

Appendix Test Data

Report No.:	1812C60438812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-6	Finish Test Date:	2026-8-6
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	58%
Pressure:	101kPa		

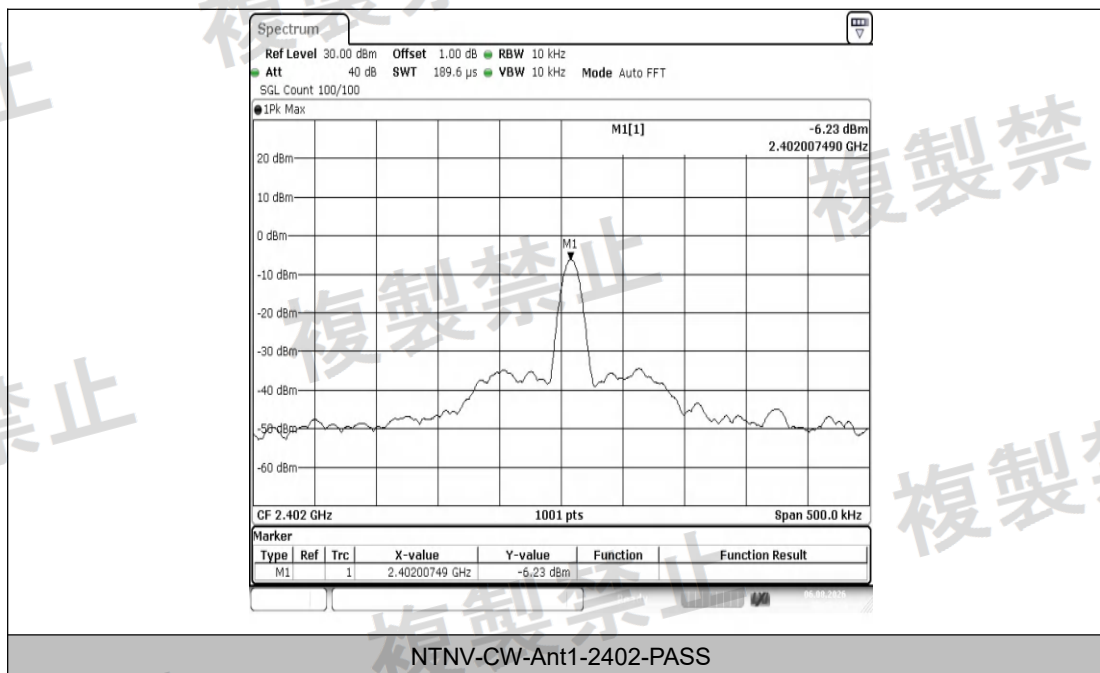
Appendix A: Frequency Error

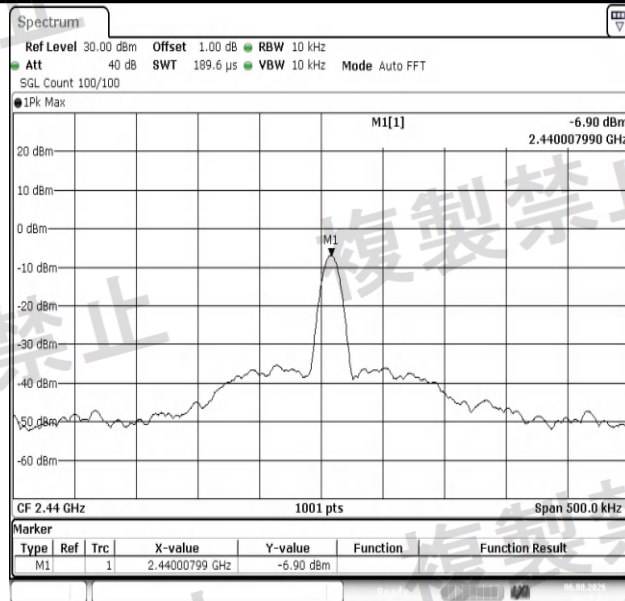
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.00749	3.11824	±50	PASS
NTNV	CW	Ant1	2440	2440.00799	3.27459	±50	PASS
NTNV	CW	Ant1	2480	2480.00799	3.22177	±50	PASS

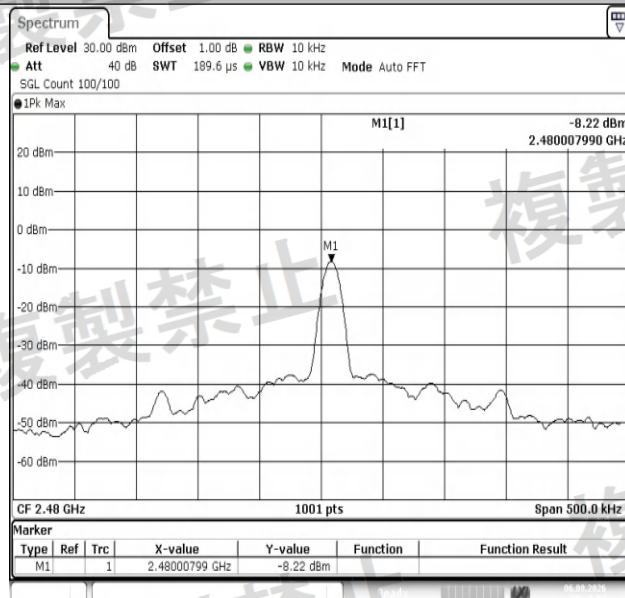
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000

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	-6.57	0.2202	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-6.81	0.2084	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-8.09	0.1552	≤10	PASS

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

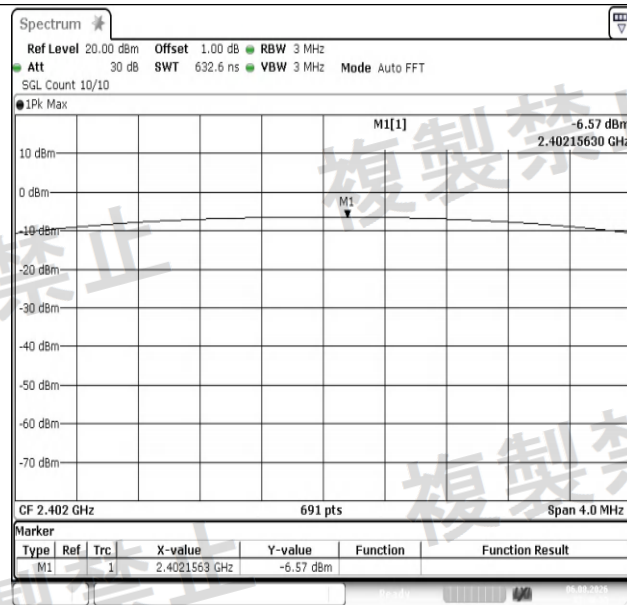
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.2202	0.2	10.10	+20	PASS
NTNV	BLE_1M	Ant1	2440	0.2084	0.2	4.20	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.1552	0.2	-22.40	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Gain [dBi]	EIRP (dBm)	Limit (dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	-6.57	2.34	-5.03	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-6.81	2.34	-5.67	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-8.09	2.34	-6.90	≤12.14	PASS

