

Appendix Test Data

Report No.:	1812C60458012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-17	Finish Test Date:	2026-8-18
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.6℃	Relative Humidity:	58%
Pressure:	101kPa		

Appendix A: Frequency Error

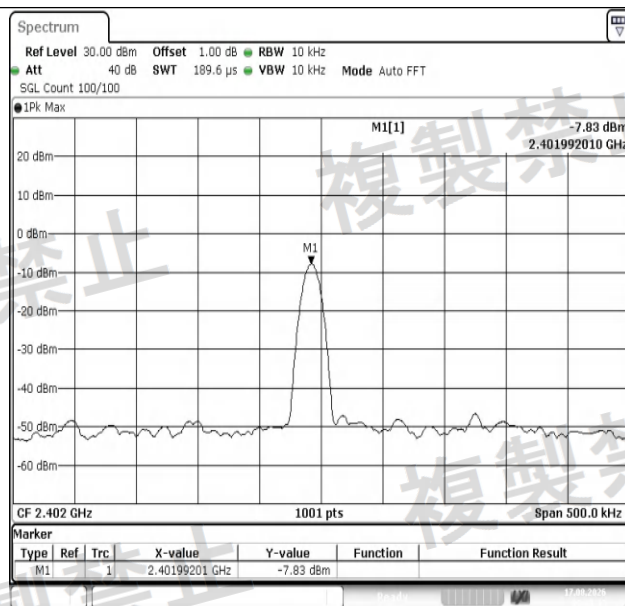
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.99201	-3.32640	±50	PASS
NTNV	CW	Ant1	2440	2439.99201	-3.27459	±50	PASS
NTNV	CW	Ant1	2480	2479.99151	-3.42339	±50	PASS

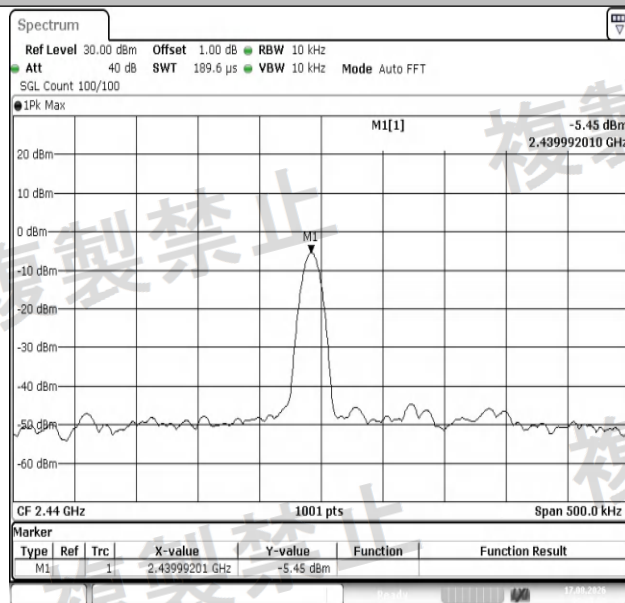
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

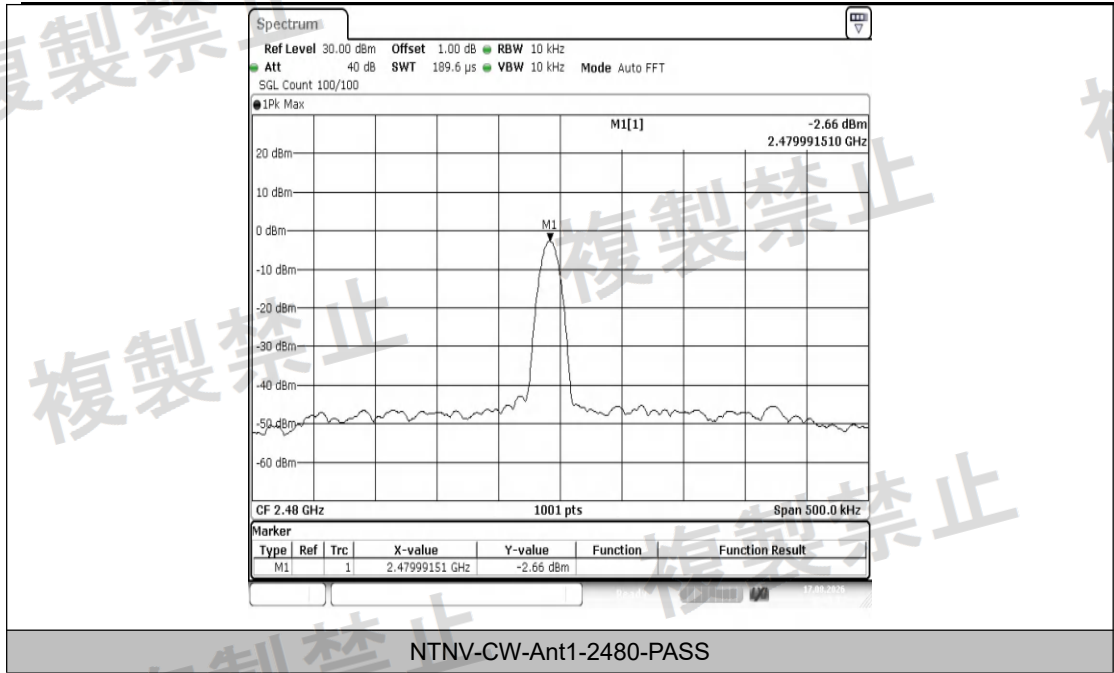


NTNV-CW-Ant1-2402-PASS



NTNV-CW-Ant1-2440-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	-8.85	0.1303	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-6.44	0.2269	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-2.92	0.5105	≤10	PASS
NTNV	BLE_2M	Ant1	2402	-8.96	0.1270	≤10	PASS
NTNV	BLE_2M	Ant1	2440	-6.37	0.2306	≤10	PASS
NTNV	BLE_2M	Ant1	2480	-2.93	0.5093	≤10	PASS

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

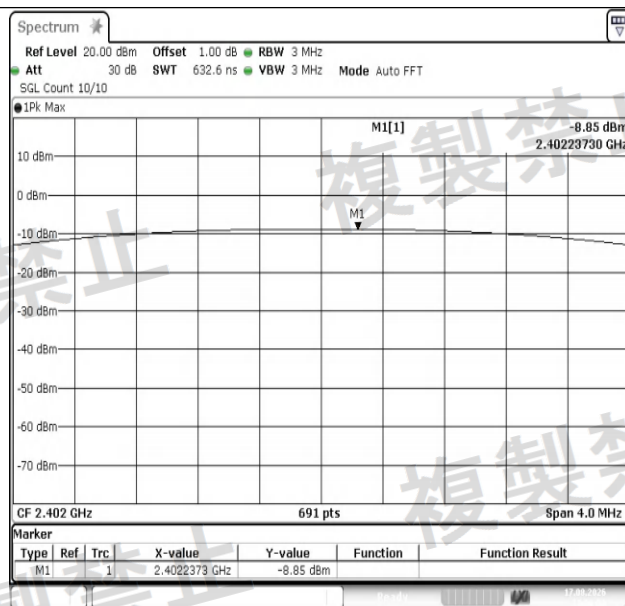
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.1303	0.5	-73.94	+20	PASS
NTNV	BLE_1M	Ant1	2440	0.2269	0.5	-54.62	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.5105	0.5	2.10	+20	PASS
NTNV	BLE_2M	Ant1	2402	0.127	0.5	-74.60	+20	PASS
NTNV	BLE_2M	Ant1	2440	0.2306	0.5	-53.88	+20	PASS
NTNV	BLE_2M	Ant1	2480	0.5093	0.5	1.86	+20	PASS

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	-8.85	2.59	-6.26	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-6.44	2.59	-3.85	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-2.92	2.59	-0.33	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	-8.96	2.59	-6.37	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	-6.37	2.59	-3.78	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	-2.93	2.59	-0.34	≤12.14	PASS

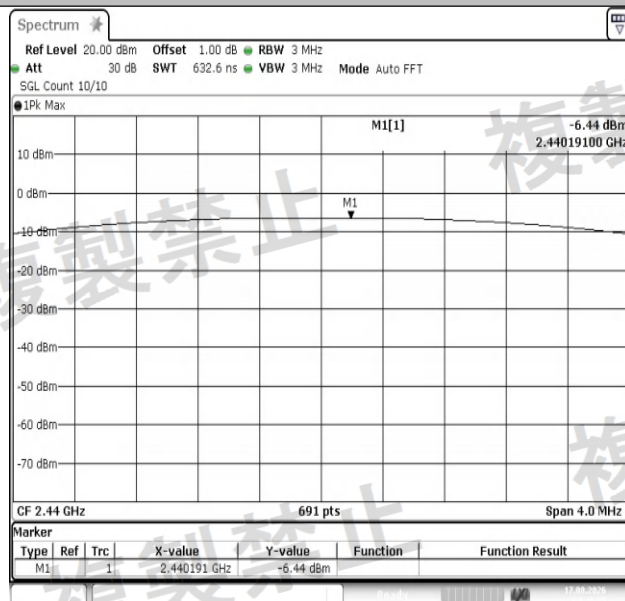
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

