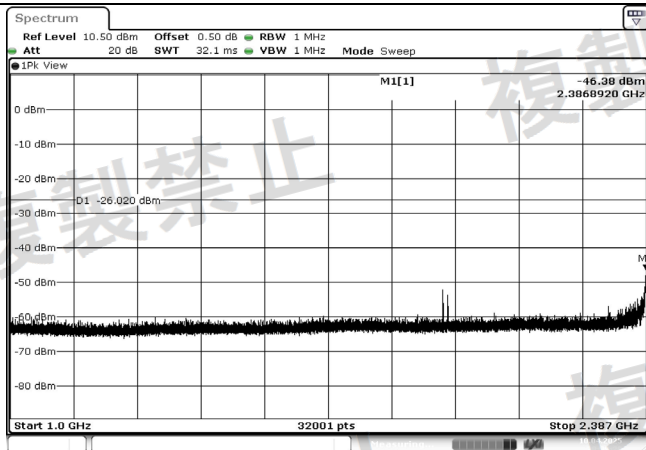
V_{max}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2403	30 - 1000	805.26	0.001858	2.5
	1000 - 2387	2385.77	0.025468	2.5
	2387 - 2400	2400.00	11.297959	25
	2483.5 - 2496.5	2488.39	0.003266	25
	2496.5 - 8000	4804.20	0.018239	2.5
	8000 - 12750	12332.98	0.002570	2.5
2440	30 - 1000	878.53	0.001986	2.5
	1000 - 2387	2380.30	0.003639	2.5
	2387 - 2400	2397.35	0.005848	25
	2483.5 - 2496.5	2491.45	0.004406	25
	2496.5 - 8000	4880.21	0.023335	2.5
	8000 - 12750	12378.25	0.002399	2.5
2477	30 - 1000	570.96	0.001963	2.5
	1000 - 2387	2382.86	0.002153	2.5
	2387 - 2400	2399.99	0.003648	25
	2483.5 - 2496.5	2483.56	0.262422	25
	2496.5 - 8000	4953.99	0.020893	2.5
	8000 - 12750	12542.71	0.002123	2.5

V_{min}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (μW/MHz)	Limit (μW/MHz)
2403	30 - 1000	195.49	0.001774	2.5
	1000 - 2387	2385.90	0.026002	2.5
	2387 - 2400	2400.00	11.508004	25
	2483.5 - 2496.5	2490.20	0.002979	25
	2496.5 - 8000	4805.92	0.021777	2.5
	8000 - 12750	12356.43	0.002203	2.5
2440	30 - 1000	909.38	0.002133	2.5
	1000 - 2387	2370.68	0.002265	2.5
	2387 - 2400	2396.11	0.005957	25
	2483.5 - 2496.5	2491.70	0.004742	25
	2496.5 - 8000	4878.15	0.019770	2.5
	8000 - 12750	12142.98	0.002333	2.5
2477	30 - 1000	876.10	0.002218	2.5
	1000 - 2387	2284.34	0.002023	2.5
	2387 - 2400	2399.77	0.003420	25
	2483.5 - 2496.5	2483.65	0.249459	25
	2496.5 - 8000	4954.17	0.018493	2.5
	8000 - 12750	8862.17	0.002432	2.5

