

Appendix Test Data

Report No.:	1814C60190112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-1	Finish Test Date:	2026-7-6
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.8℃	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: Frequency Error

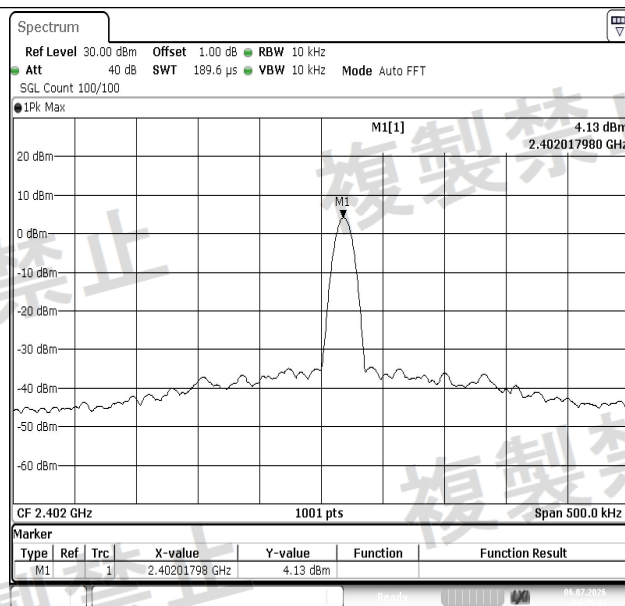
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.01798	7.48543	±50	PASS
NTNV	CW	Ant1	2440	2440.01798	7.36885	±50	PASS
NTNV	CW	Ant1	2480	2480.01848	7.45161	±50	PASS

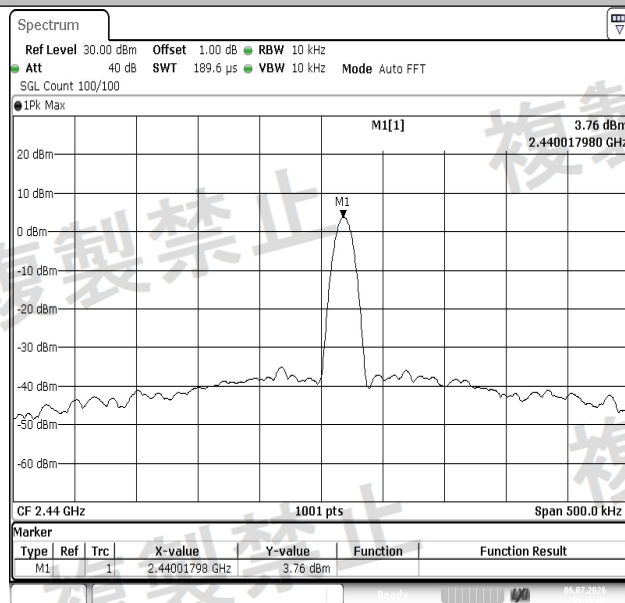
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

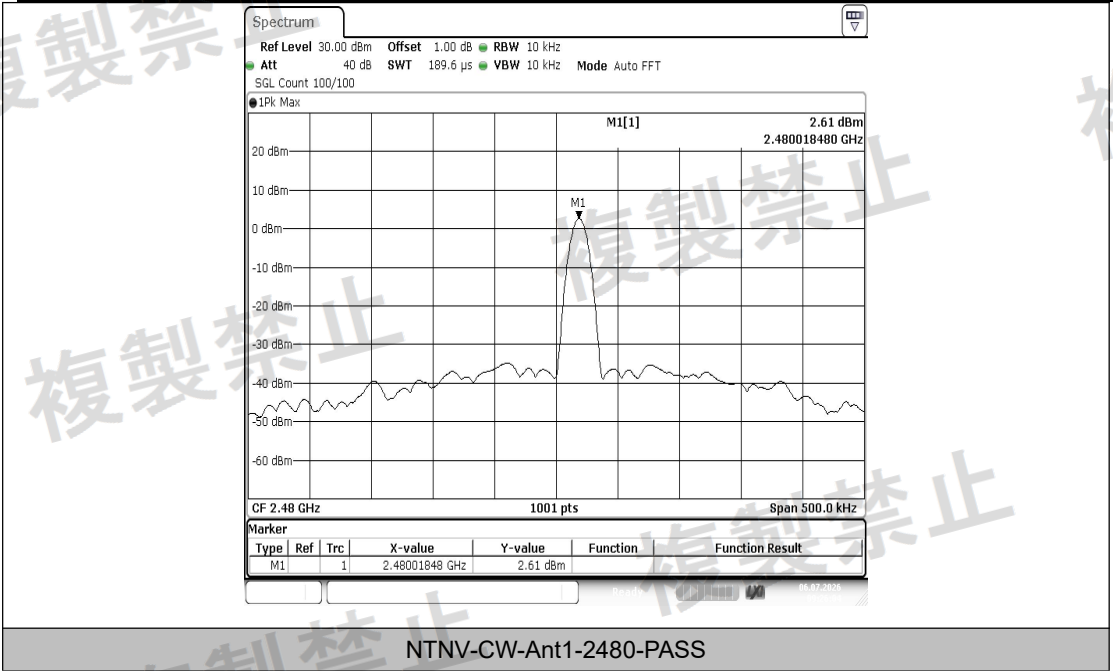


NTNV-CW-Ant1-2402-PASS



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	2.37	1.7258	≤10	PASS
NTNV	BLE_1M	Ant1	2440	2.78	1.8967	≤10	PASS
NTNV	BLE_1M	Ant1	2480	2.35	1.7179	≤10	PASS

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

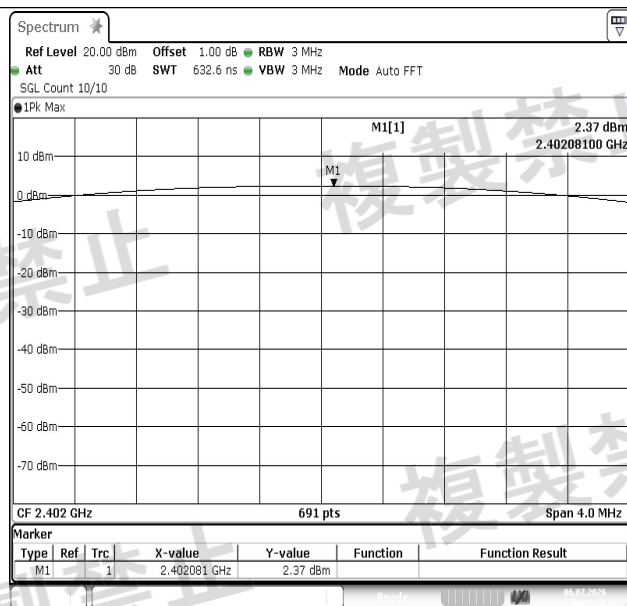
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.7258	2	-13.71	+20	PASS
NTNV	BLE_1M	Ant1	2440	1.8967	2	-5.17	+20	PASS
NTNV	BLE_1M	Ant1	2480	1.7179	2	-14.11	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	2.37	2.54	4.91	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	2.78	2.54	5.32	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	2.35	2.54	4.89	≤12.14	PASS

