

Appendix Test Data

Report No.:	1811C60357512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-24	Finish Test Date:	2026-7-24
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	51%
Pressure:	101kPa		

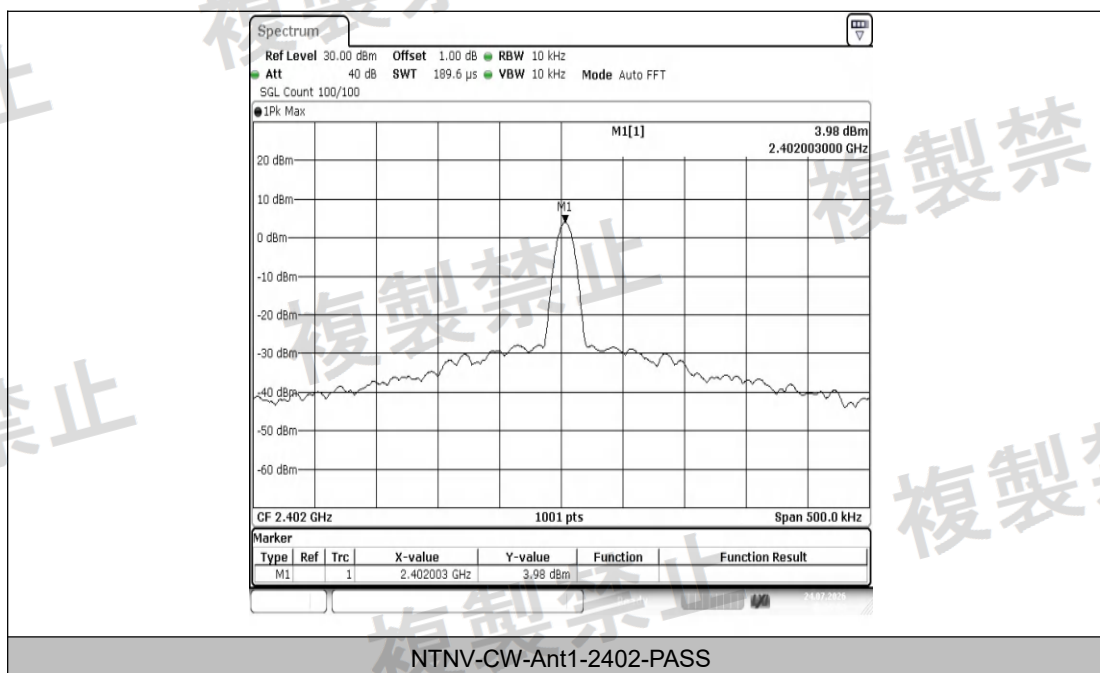
Appendix A: Frequency Error

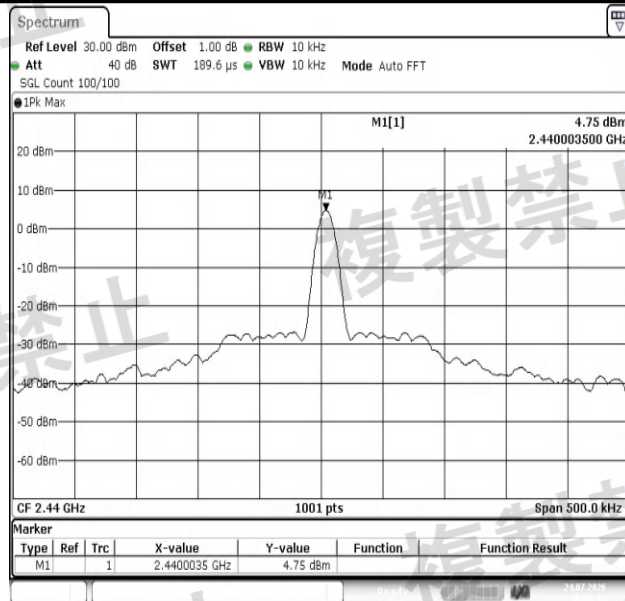
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.003	1.24896	±50	PASS
NTNV	CW	Ant1	2440	2440.0035	1.43443	±50	PASS
NTNV	CW	Ant1	2480	2480.0035	1.41129	±50	PASS

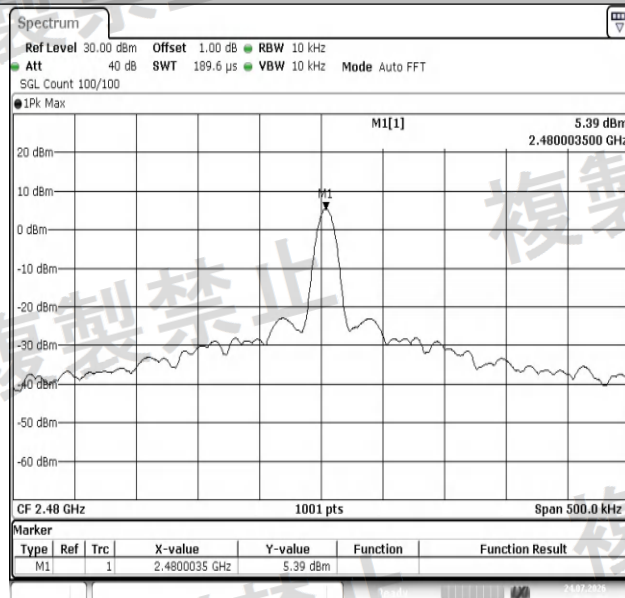
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000

Test Graphs





NTNV-CW-Ant1-2440-PASS



NTNV-CW-Ant1-2480-PASS



Appendix B: Antenna Power

Test Result

Test Condition	TestMode	Antenna	Freq. [MHz]	Result [dBm]	Result [mW]	Limit [mW]	Verdict
NTNV	BLE_1M	Ant1	2402	3.99	2.5061	≤10	PASS
NTNV	BLE_1M	Ant1	2440	4.70	2.9512	≤10	PASS
NTNV	BLE_1M	Ant1	2480	5.36	3.4355	≤10	PASS
NTNV	BLE_2M	Ant1	2402	4.00	2.5118	≤10	PASS
NTNV	BLE_2M	Ant1	2440	4.69	2.9444	≤10	PASS
NTNV	BLE_2M	Ant1	2480	5.33	3.4119	≤10	PASS

Note: $\text{Result(mW)} = 10^{(\text{Test Result(dBm)}/10)}$

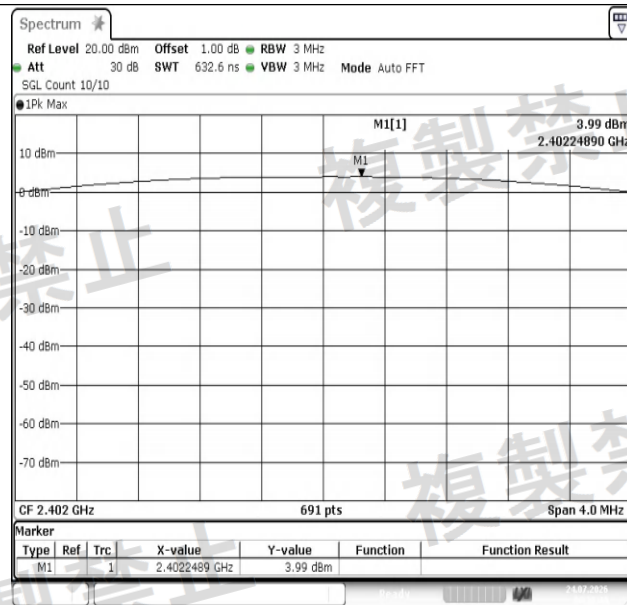
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	2.5061	4	-37.35	+20	PASS
NTNV	BLE_1M	Ant1	2440	2.9512	4	-26.22	+20	PASS
NTNV	BLE_1M	Ant1	2480	3.4355	4	-14.11	+20	PASS
NTNV	BLE_2M	Ant1	2402	2.5118	4	-37.21	+20	PASS
NTNV	BLE_2M	Ant1	2440	2.9444	4	-26.39	+20	PASS
NTNV	BLE_2M	Ant1	2480	3.4119	4	-14.70	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Gain [dBi]	EIRP (dBm)	Limit (dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	3.99	3.77	7.76	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	4.70	3.77	8.47	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	5.36	3.77	9.13	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	4.00	3.77	7.77	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	4.69	3.77	8.46	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	5.33	3.77	9.10	≤12.14	PASS

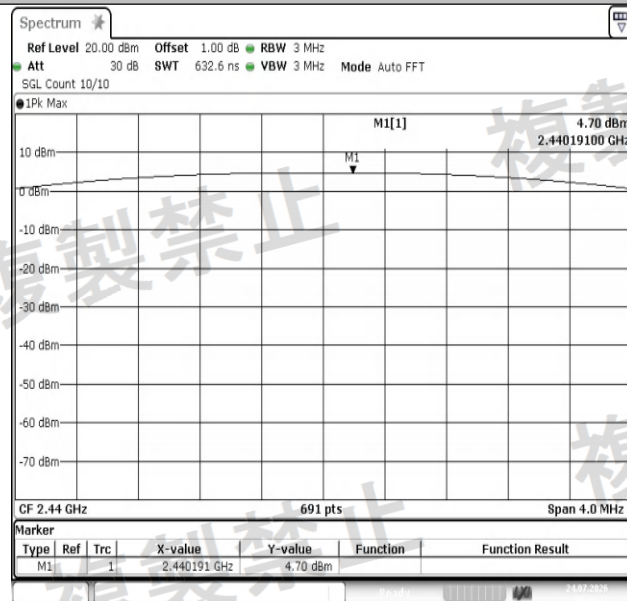
Note: $\text{EIRP[dBm]} = \text{Result[dBm]} + \text{Gain(dBi)}$



