

Appendix Test Data

Report No.:	9819C60001512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-1	Finish Test Date:	2026-5-22
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	54%
Pressure:	101kPa		

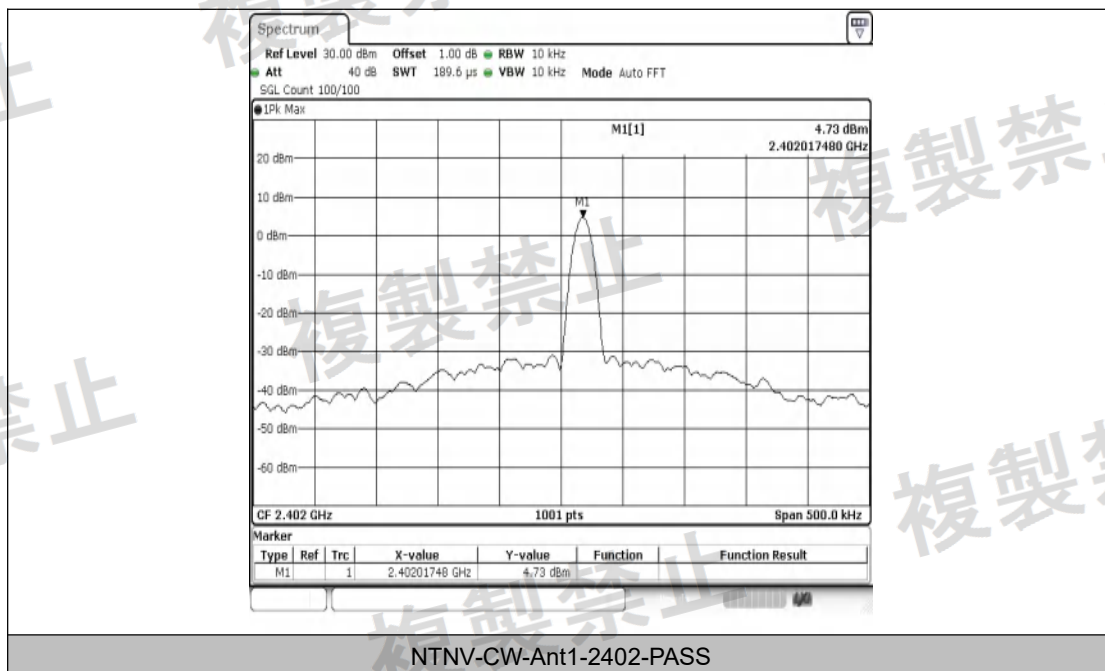
Appendix A: Frequency Error

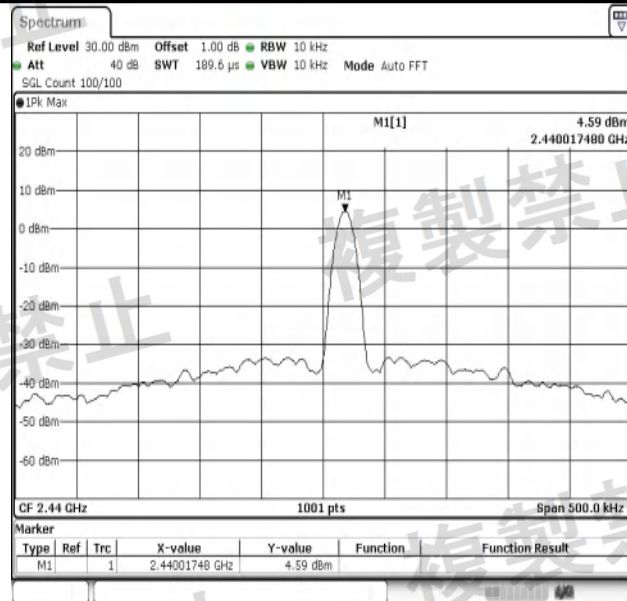
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.01748	7.27727	±50	PASS
NTNV	CW	Ant1	2440	2440.01748	7.16393	±50	PASS
NTNV	CW	Ant1	2480	2480.01798	7.25000	±50	PASS

