

Appendix Test Data

Report No.:	1812C60327212501-01	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:	25.8℃	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: Frequency Error

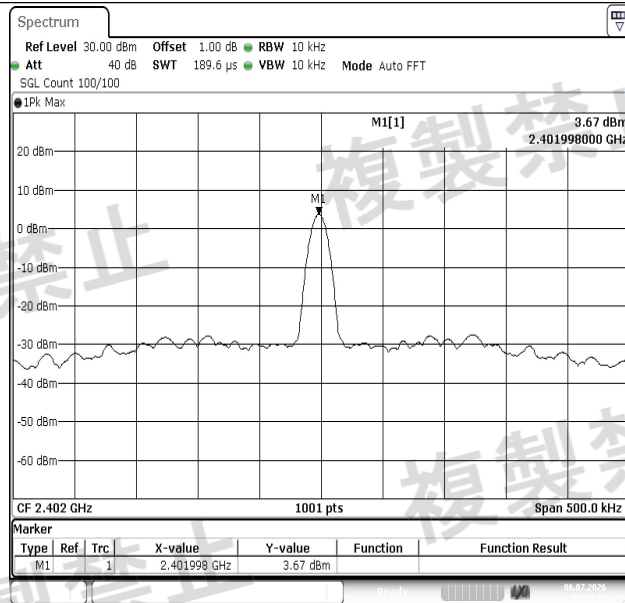
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.998	-0.83264	±50	PASS
NTNV	CW	Ant1	2440	2439.9995	-0.20492	±50	PASS
NTNV	CW	Ant1	2480	2480.0015	0.60484	±50	PASS

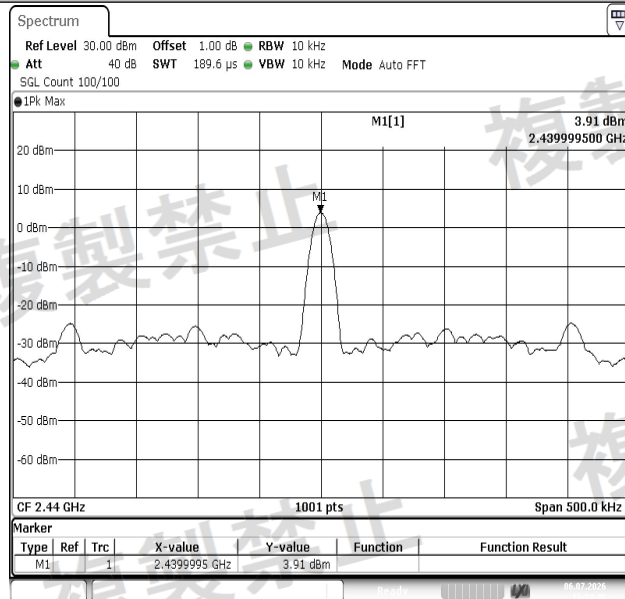
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

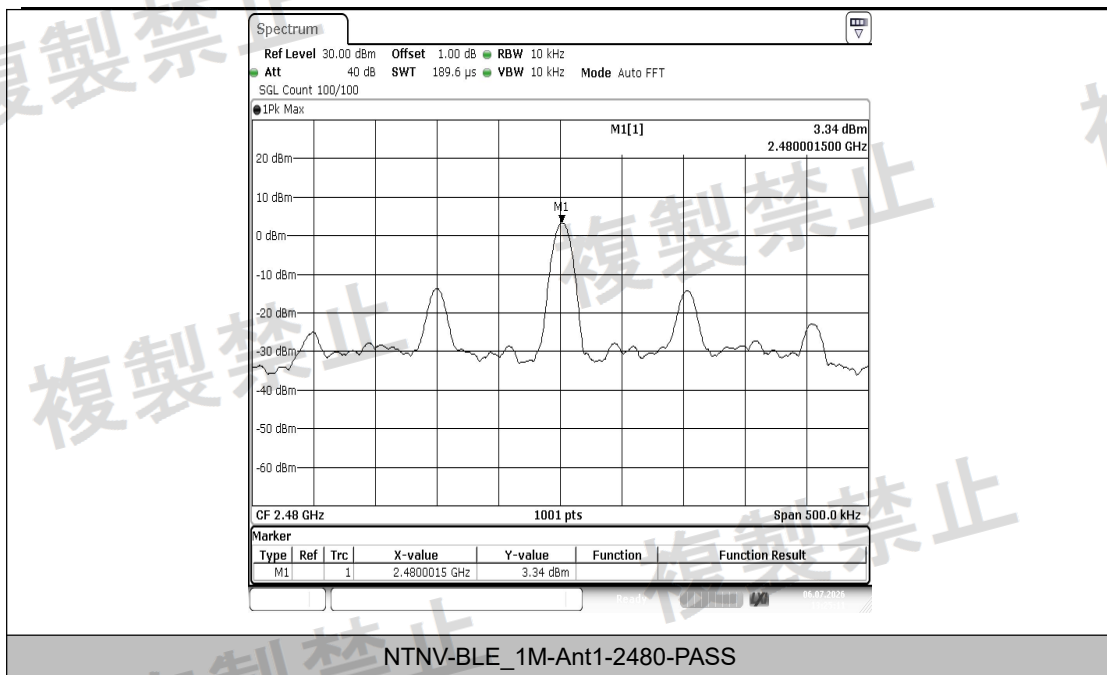


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-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	3.66	2.3227	≤10	PASS
NTNV	BLE_1M	Ant1	2440	4.02	2.5234	≤10	PASS
NTNV	BLE_1M	Ant1	2480	3.17	2.0749	≤10	PASS

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

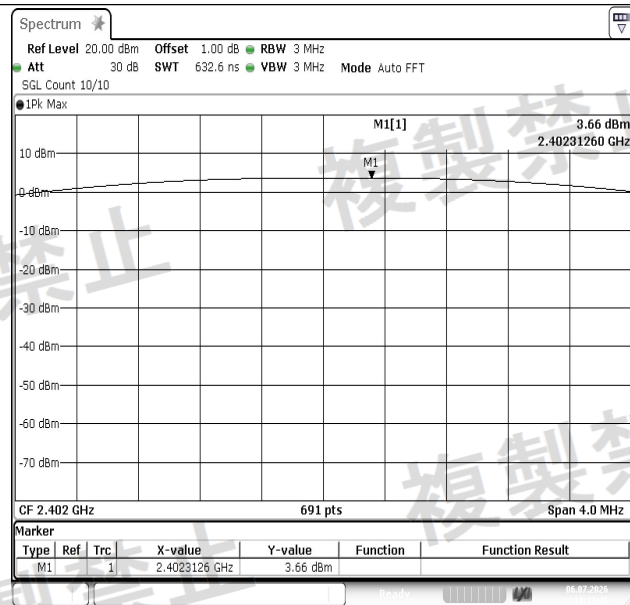
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	2.3227	3	-22.58	+20	PASS
NTNV	BLE_1M	Ant1	2440	2.5234	3	-15.89	+20	PASS
NTNV	BLE_1M	Ant1	2480	2.0749	3	-30.84	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	3.66	-1.62	2.04	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	4.02	-1.62	2.40	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	3.17	-1.62	1.55	≤12.14	PASS