Test Graphs

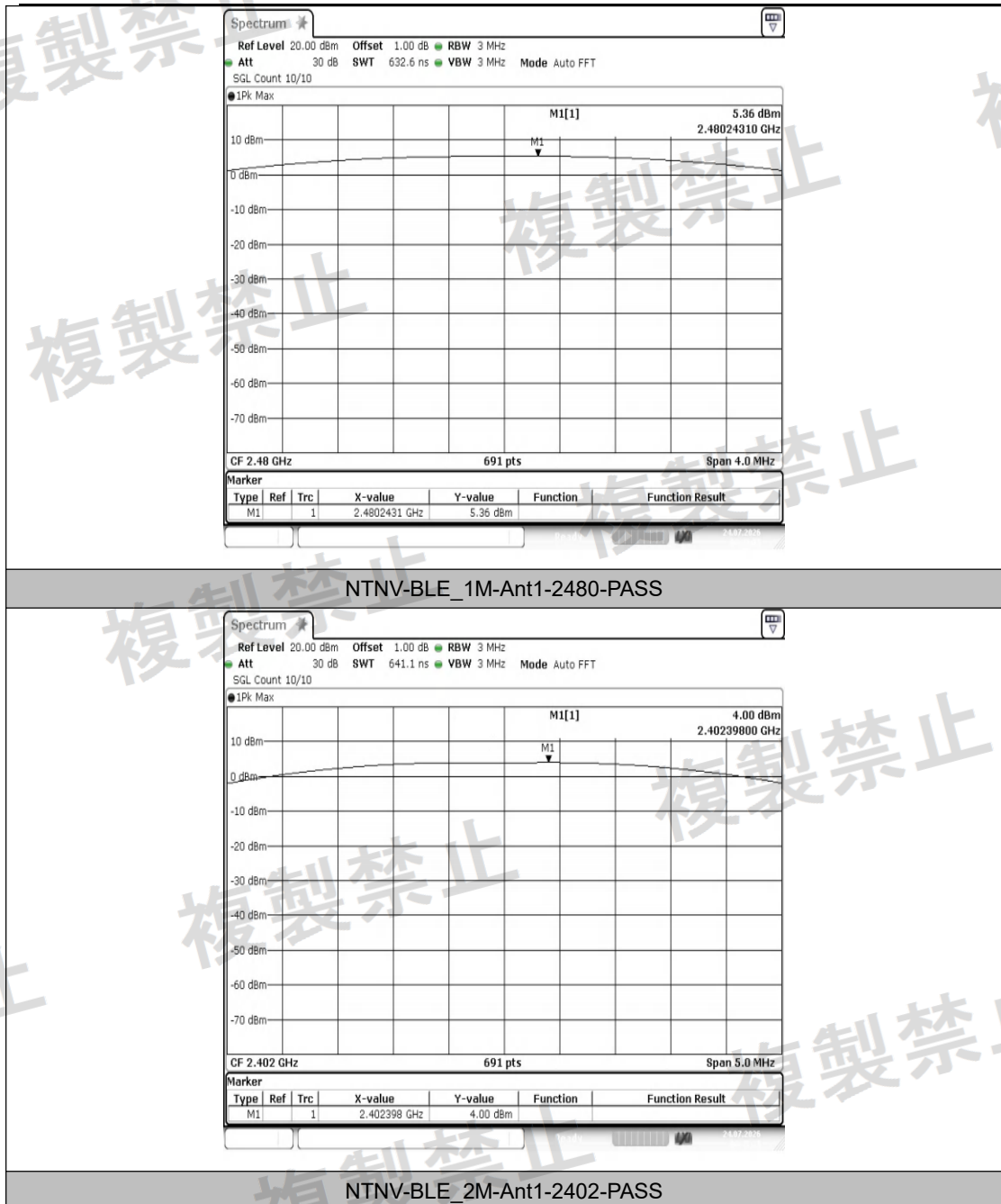


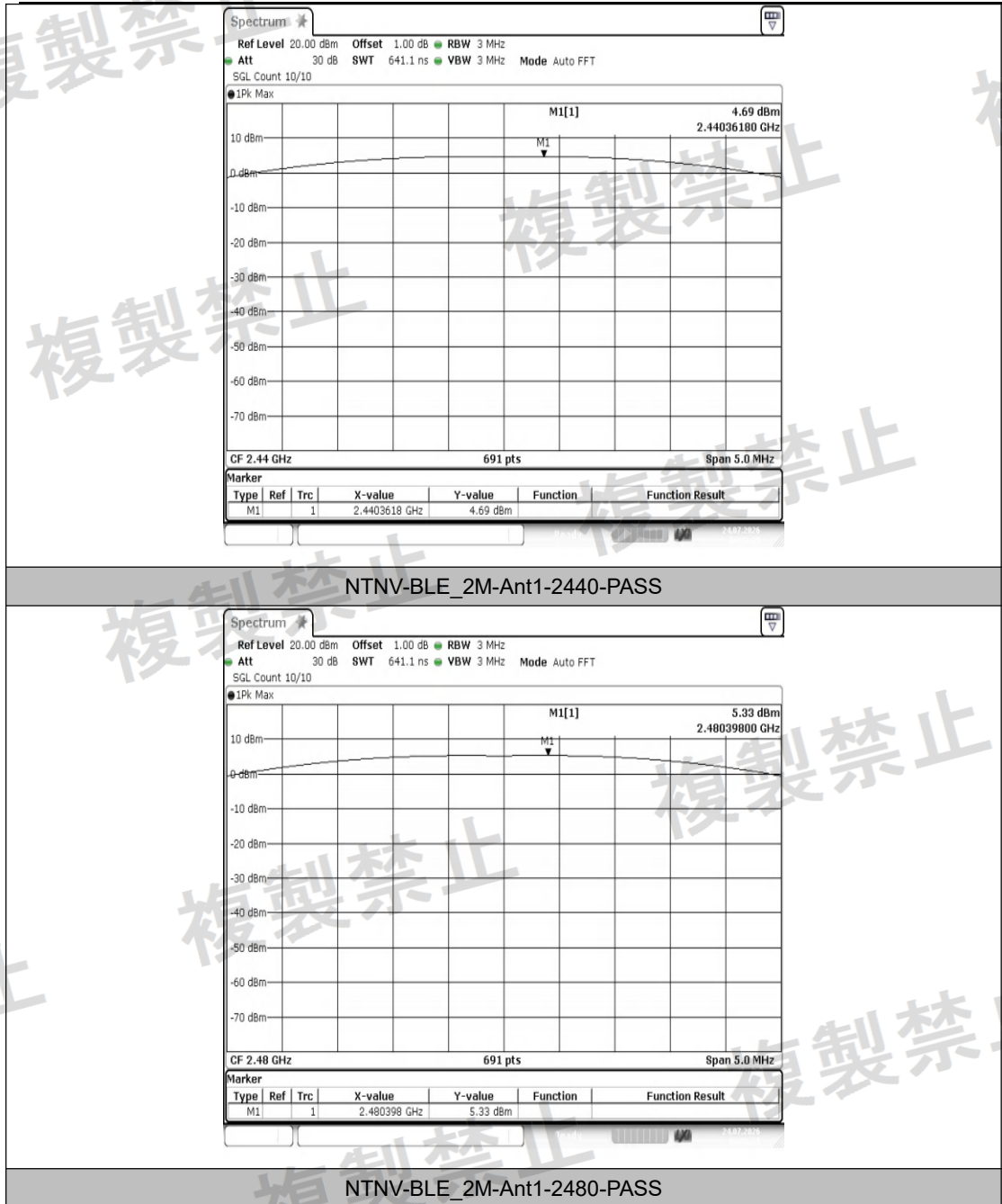
NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS







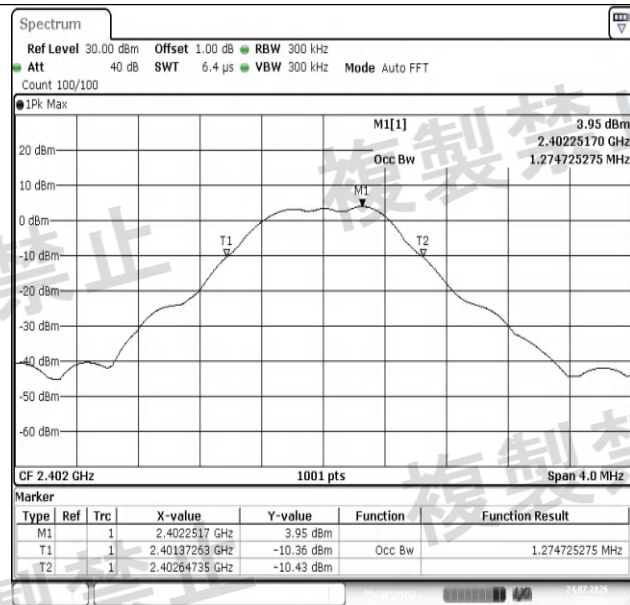
Appendix C: Occupied Bandwidth

Test Result

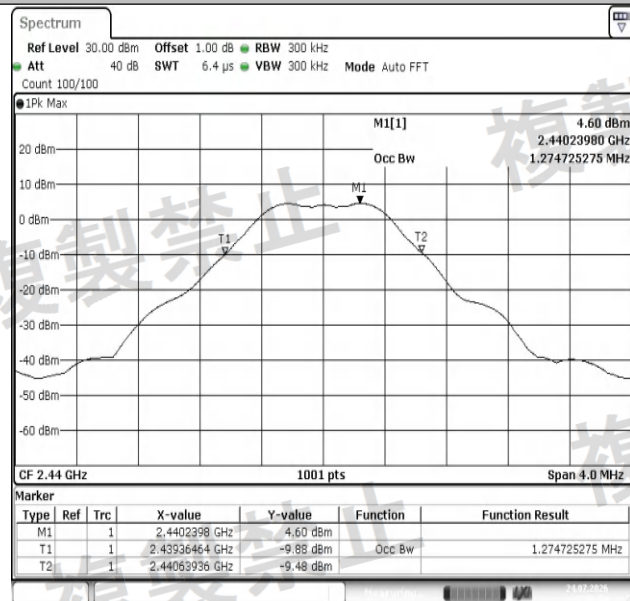
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.275	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.275	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.267	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.030	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.090	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.094	≤26	PASS



Test Graphs

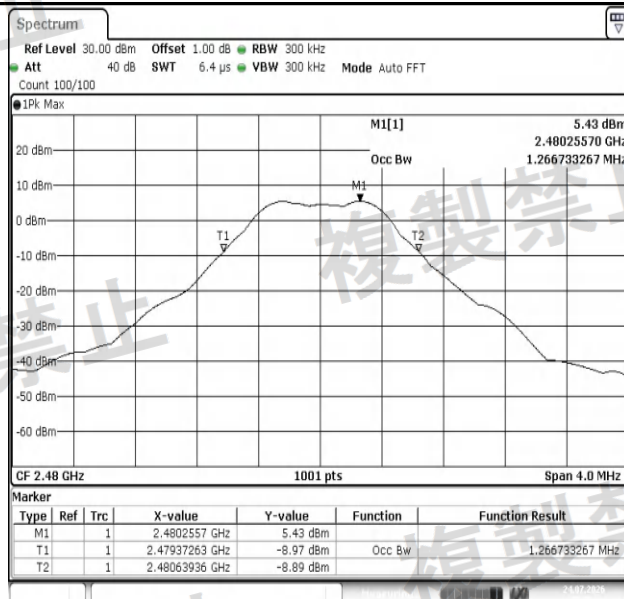


NTNV-BLE_1M-Ant1-2402-PASS

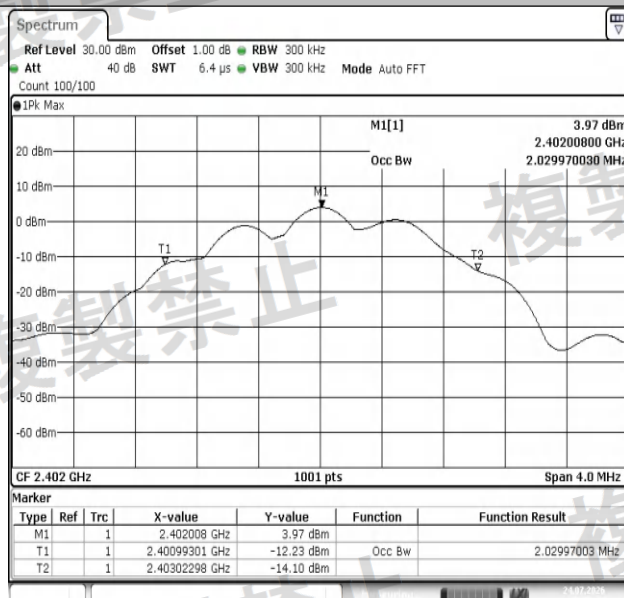


NTNV-BLE_1M-Ant1-2440-PASS



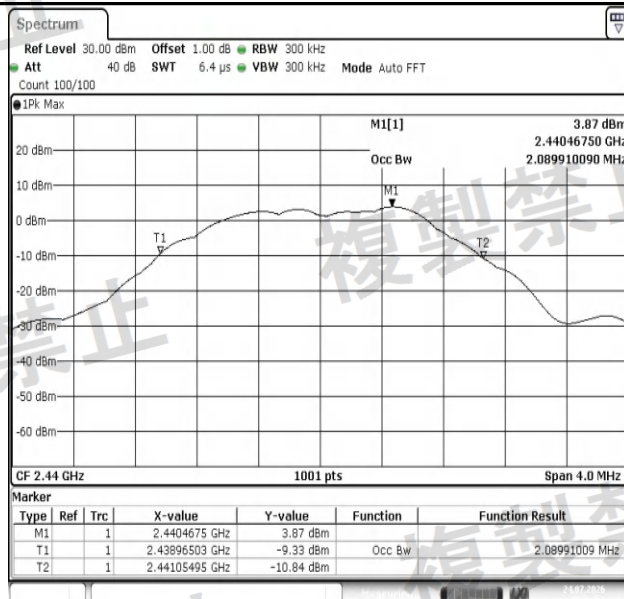


NTNV-BLE_1M-Ant1-2480-PASS

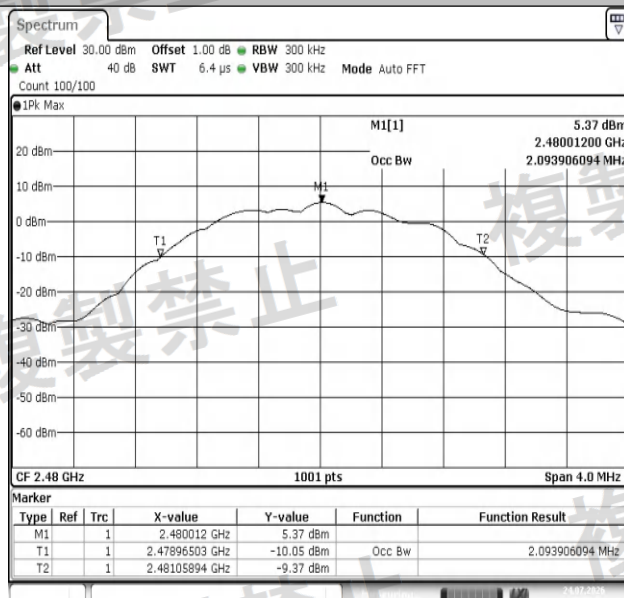


NTNV-BLE_2M-Ant1-2402-PASS





NTNV-BLE_2M-Ant1-2440-PASS



NTNV-BLE_2M-Ant1-2480-PASS



Appendix D: Spurious Emission of TX

Test Result

Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Result[μW/MHz]	Limit[μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	825.16	-49.07	≤-26	0.01239	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2372.78	-48.79	≤-26	0.01321	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.99	-27.85	≤-16	1.64059	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2486.68	-37.38	≤-16	0.18281	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	6980.44	-44.26	≤-26	0.03750	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	932.59	-49.66	≤-26	0.01081	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2179.64	-48.48	≤-26	0.01419	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2399.44	-38.09	≤-16	0.15524	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2487.50	-37.37	≤-16	0.18323	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	6904.29	-44.56	≤-26	0.03499	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	851.35	-49.34	≤-26	0.01164	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2368.28	-48.72	≤-26	0.01343	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2387.03	-38.62	≤-16	0.13740	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.53	-37.74	≤-16	0.16827	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6955.24	-44.53	≤-26	0.03524	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	825.40	-47.51	≤-26	0.01774	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	2200.80	-48.89	≤-26	0.01291	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	2387~2400	2400	-17.91	≤-16	16.18080	≤25	See table below
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2485.09	-37.94	≤-16	0.16069	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	6999.35	-44.60	≤-26	0.03467	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	880.45	-50.26	≤-26	0.00942	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	2200.80	-49.04	≤-26	0.01247	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2389.67	-38.60	≤-16	0.13804	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2491.47	-38.34	≤-16	0.14655	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	6945.78	-43.93	≤-26	0.04046	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	824.92	-49.12	≤-26	0.01225	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2174.10	-48.27	≤-26	0.01489	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2393.62	-38.03	≤-16	0.15740	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.57	-35.58	≤-16	0.27669	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	6900.09	-44.50	≤-26	0.03548	≤2.5	PASS



Test Result_Step2

Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2402	2400.00	-20.42	≤-16	9.07821	≤25	PASS

