

Appendix Test Data

Report No.:	1812C60461012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-21	Finish Test Date:	2026-8-21
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	25.1°C	Relative Humidity:	59%
Pressure:	101kPa		

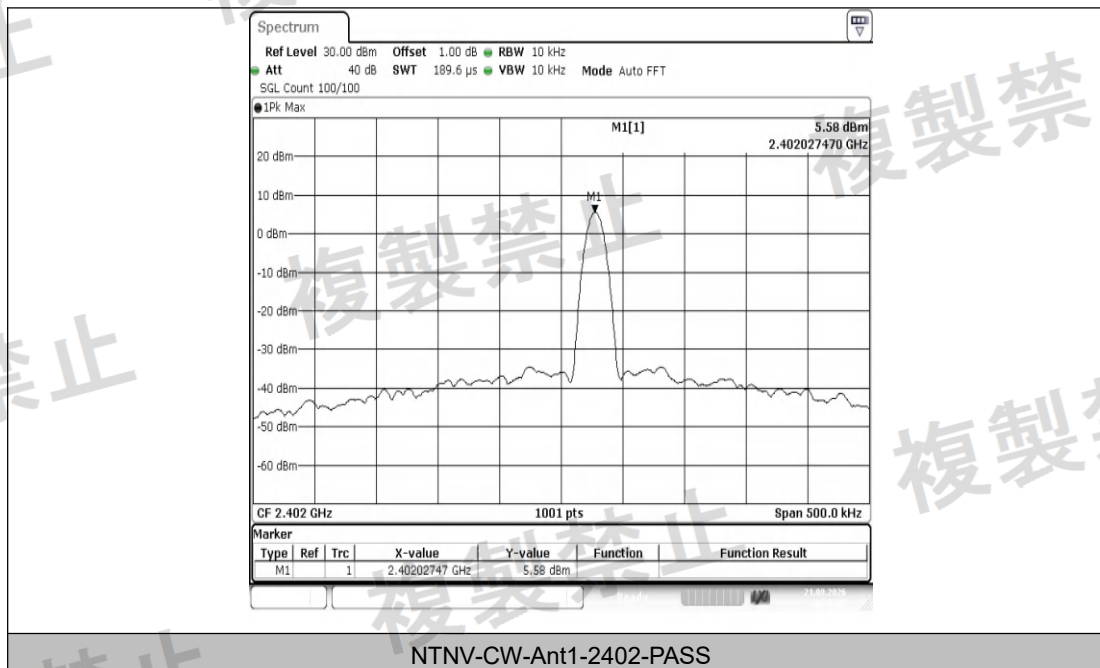
Appendix A: Frequency Error

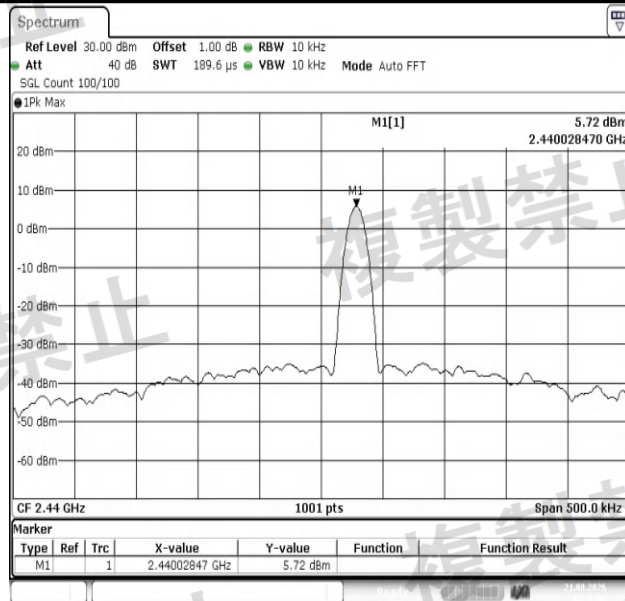
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.02747	11.43630	±50	PASS
NTNV	CW	Ant1	2440	2440.02847	11.66803	±50	PASS
NTNV	CW	Ant1	2480	2480.02897	11.68145	±50	PASS

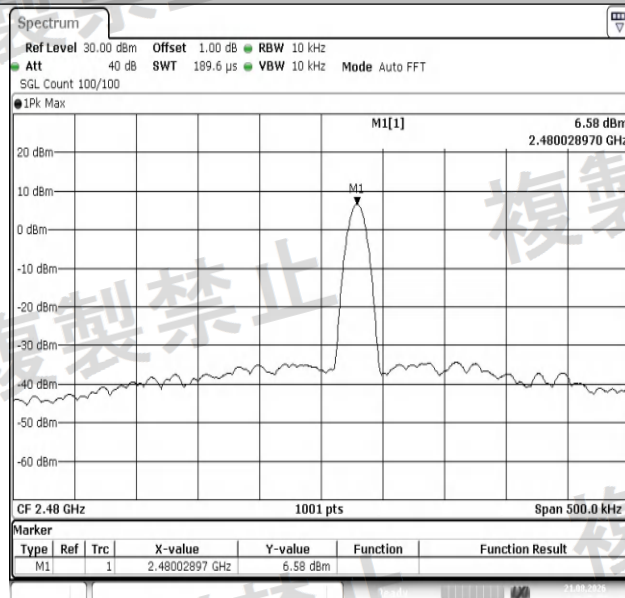
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000

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	8.51	7.0957	≤10	PASS
NTNV	BLE_1M	Ant1	2440	8.56	7.1779	≤10	PASS
NTNV	BLE_1M	Ant1	2480	9.27	8.4527	≤10	PASS

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

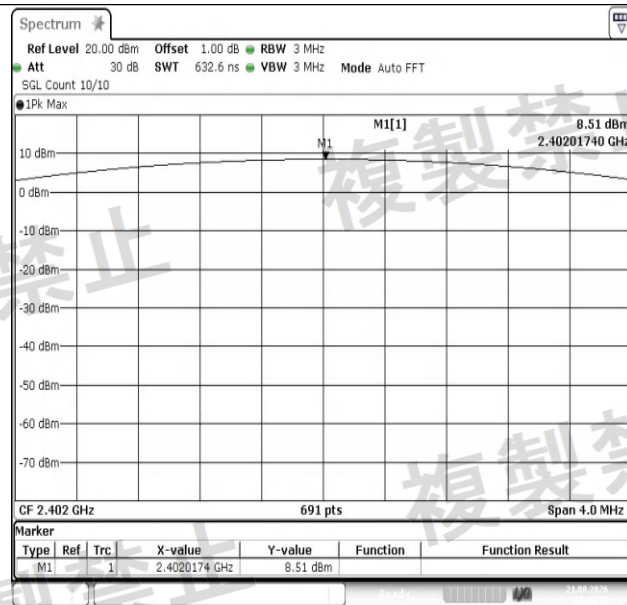
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	7.0957	8	-11.30	+20	PASS
NTNV	BLE_1M	Ant1	2440	7.1779	8	-10.28	+20	PASS
NTNV	BLE_1M	Ant1	2480	8.4527	8	5.66	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Gain [dBi]	EIRP (dBm)	Limit (dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	8.51	-5.00	3.51	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	8.56	-5.00	3.56	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	9.27	-5.00	4.27	≤12.14	PASS

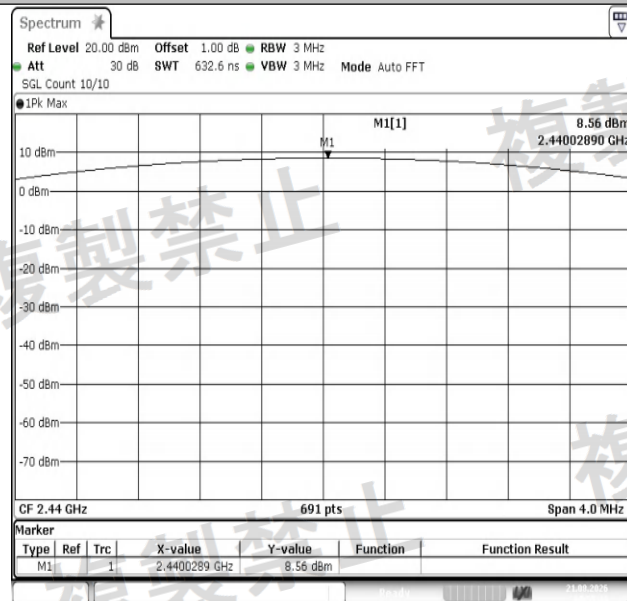
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