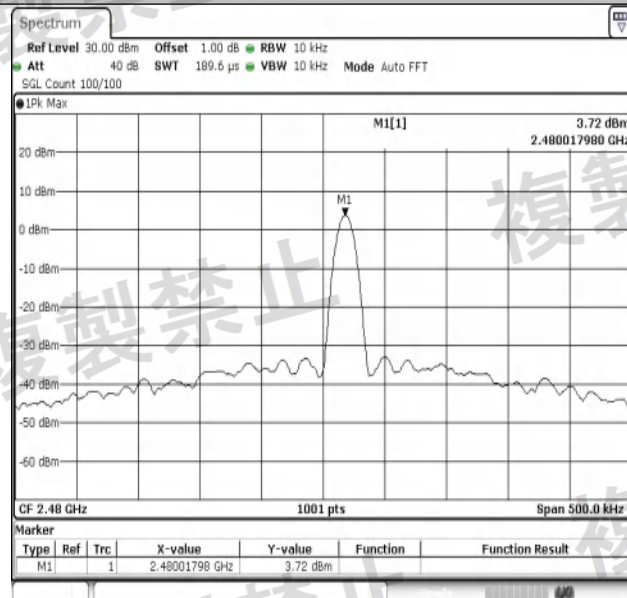
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000

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	0.28	1.0665	≤10	PASS
NTNV	BLE_1M	Ant1	2440	0.29	1.0690	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-0.14	0.9682	≤10	PASS
NTNV	BLE_2M	Ant1	2402	0.30	1.0715	≤10	PASS
NTNV	BLE_2M	Ant1	2440	0.31	1.0739	≤10	PASS
NTNV	BLE_2M	Ant1	2480	-0.17	0.9616	≤10	PASS

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

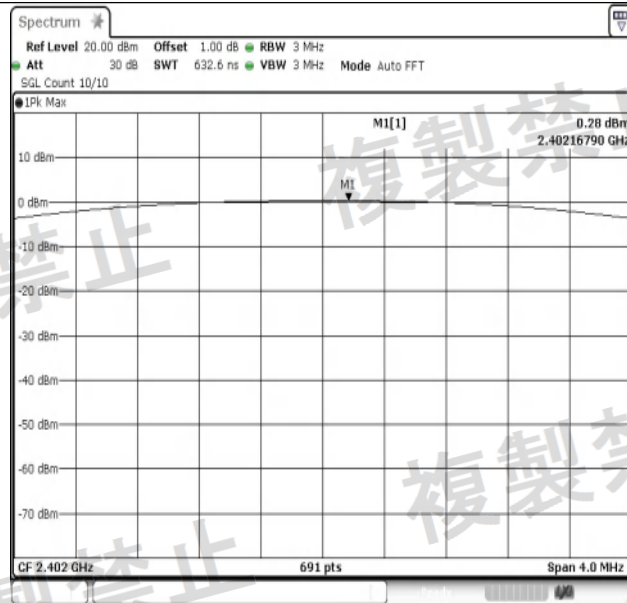
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.0665	1	6.65	+20	PASS
NTNV	BLE_1M	Ant1	2440	1.0690	1	6.90	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.9682	1	-3.18	+20	PASS
NTNV	BLE_2M	Ant1	2402	1.0715	1	7.15	+20	PASS
NTNV	BLE_2M	Ant1	2440	1.0739	1	7.39	+20	PASS
NTNV	BLE_2M	Ant1	2480	0.9616	1	-3.84	+20	PASS

Test Condition	Test Mode	Antenna	Frequen cy[MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	0.28	3.02	3.30	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	0.29	3.02	3.31	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-0.14	3.02	2.88	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	0.30	3.02	3.32	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	0.31	3.02	3.33	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	-0.17	3.02	2.85	≤12.14	PASS

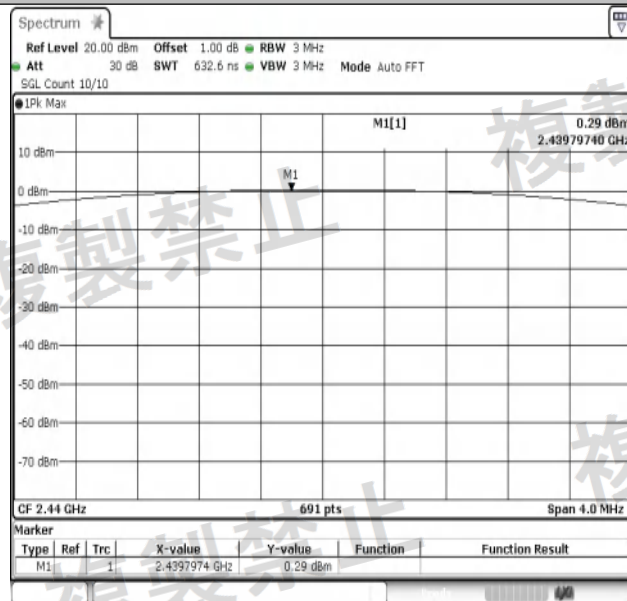
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