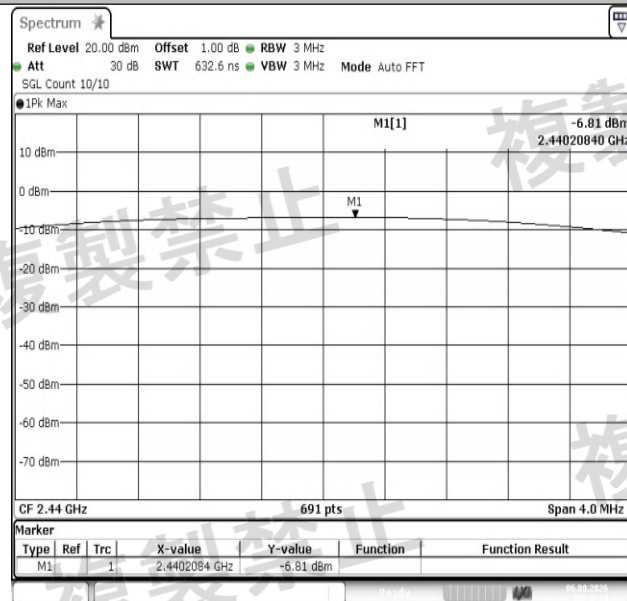
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

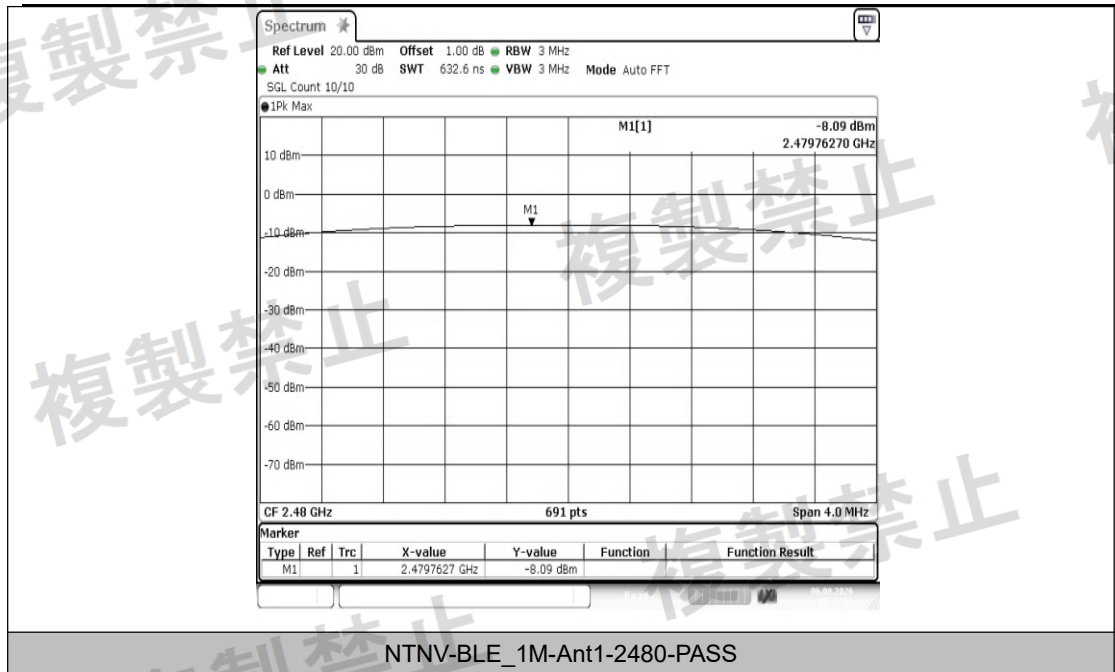


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



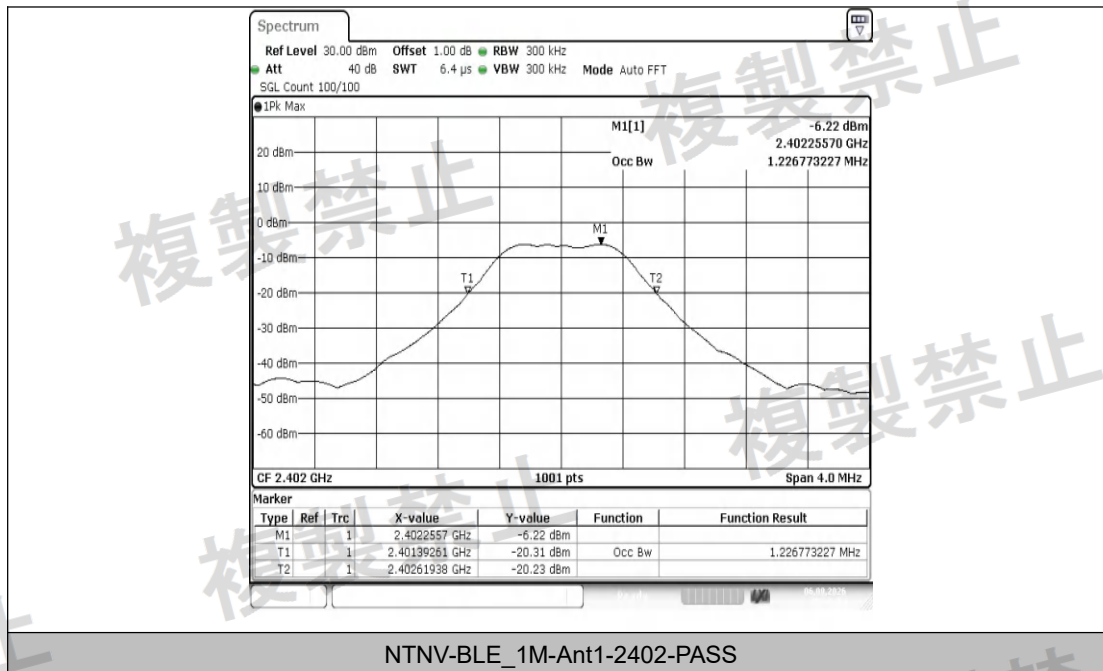


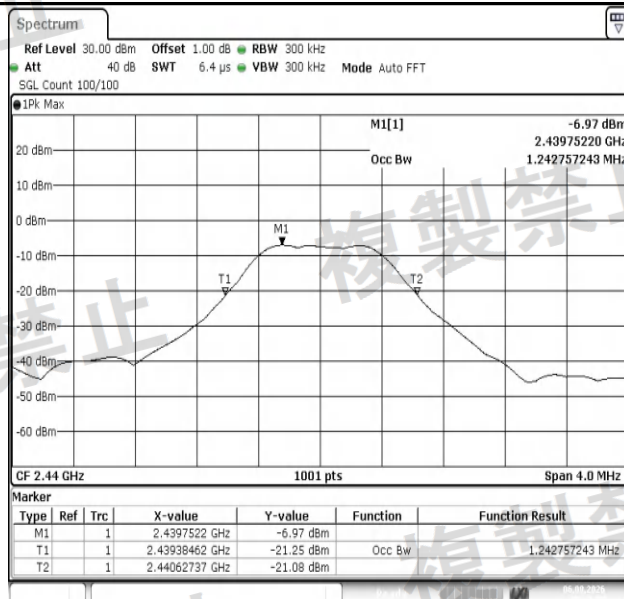
Appendix C: Occupied Bandwidth

Test Result

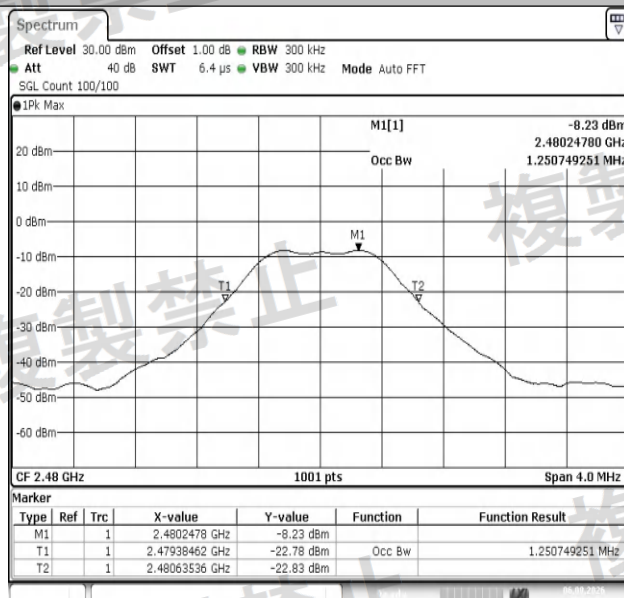
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.227	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.243	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.251	≤26	PASS

Test Graphs





NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



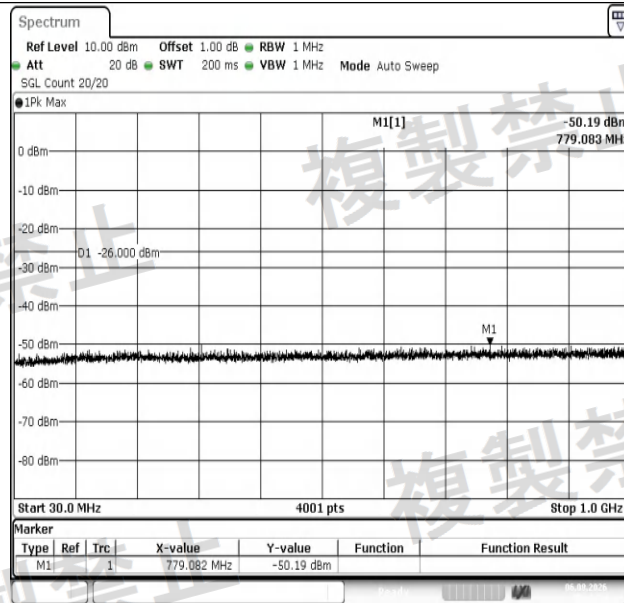
Appendix D: Spurious Emission of TX

Test Result

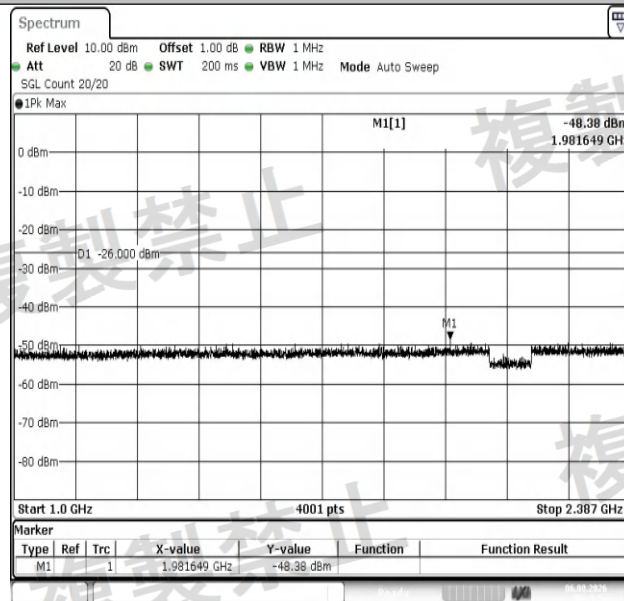
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	779.08	-50.19	≤ -26	0.00957	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	1981.65	-48.38	≤ -26	0.01452	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.99	-27.17	≤ -16	1.91867	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2485.05	-37.86	≤ -16	0.16368	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	5822.96	-43.44	≤ -26	0.04529	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	974.30	-49.69	≤ -26	0.01074	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2005.58	-49.10	≤ -26	0.01230	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2394.73	-38.20	≤ -16	0.15136	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2495.56	-38.30	≤ -16	0.14791	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	5820.33	-41.57	≤ -26	0.06966	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	874.63	-50.35	≤ -26	0.00923	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2191.43	-49.00	≤ -26	0.01259	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2388.90	-38.40	≤ -16	0.14454	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2484.65	-37.91	≤ -16	0.16181	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6928.98	-44.19	≤ -26	0.03811	≤ 2.5	PASS