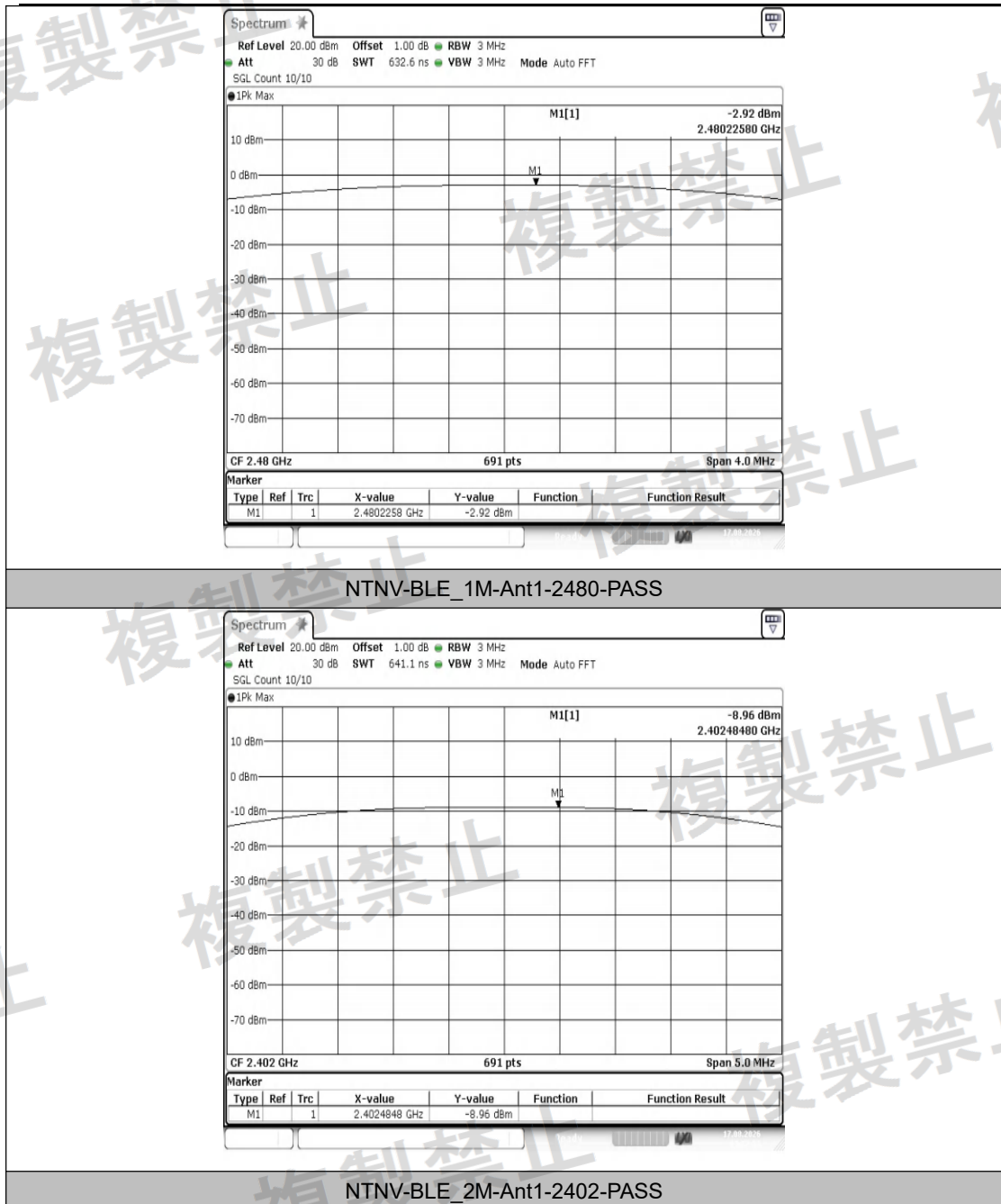


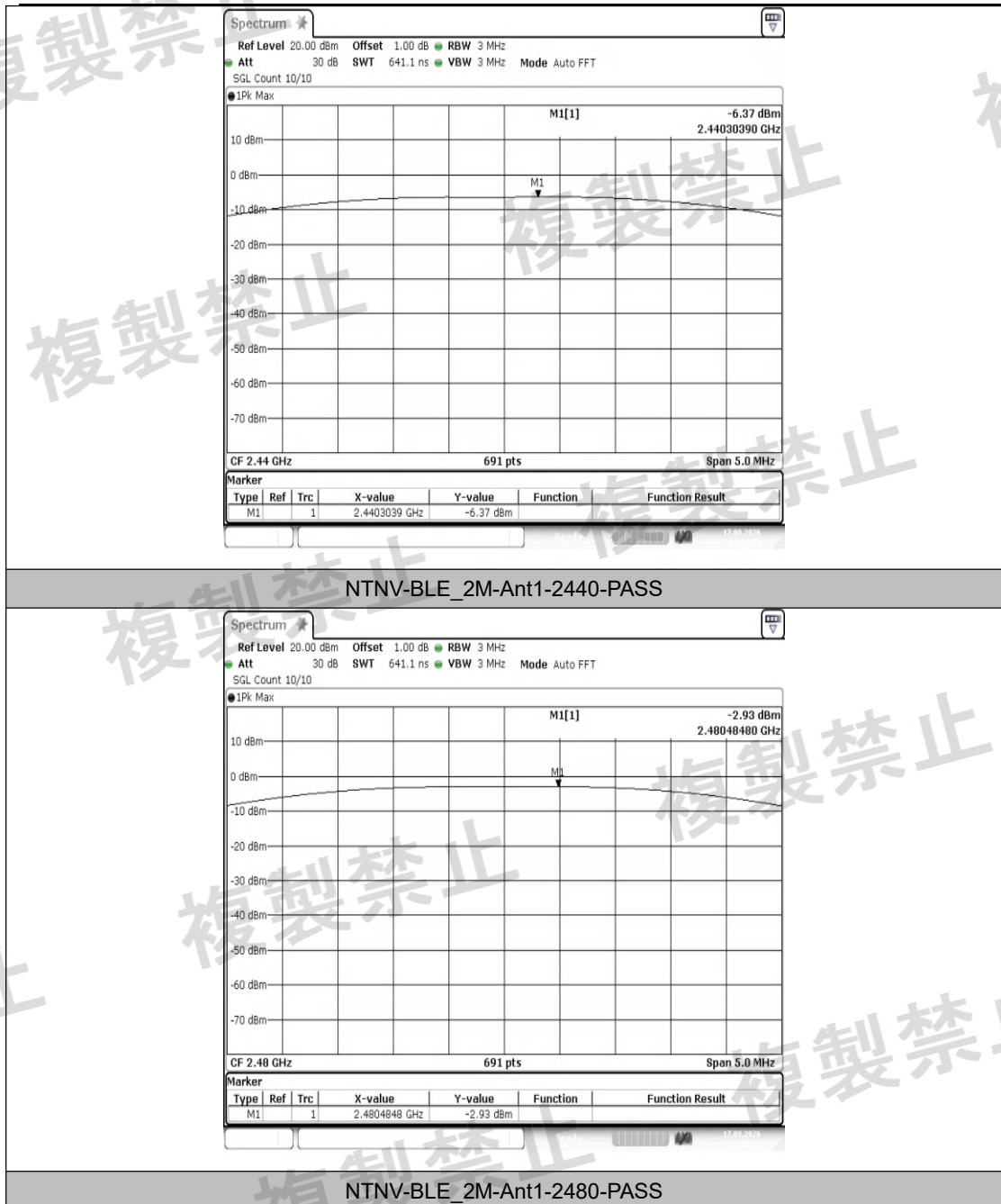
NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS







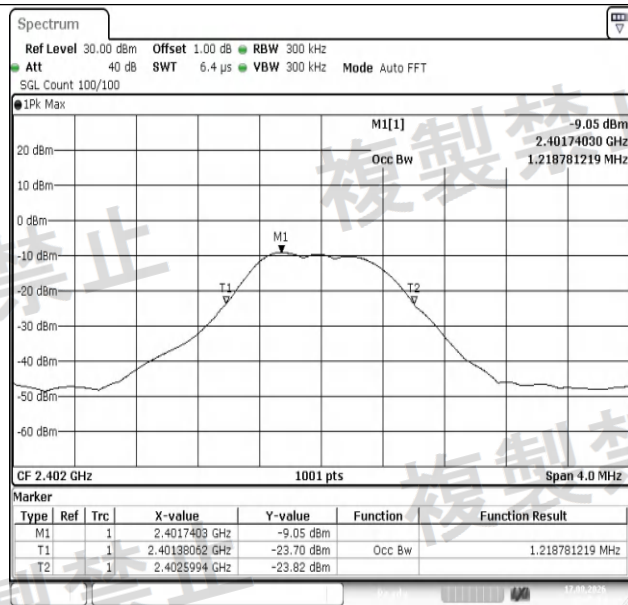
Appendix C: Occupied Bandwidth

Test Result

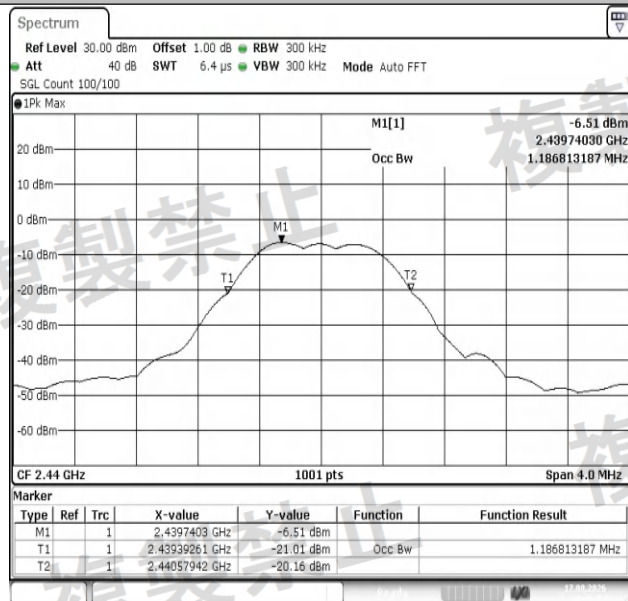
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.219	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.187	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.207	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.162	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.150	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.150	≤26	PASS



Test Graphs

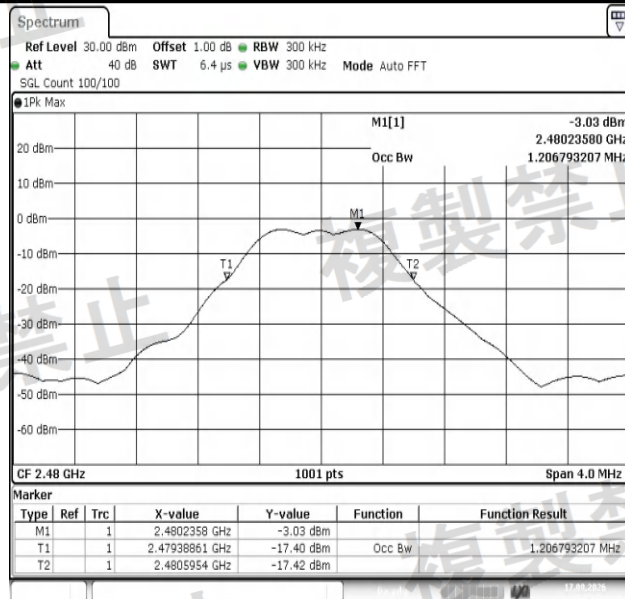


NTNV-BLE_1M-Ant1-2402-PASS

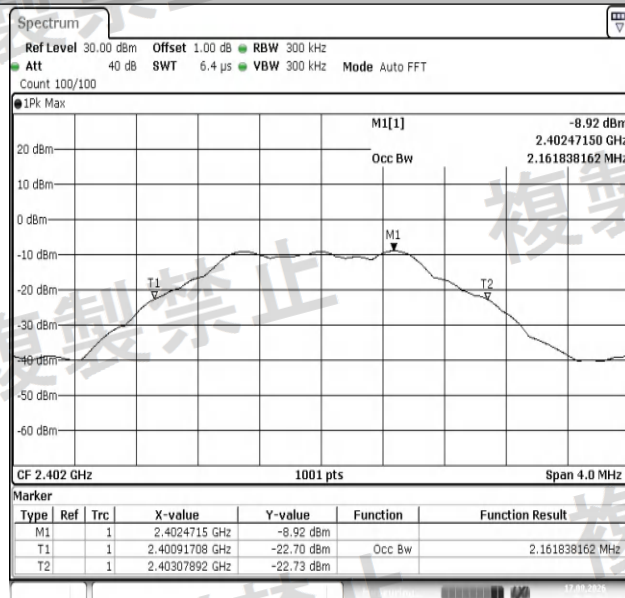


NTNV-BLE_1M-Ant1-2440-PASS



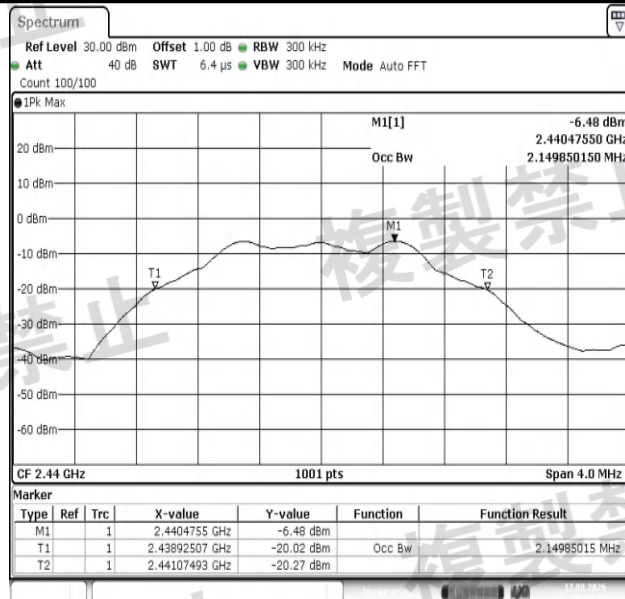


NTNV-BLE_1M-Ant1-2480-PASS

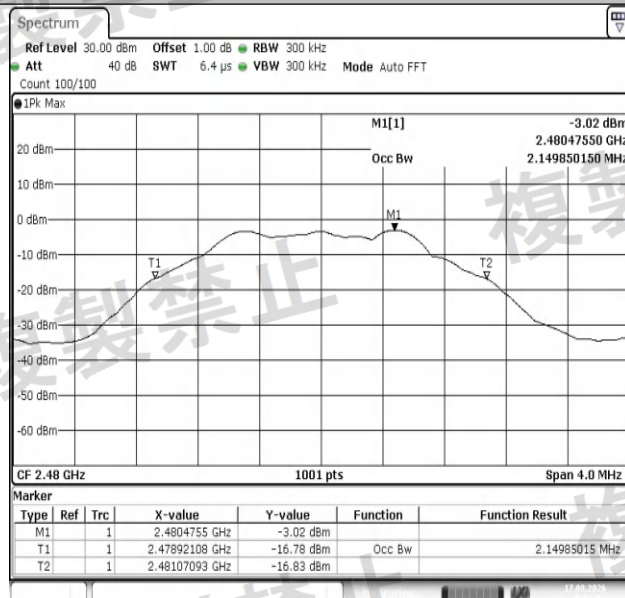


NTNV-BLE_2M-Ant1-2402-PASS





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	827.10	-38.47	≤-26	0.14223	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2385.61	-48.25	≤-26	0.01496	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2397.93	-35.37	≤-16	0.29040	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2486.09	-38.48	≤-16	0.14191	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	2522.23	-23.78	≤-26	4.18794	≤2.5	See table below
NTNV	BLE_1M	Ant1	2440	30~1000	30.24	-44.69	≤-26	0.03396	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	1885.60	-49.02	≤-26	0.01253	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2394.70	-37.96	≤-16	0.15996	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2495.97	-38.08	≤-16	0.15560	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	9759.15	-38.73	≤-26	0.13397	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	30.73	-45.07	≤-26	0.03112	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2269.80	-48.83	≤-26	0.01309	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2394.38	-38.60	≤-16	0.13804	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.82	-30.48	≤-16	0.89536	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	9920.90	-36.27	≤-26	0.23605	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	833.89	-37.42	≤-26	0.18113	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2	2014.94	-48.4	≤-26	0.01416	≤2.5	PASS

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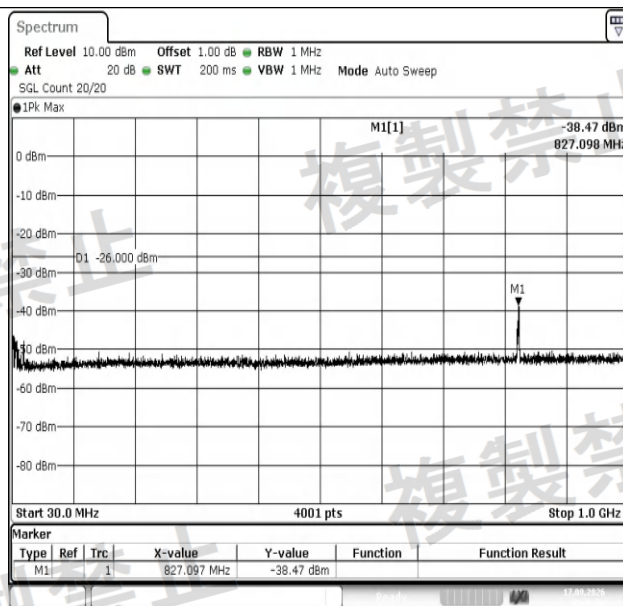
				387		9				
NTNV	BLE_2M	Ant1	2402	2387~2400	2400.00	-30.52	≤-16	0.88716	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2488.07	-38.16	≤-16	0.15276	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	5244.22	-35.06	≤-26	0.31189	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	827.58	-38.35	≤-26	0.14622	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	2288.87	-48.91	≤-26	0.01285	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2393.19	-38.34	≤-16	0.14655	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2486.21	-37.95	≤-16	0.16032	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	5235.29	-36.69	≤-26	0.21429	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	825.40	-40.80	≤-26	0.08318	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2252.81	-49.30	≤-26	0.01175	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2399.23	-38.87	≤-16	0.12972	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.51	-30.26	≤-16	0.94189	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	9918.27	-36.93	≤-26	0.20277	≤2.5	PASS

