

Appendix Test Data

Report No.:	1812C60286712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-26	Finish Test Date:	2026-5-29
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	25.8℃	Relative Humidity:	59%
Pressure:	101kPa		

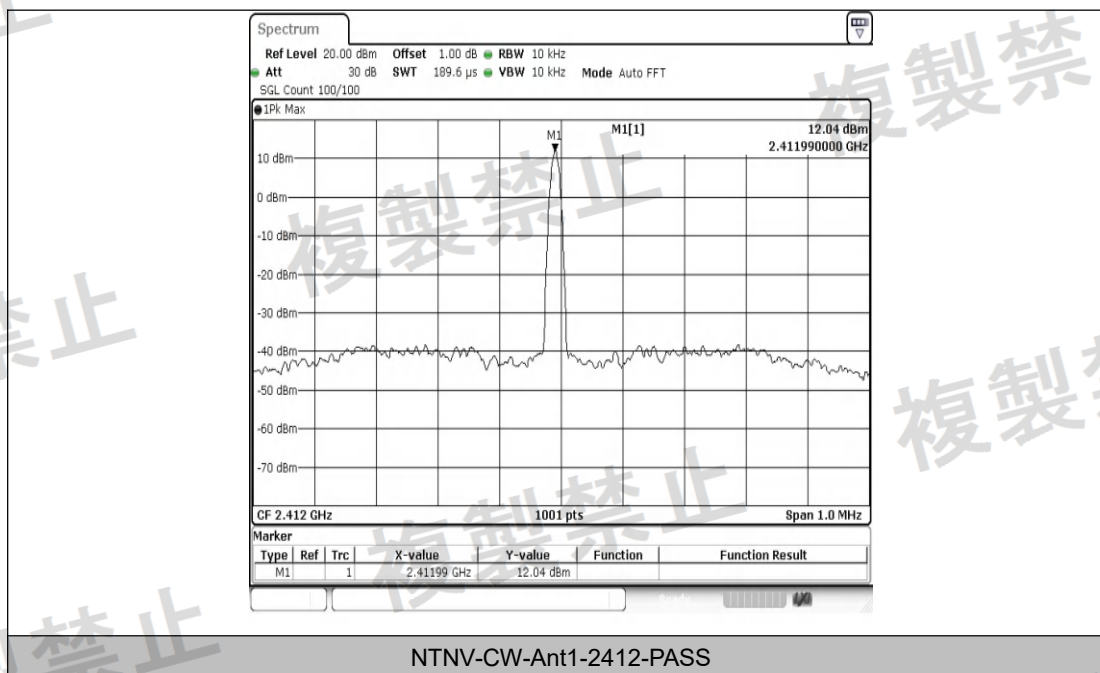
Appendix A: Frequency Error

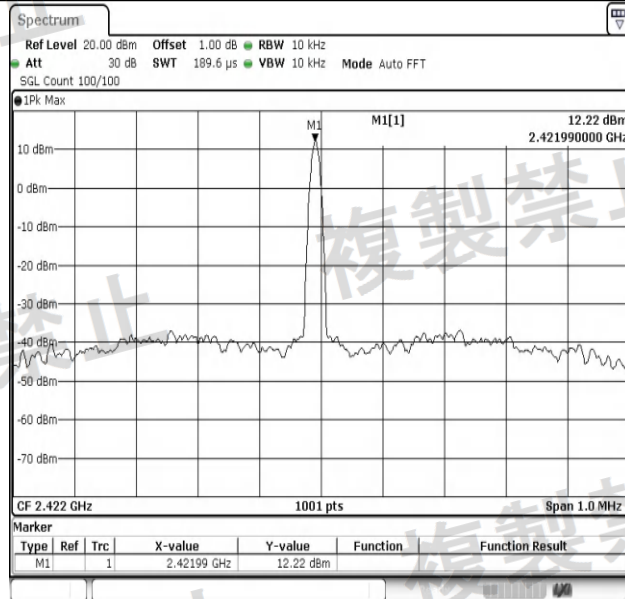
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Center Freq. [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	CW	Ant1	2412	2411.99	-4.14594	±50	PASS
NTNV	CW	Ant1	2422	2421.99	-4.12882	±50	PASS
NTNV	CW	Ant1	2442	2441.99	-4.09500	±50	PASS
NTNV	CW	Ant1	2462	2461.991	-3.65557	±50	PASS
NTNV	CW	Ant1	2472	2471.99	-4.04531	±50	PASS

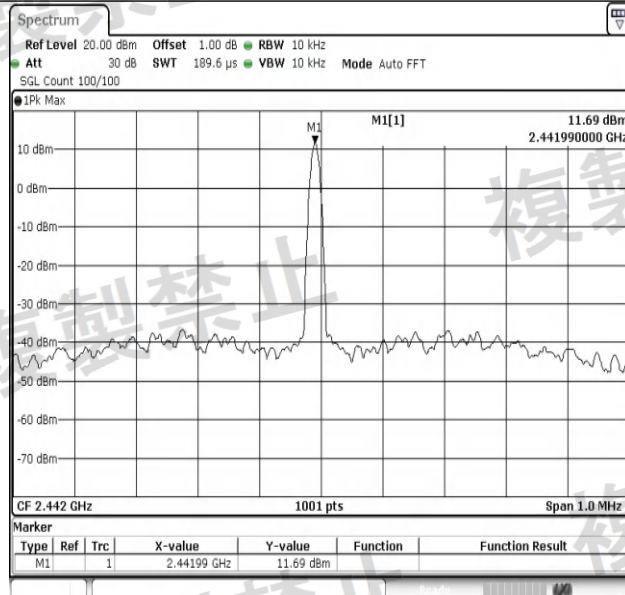
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000

Test Graphs



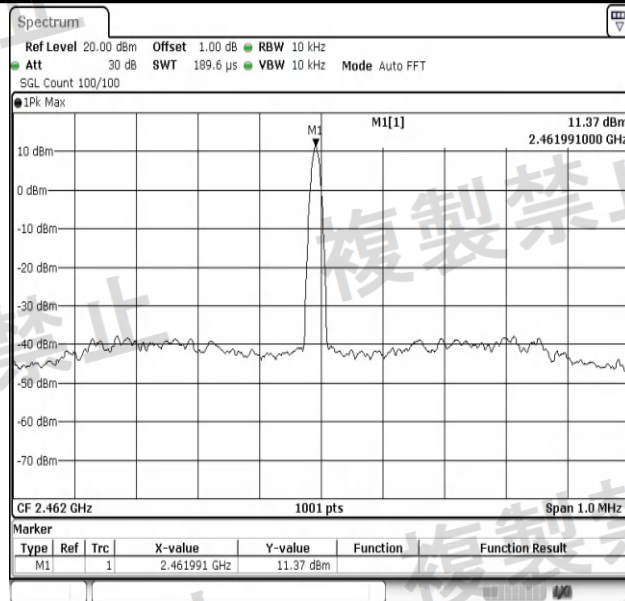


NTNV-CW-Ant1-2422-PASS



NTNV-CW-Ant1-2442-PASS





NTNV-CW-Ant1-2462-PASS



NTNV-CW-Ant1-2472-PASS



Appendix B: Antenna Power

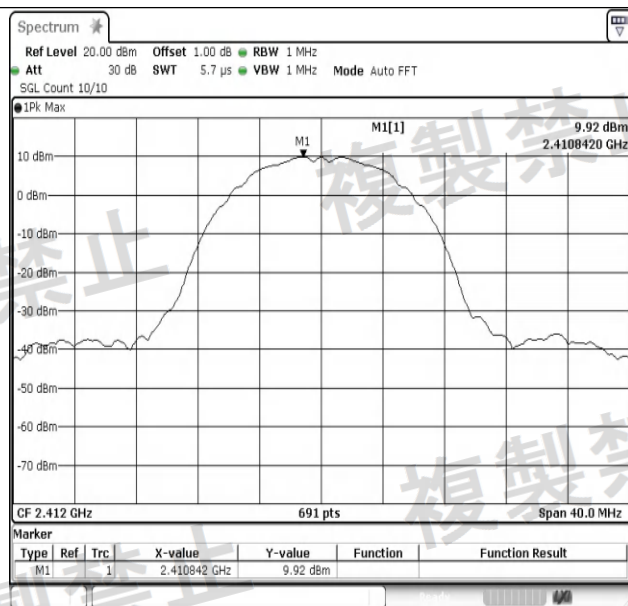
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Result [mW/MHz]	Limit [mW/MHz]	Verdict
NTNV	11B	Ant1	2412	6.48	4.4463	≤10	PASS
NTNV	11B	Ant1	2442	6.69	4.6666	≤10	PASS
NTNV	11B	Ant1	2472	6.16	4.1305	≤10	PASS
NTNV	11G	Ant1	2412	5.88	3.8726	≤10	PASS
NTNV	11G	Ant1	2442	6.19	4.1591	≤10	PASS
NTNV	11G	Ant1	2472	5.85	3.8459	≤10	PASS
NTNV	11N20SISO	Ant1	2412	4.82	3.0339	≤10	PASS
NTNV	11N20SISO	Ant1	2442	5.16	3.2810	≤10	PASS
NTNV	11N20SISO	Ant1	2472	4.38	2.7416	≤10	PASS
NTNV	11N40SISO	Ant1	2422	2.16	1.6444	≤5	PASS
NTNV	11N40SISO	Ant1	2442	2.64	1.8365	≤5	PASS
NTNV	11N40SISO	Ant1	2462	2.27	1.6866	≤5	PASS

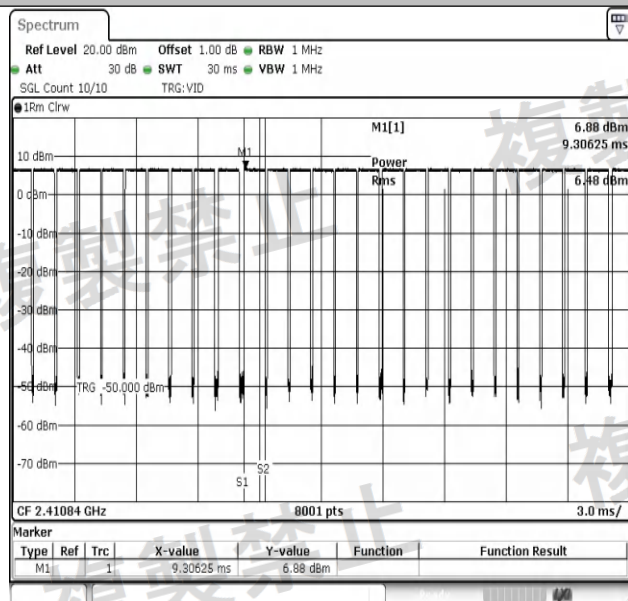
Test Condition	Test Mode	Antenna	Frequency [MHz]	Power [mW/MHz]	RatedPower [mW/MHz]	Result [%]	Limit [%]	Verdict
NTNV	11B	Ant1	2412	4.4463	5	-11.07	+20	PASS
NTNV	11B	Ant1	2442	4.6666	5	-6.67	+20	PASS
NTNV	11B	Ant1	2472	4.1305	5	-17.39	+20	PASS
NTNV	11G	Ant1	2412	3.8726	5	-22.55	+20	PASS
NTNV	11G	Ant1	2442	4.1591	5	-16.82	+20	PASS
NTNV	11G	Ant1	2472	3.8459	5	-23.08	+20	PASS
NTNV	11N20SISO	Ant1	2412	3.0339	4	-24.15	+20	PASS
NTNV	11N20SISO	Ant1	2442	3.281	4	-17.98	+20	PASS
NTNV	11N20SISO	Ant1	2472	2.7416	4	-31.46	+20	PASS
NTNV	11N40SISO	Ant1	2422	1.6444	2	-17.78	+20	PASS
NTNV	11N40SISO	Ant1	2442	1.8365	2	-8.18	+20	PASS
NTNV	11N40SISO	Ant1	2462	1.6866	2	-15.67	+20	PASS