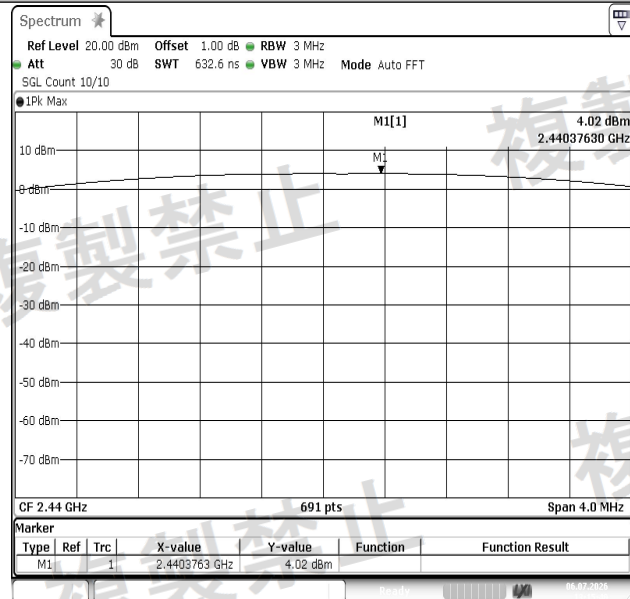
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

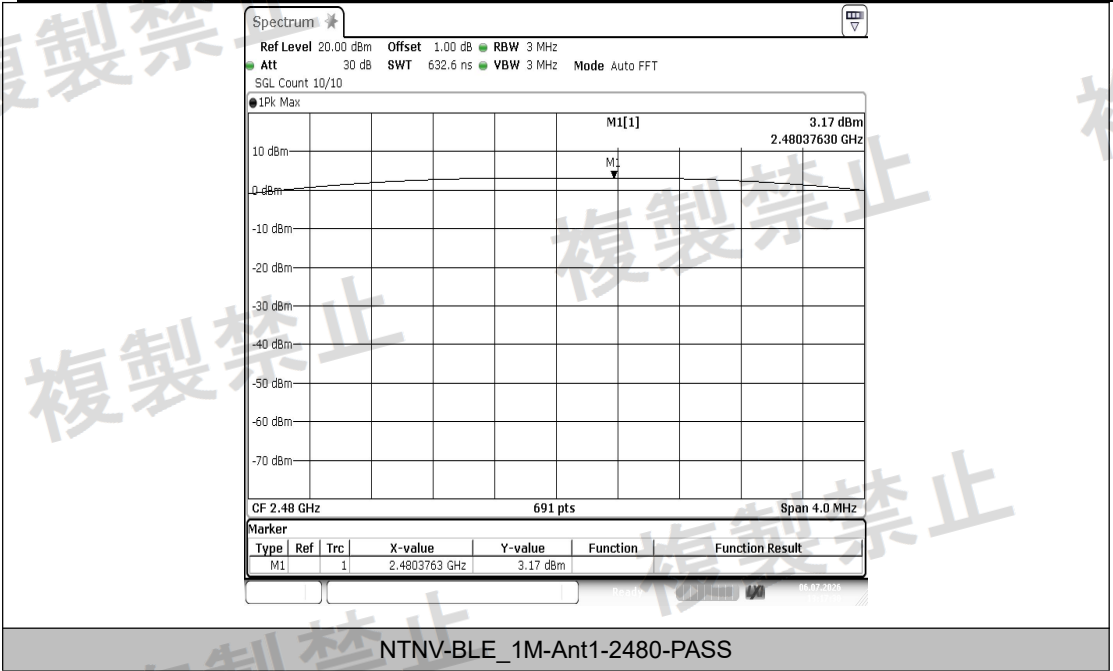


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





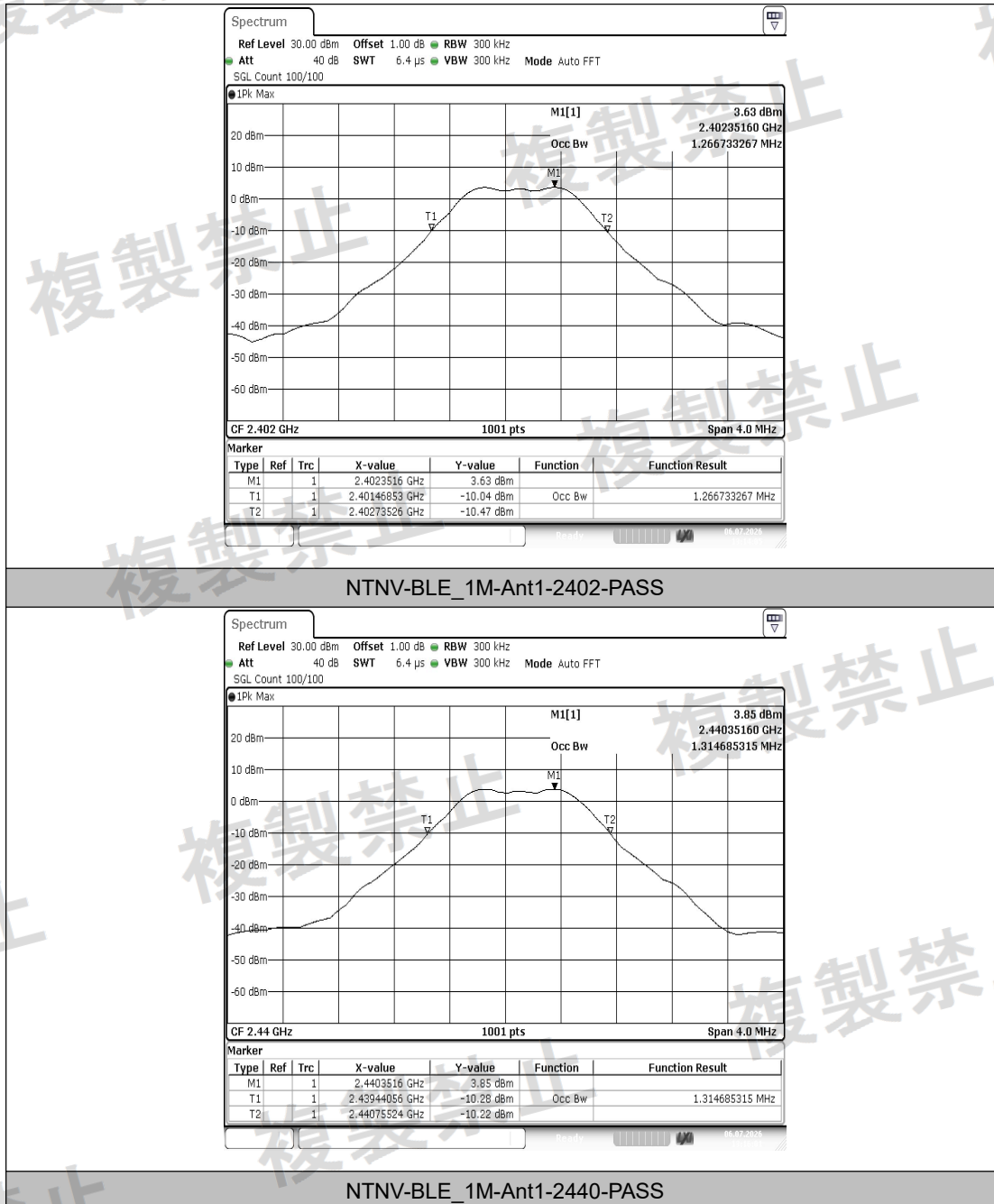
Appendix C: Occupied Bandwidth

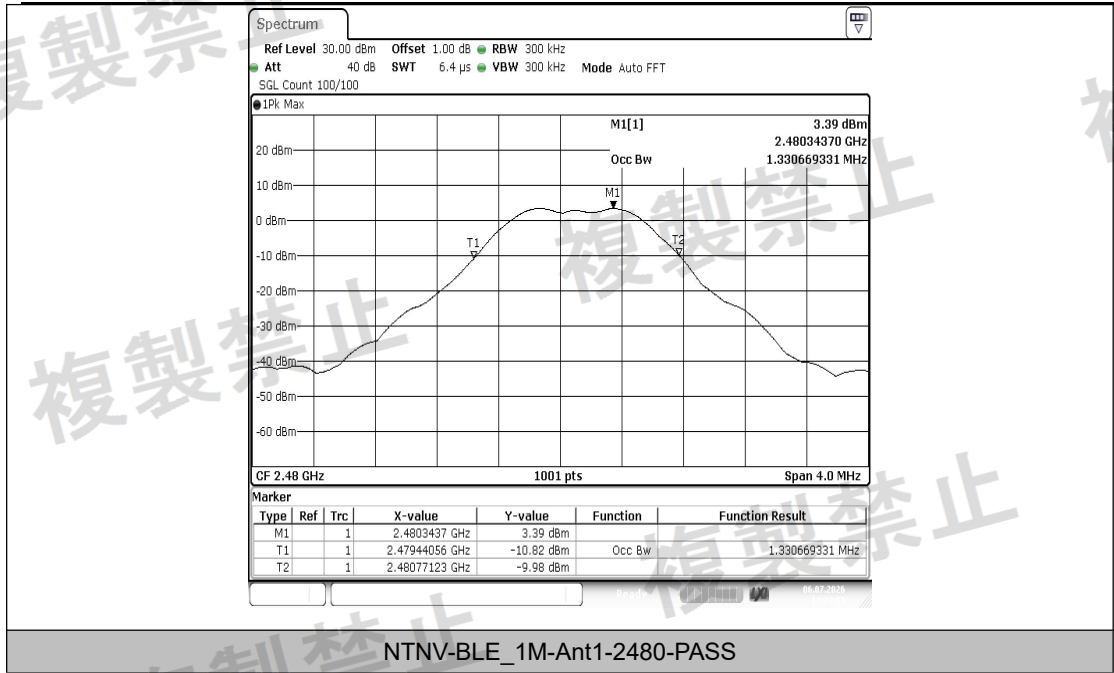
Test Result

Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.267	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.315	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.331	≤26	PASS



Test Graphs





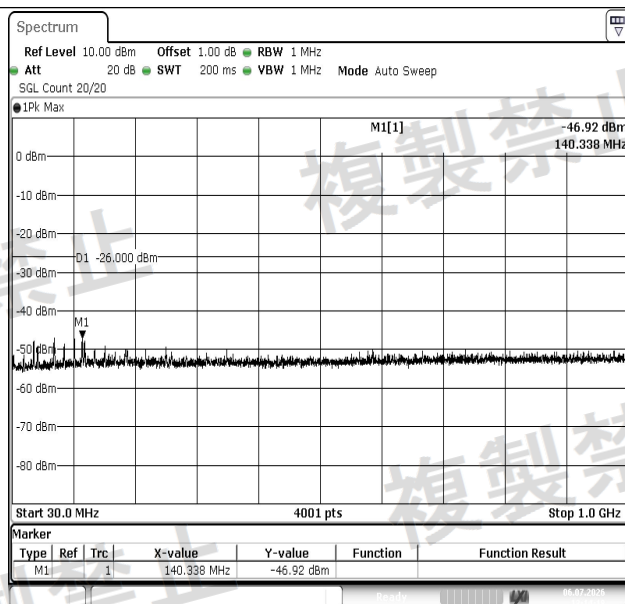
Appendix D: Spurious Emission of TX

Test Result

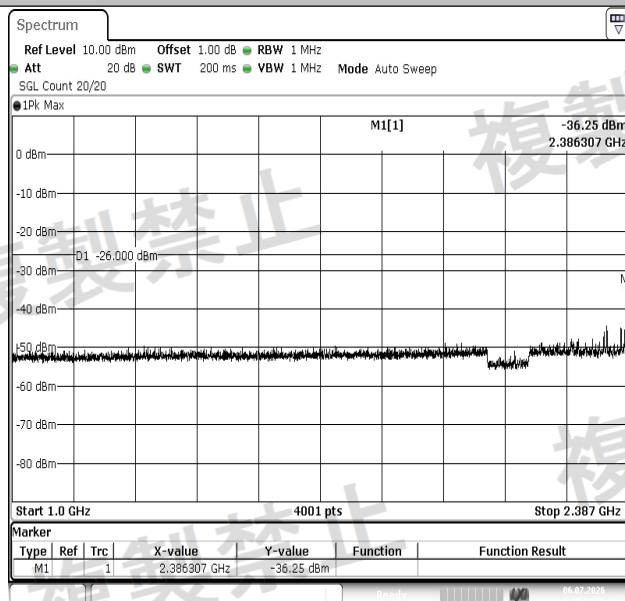
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	140.34	-46.92	≤-26	0.02032	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2386.31	-36.25	≤-26	0.23714	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-31.29	≤-16	0.74302	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2495.54	-38.24	≤-16	0.14997	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	7205.74	-31.86	≤-26	0.65163	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	95.72	-46.35	≤-26	0.02317	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2376.25	-44.17	≤-26	0.03828	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2389.94	-38.32	≤-16	0.14723	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2484.81	-38.07	≤-16	0.15596	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	7319.18	-33.52	≤-26	0.44463	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	95.96	-46.63	≤-26	0.02173	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2384.57	-45.64	≤-26	0.02729	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2387.62	-38.28	≤-16	0.14859	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.55	-36.89	≤-16	0.20464	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	4959.57	-33.87	≤-26	0.41020	≤2.5	PASS