Test Result_Step2

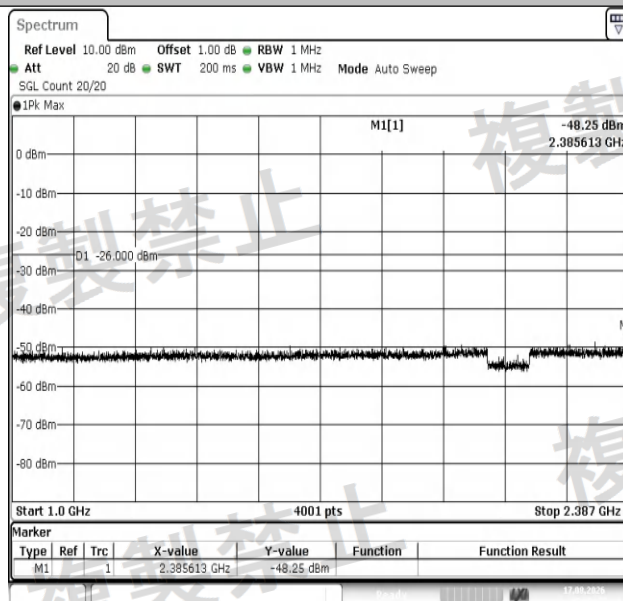
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	2522.23	-40.92	≤-26	0.08091	≤2.5	PASS



Test Graphs

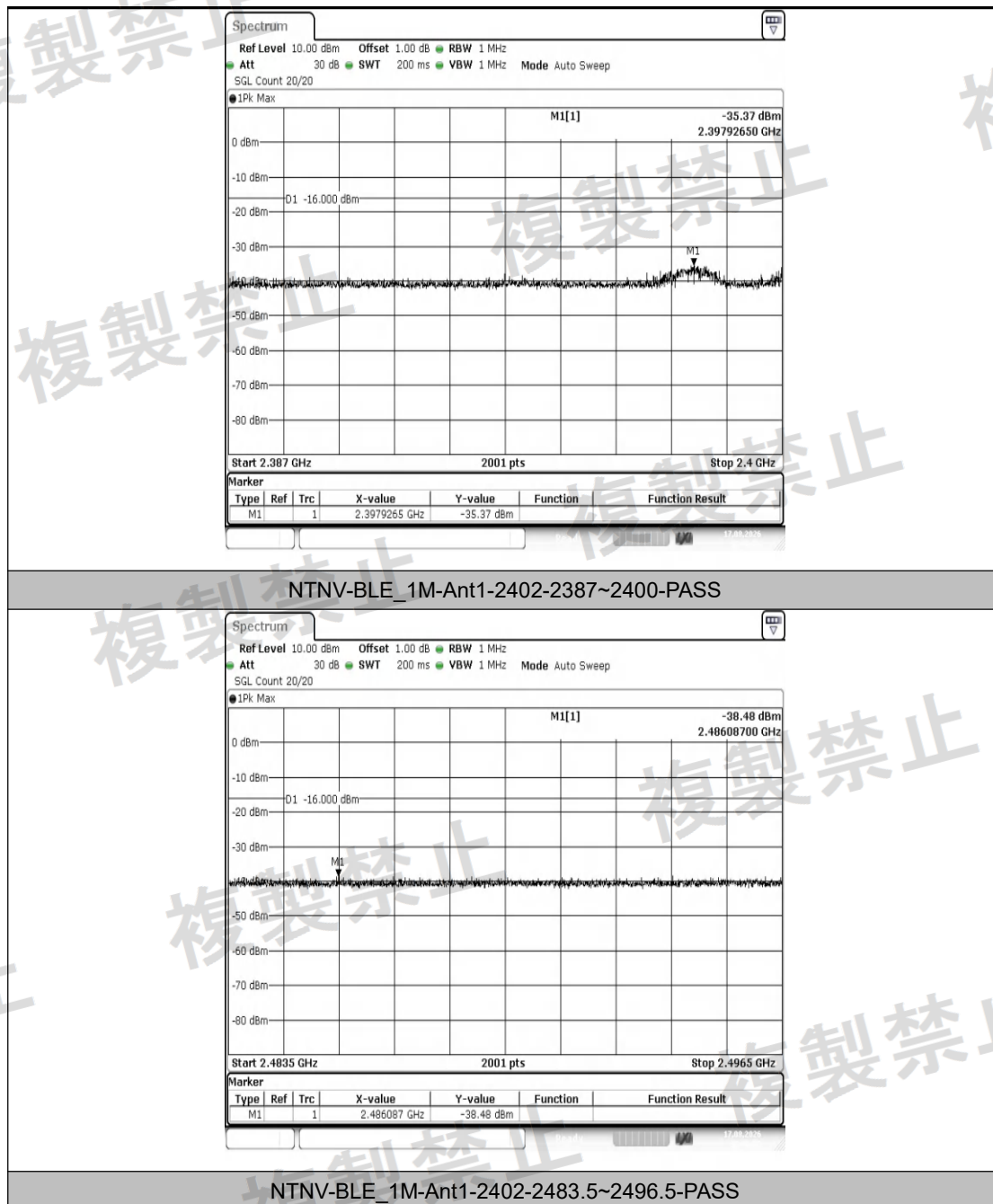


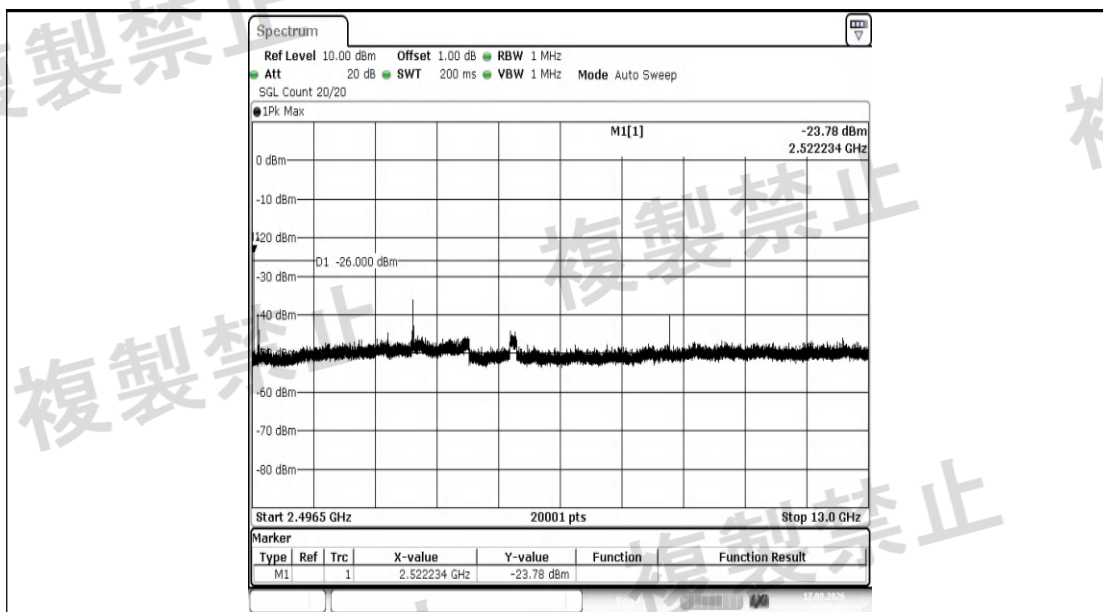
NTNV-BLE_1M-Ant1-2402-30~1000-PASS



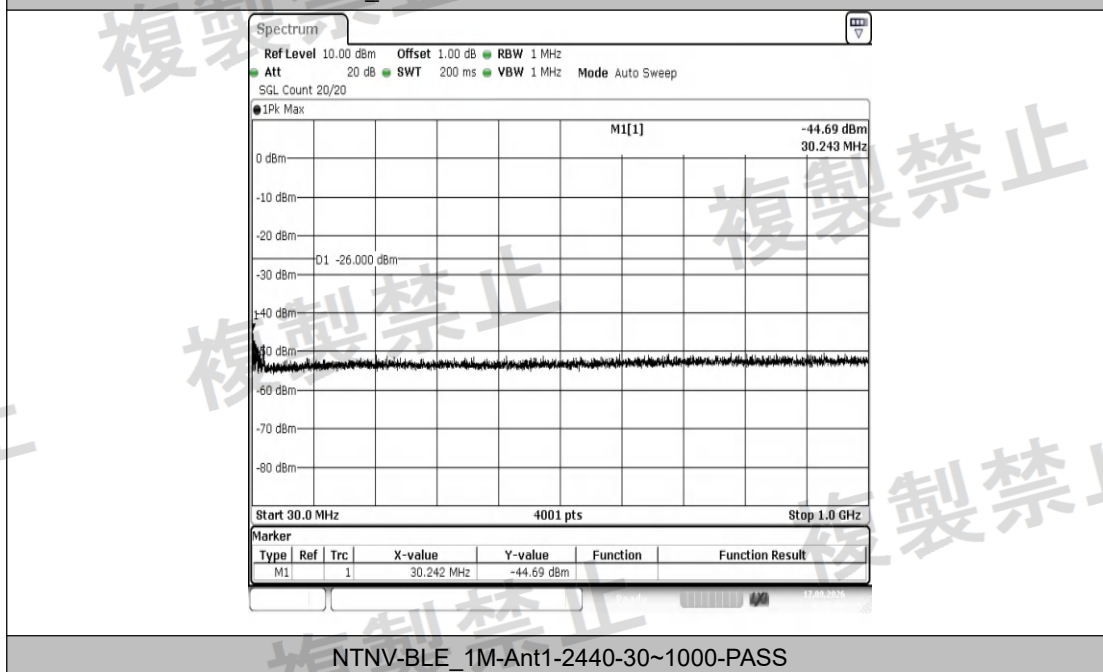
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS