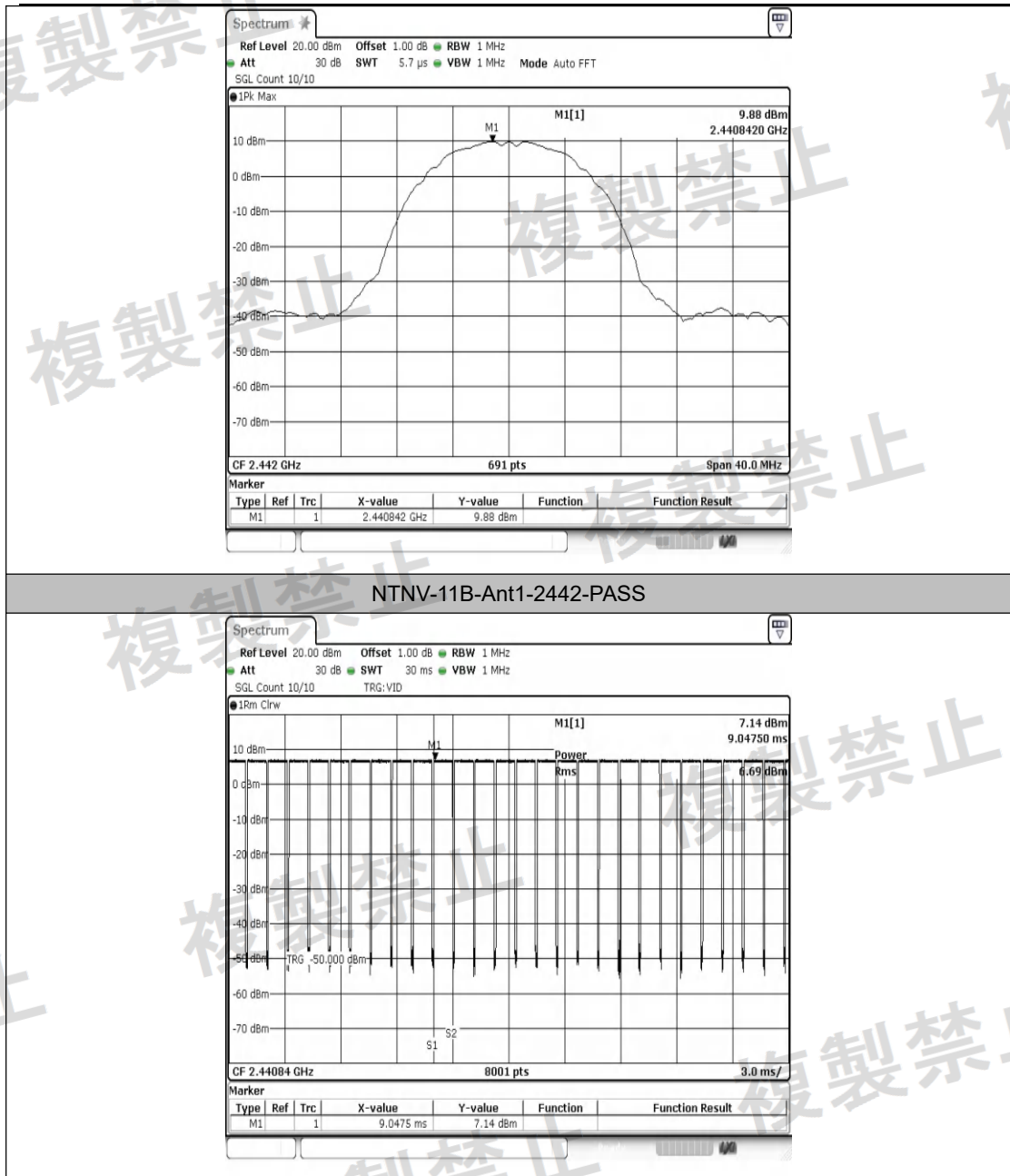


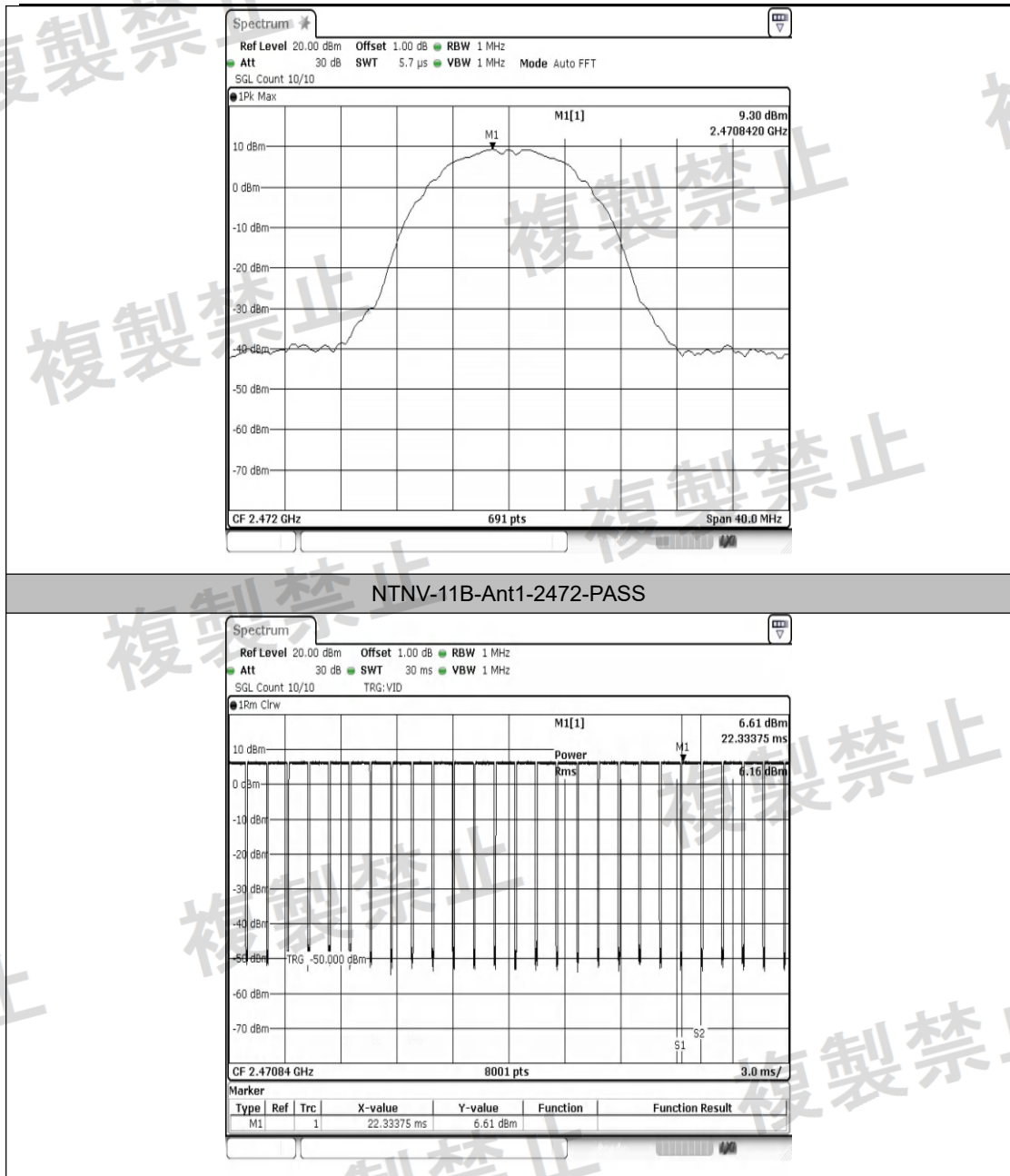
Test Graphs

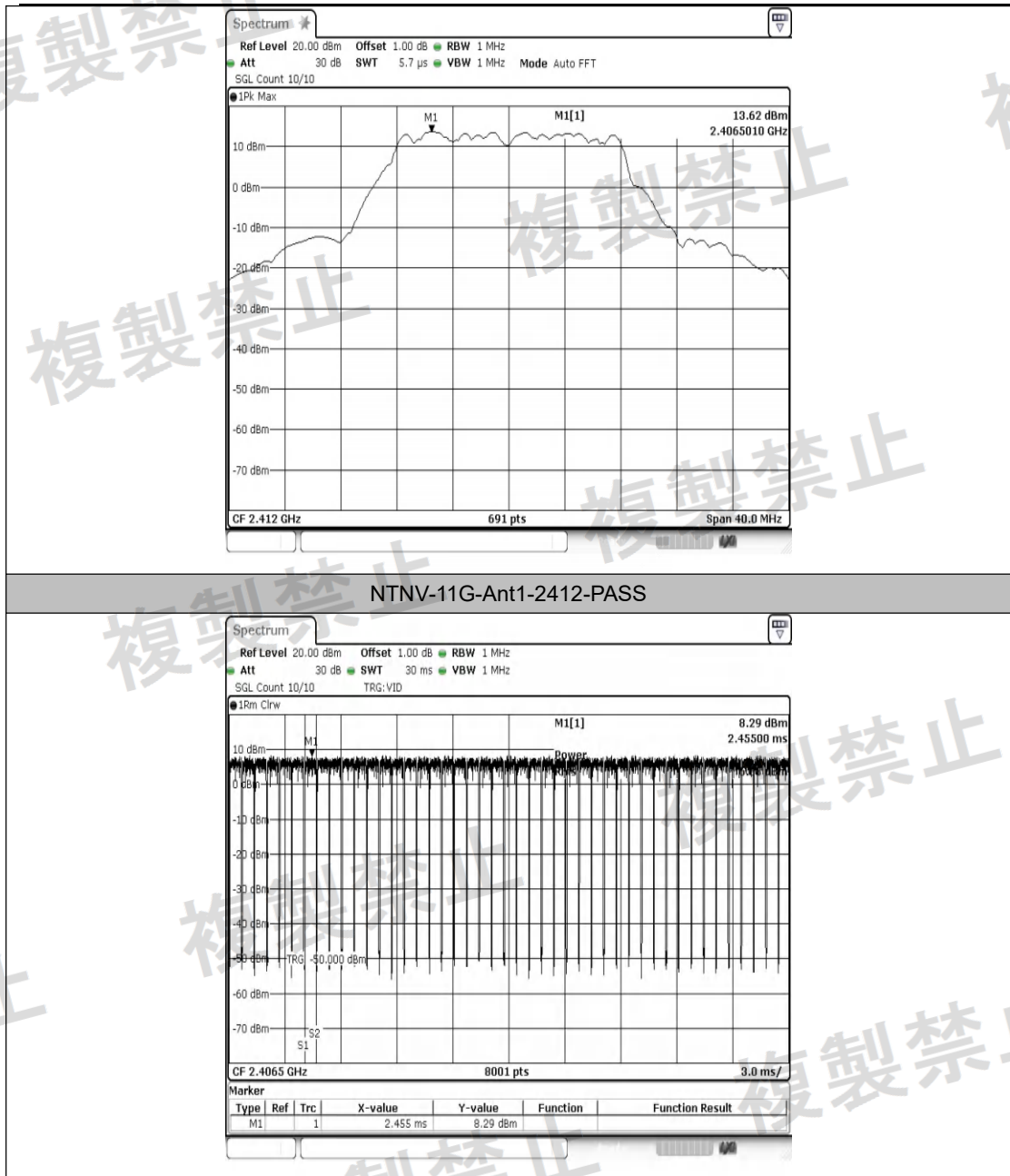


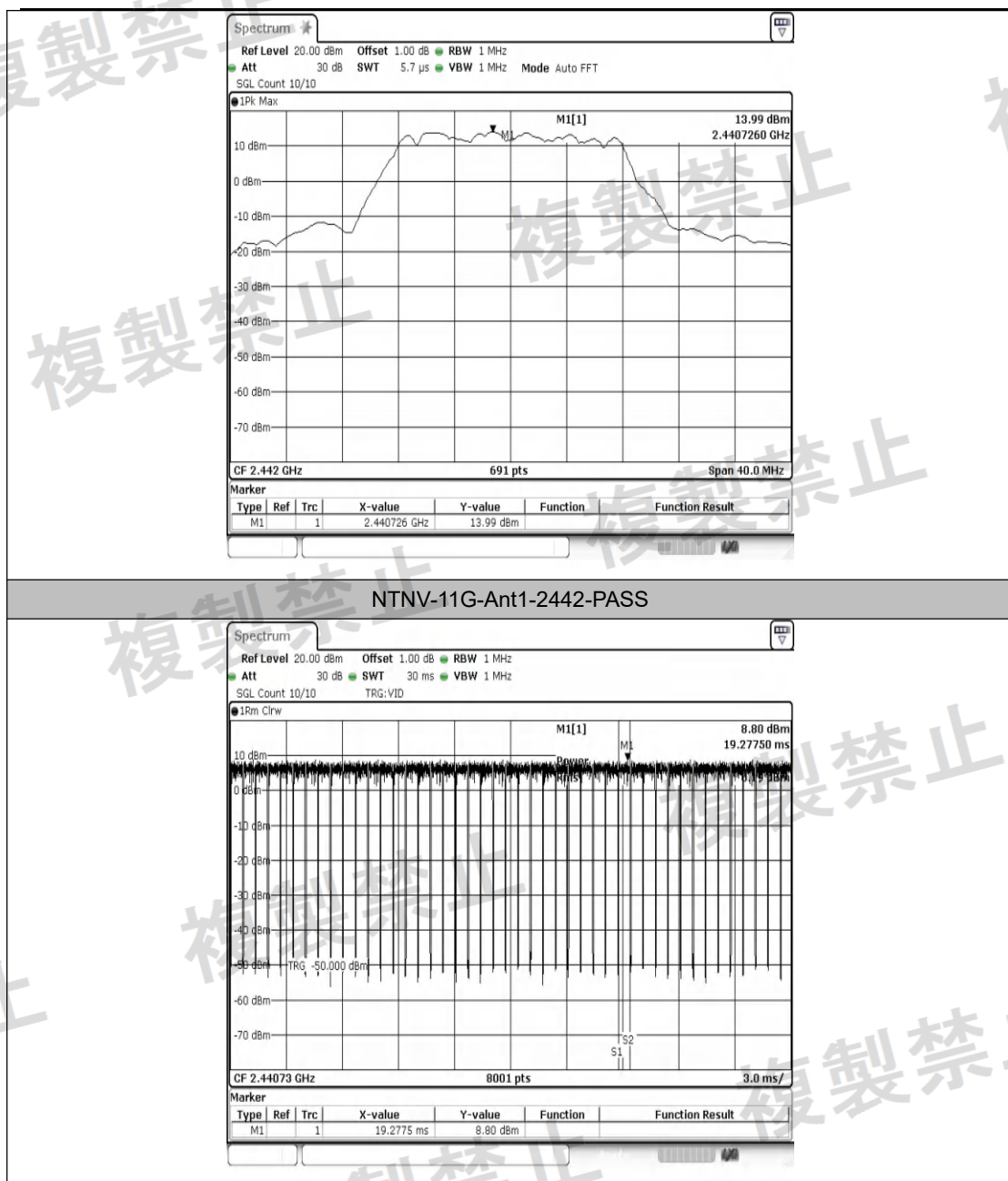
NTNV-11B-Ant1-2412-PASS

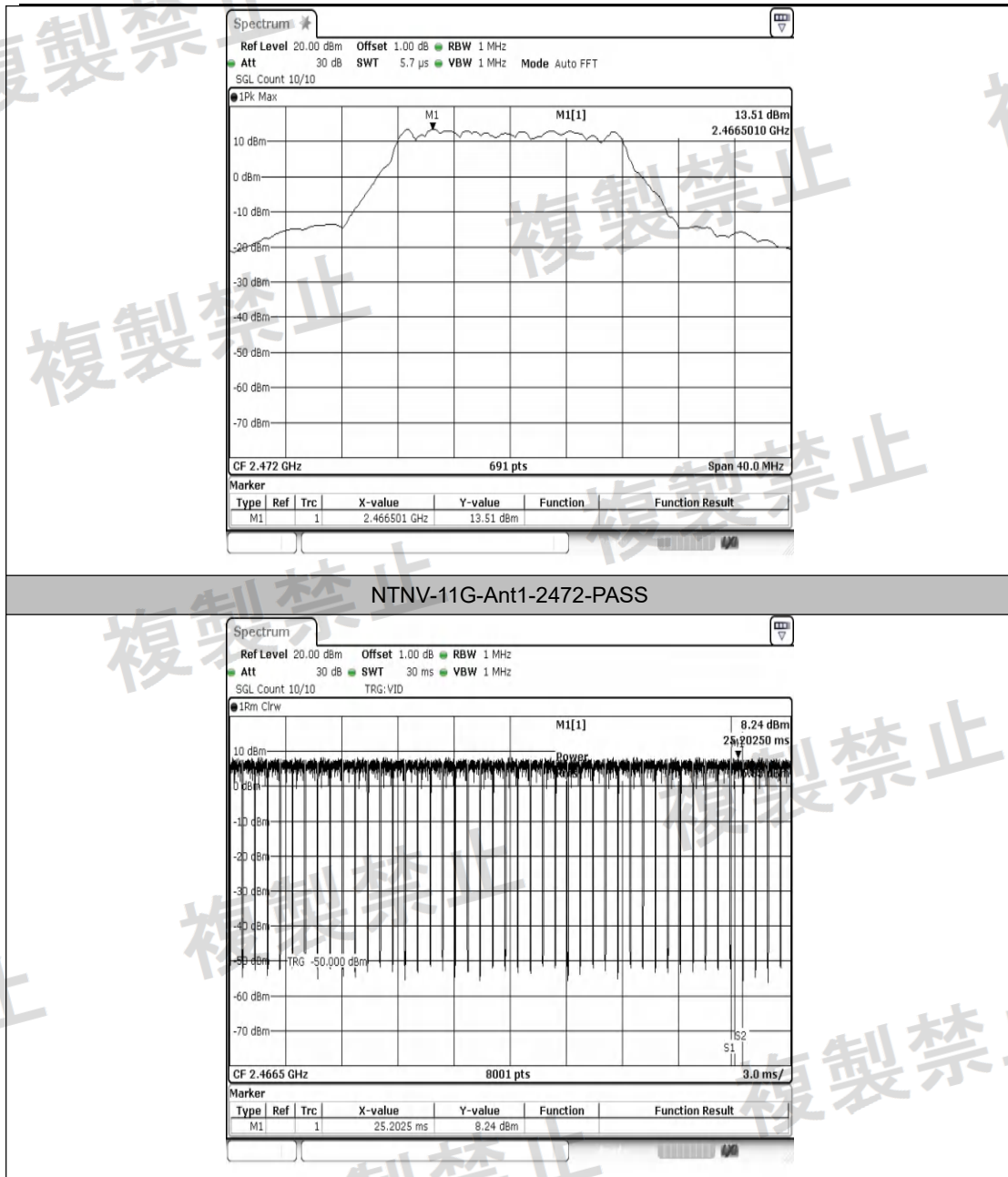


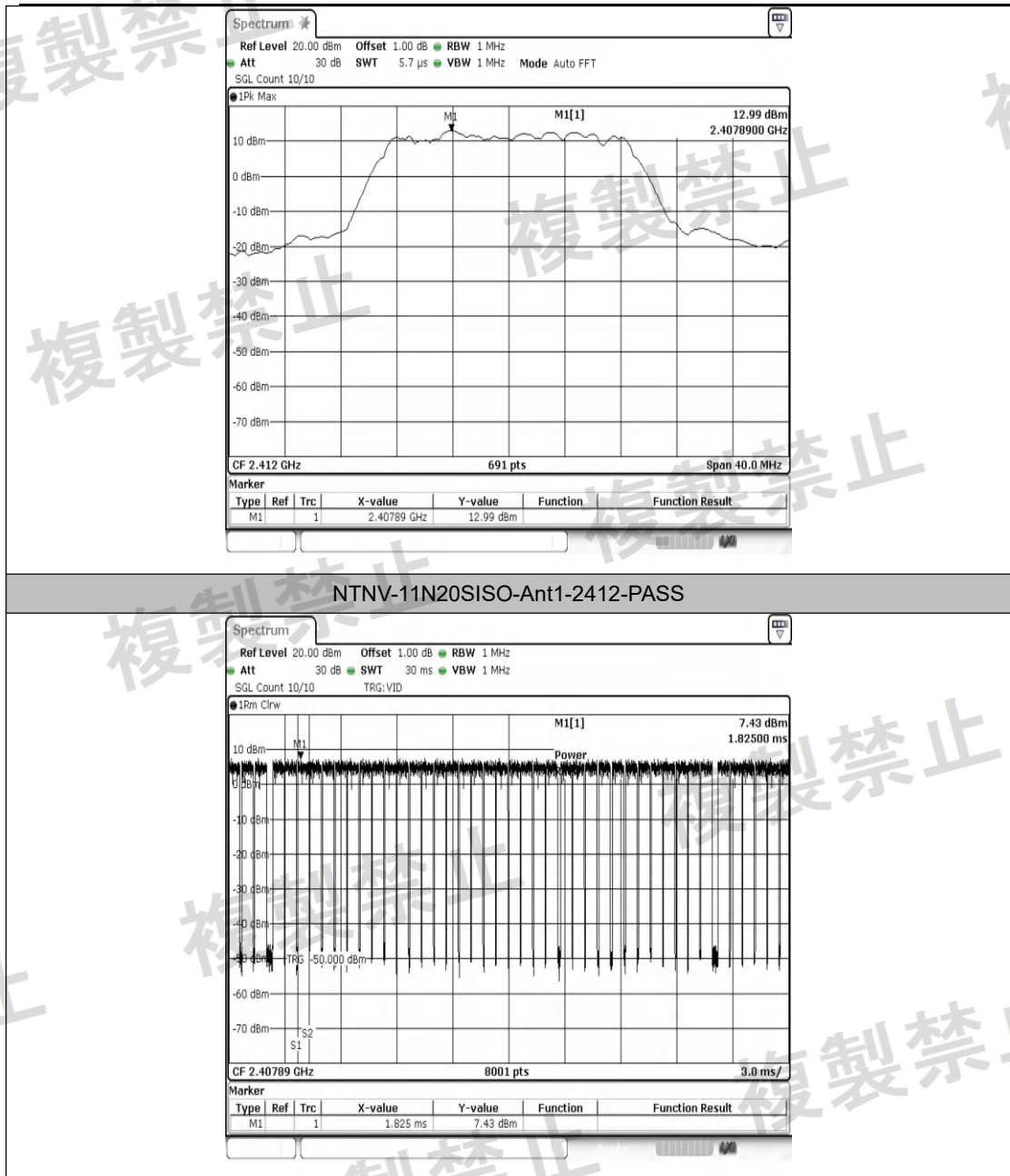


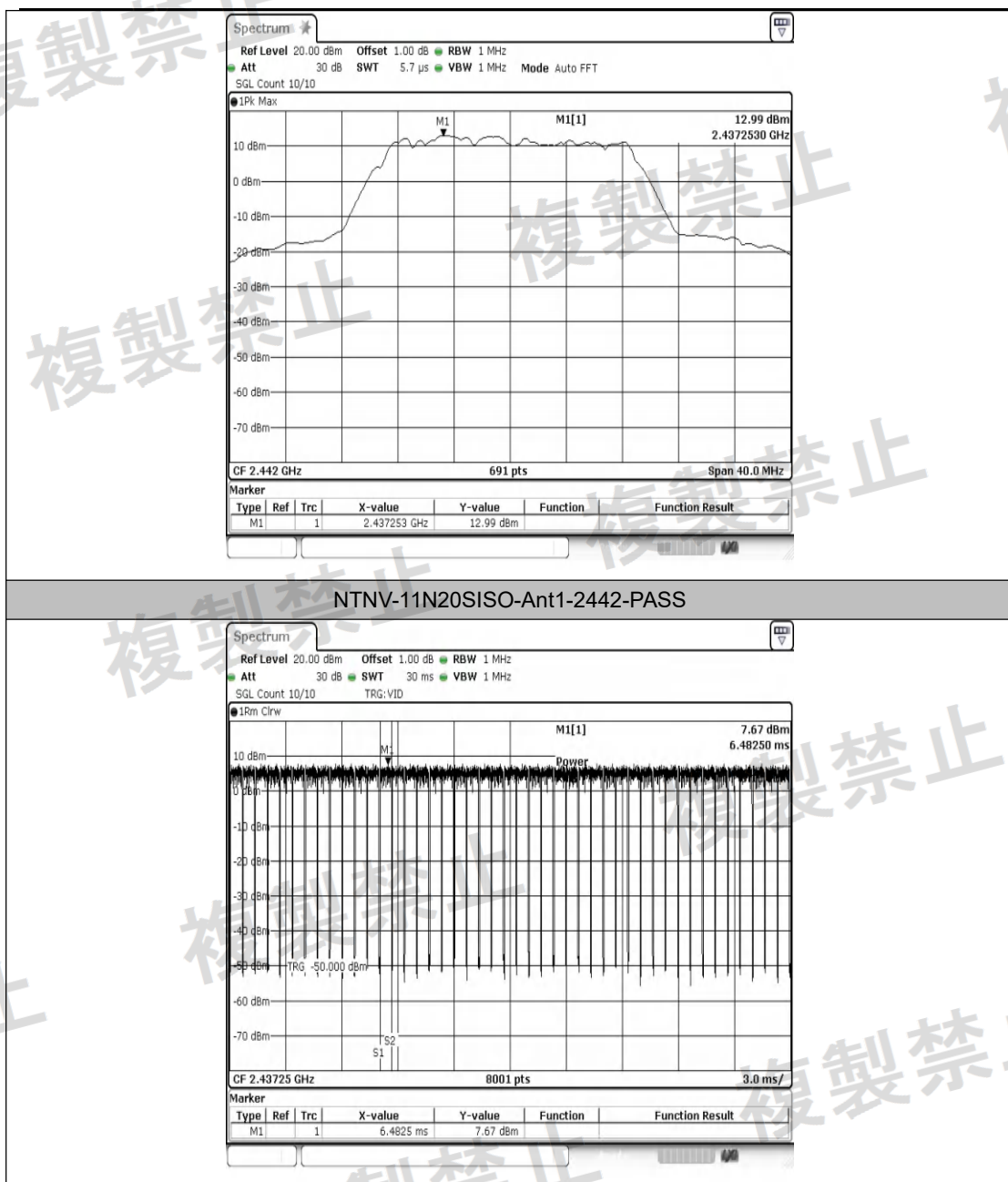


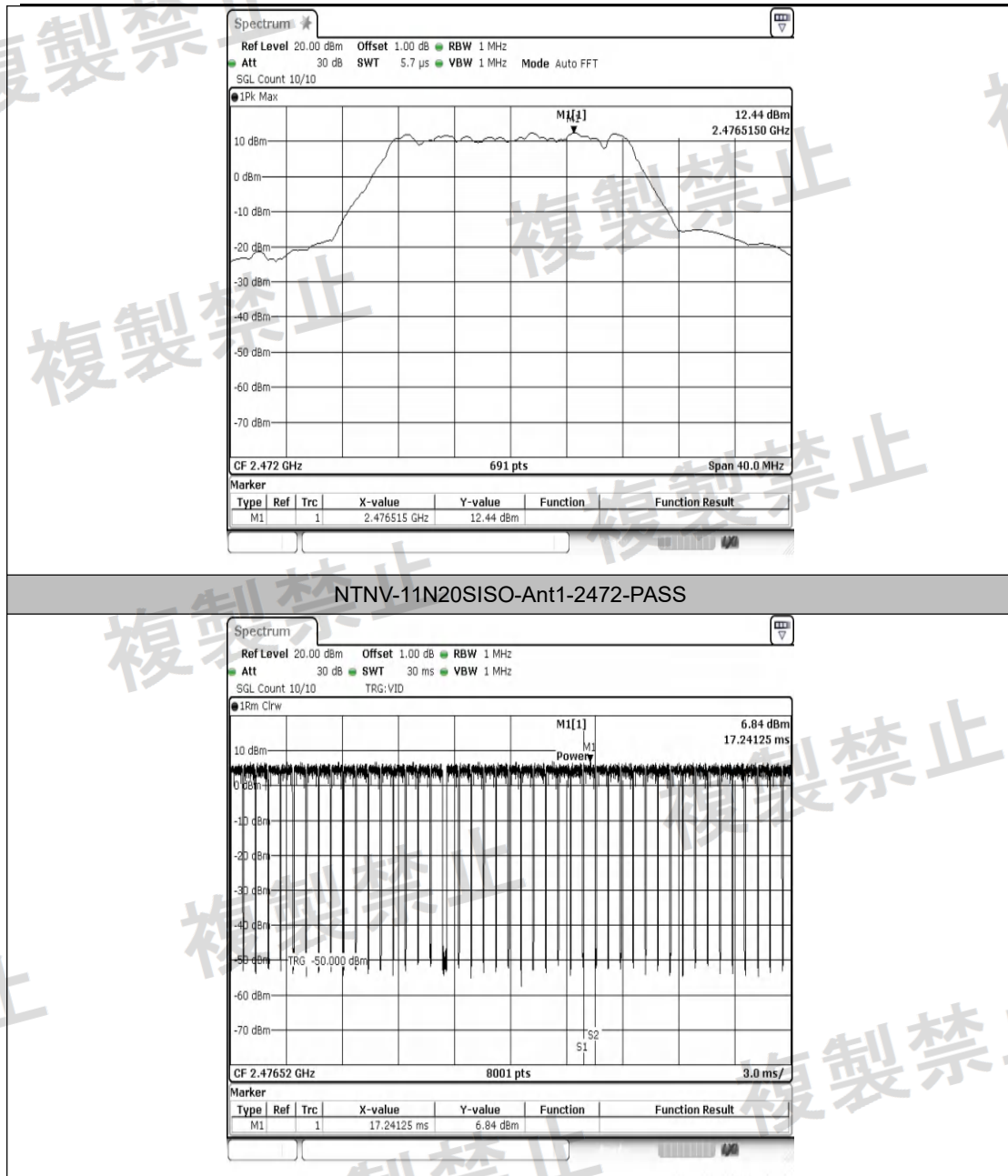


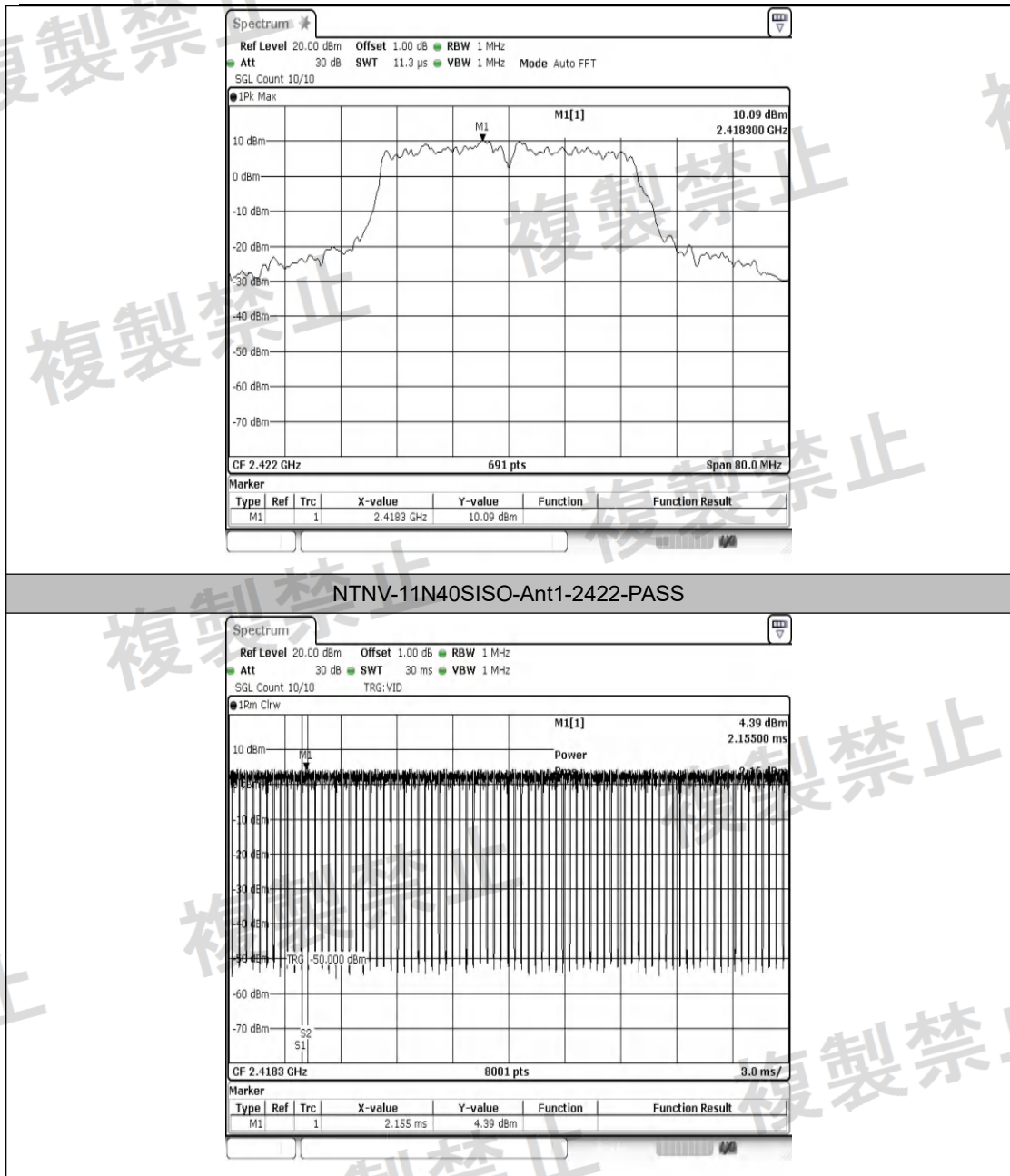


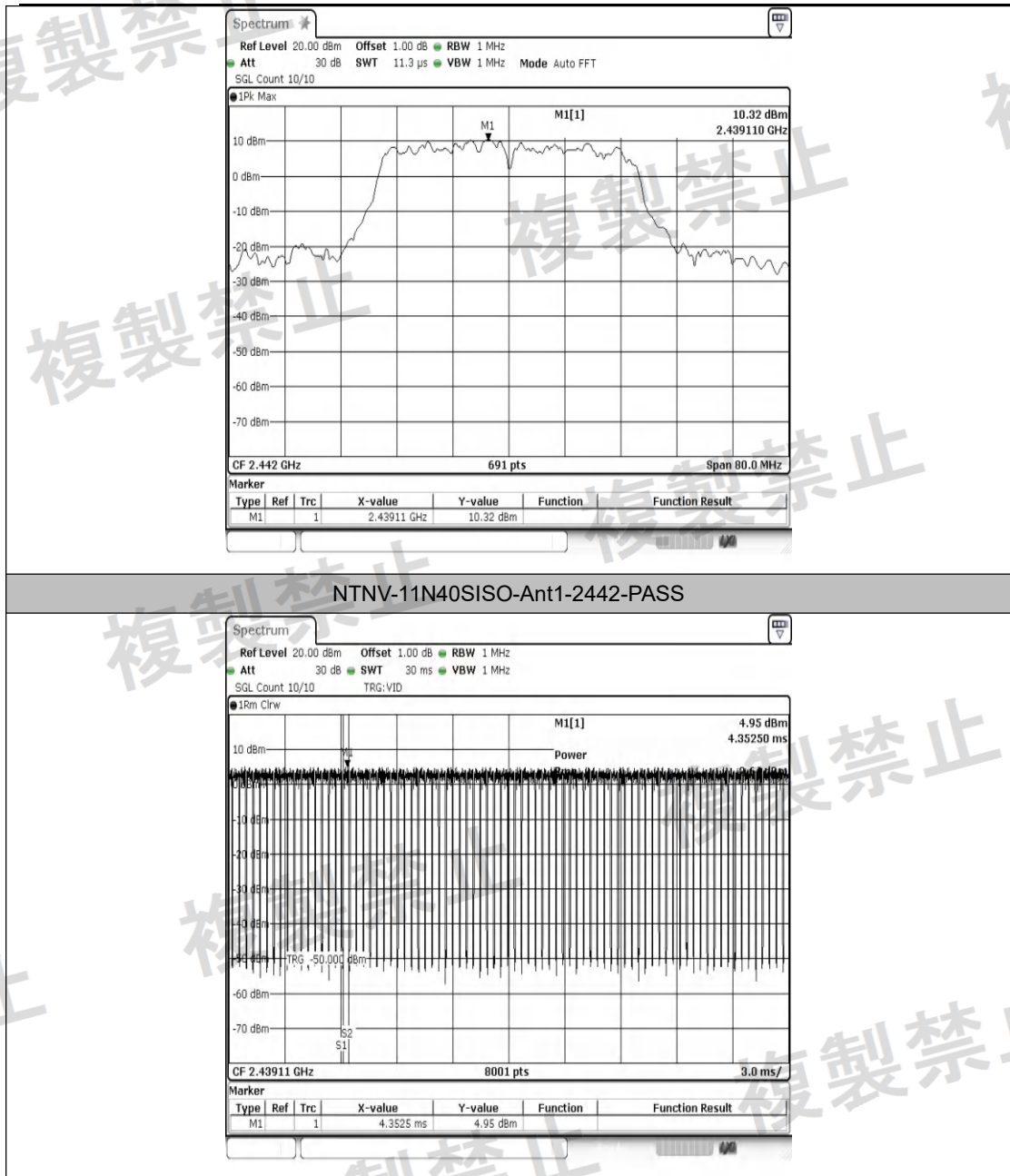


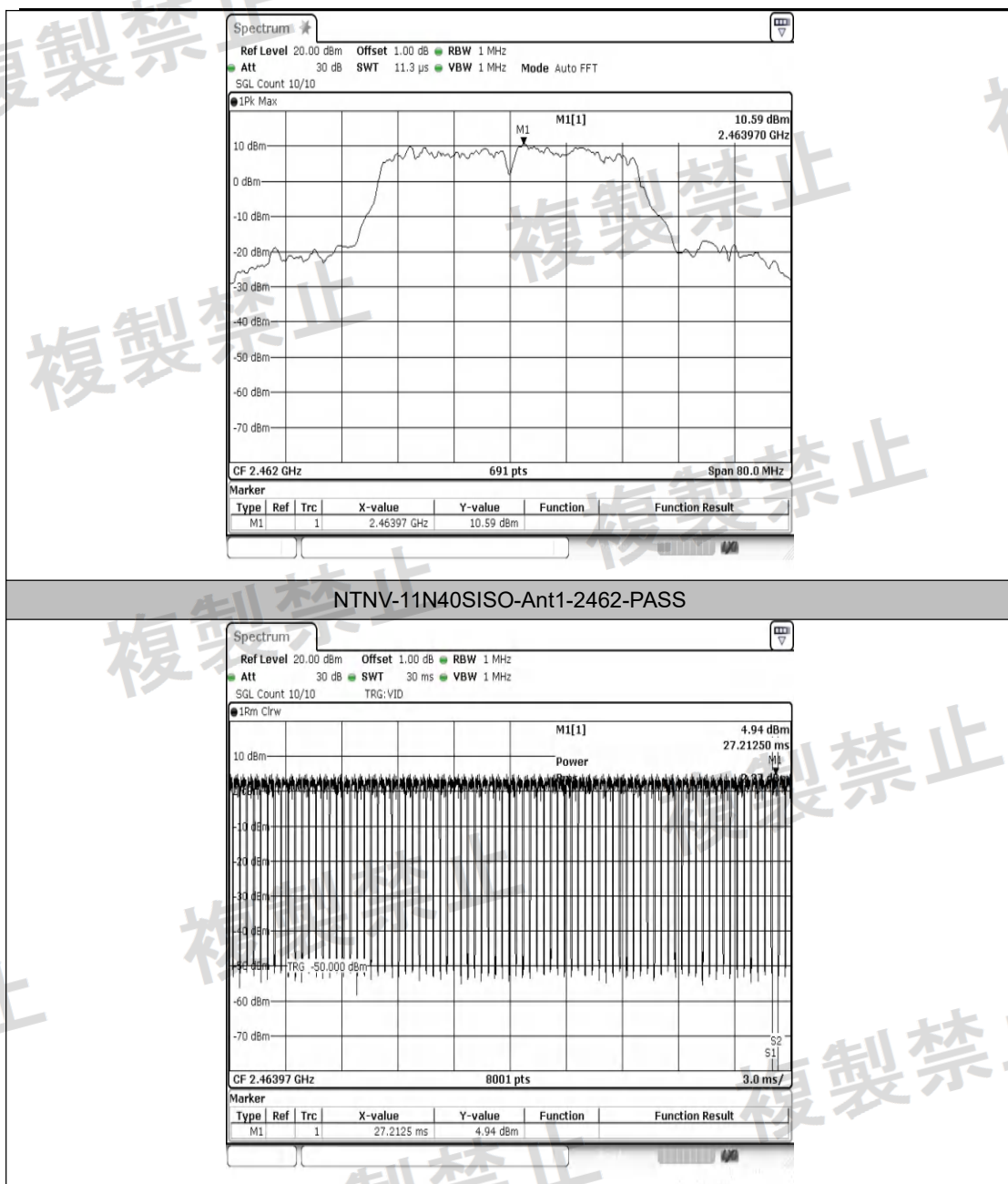












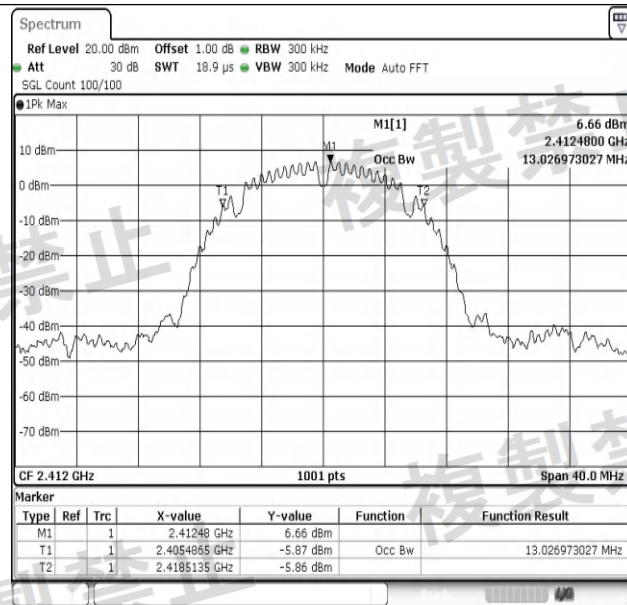
Appendix C: Occupied Bandwidth

Test Result

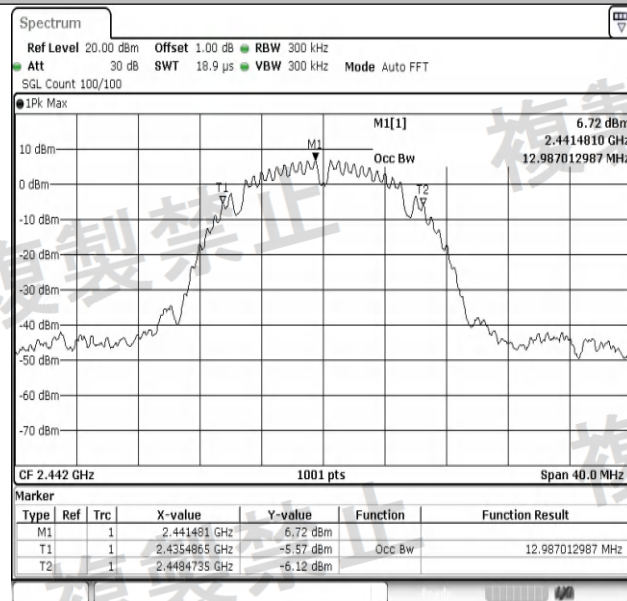
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11B	Ant1	2412	13.027	≤26	PASS
NTNV	11B	Ant1	2442	12.987	≤26	PASS
NTNV	11B	Ant1	2472	12.947	≤26	PASS
NTNV	11G	Ant1	2412	17.223	≤26	PASS
NTNV	11G	Ant1	2442	16.703	≤26	PASS
NTNV	11G	Ant1	2472	17.103	≤26	PASS
NTNV	11N20SISO	Ant1	2412	18.022	≤26	PASS
NTNV	11N20SISO	Ant1	2442	17.942	≤26	PASS
NTNV	11N20SISO	Ant1	2472	18.022	≤26	PASS
NTNV	11N40SISO	Ant1	2422	36.124	26-40	PASS
NTNV	11N40SISO	Ant1	2442	36.204	26-40	PASS
NTNV	11N40SISO	Ant1	2462	36.284	26-40	PASS