Test Graphs

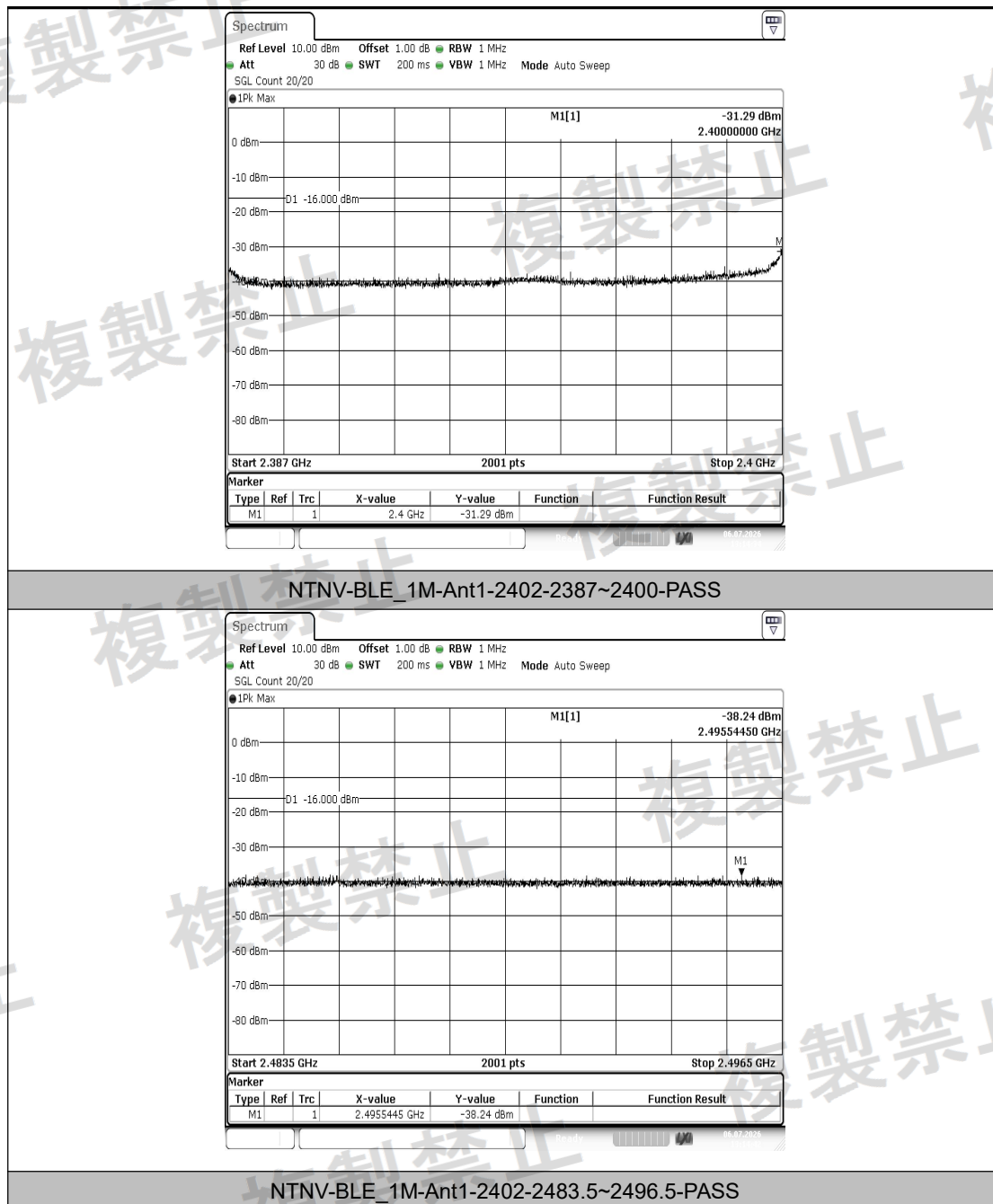


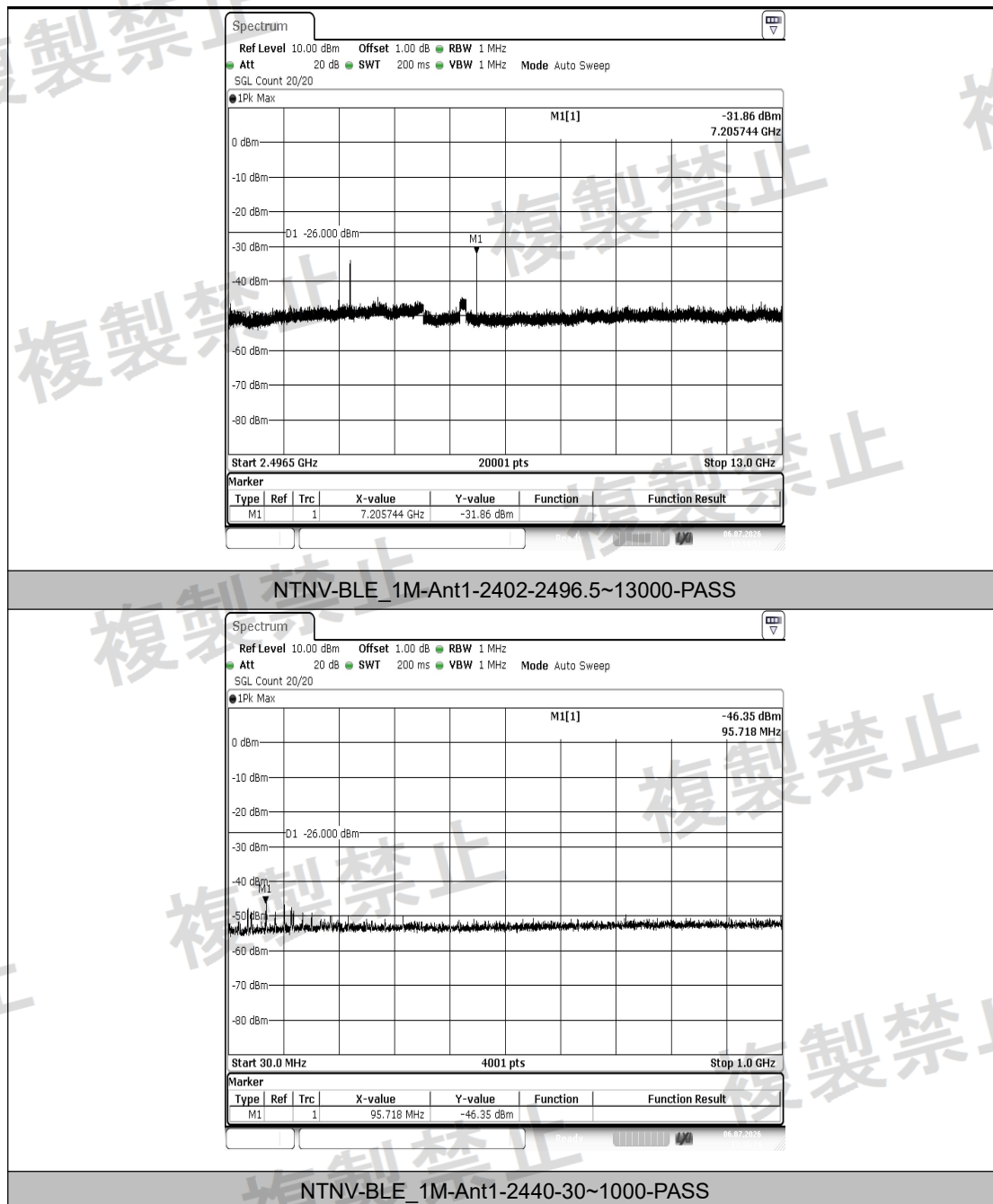
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