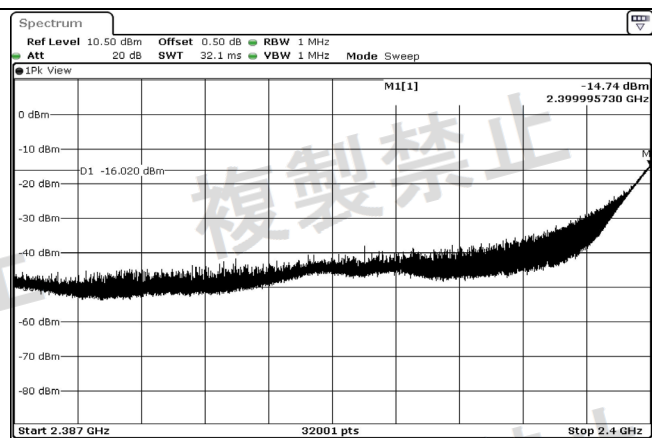
2 Mbps

V_{nom} / 2402 MHz

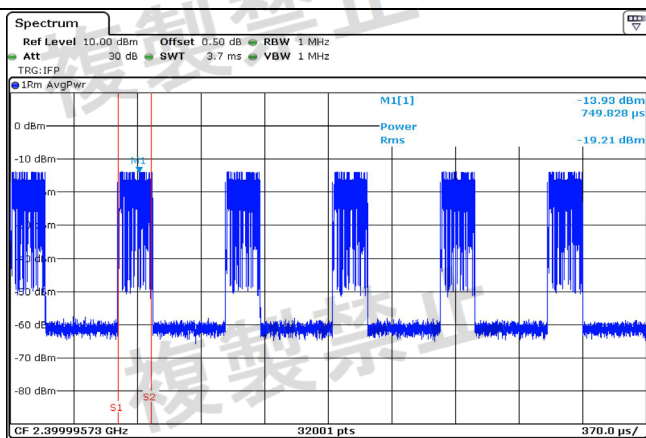
Date: 10.APR.2025 20:39:07



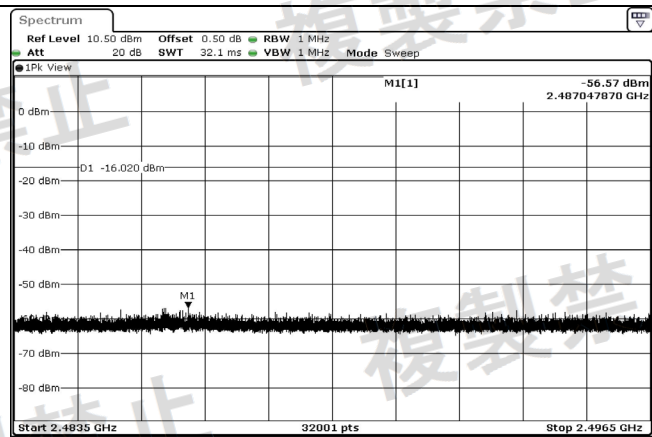
Date: 10.APR.2025 20:39:29



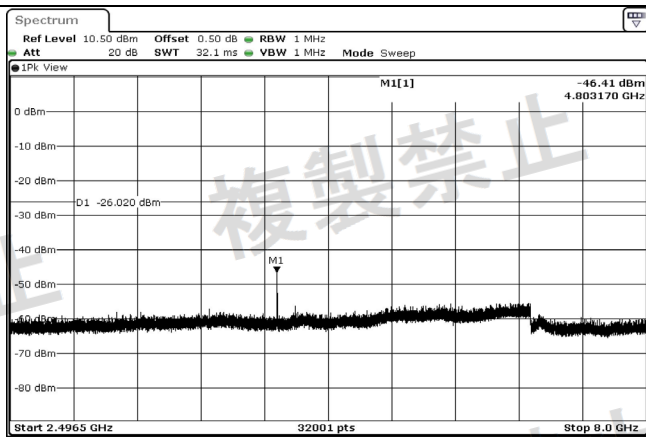
Date: 10.APR.2025 20:39:50



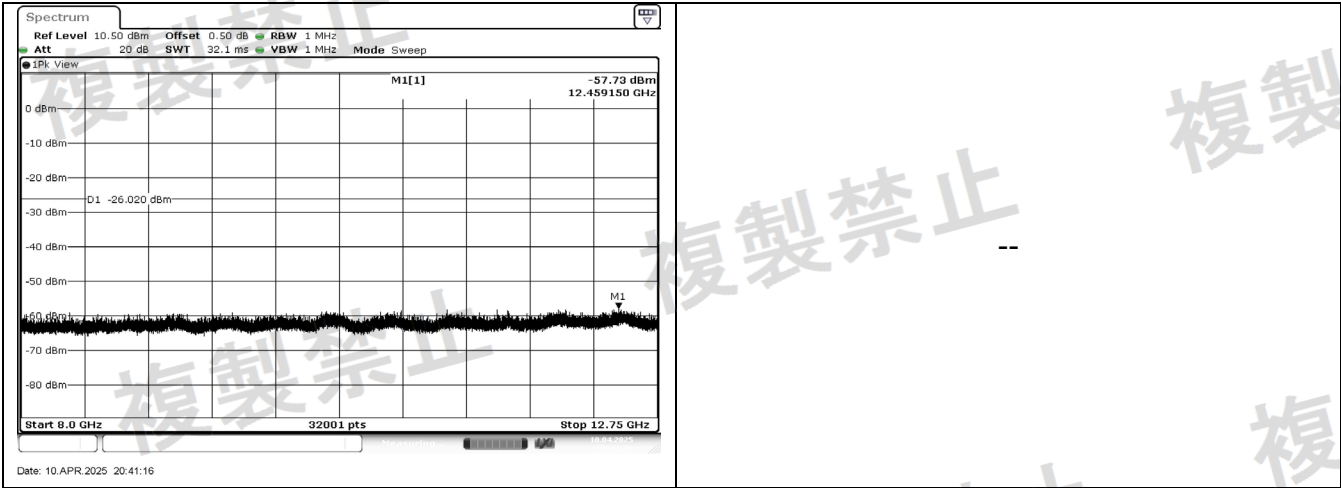
Date: 10.APR.2025 22:52:23

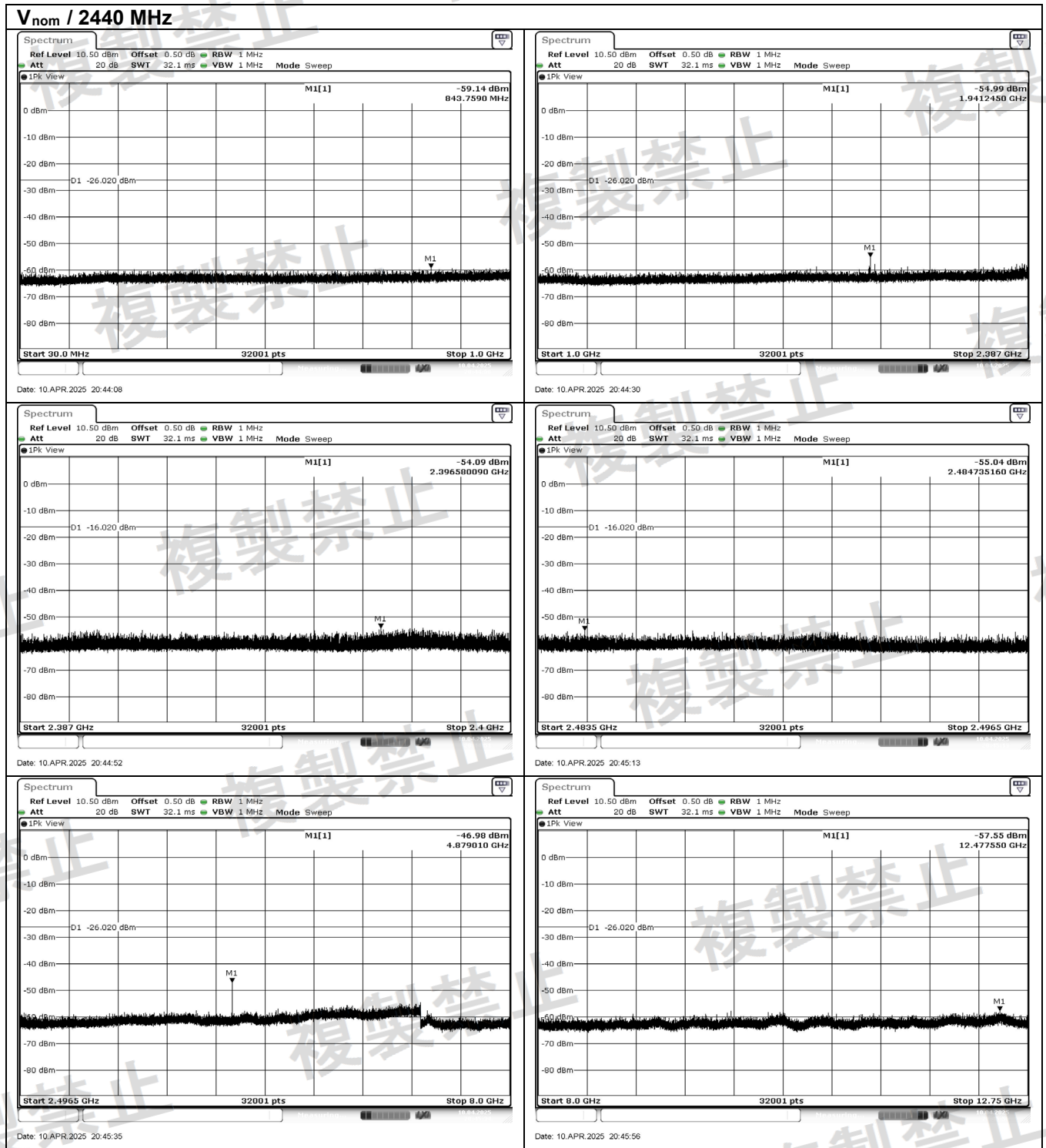


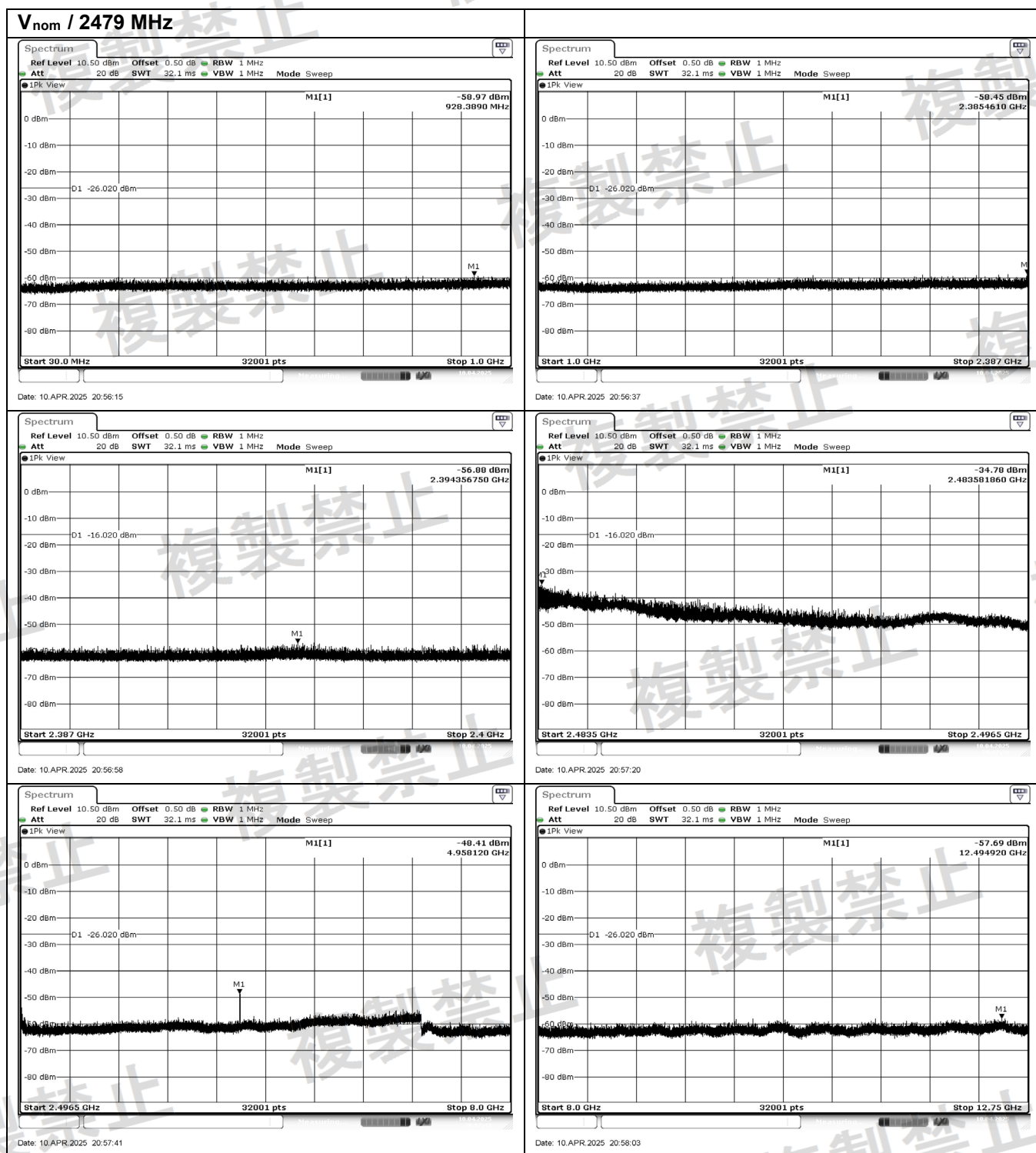
Date: 10.APR.2025 20:40:33

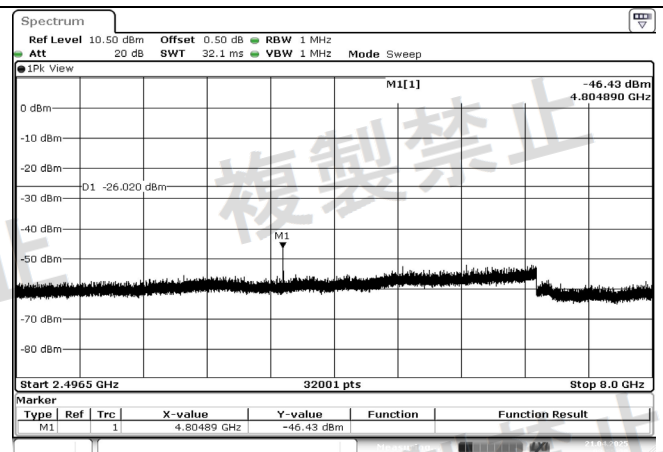
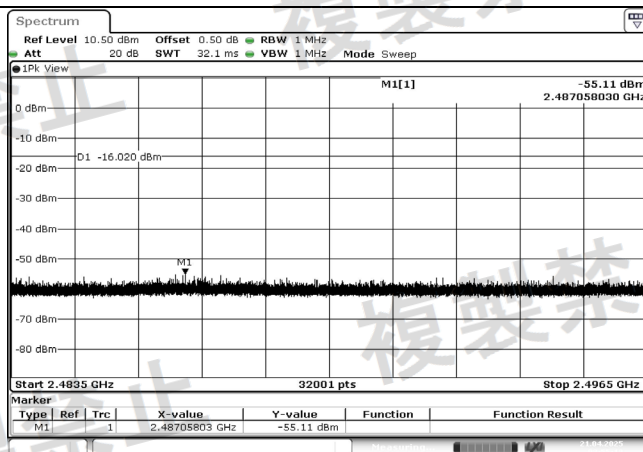
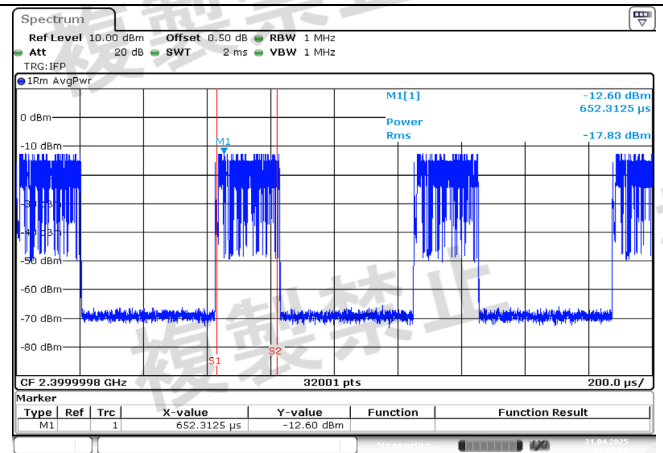
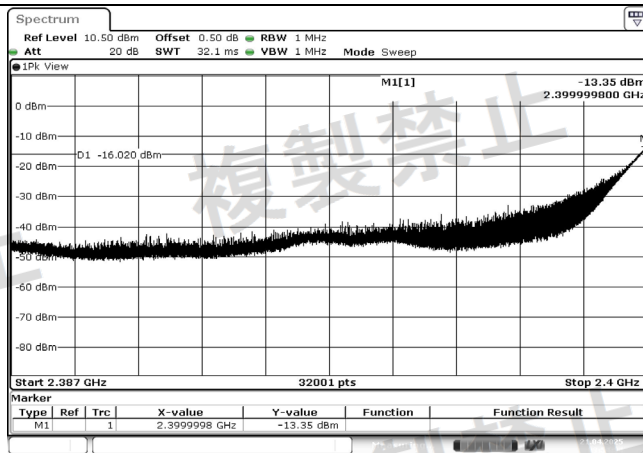
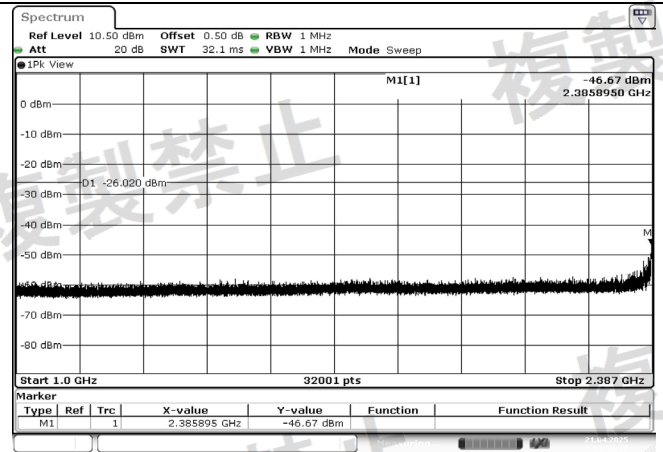
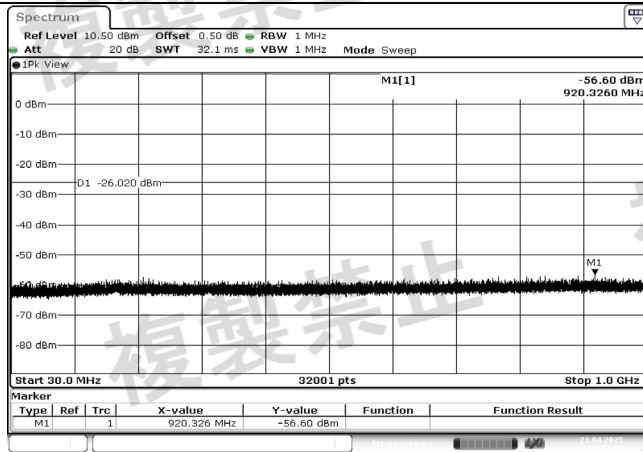