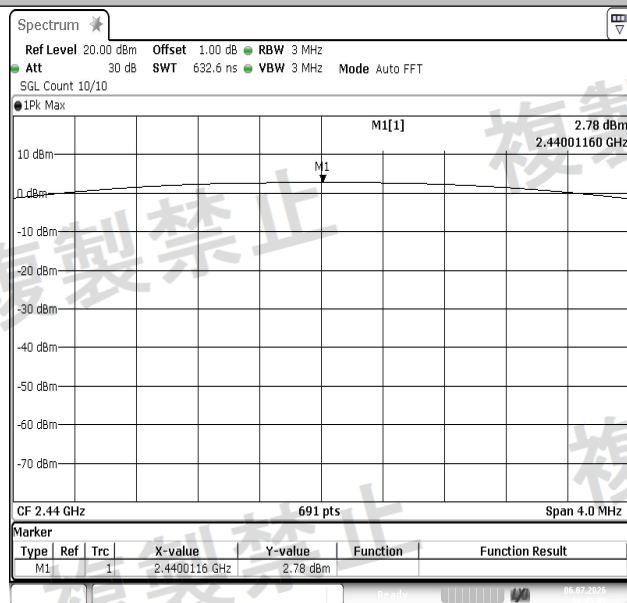
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

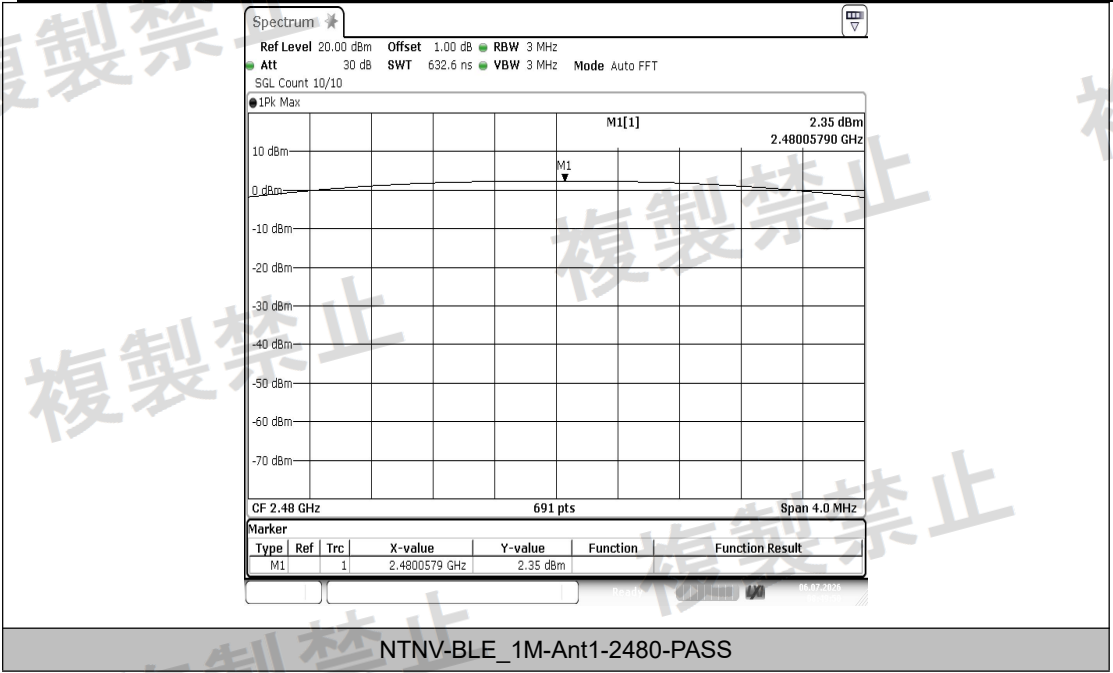


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





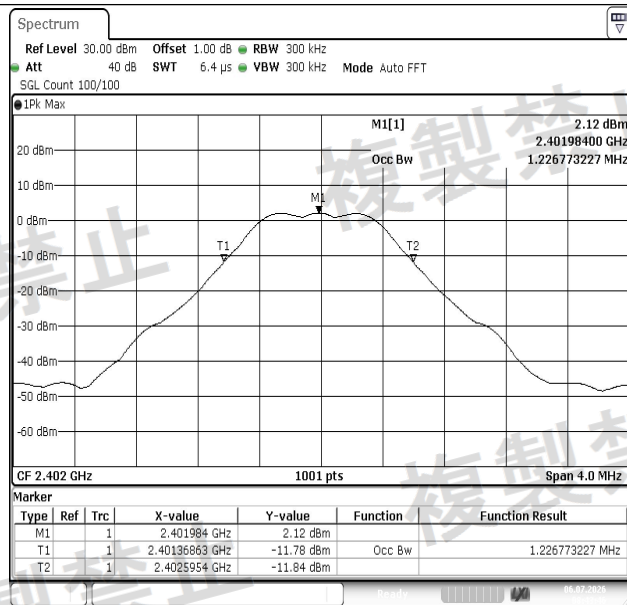
Appendix C: Occupied Bandwidth

Test Result

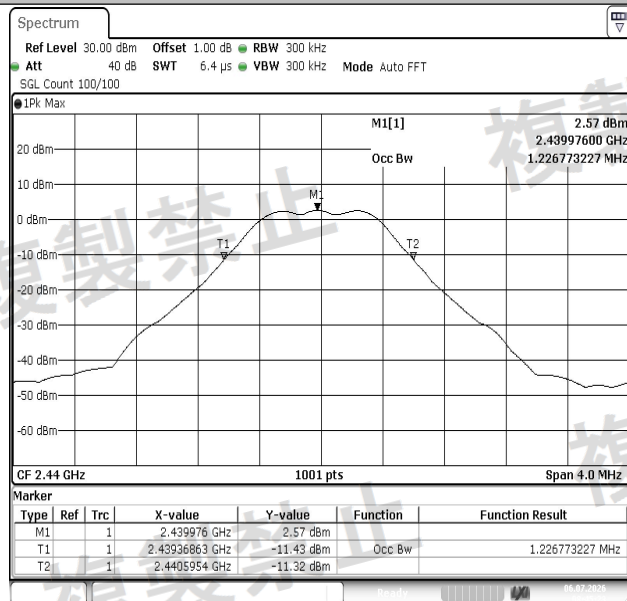
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.227	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.227	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.219	≤26	PASS