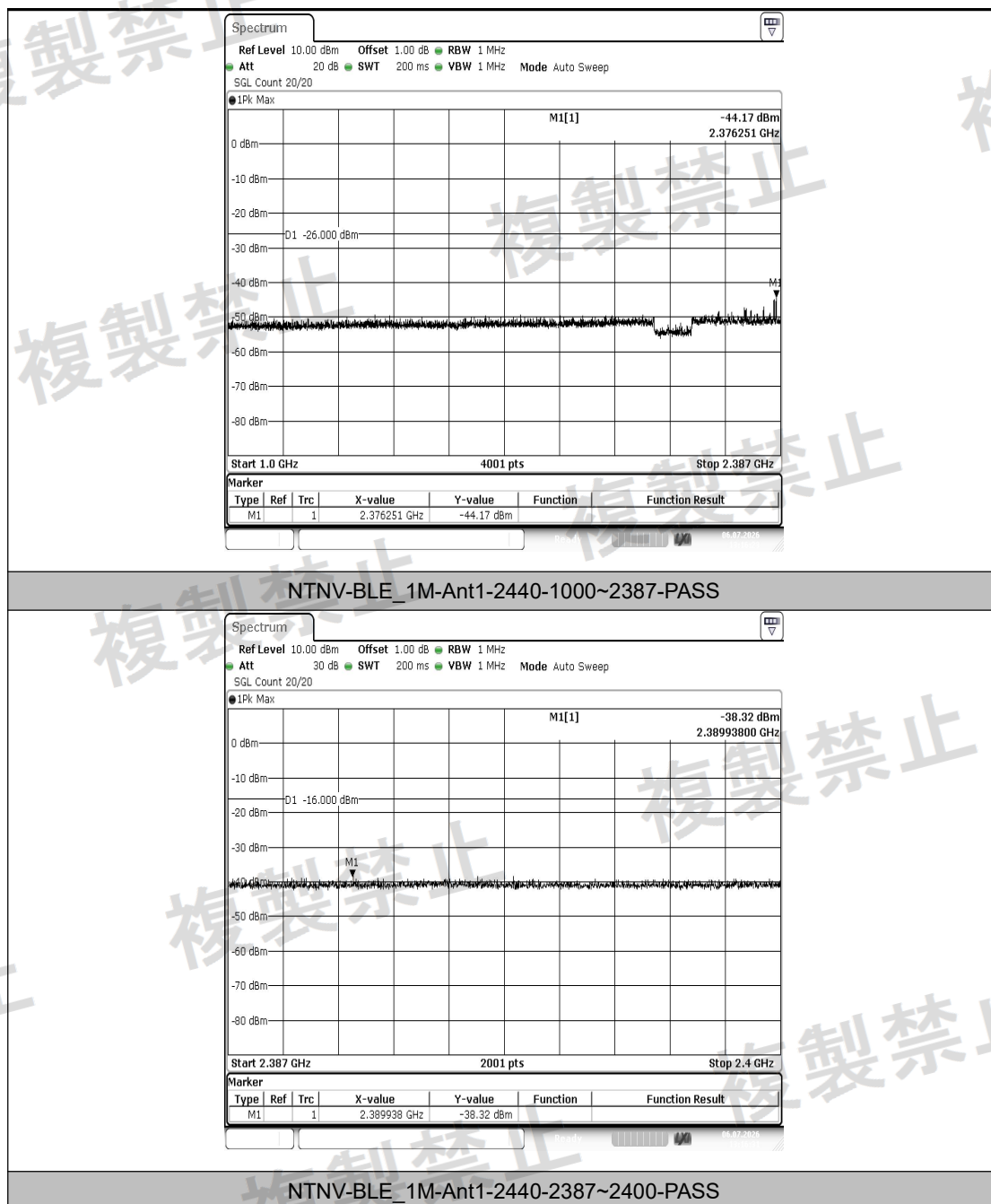


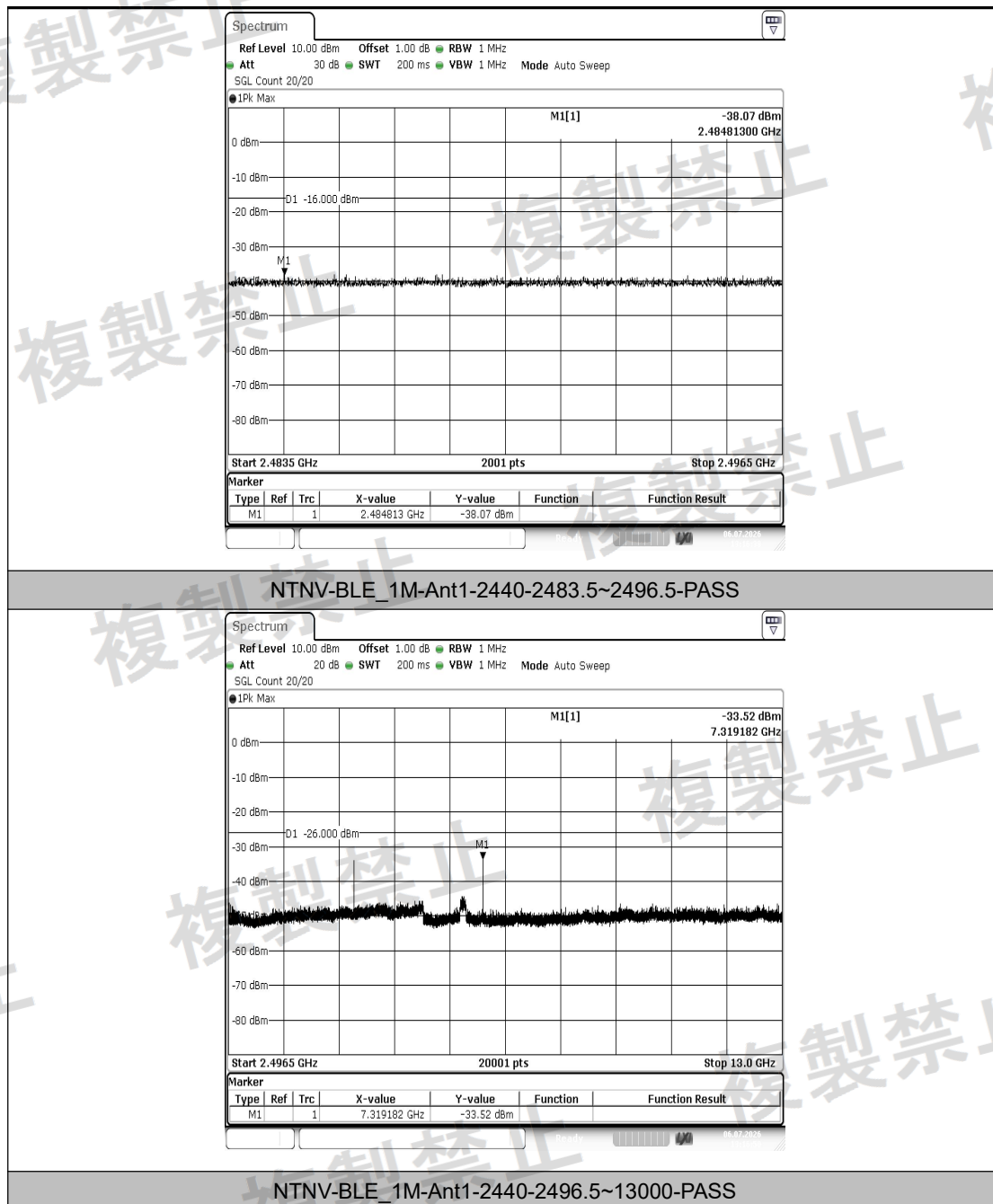
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