Test Graphs

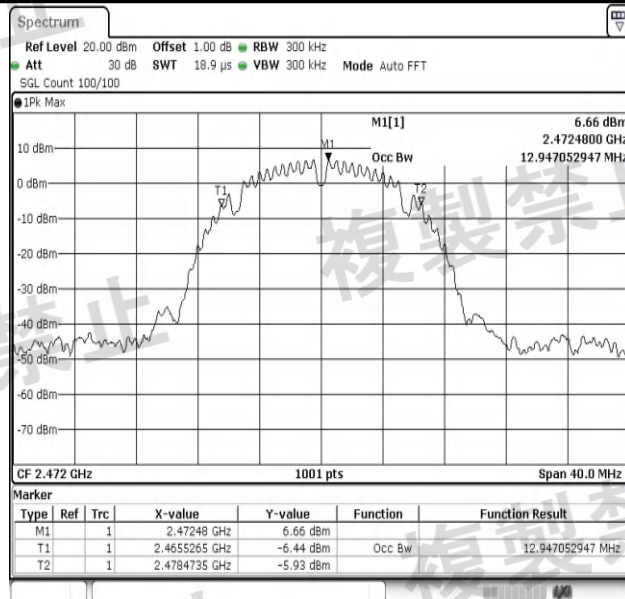


NTNV-11B-Ant1-2412-PASS

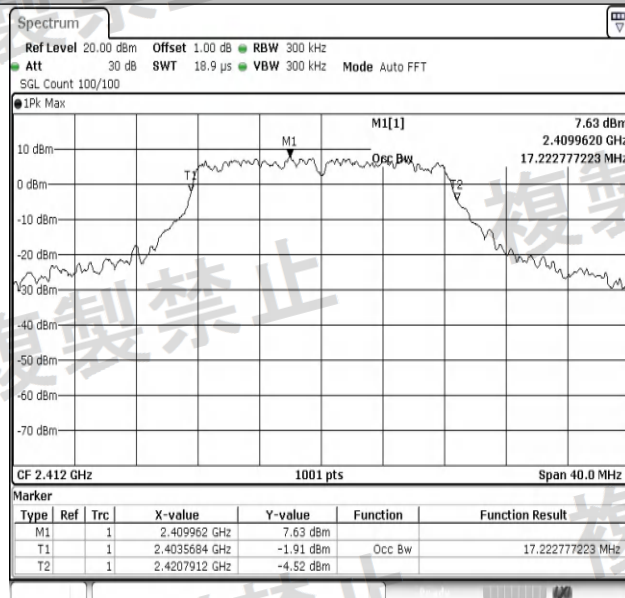


NTNV-11B-Ant1-2442-PASS



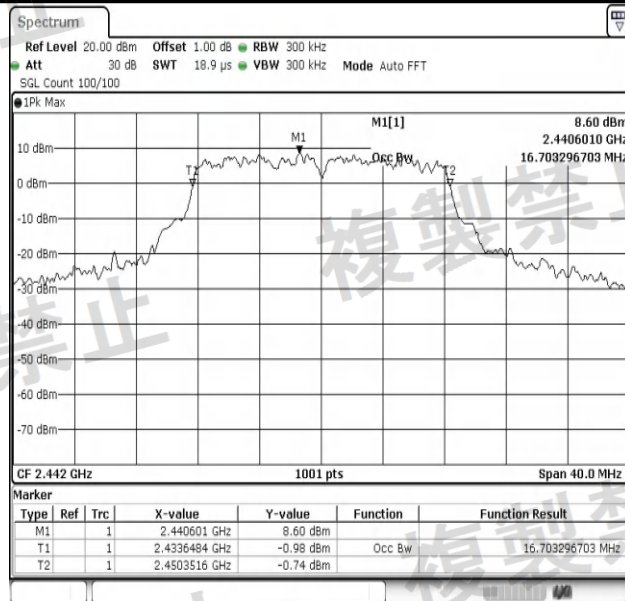


NTNV-11B-Ant1-2472-PASS

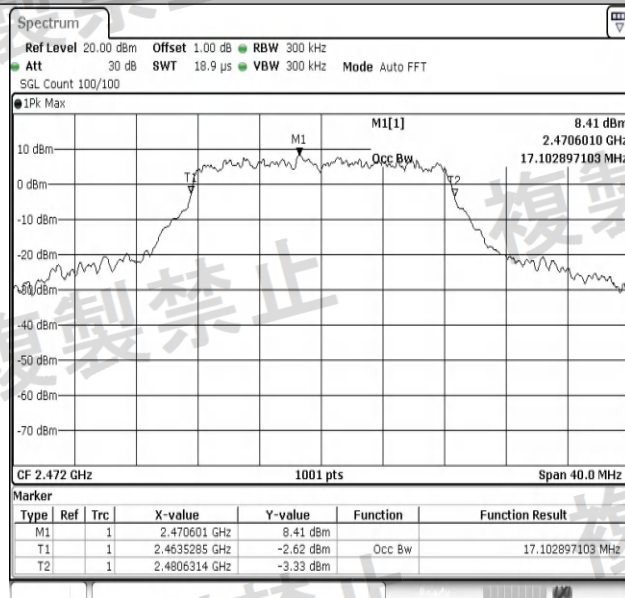


NTNV-11G-Ant1-2412-PASS



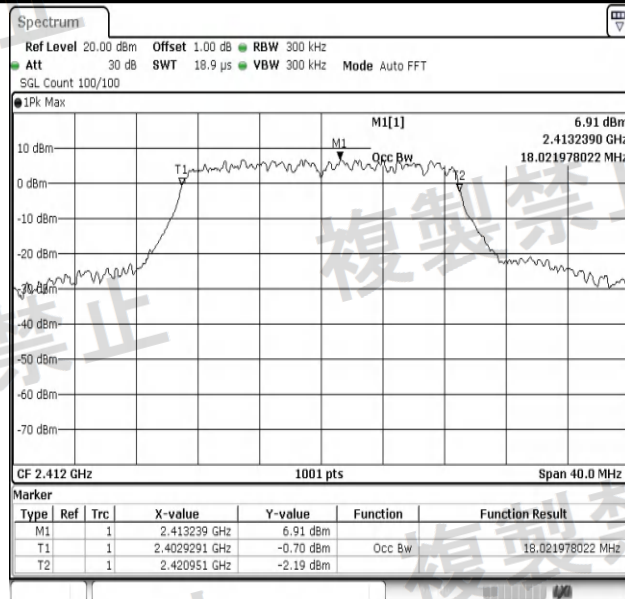


NTNV-11G-Ant1-2442-PASS

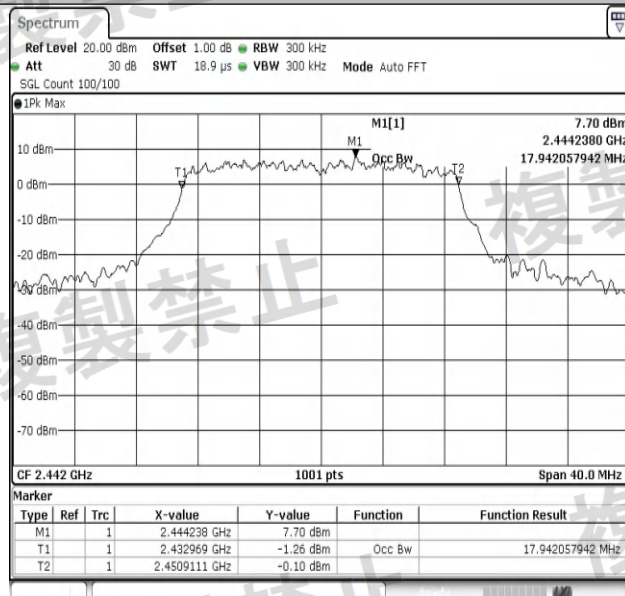


NTNV-11G-Ant1-2472-PASS



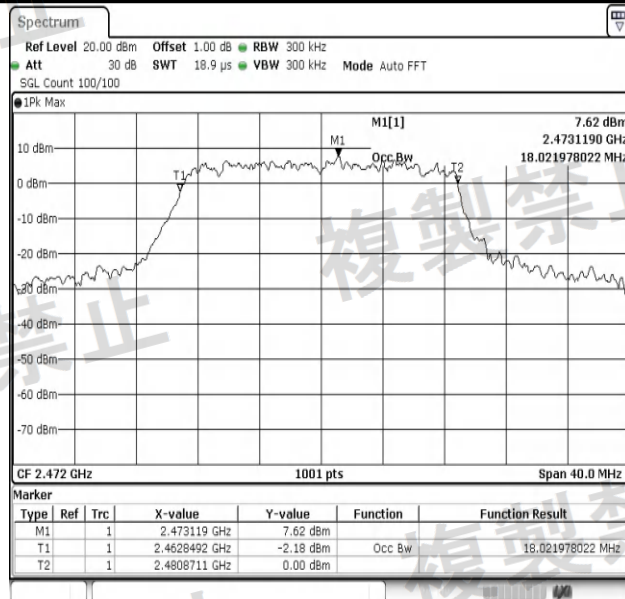


NTNV-11N20SISO-Ant1-2412-PASS

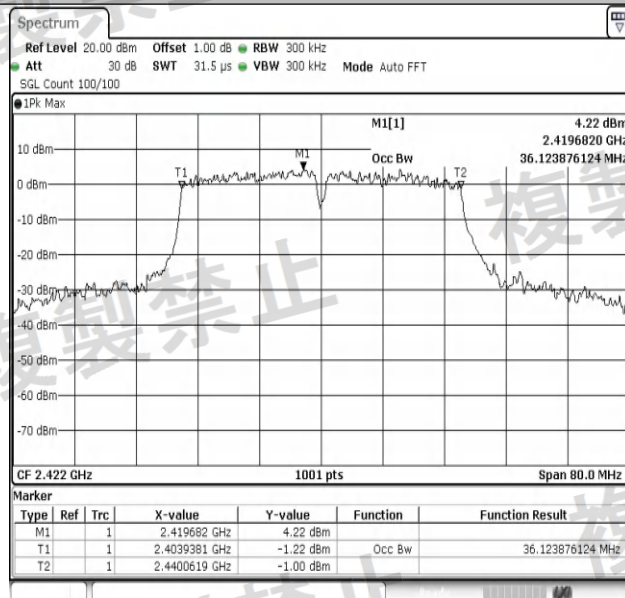


NTNV-11N20SISO-Ant1-2442-PASS



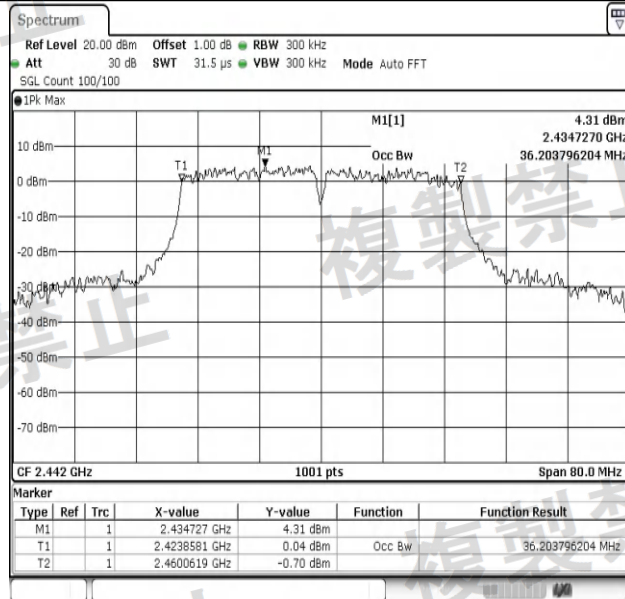


NTNV-11N20SISO-Ant1-2472-PASS

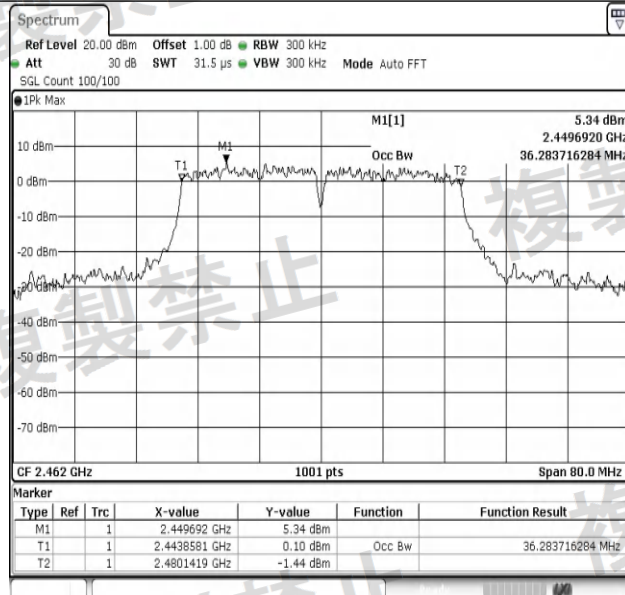


NTNV-11N40SISO-Ant1-2422-PASS





NTNV-11N40SISO-Ant1-2442-PASS



NTNV-11N40SISO-Ant1-2462-PASS



Appendix D: Spurious Emission of TX

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	11B	Ant1	2412	30~1000	367.80	-50.18	≤ -26	0.00959	≤ 2.5	PASS
NTNV	11B	Ant1	2412	1000~2387	2385.27	-40.36	≤ -26	0.09204	≤ 2.5	PASS
NTNV	11B	Ant1	2412	2387~2400	2396.22	-33.80	≤ -16	0.41687	≤ 25	PASS
NTNV	11B	Ant1	2412	2483.5~2496.5	2489.84	-37.58	≤ -16	0.17458	≤ 25	PASS
NTNV	11B	Ant1	2412	2496.5~13000	6896.94	-44.42	≤ -26	0.03614	≤ 2.5	PASS
NTNV	11B	Ant1	2442	30~1000	971.14	-50.27	≤ -26	0.00940	≤ 2.5	PASS
NTNV	11B	Ant1	2442	1000~2387	2359.26	-44.32	≤ -26	0.03698	≤ 2.5	PASS
NTNV	11B	Ant1	2442	2387~2400	2399.42	-38.05	≤ -16	0.15668	≤ 25	PASS
NTNV	11B	Ant1	2442	2483.5~2496.5	2490.18	-37.50	≤ -16	0.17783	≤ 25	PASS
NTNV	11B	Ant1	2442	2496.5~13000	4883.95	-44.76	≤ -26	0.03342	≤ 2.5	PASS
NTNV	11B	Ant1	2472	30~1000	633.10	-49.92	≤ -26	0.01019	≤ 2.5	PASS
NTNV	11B	Ant1	2472	1000~2387	2373.48	-45.45	≤ -26	0.02851	≤ 2.5	PASS
NTNV	11B	Ant1	2472	2387~2400	2392.21	-37.57	≤ -16	0.17498	≤ 25	PASS
NTNV	11B	Ant1	2472	2483.5~2496.5	2483.57	-33.57	≤ -16	0.43954	≤ 25	PASS
NTNV	11B	Ant1	2472	2496.5~13000	2497.55	-40.80	≤ -26	0.08318	≤ 2.5	PASS
NTNV	11G	Ant1	2412	30~1000	771.32	-50.11	≤ -26	0.00975	≤ 2.5	PASS
NTNV	11G	Ant1	2412	1000~2387	2386.65	-31.81	≤ -26	0.65917	≤ 2.5	PASS
NTNV	11G	Ant1	2412	2387~2400	2399.39	-11.73	≤ -16	67.14289	≤ 25	See table below
NTNV	11G	Ant1	2412	2483.5~2496.5	2486.66	-36.54	≤ -16	0.22182	≤ 25	PASS
NTNV	11G	Ant1	2412	2496.5~13000	4825.65	-42.86	≤ -26	0.05176	≤ 2.5	PASS
NTNV	11G	Ant1	2442	30~1000	753.38	-49.80	≤ -26	0.01047	≤ 2.5	PASS
NTNV	11G	Ant1	2442	1000~2387	2379.72	-40.48	≤ -26	0.08954	≤ 2.5	PASS
NTNV	11G	Ant1	2442	2387~2400	2399.47	-33.83	≤ -16	0.41400	≤ 25	PASS
NTNV	11G	Ant1	2442	2483.5~2496.5	2486.86	-34.65	≤ -16	0.34277	≤ 25	PASS
NTNV	11G	Ant1	2442	2496.5~13000	4877.64	-40.93	≤ -26	0.08072	≤ 2.5	PASS
NTNV	11G	Ant1	2472	30~1000	951.74	-49.79	≤ -26	0.01050	≤ 2.5	PASS
NTNV	11G	Ant1	2472	1000~2387	2372.09	-41.55	≤ -26	0.06998	≤ 2.5	PASS
NTNV	11G	Ant1	2472	2387~2400	2394.59	-35.99	≤ -16	0.25177	≤ 25	PASS
NTNV	11G	Ant1	2472	2483.5~2496.5	2483.5	-8.92	≤ -16	128.23306	≤ 25	See table below
NTNV	11G	Ant1	2472	2496.5~13000	2497.03	-32.02	≤ -26	0.62806	≤ 2.5	PASS
NTNV	11N20SISO	Ant1	2412	30~1000	878.27	-50.32	≤ -26	0.00929	≤ 2.5	PASS
NTNV	11N20SISO	Ant1	2412	1000~2387	2387.00	-30.08	≤ -26	0.98175	≤ 2.5	PASS
NTNV	11N20SISO	Ant1	2412	2387~2400	2400	-13.33	≤ -16	46.45153	≤ 25	See table below
NTNV	11N20SISO	Ant1	2412	2483.5~2496.5	2492.34	-36.88	≤ -16	0.20512	≤ 25	PASS
NTNV	11N20SISO	Ant1	2412	2496.5~13000	2499.65	-44.37	≤ -26	0.03656	≤ 2.5	PASS
NTNV	11N20SISO	Ant1	2442	30~1000	939.38	-49.30	≤ -26	0.01175	≤ 2.5	PASS

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NTNV	11N20SISO	Ant1	2442	1000~2387	2387.00	-40.71	≤-26	0.08492	≤2.5	PASS
NTNV	11N20SISO	Ant1	2442	2387~2400	2399.53	-34.49	≤-16	0.35563	≤25	PASS
NTNV	11N20SISO	Ant1	2442	2483.5~2496.5	2484.54	-35.67	≤-16	0.27102	≤25	PASS
NTNV	11N20SISO	Ant1	2442	2496.5~13000	4879.22	-41.89	≤-26	0.06471	≤2.5	PASS
NTNV	11N20SISO	Ant1	2472	30~1000	656.62	-50.51	≤-26	0.00889	≤2.5	PASS
NTNV	11N20SISO	Ant1	2472	1000~2387	2361.34	-42.99	≤-26	0.05023	≤2.5	PASS
NTNV	11N20SISO	Ant1	2472	2387~2400	2399.47	-37.24	≤-16	0.18880	≤25	PASS
NTNV	11N20SISO	Ant1	2472	2483.5~2496.5	2483.5	-11.33	≤-16	73.62071	≤25	See table below
NTNV	11N20SISO	Ant1	2472	2496.5~13000	2496.50	-31.85	≤-26	0.65313	≤2.5	PASS
NTNV	11N40SISO	Ant1	2422	30~1000	30.00	-43.37	≤-26	0.04603	≤2.5	PASS
NTNV	11N40SISO	Ant1	2422	1000~2387	2385.27	-21.91	≤-26	6.44169	≤2.5	See table below
NTNV	11N40SISO	Ant1	2422	2387~2400	2399.99	-16.52	≤-16	22.28435	≤25	See table below
NTNV	11N40SISO	Ant1	2422	2483.5~2496.5	2483.90	-35.11	≤-16	0.30832	≤25	PASS
NTNV	11N40SISO	Ant1	2422	2496.5~13000	2501.23	-42.23	≤-26	0.05984	≤2.5	PASS
NTNV	11N40SISO	Ant1	2442	30~1000	30.00	-44.10	≤-26	0.03890	≤2.5	PASS
NTNV	11N40SISO	Ant1	2442	1000~2387	2378.33	-35.79	≤-26	0.26363	≤2.5	PASS
NTNV	11N40SISO	Ant1	2442	2387~2400	2399.93	-26.08	≤-16	2.46604	≤25	PASS
NTNV	11N40SISO	Ant1	2442	2483.5~2496.5	2484.20	-24.07	≤-16	3.91742	≤25	PASS
NTNV	11N40SISO	Ant1	2442	2496.5~13000	2505.95	-39.11	≤-26	0.12274	≤2.5	PASS
NTNV	11N40SISO	Ant1	2462	30~1000	30.00	-42.02	≤-26	0.06281	≤2.5	PASS
NTNV	11N40SISO	Ant1	2462	1000~2387	2377.98	-38.90	≤-26	0.12882	≤2.5	PASS
NTNV	11N40SISO	Ant1	2462	2387~2400	2399.81	-33.33	≤-16	0.46452	≤25	PASS
NTNV	11N40SISO	Ant1	2462	2483.5~2496.5	2483.51	-11.22	≤-16	75.50922	≤25	See table below
NTNV	11N40SISO	Ant1	2462	2496.5~13000	2496.5	-19.66	≤-26	10.81434	≤2.5	See table below



Test Result_Step2

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. [MHz]	Result [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	11G	Ant1	2412	2398.99	-24.96	3.19154	≤25	PASS
NTNV	11G	Ant1	2472	2483.50	-21.38	7.27780	≤25	PASS
NTNV	11N20SISO	Ant1	2412	2399.98	-25.49	2.82488	≤25	PASS
NTNV	11N20SISO	Ant1	2472	2483.51	-23.59	4.37522	≤25	PASS
NTNV	11N40SISO	Ant1	2422	2385.23	-35.42	0.28708	≤2.5	PASS
NTNV	11N40SISO	Ant1	2422	2399.92	-28.38	1.45211	≤25	PASS
NTNV	11N40SISO	Ant1	2462	2483.52	-24.59	3.47536	≤25	PASS
NTNV	11N40SISO	Ant1	2462	2496.51	-31.18	0.76208	≤2.5	PASS

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Tel: (86) 0755-26066440 Email: service@anbotek.com

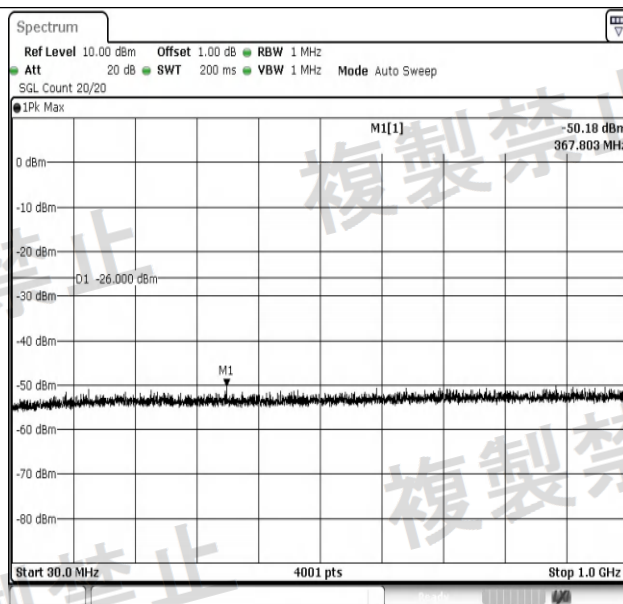


Hotline
400-003-0500

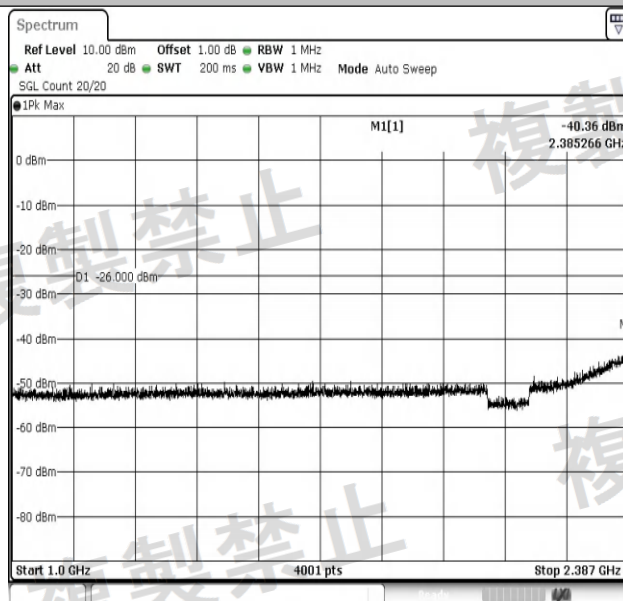
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Test Graphs

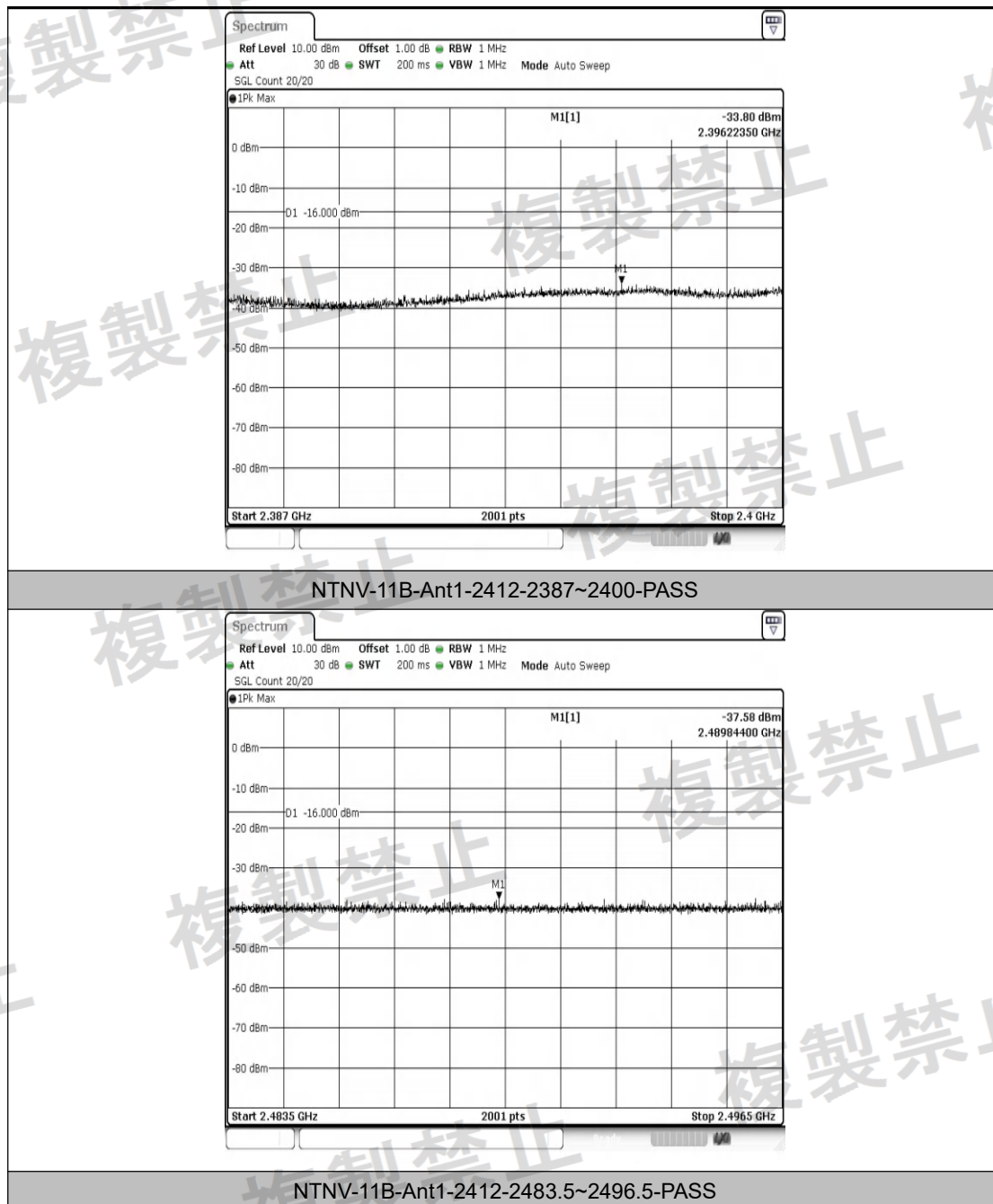


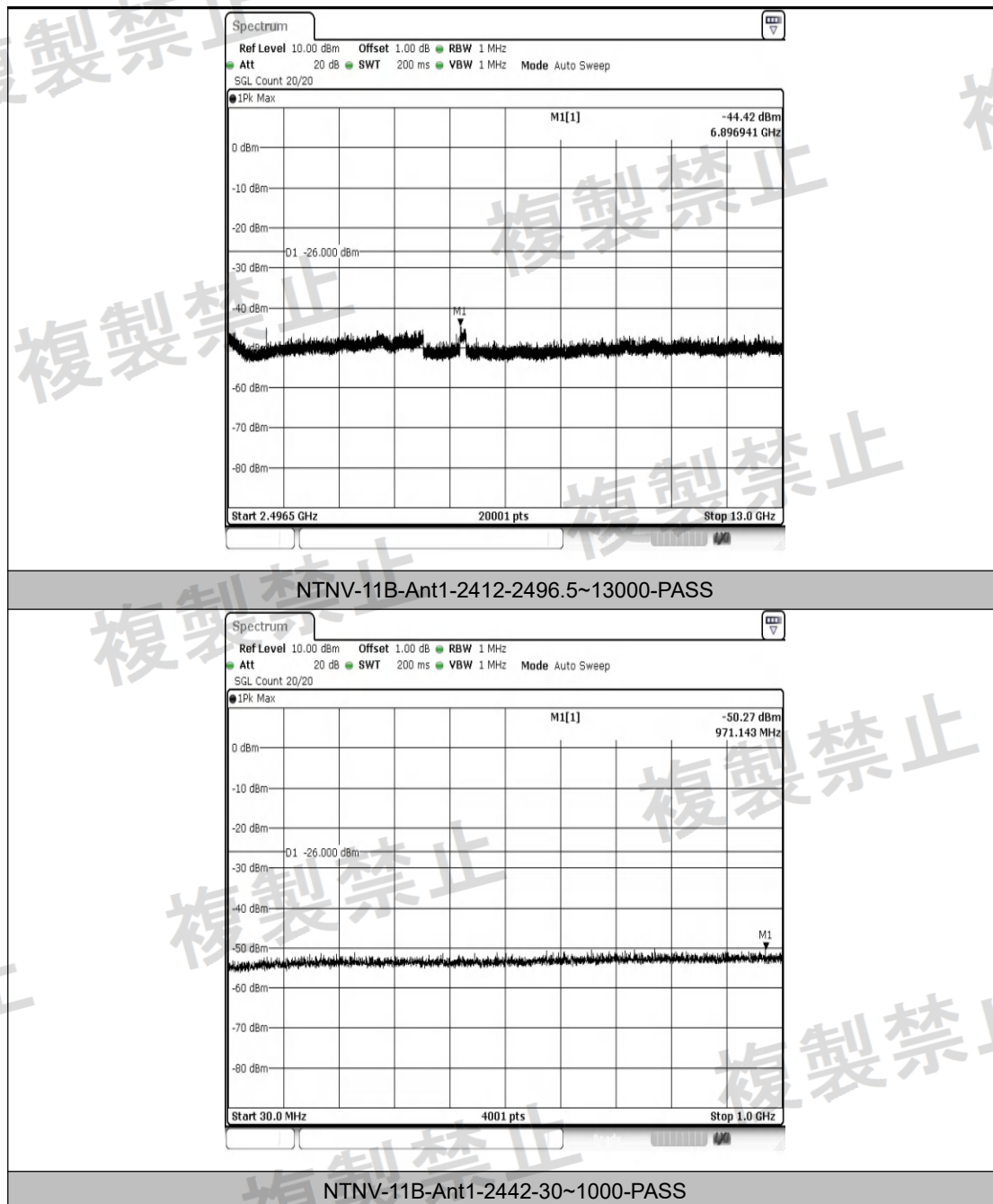
NTNV-11B-Ant1-2412-30~1000-PASS

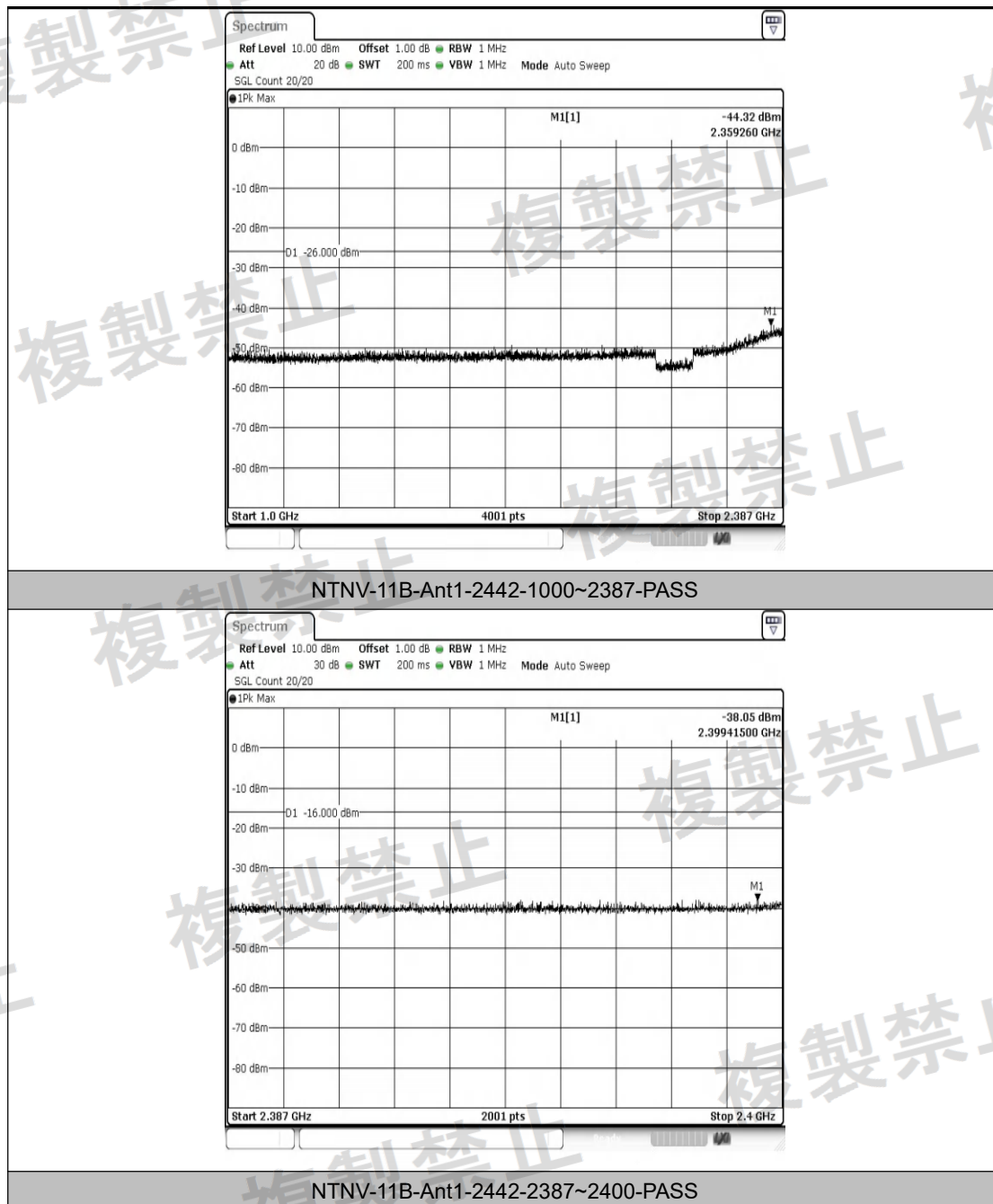


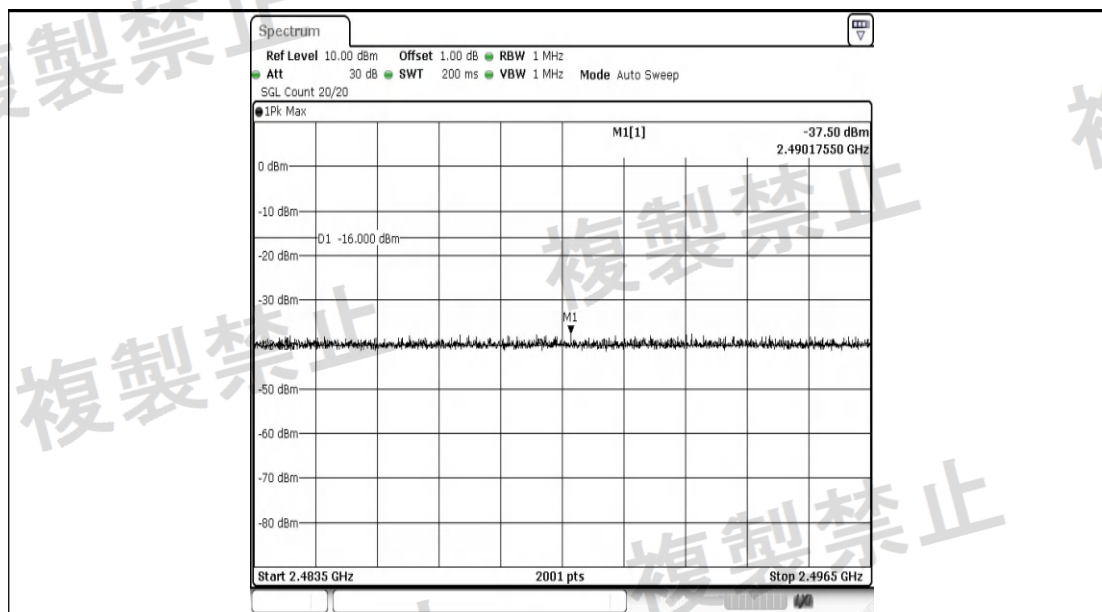
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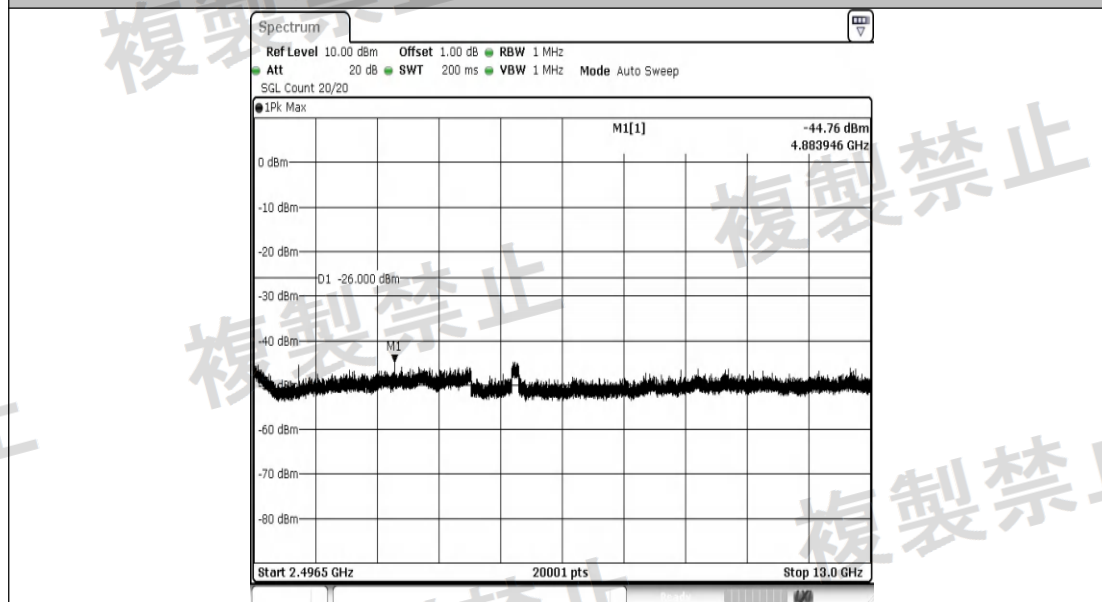