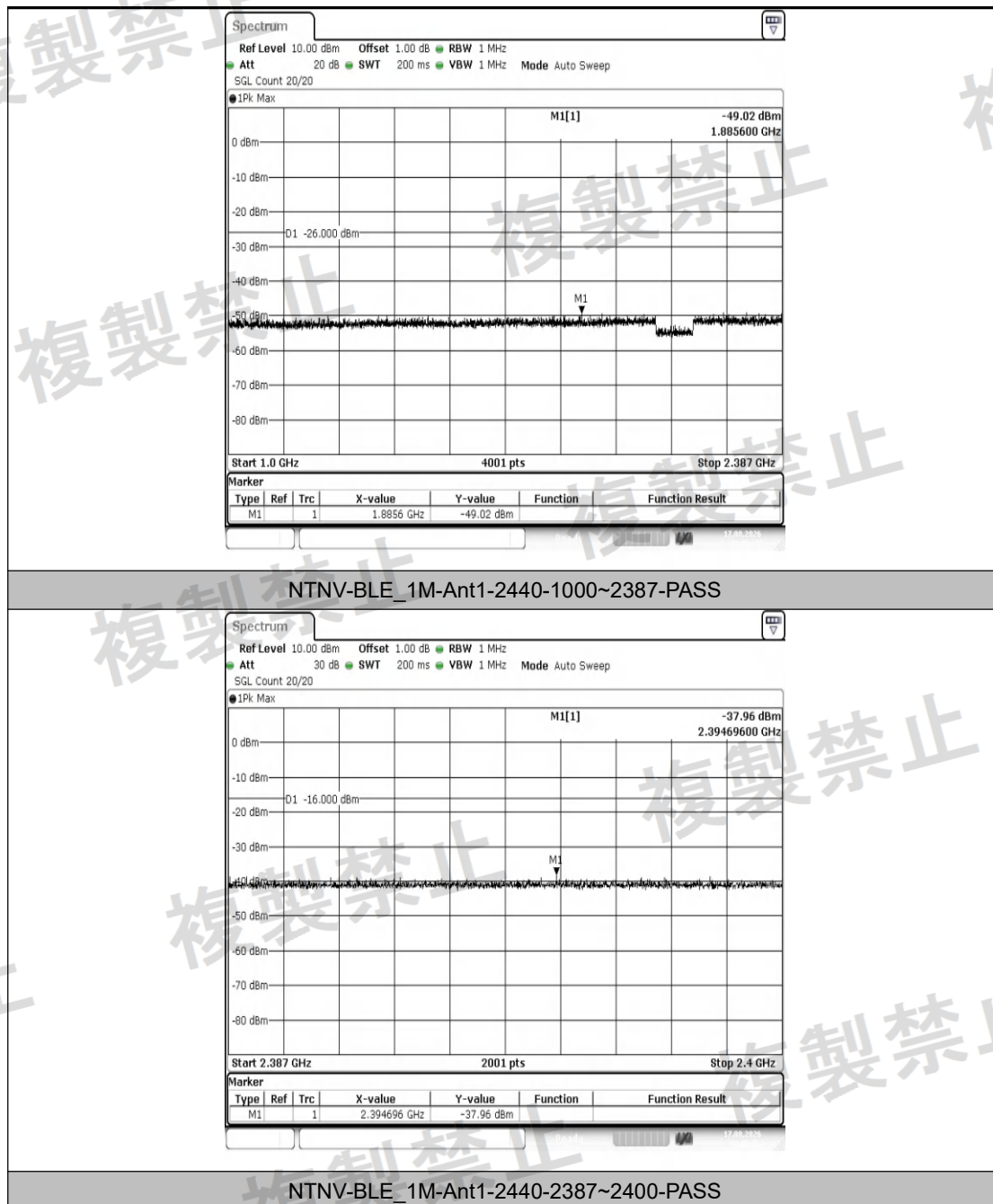


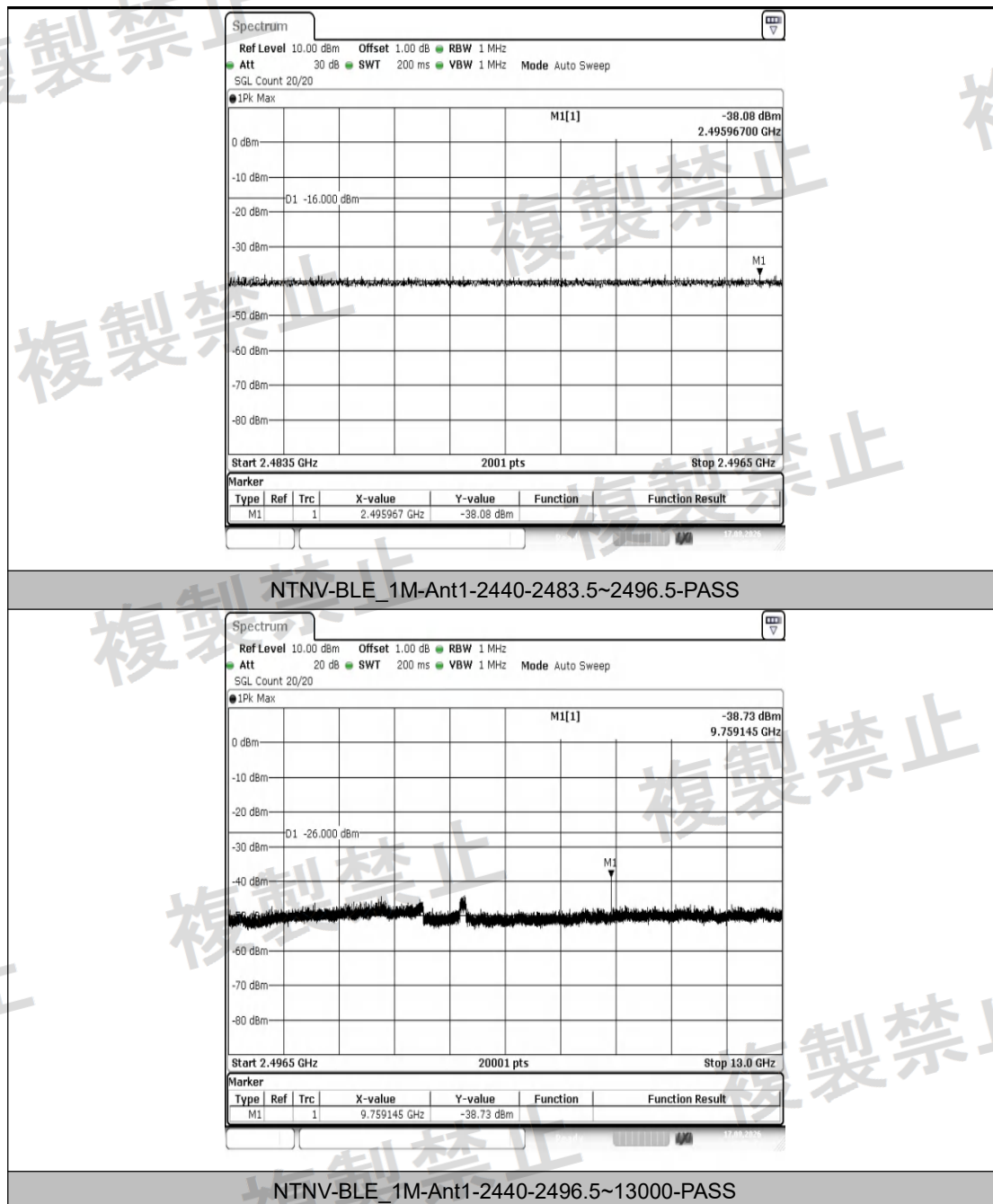
NTNV-BLE_1M-Ant1-2402-2496.5~13000-See table below