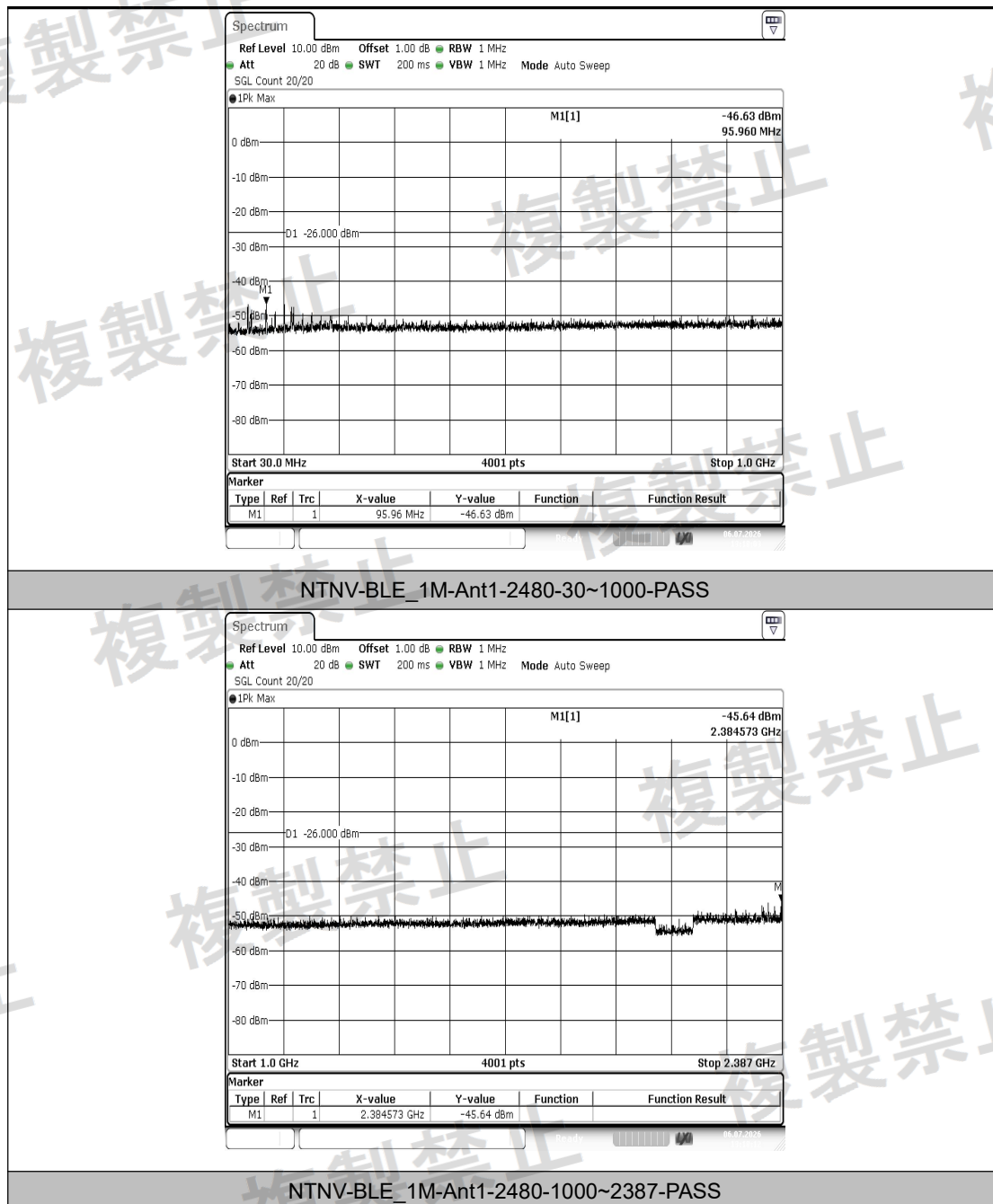


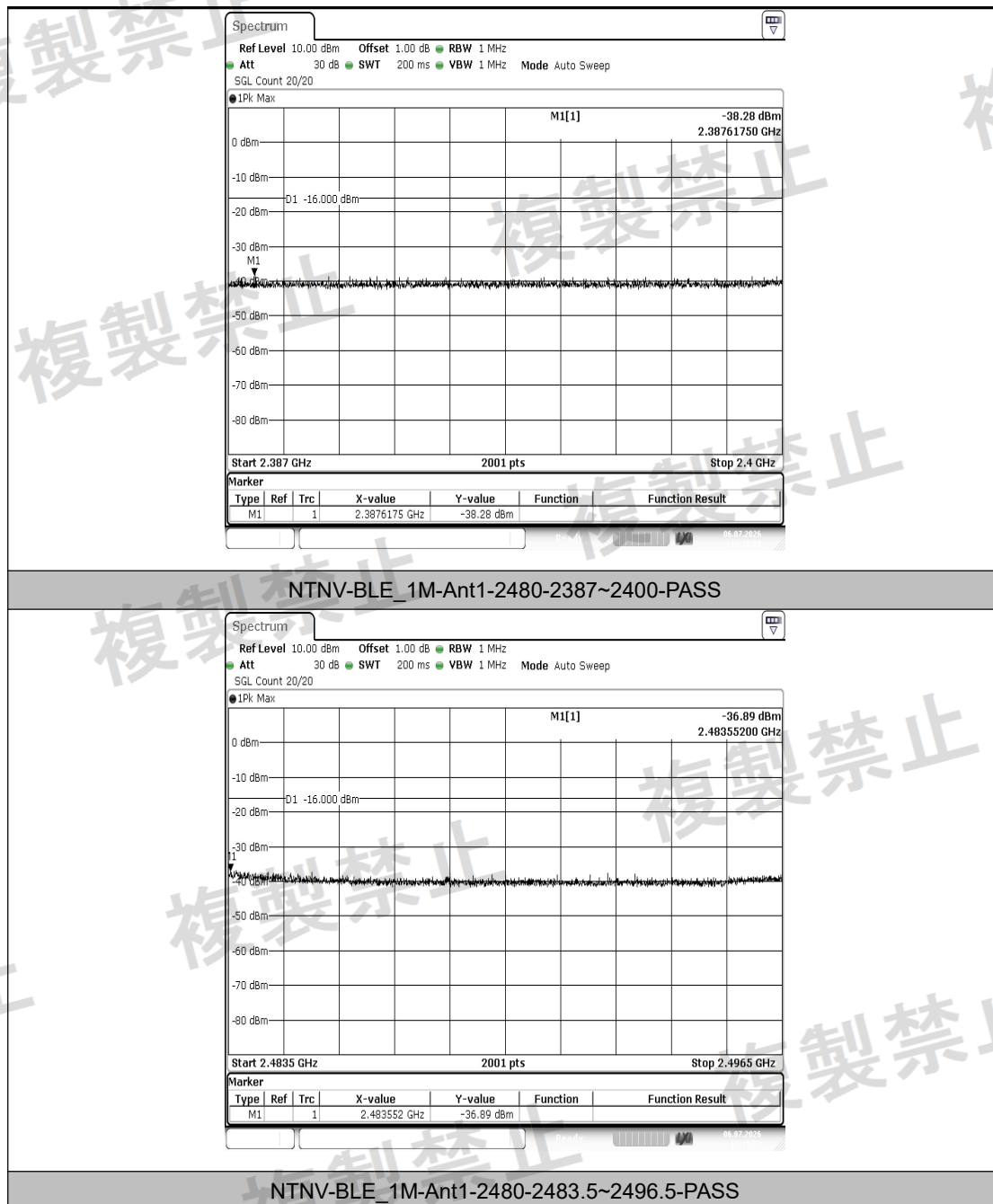


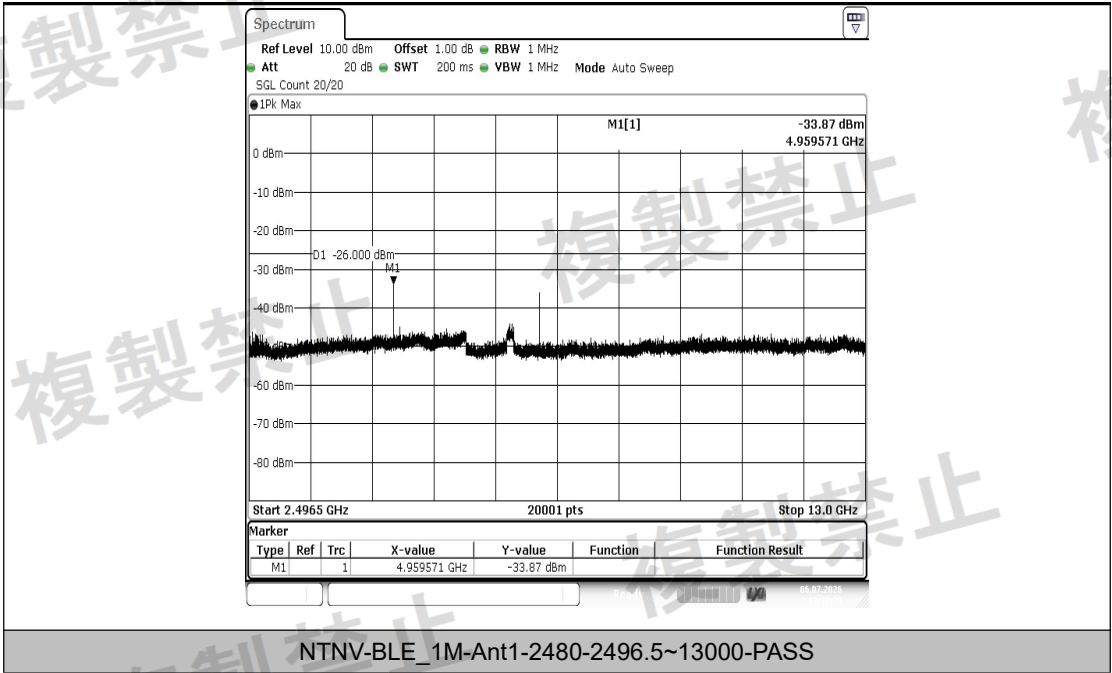












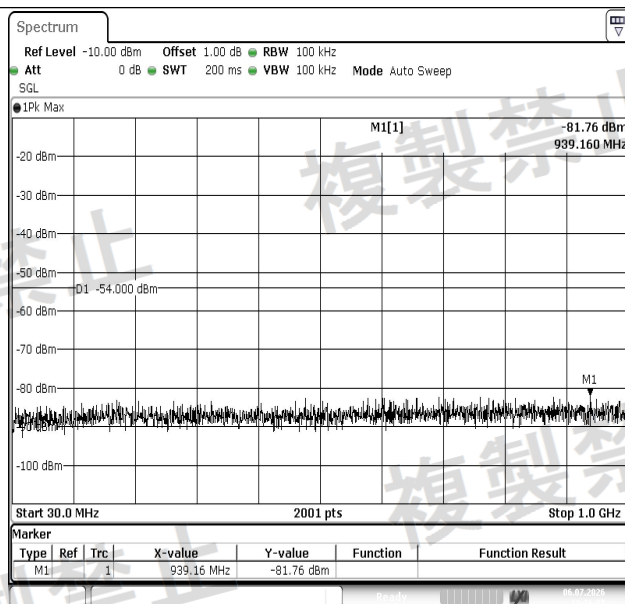
Appendix E: Spurious Emission of RX

Test Result

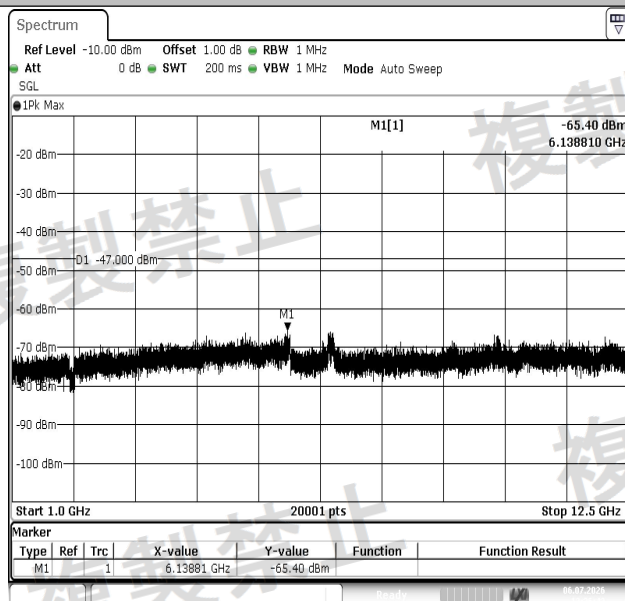
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	939.16	-81.76	≤-54	0.00667	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6138.81	-65.40	≤-47	0.28840	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	592.08	-82.36	≤-54	0.00581	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6153.75	-65.91	≤-47	0.25645	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	907.17	-81.09	≤-54	0.00778	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6934.57	-65.56	≤-47	0.27797	≤20	PASS