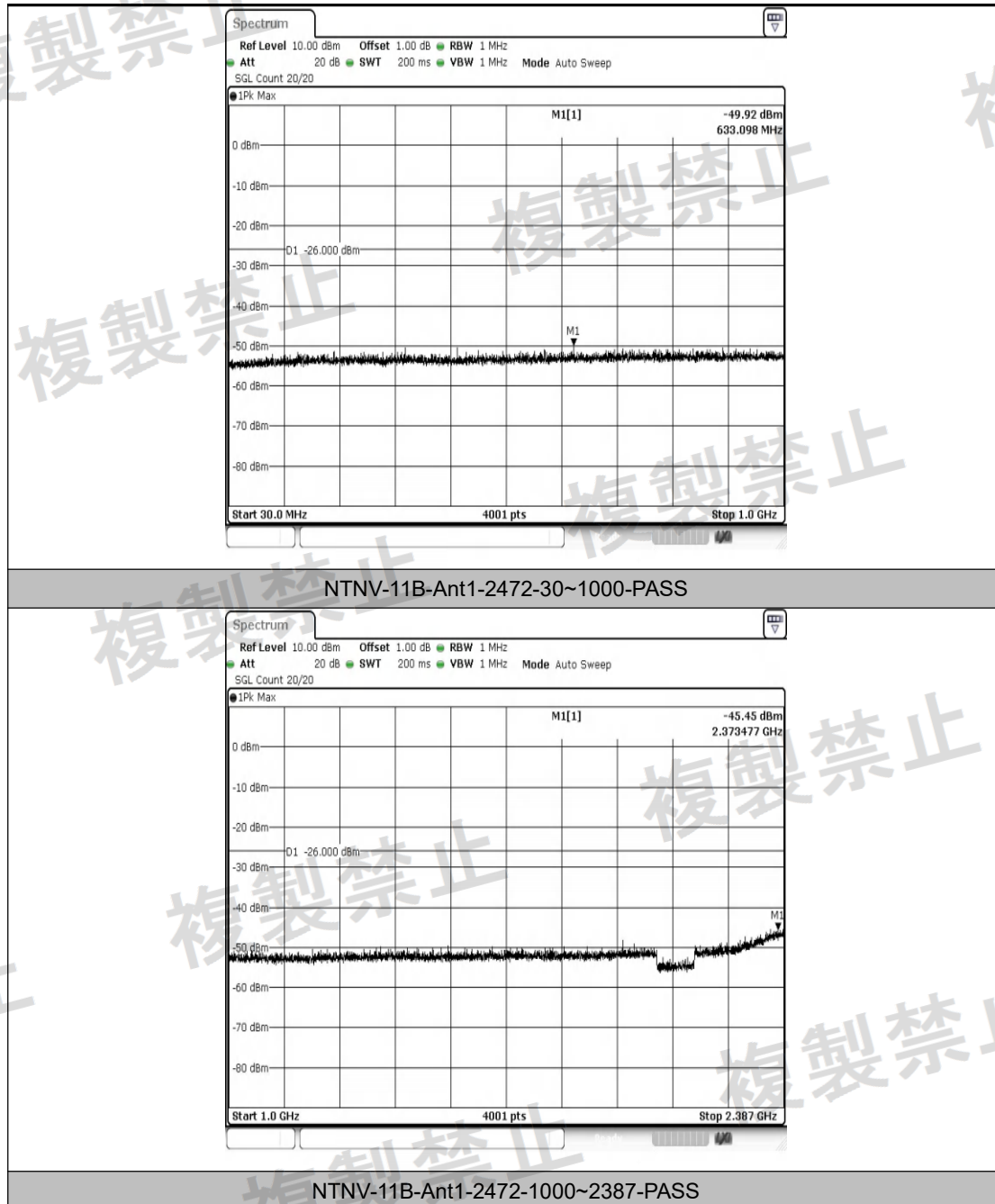


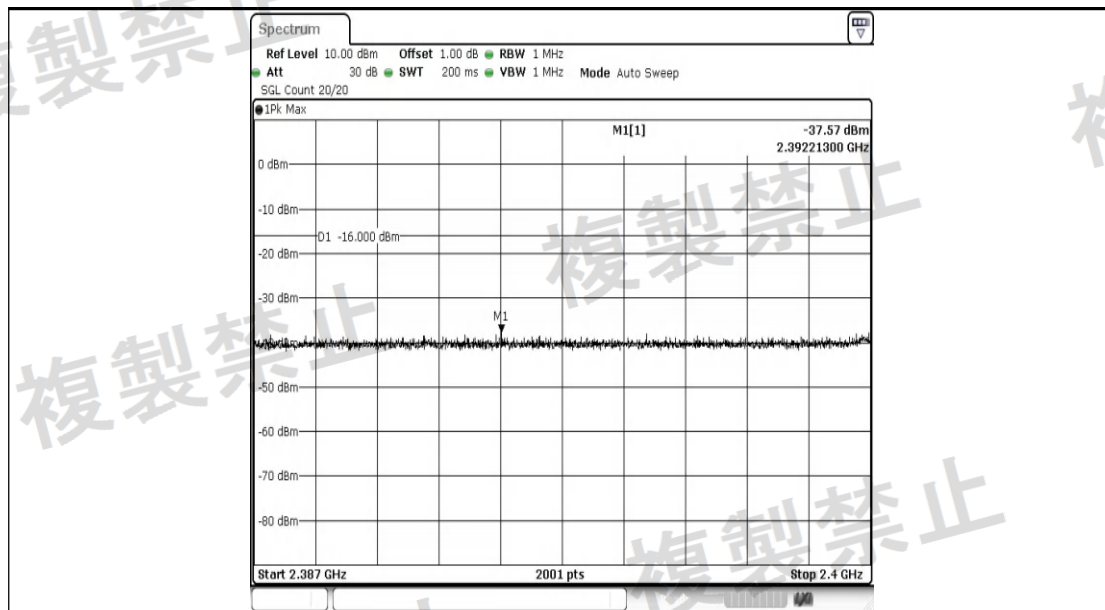
NTNV-11B-Ant1-2442-2483.5~2496.5-PASS



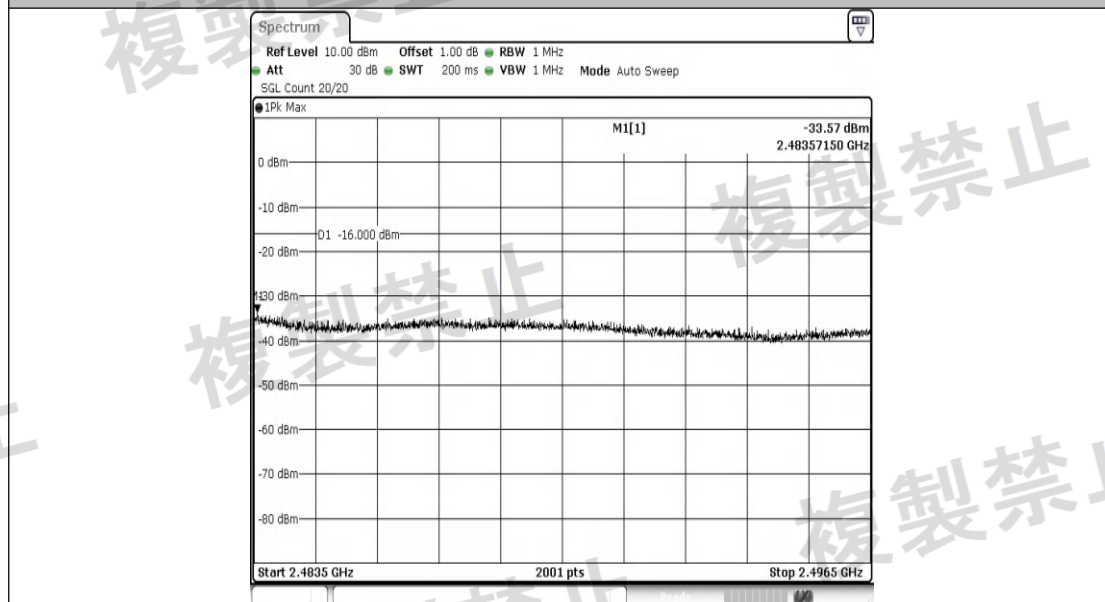
NTNV-11B-Ant1-2442-2496.5~13000-PASS





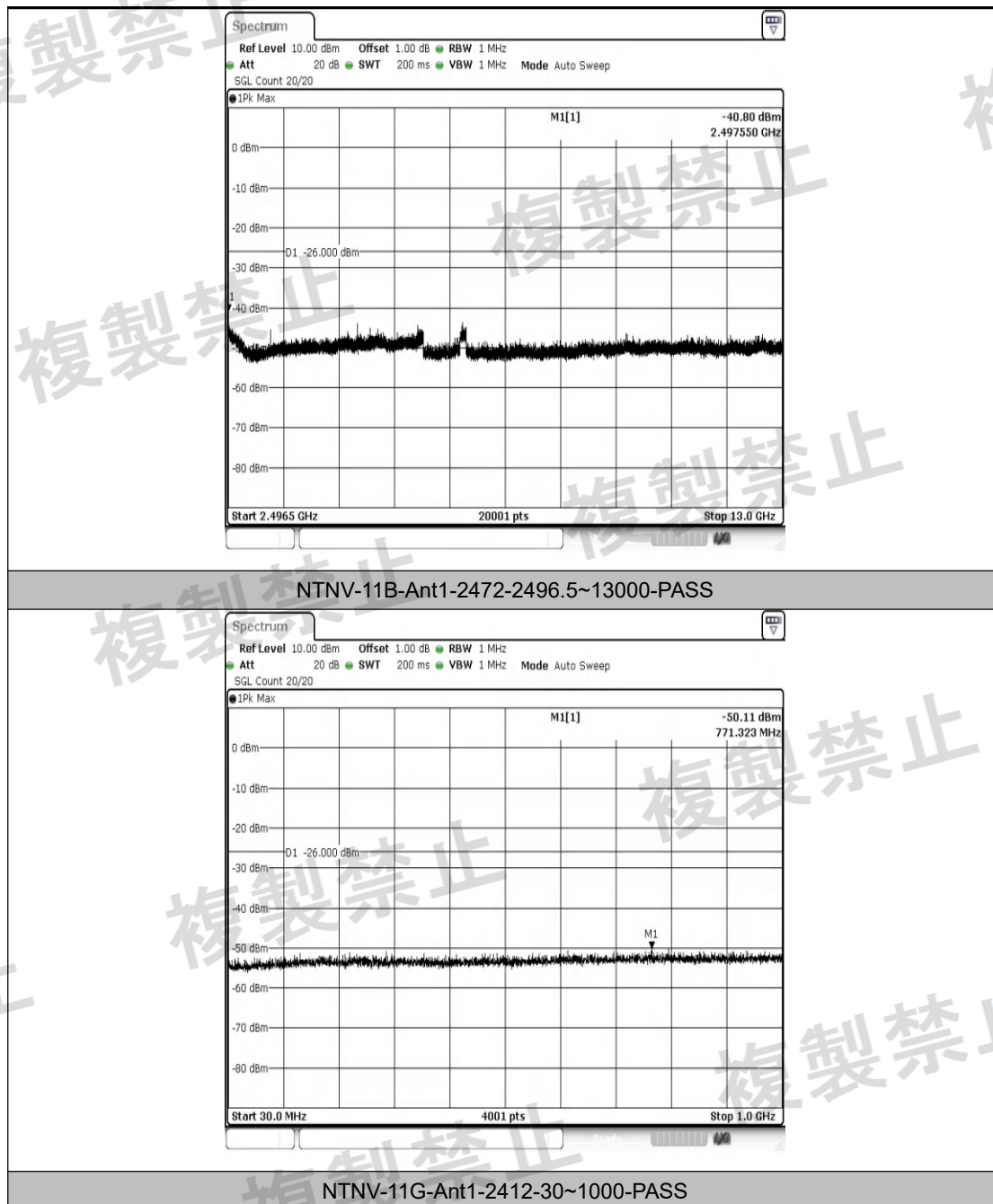


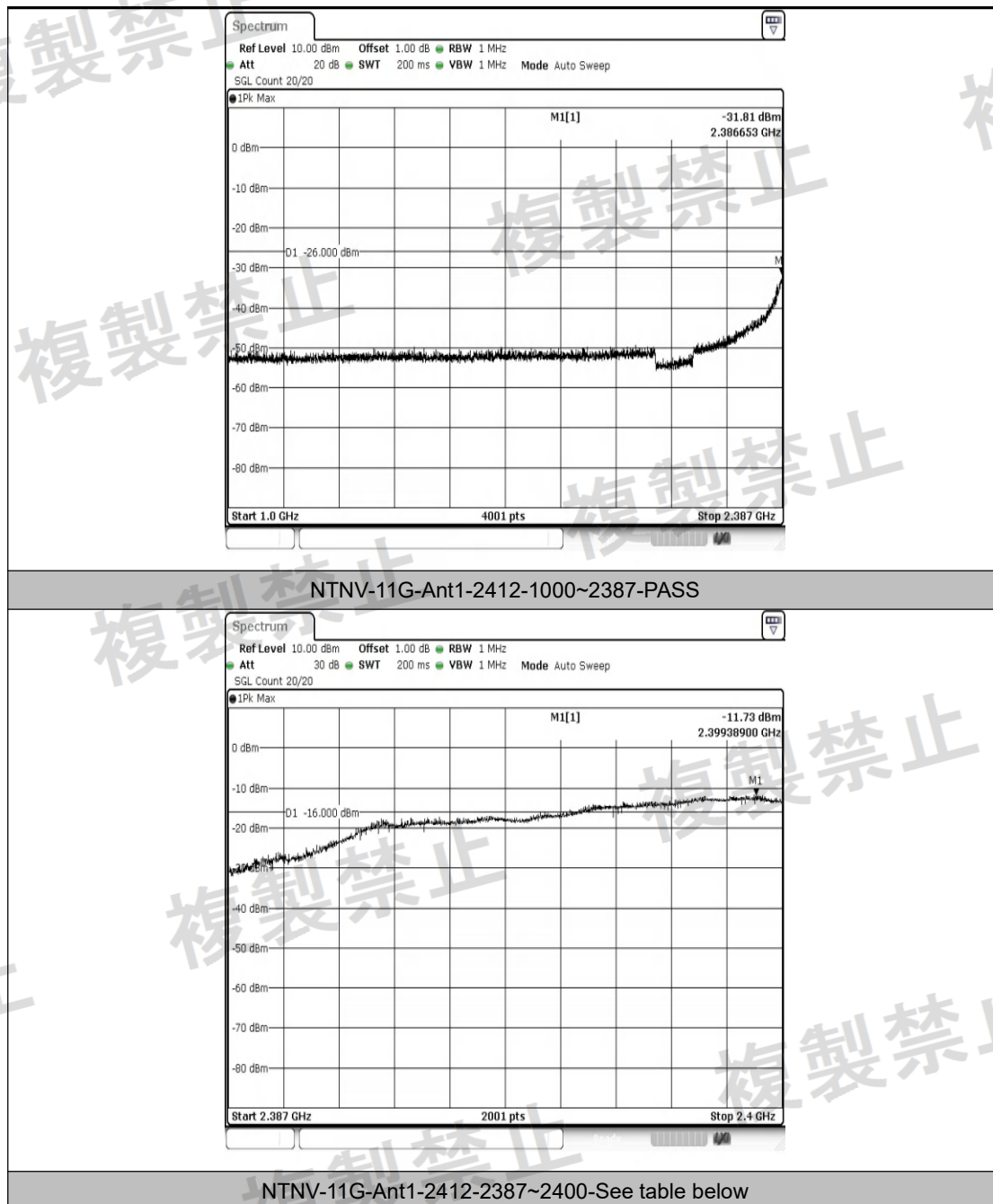
NTNV-11B-Ant1-2472-2387~2400-PASS

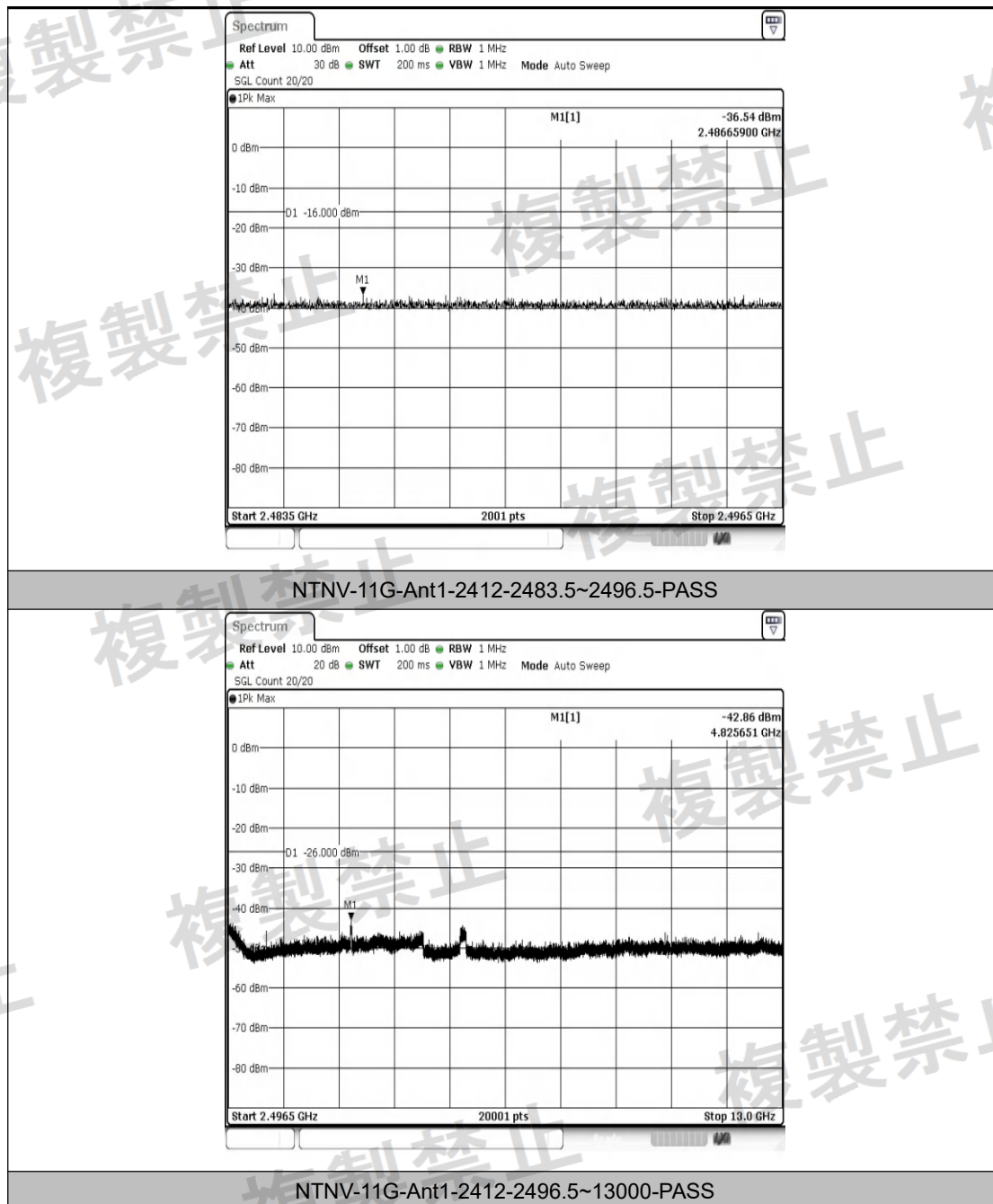


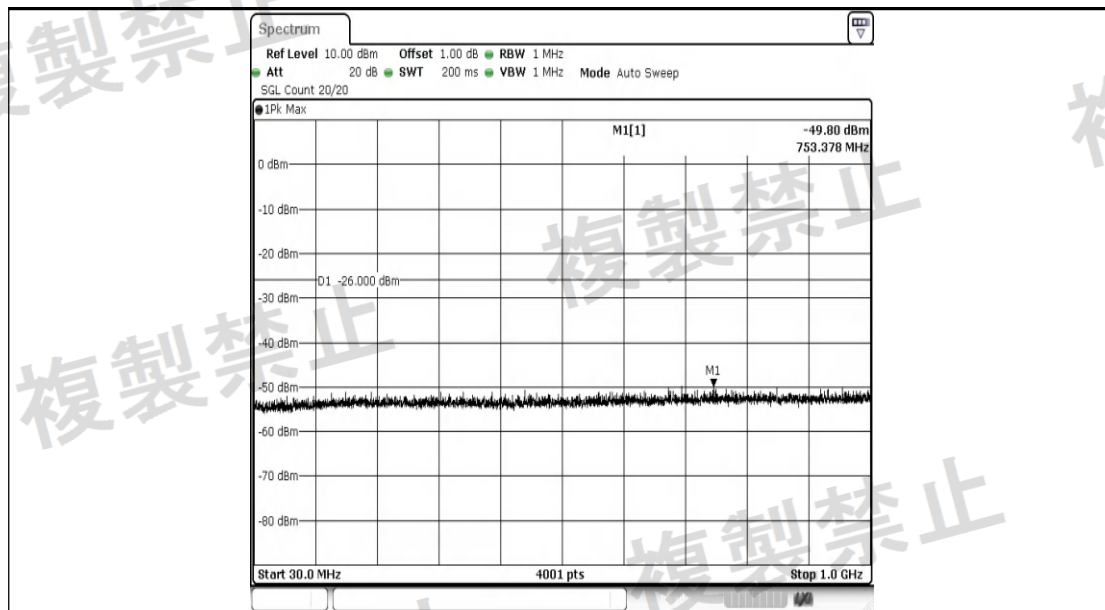
NTNV-11B-Ant1-2472-2483.5~2496.5-PASS



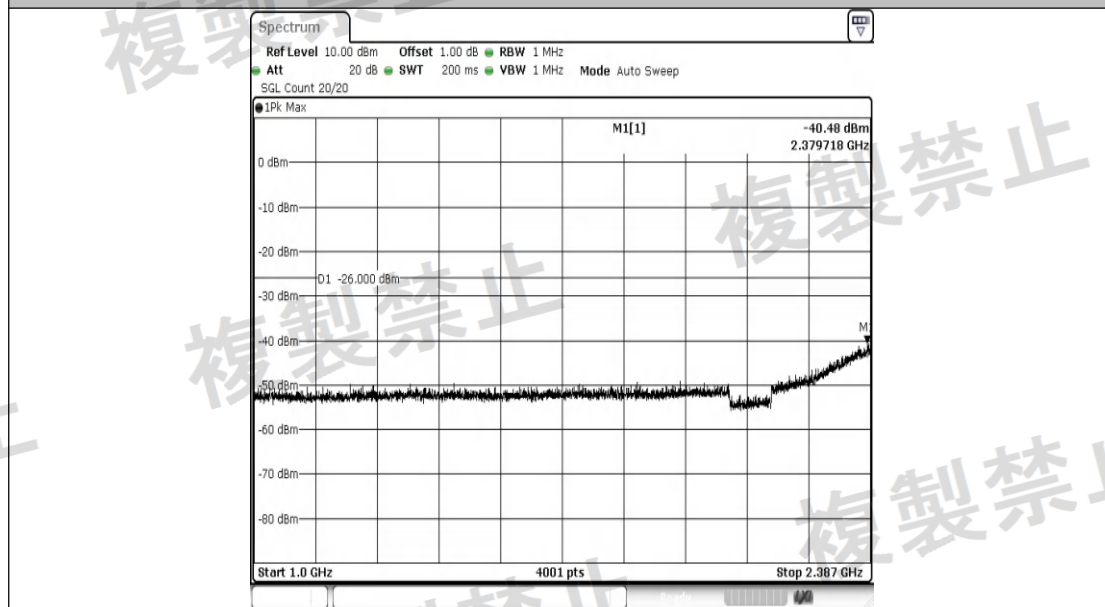






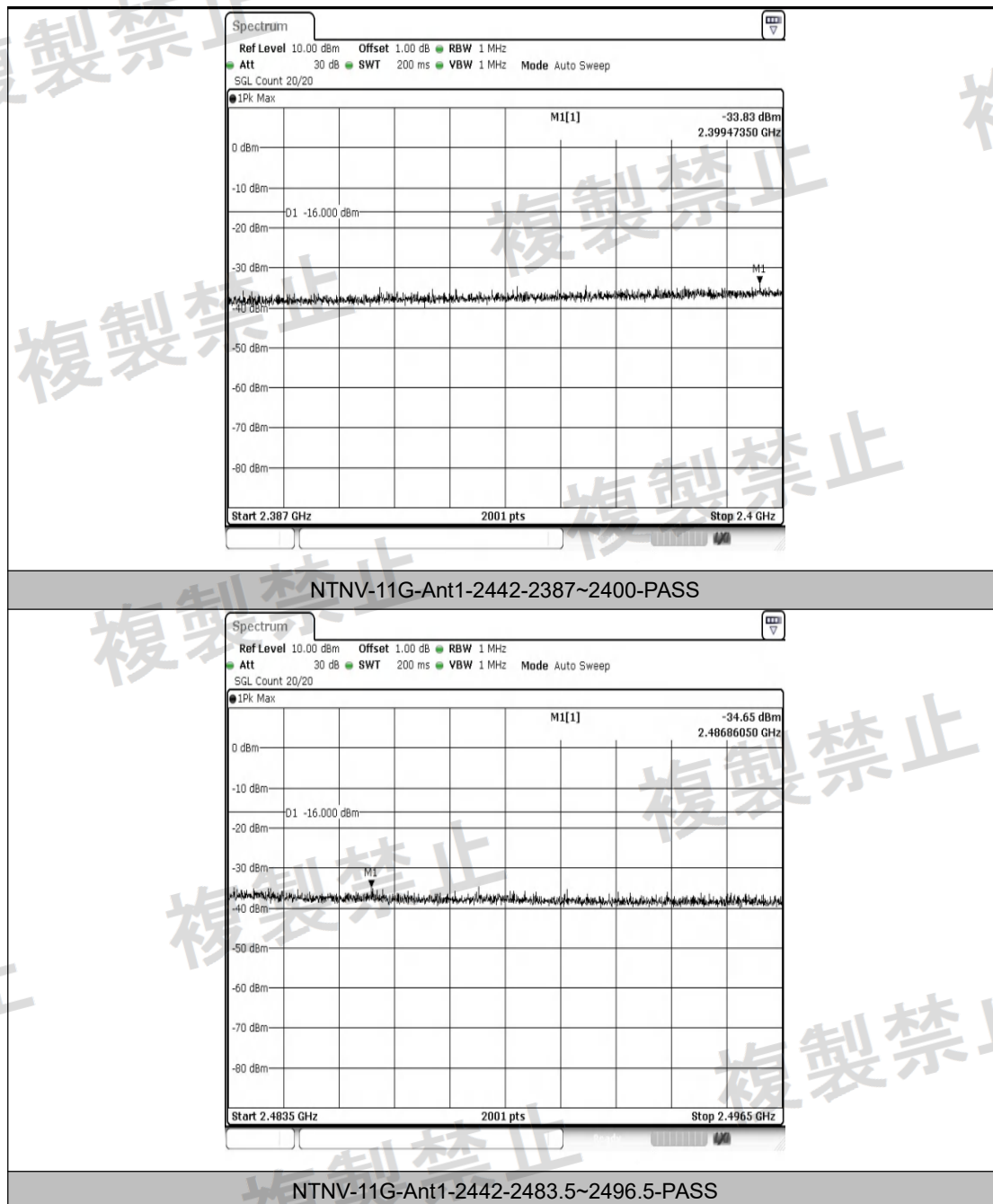


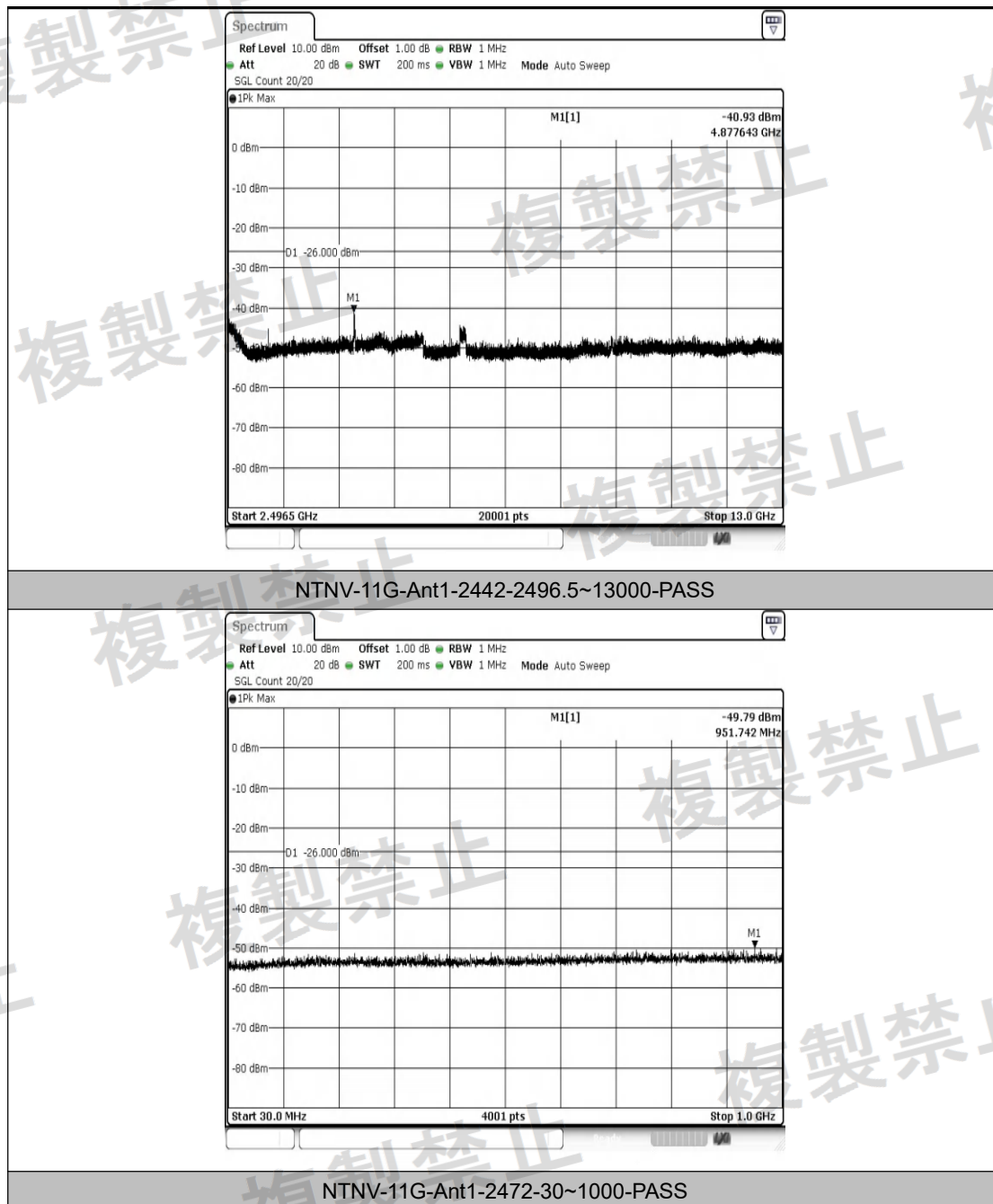
NTNV-11G-Ant1-2442-30~1000-PASS

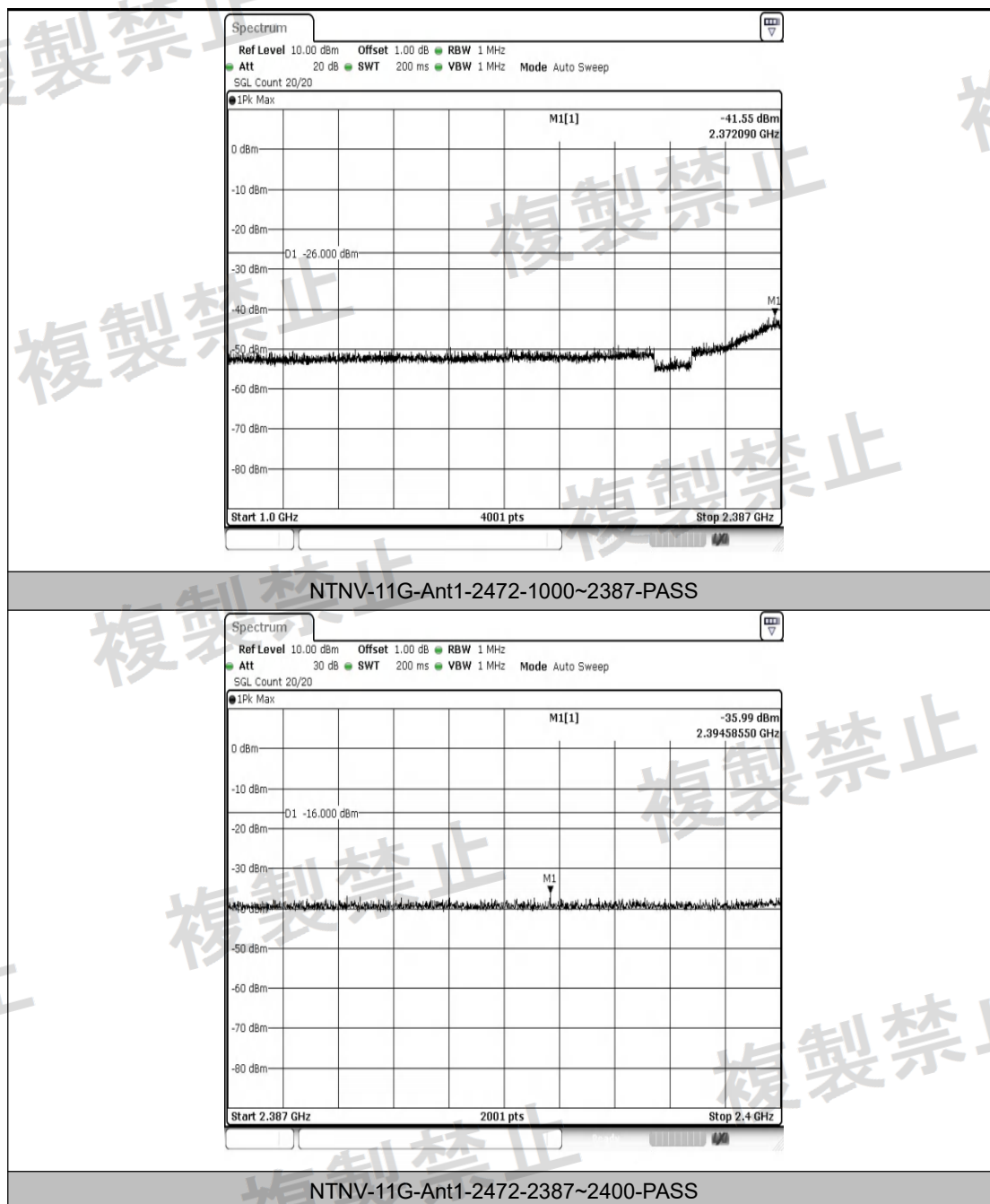