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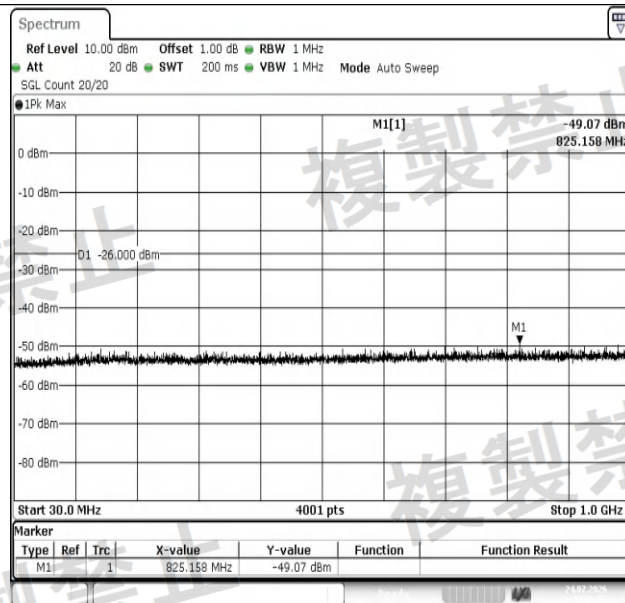
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com



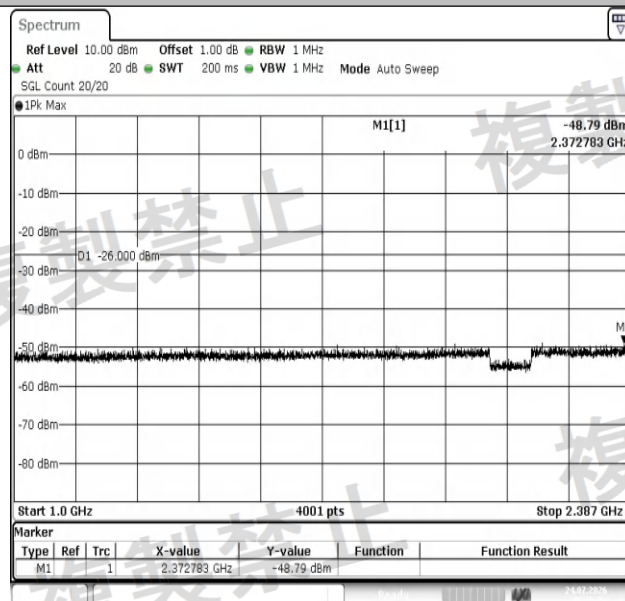
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Test Graphs

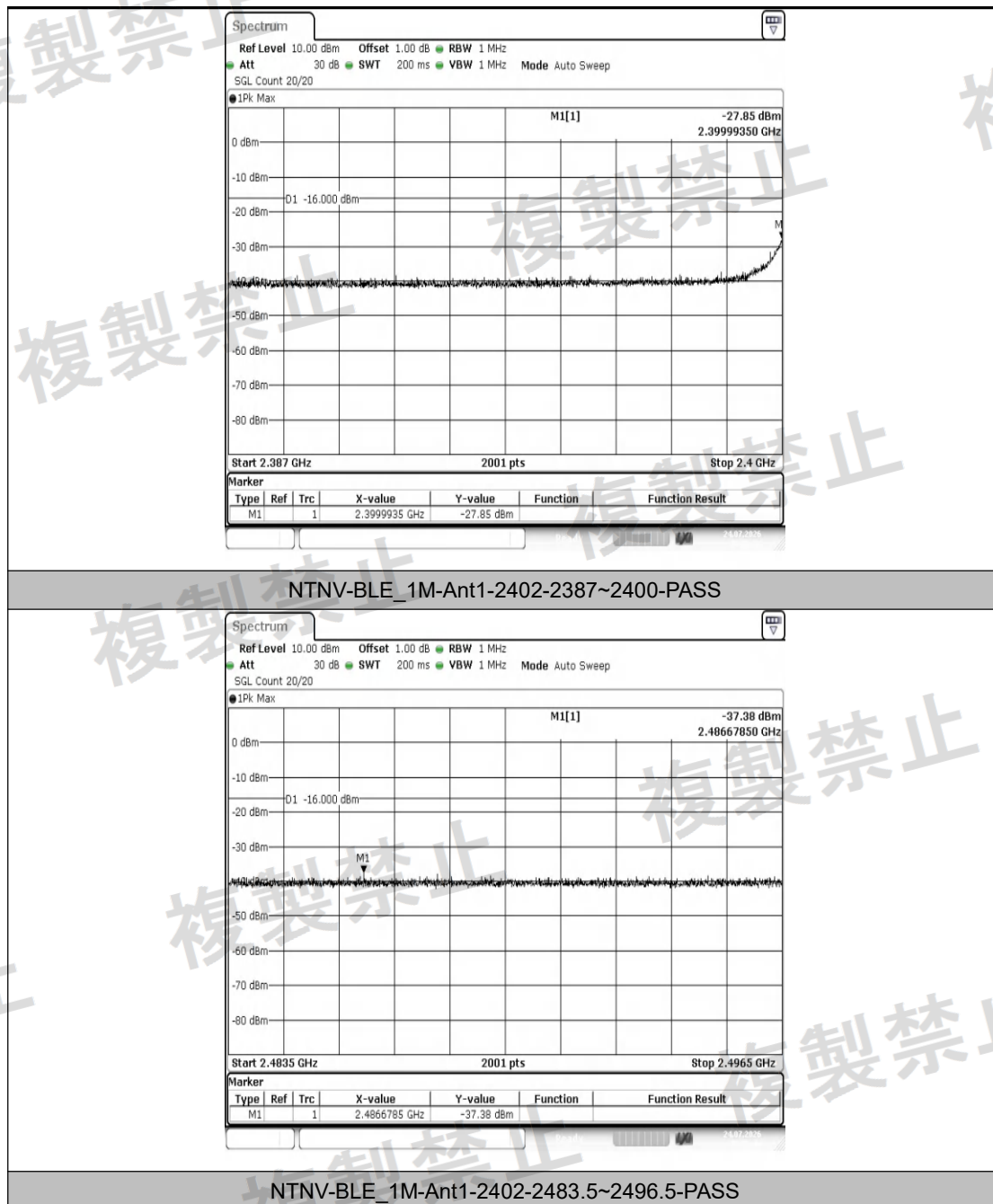


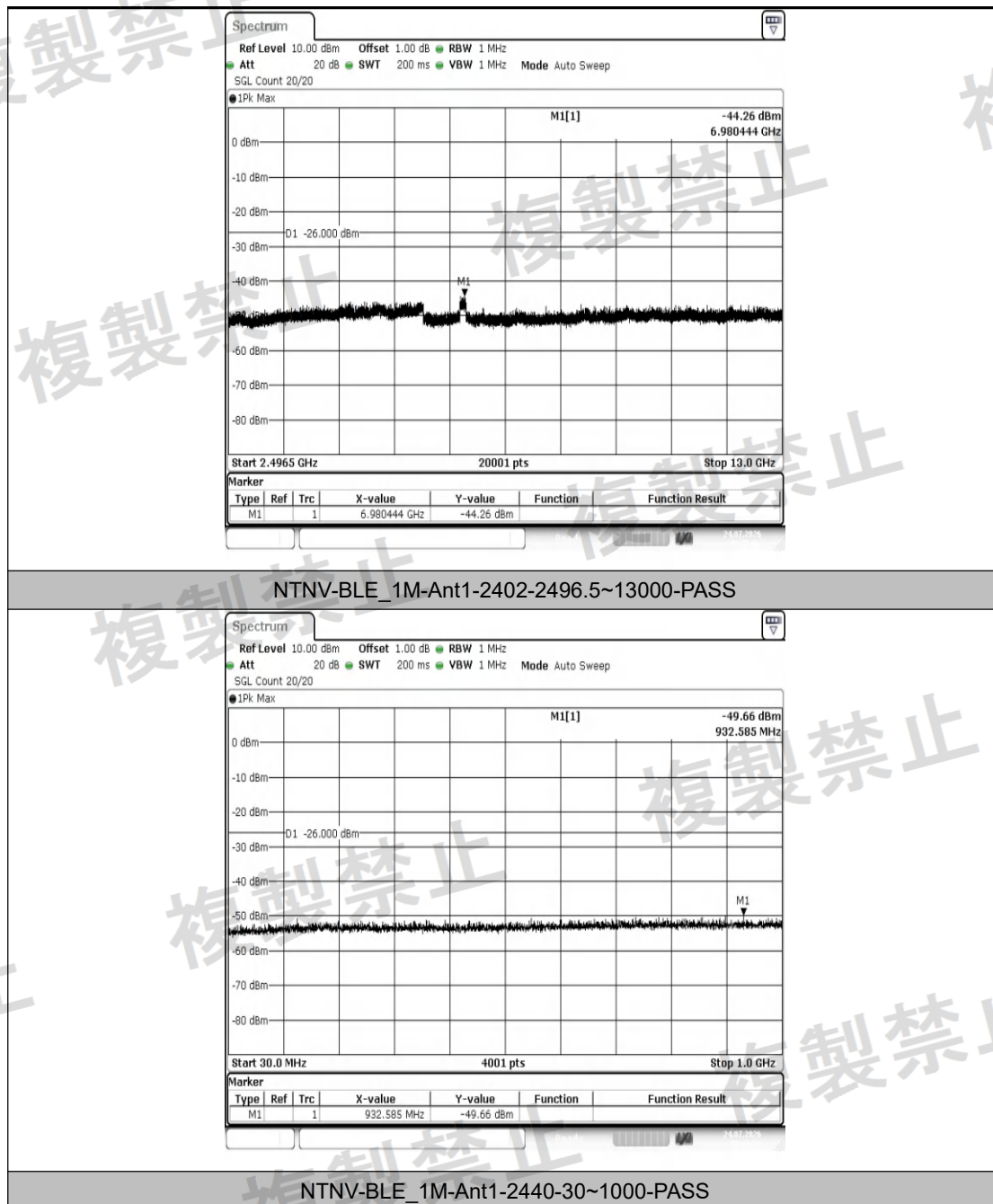
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