Test Graphs

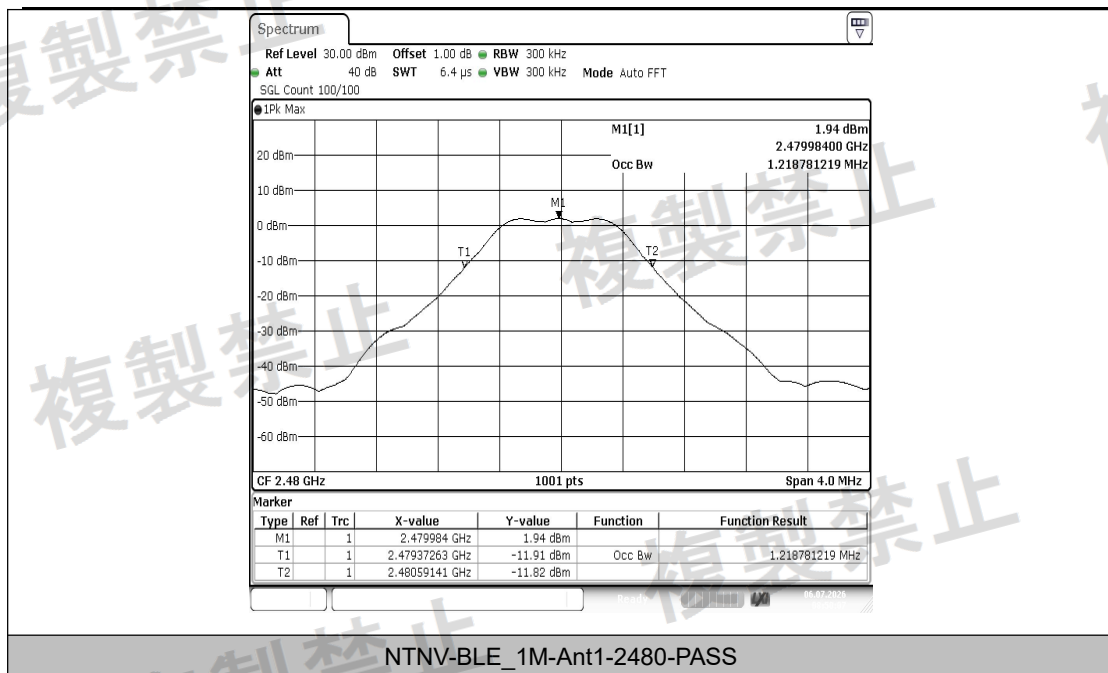


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





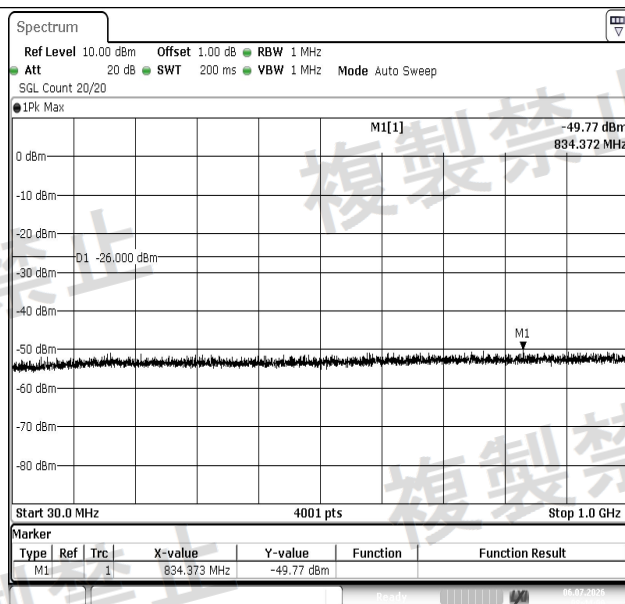
Appendix D: Spurious Emission of TX

Test Result

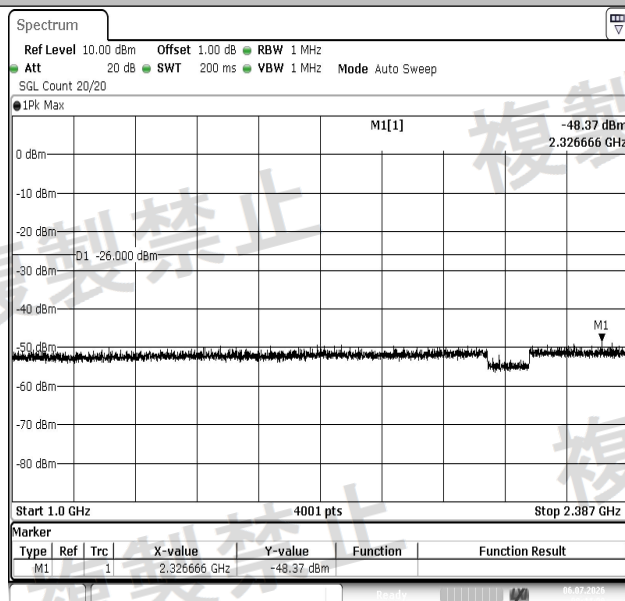
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	834.37	-49.77	≤-26	0.01054	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2326.67	-48.37	≤-26	0.01455	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-30.83	≤-16	0.82604	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2492.16	-37.98	≤-16	0.15922	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	6922.15	-44.47	≤-26	0.03573	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	456.56	-50.25	≤-26	0.00944	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2346.43	-49.29	≤-26	0.01178	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2398.15	-38.80	≤-16	0.13183	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2488.63	-37.99	≤-16	0.15885	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	6920.57	-44.91	≤-26	0.03228	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	796.30	-50.18	≤-26	0.00959	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2247.61	-49.13	≤-26	0.01222	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2393.07	-38.10	≤-16	0.15488	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2495.49	-38.39	≤-16	0.14488	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6050.88	-44.36	≤-26	0.03664	≤2.5	PASS