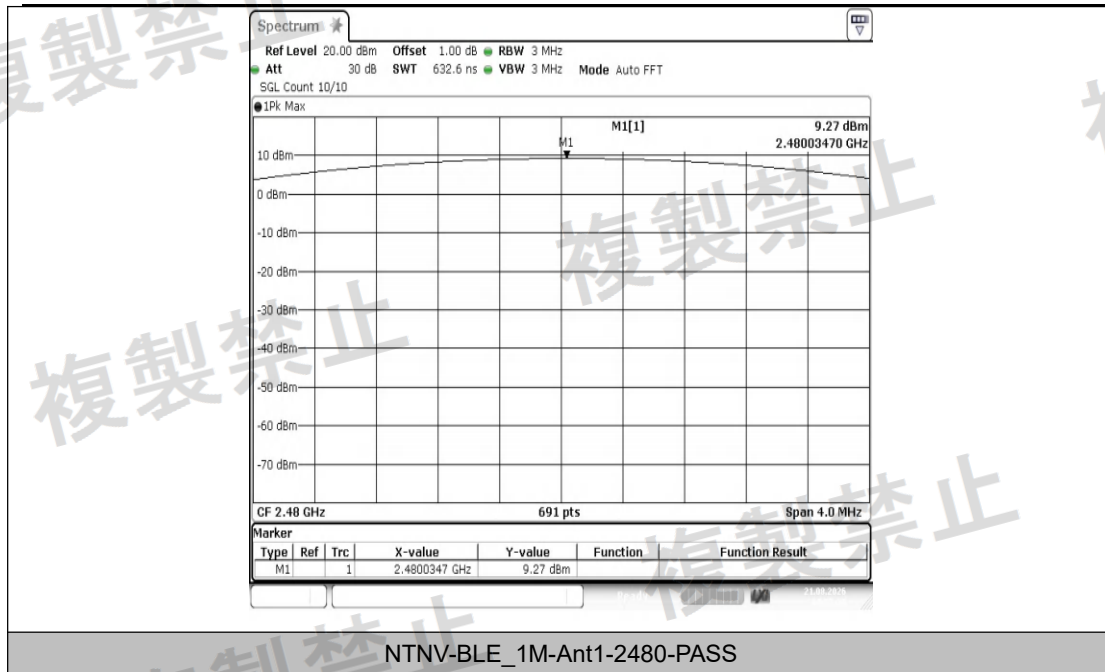


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



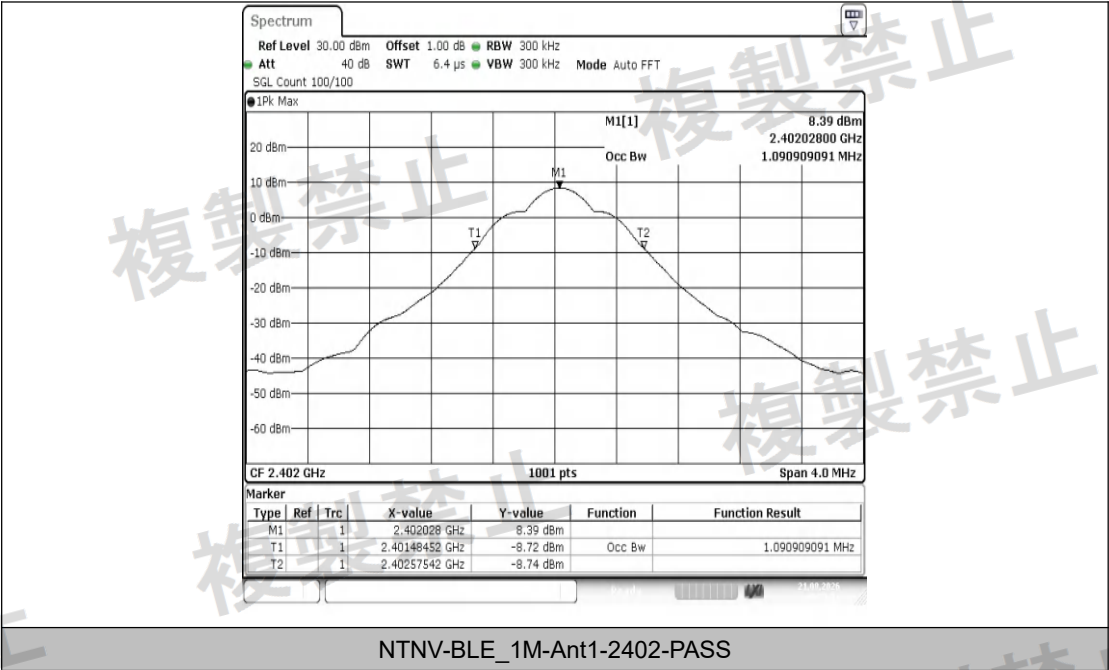


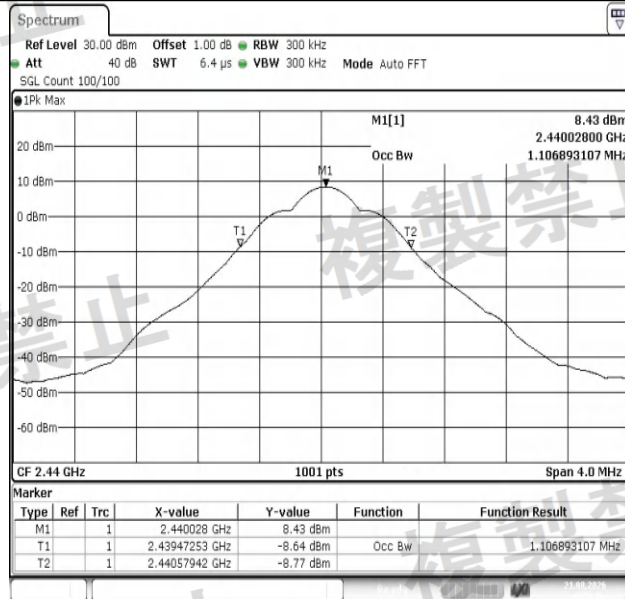
Appendix C: Occupied Bandwidth

Test Result

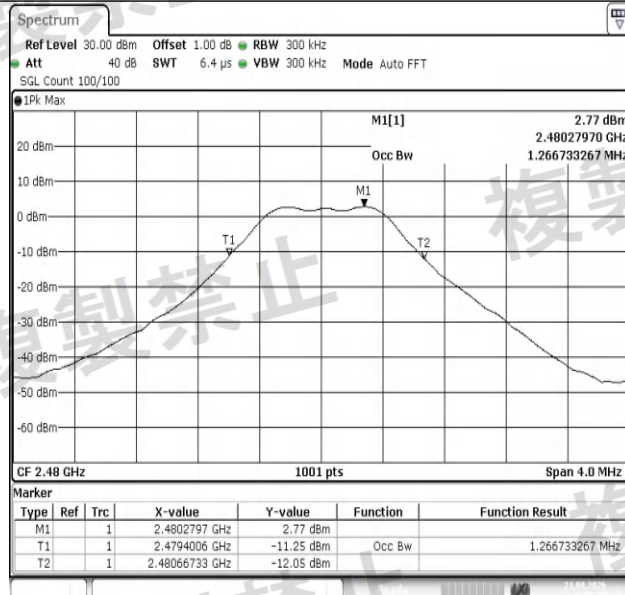
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.091	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.107	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.267	≤26	PASS