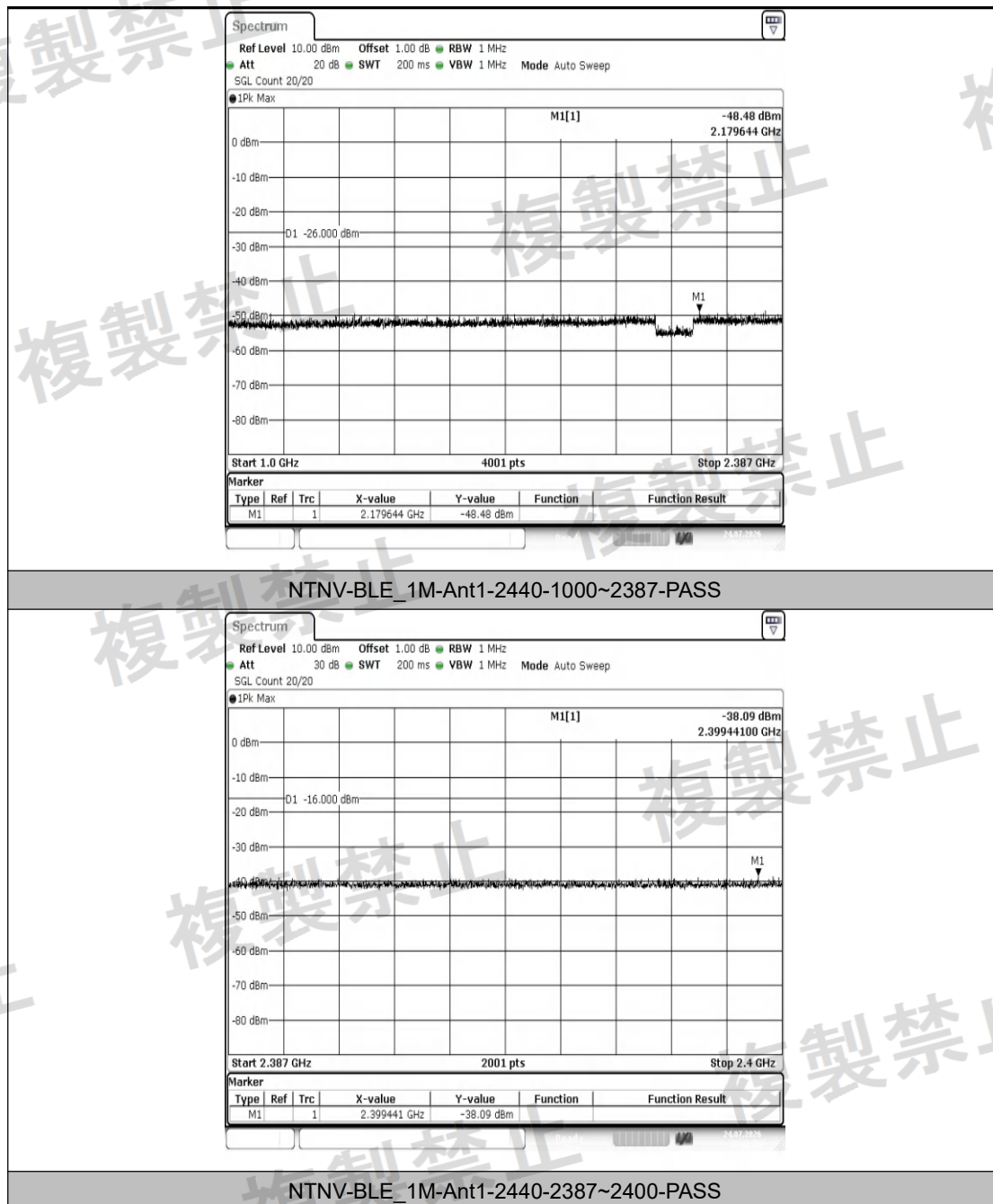


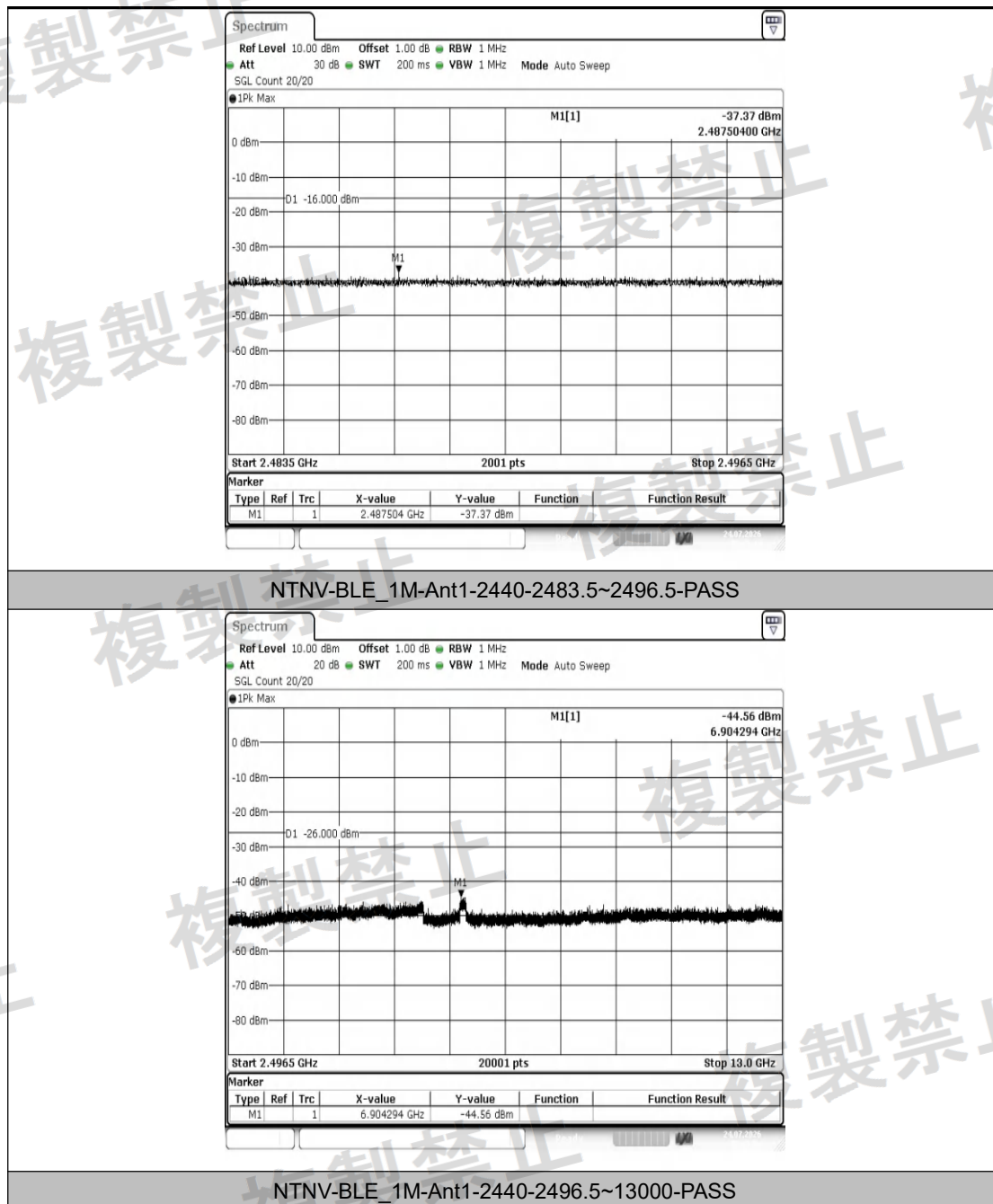
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