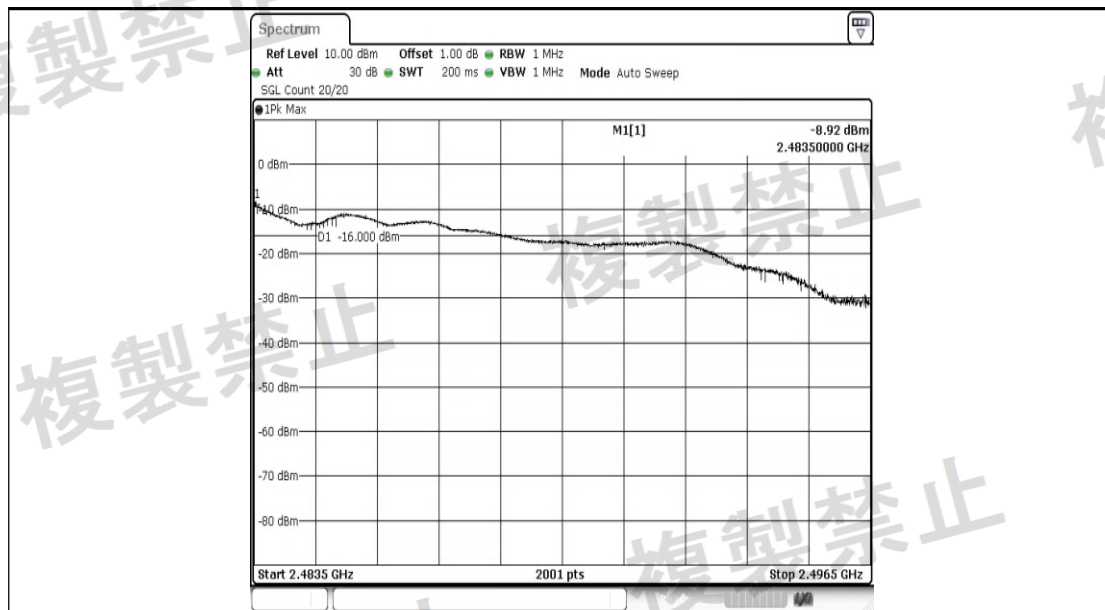
NTNV-11G-Ant1-2442-1000~2387-PASS



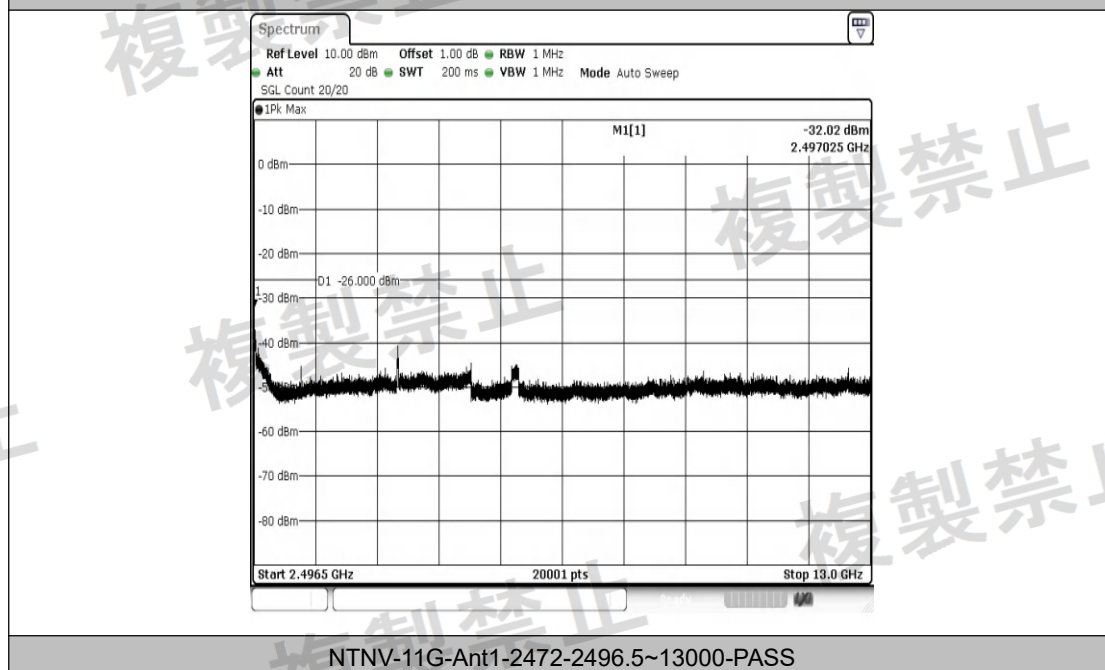






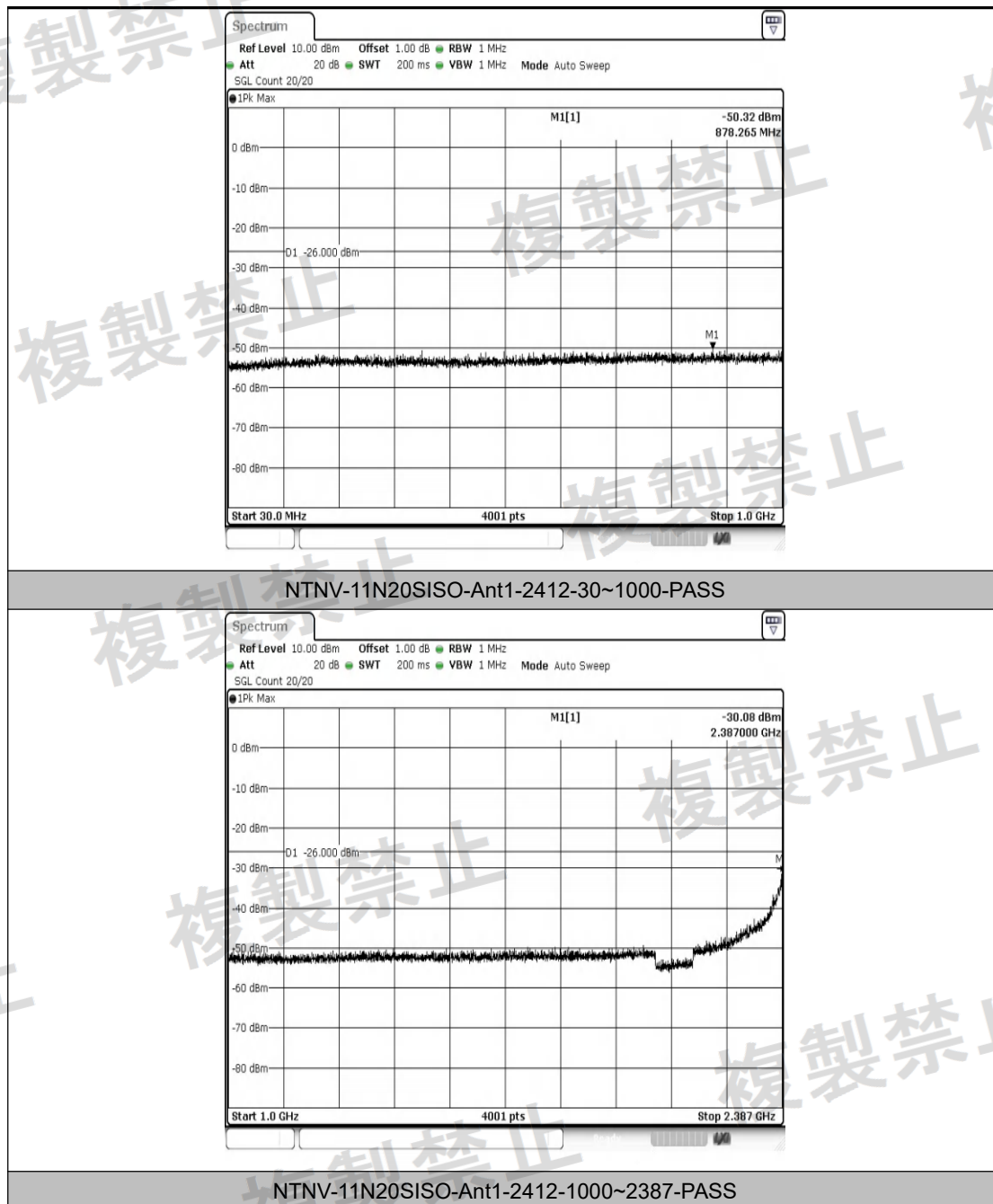


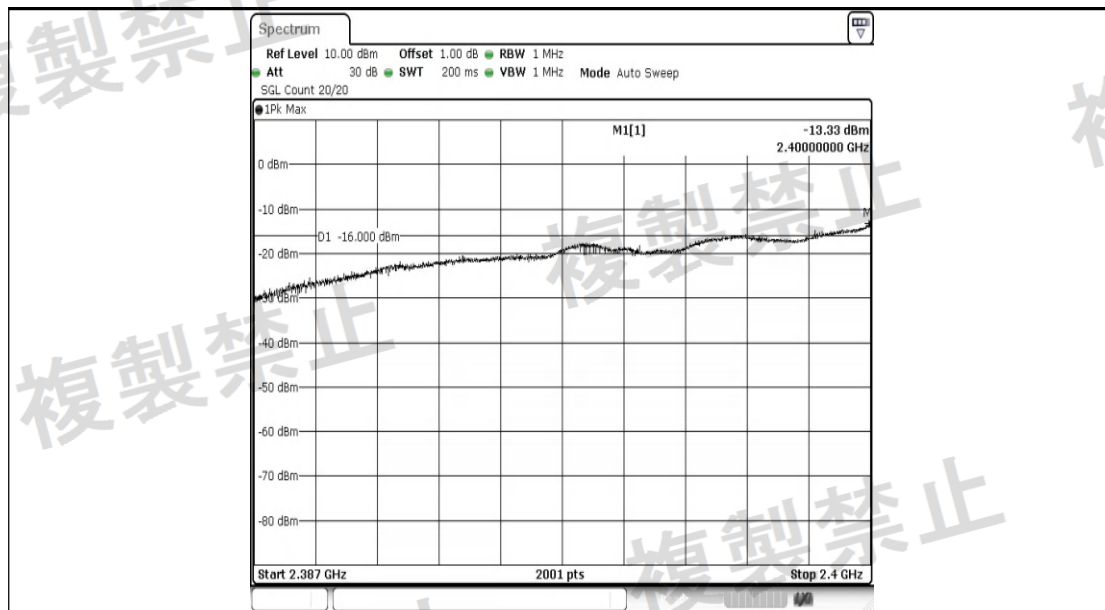
NTNV-11G-Ant1-2472-2483.5~2496.5-See table below



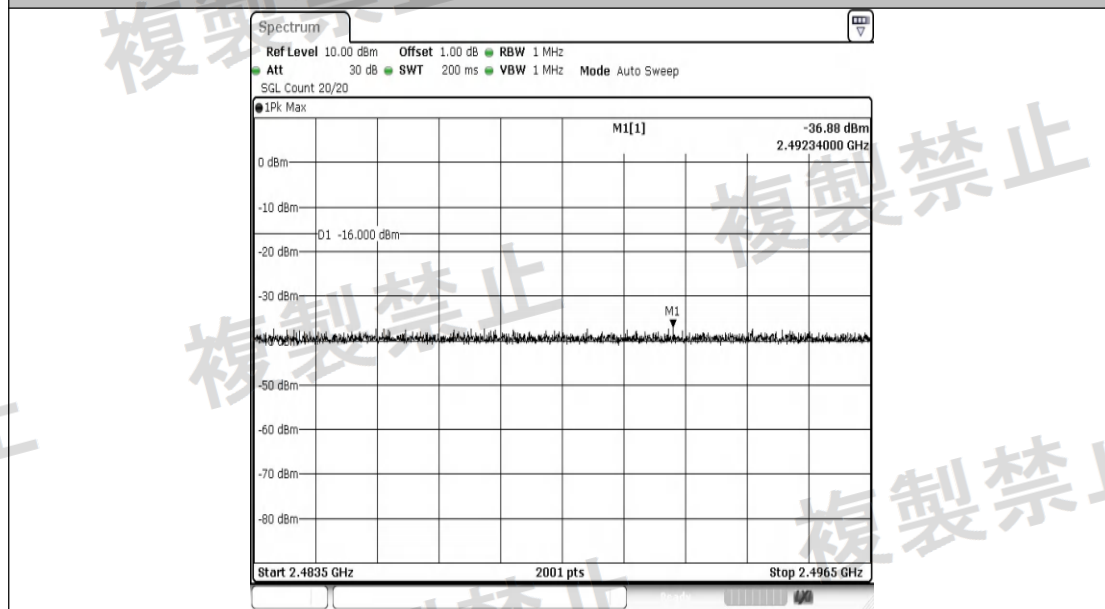
NTNV-11G-Ant1-2472-2496.5~13000-PASS





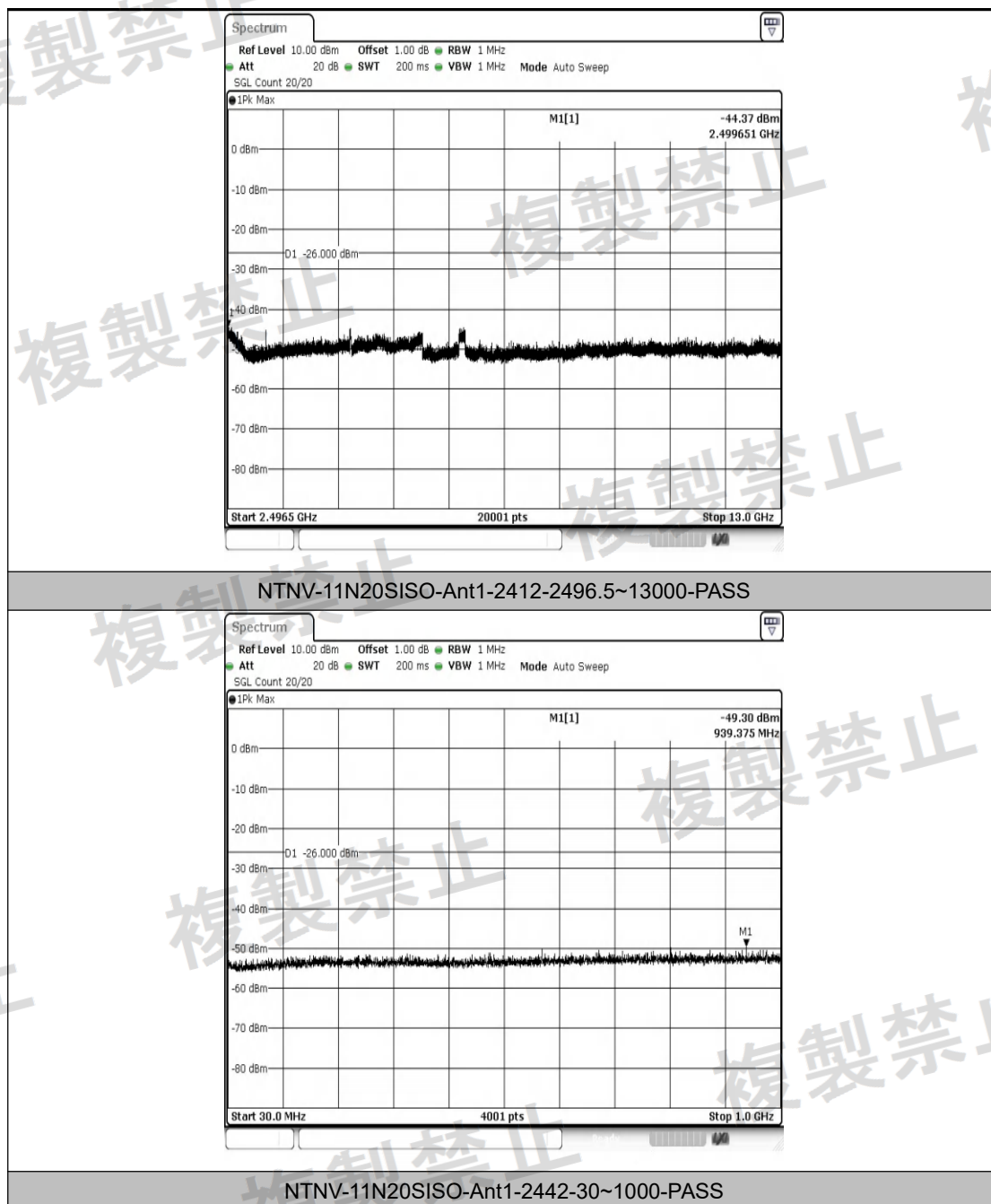


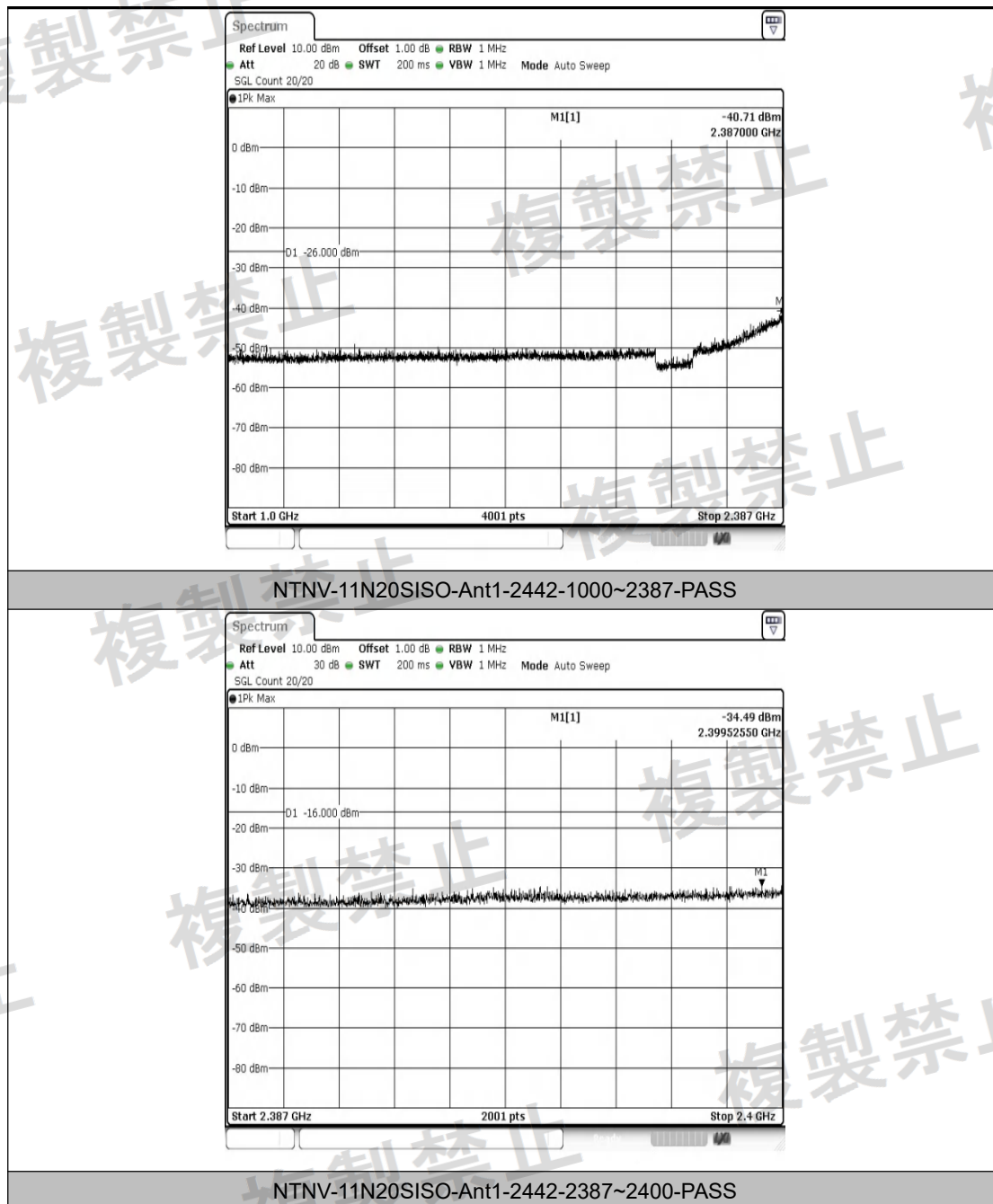
NTNV-11N20SISO-Ant1-2412-2387~2400-See table below

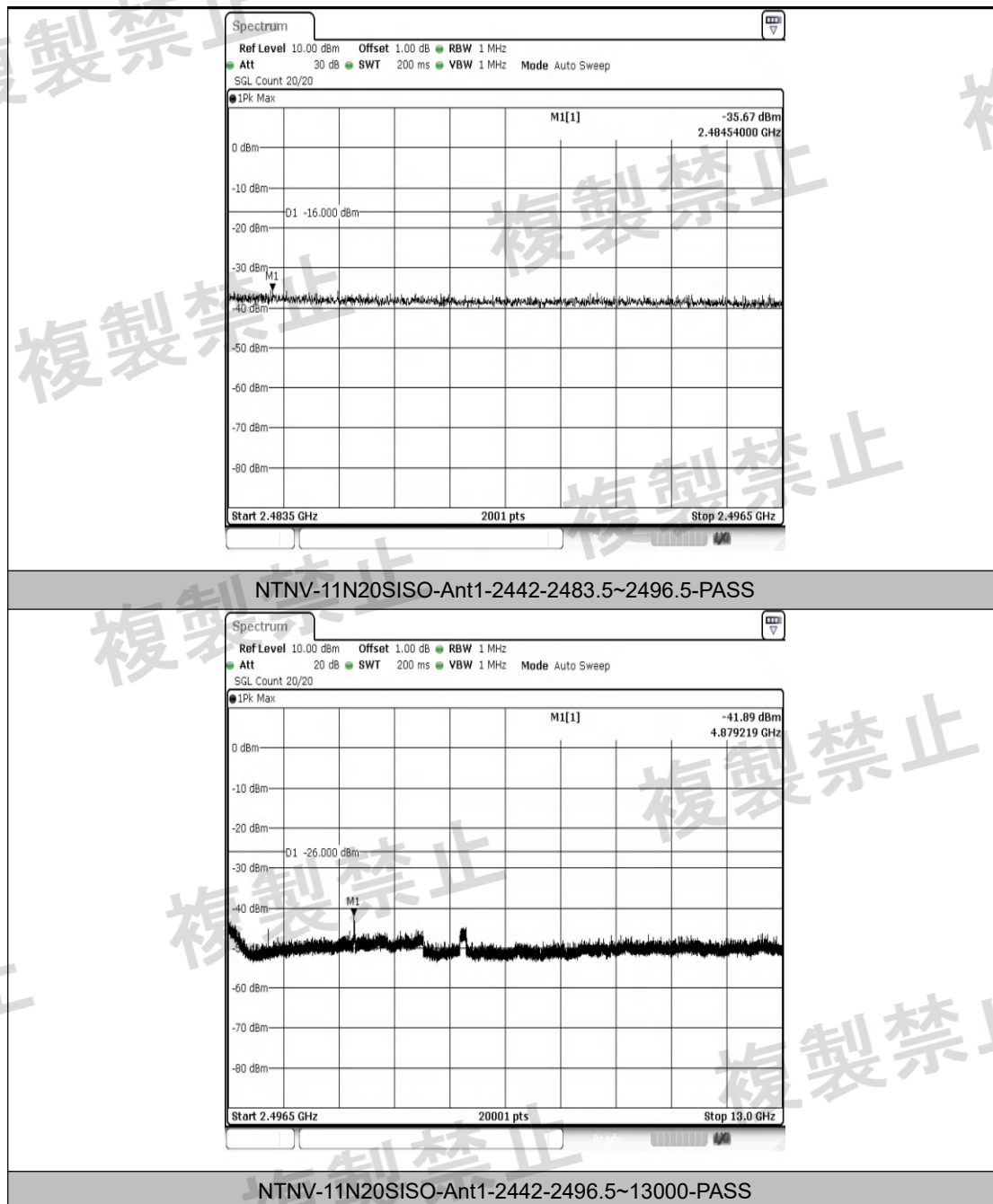


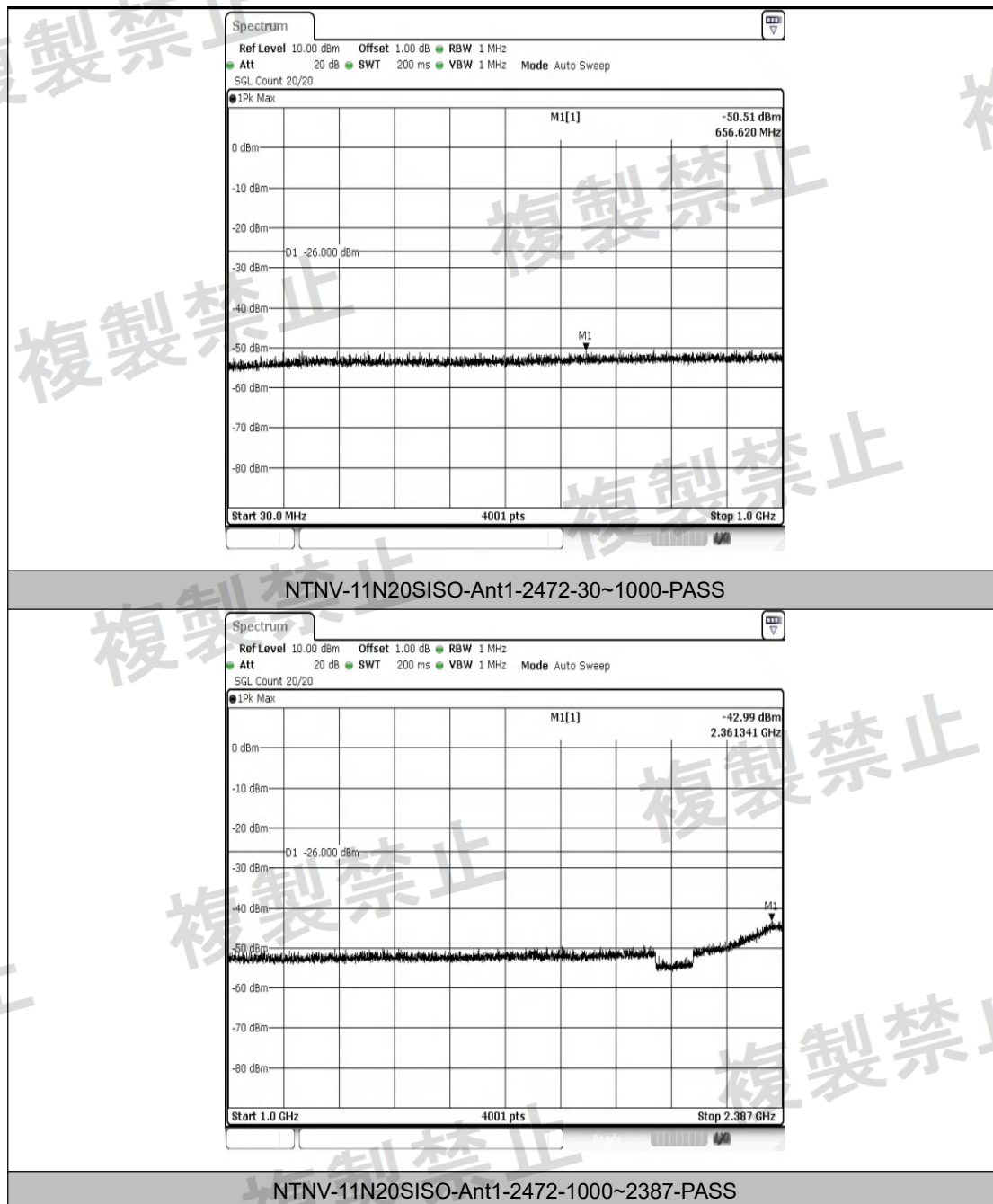
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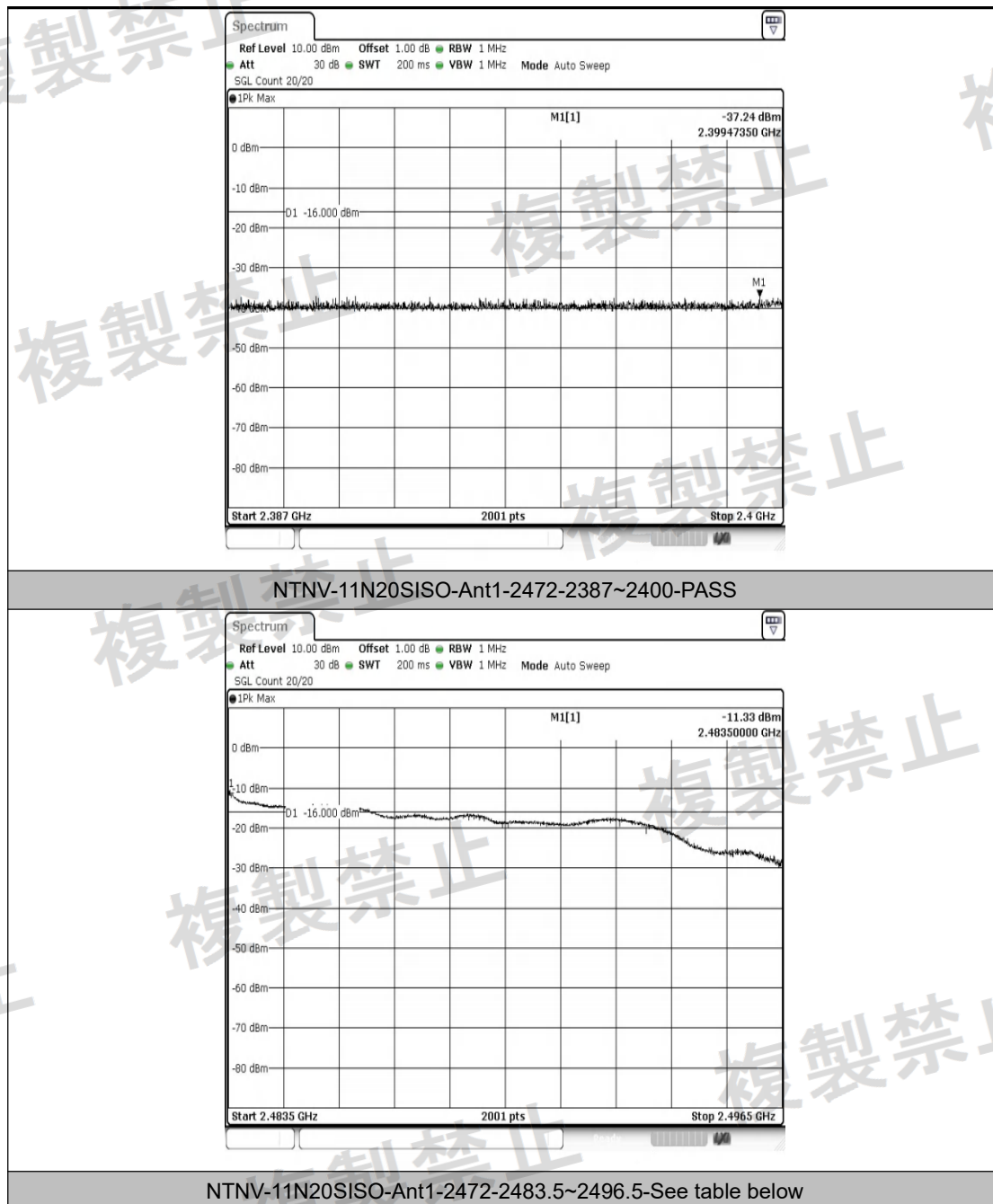