Test Graphs





NTNV-BLE_1M-Ant1-2440-PASS



NTNV-BLE_1M-Ant1-2480-PASS



Appendix D: Spurious Emission of TX

Test Result

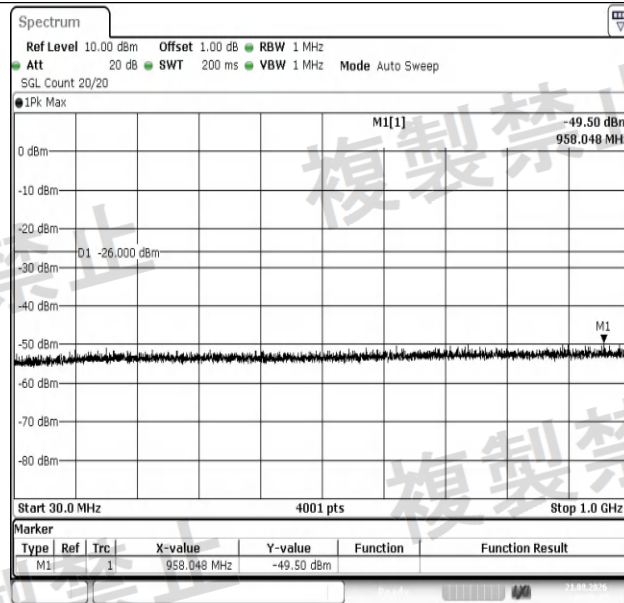
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	958.05	-49.50	≤ -26	0.01122	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2387.00	-30.53	≤ -26	0.88512	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.99	-10.49	≤ -16	89.33055	≤ 25	See table below
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2492.99	-38.21	≤ -16	0.15101	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	6153.29	-44.73	≤ -26	0.03365	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	719.91	-49.30	≤ -26	0.01175	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2188.66	-49.21	≤ -26	0.01199	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2392.23	-38.74	≤ -16	0.13366	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2486.41	-37.60	≤ -16	0.17378	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	5786.72	-41.19	≤ -26	0.07603	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	934.53	-50.31	≤ -26	0.00931	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2054.12	-48.68	≤ -26	0.01355	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2392.11	-38.12	≤ -16	0.15417	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.53	-14.49	≤ -16	35.56313	≤ 25	See table below
NTNV	BLE_1M	Ant1	2480	2496.5~13000	2499.13	-33.80	≤ -26	0.41687	≤ 2.5	PASS

Test Result_Step2

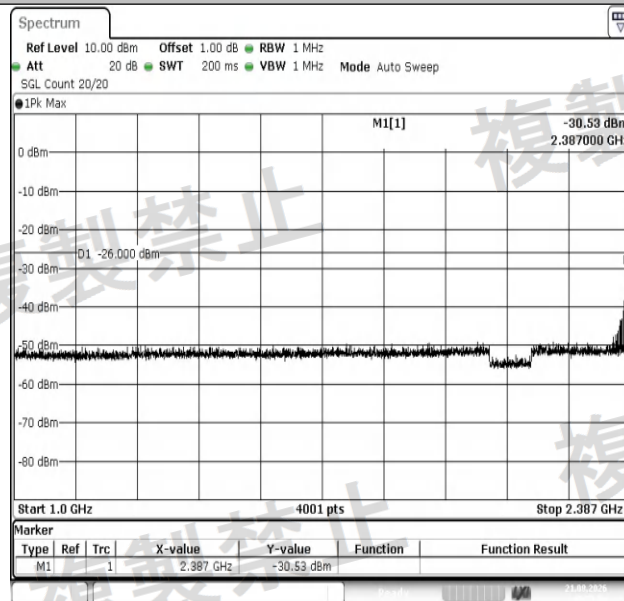
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	2399.99	-36.83	≤ -16	0.20749	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.53	-49.01	≤ -16	0.01256	≤ 25	PASS