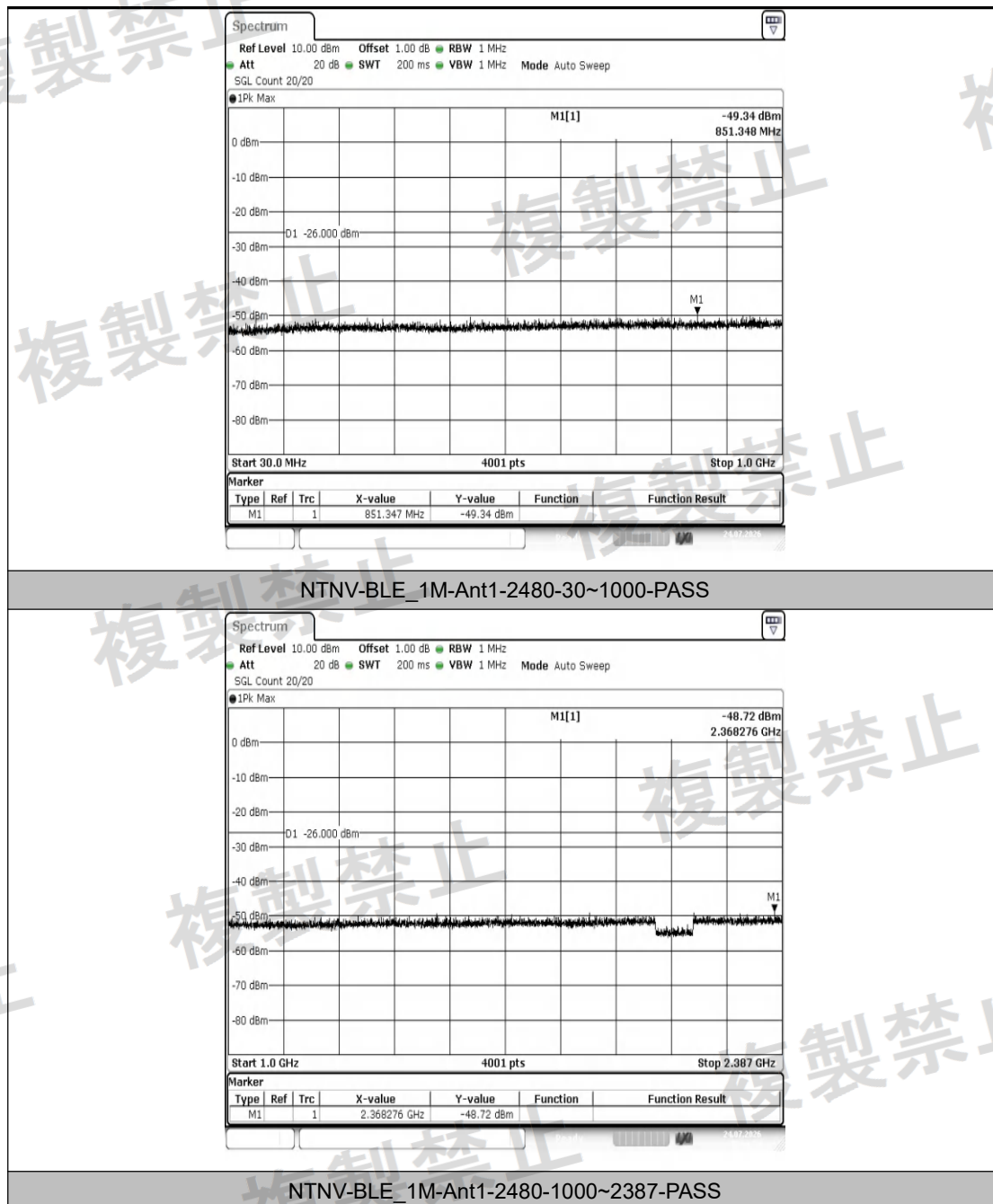


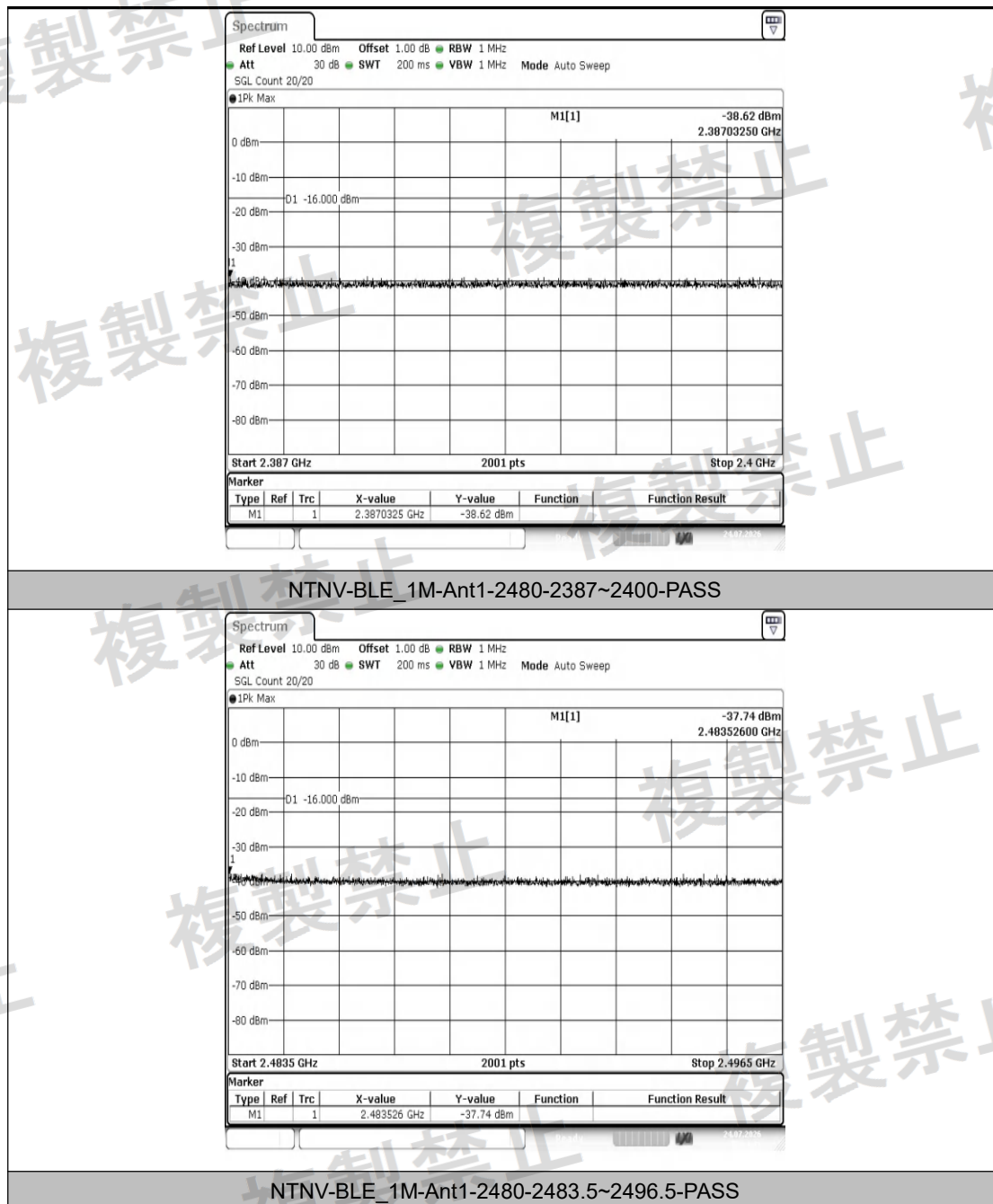


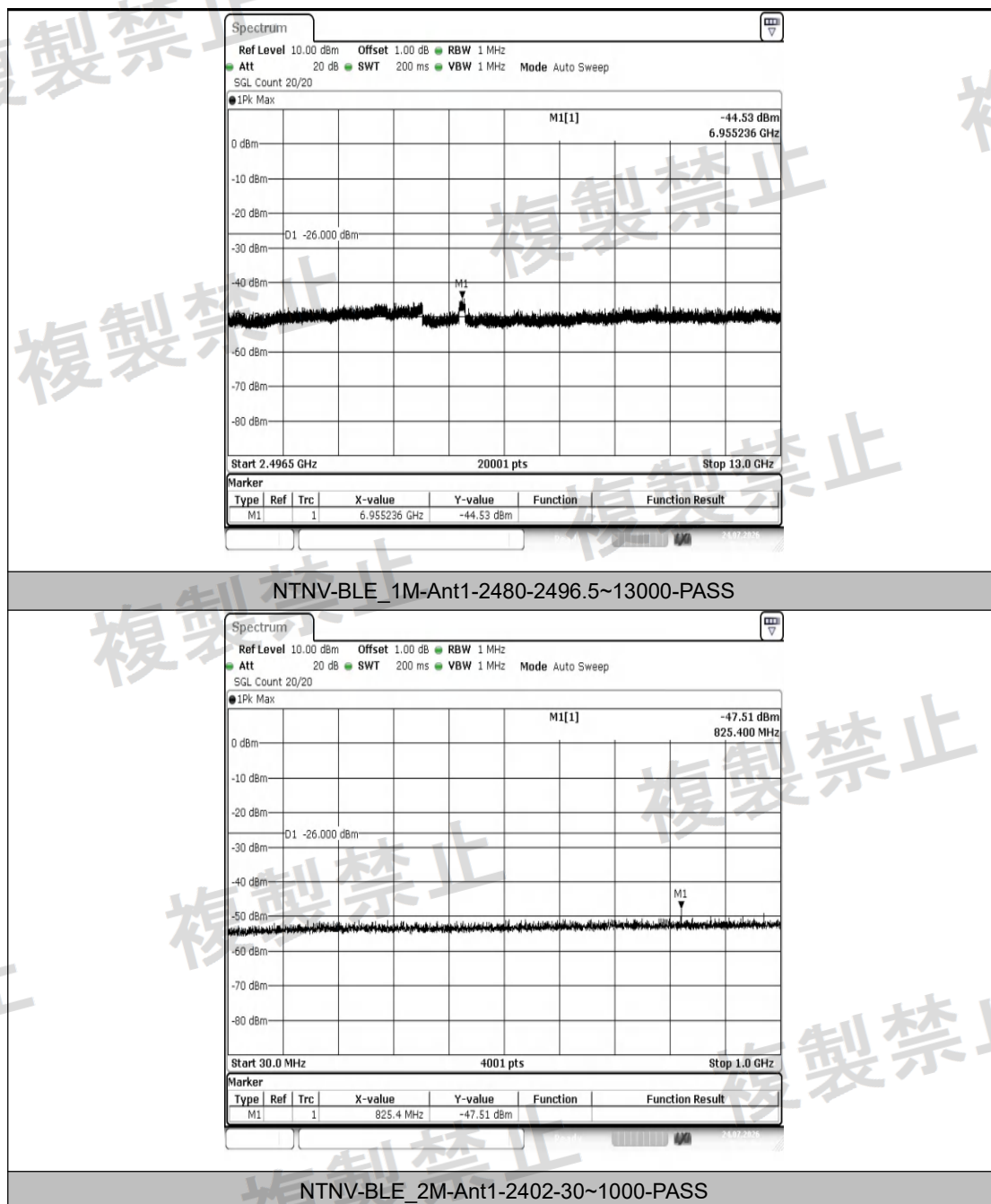


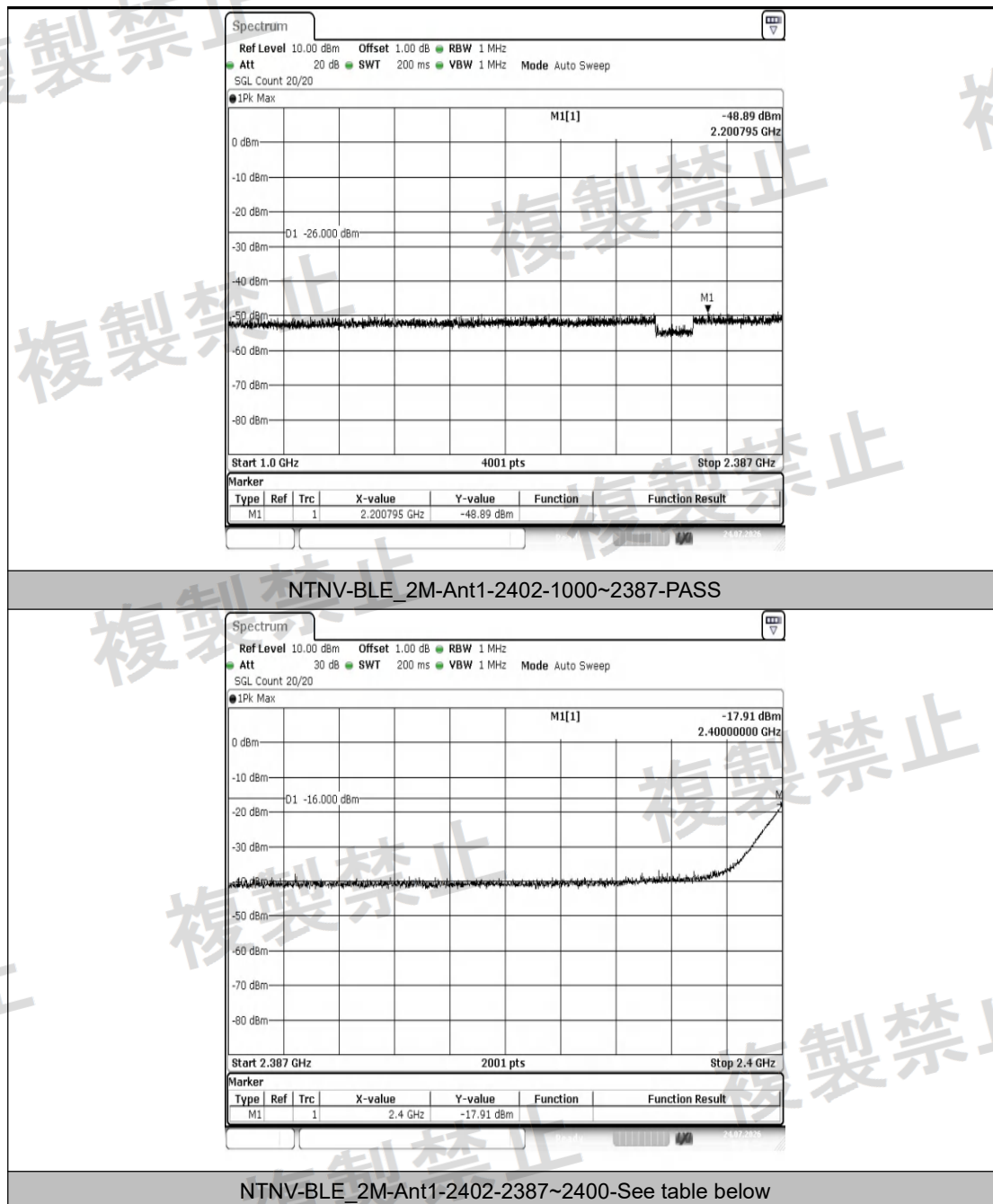


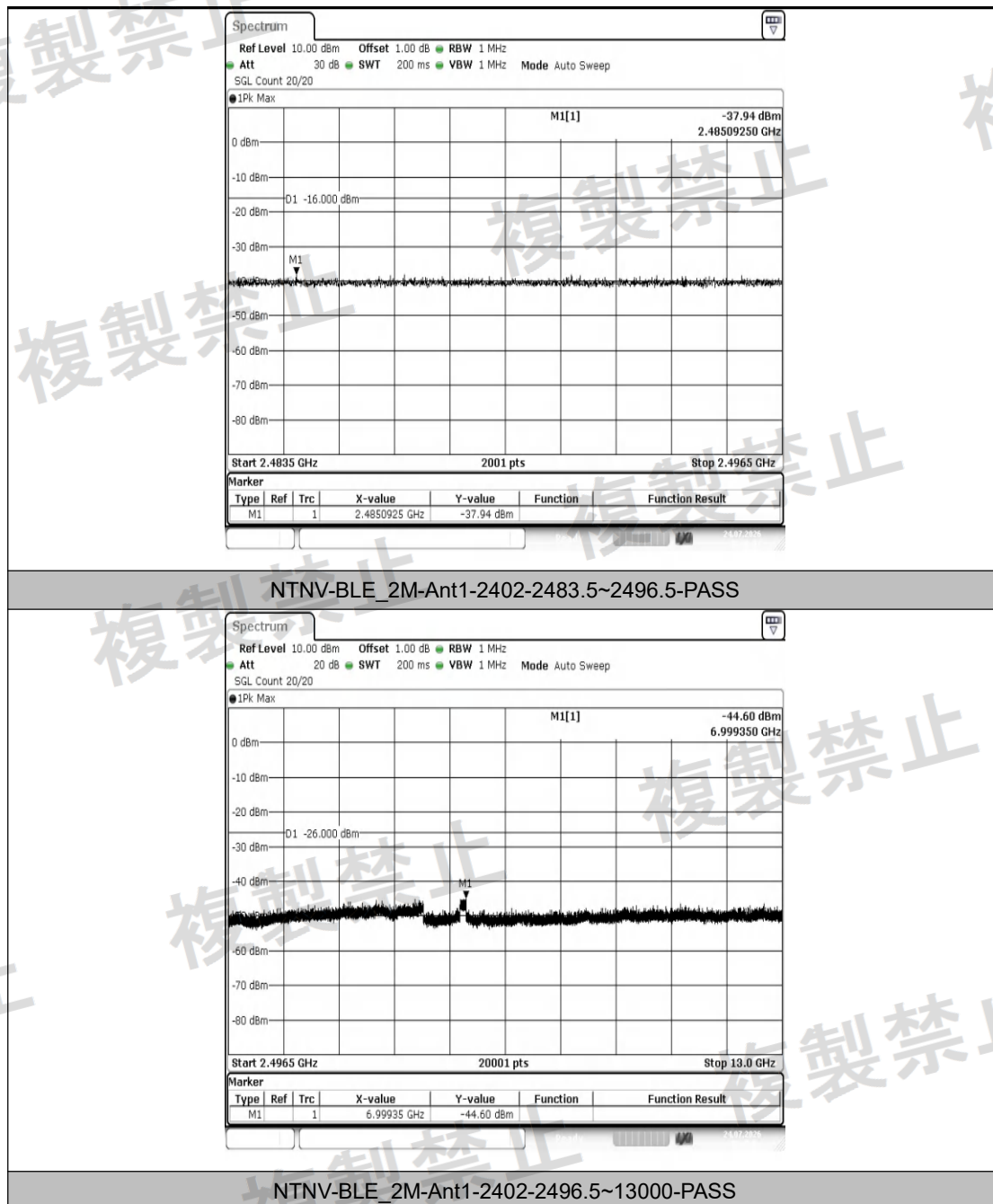


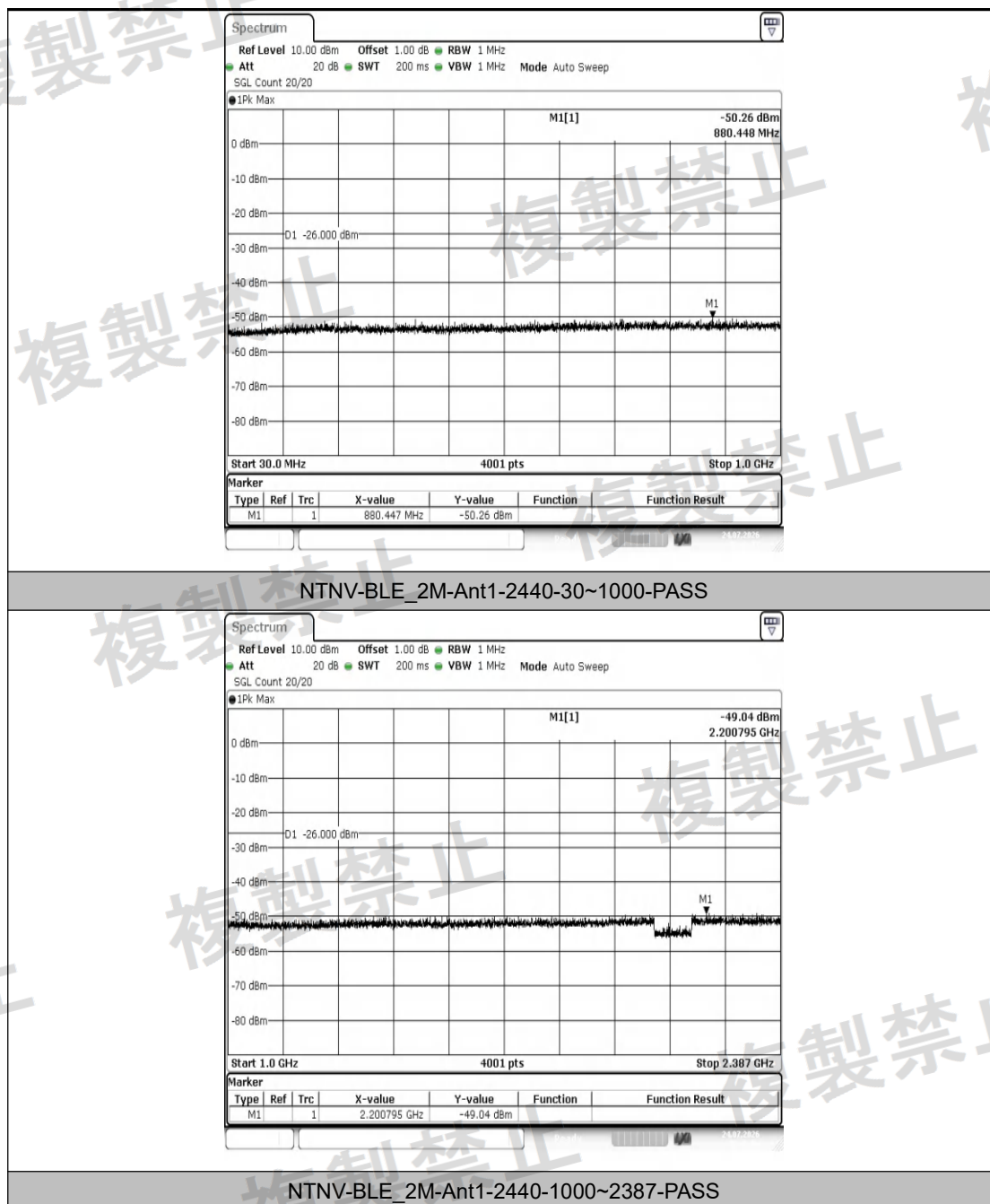


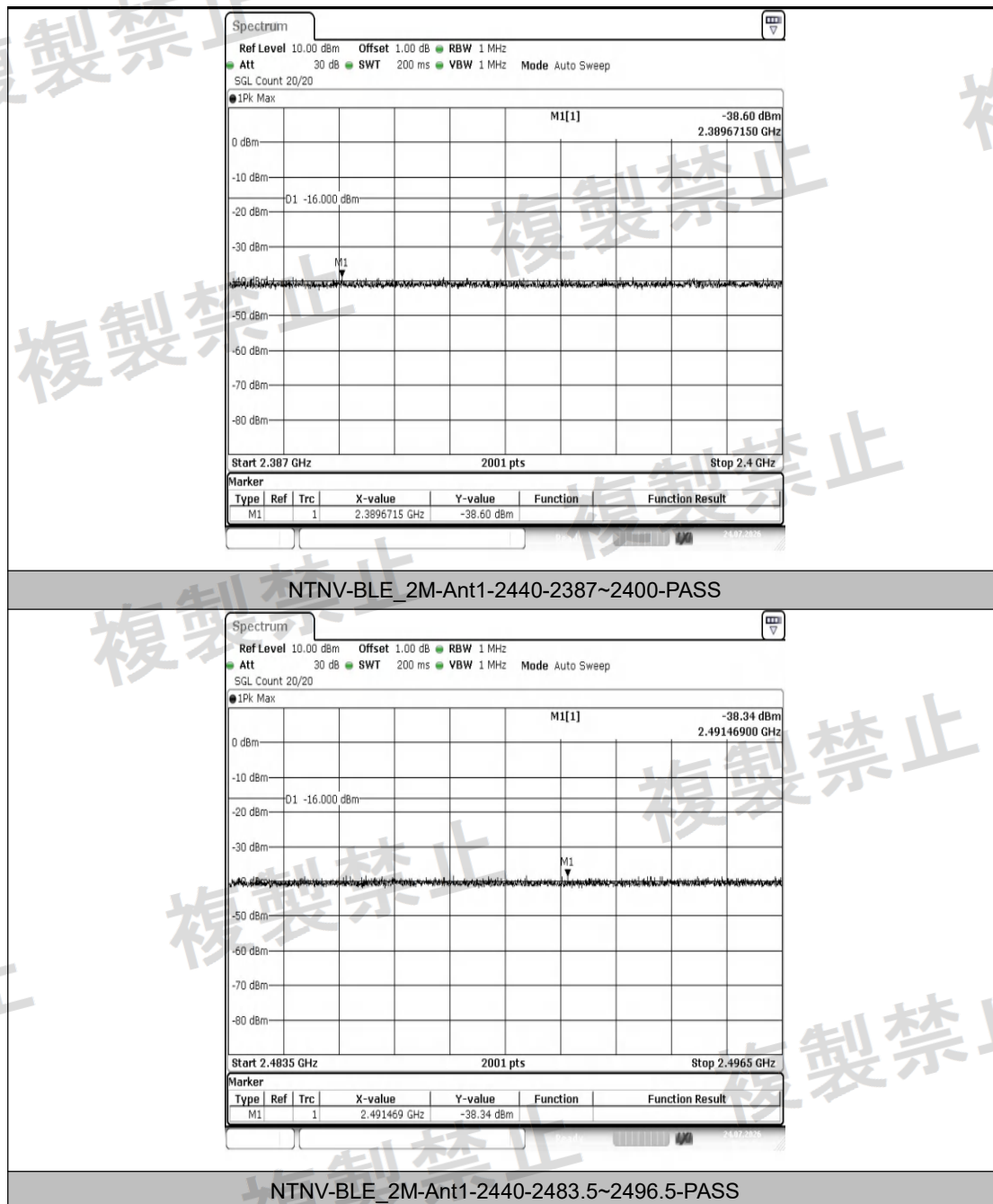


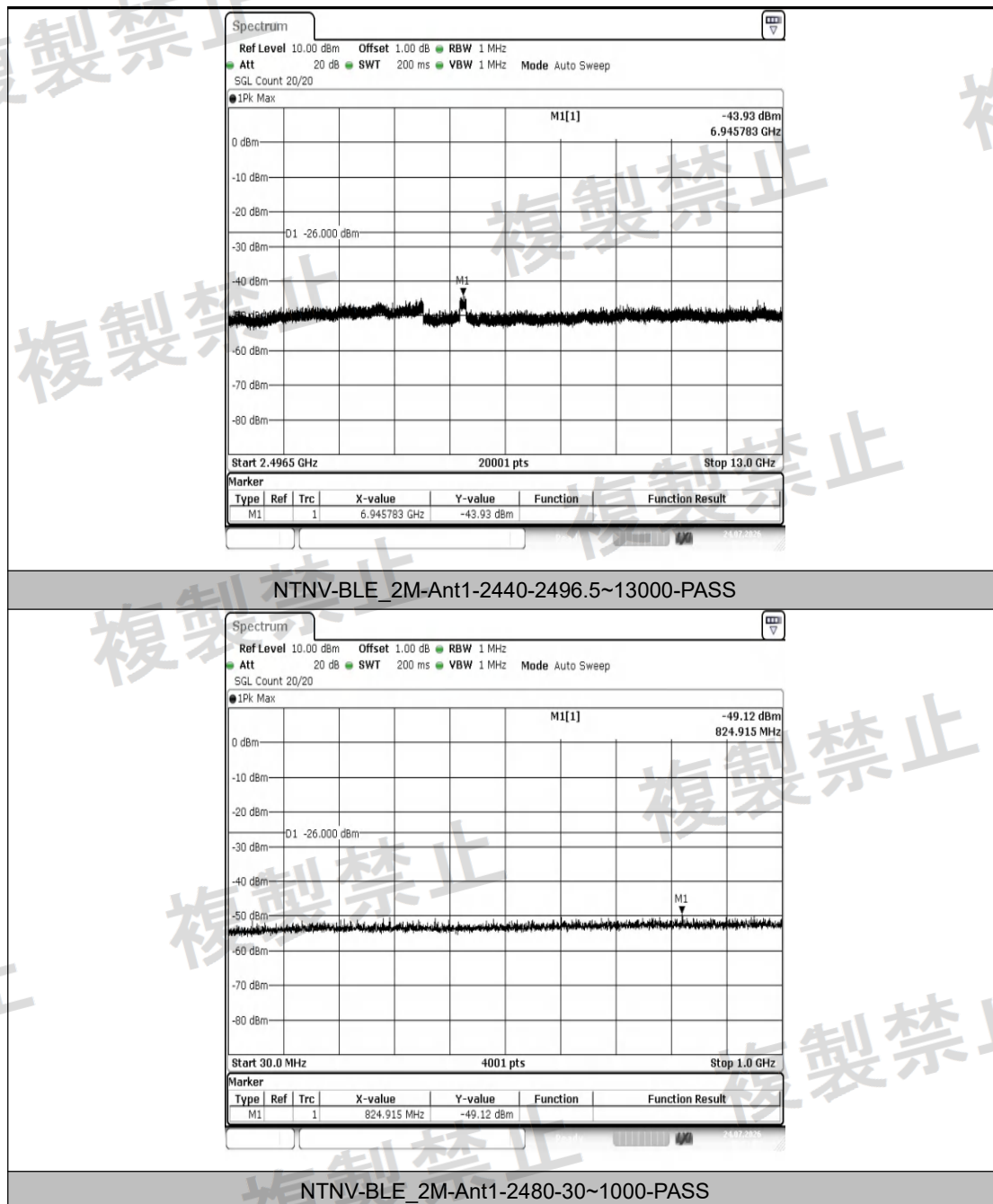


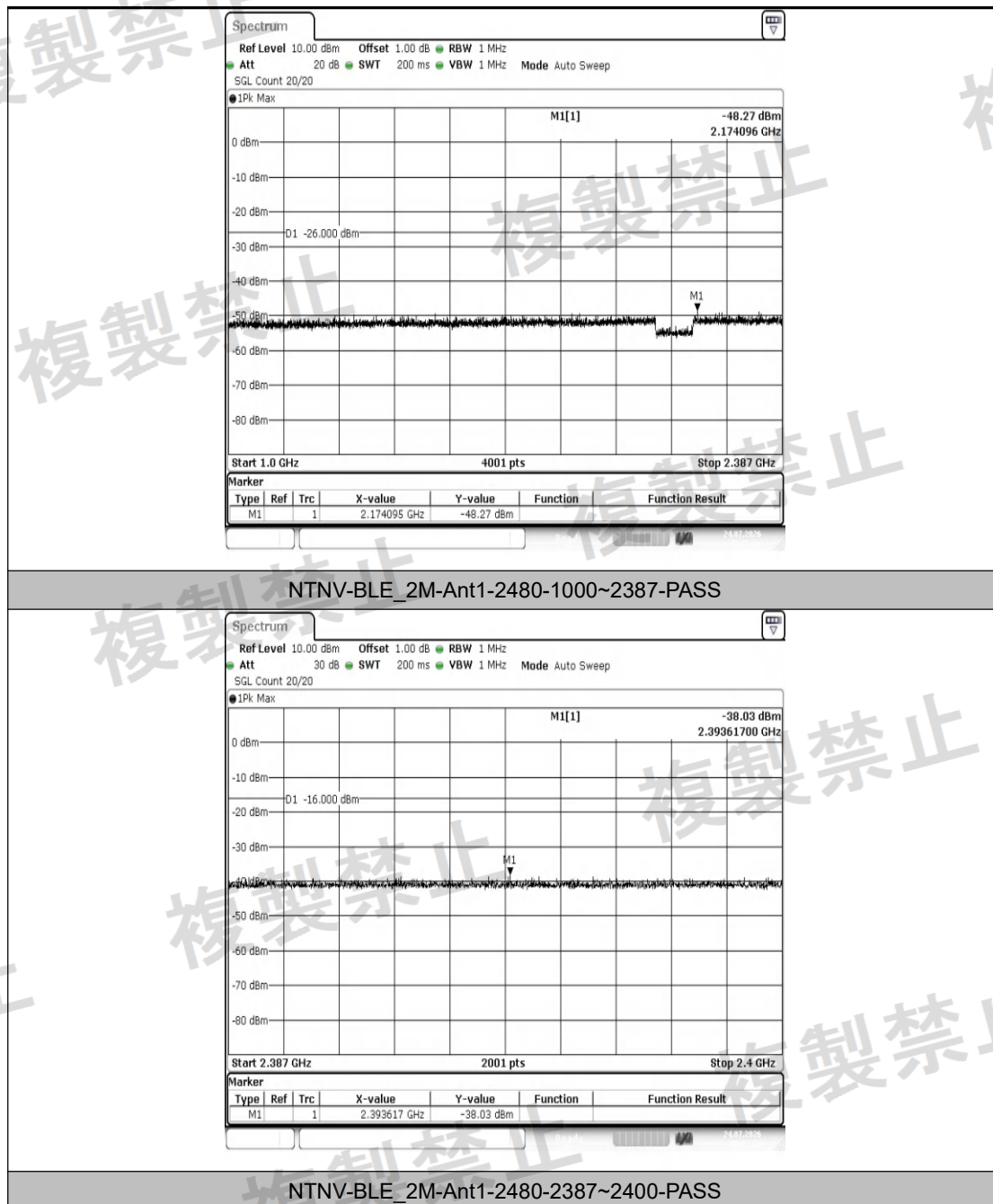


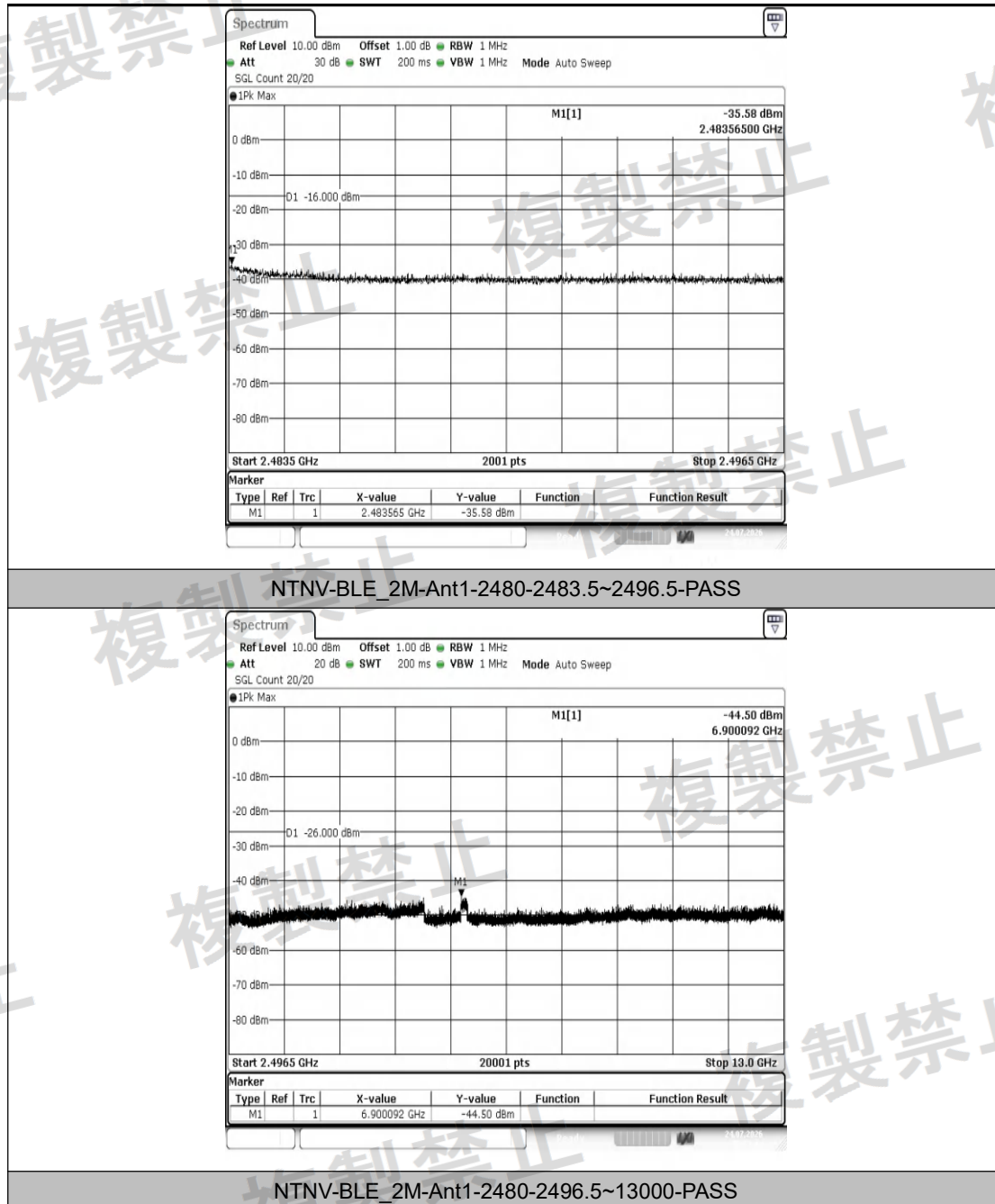




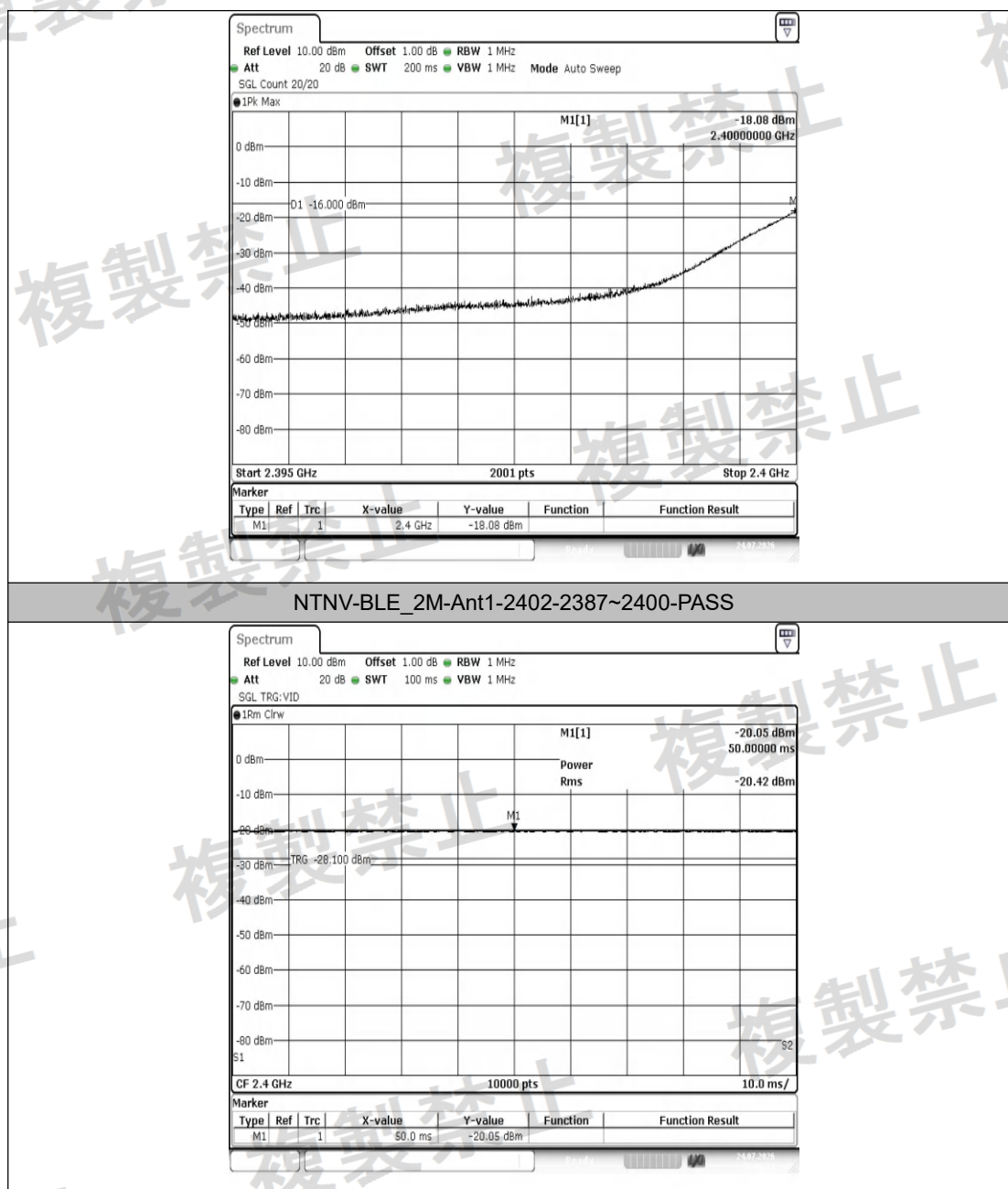








Test Graphs_Step2



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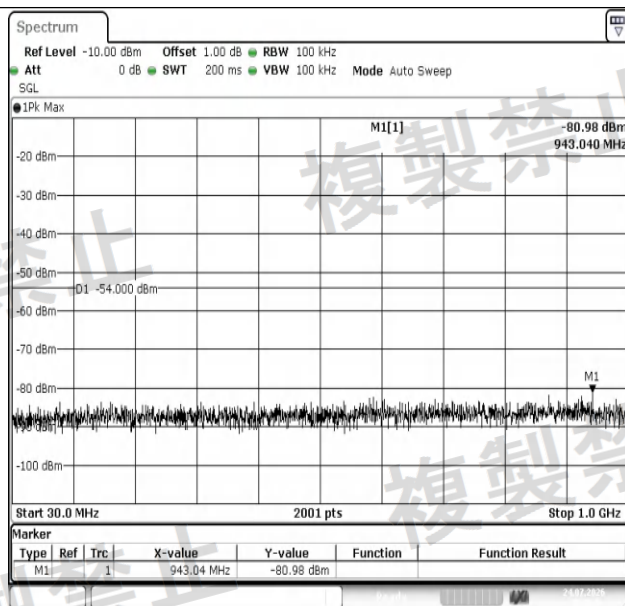