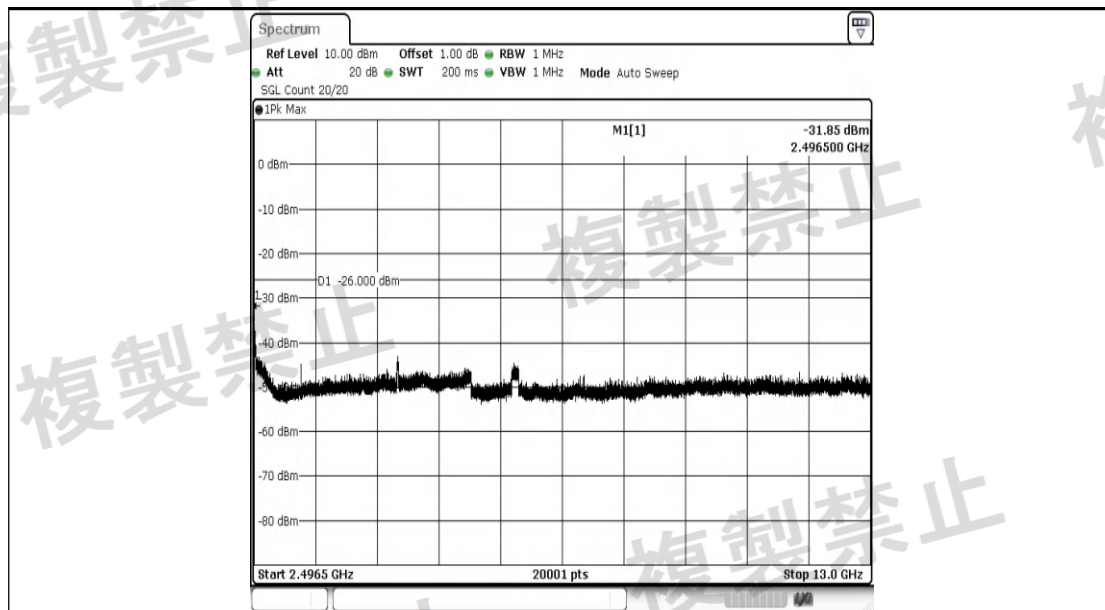




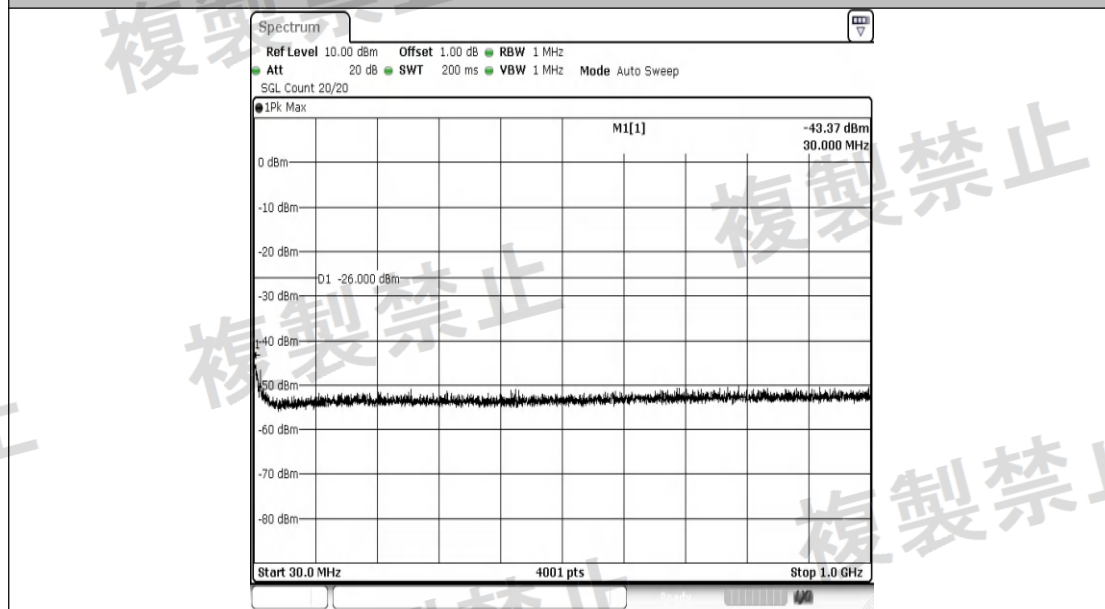






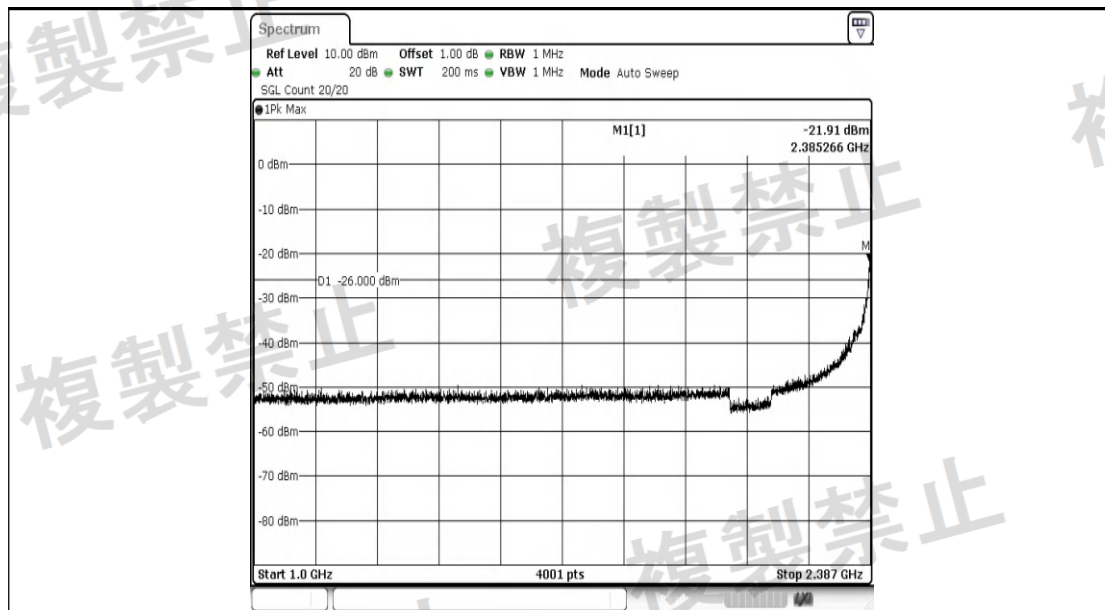


NTNV-11N20SISO-Ant1-2472-2496.5~13000-PASS

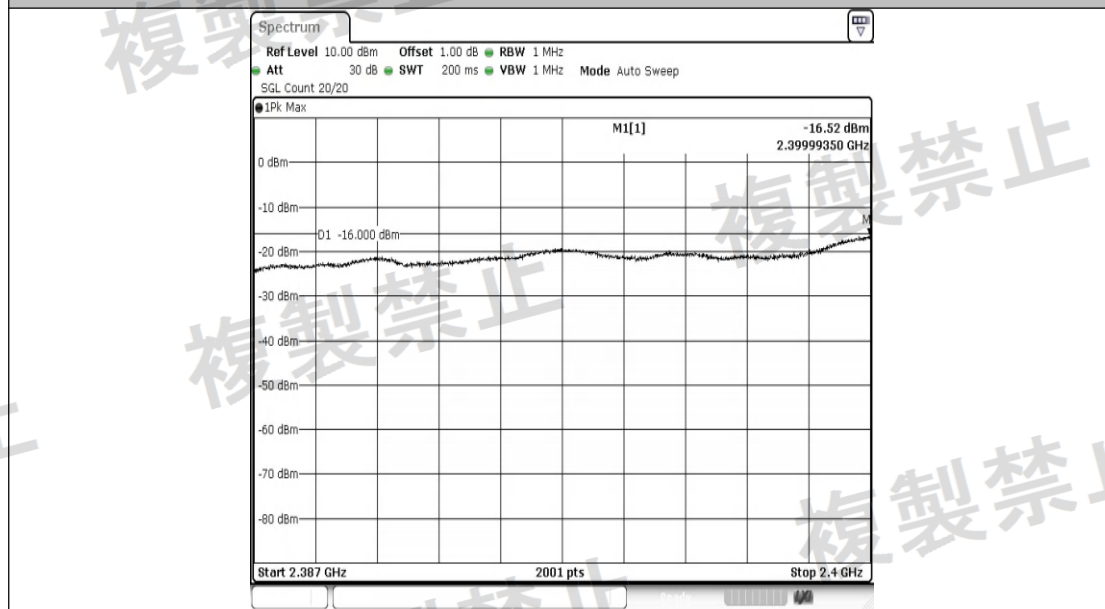


NTNV-11N40SISO-Ant1-2422-30~1000-PASS



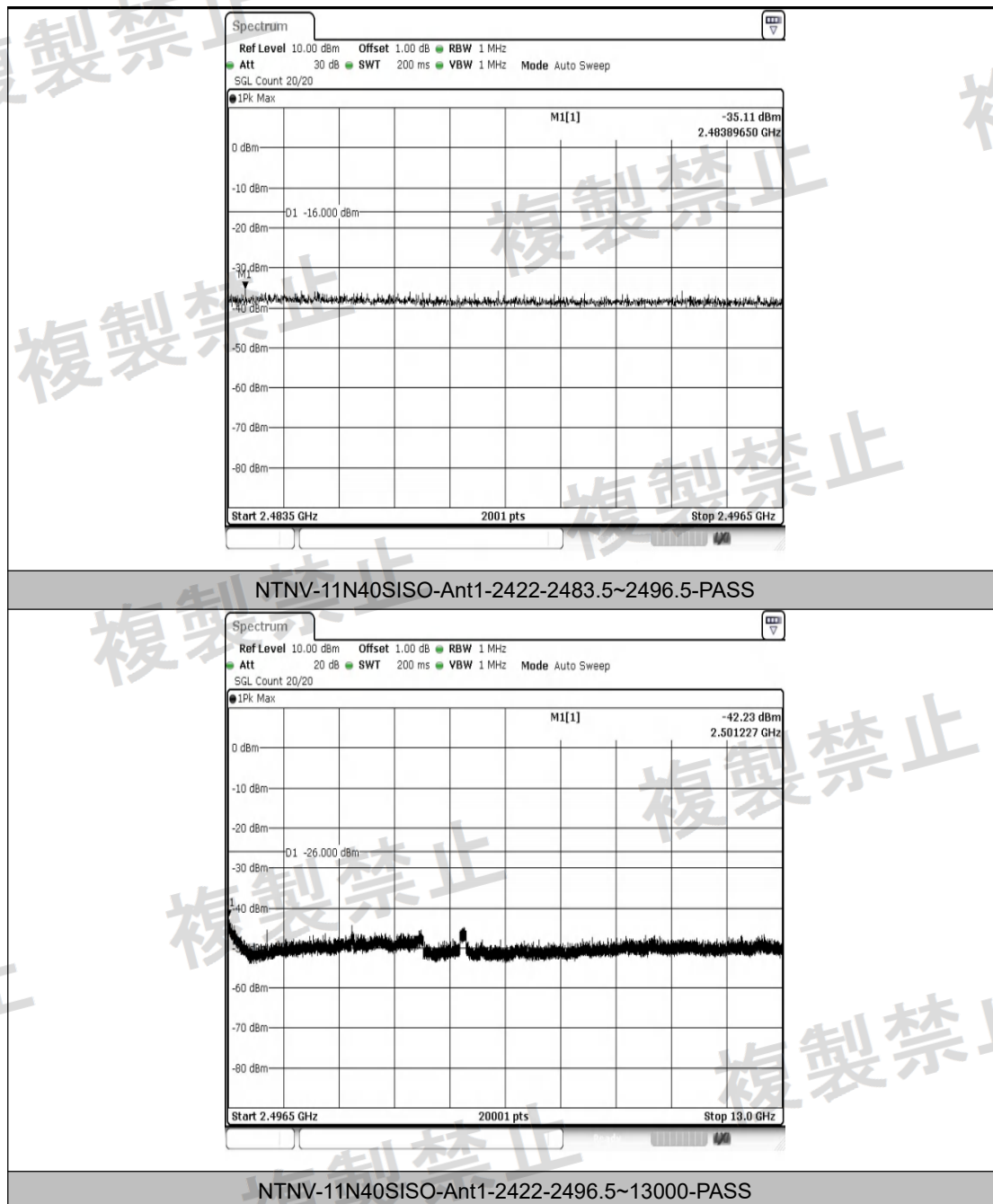


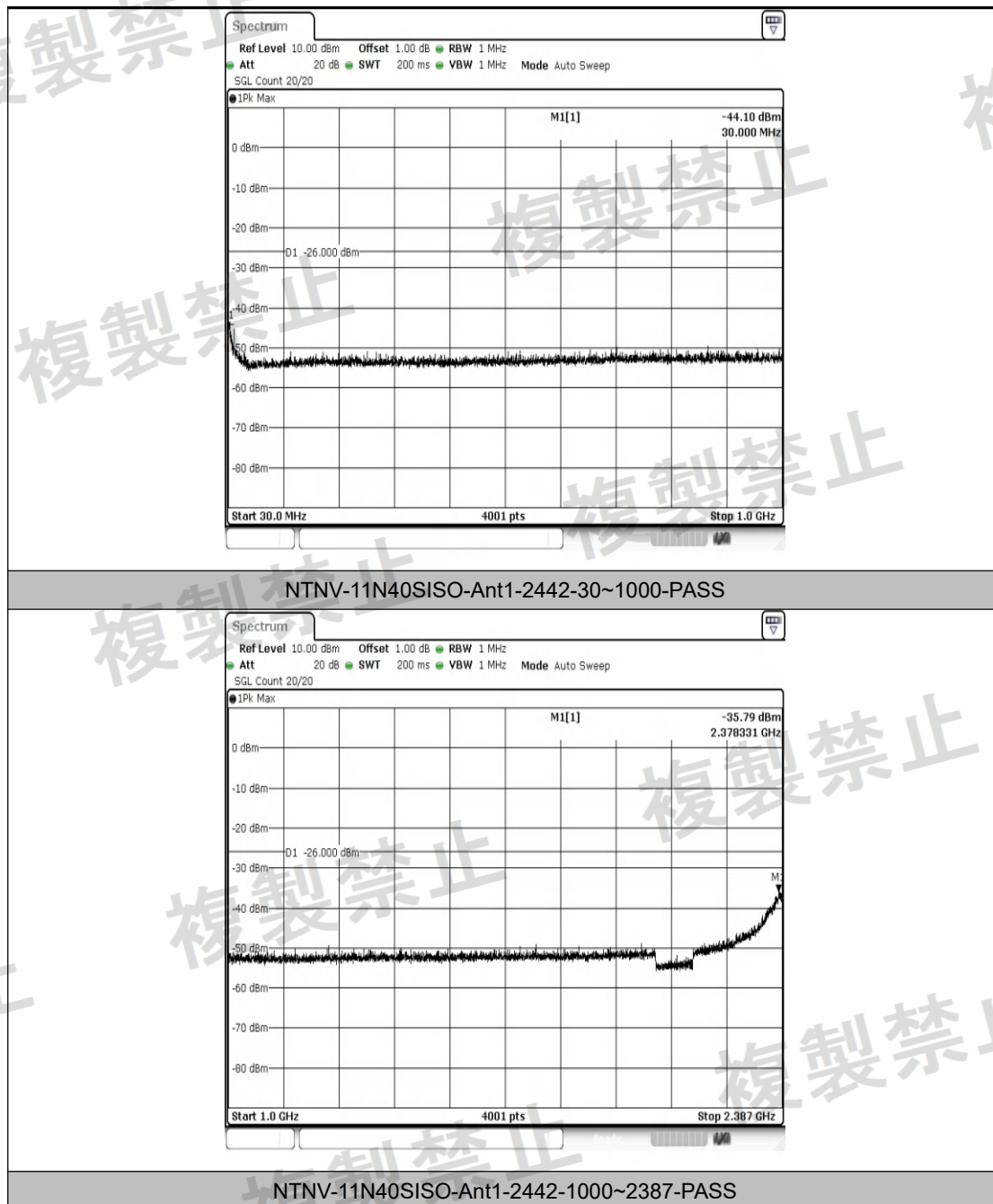
NTNV-11N40SISO-Ant1-2422-1000~2387-See table below

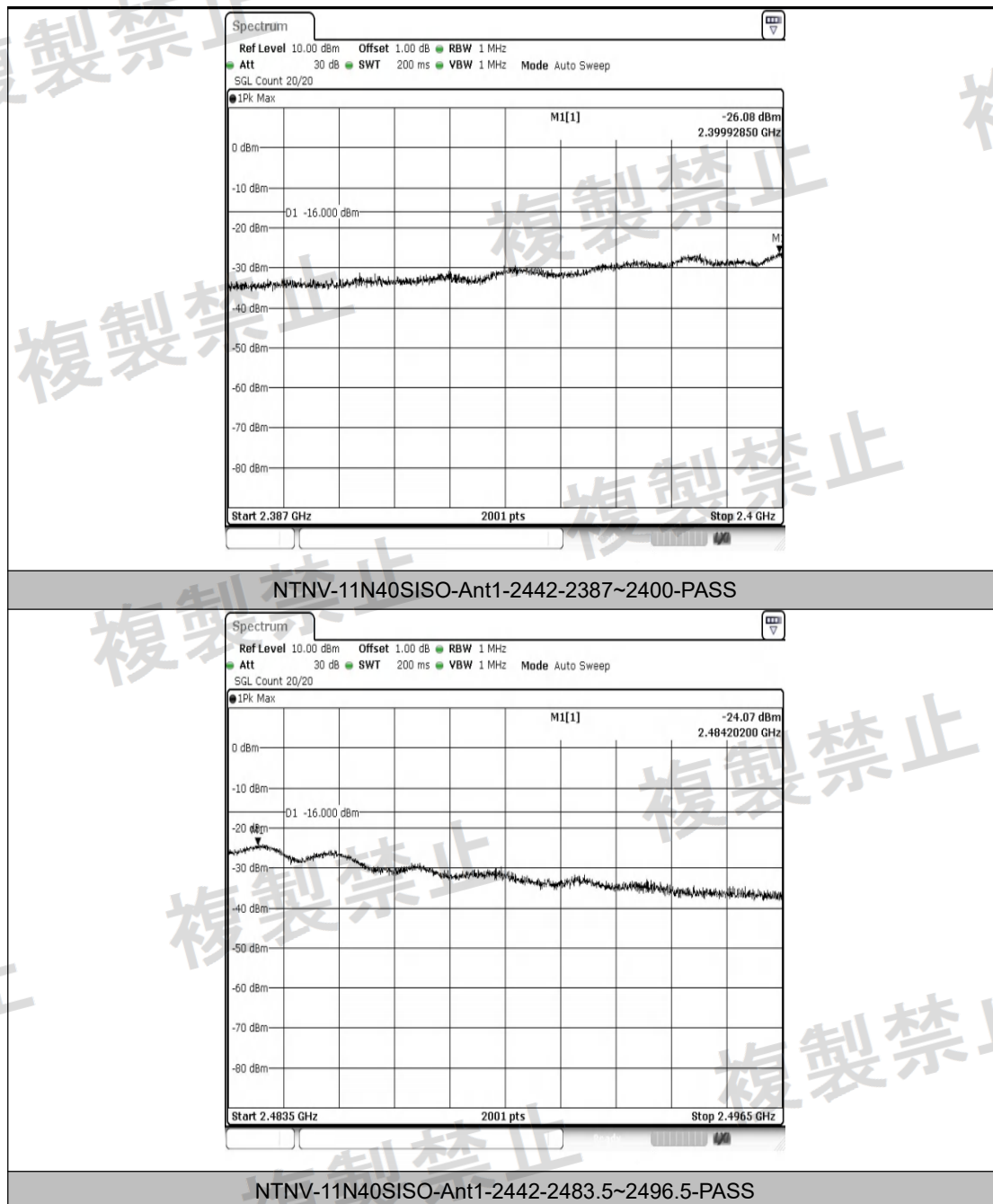


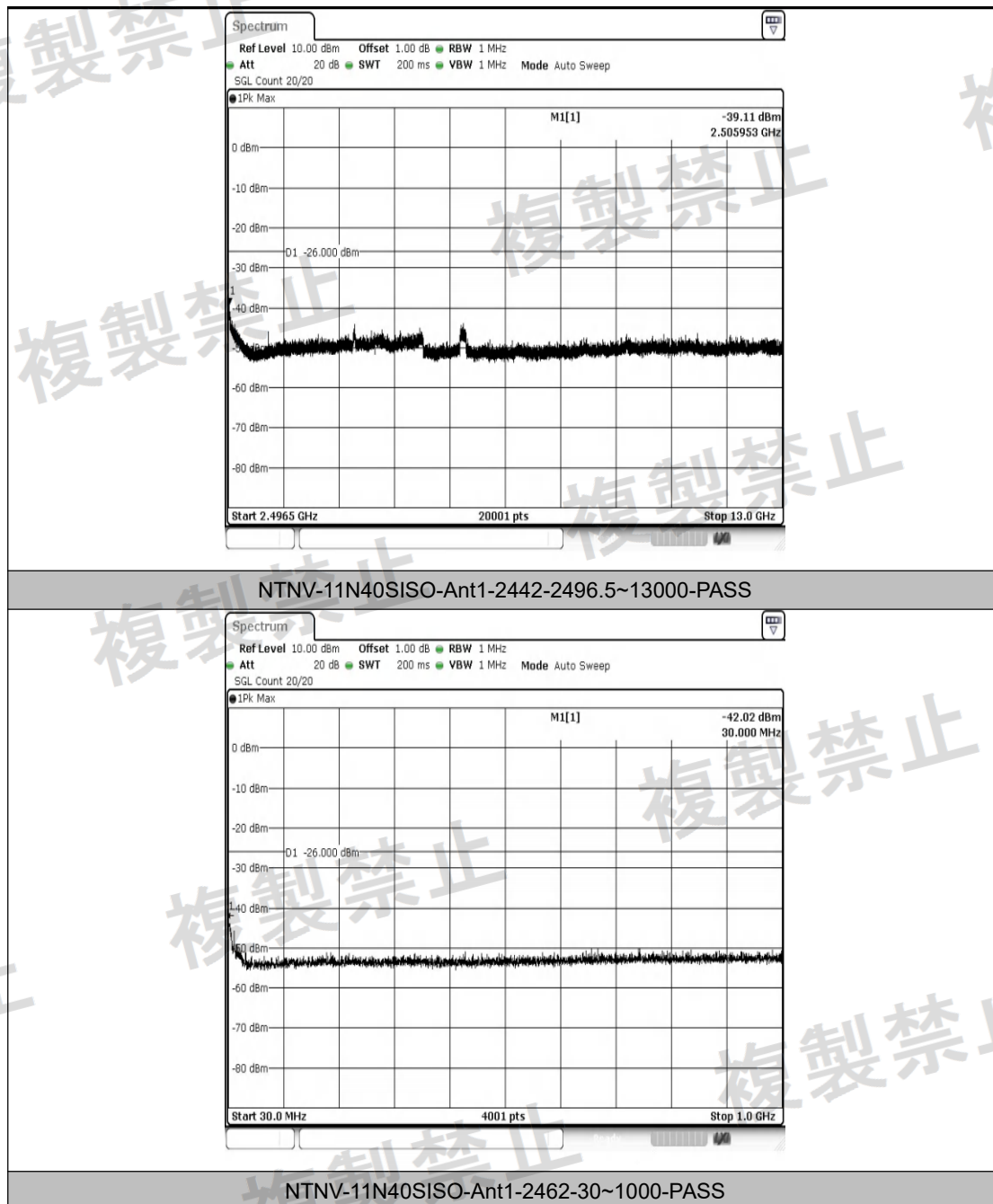
NTNV-11N40SISO-Ant1-2422-2387~2400-See table below

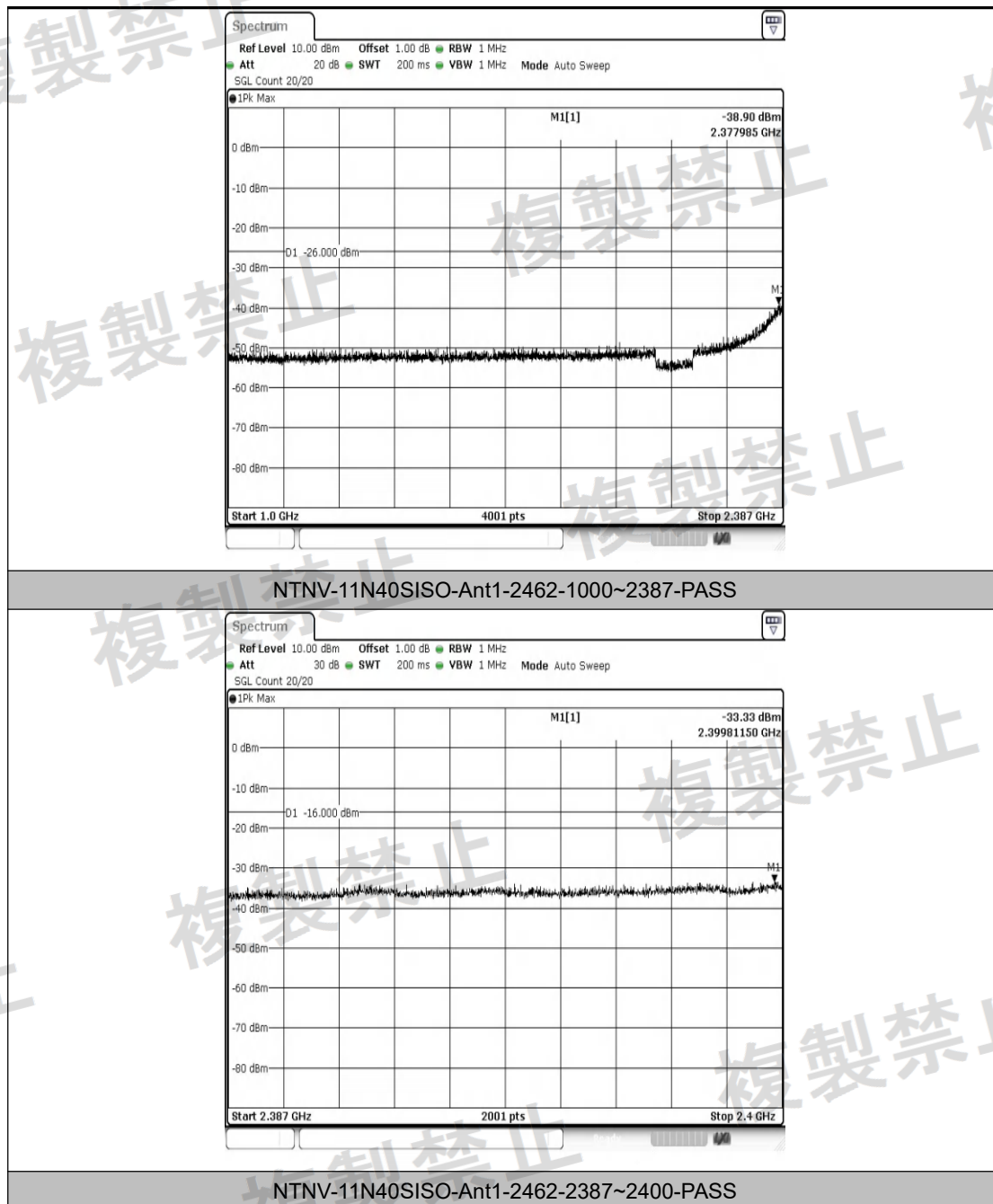


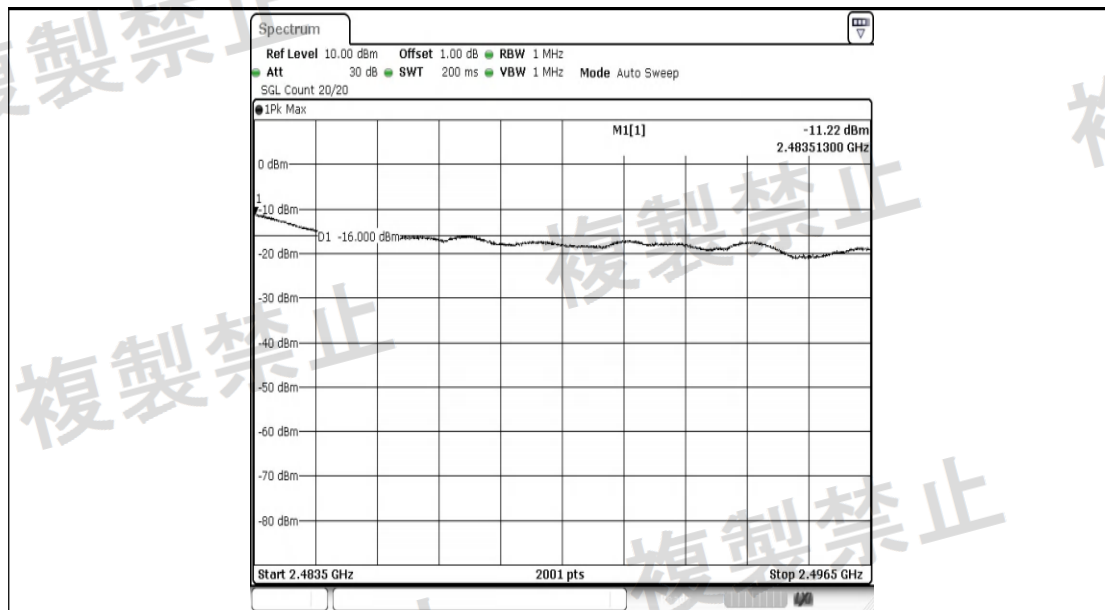




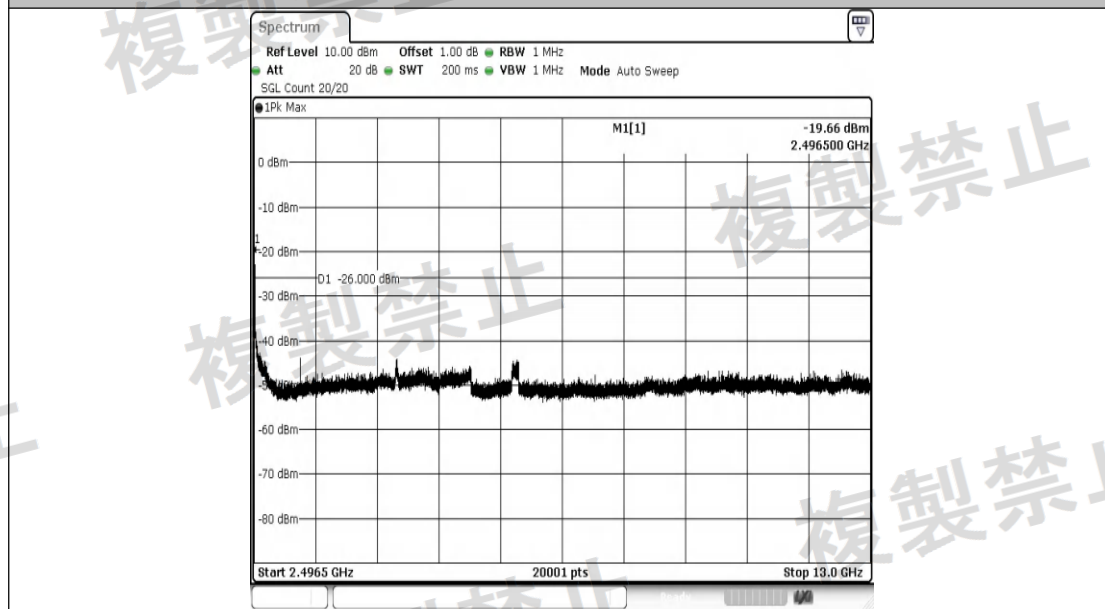








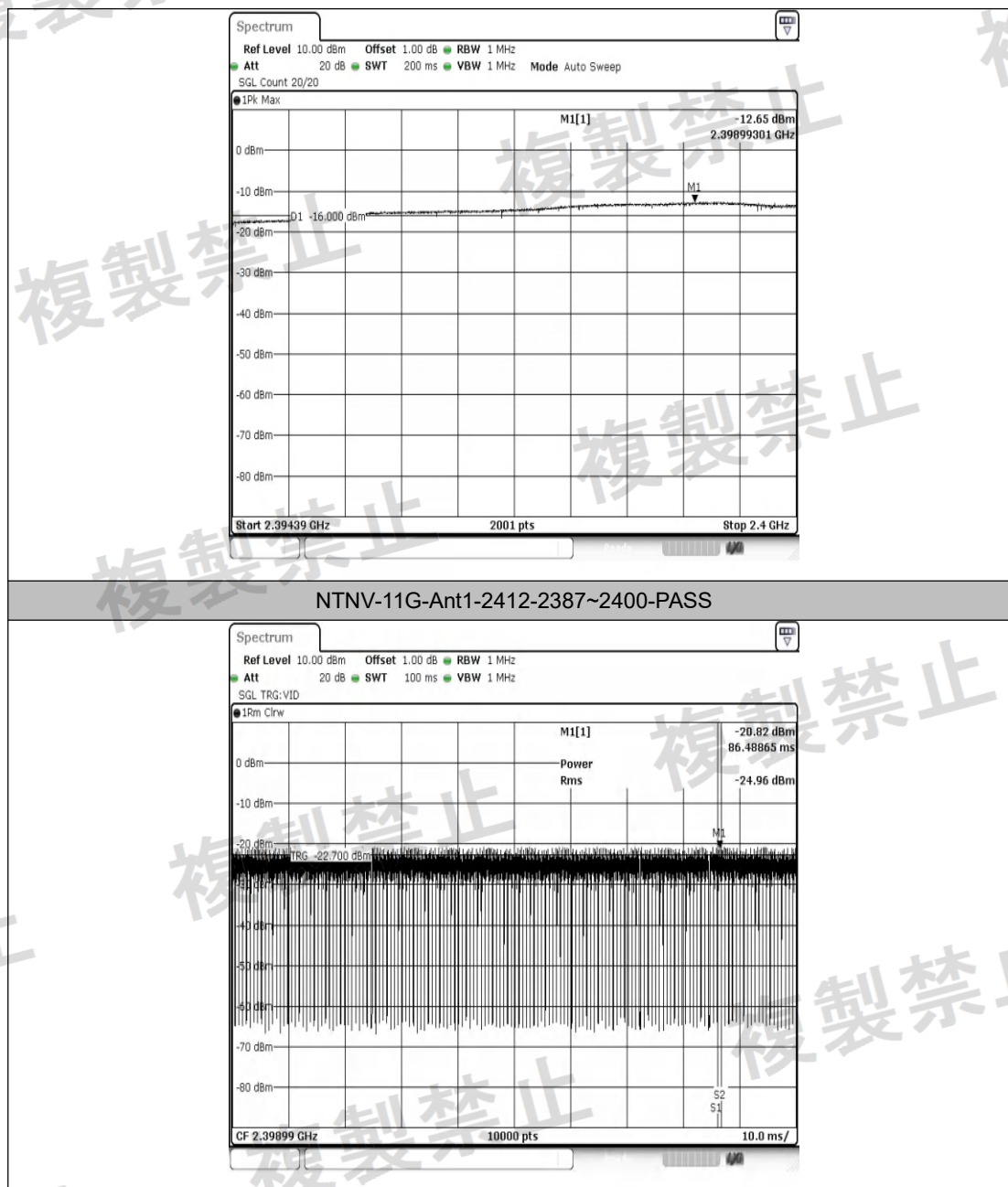
NTNV-11N40SISO-Ant1-2462-2483.5~2496.5-See table below

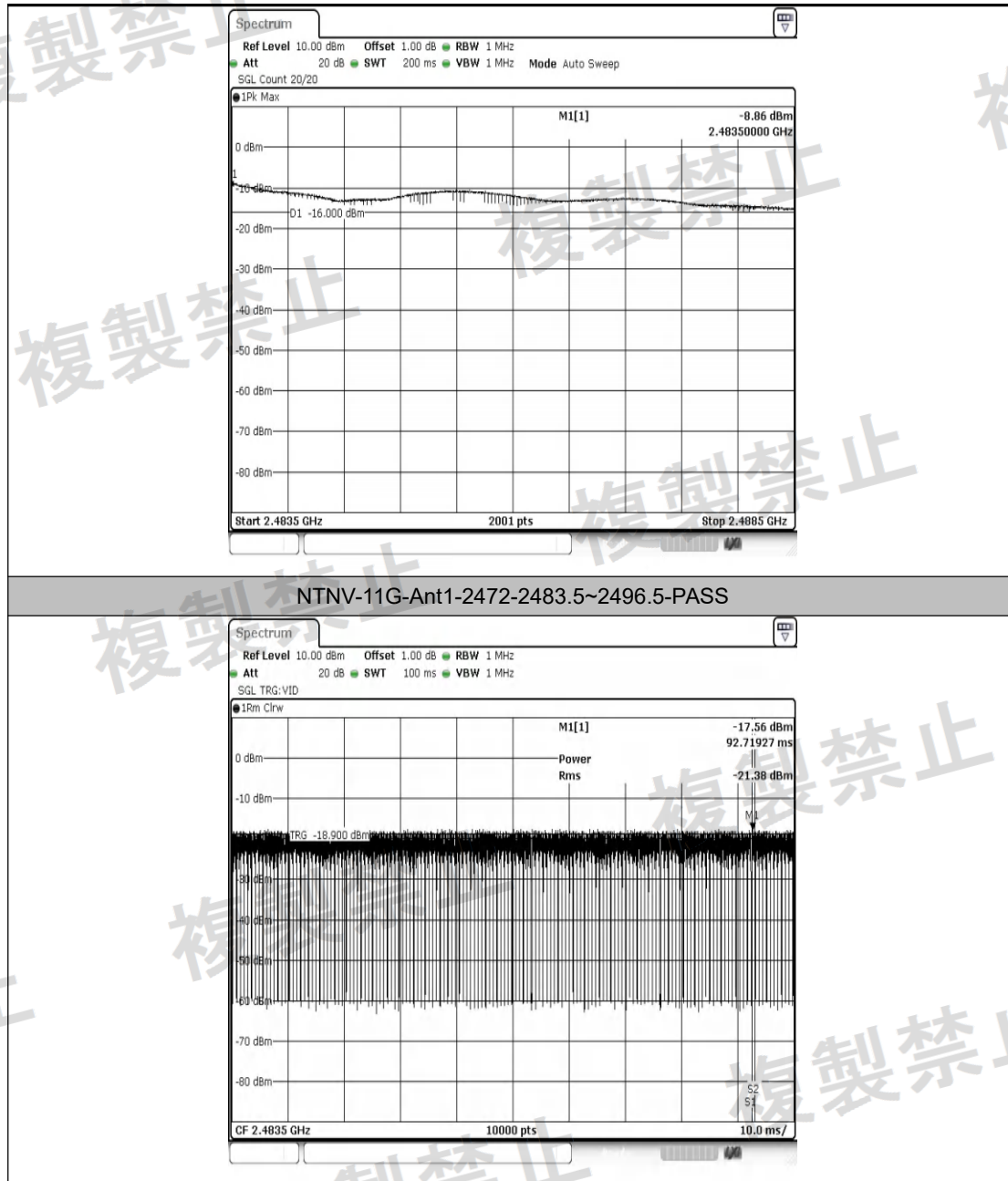


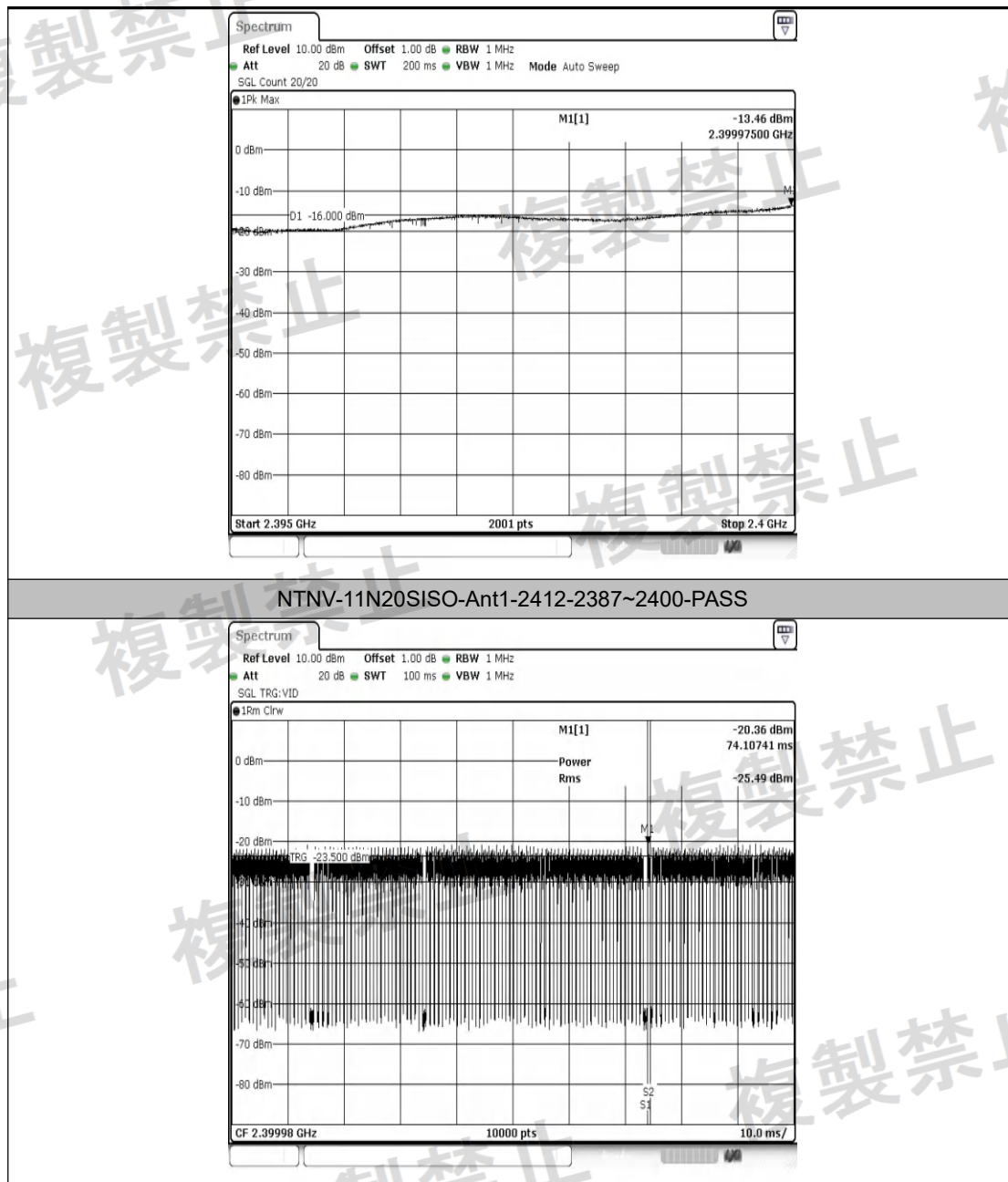
NTNV-11N40SISO-Ant1-2462-2496.5~13000-See table below