Test Graphs

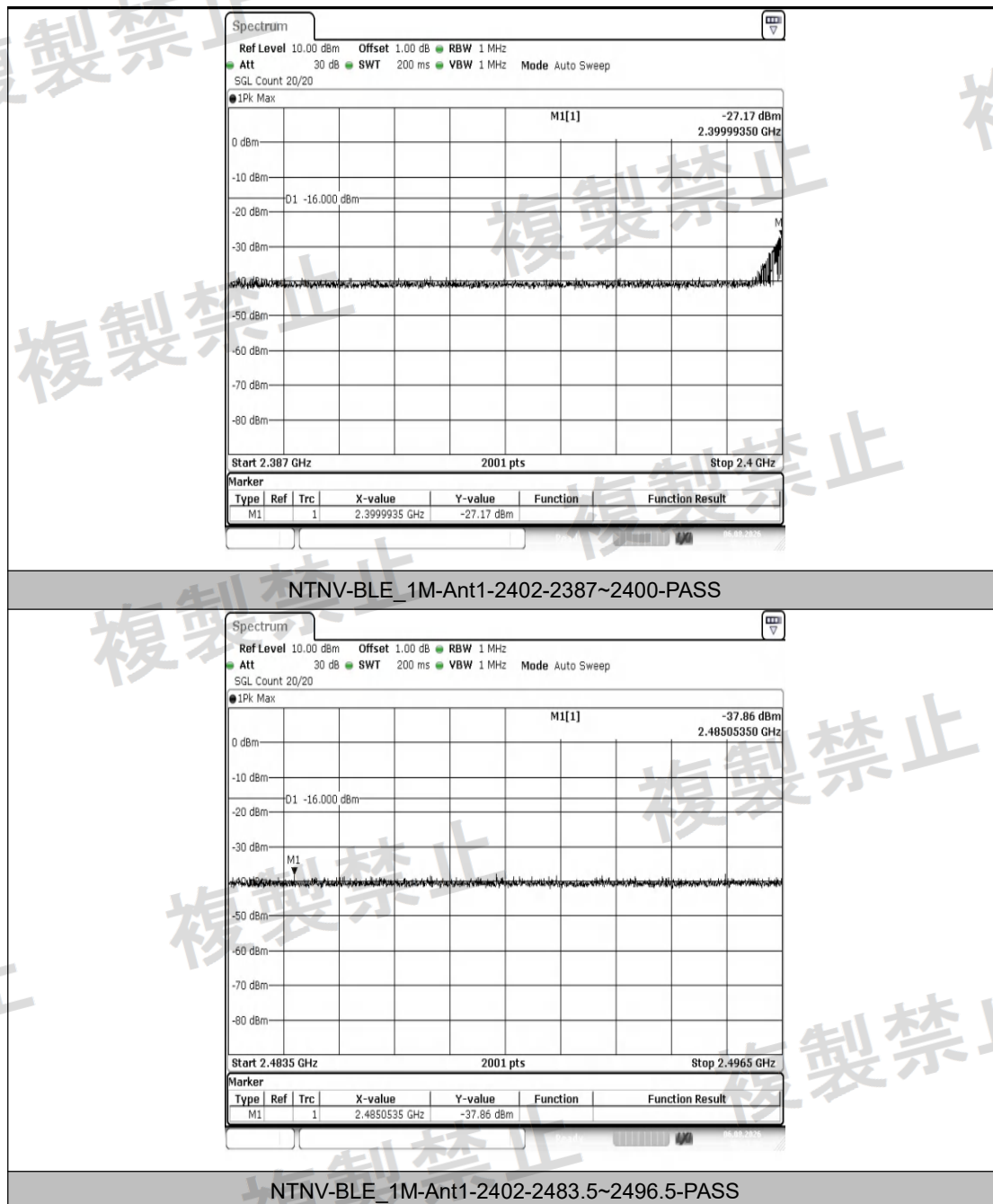


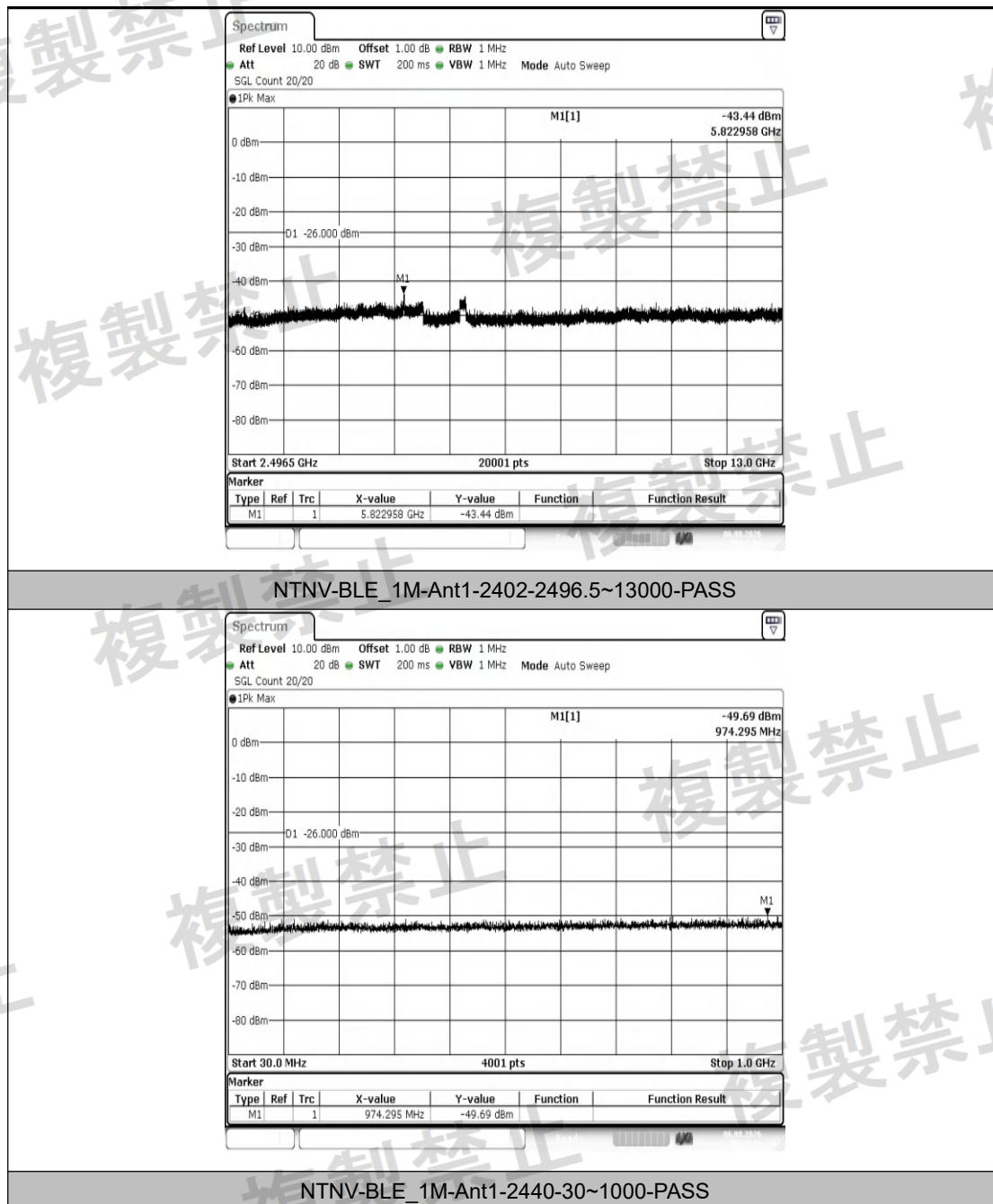
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