Appendix E: Spurious Emission of RX

Test Result

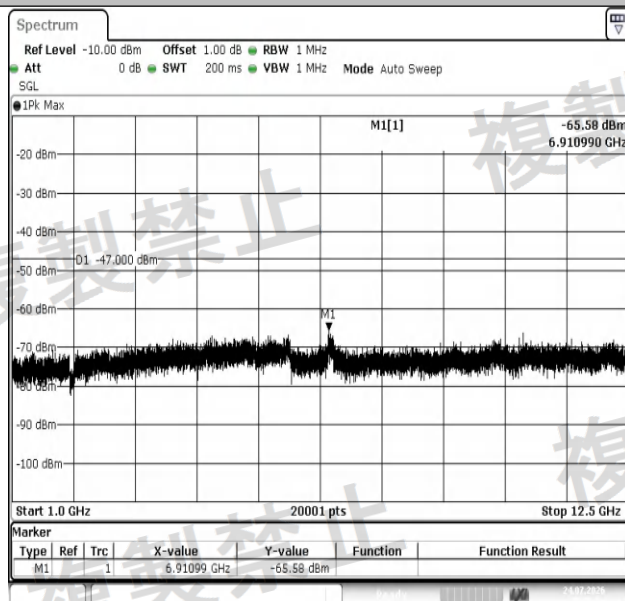
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	943.04	-80.98	≤-54	0.00798	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6910.99	-65.58	≤-47	0.27669	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	590.62	-82.12	≤-54	0.00614	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6906.97	-64.31	≤-47	0.37068	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	867.90	-81.89	≤-54	0.00647	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6973.66	-65.01	≤-47	0.31550	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	703.09	-81.70	≤-54	0.00676	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	6150.88	-65.72	≤-47	0.26792	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	669.64	-82.17	≤-54	0.00607	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	5879.49	-66.12	≤-47	0.24434	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	960.49	-81.49	≤-54	0.00710	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	6109.48	-66.42	≤-47	0.22803	≤20	PASS