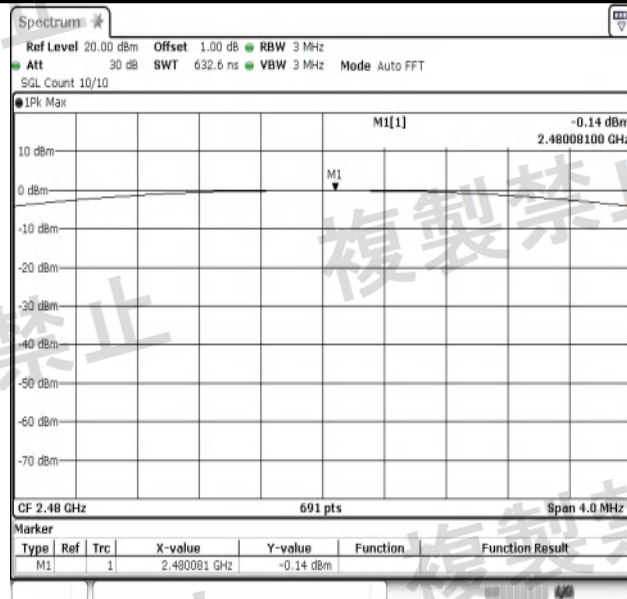


NTNV-BLE_1M-Ant1-2402-PASS

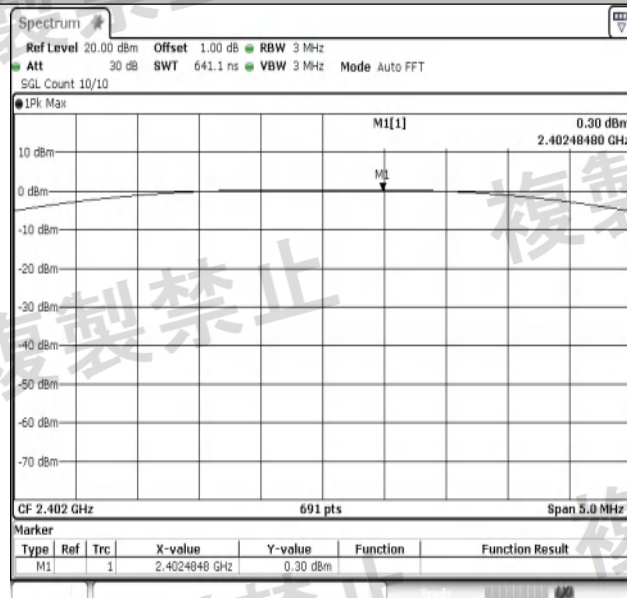


NTNV-BLE_1M-Ant1-2440-PASS



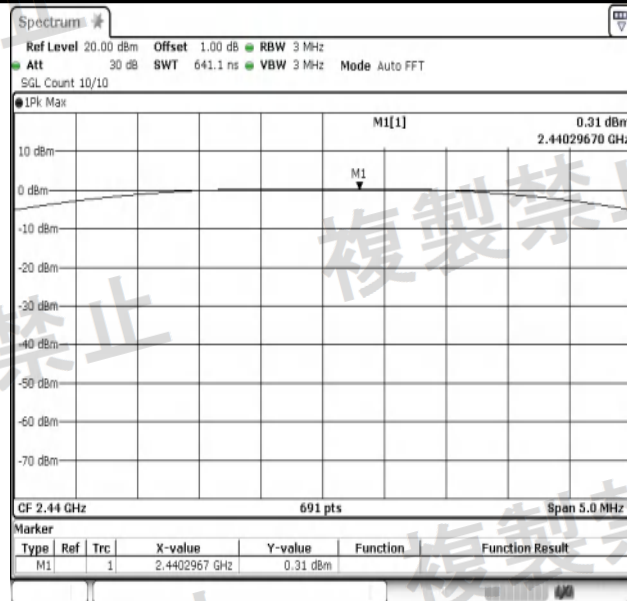


NTNV-BLE_1M-Ant1-2480-PASS

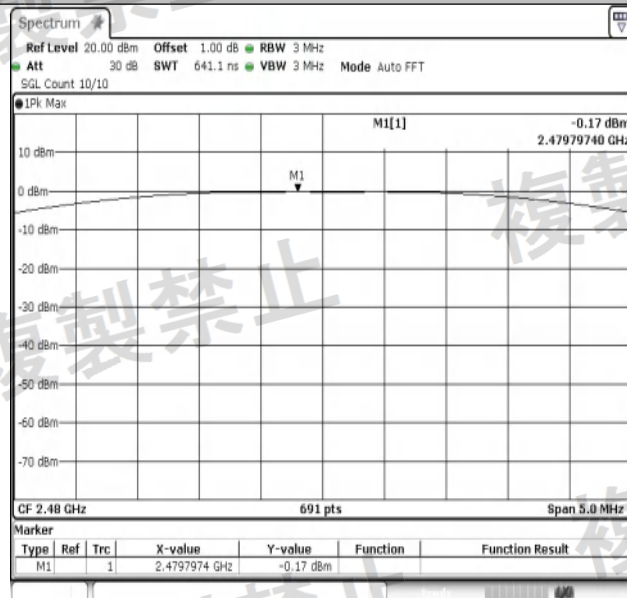


NTNV-BLE_2M-Ant1-2402-PASS





NTNV-BLE_2M-Ant1-2440-PASS



NTNV-BLE_2M-Ant1-2480-PASS



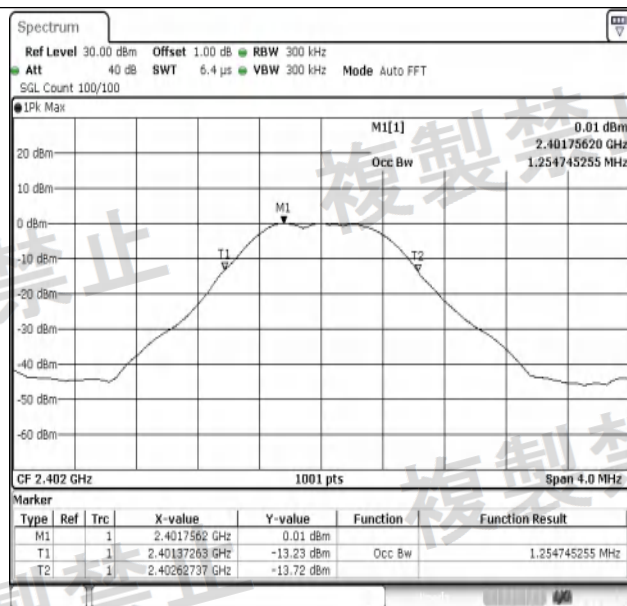
Appendix C: Occupied Bandwidth