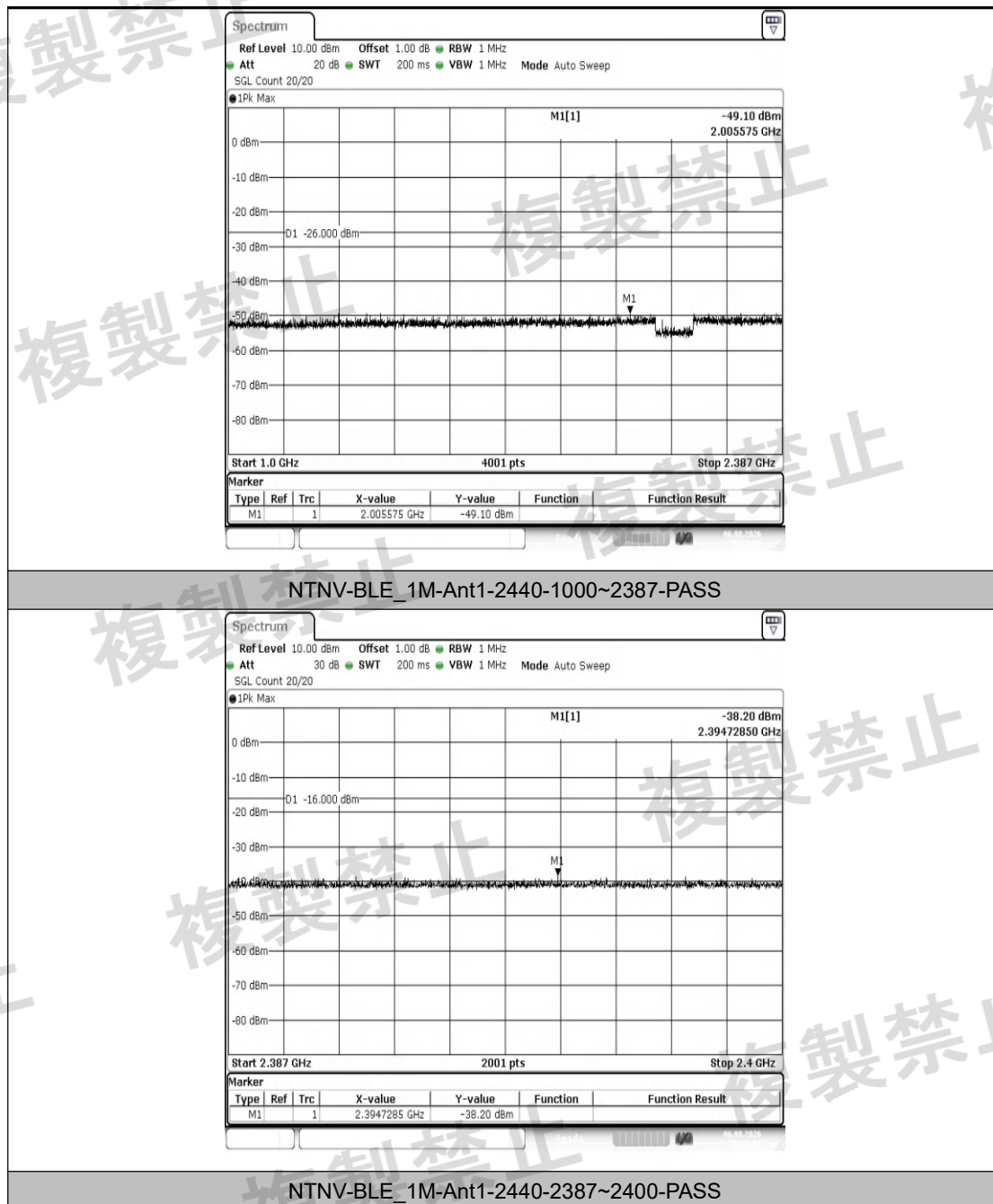


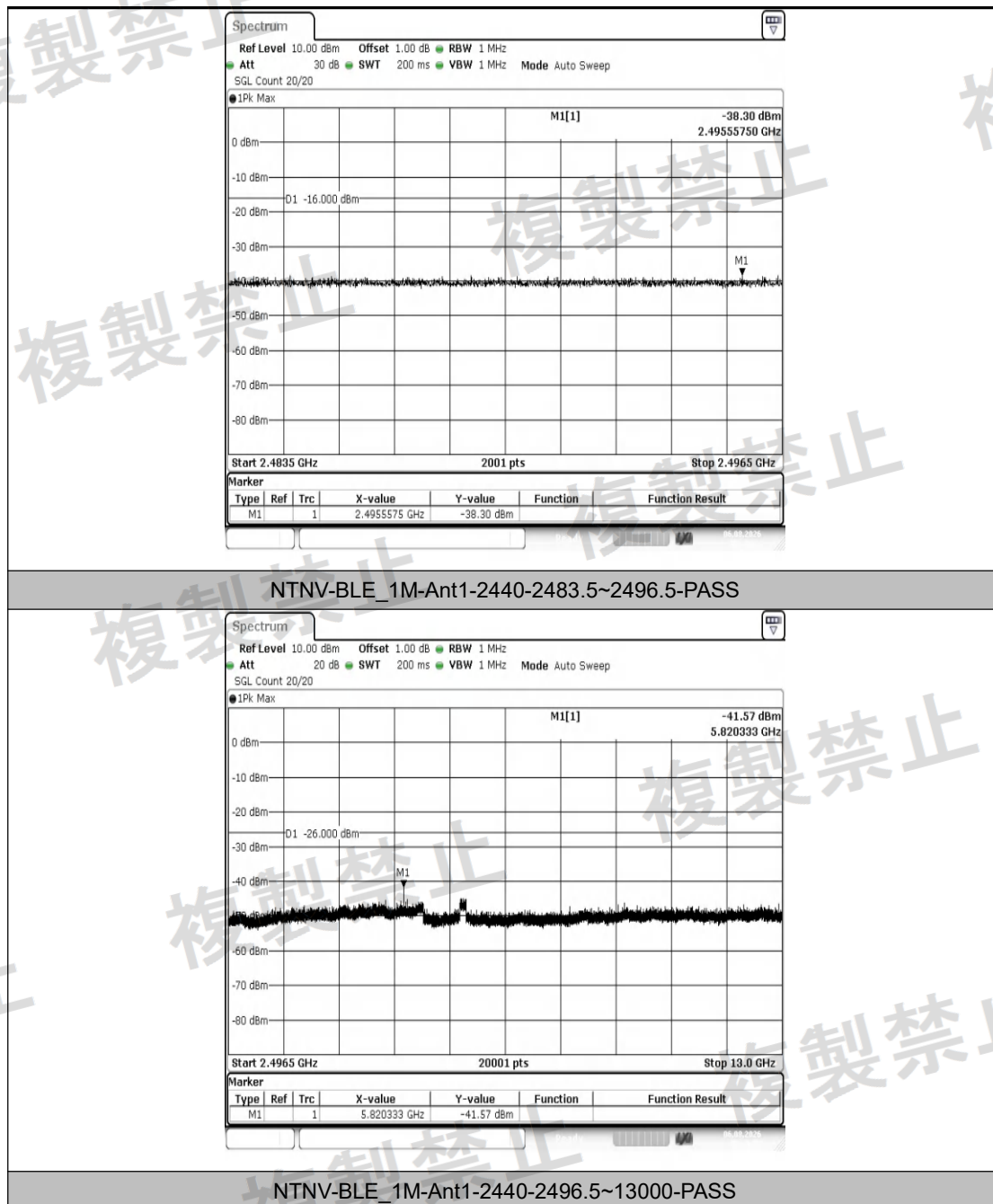
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