Test Graphs

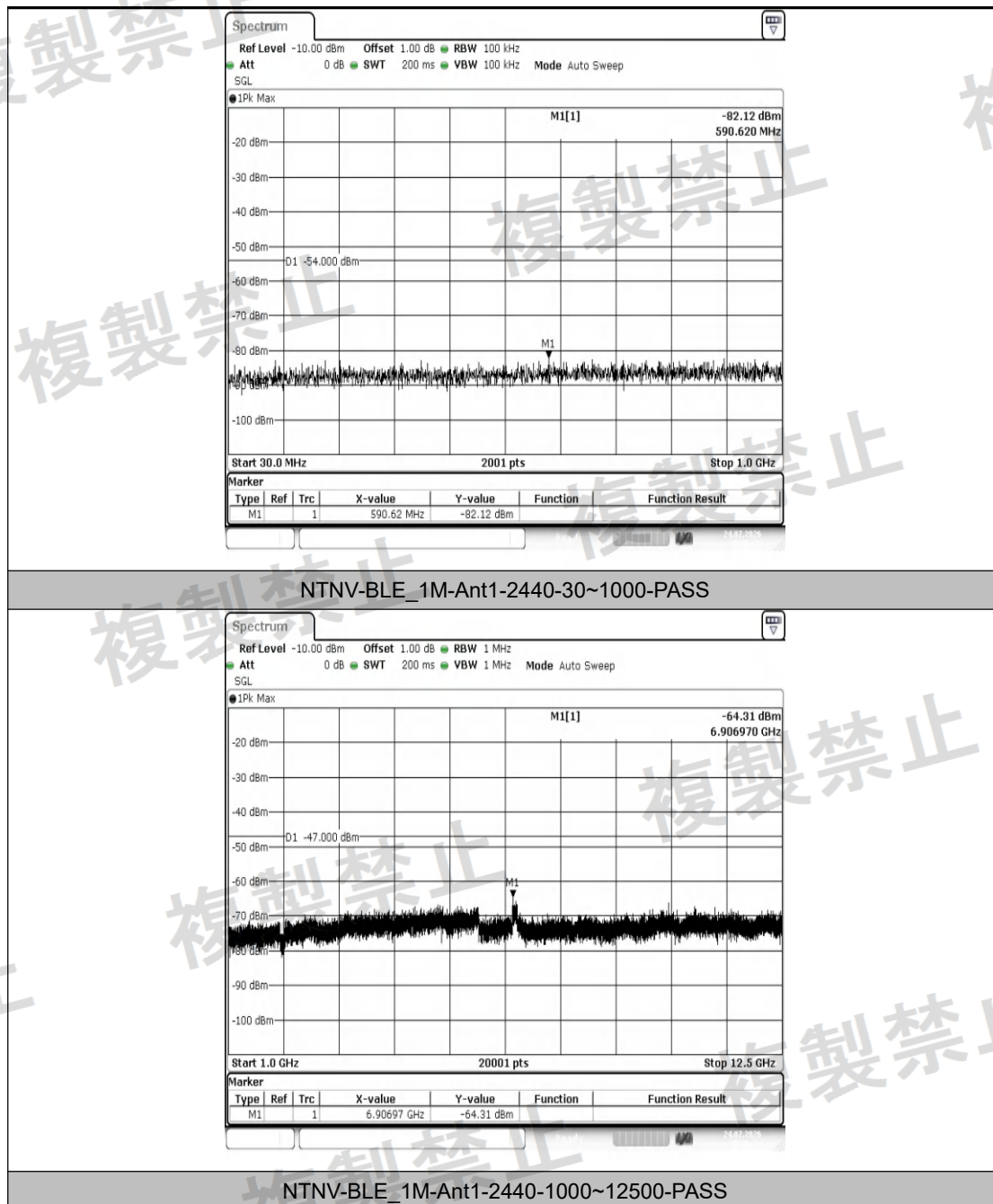


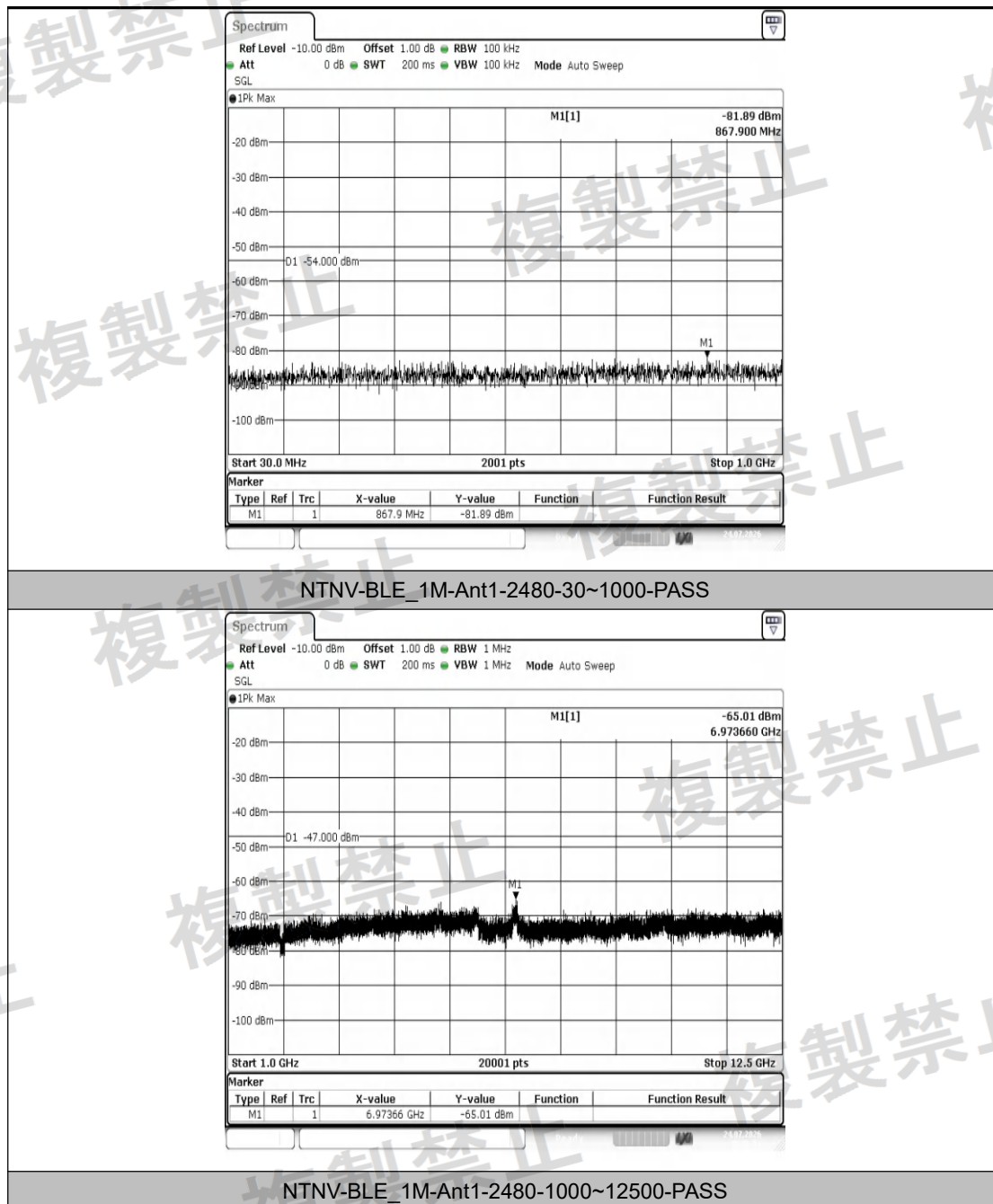
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

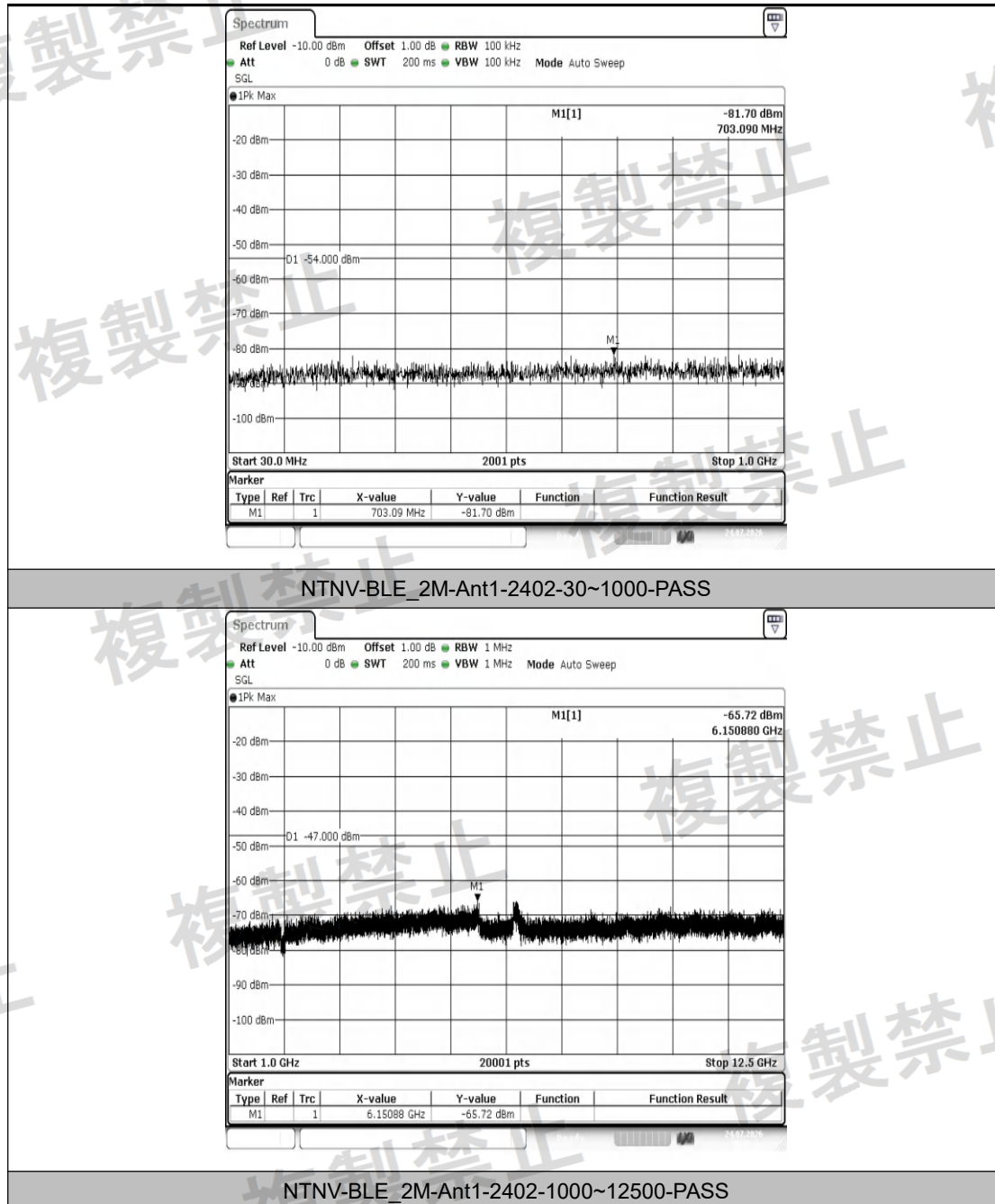


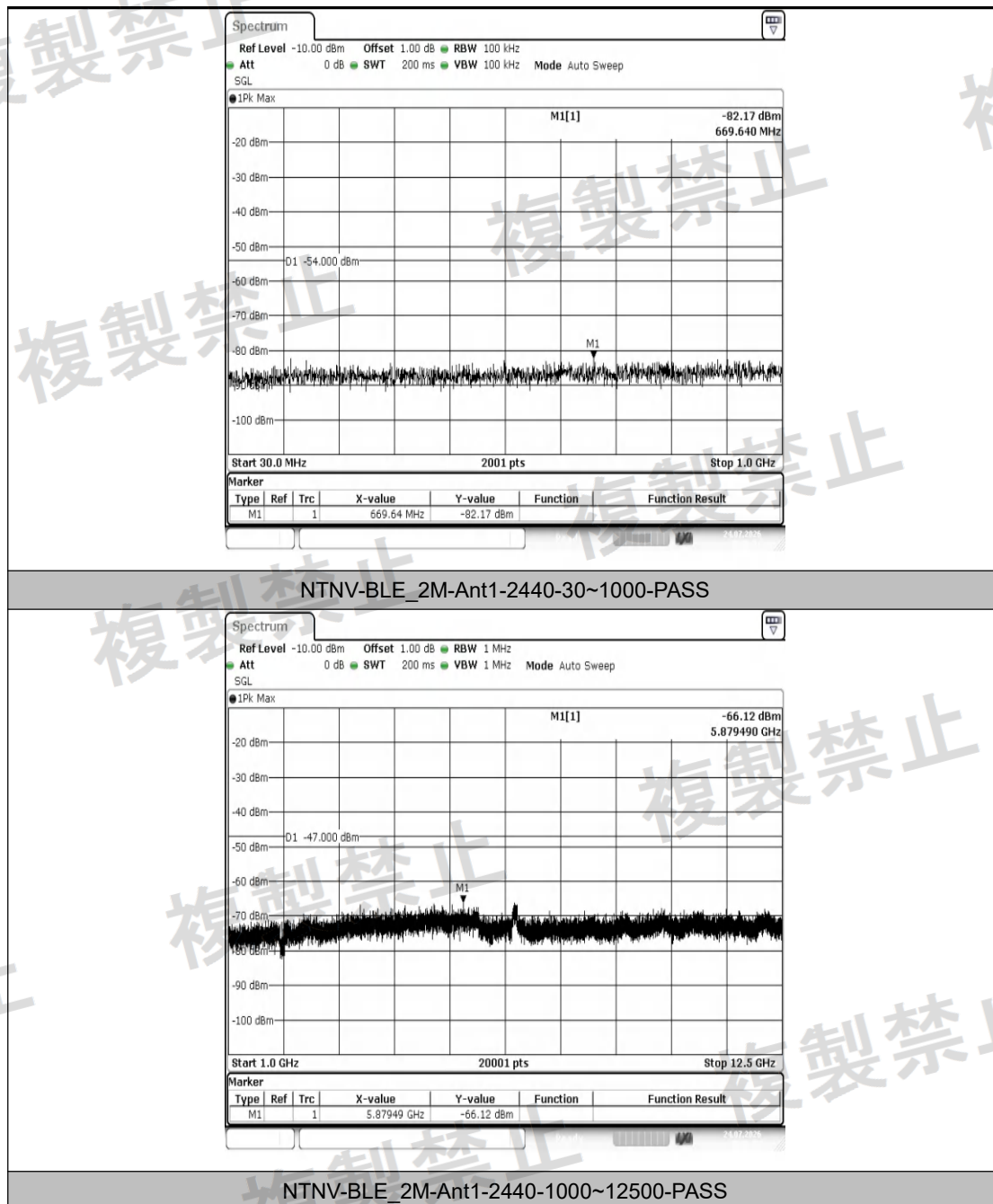
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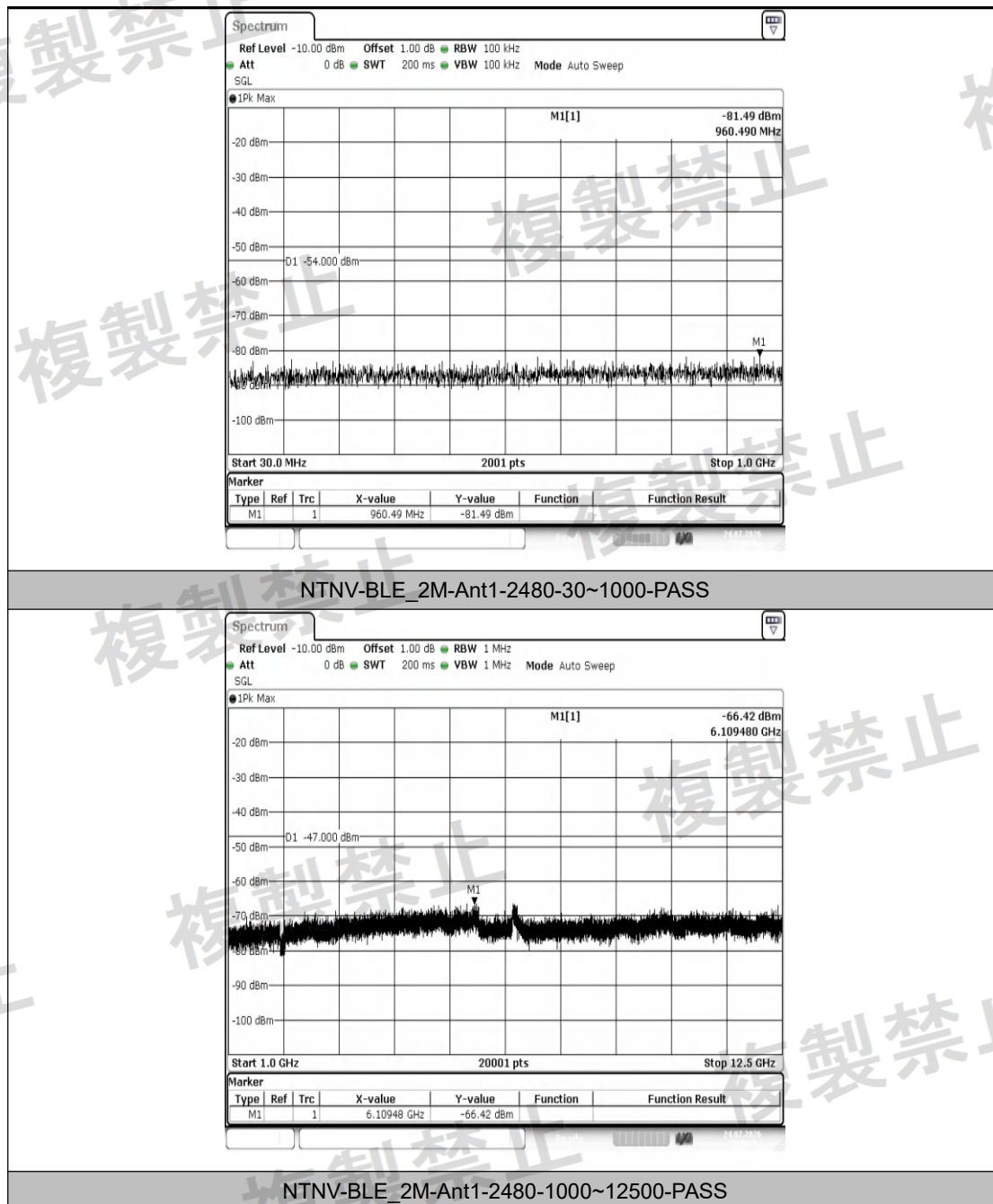












---End---