Test Graphs

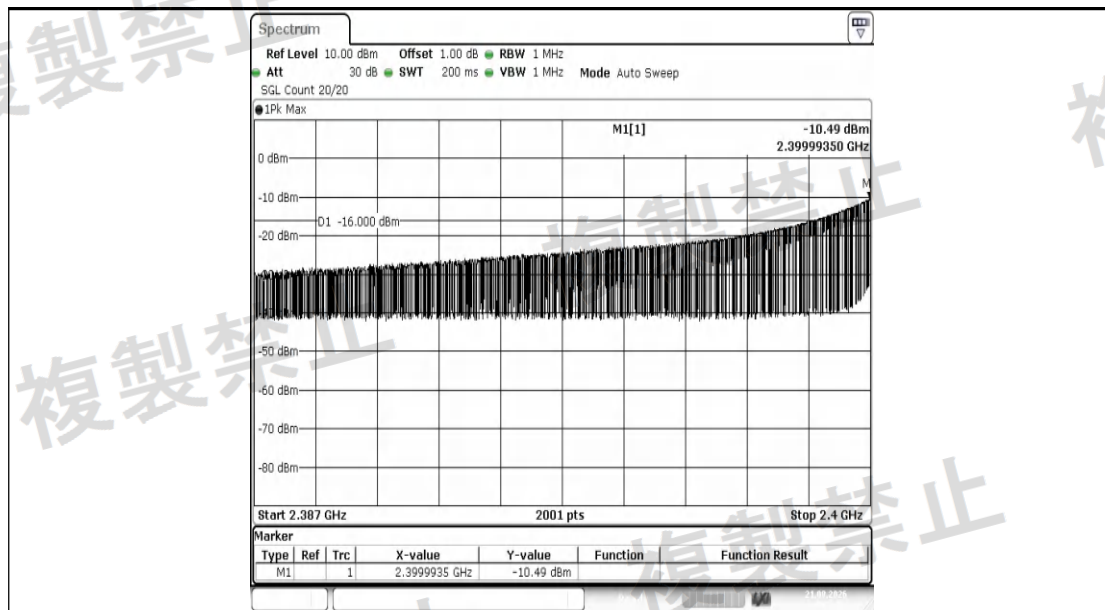


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

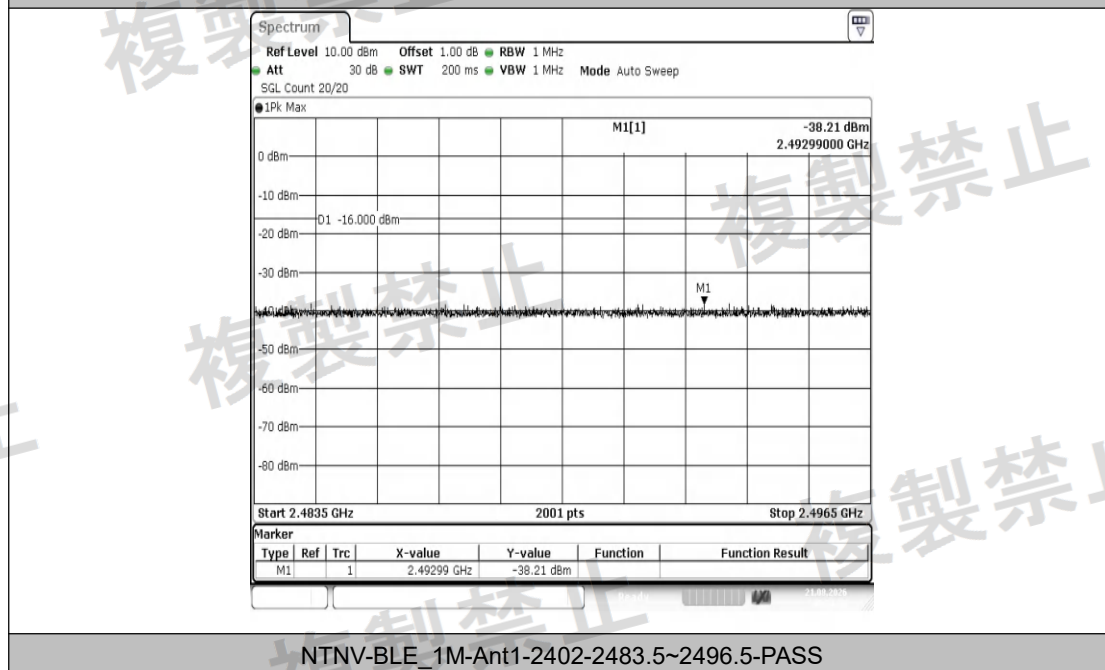


NTNV-BLE_1M-Ant1-2402-1000~2387-PASS



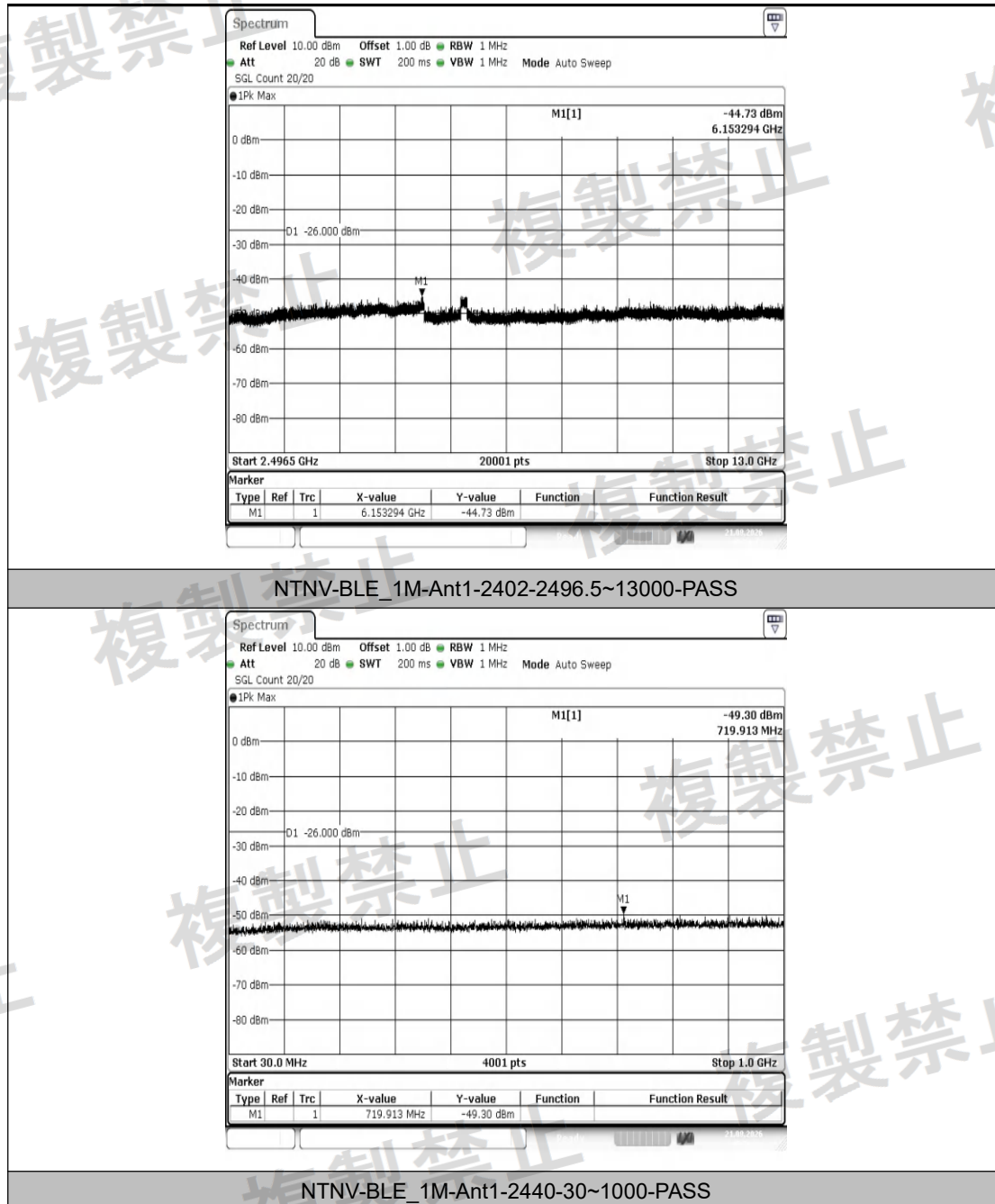


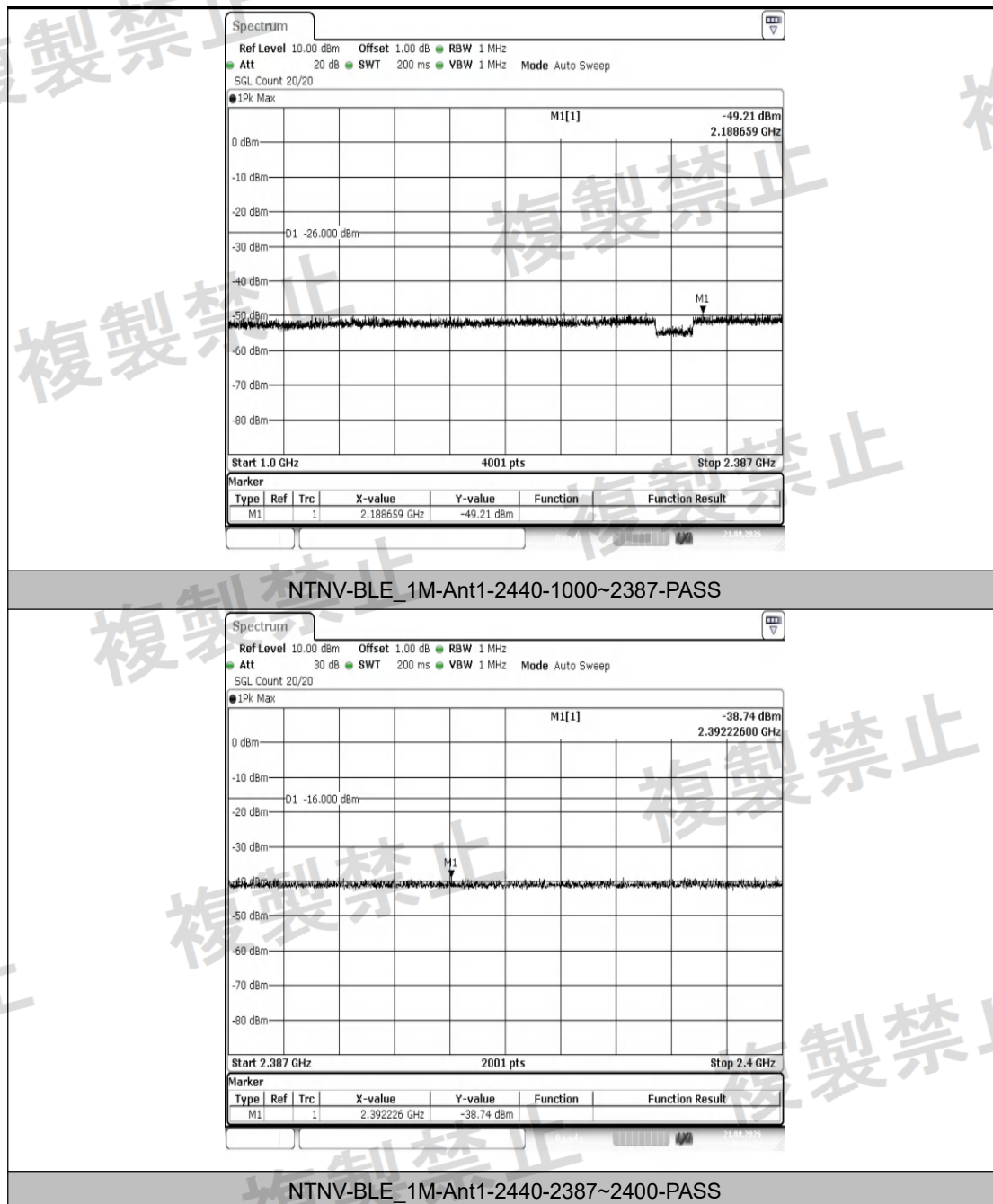
NTNV-BLE_1M-Ant1-2402-2387~2400-See table below