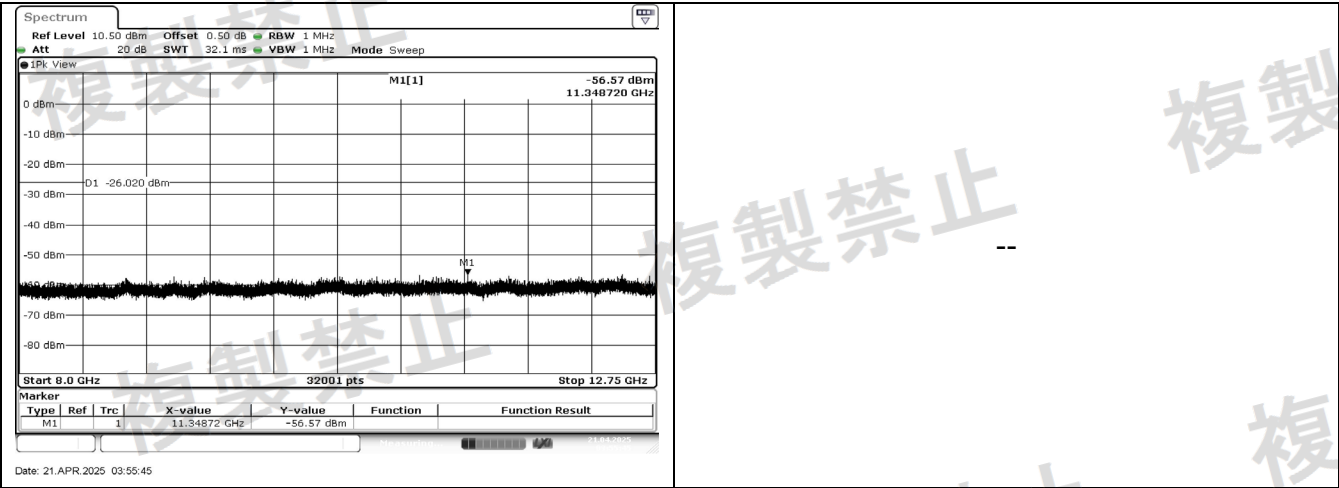
Date: 10.APR.2025 20:40:55

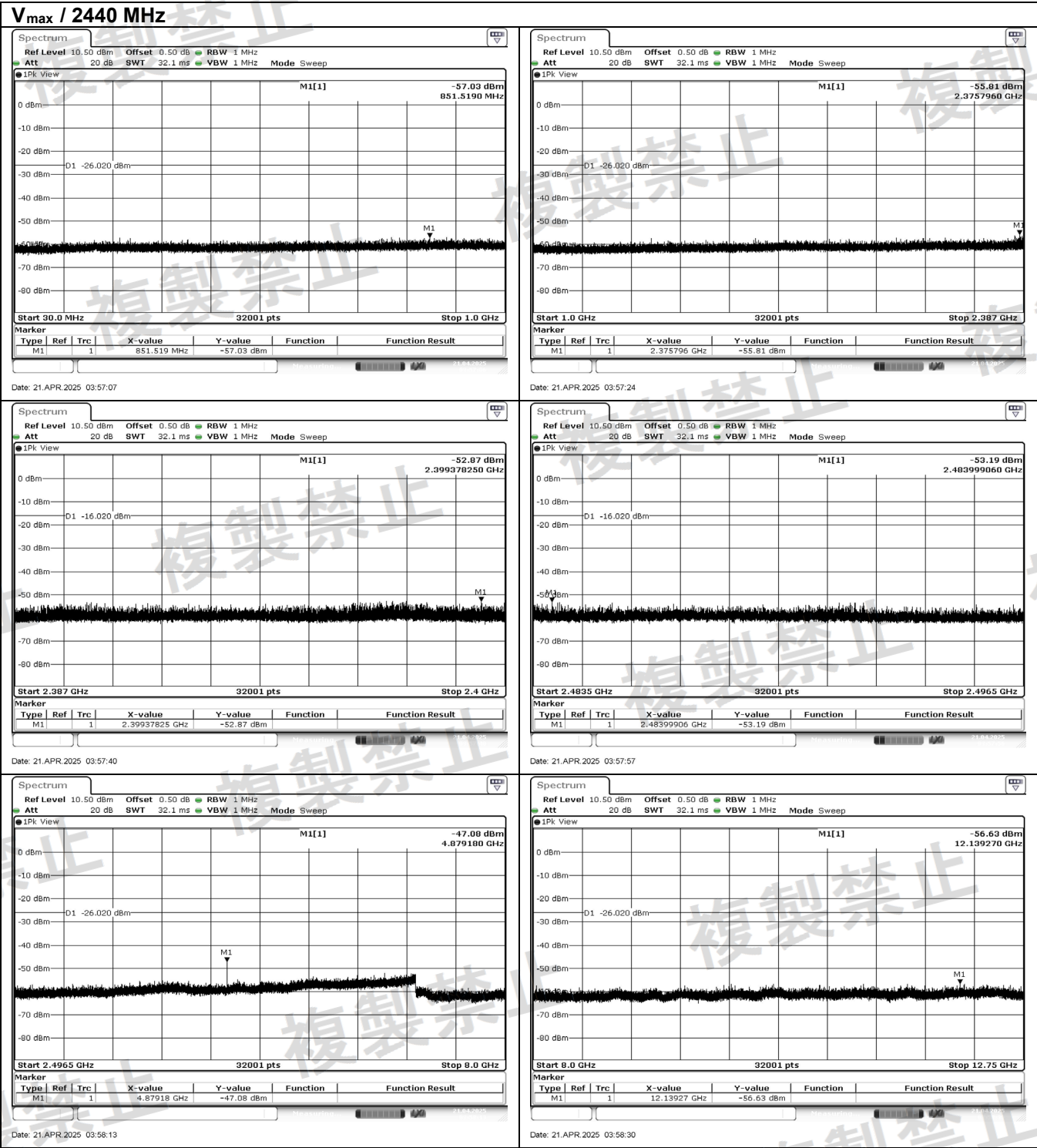


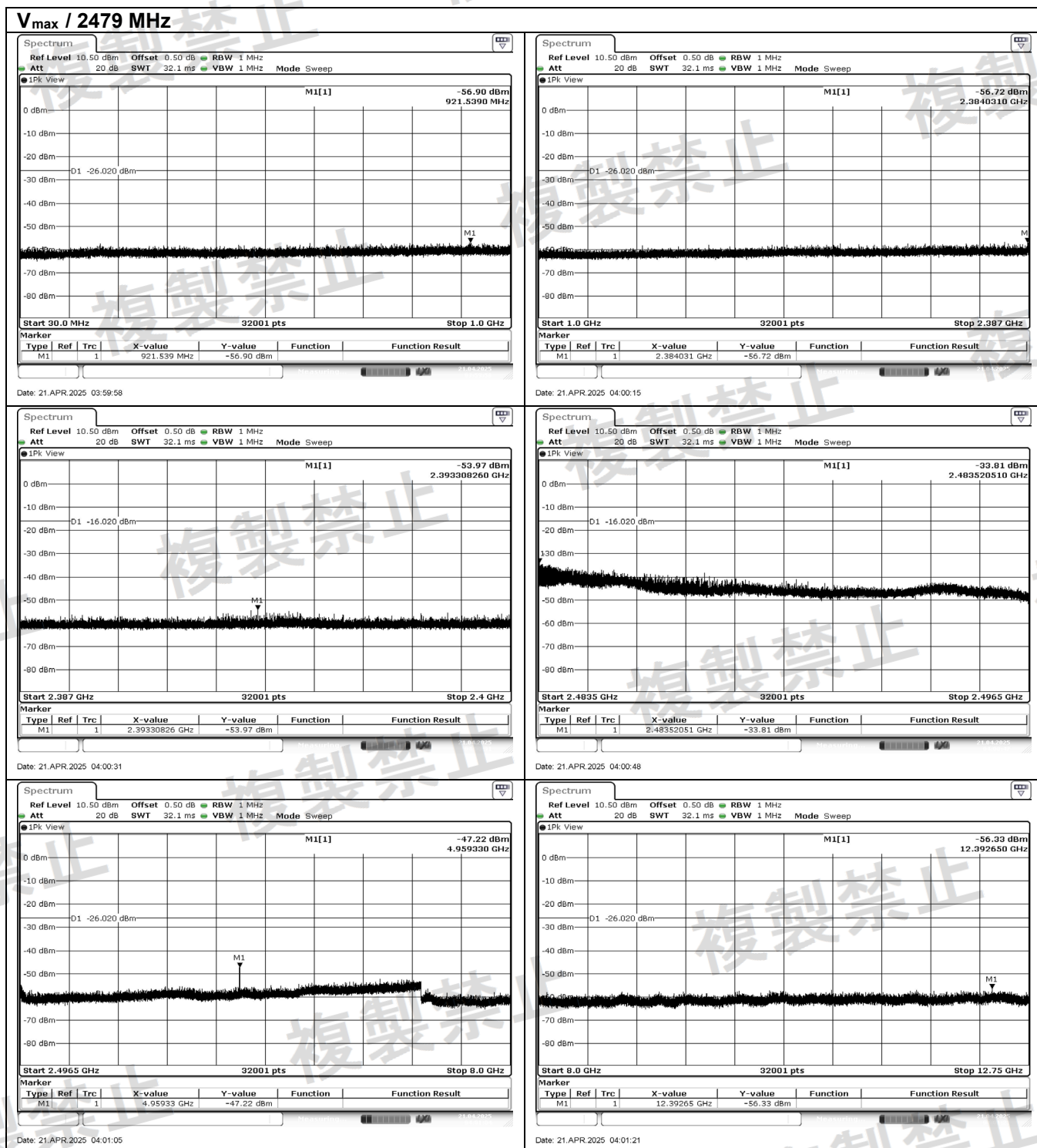


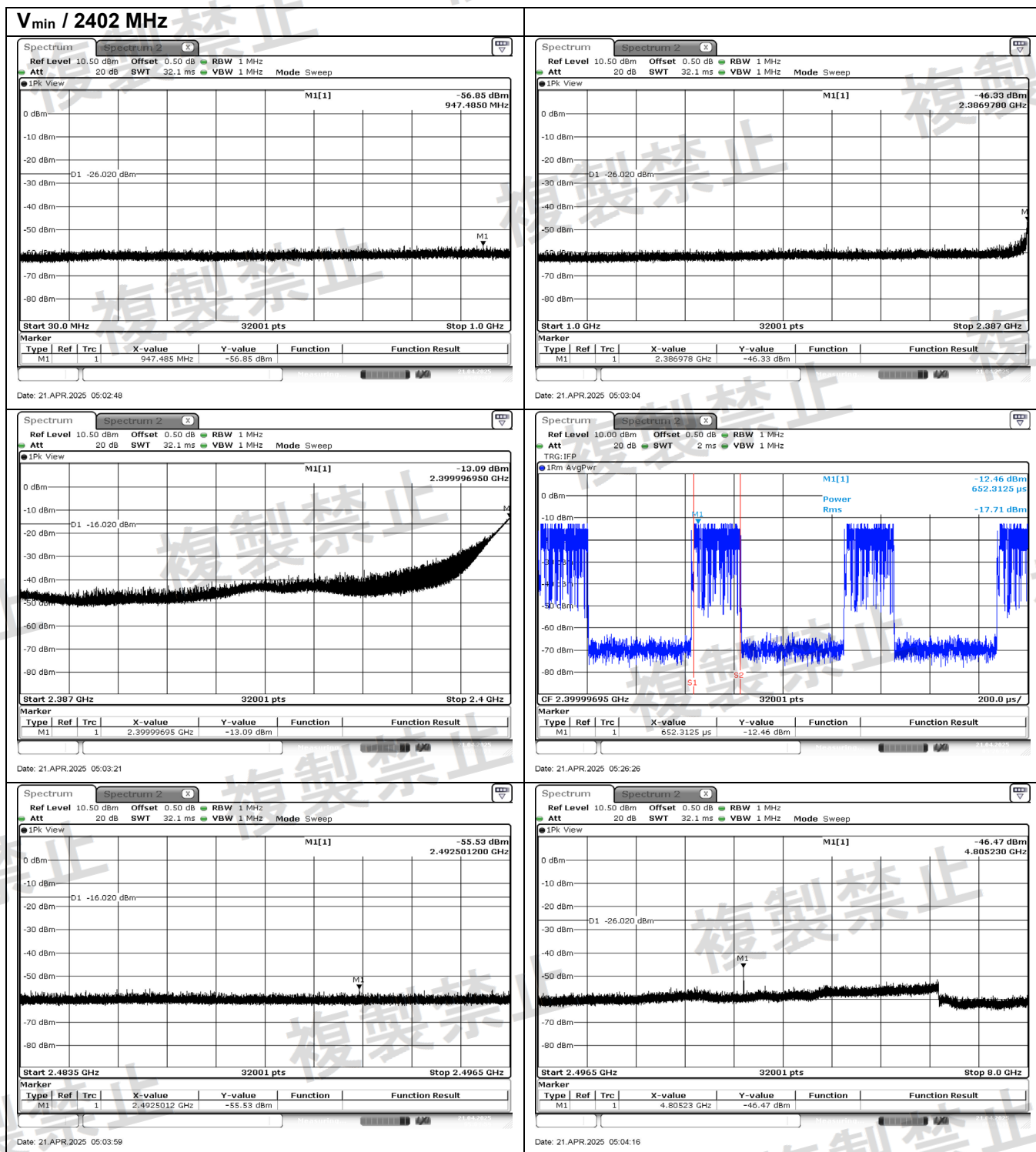


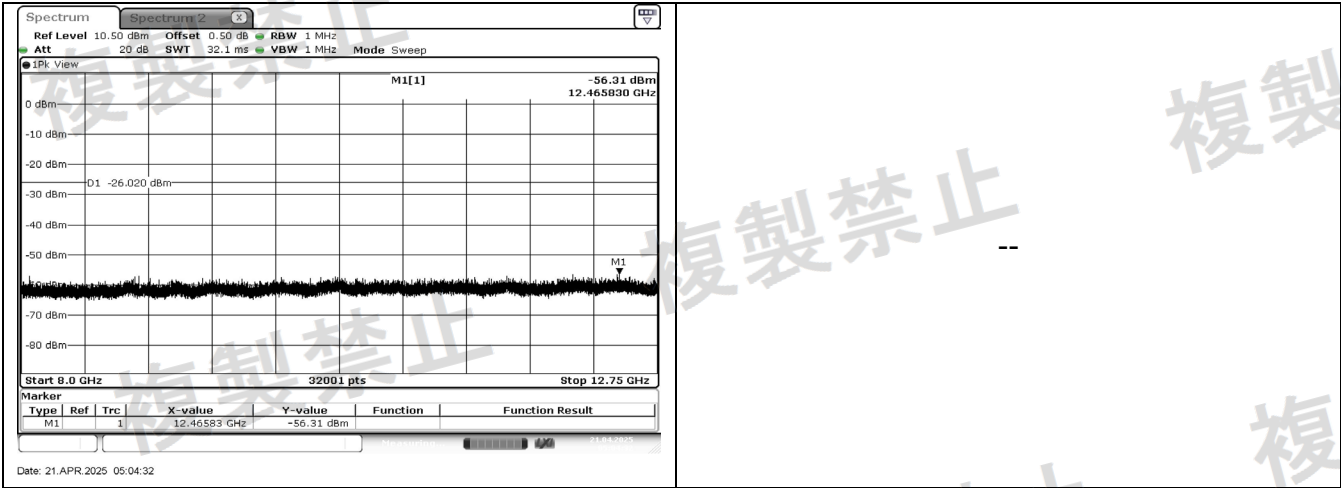
V_{max} / 2402 MHz

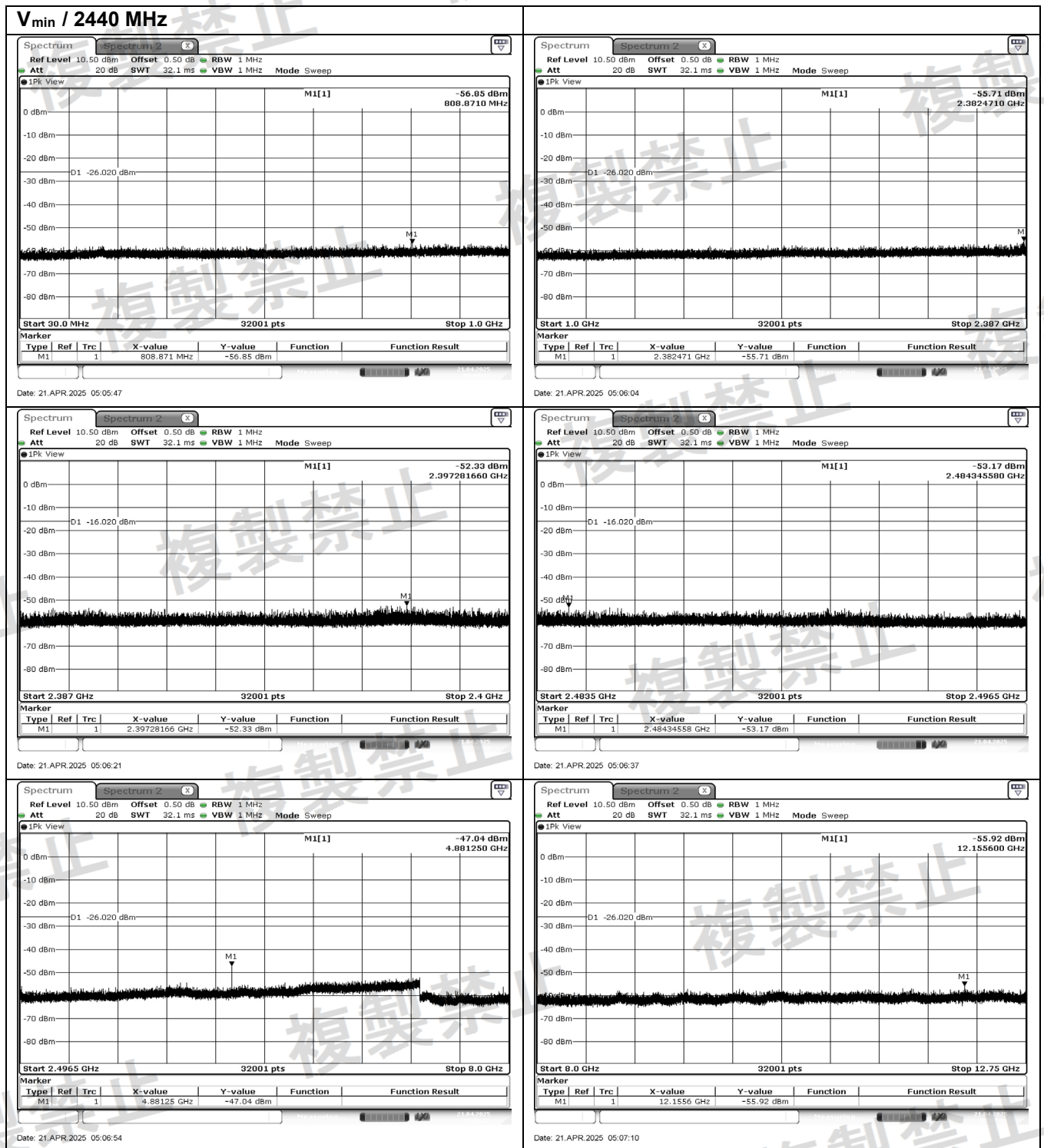


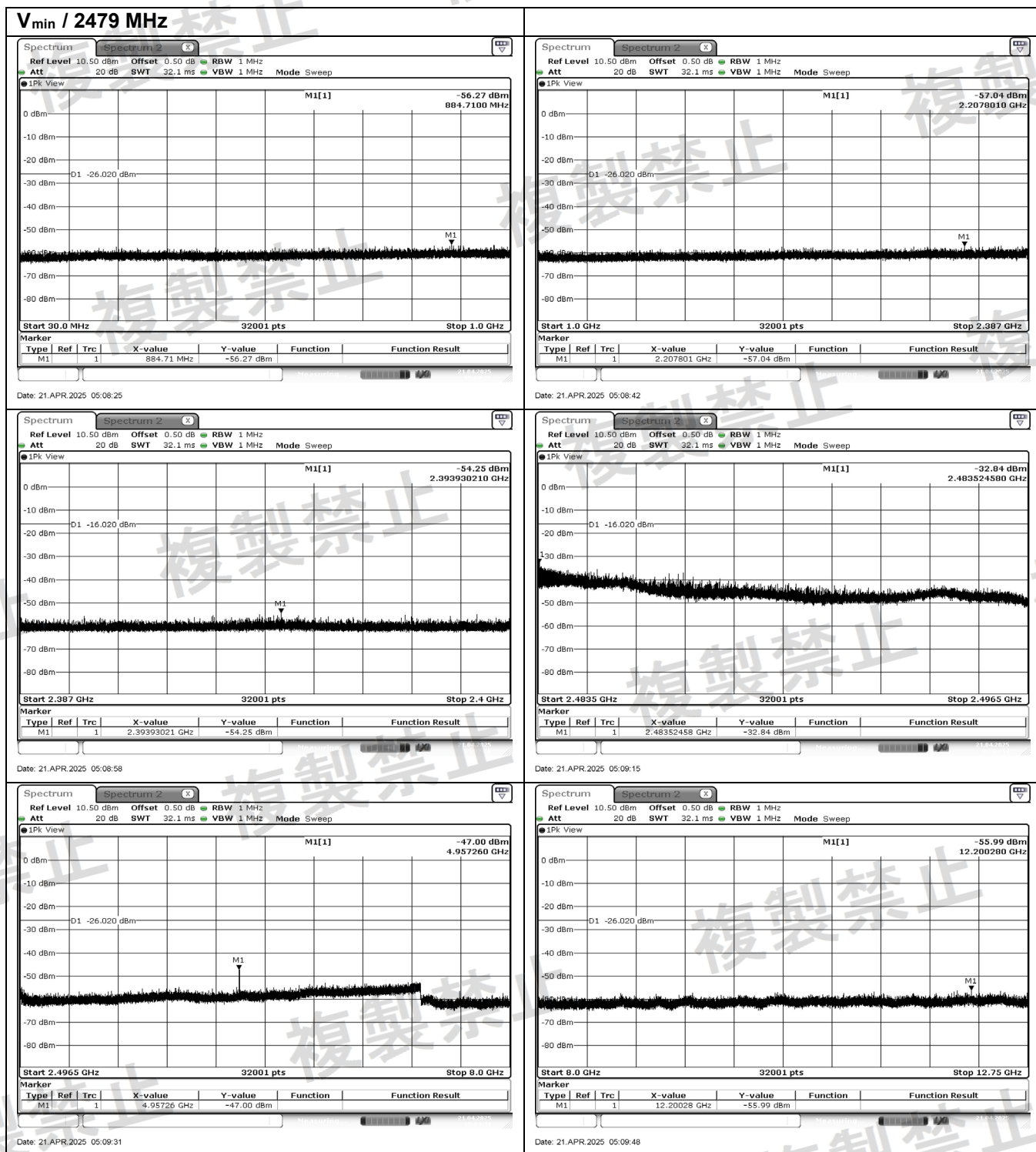




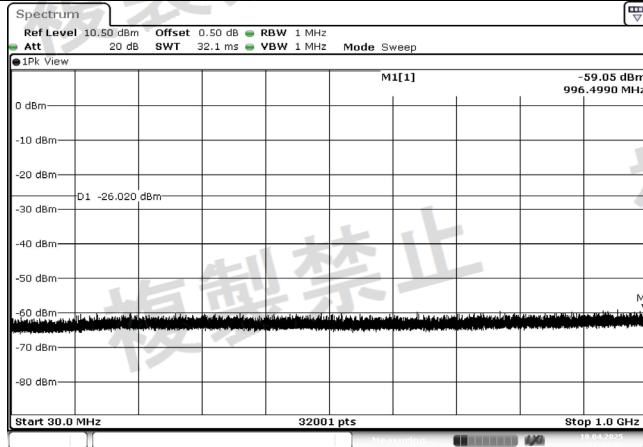




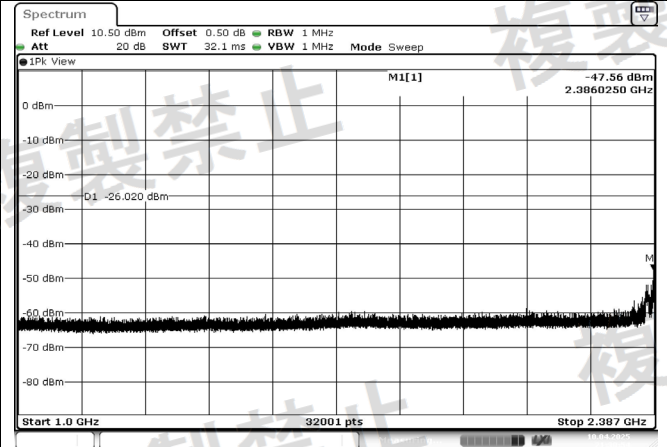




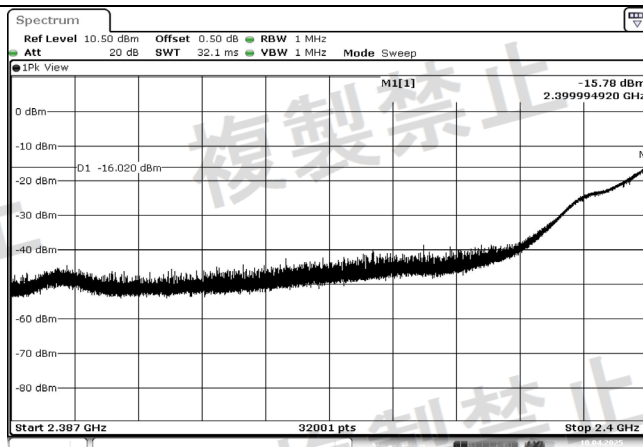
4 Mbps

V_{nom} / 2403 MHz

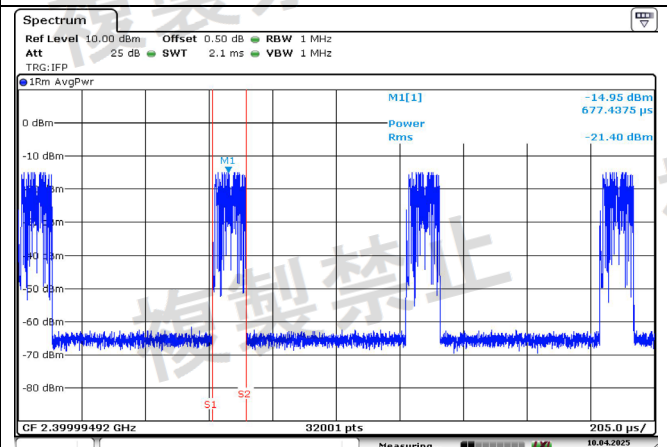
Date: 10.APR.2025 21:30:32



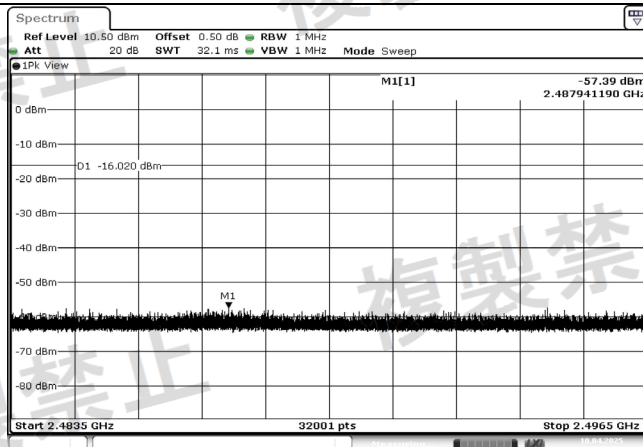
Date: 10.APR.2025 21:30:54



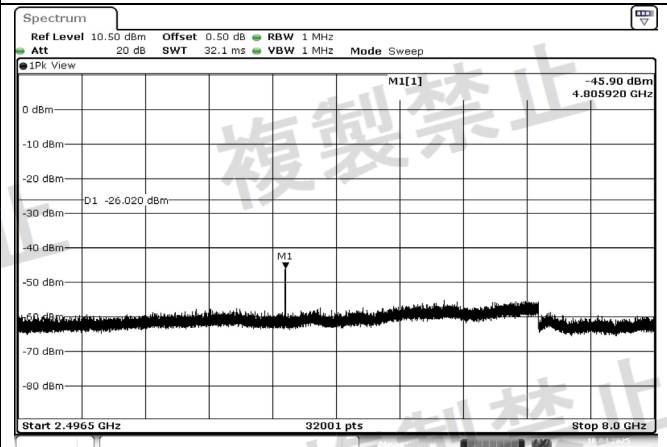
Date: 10.APR.2025 21:31:16