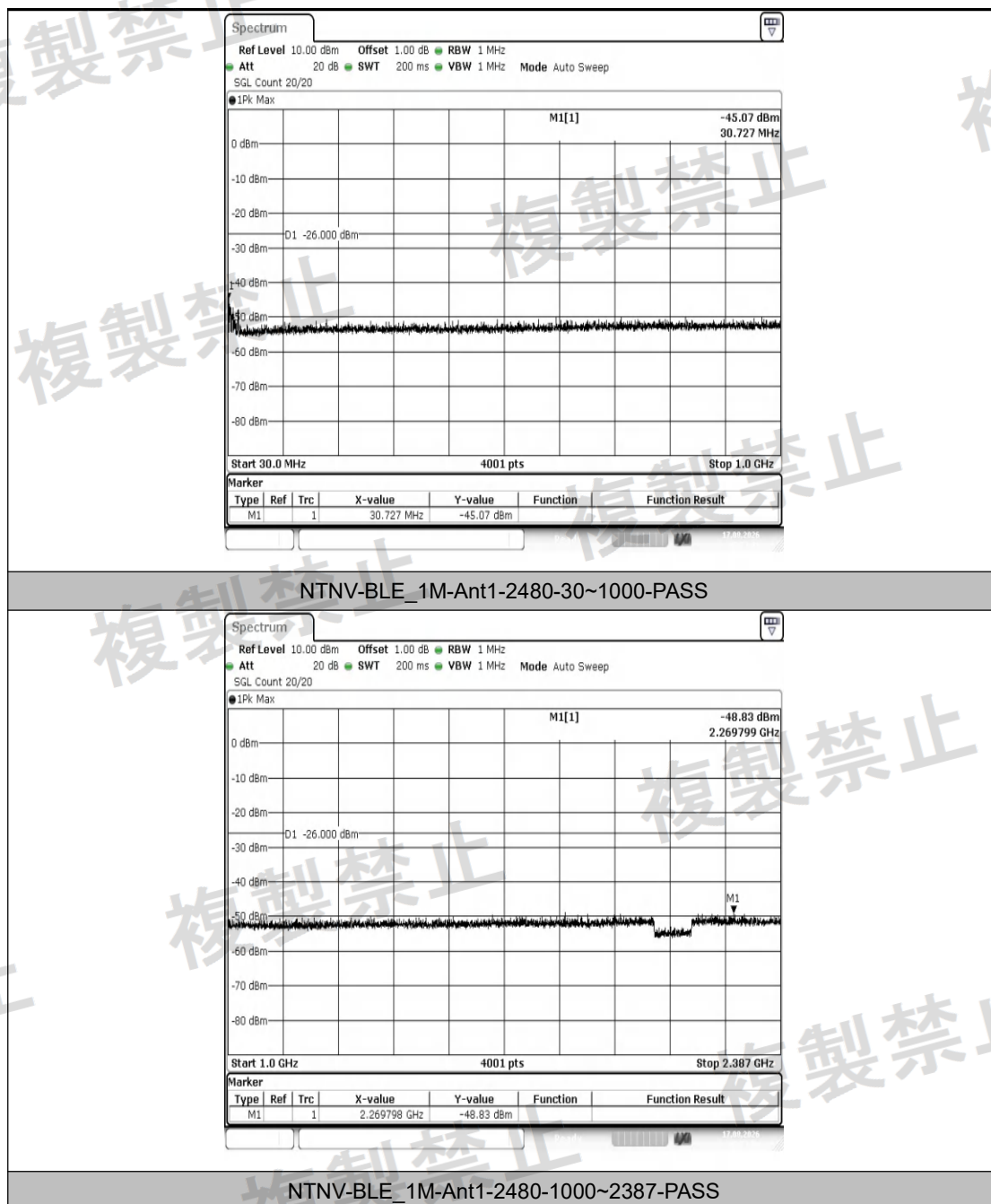


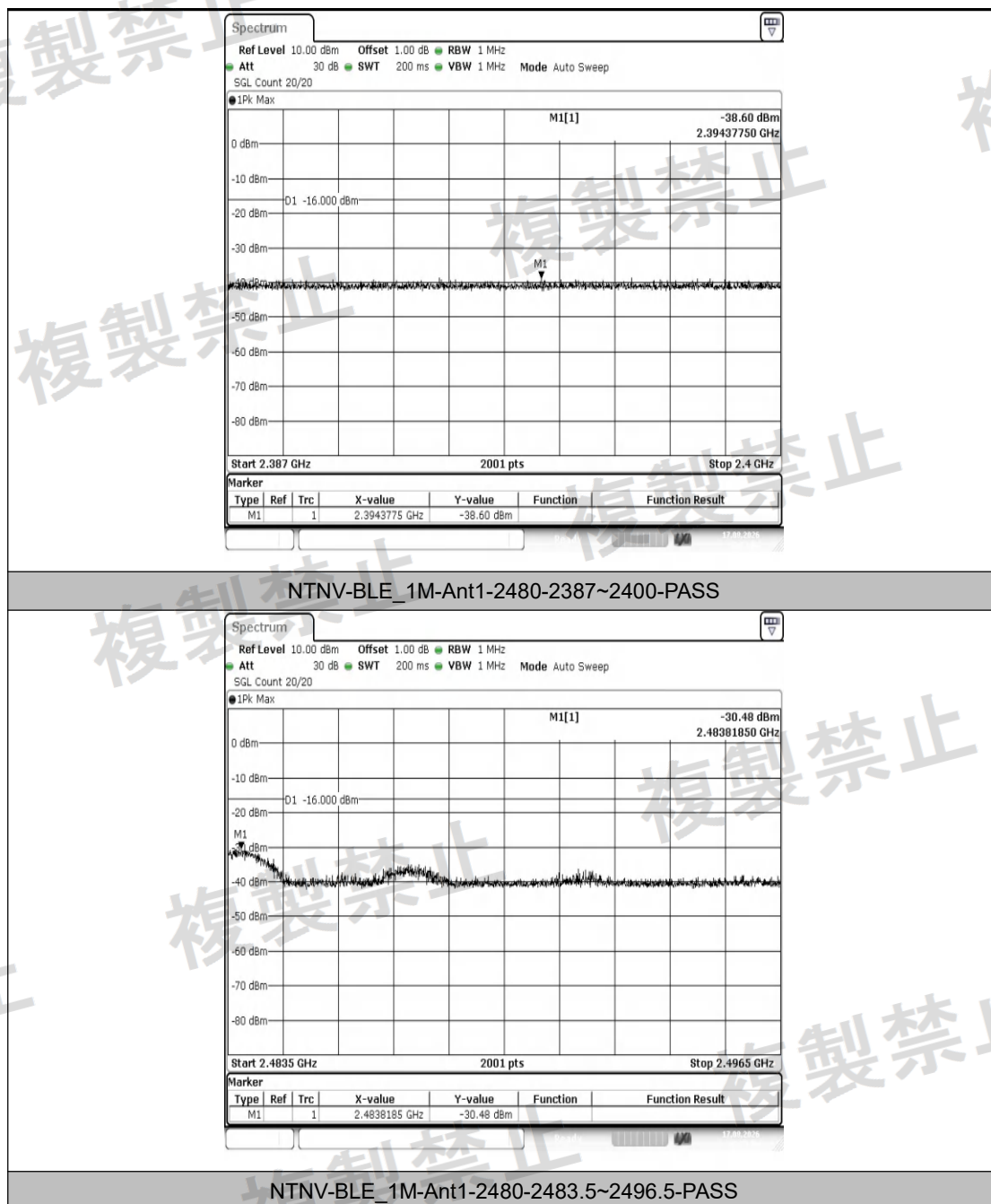
NTNV-BLE_1M-Ant1-2440-30~1000-PASS

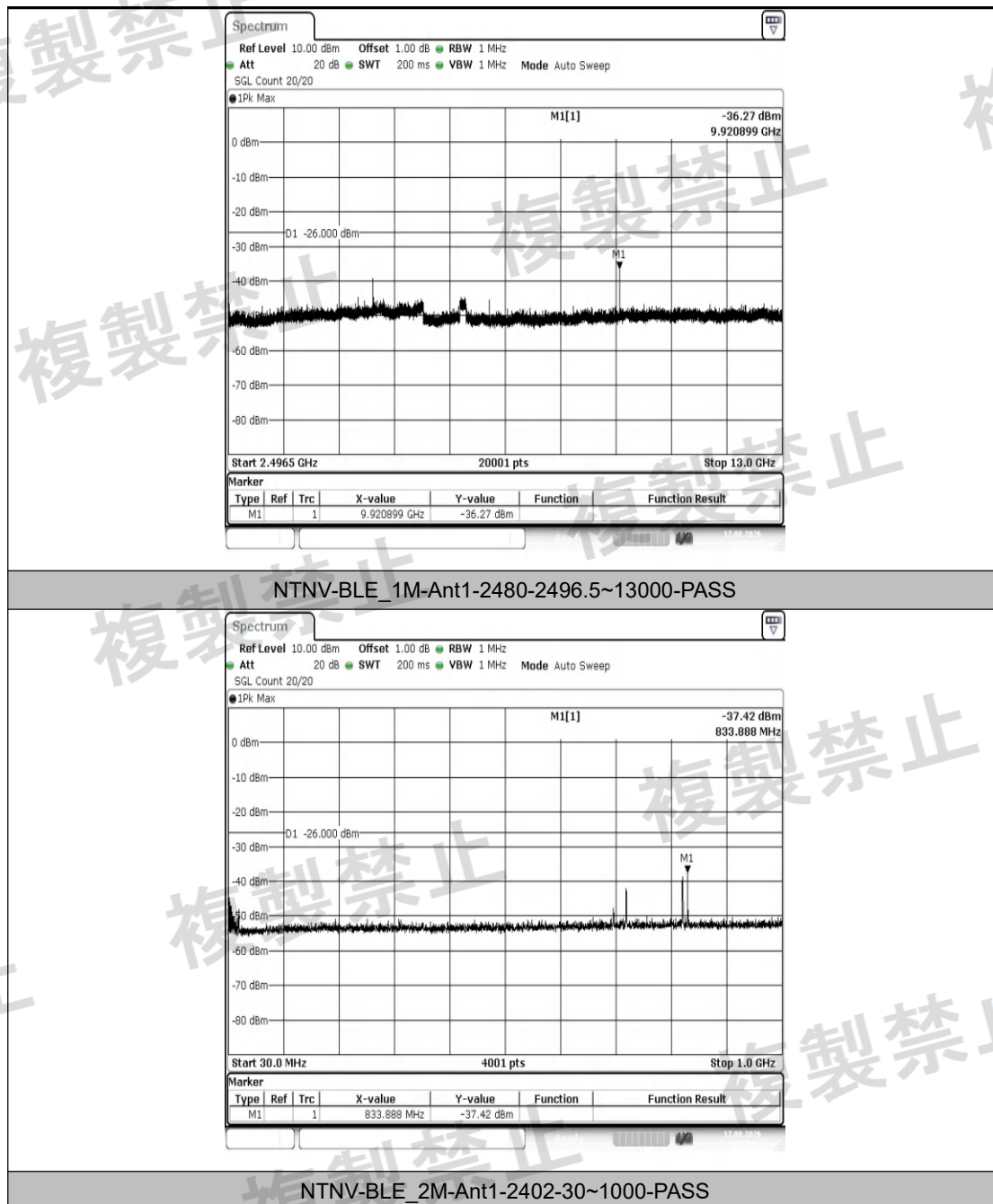


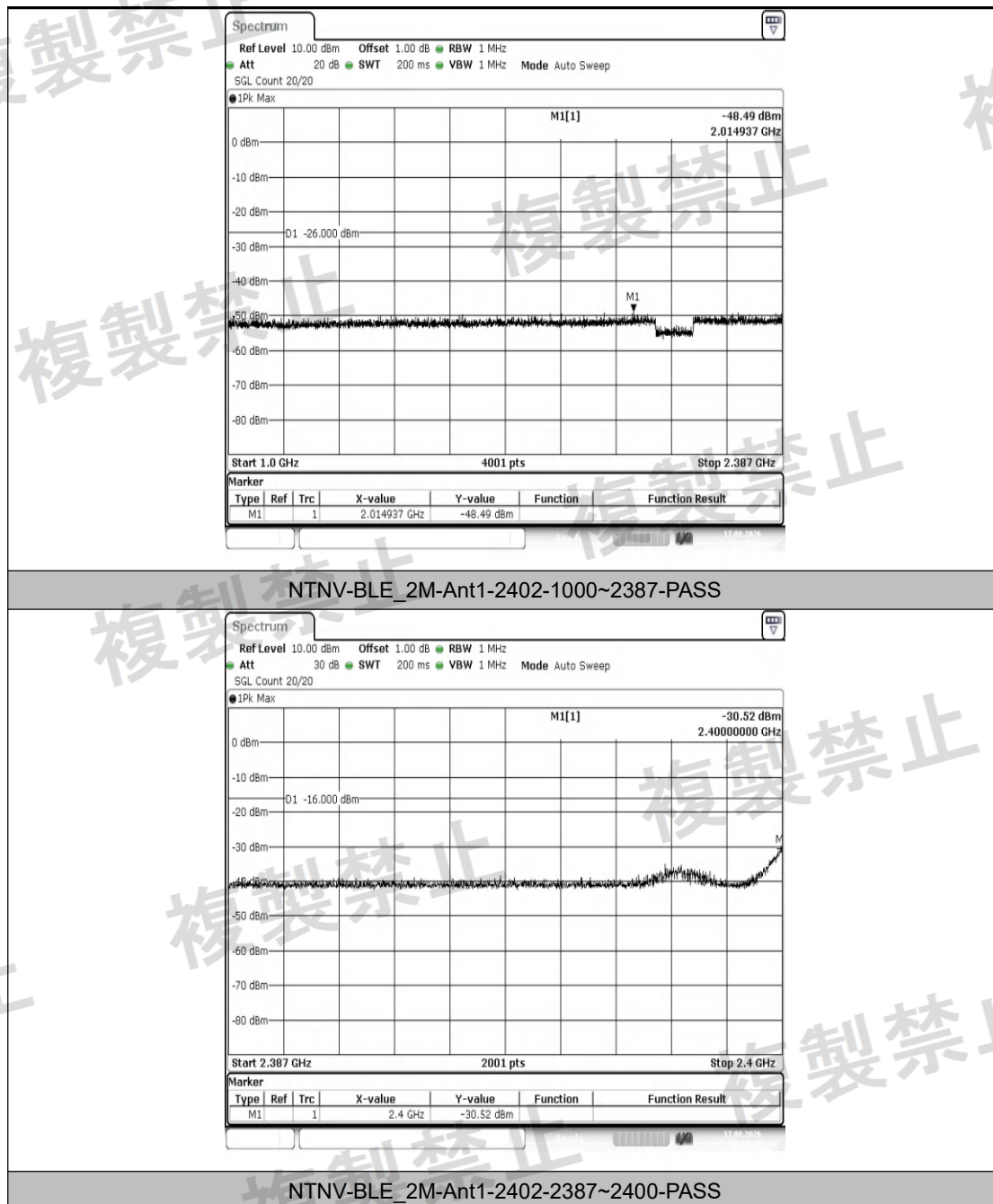


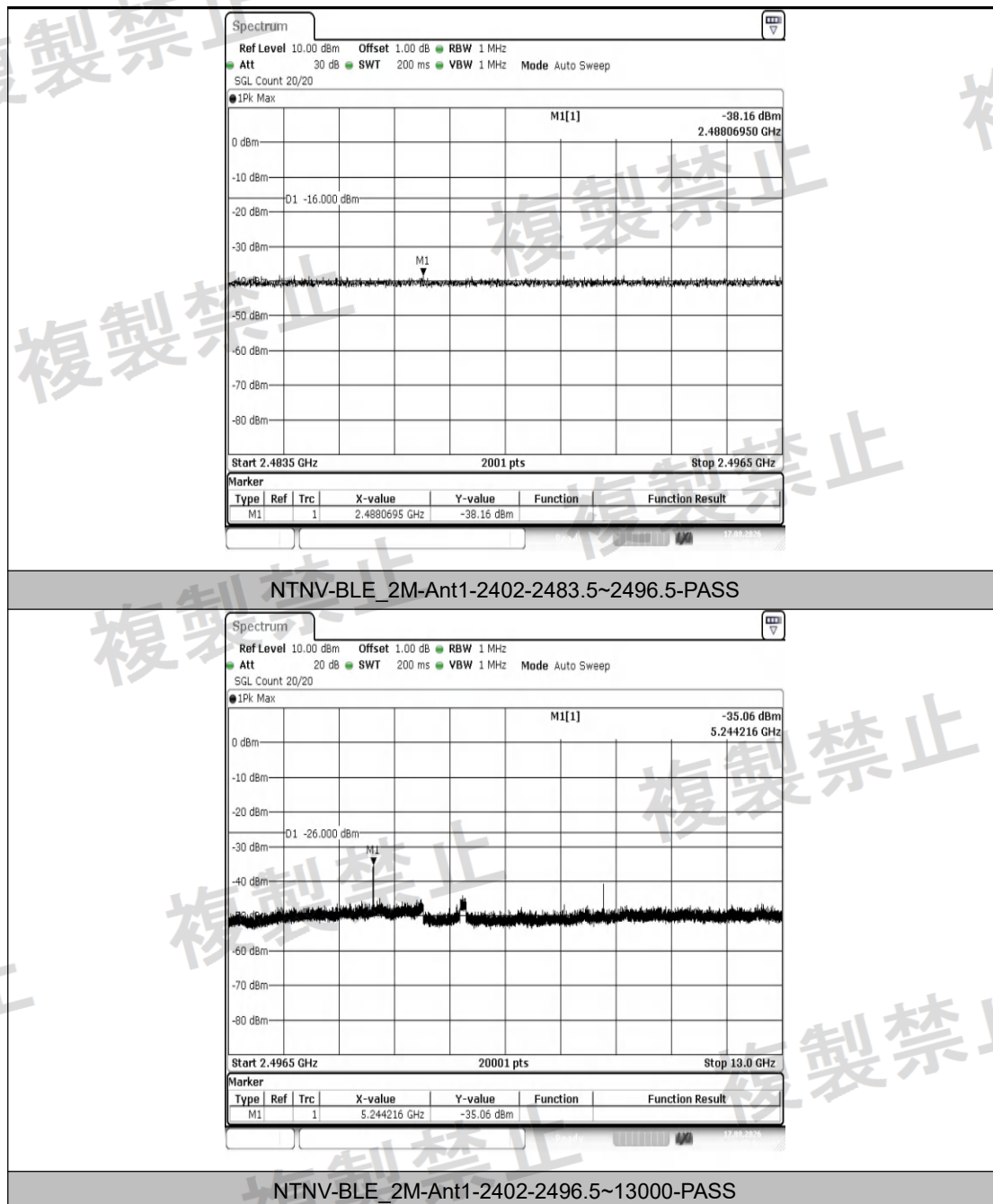


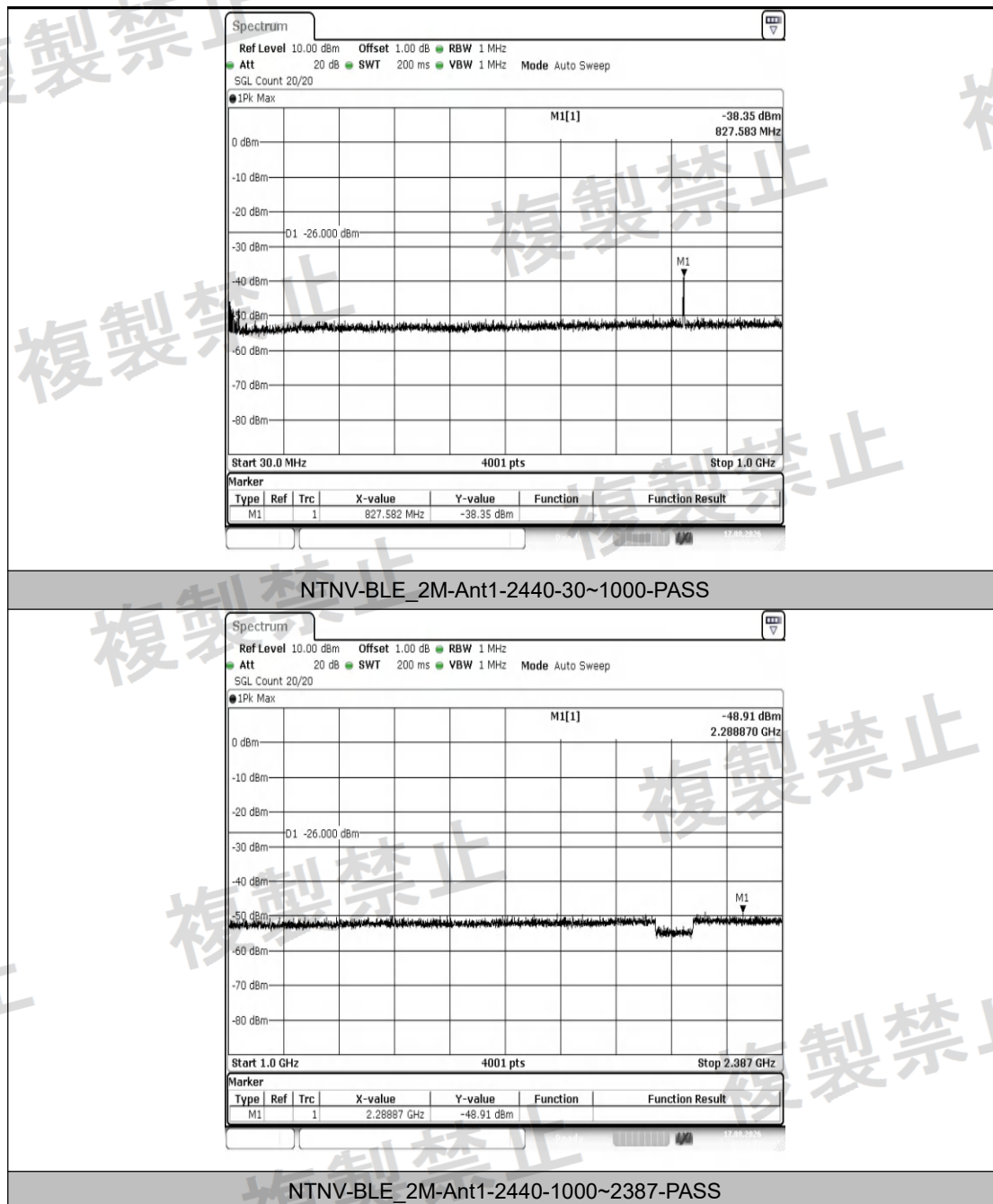


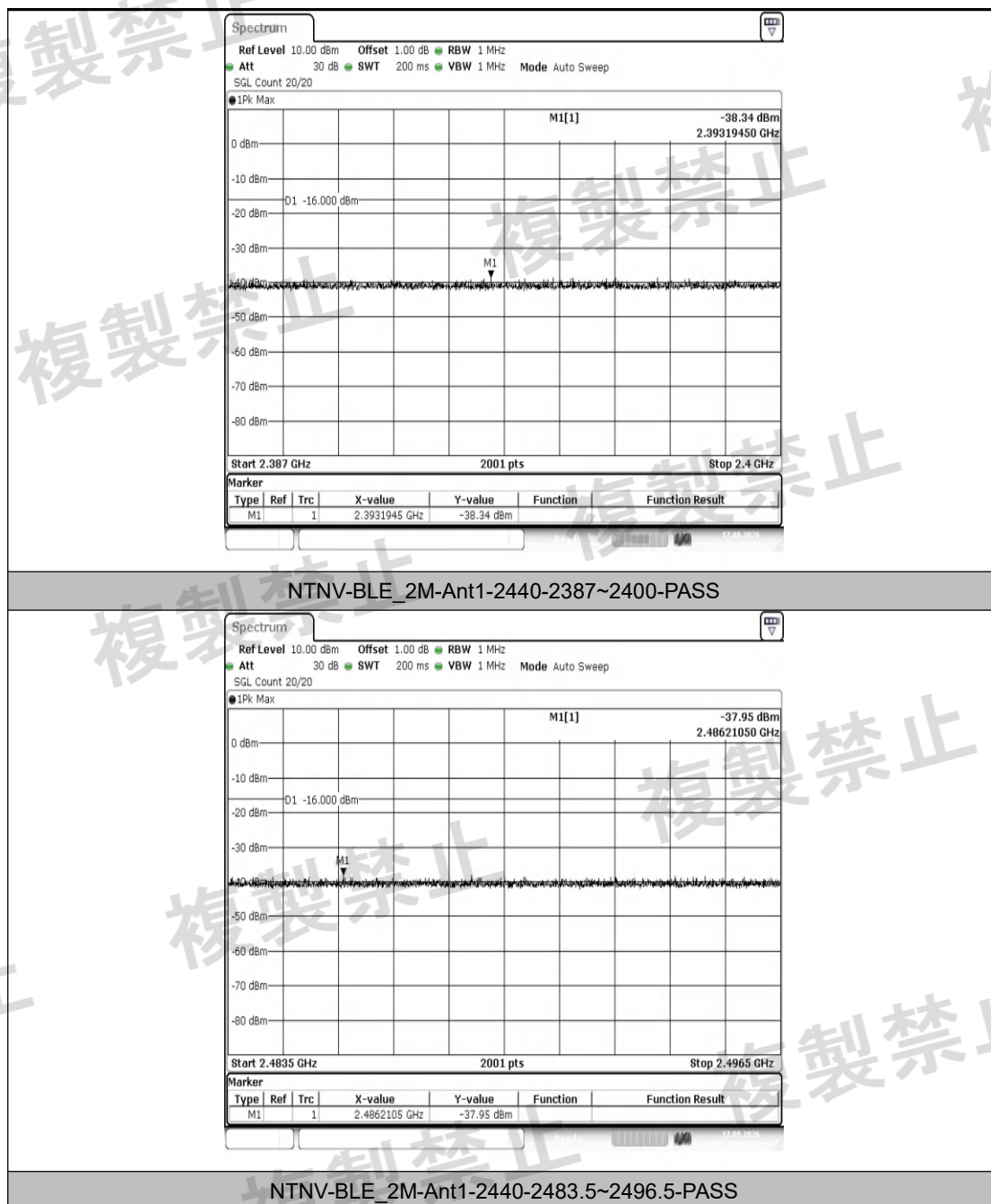


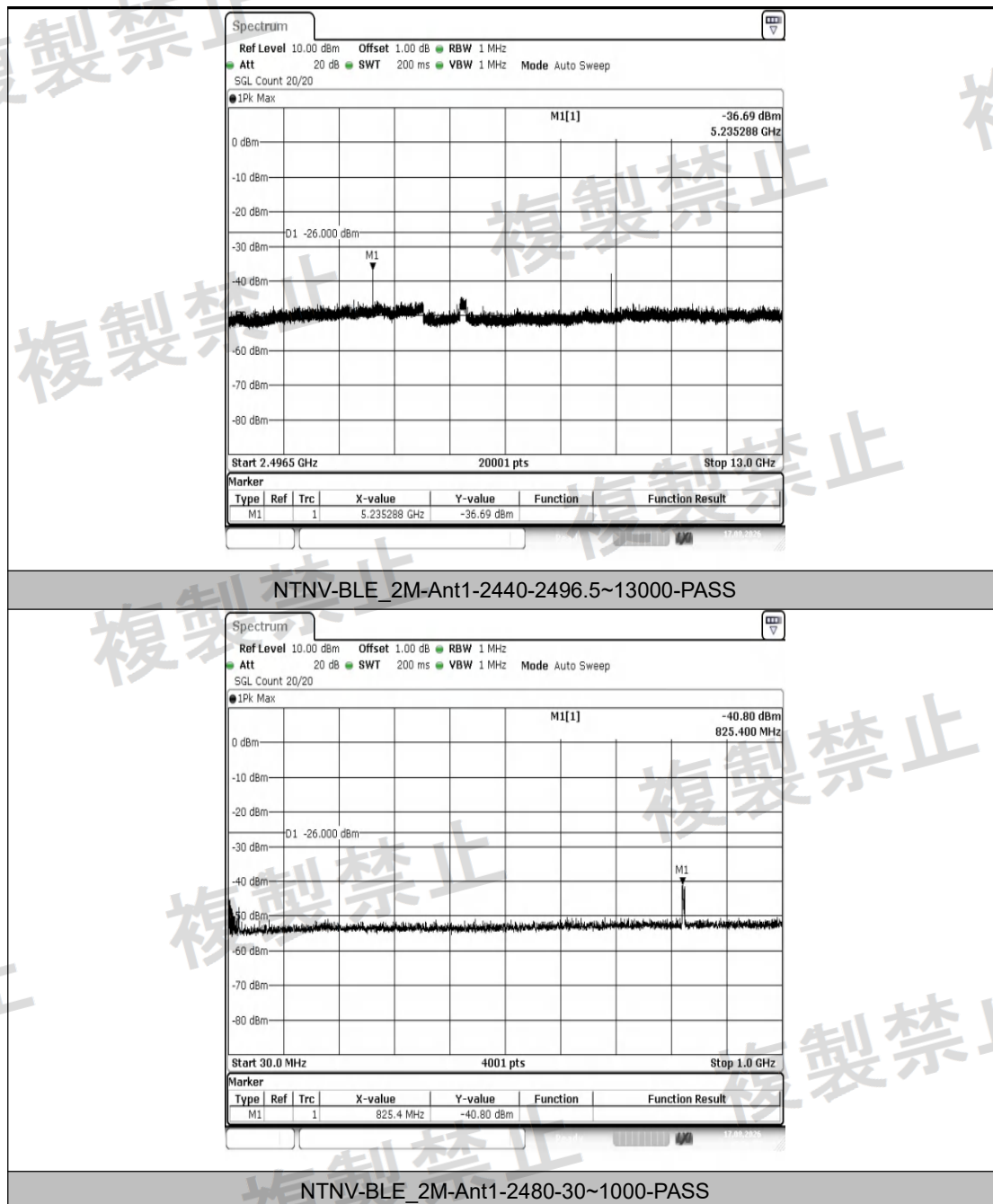


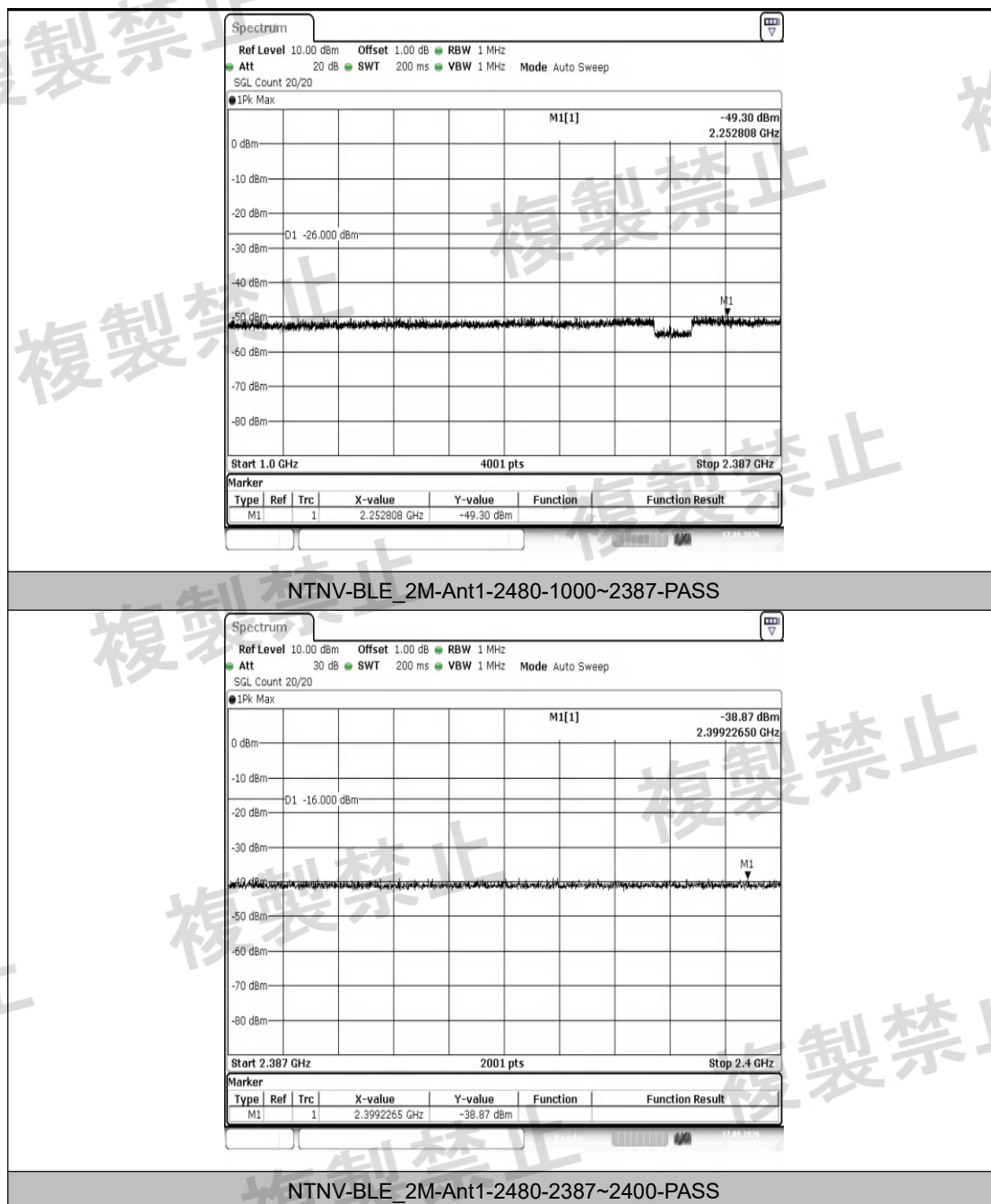


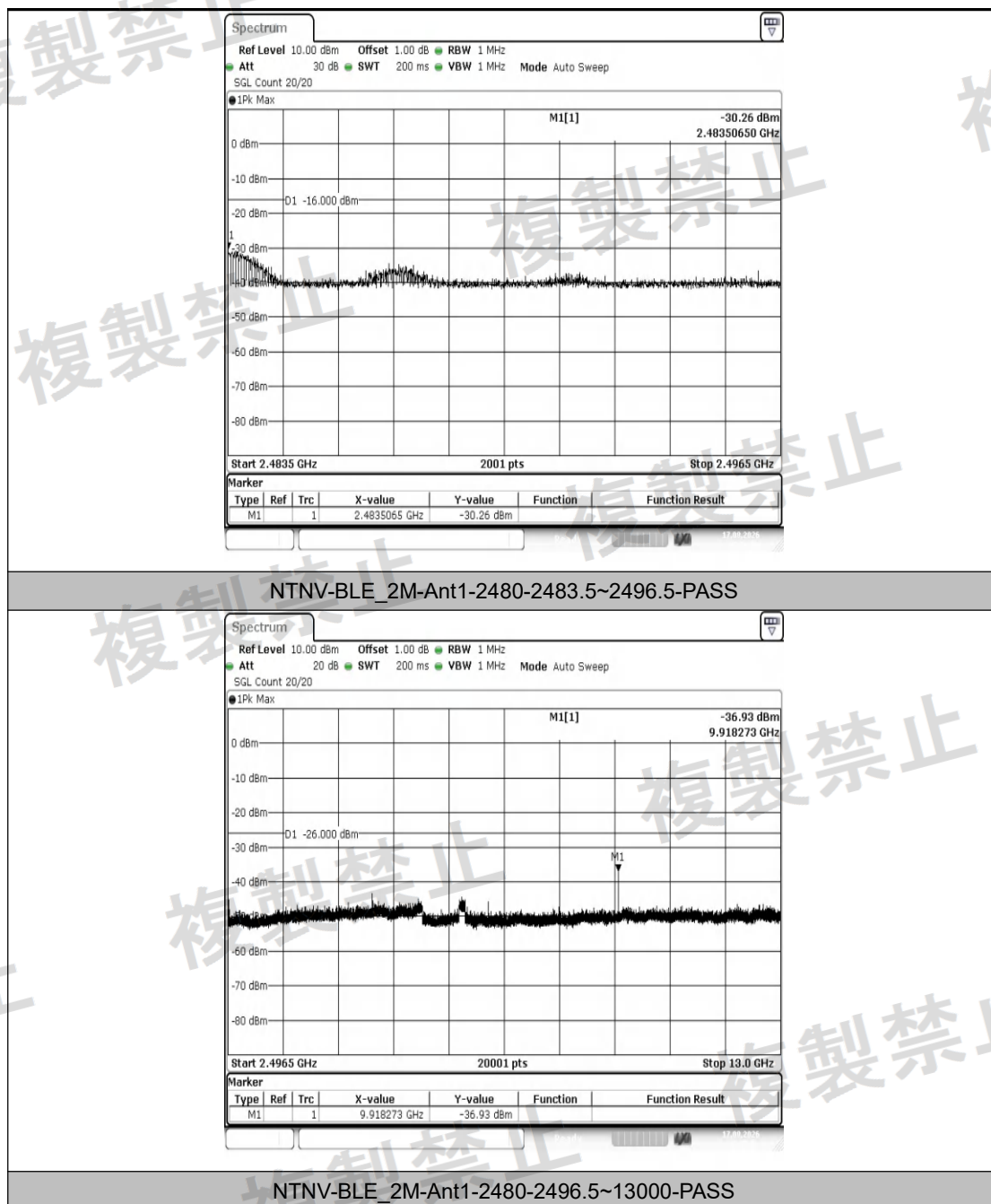




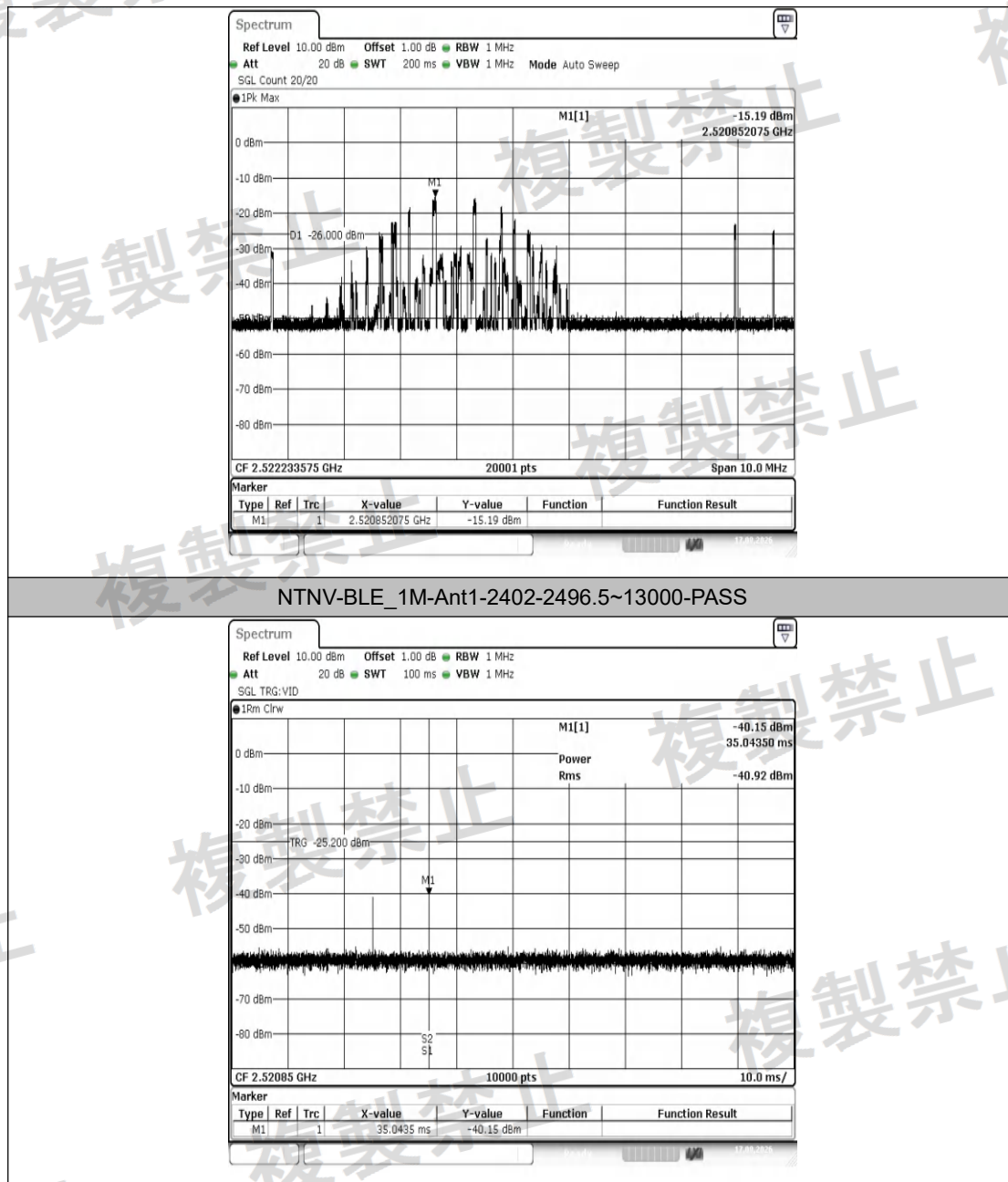








Test Graphs_Step2