Test Result

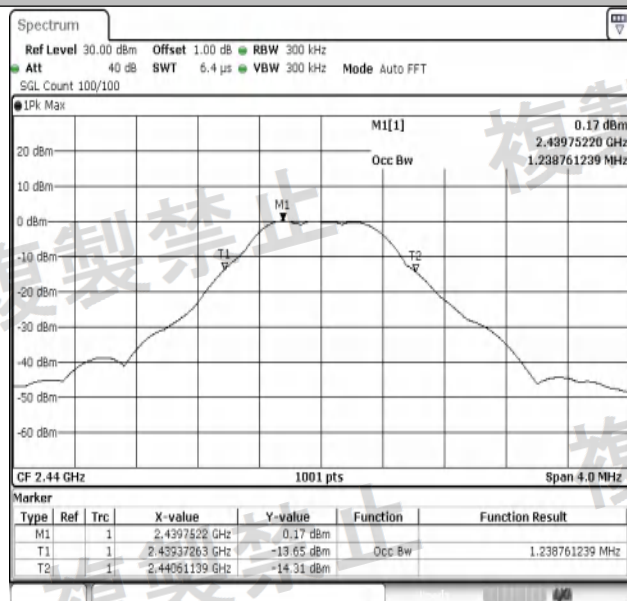
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.255	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.239	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.215	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.190	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.182	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.186	≤26	PASS