Test Graphs

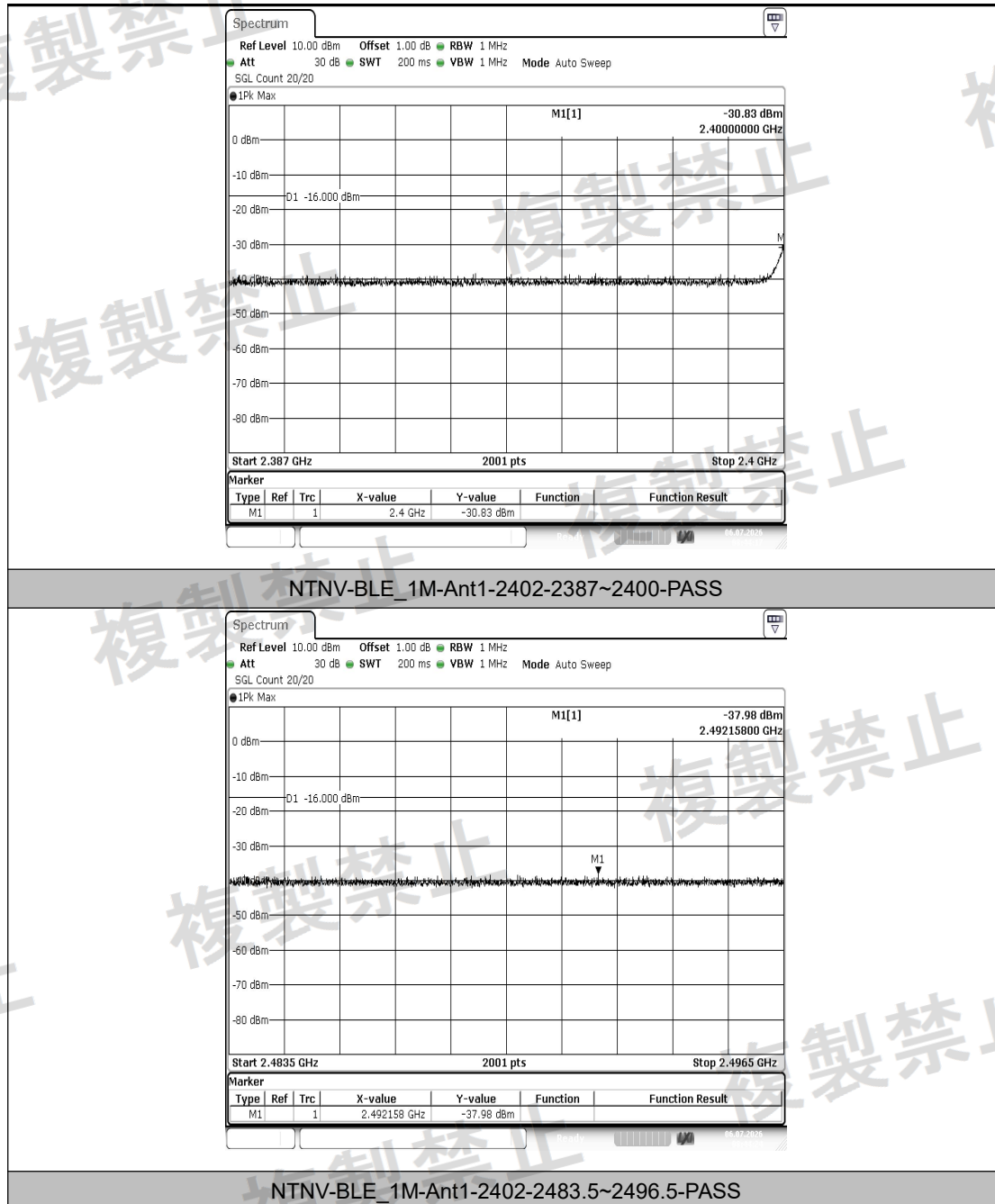


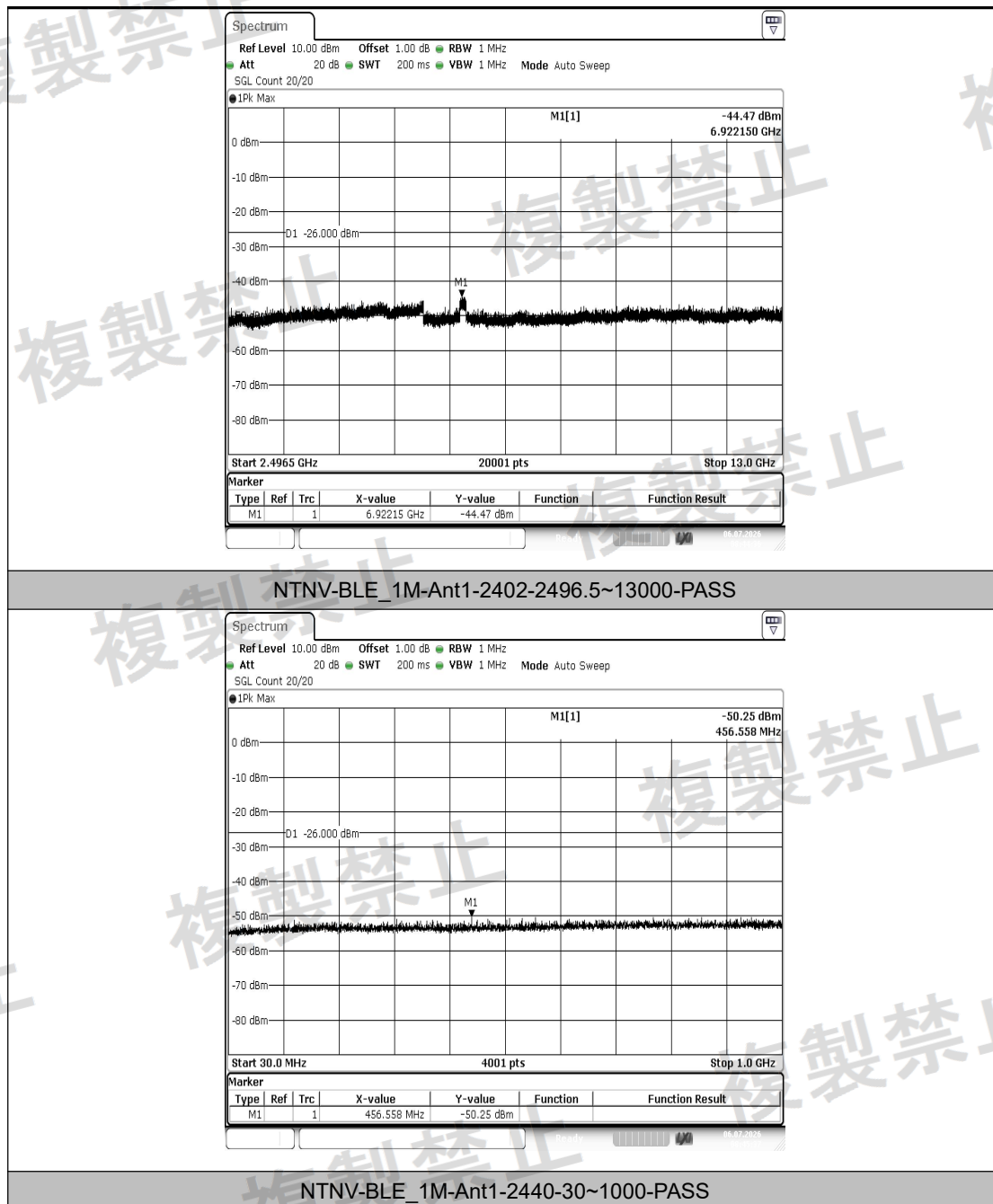
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