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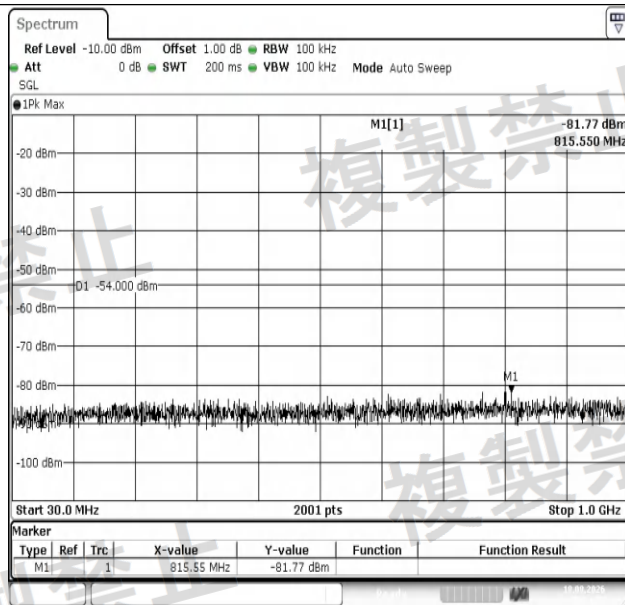
Appendix E: Spurious Emission of RX

Test Result

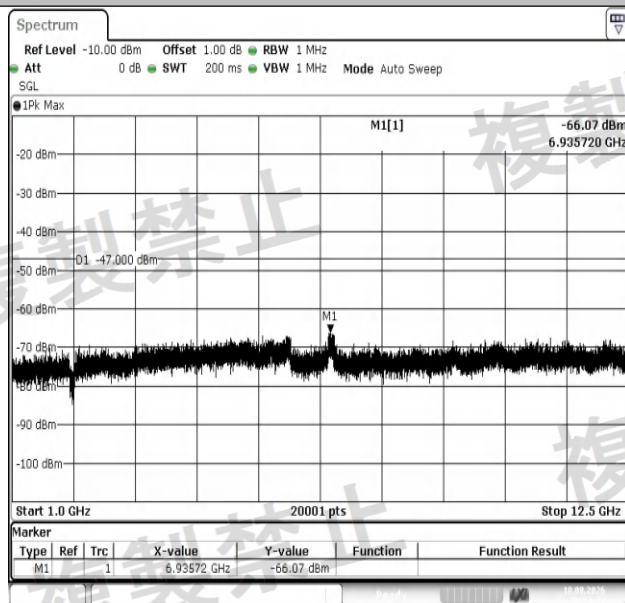
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	815.55	-81.77	≤-54	0.00665	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6935.72	-66.07	≤-47	0.24717	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	637.16	-81.14	≤-54	0.00769	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6897.19	-66.15	≤-47	0.24266	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	808.76	-81.86	≤-54	0.00652	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6987.46	-65.71	≤-47	0.26853	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	886.81	-81.92	≤-54	0.00643	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	6976.54	-66.37	≤-47	0.23067	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	941.10	-81.72	≤-54	0.00673	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	6893.74	-66.11	≤-47	0.24491	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	891.17	-82.27	≤-54	0.00593	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	6920.19	-66.14	≤-47	0.24322	≤20	PASS