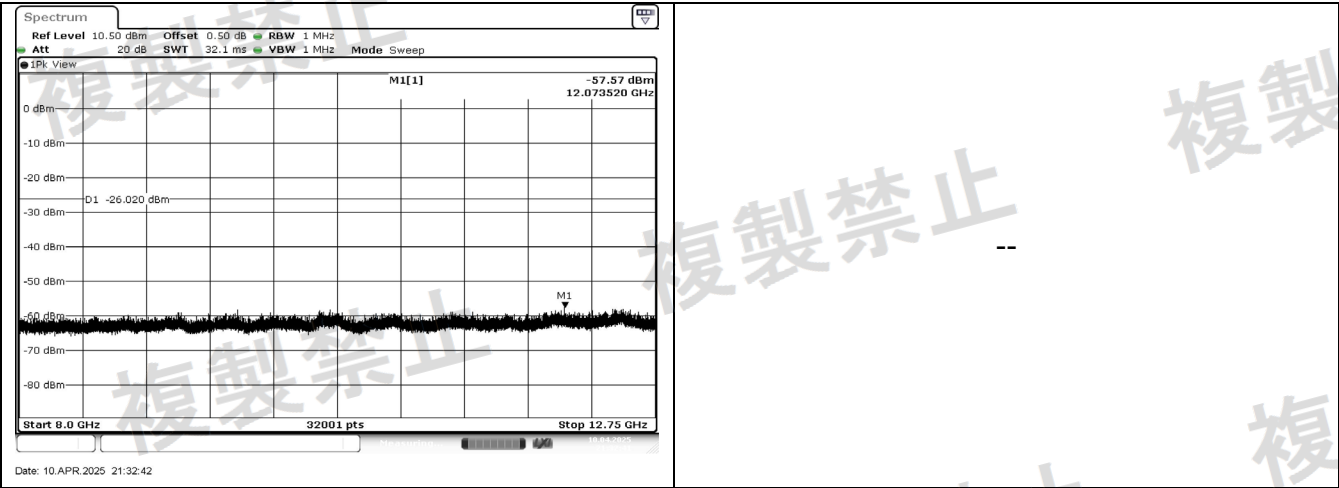
Date: 10.APR.2025 23:35:06

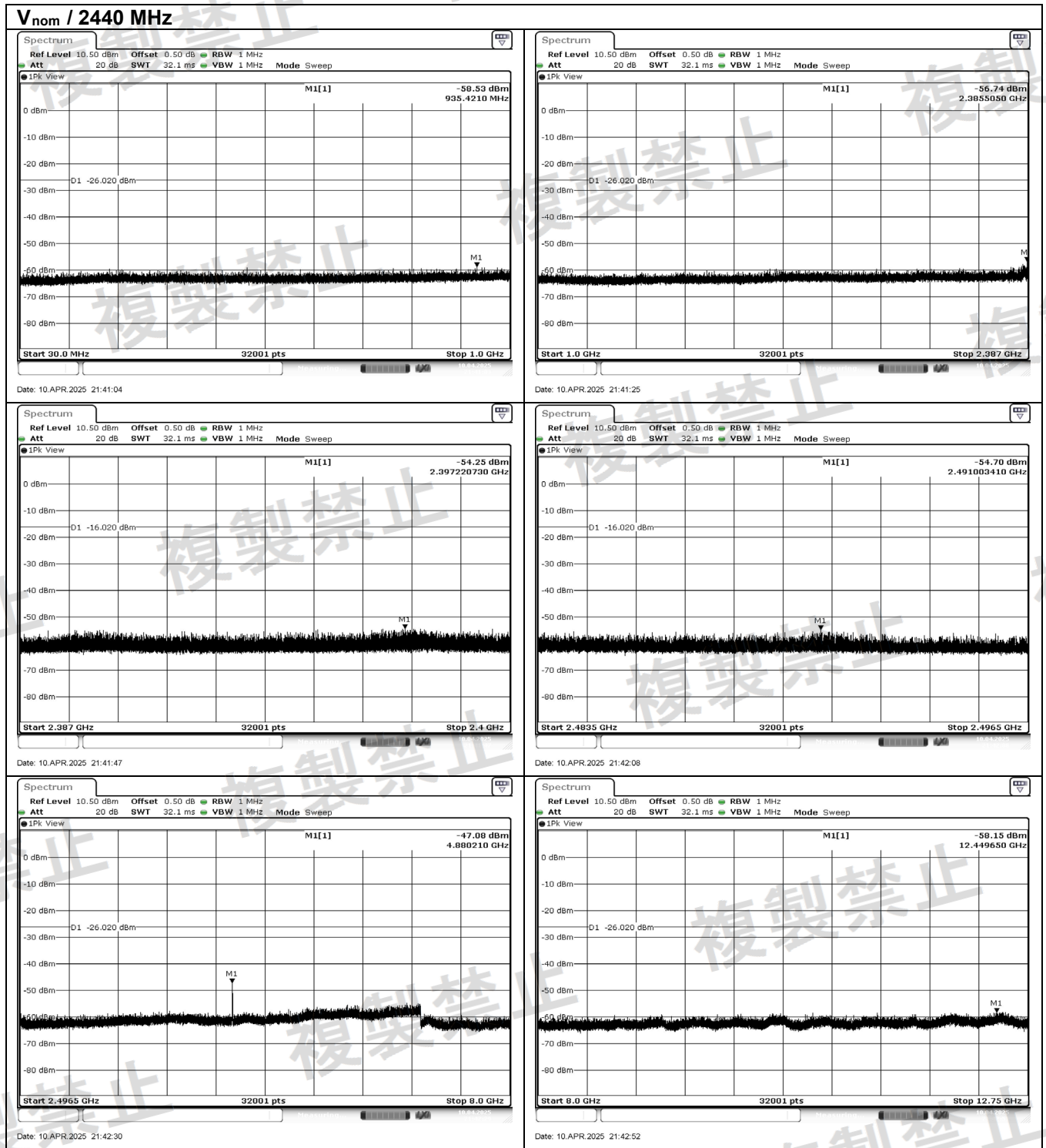


Date: 10.APR.2025 21:31:59

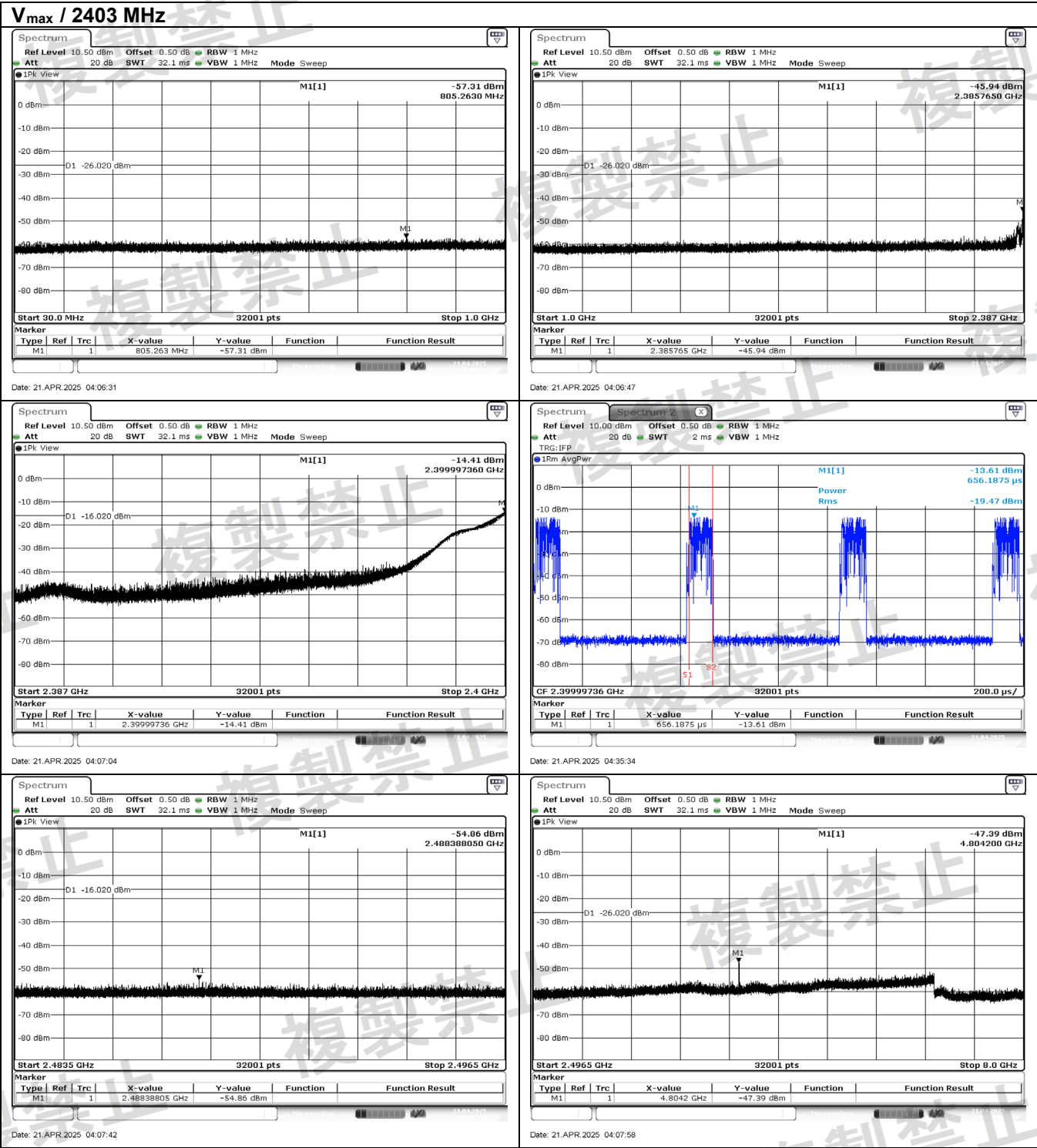


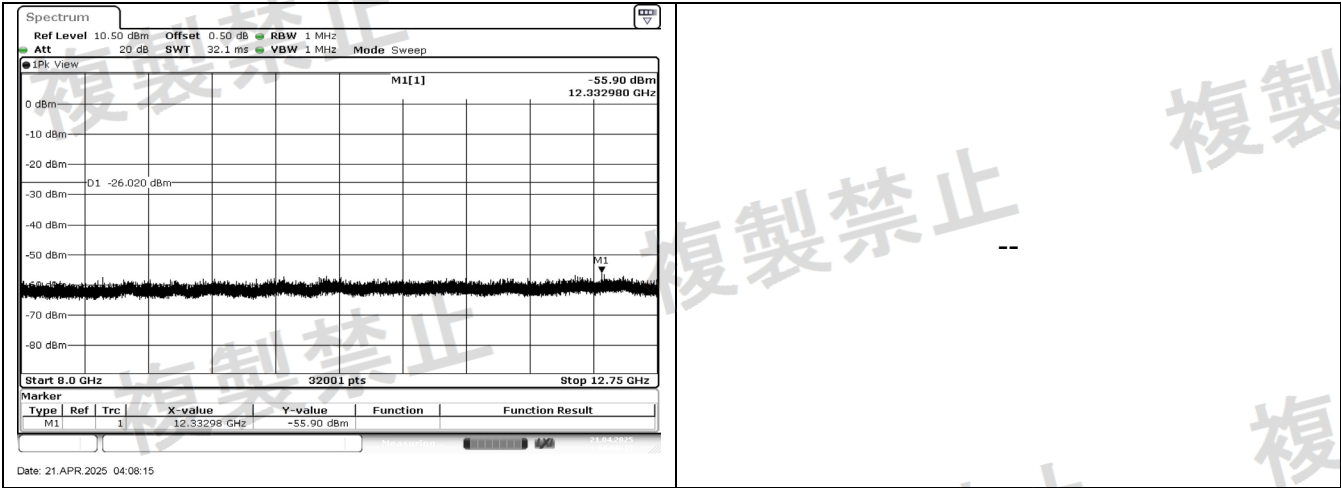
Date: 10.APR.2025 21:32:20

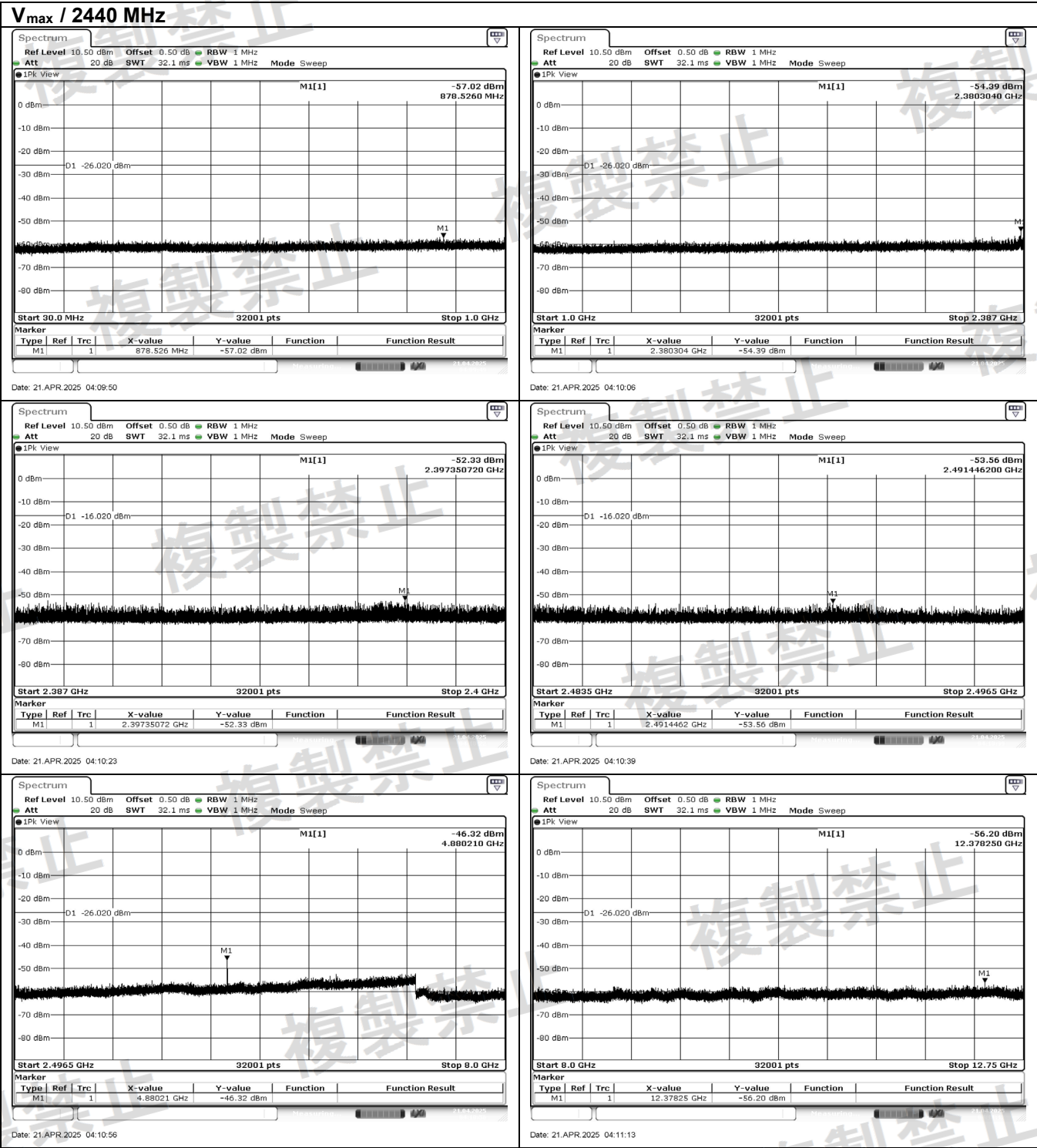


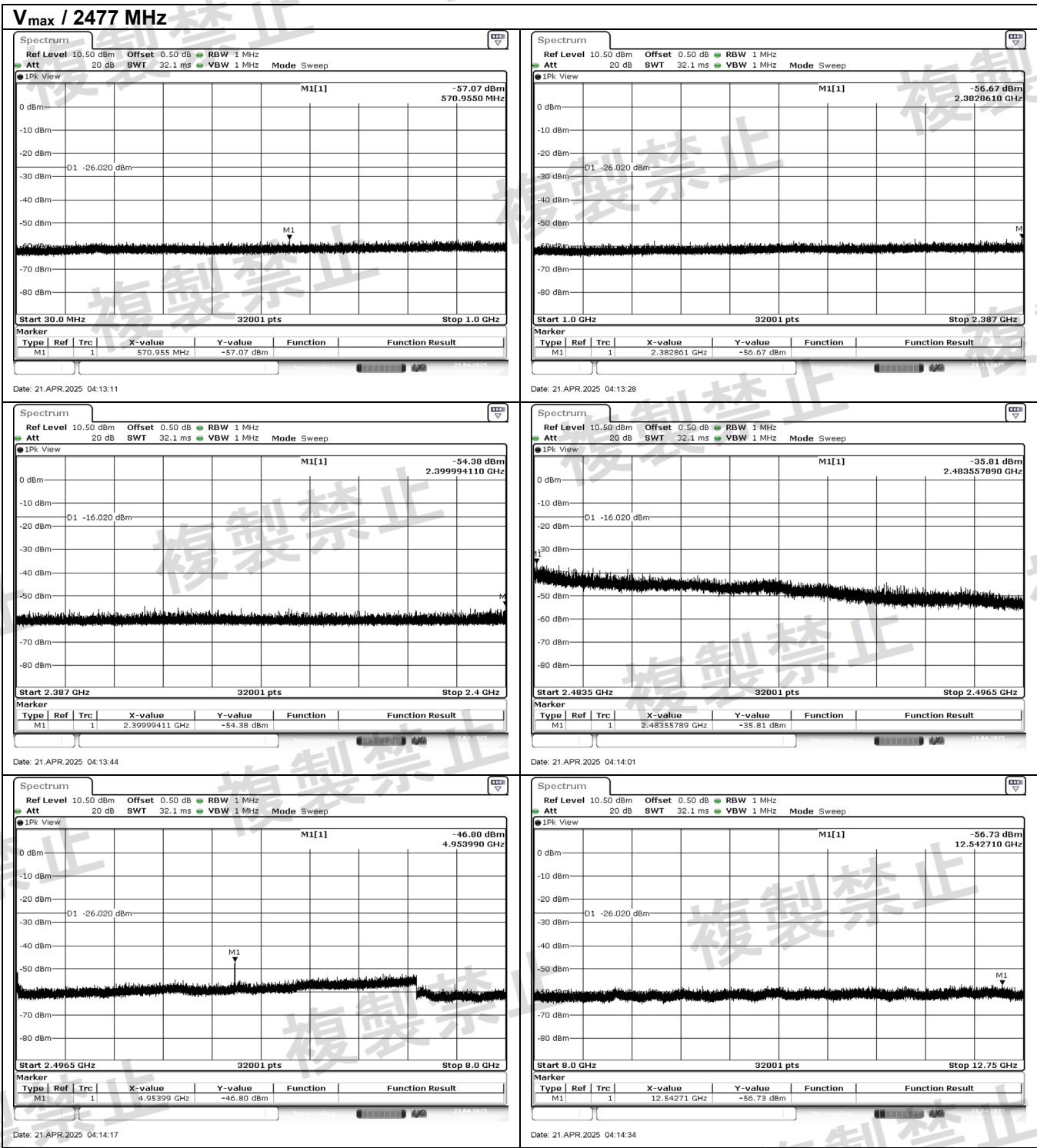


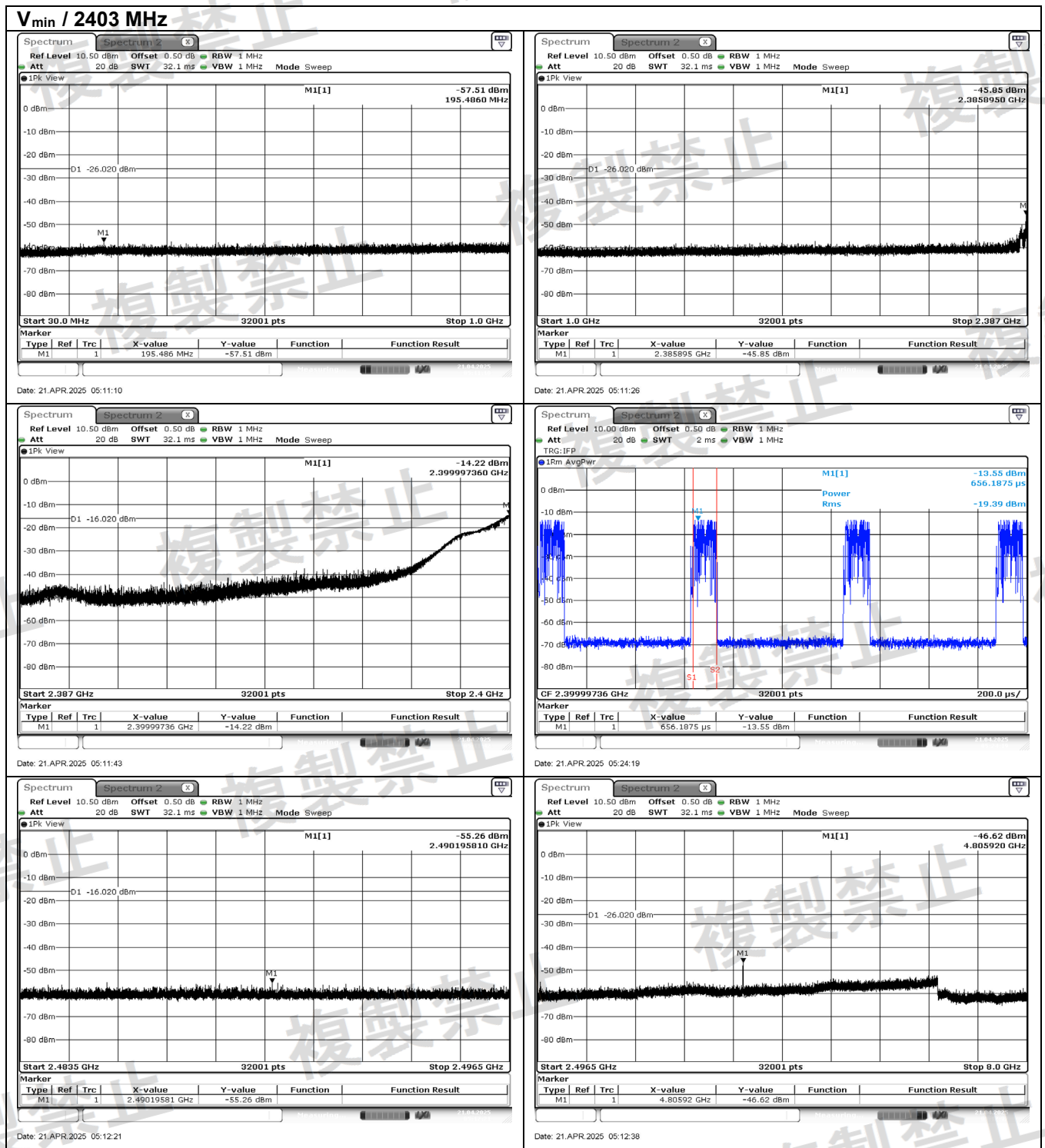


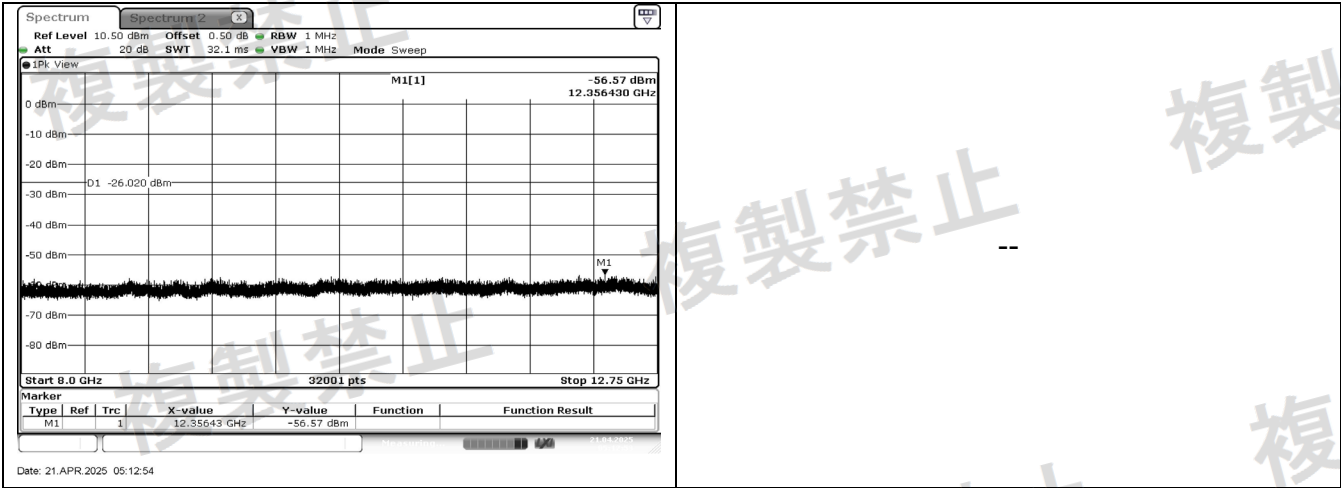


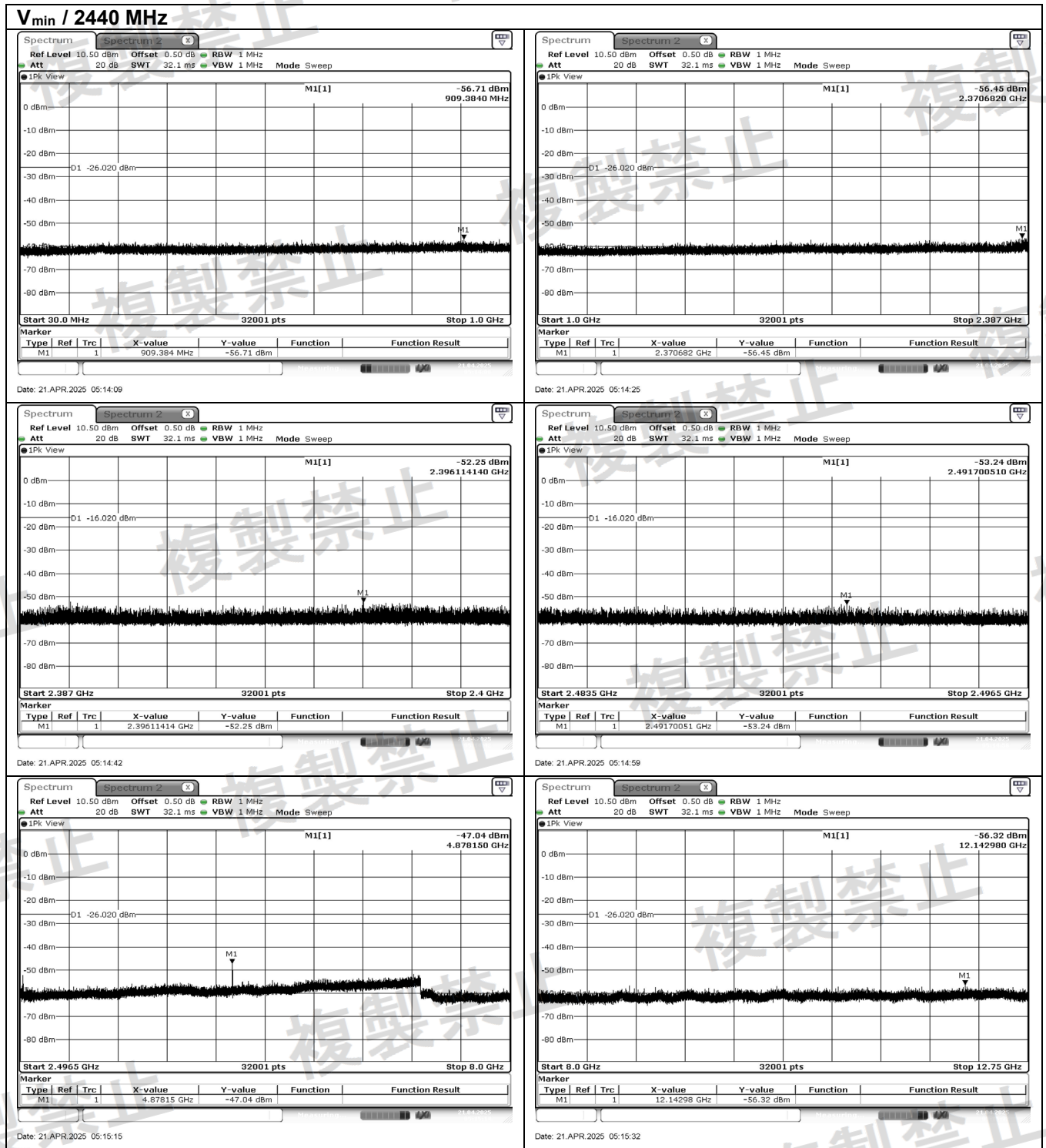


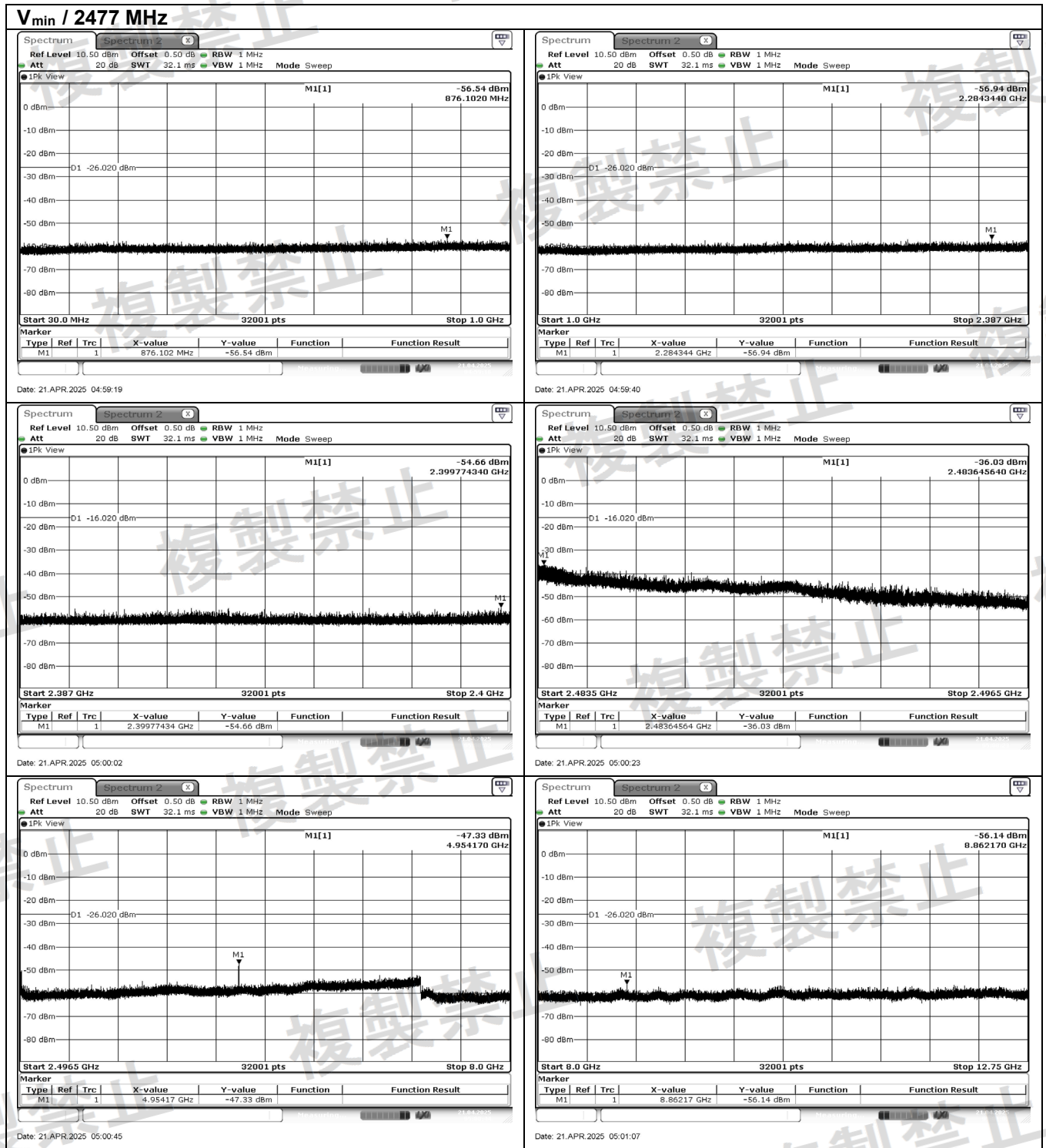












Appendix E. Test Result of Receiver Spurious Emissions

2 Mbps

V_{nom}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2402	30 - 1000	857.95	0.011482	4
	1000 - 3000	2890.47	0.012853	20
	3000 - 8000	6880.89	0.040365	20