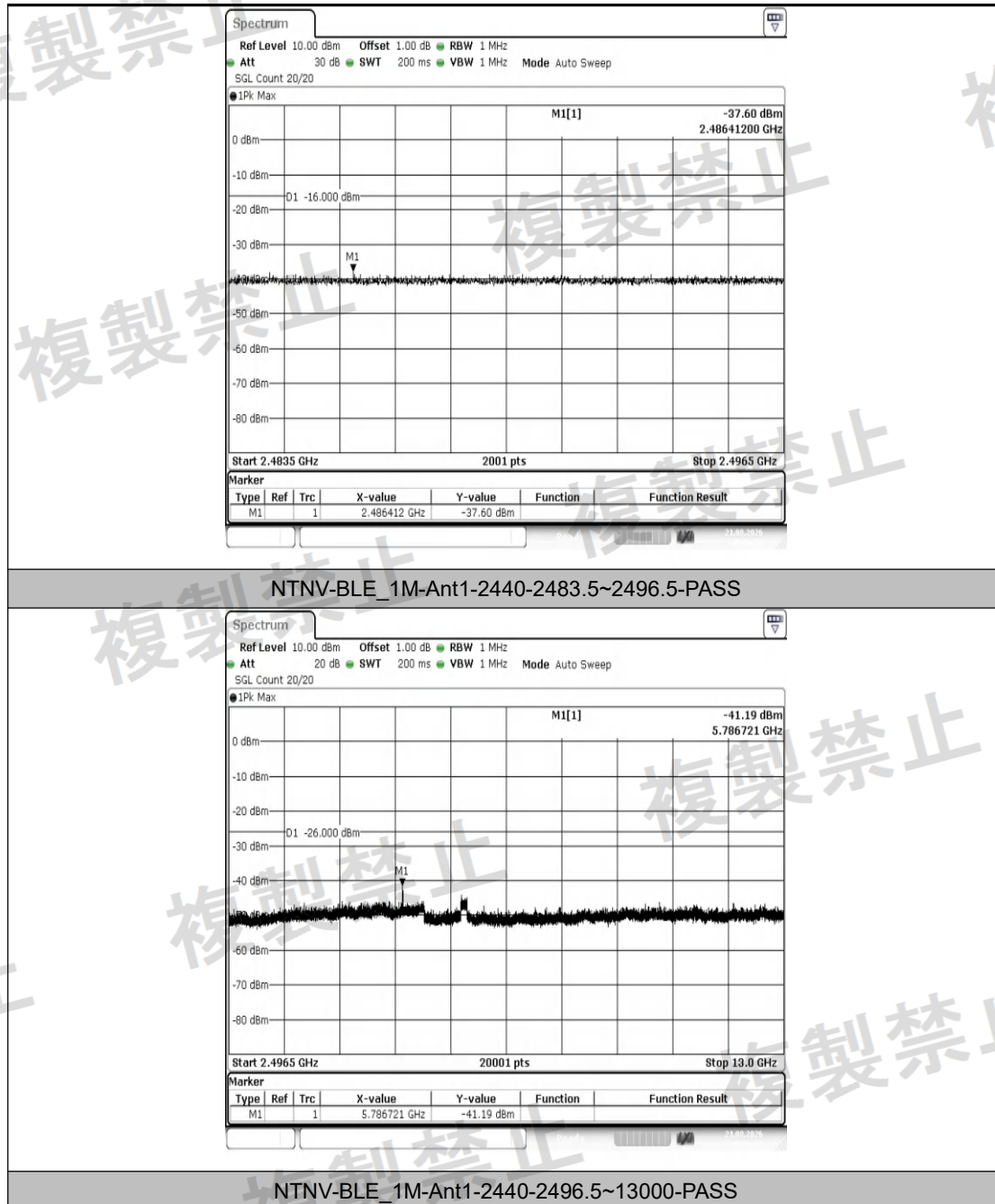


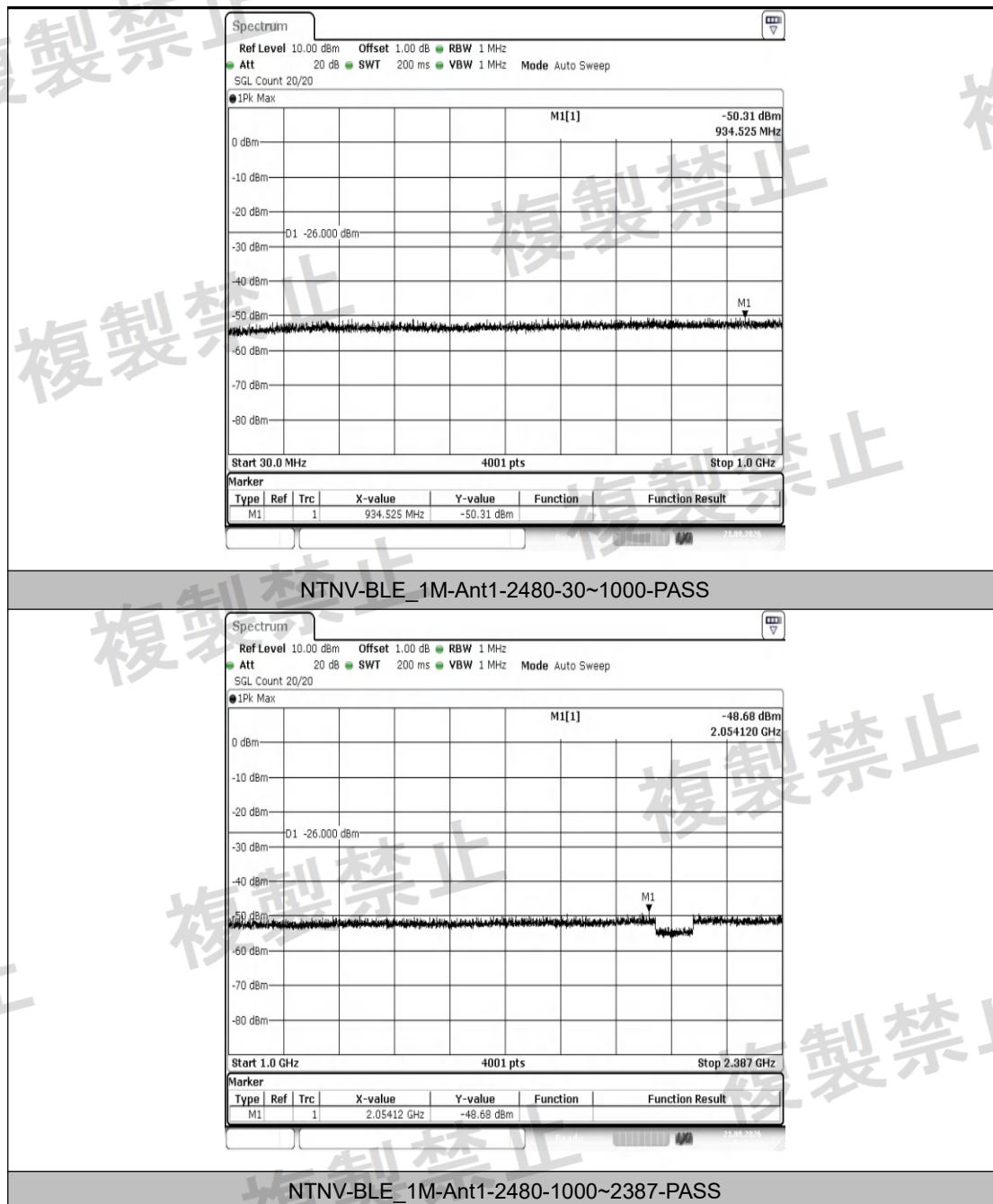
NTNV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS

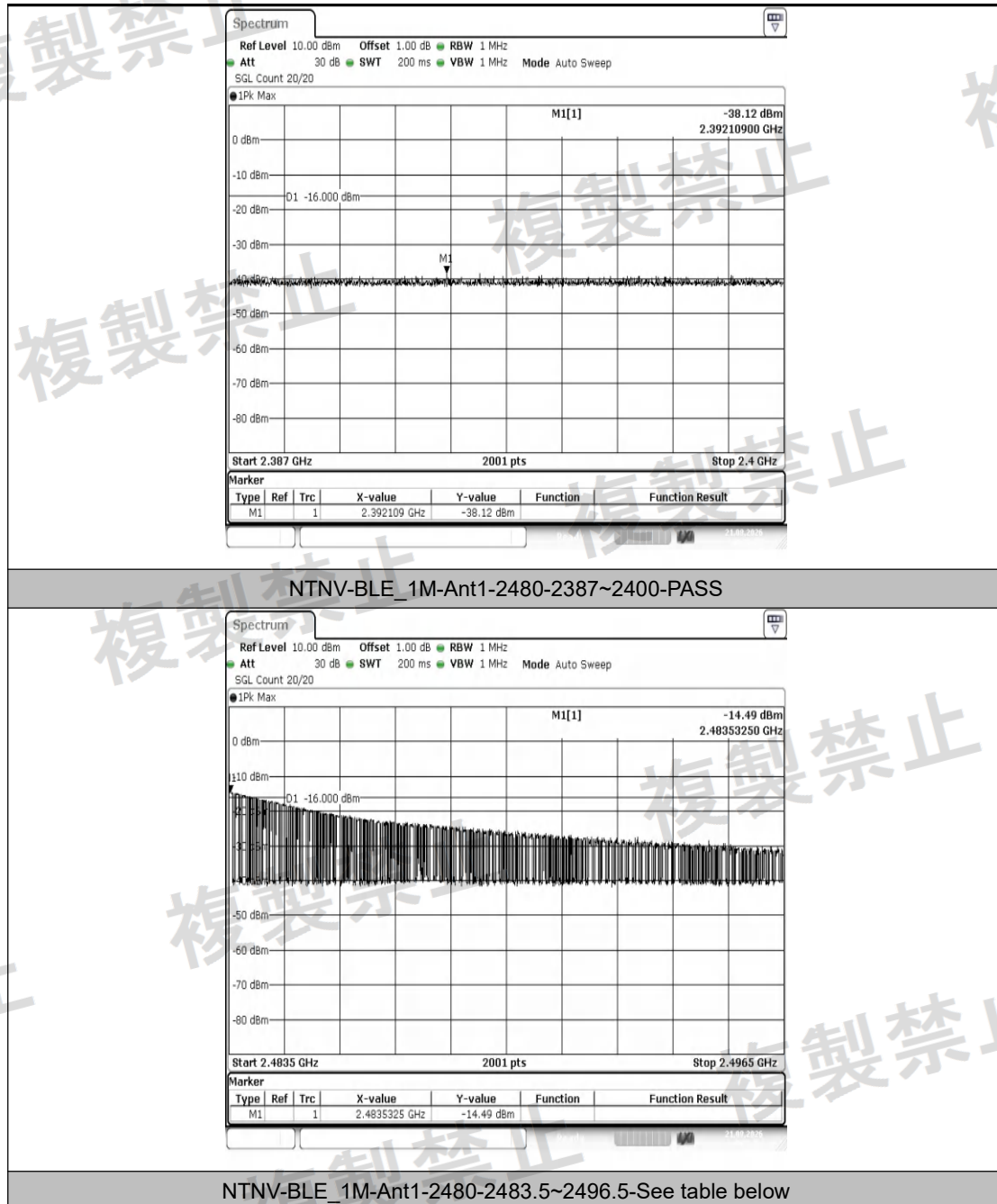


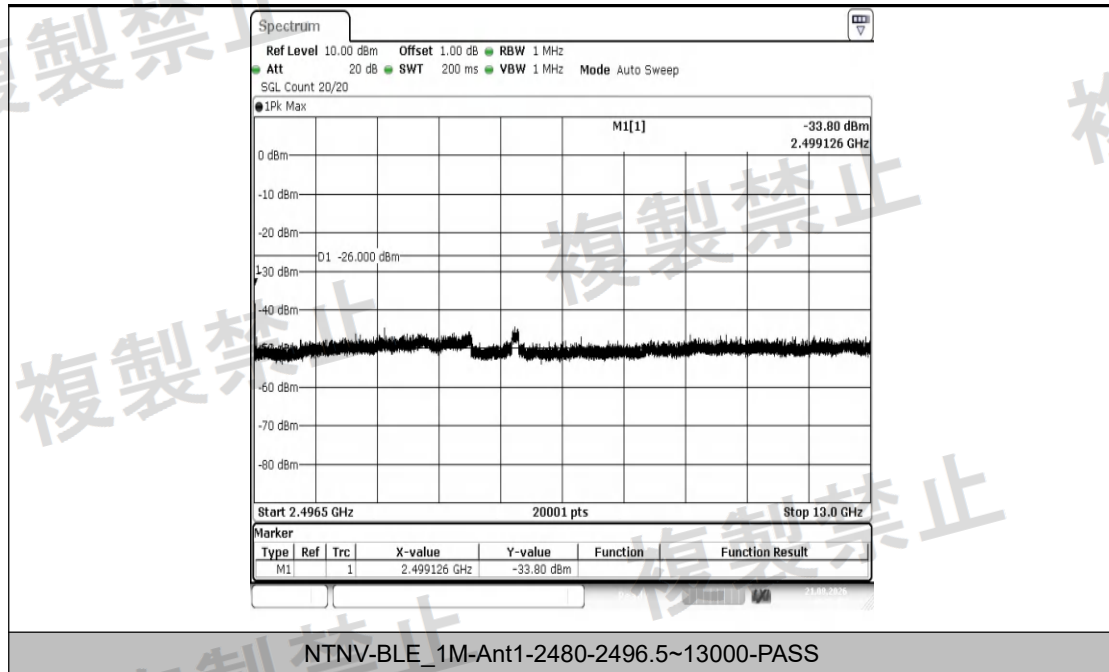




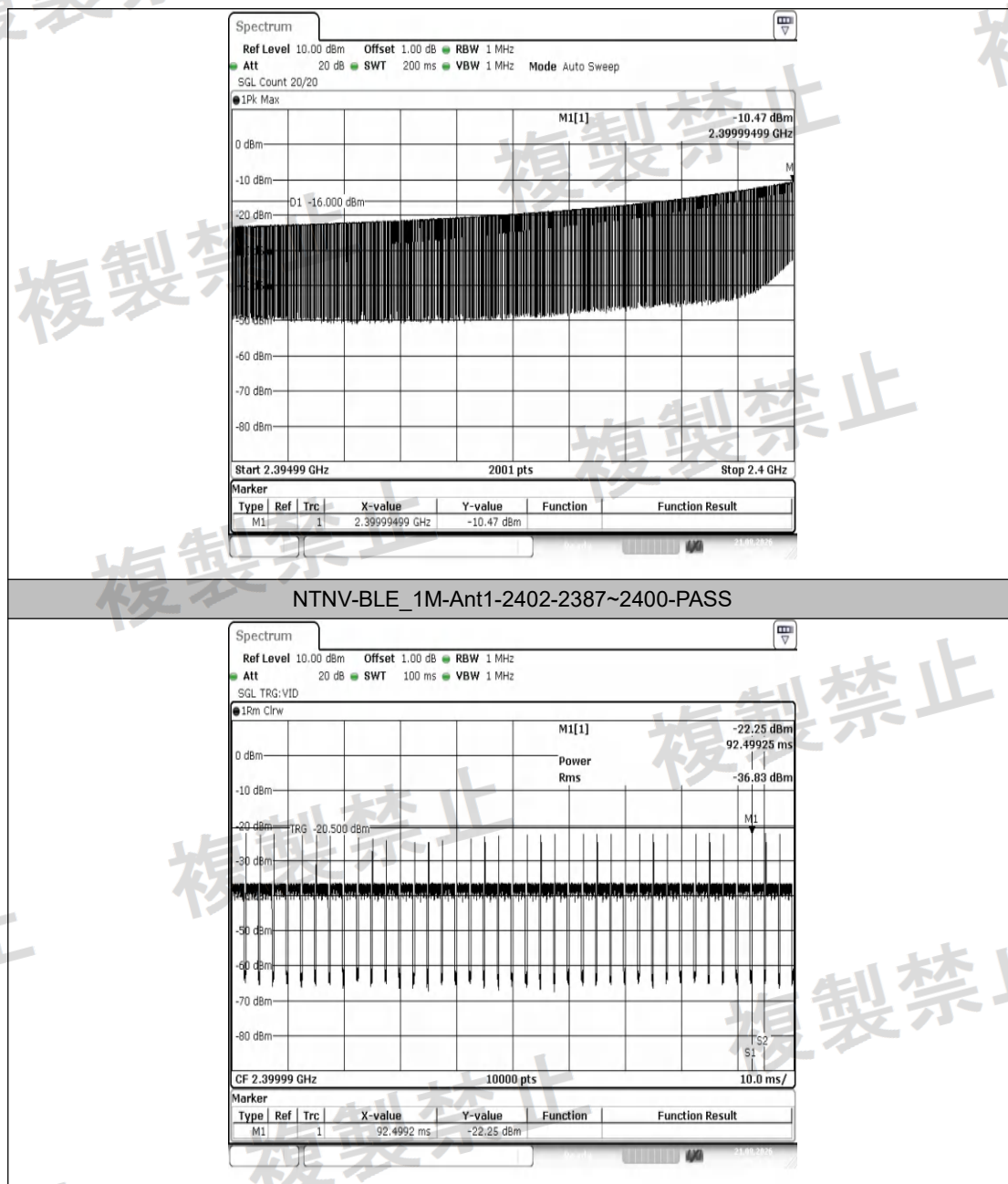


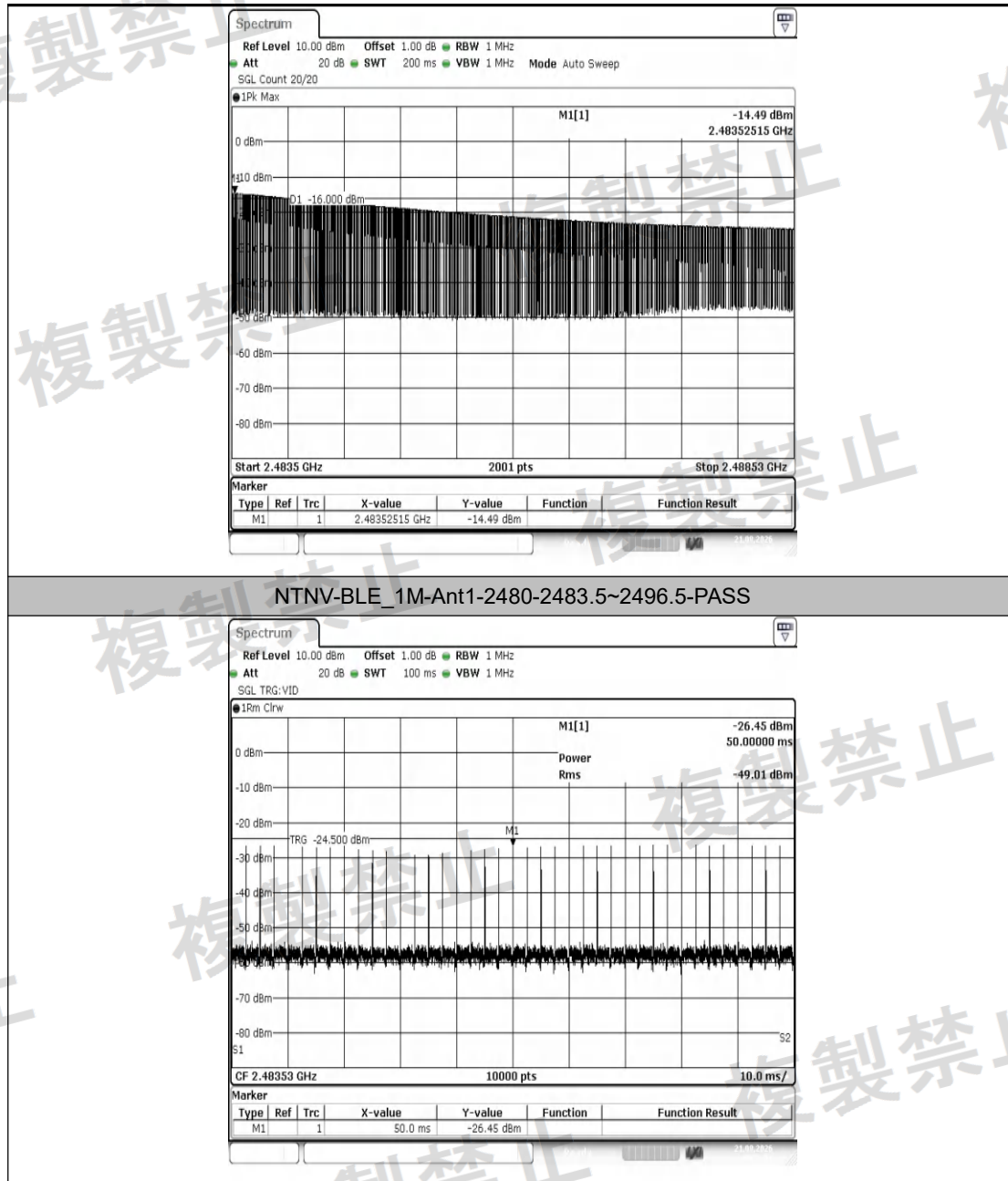






Test Graphs_Step2





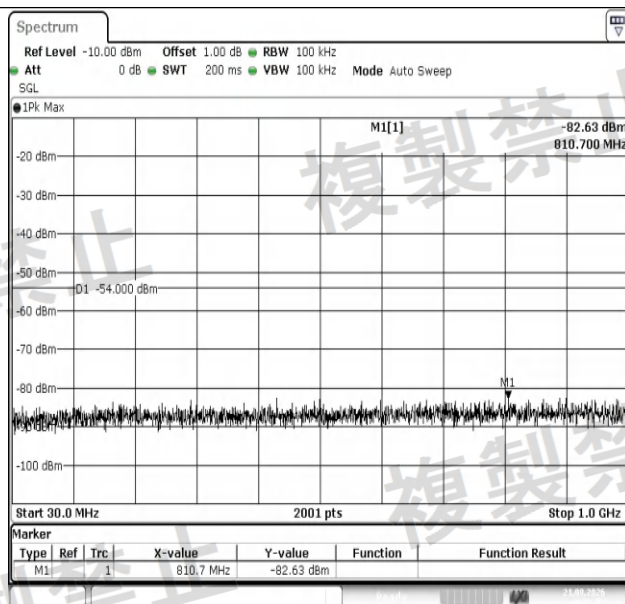
Appendix E: Spurious Emission of RX

Test Result

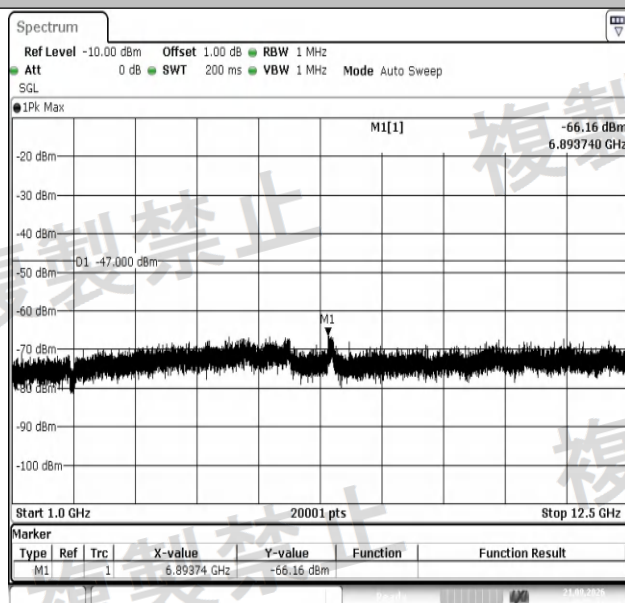
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	810.70	-82.63	≤-54	0.00546	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6893.74	-66.16	≤-47	0.24210	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	641.52	-80.35	≤-54	0.00923	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6929.97	-65.54	≤-47	0.27925	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	766.10	-81.18	≤-54	0.00762	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6925.37	-65.83	≤-47	0.26122	≤20	PASS