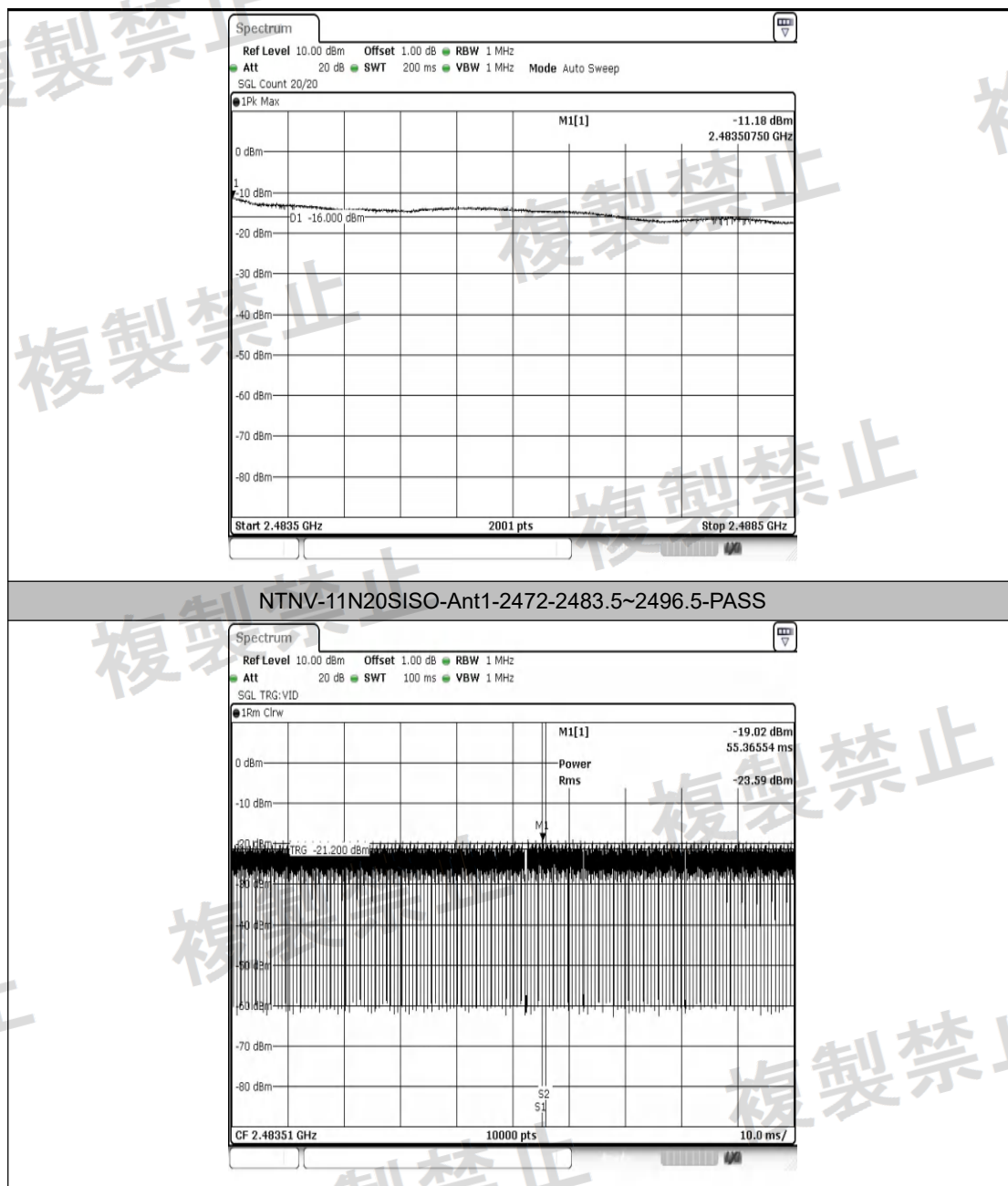


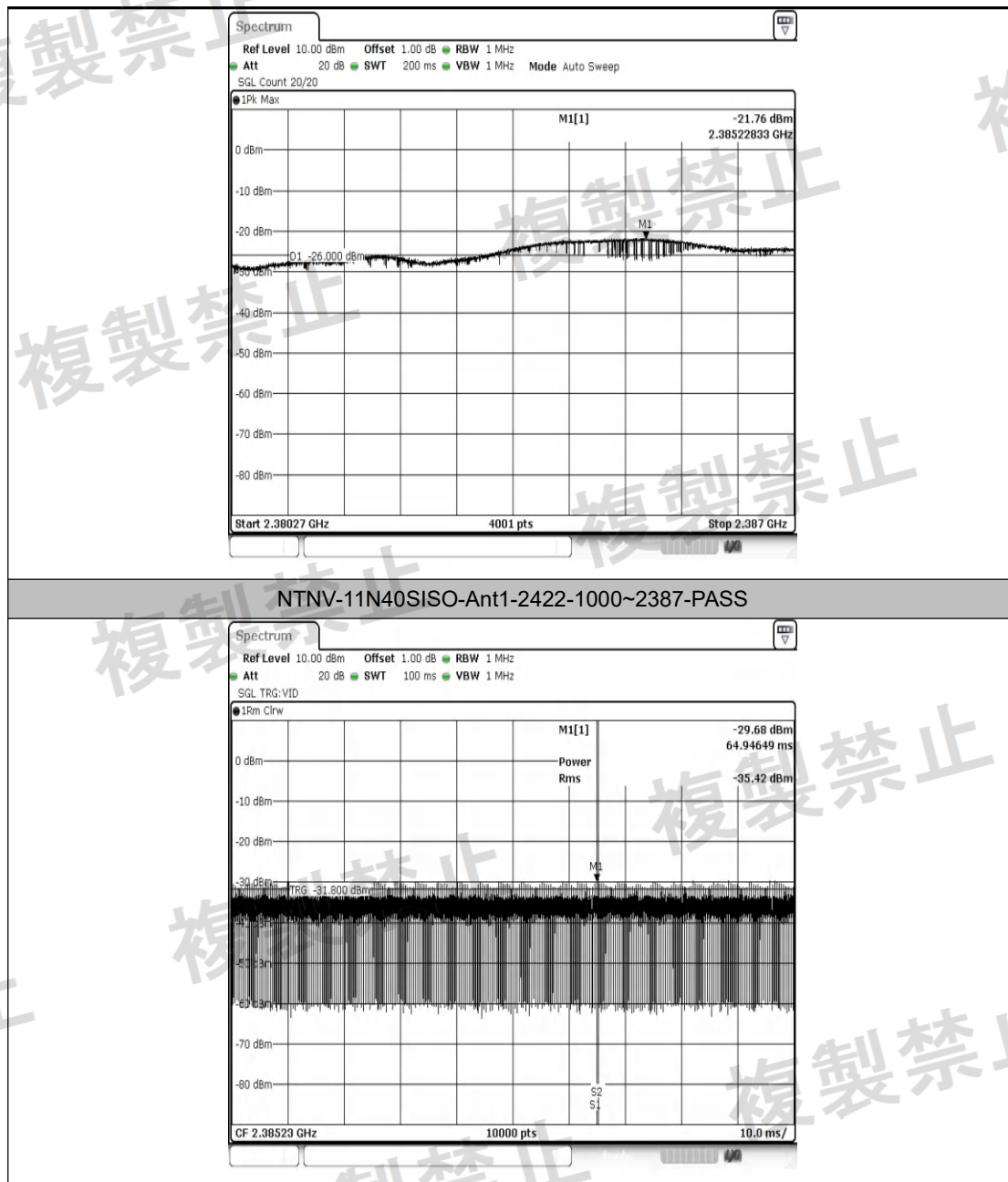
Test Graphs_Step2

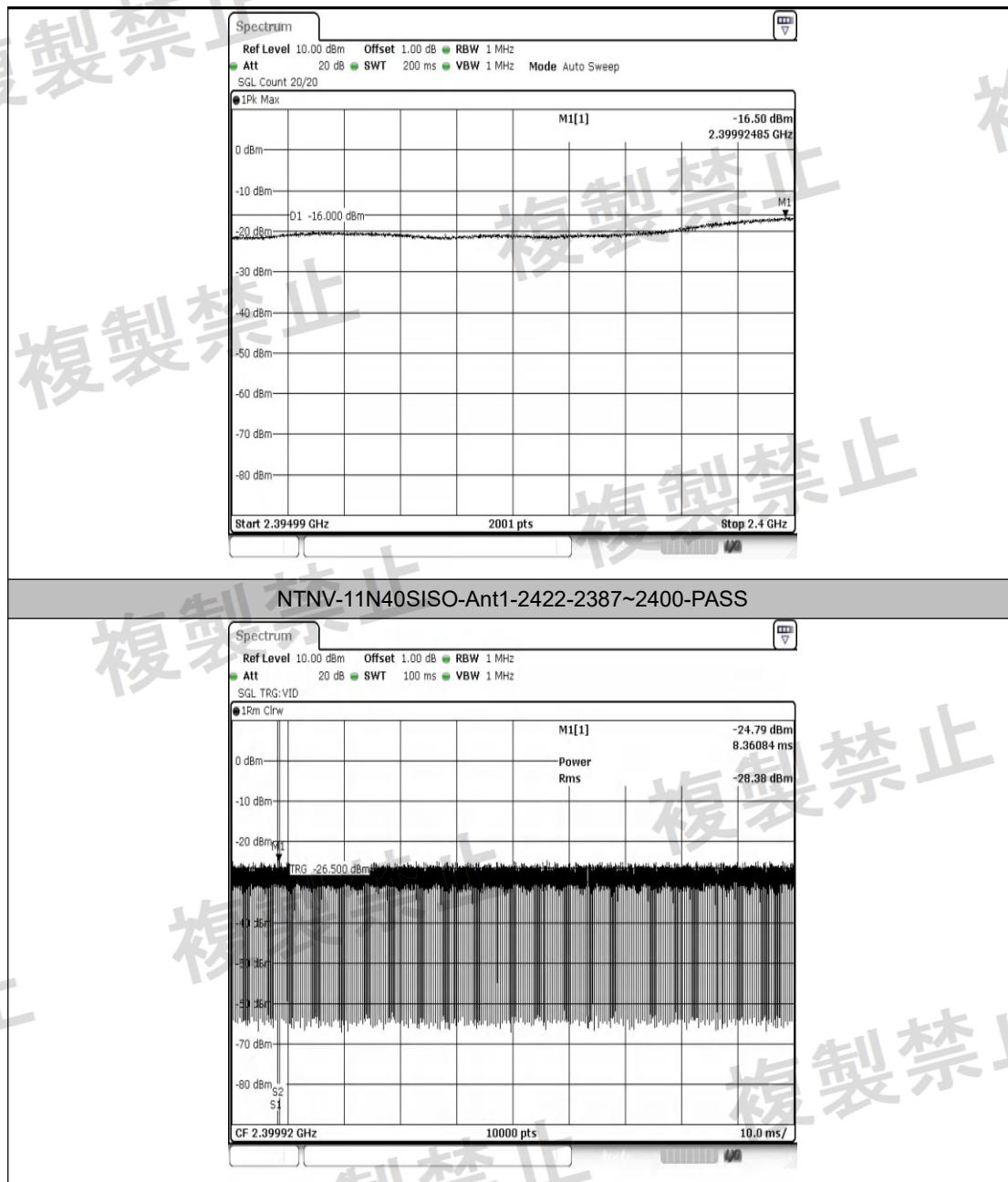


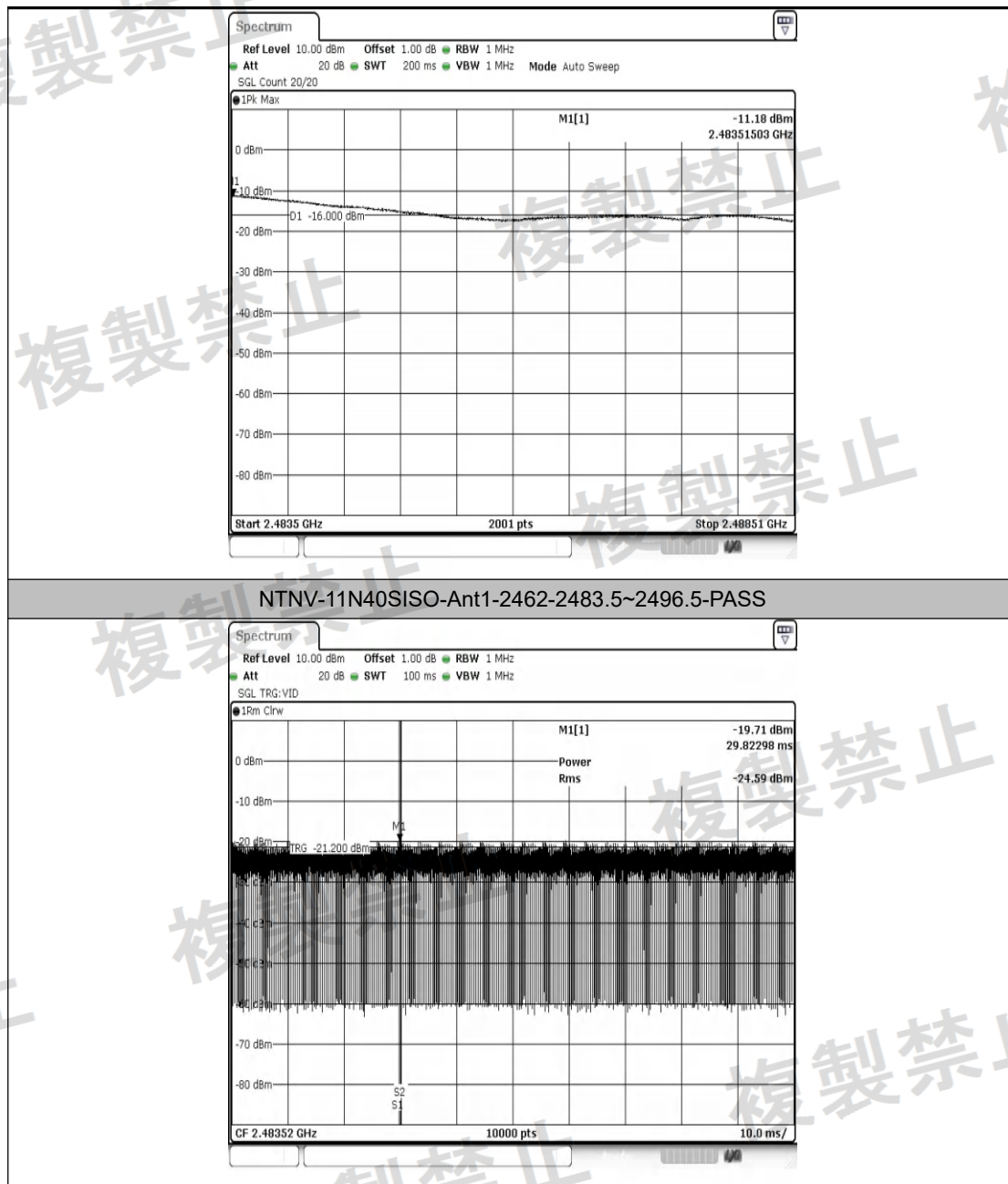


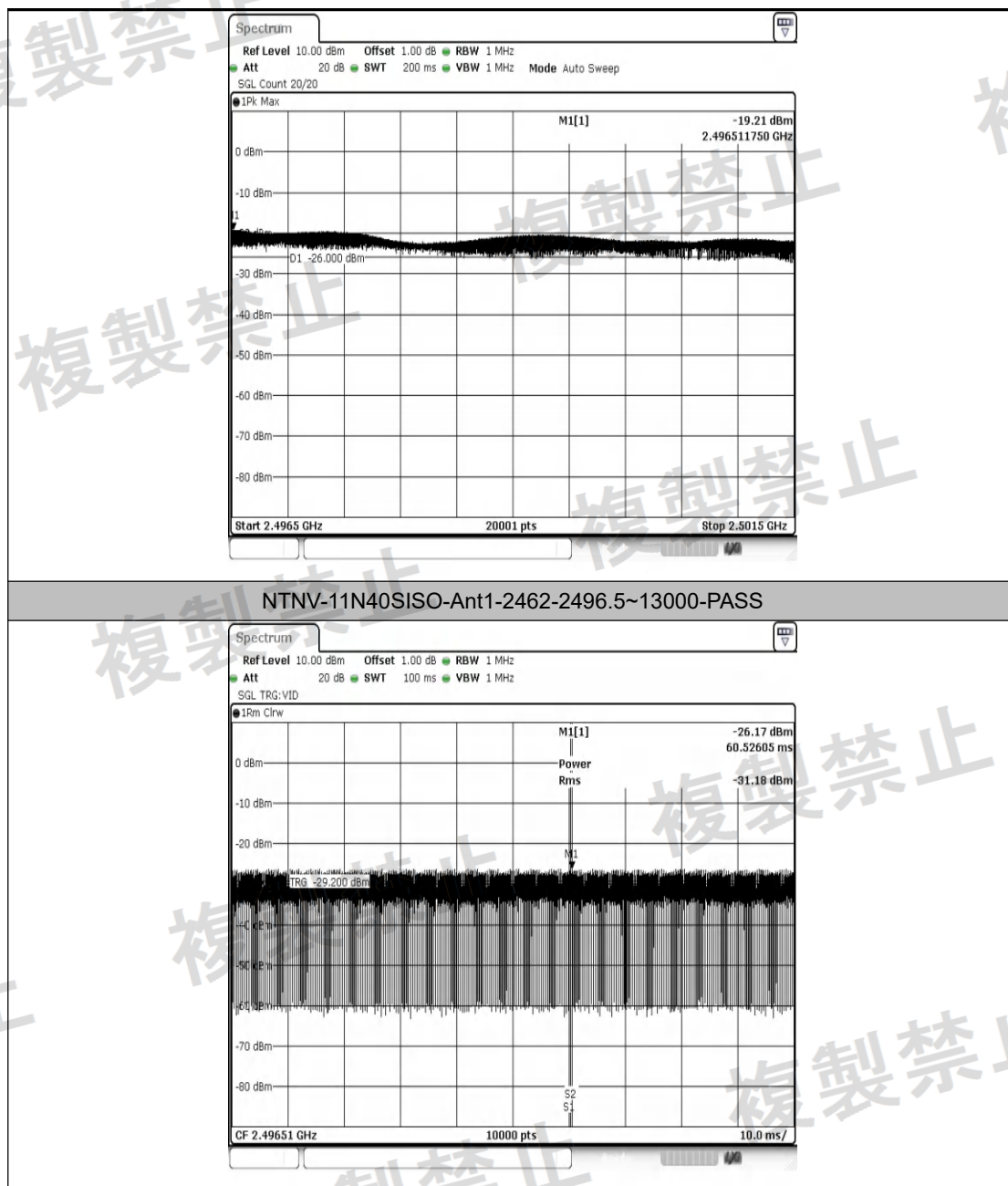












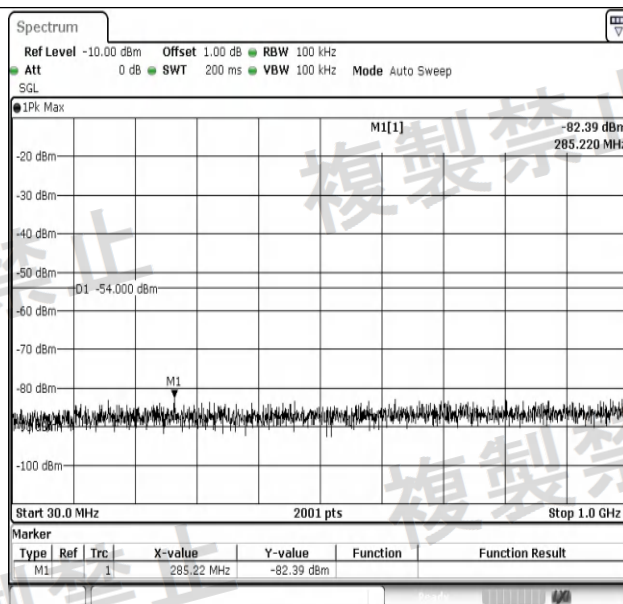
Appendix E: Spurious Emission of RX

Test Result

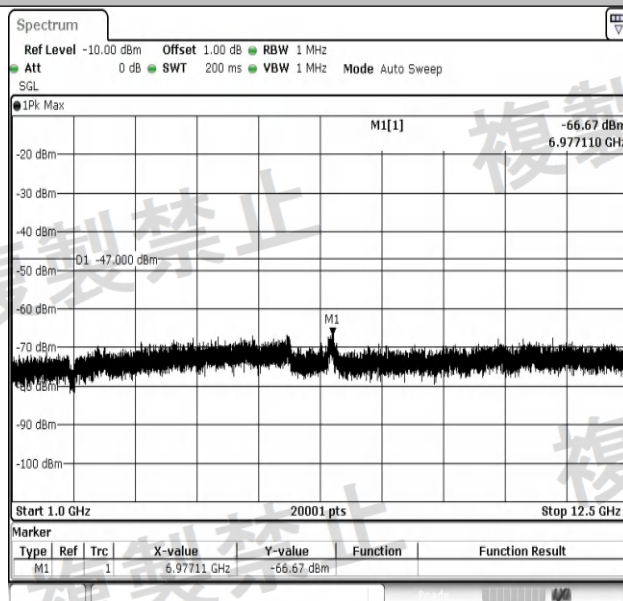
Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2412	30~1000	285.22	-82.39	≤-54	0.00577	≤4	PASS
NTNV	11B	Ant1	2412	1000~12500	6977.11	-66.67	≤-47	0.21528	≤20	PASS
NTNV	11B	Ant1	2442	30~1000	862.09	-82.39	≤-54	0.00577	≤4	PASS
NTNV	11B	Ant1	2442	1000~12500	6932.27	-64.95	≤-47	0.31989	≤20	PASS
NTNV	11B	Ant1	2472	30~1000	206.21	-82.20	≤-54	0.00603	≤4	PASS
NTNV	11B	Ant1	2472	1000~12500	6164.10	-65.88	≤-47	0.25823	≤20	PASS
NTNV	11G	Ant1	2412	30~1000	965.34	-80.94	≤-54	0.00805	≤4	PASS
NTNV	11G	Ant1	2412	1000~12500	6979.99	-66.11	≤-47	0.24491	≤20	PASS
NTNV	11G	Ant1	2442	30~1000	869.84	-82.18	≤-54	0.00605	≤4	PASS
NTNV	11G	Ant1	2442	1000~12500	6156.63	-65.83	≤-47	0.26122	≤20	PASS
NTNV	11G	Ant1	2472	30~1000	670.61	-82.14	≤-54	0.00611	≤4	PASS
NTNV	11G	Ant1	2472	1000~12500	6970.79	-65.46	≤-47	0.28445	≤20	PASS
NTNV	11N20SISO	Ant1	2412	30~1000	608.07	-81.68	≤-54	0.00679	≤4	PASS
NTNV	11N20SISO	Ant1	2412	1000~12500	6184.80	-66.13	≤-47	0.24378	≤20	PASS
NTNV	11N20SISO	Ant1	2442	30~1000	975.03	-82.48	≤-54	0.00565	≤4	PASS
NTNV	11N20SISO	Ant1	2442	1000~12500	6913.29	-65.85	≤-47	0.26002	≤20	PASS
NTNV	11N20SISO	Ant1	2472	30~1000	418.05	-82.32	≤-54	0.00586	≤4	PASS
NTNV	11N20SISO	Ant1	2472	1000~12500	5025.66	-65.65	≤-47	0.27227	≤20	PASS
NTNV	11N40SISO	Ant1	2422	30~1000	730.23	-81.98	≤-54	0.00634	≤4	PASS
NTNV	11N40SISO	Ant1	2422	1000~12500	5949.64	-65.90	≤-47	0.25704	≤20	PASS
NTNV	11N40SISO	Ant1	2442	30~1000	844.64	-82.33	≤-54	0.00585	≤4	PASS
NTNV	11N40SISO	Ant1	2442	1000~12500	6963.31	-66.05	≤-47	0.24831	≤20	PASS
NTNV	11N40SISO	Ant1	2462	30~1000	938.68	-82.43	≤-54	0.00571	≤4	PASS
NTNV	11N40SISO	Ant1	2462	1000~12500	6904.09	-65.87	≤-47	0.25882	≤20	PASS