	8000 - 12750	12575.07	0.016672	20
2440	30 - 1000	990.19	0.012503	4
	1000 - 3000	1638.51	0.012942	20
	3000 - 8000	6910.27	0.034277	20
	8000 - 12750	12161.09	0.018155	20
2479	30 - 1000	922.51	0.011561	4
	1000 - 3000	2966.60	0.012106	20
	3000 - 8000	6653.09	0.031623	20
	8000 - 12750	12612.33	0.016218	20

V_{max}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2402	30 - 1000	716.69	0.025410	4
	1000 - 3000	2525.30	0.023067	20
	3000 - 8000	6998.70	0.085310	20
	8000 - 12750	12266.33	0.022646	20
2440	30 - 1000	941.45	0.022080	4
	1000 - 3000	2846.54	0.017947	20
	3000 - 8000	6843.24	0.059156	20
	8000 - 12750	11259.66	0.022961	20
2479	30 - 1000	808.57	0.018707	4
	1000 - 3000	2997.09	0.018793	20
	3000 - 8000	6990.42	0.081096	20
	8000 - 12750	11601.50	0.022542	20

V_{min}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2402	30 - 1000	195.82	0.019143	4
	1000 - 3000	2830.35	0.020606	20
	3000 - 8000	6992.92	0.060117	20
	8000 - 12750	11660.28	0.022387	20
2440	30 - 1000	456.35	0.018197	4
	1000 - 3000	2722.67	0.021627	20
	3000 - 8000	6927.46	0.066834	20
	8000 - 12750	12452.47	0.024210	20
2479	30 - 1000	775.38	0.020045	4
	1000 - 3000	2857.60	0.018880	20
	3000 - 8000	6661.37	0.059429	20
	8000 - 12750	11735.24	0.024889	20

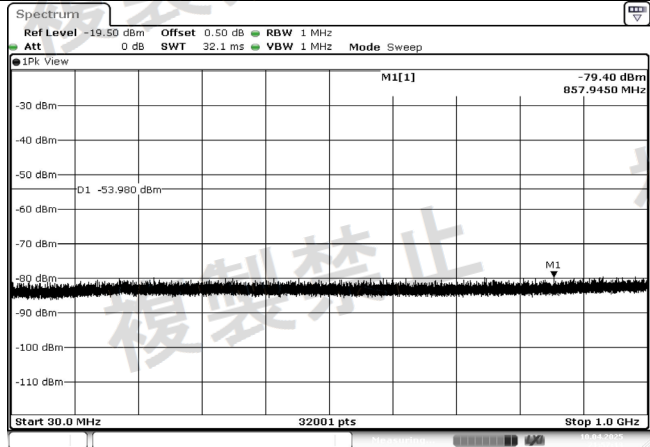
4 Mbps

V_{nom}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2403	30 - 1000	981.80	0.011749	4
	1000 - 3000	2854.72	0.012794	20
	3000 - 8000	6839.02	0.033806	20
	8000 - 12750	12146.55	0.015885	20
2440	30 - 1000	995.11	0.011995	4