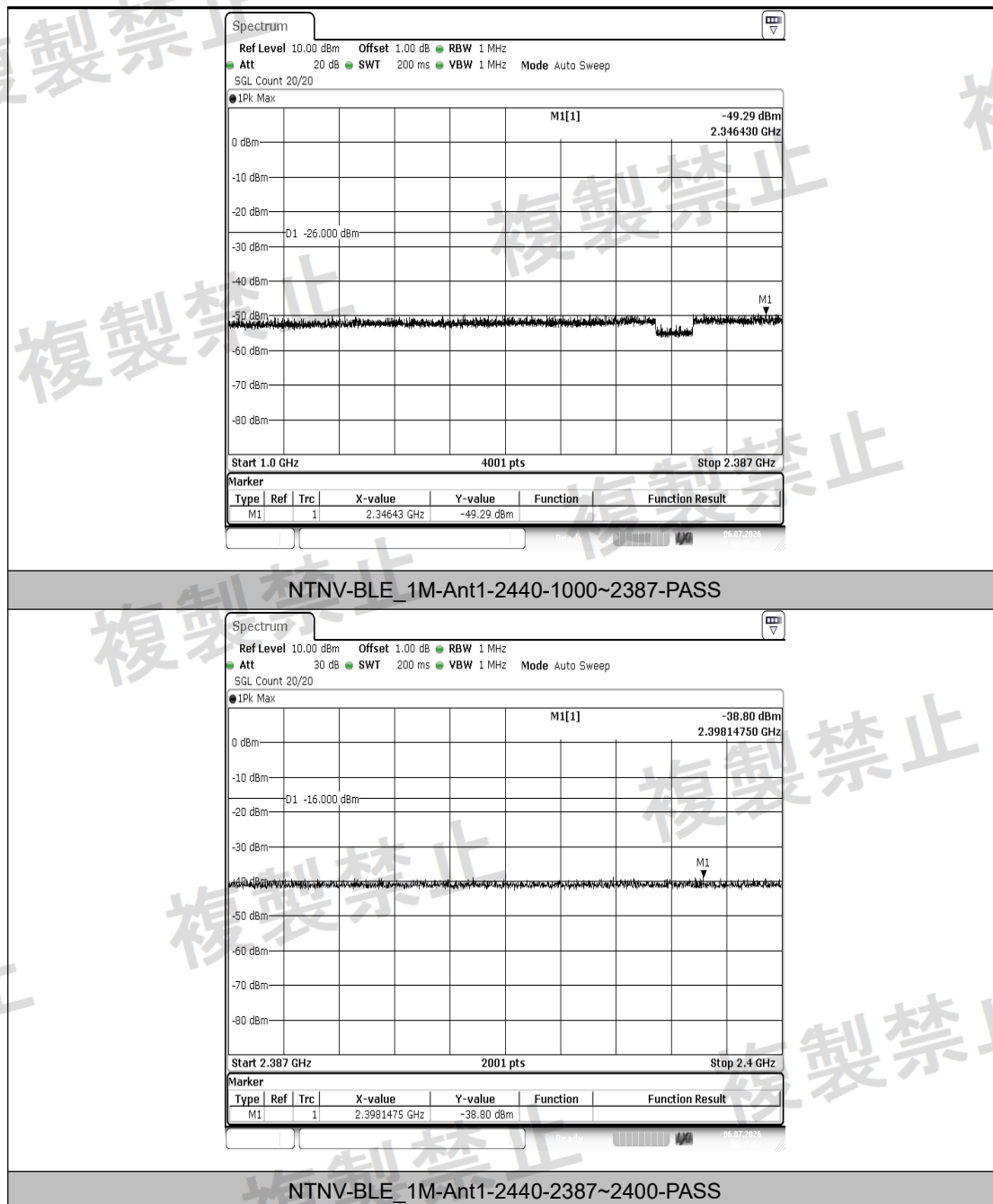


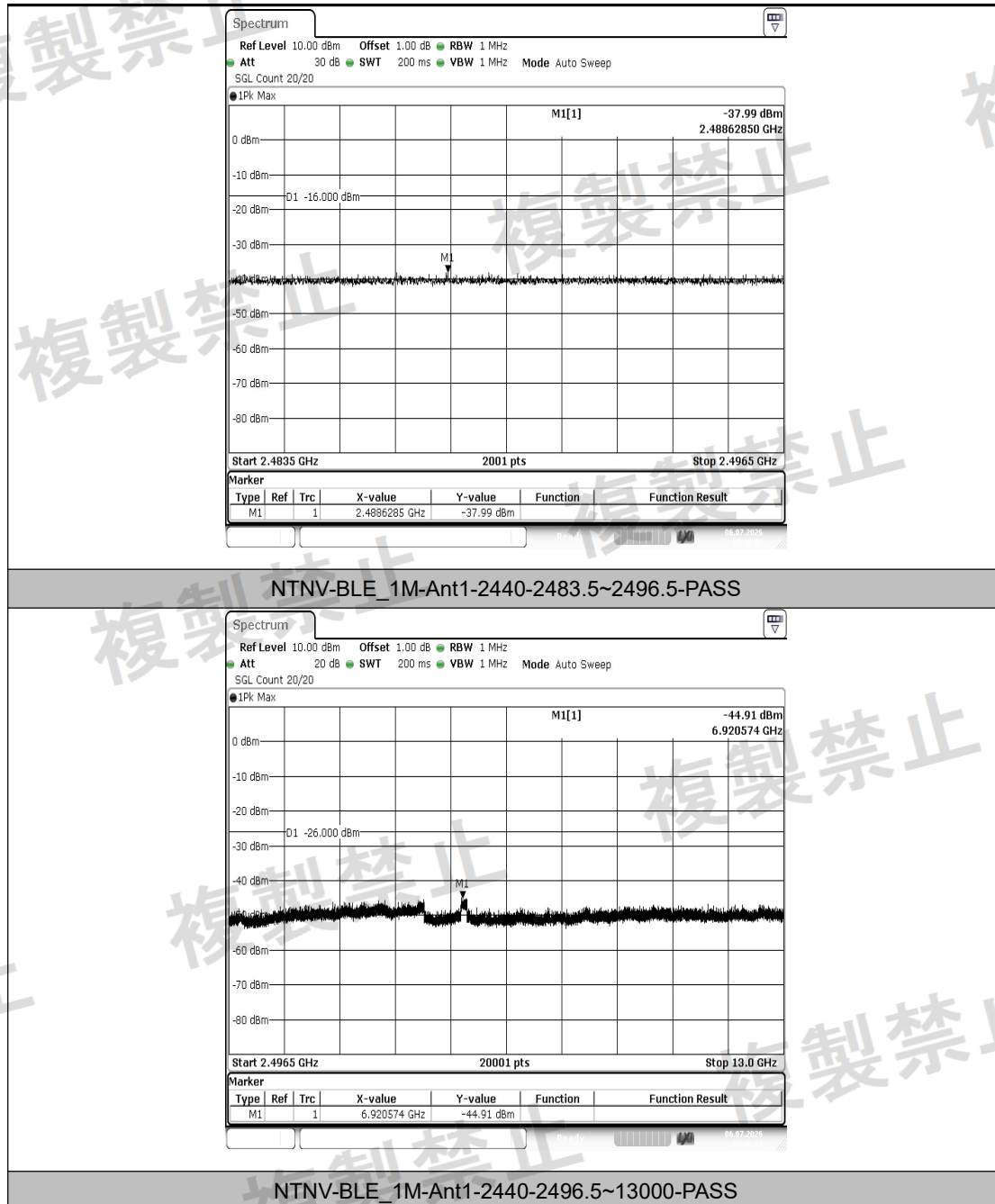
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