Test Graphs

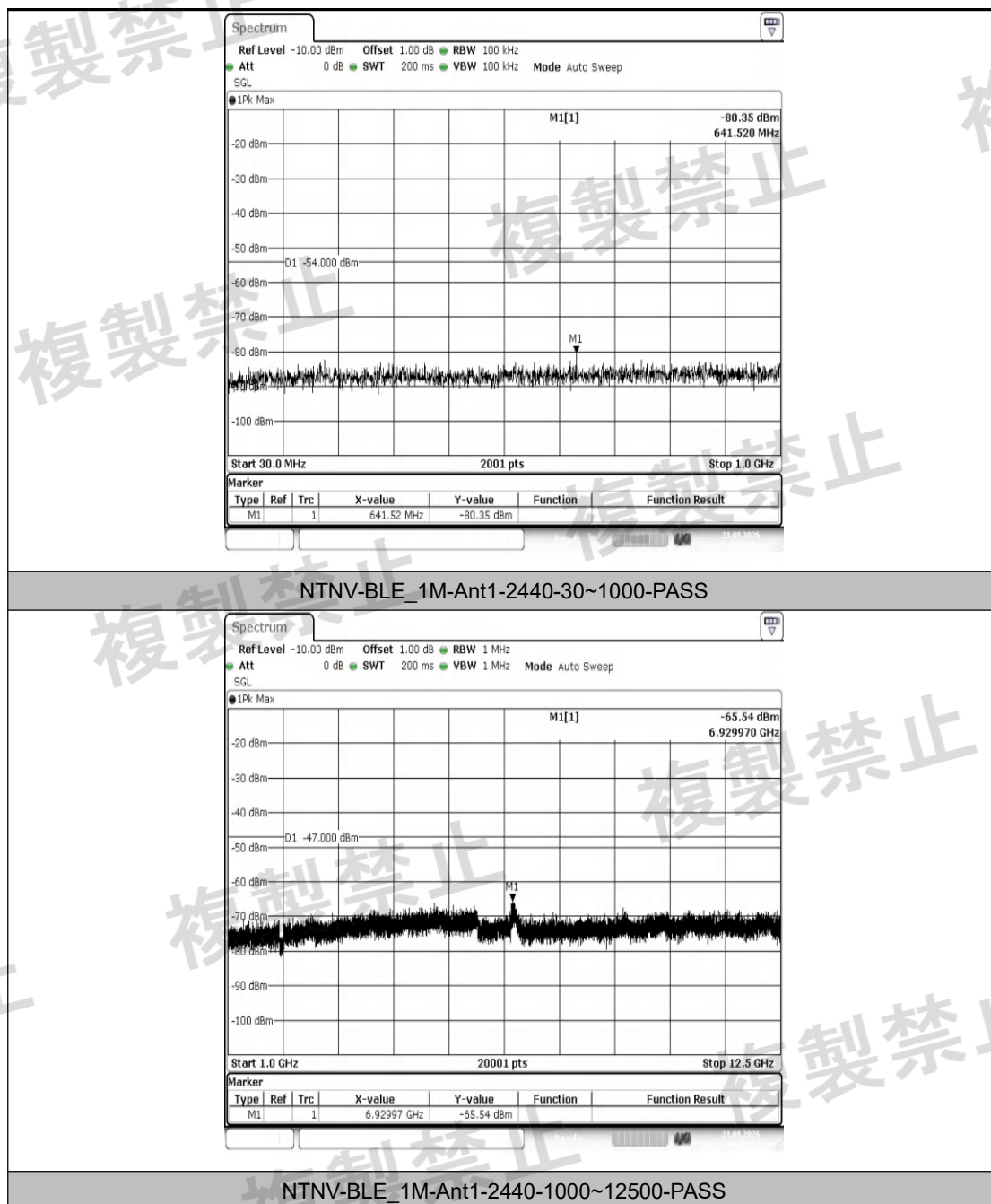


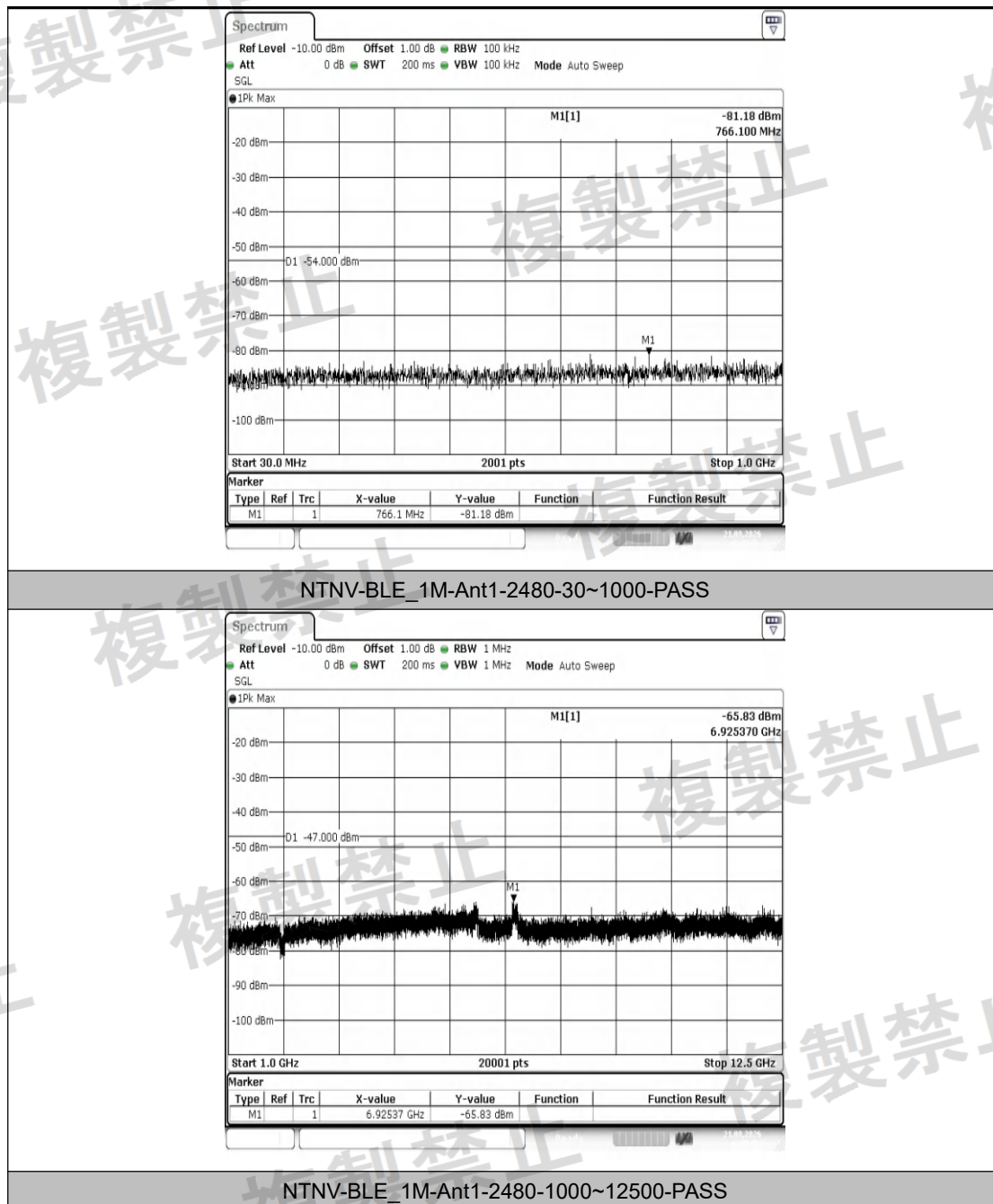
NTNV-BLE_1M-Ant1-2402-30~1000-PASS



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







---End---