Test Graphs

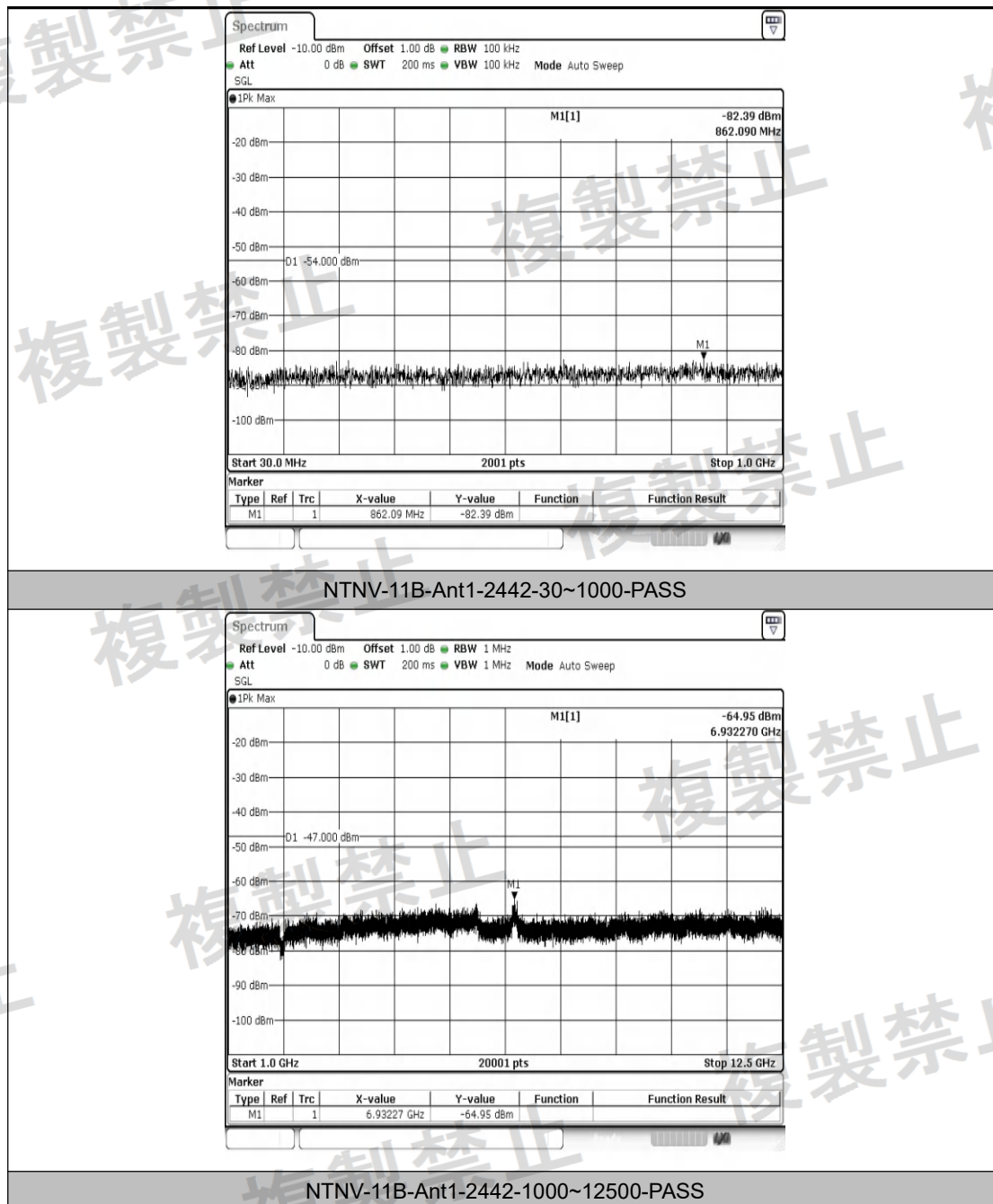


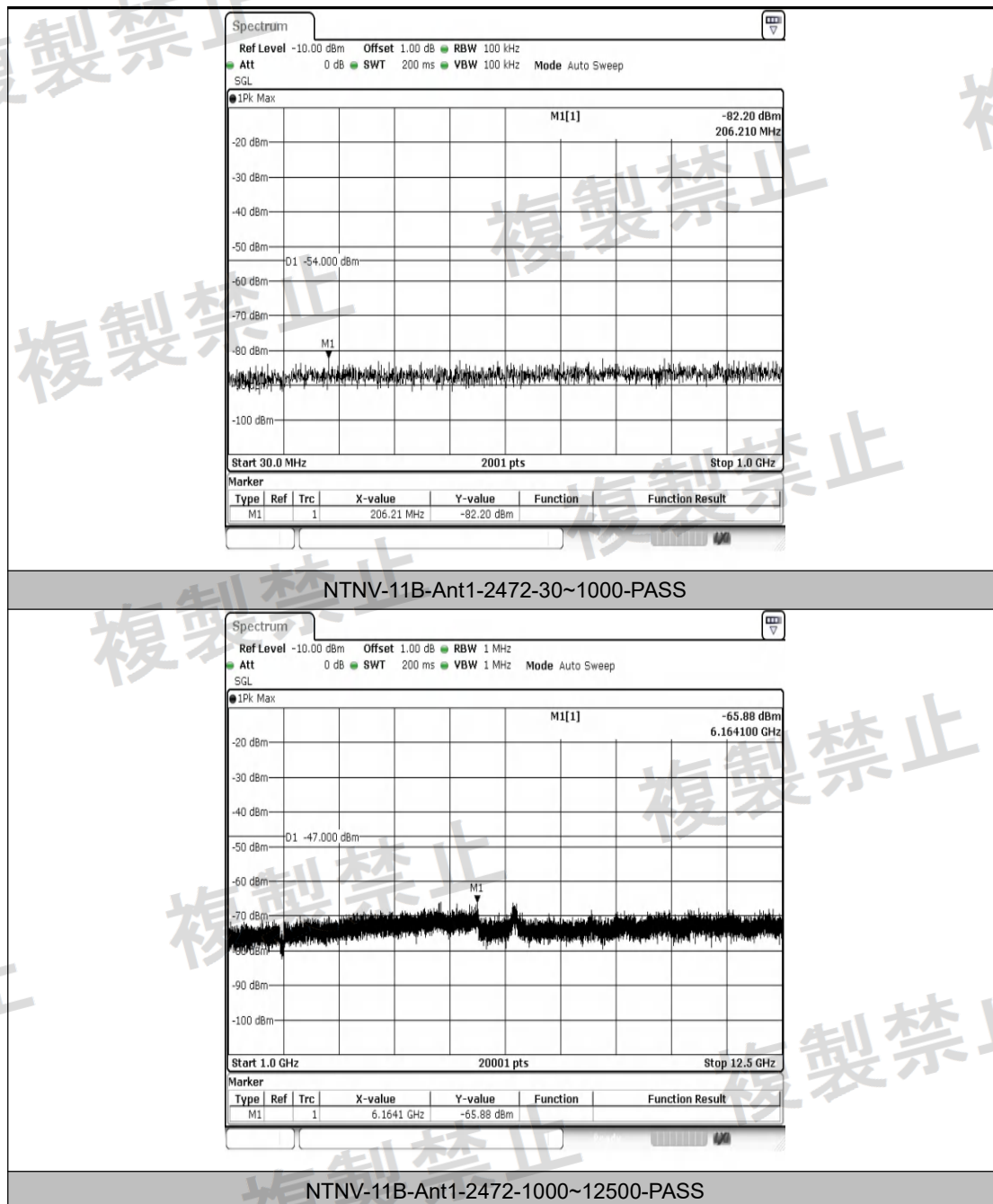
NTNV-11B-Ant1-2412-30~1000-PASS

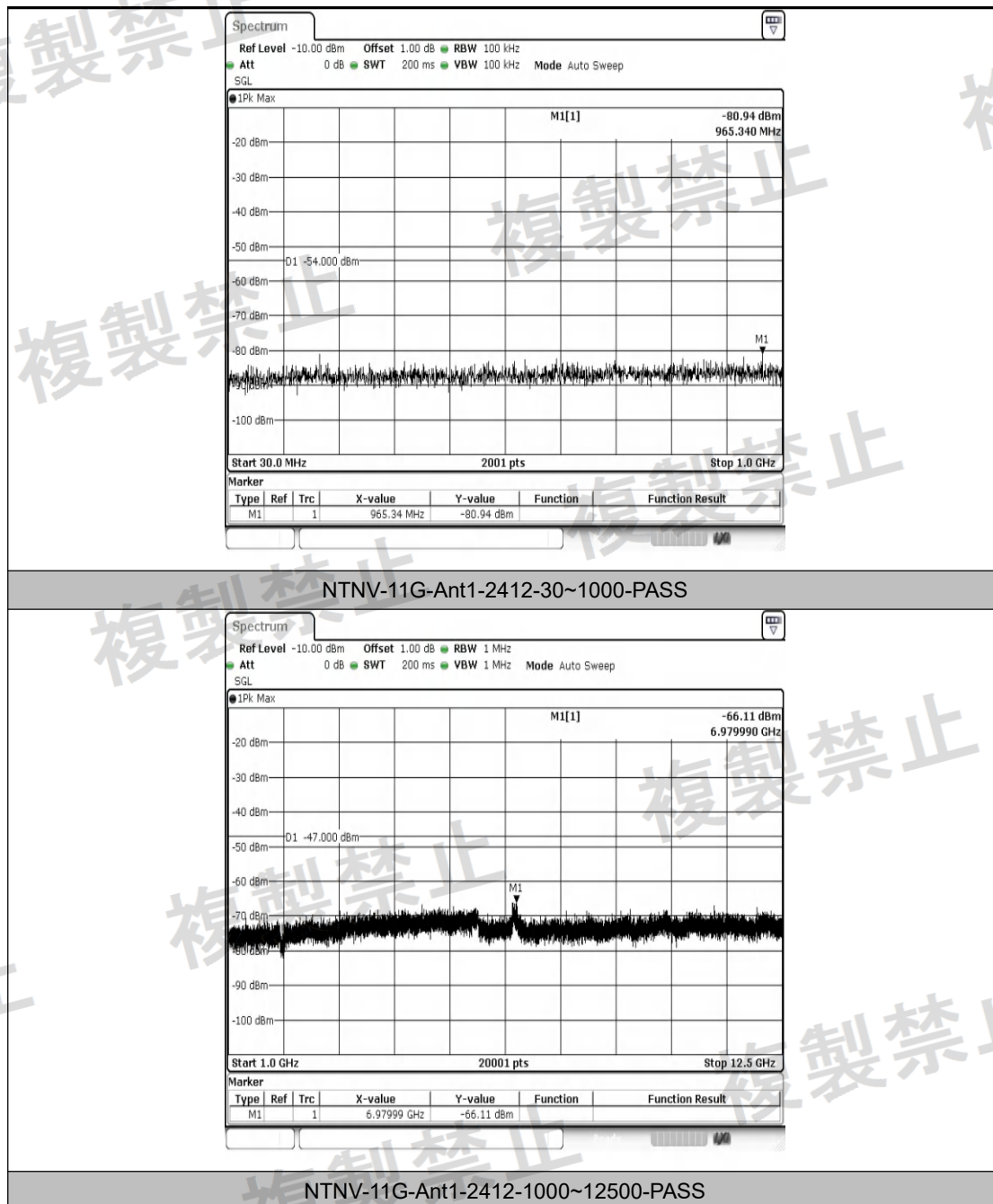


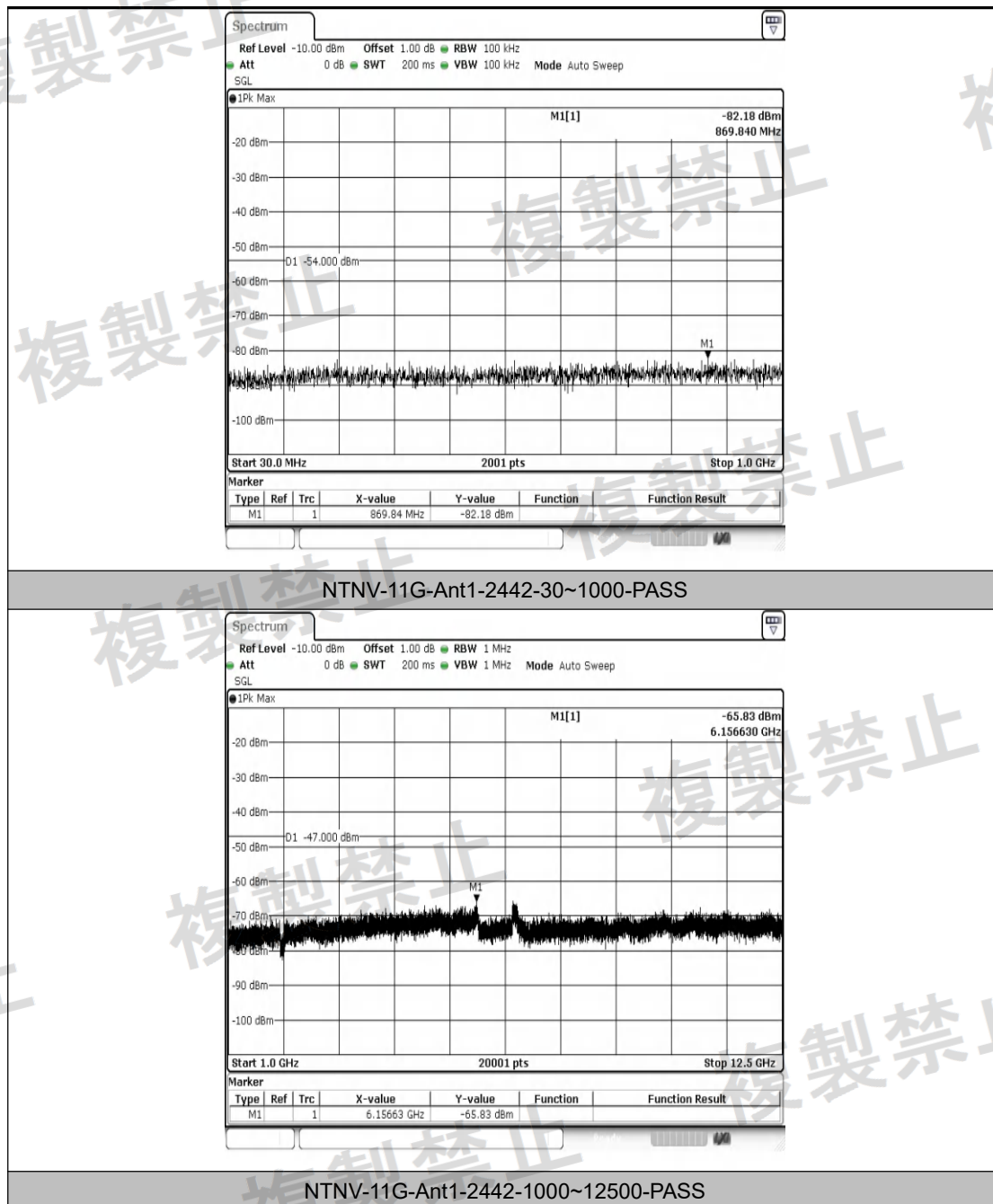
NTNV-11B-Ant1-2412-1000~12500-PASS

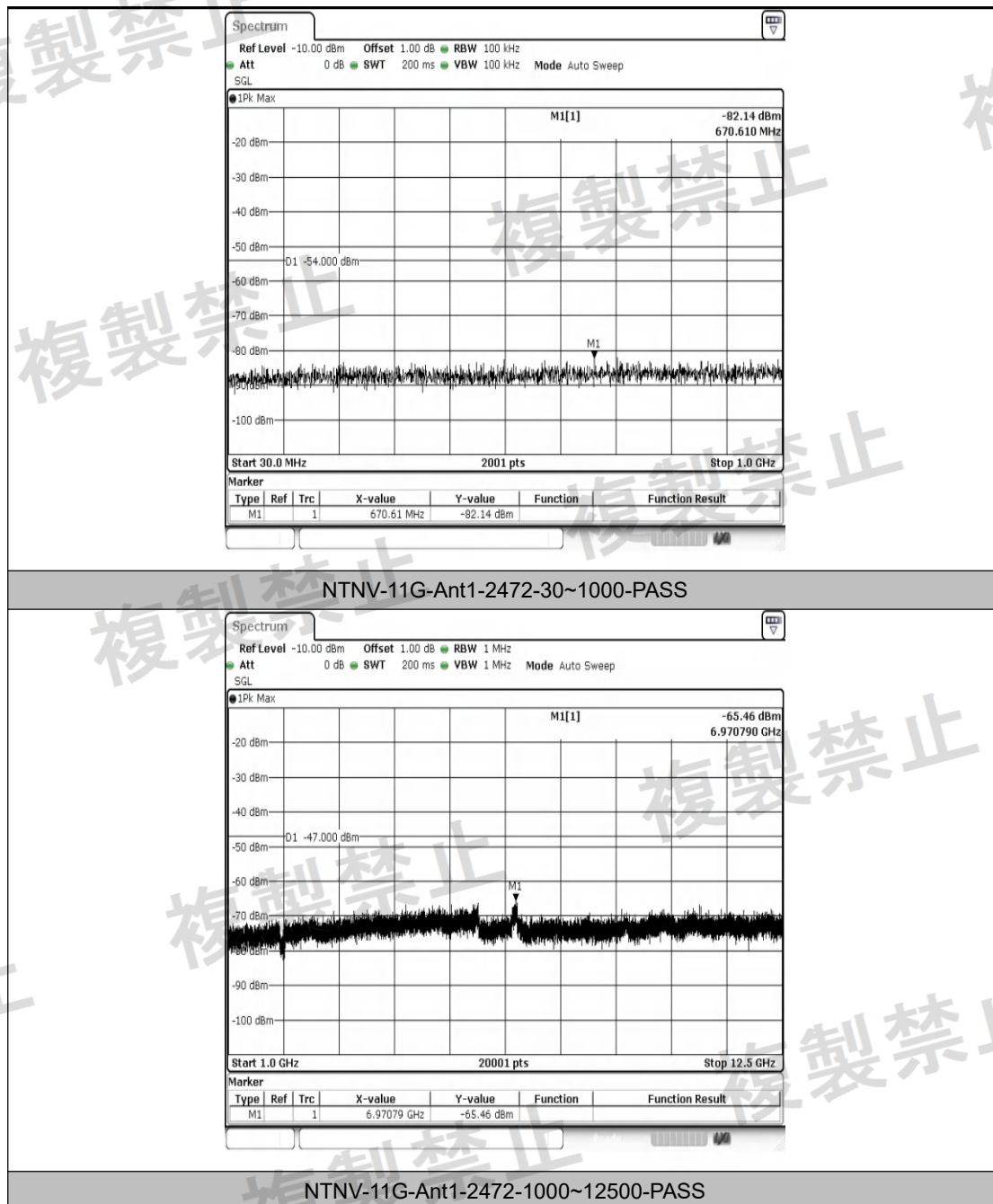


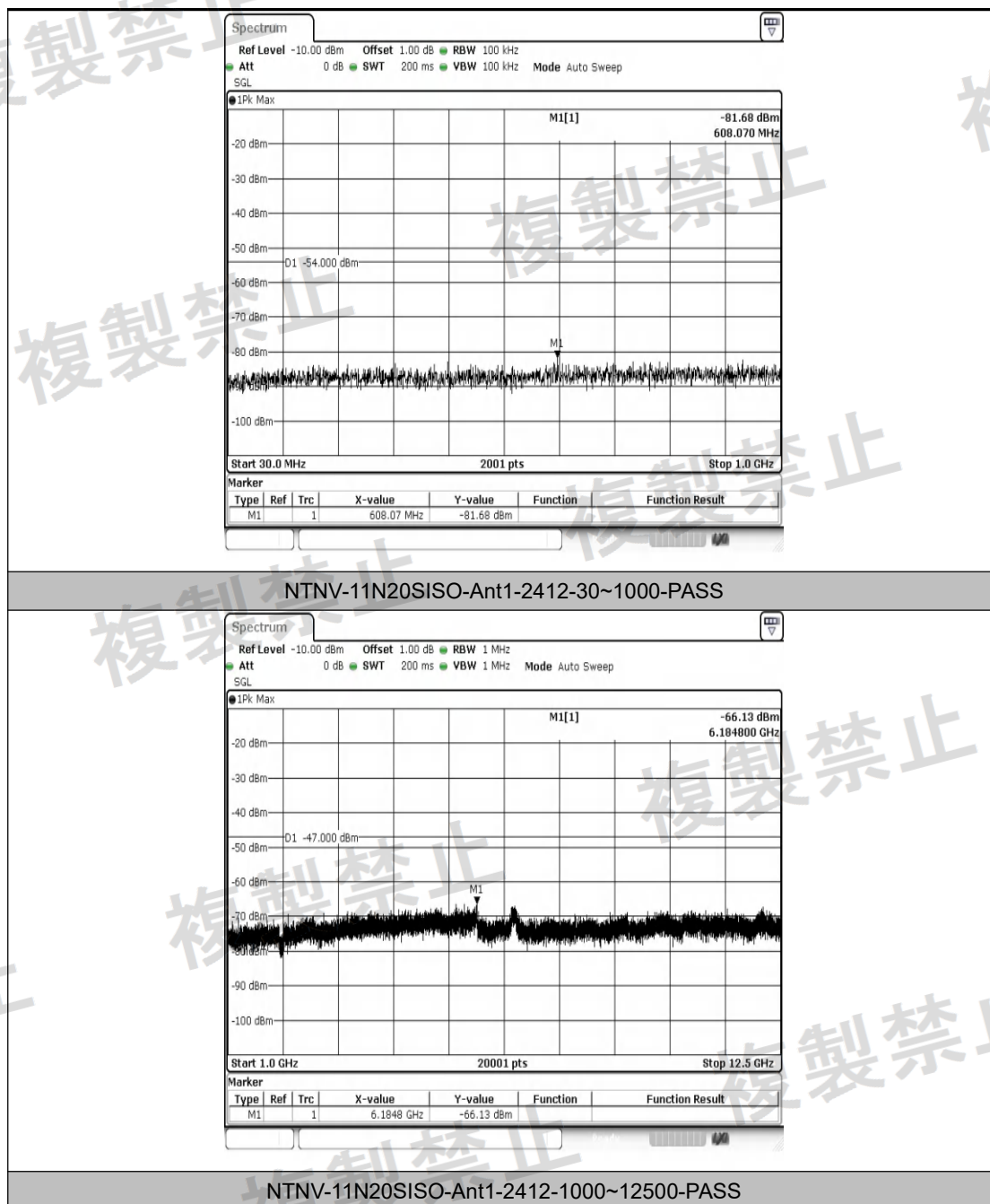


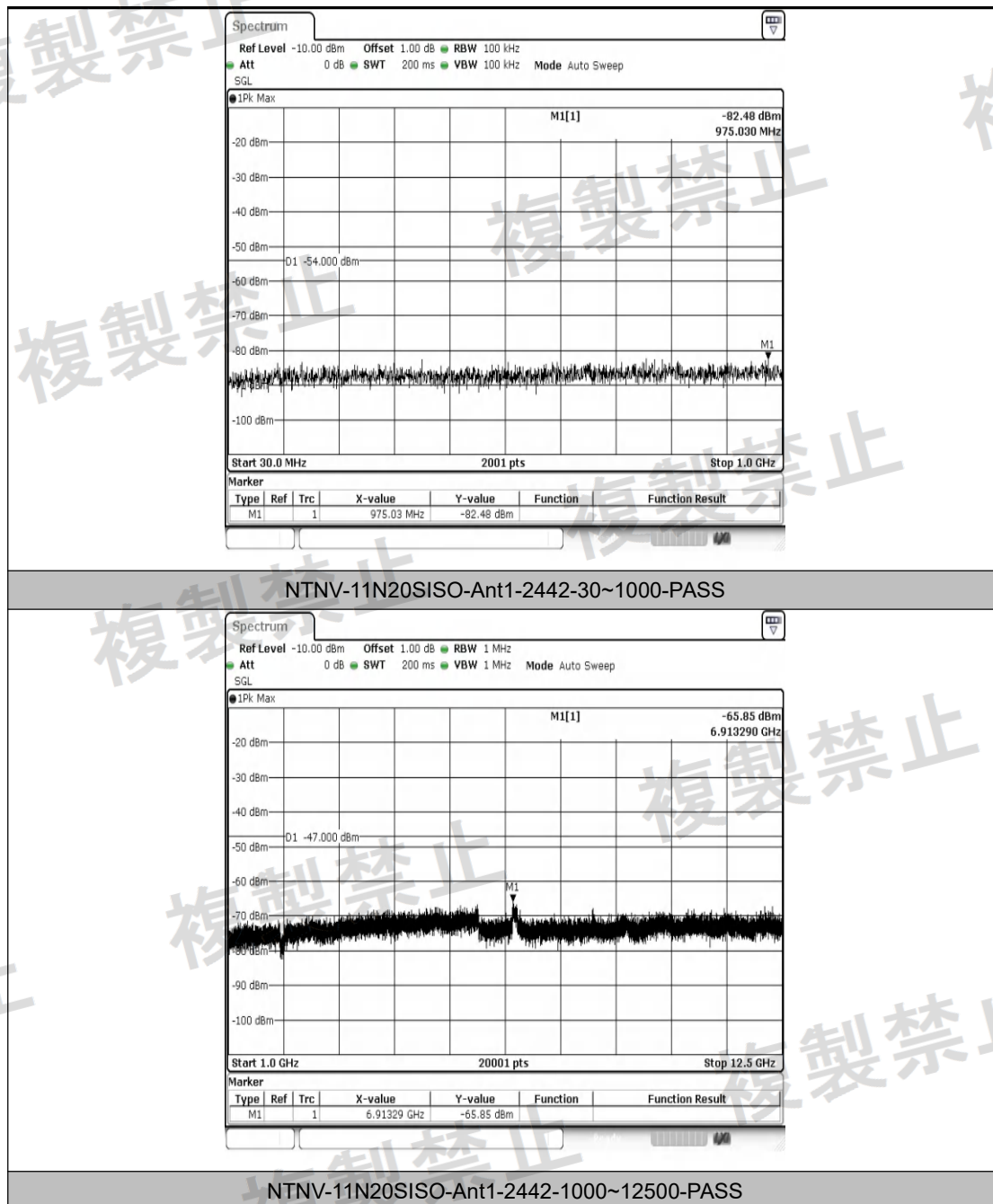


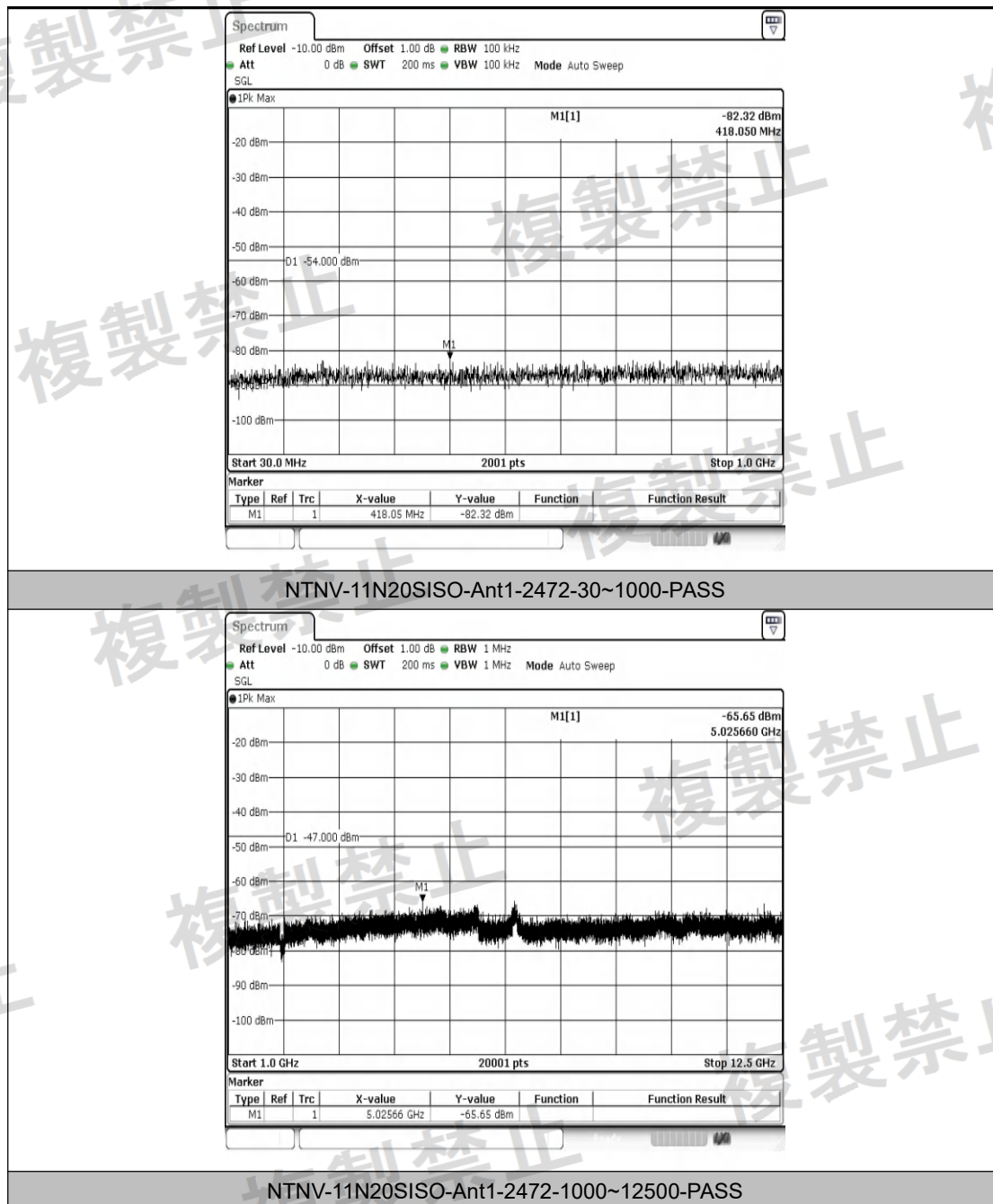


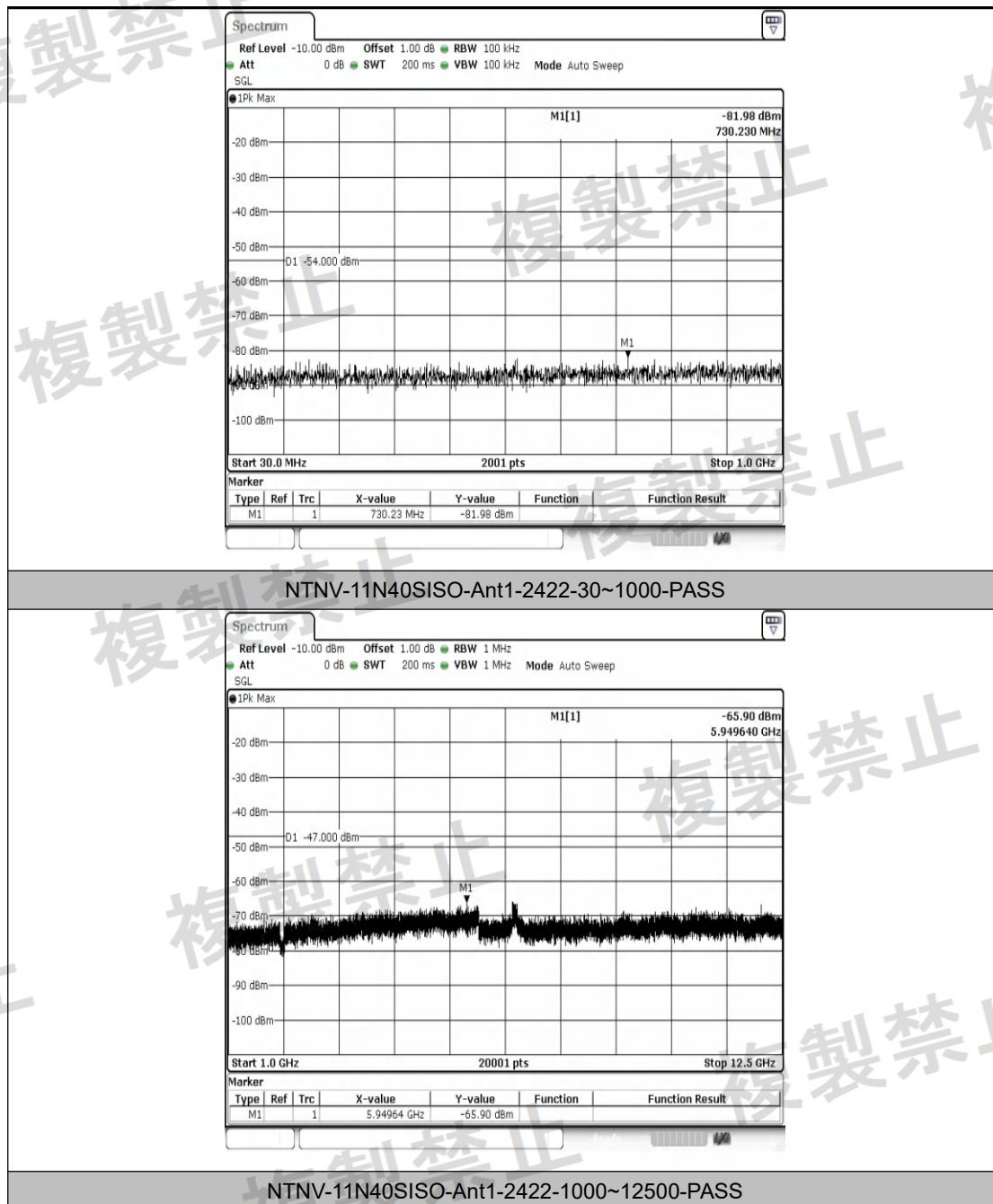


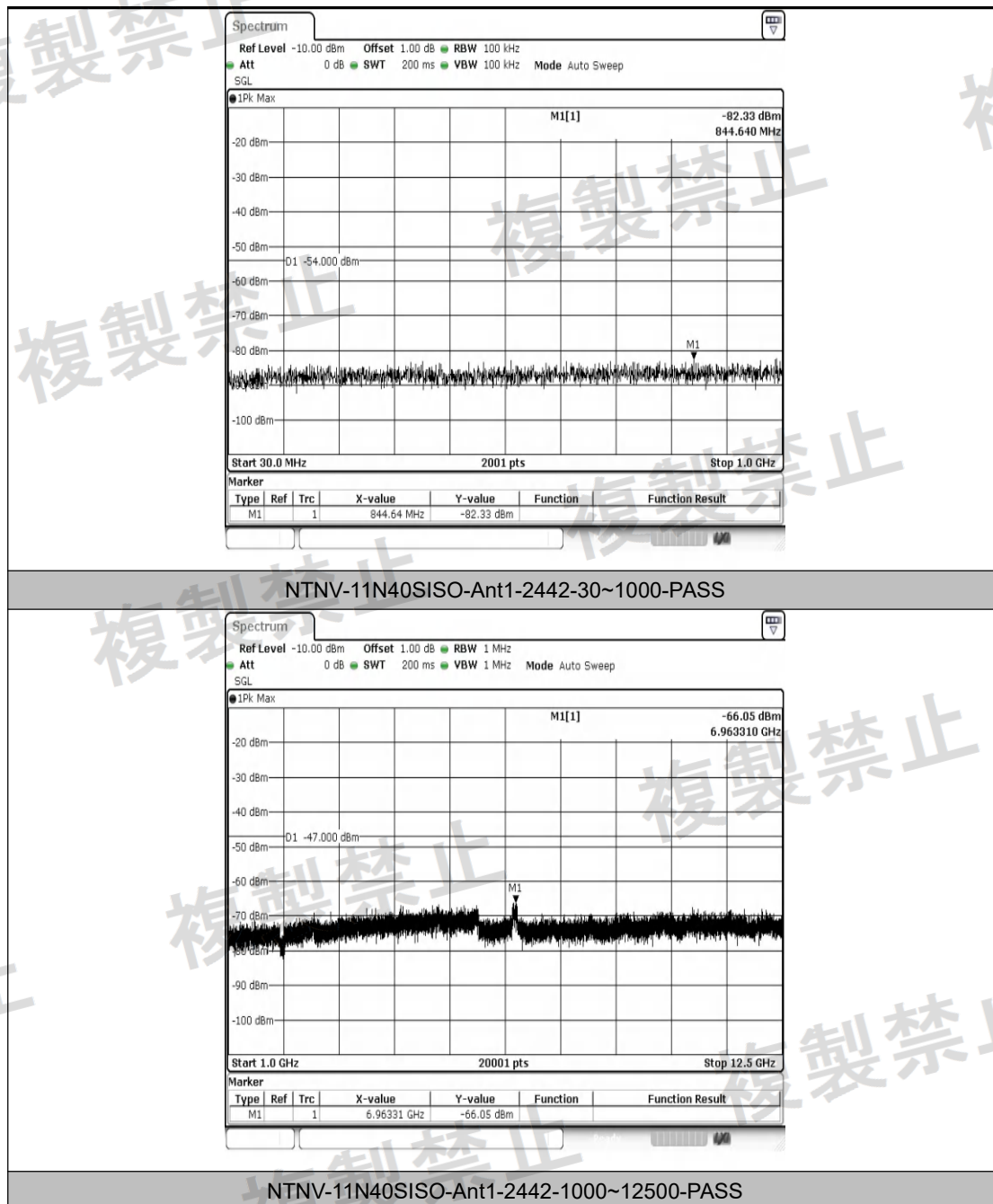


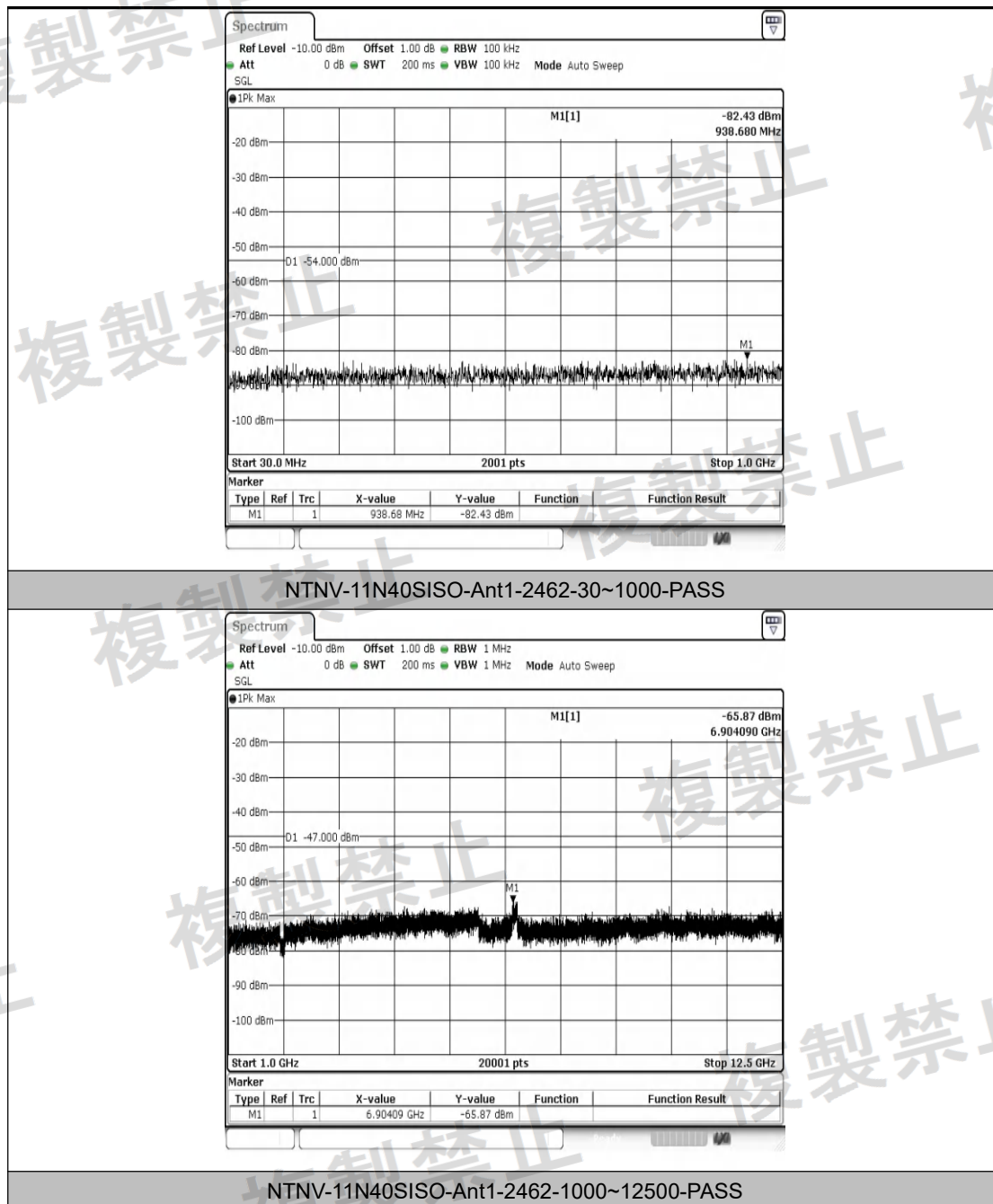












---End---