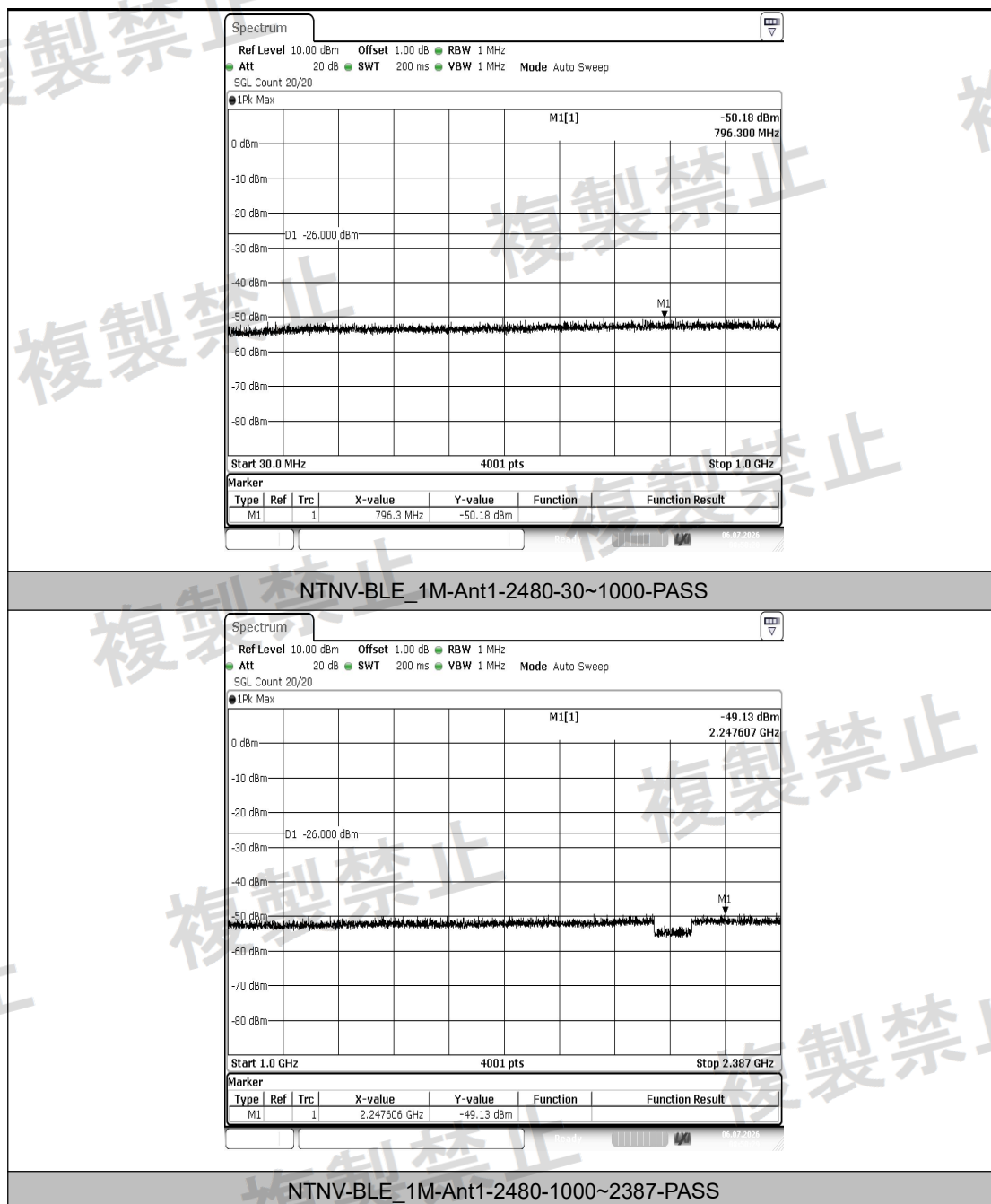


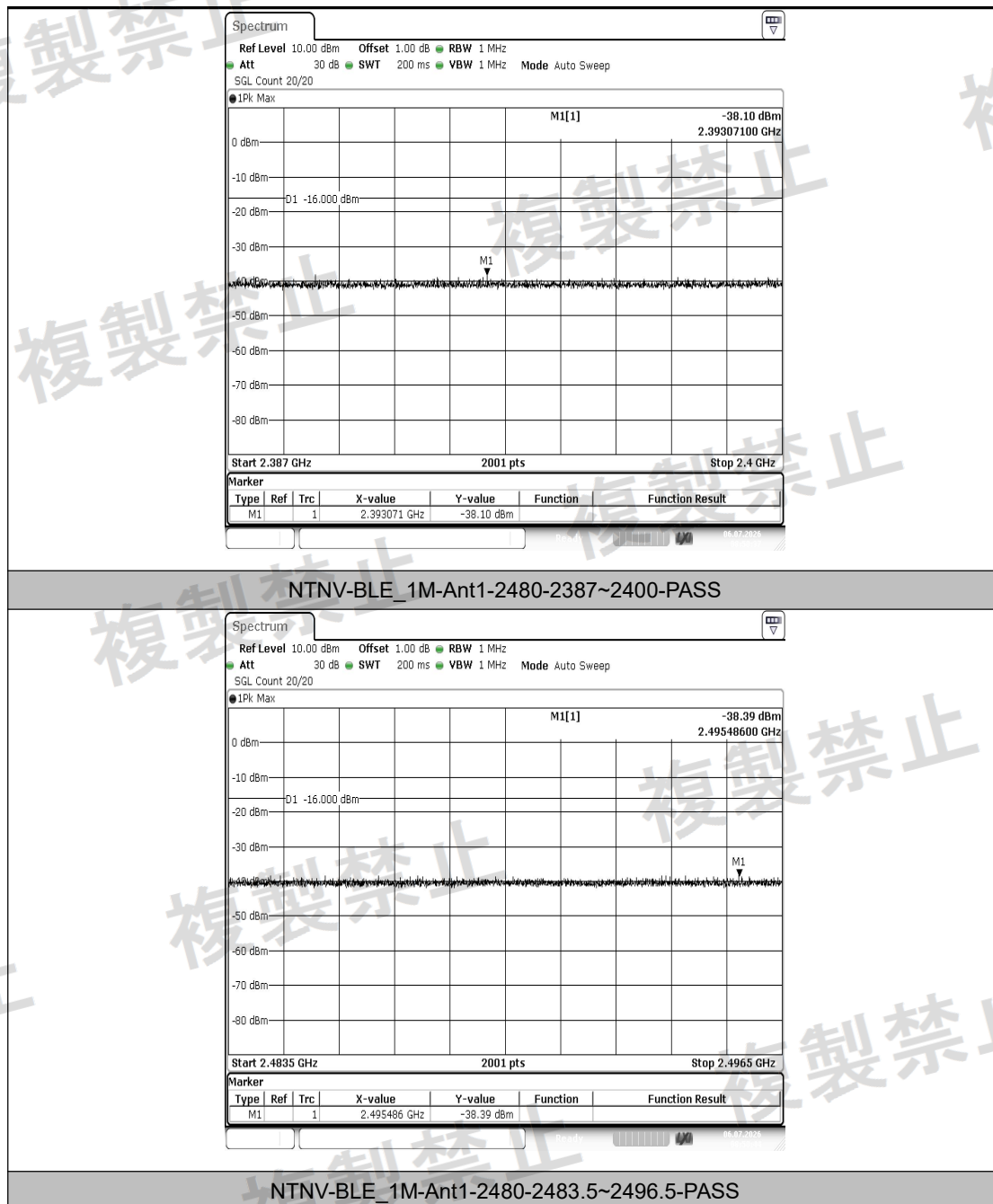


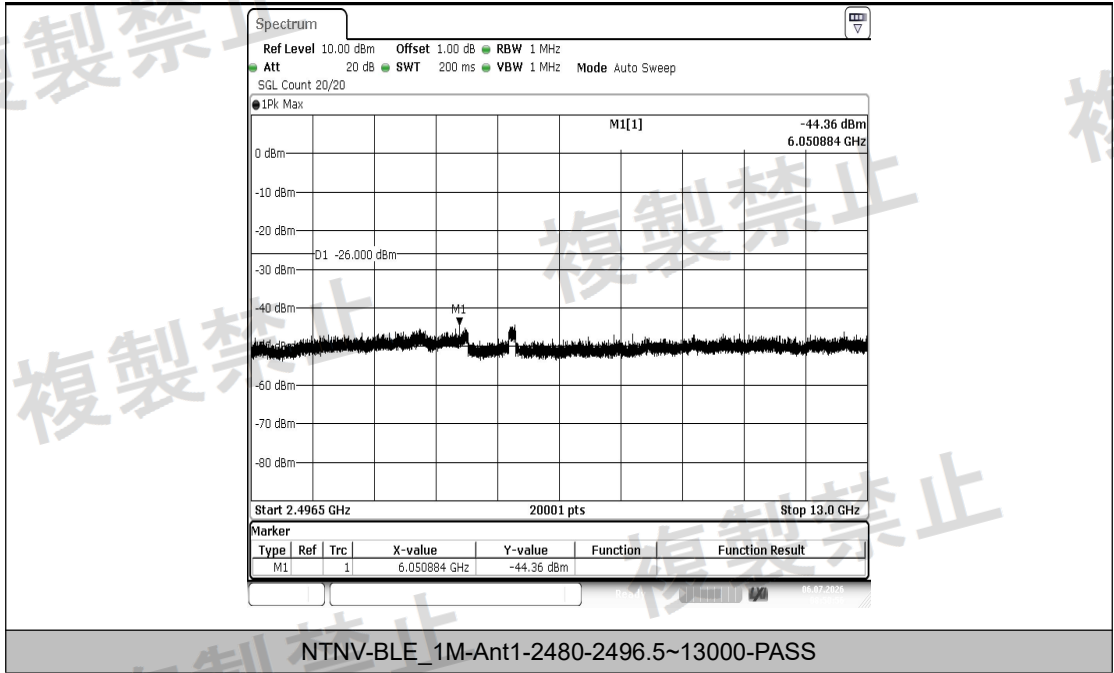










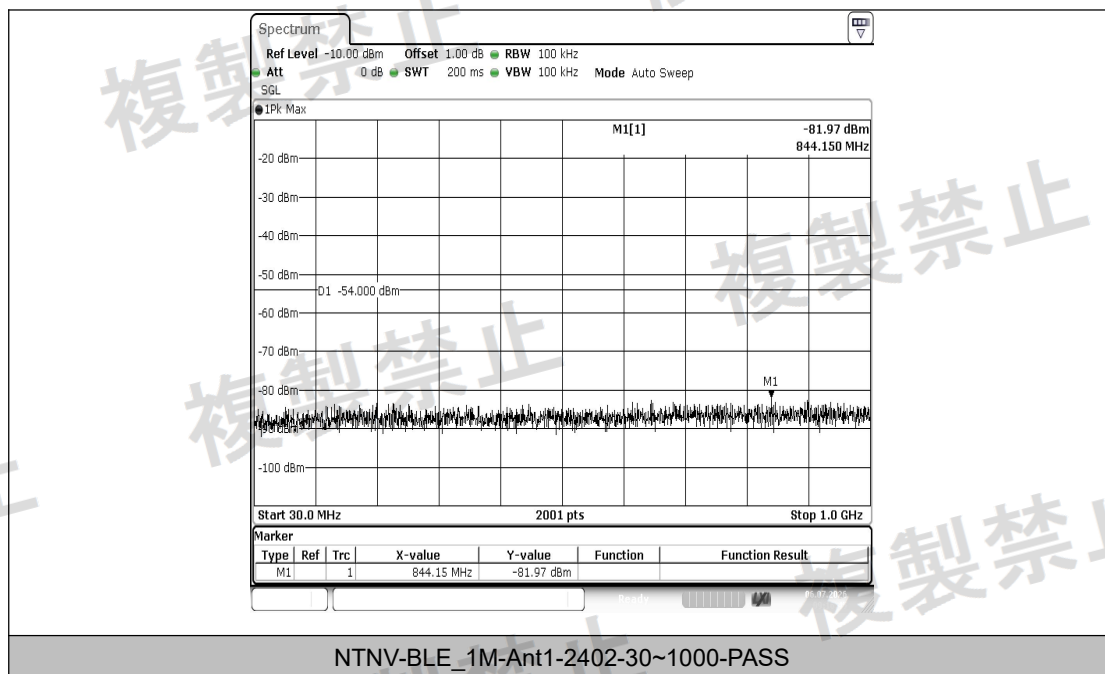


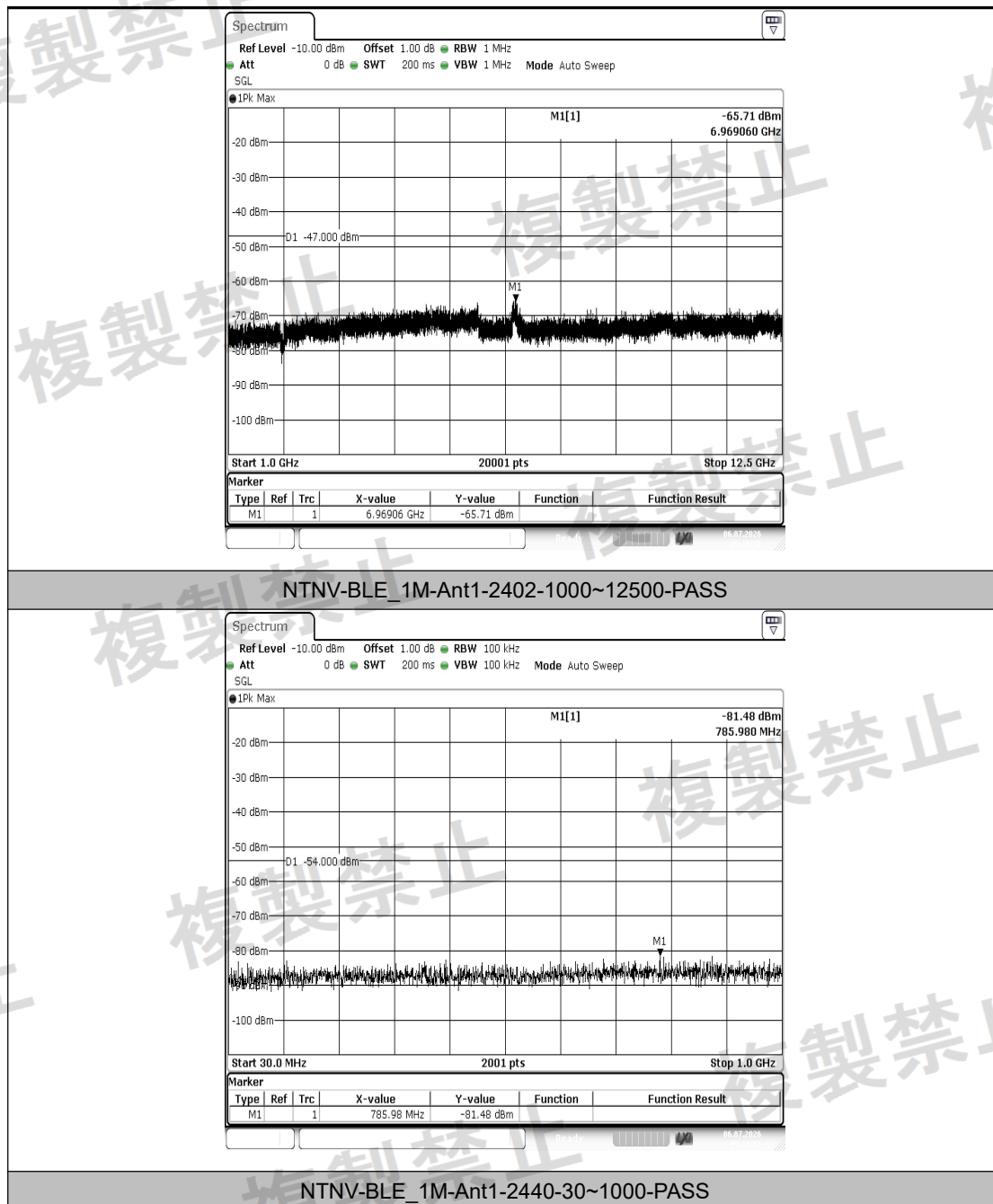
Appendix E: Spurious Emission of RX

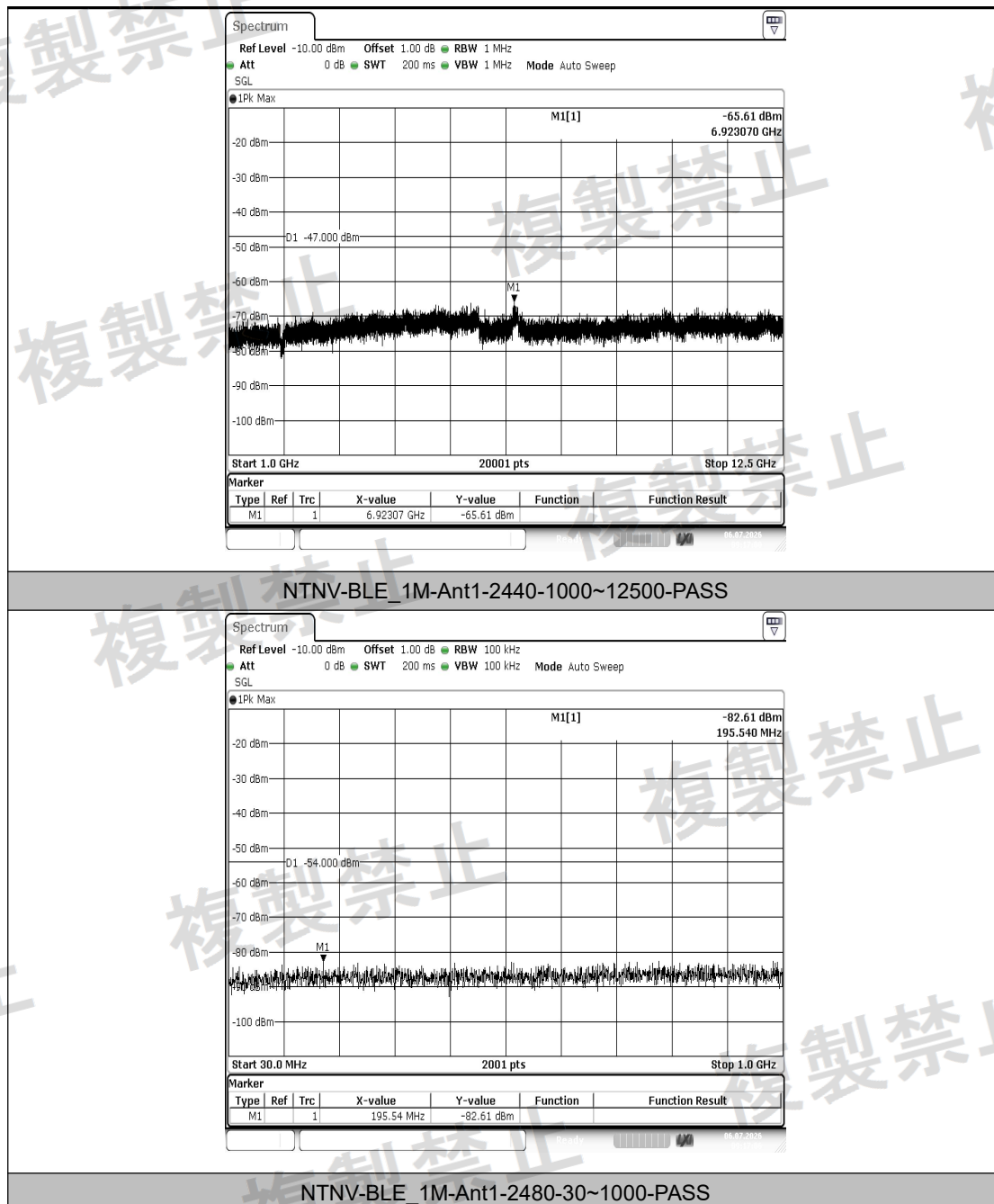
Test Result