Test Graphs

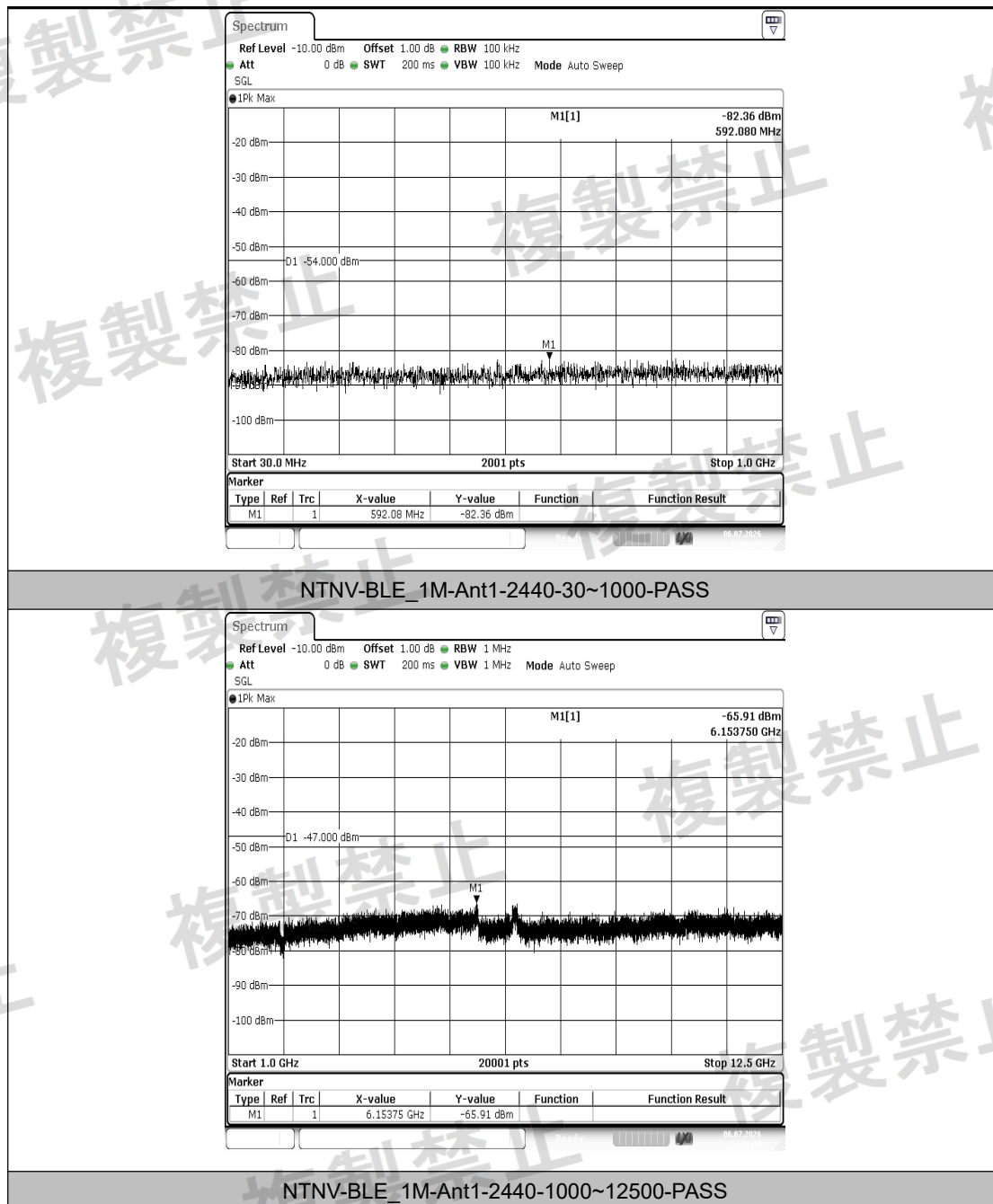


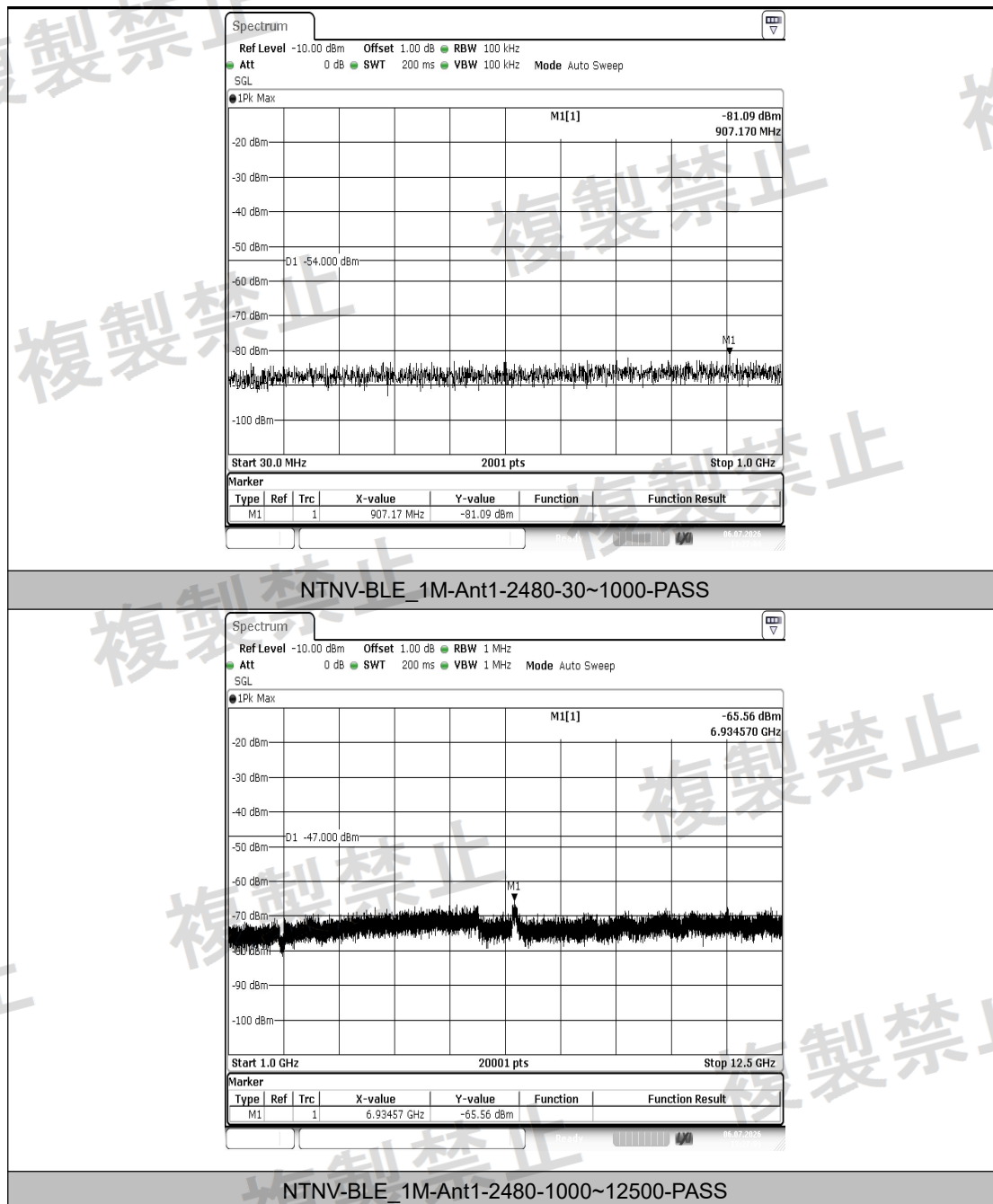
NTNV-BLE_1M-Ant1-2402-30~1000-PASS



NTNV-BLE_1M-Ant1-2402-1000~12500-PASS







---End---