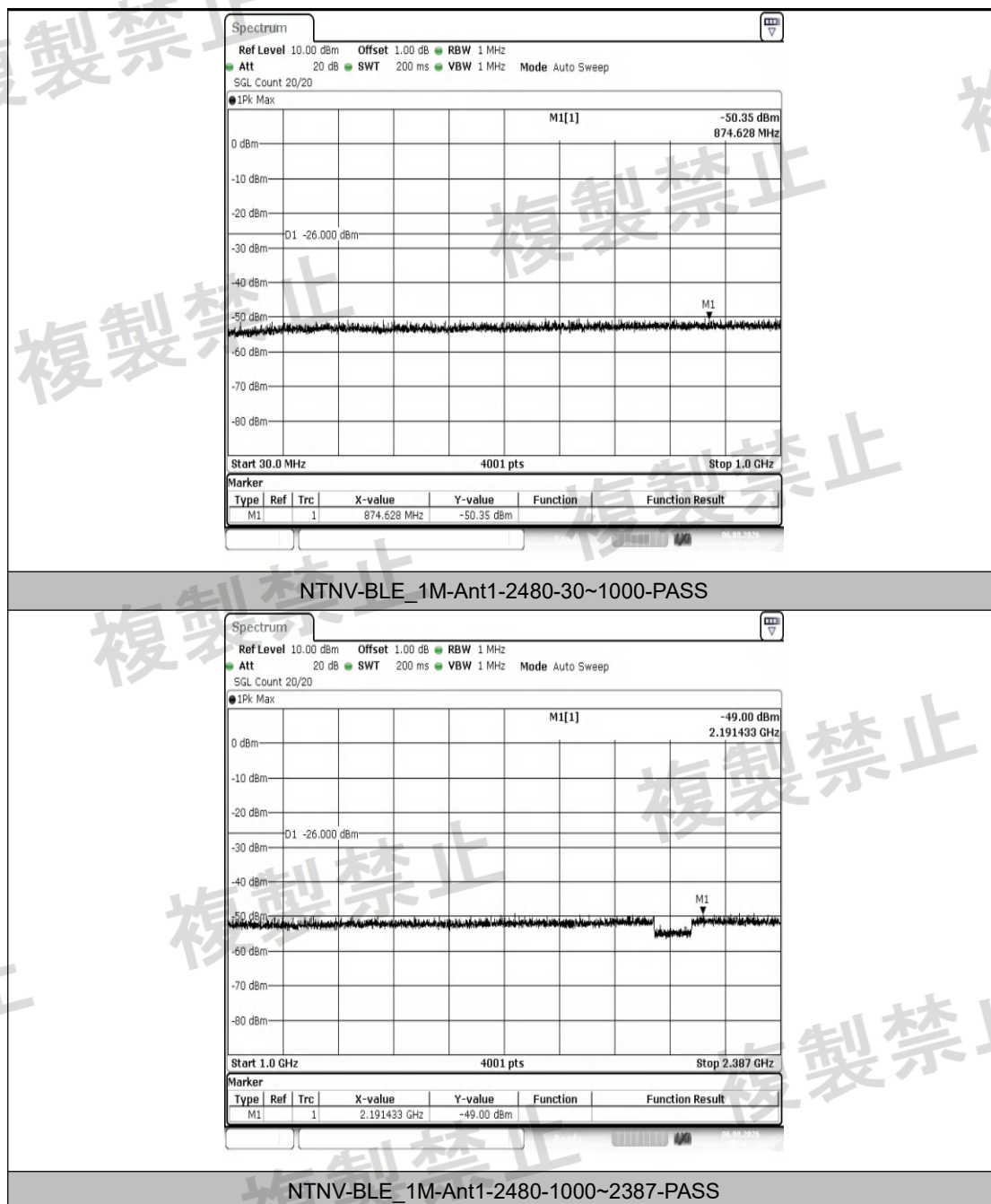


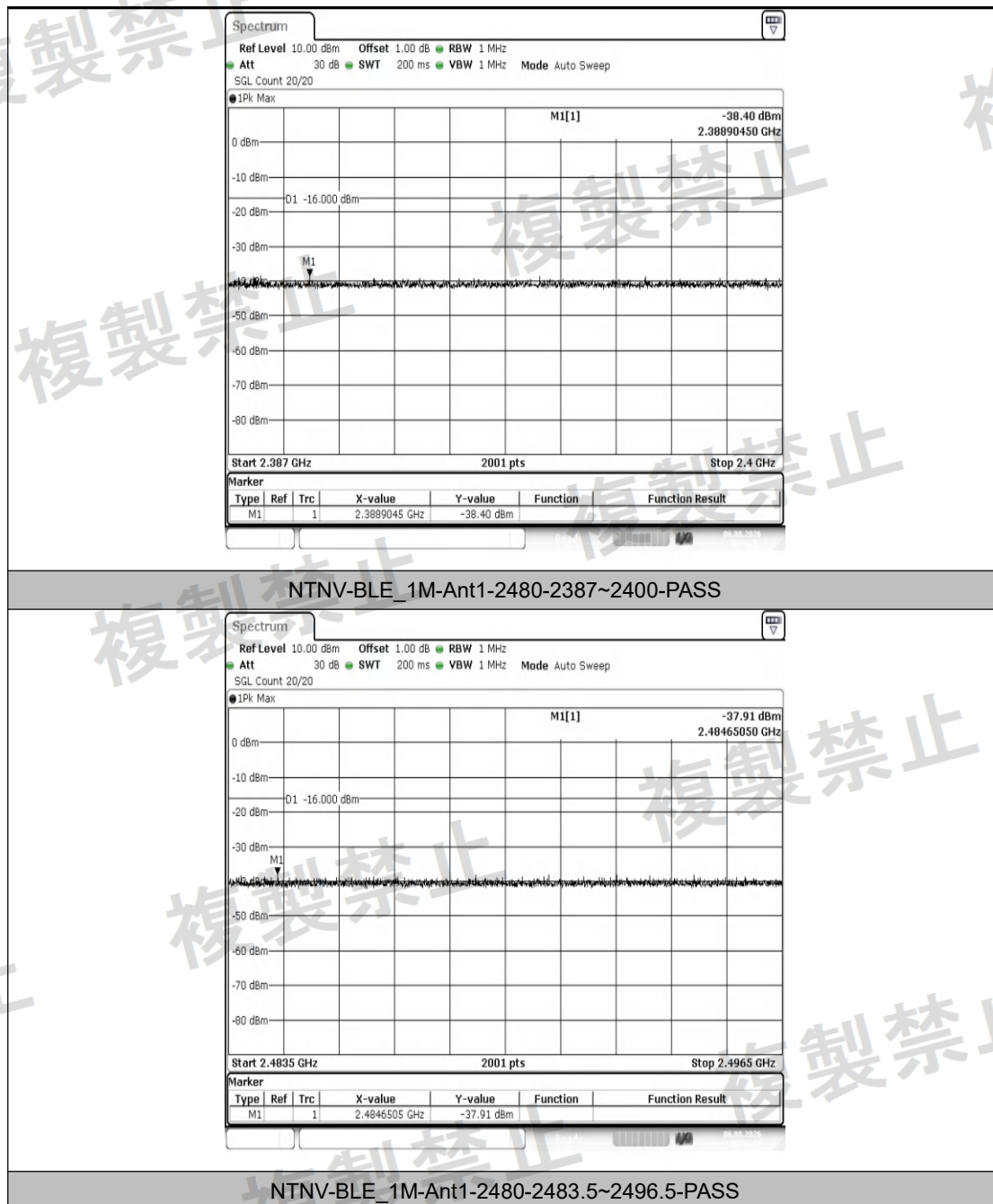


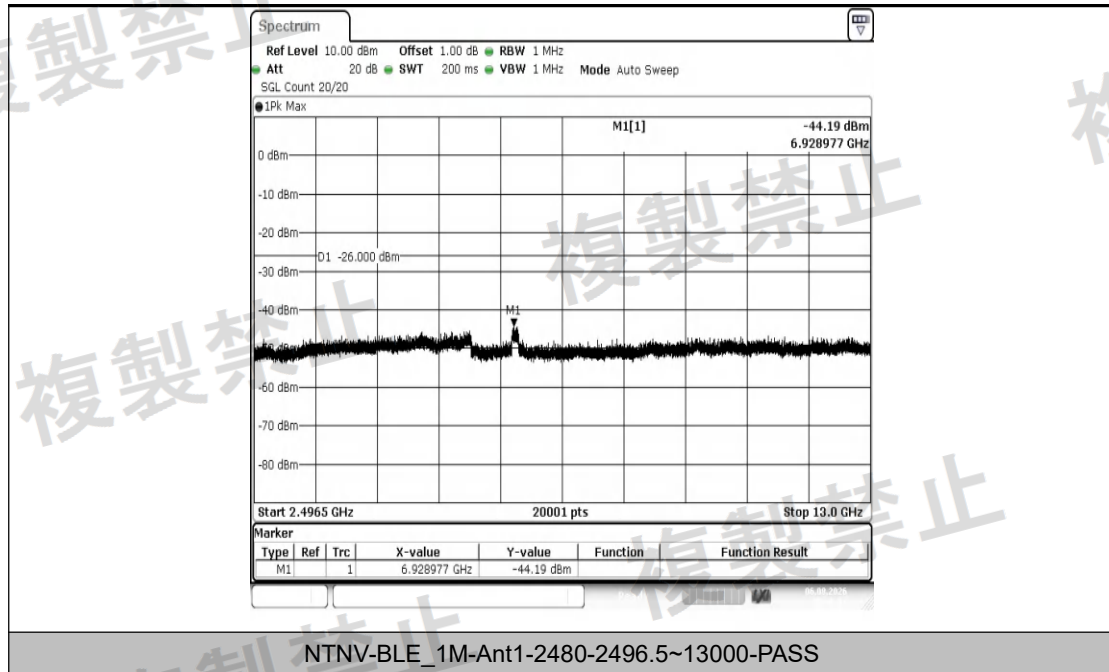












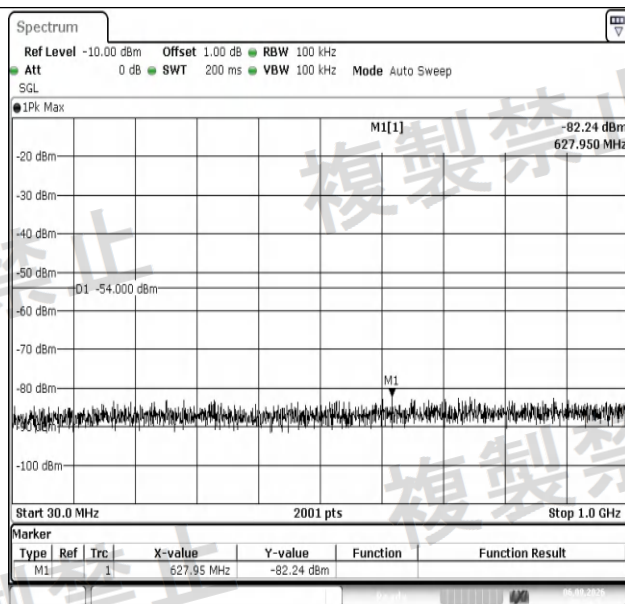
Appendix E: Spurious Emission of RX

Test Result

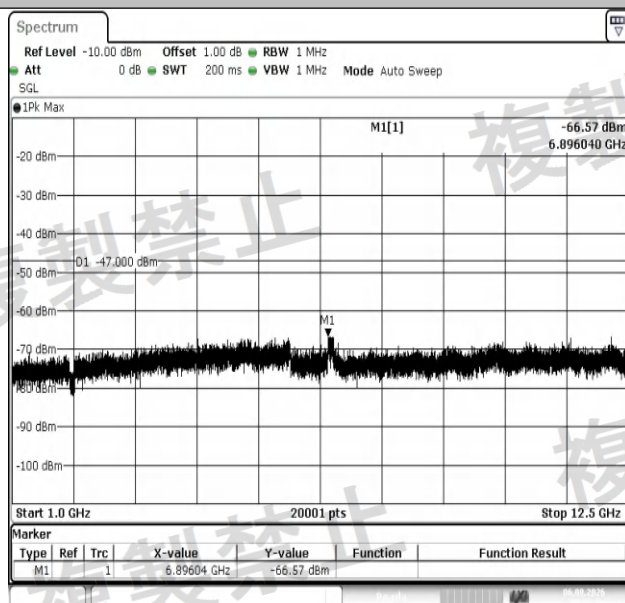
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	627.95	-82.24	≤-54	0.00597	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6896.04	-66.57	≤-47	0.22029	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	679.82	-81.29	≤-54	0.00743	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	5781.75	-65.25	≤-47	0.29854	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	778.22	-82.34	≤-54	0.00583	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6988.61	-66.29	≤-47	0.23496	≤20	PASS