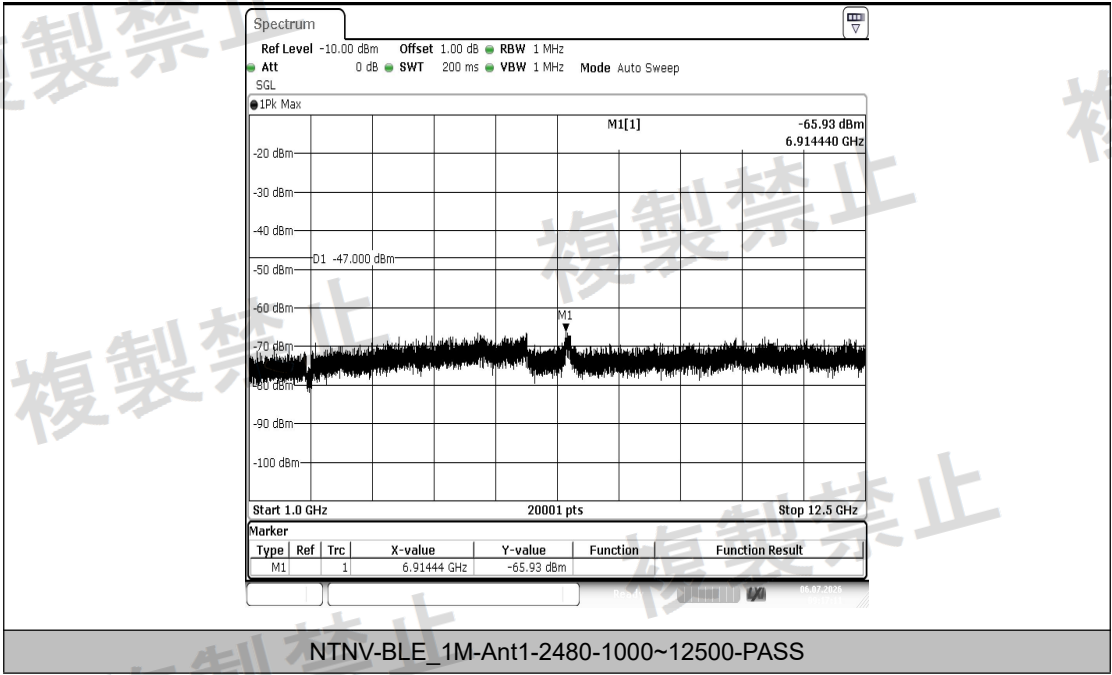
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	844.15	-81.97	≤-54	0.00635	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6969.06	-65.71	≤-47	0.26853	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	785.98	-81.48	≤-54	0.00711	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6923.07	-65.61	≤-47	0.27479	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	195.54	-82.61	≤-54	0.00548	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6914.44	-65.93	≤-47	0.25527	≤20	PASS

Test Graphs









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