	1000 - 3000	2262.93	0.012246	20
	3000 - 8000	6130.45	0.034119	20
	8000 - 12750	10398.16	0.018323	20
2477	30 - 1000	975.37	0.012134	4
	1000 - 3000	2668.35	0.012942	20
	3000 - 8000	6932.92	0.030903	20
	8000 - 12750	10371.44	0.016482	20

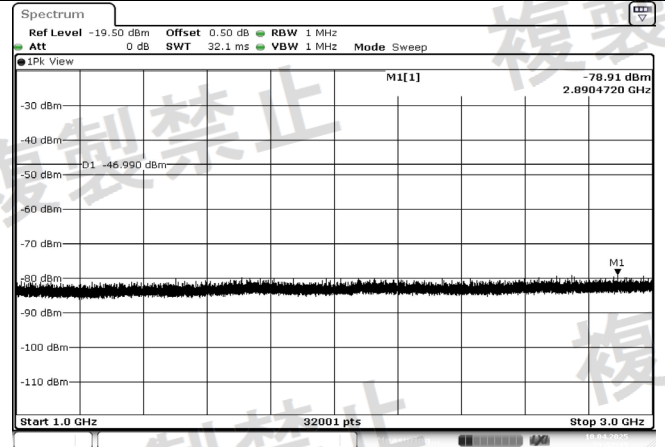
V_{max}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2403	30 - 1000	748.82	0.021878	4
	1000 - 3000	2935.41	0.018281	20
	3000 - 8000	6953.70	0.064417	20
	8000 - 12750	8814.97	0.027102	20
2440	30 - 1000	952.58	0.024946	4
	1000 - 3000	2974.47	0.018493	20
	3000 - 8000	6474.03	0.057280	20
	8000 - 12750	11075.31	0.025061	20
2477	30 - 1000	900.14	0.020184	4
	1000 - 3000	2140.62	0.019724	20
	3000 - 8000	6925.58	0.059841	20
	8000 - 12750	11095.64	0.021429	20