Test Graphs

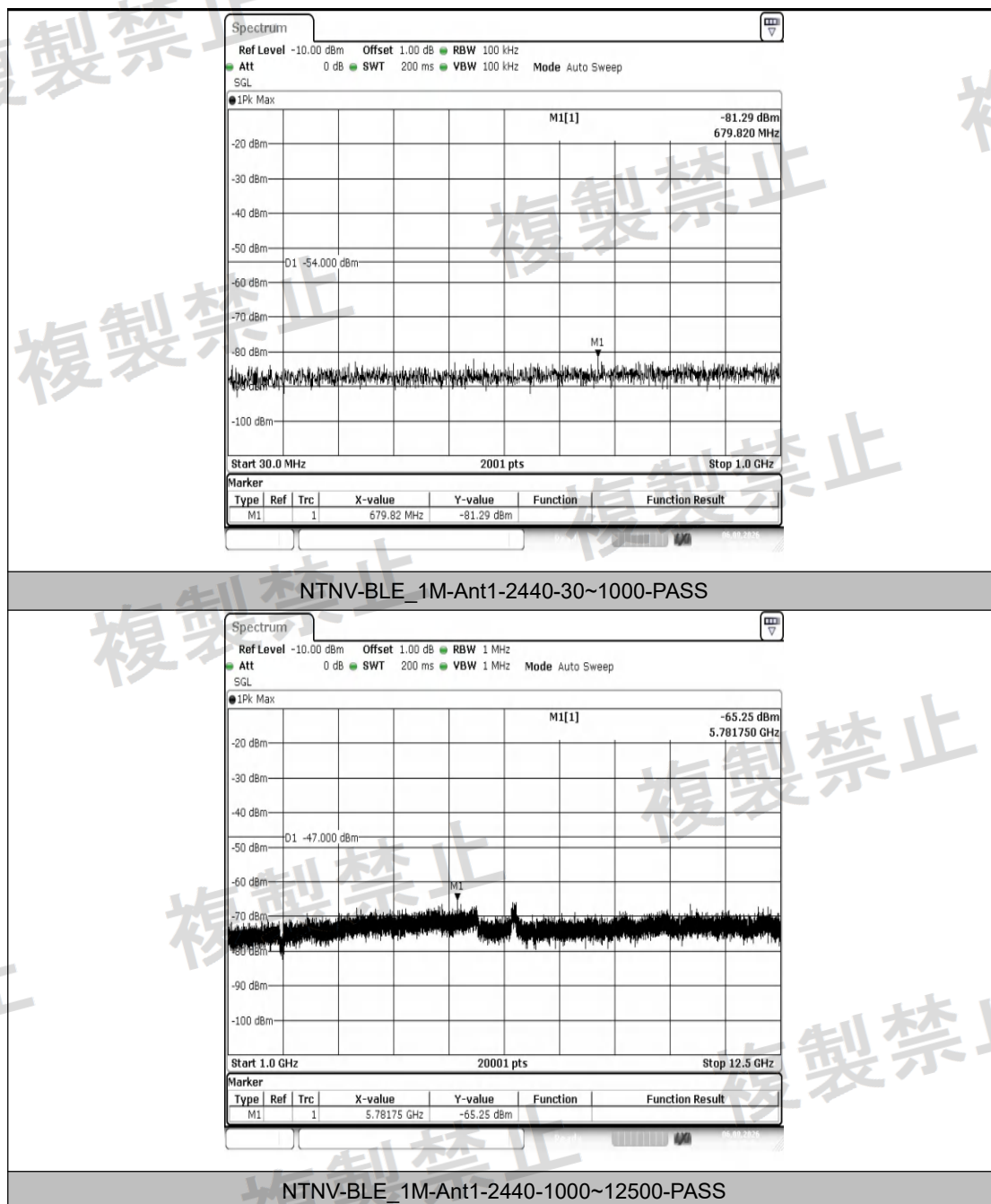


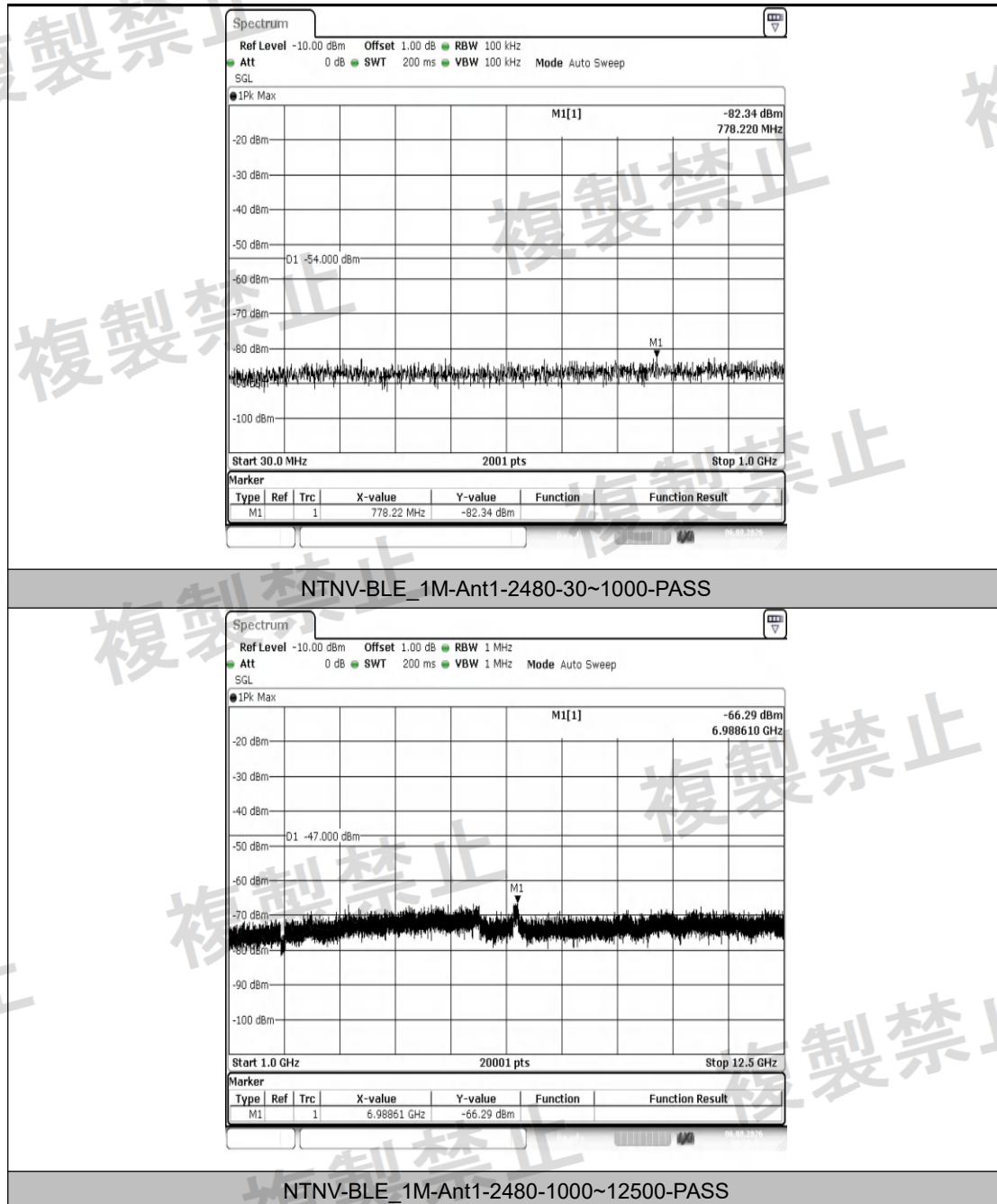
NTNV-BLE_1M-Ant1-2402-30~1000-PASS



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







---End---