Test Graphs

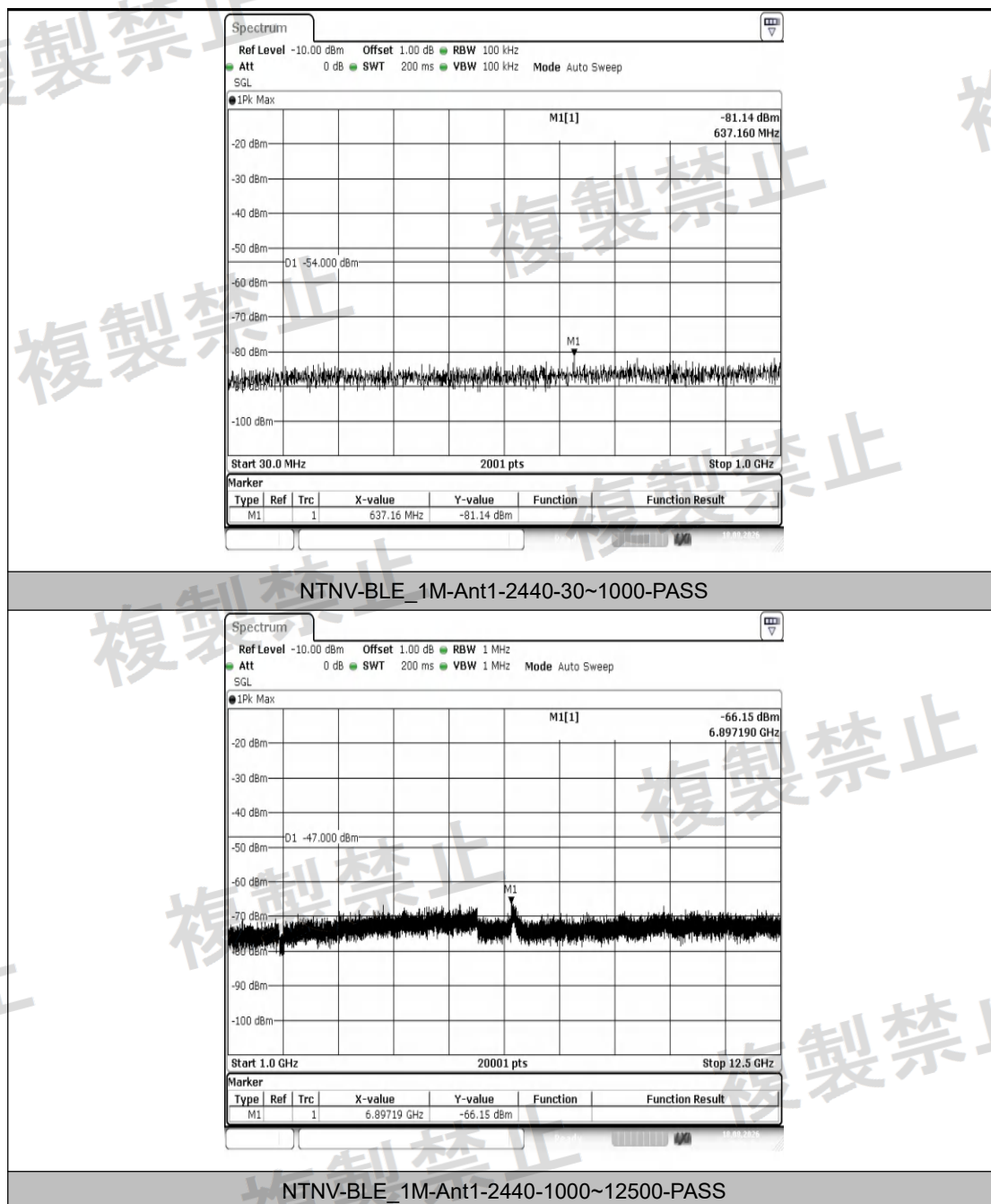


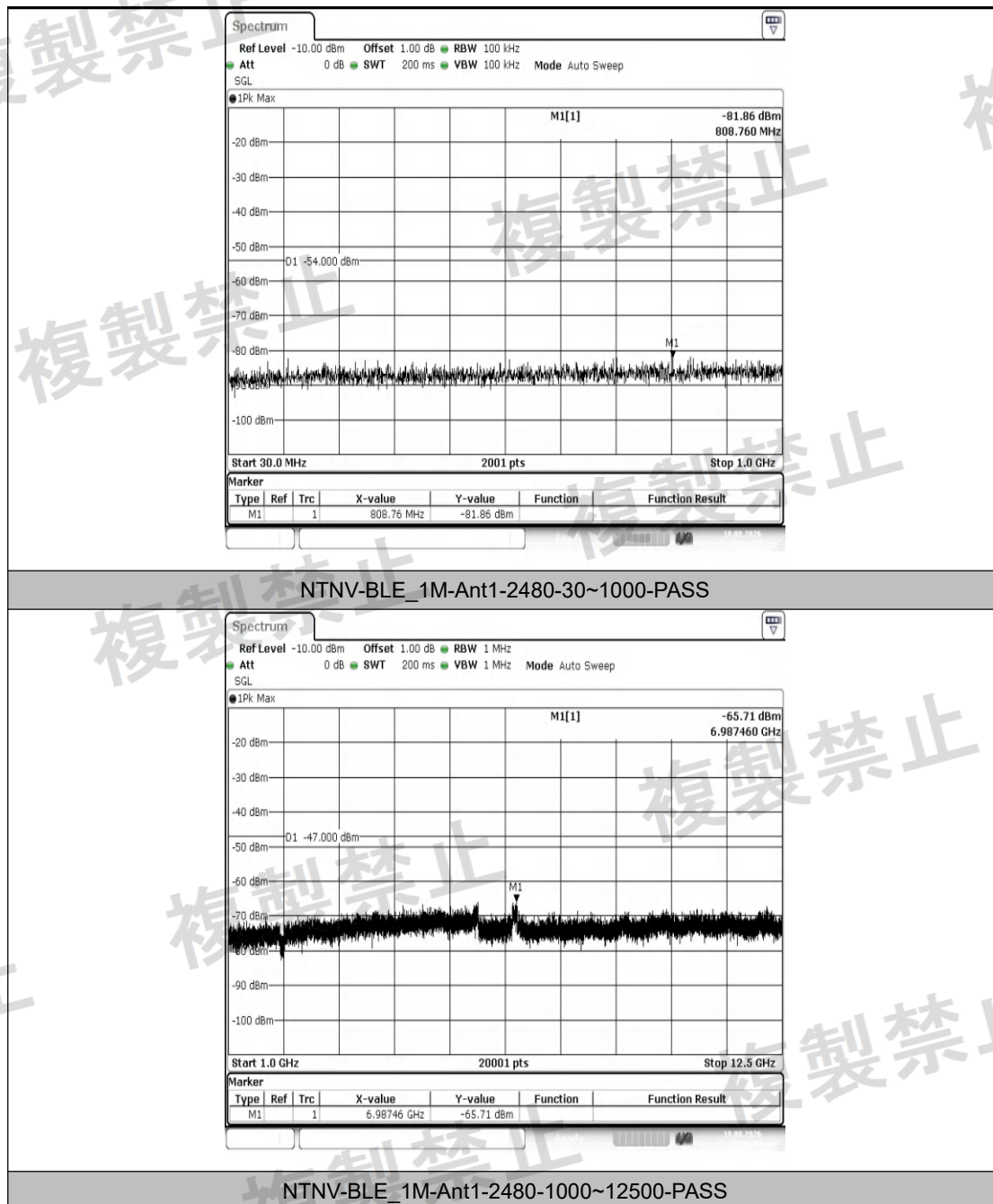
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

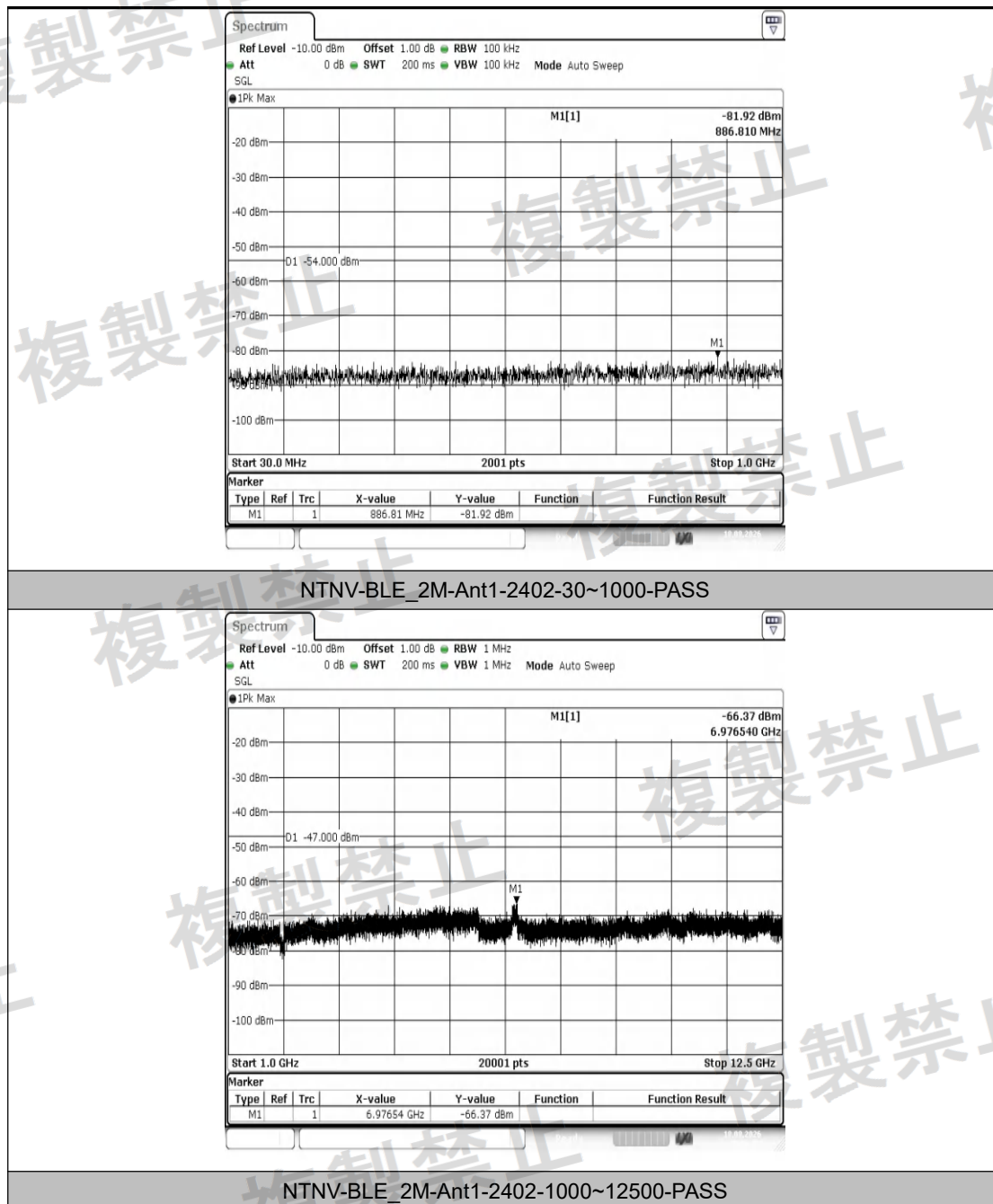


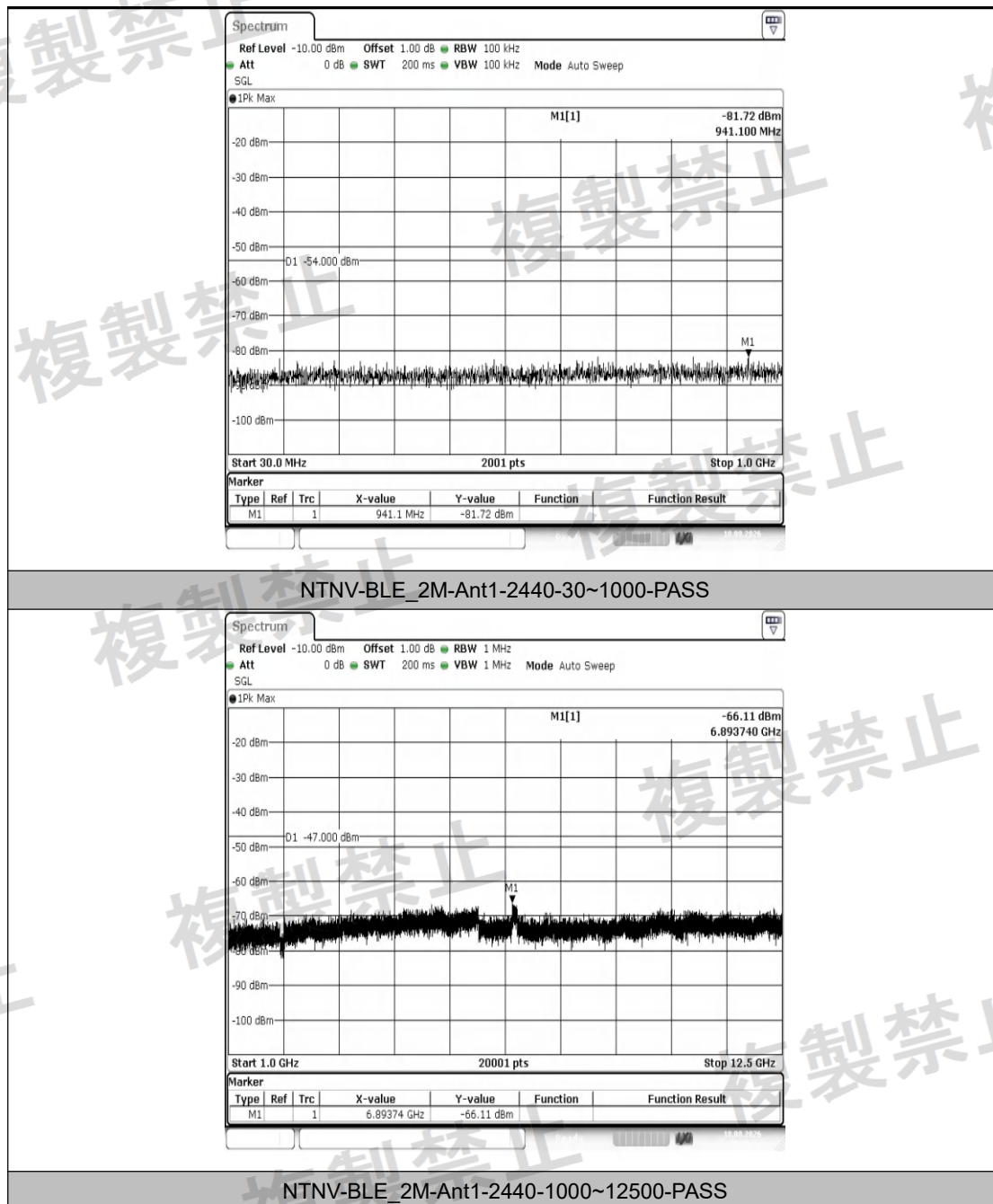
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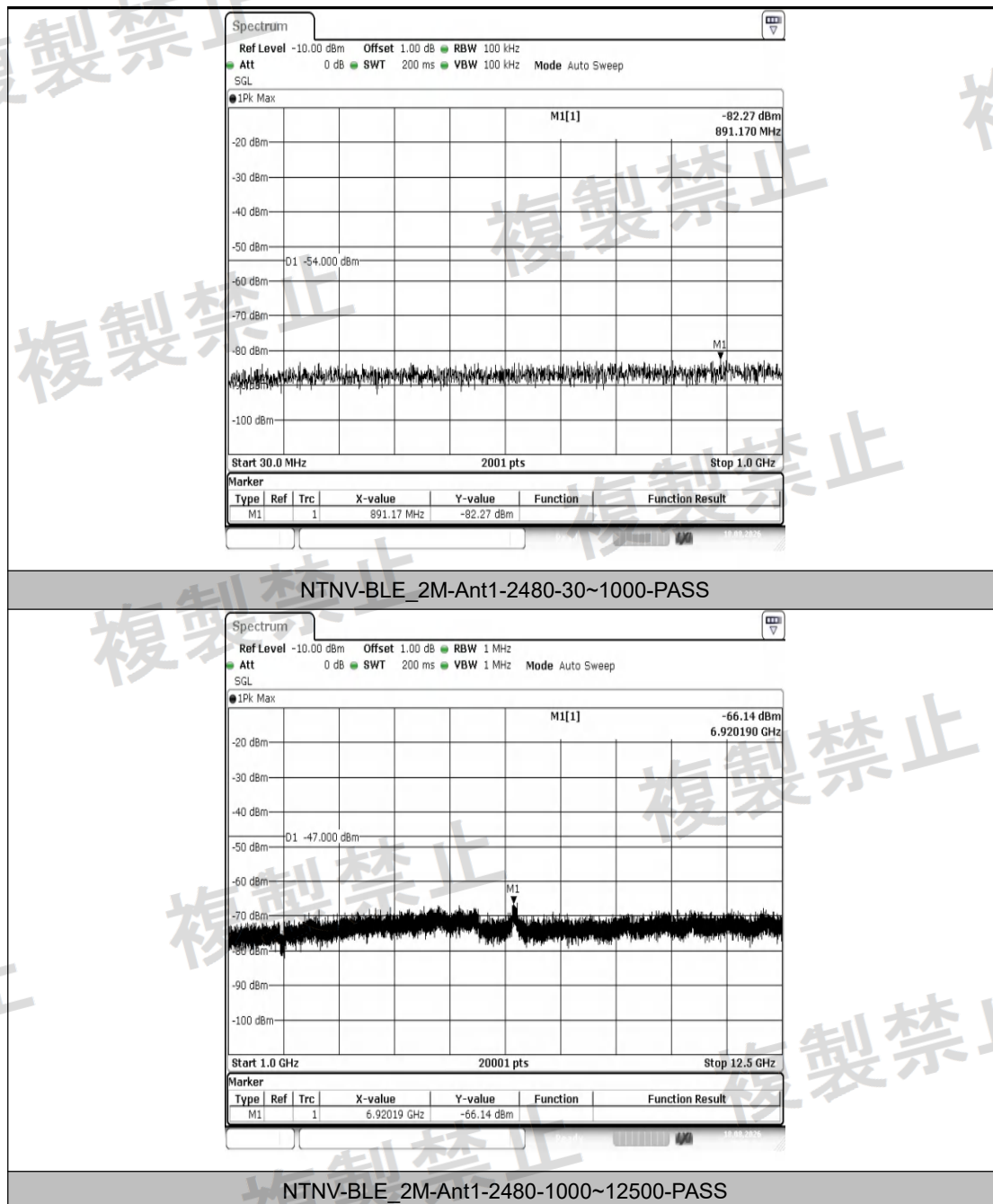












---End---