V_{min}				
Frequency (MHz)	Frequency Range (MHz)	Frequency (MHz)	Reading Value (nW)	Limit (nW)
2403	30 - 1000	777.62	0.019011	4
	1000 - 3000	2877.29	0.019907	20
	3000 - 8000	6954.17	0.064714	20
	8000 - 12750	11612.34	0.023714	20
2440	30 - 1000	857.88	0.018072	4
	1000 - 3000	2897.41	0.018197	20
	3000 - 8000	6992.45	0.064417	20
	8000 - 12750	9421.76	0.021677	20
2477	30 - 1000	938.67	0.021577	4
	1000 - 3000	2971.22	0.019320	20
	3000 - 8000	6856.05	0.065163	20
	8000 - 12750	12432.13	0.027479	20

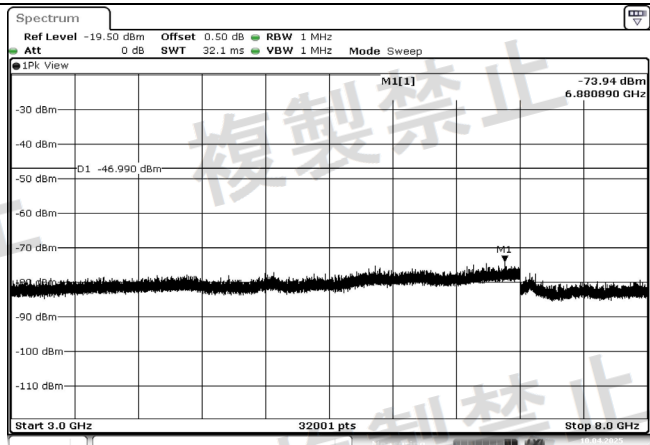
2 Mbps

V_{nom} / 2402 MHz

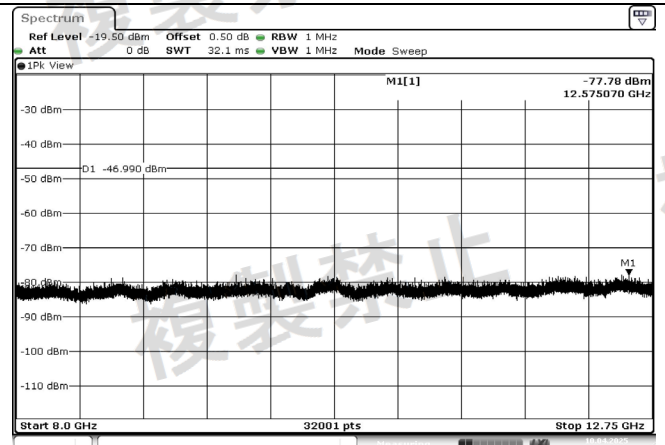
Date: 10.APR.2025 21:57:13



Date: 10.APR.2025 21:57:35



Date: 10.APR.2025 21:57:57



Date: 10.APR.2025 21:58:18