Test Graphs

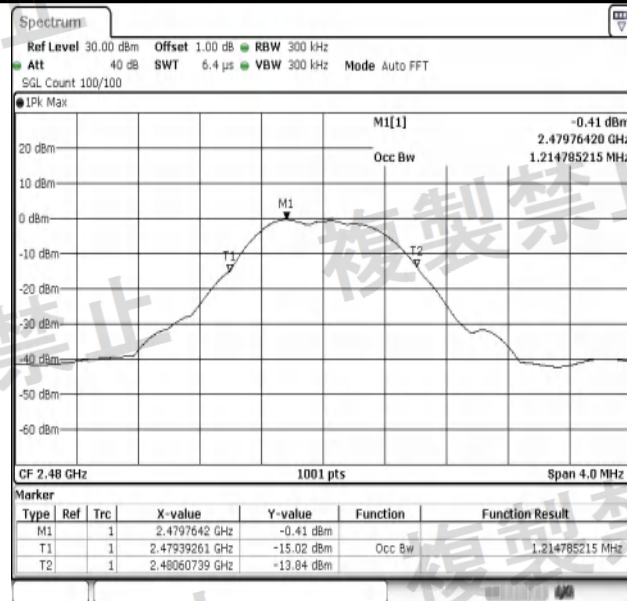


NTNV-BLE_1M-Ant1-2402-PASS

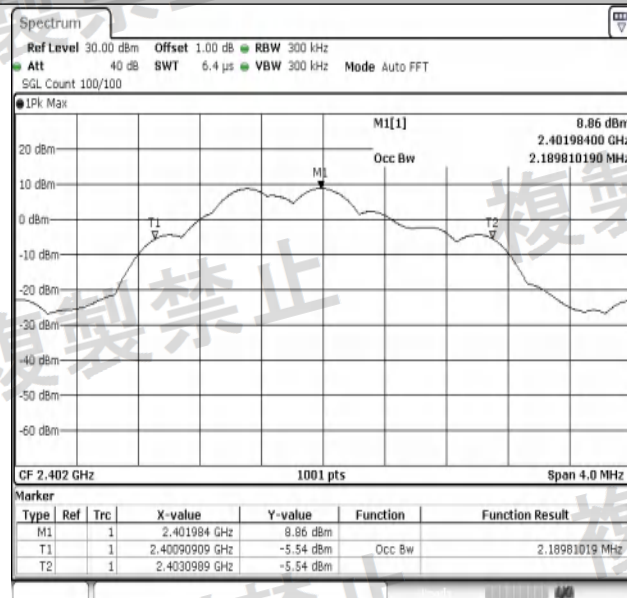


NTNV-BLE_1M-Ant1-2440-PASS



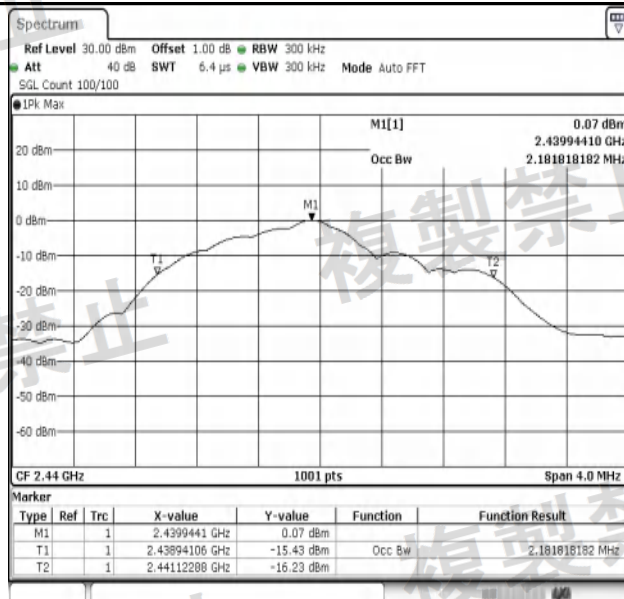


NTNV-BLE_1M-Ant1-2480-PASS

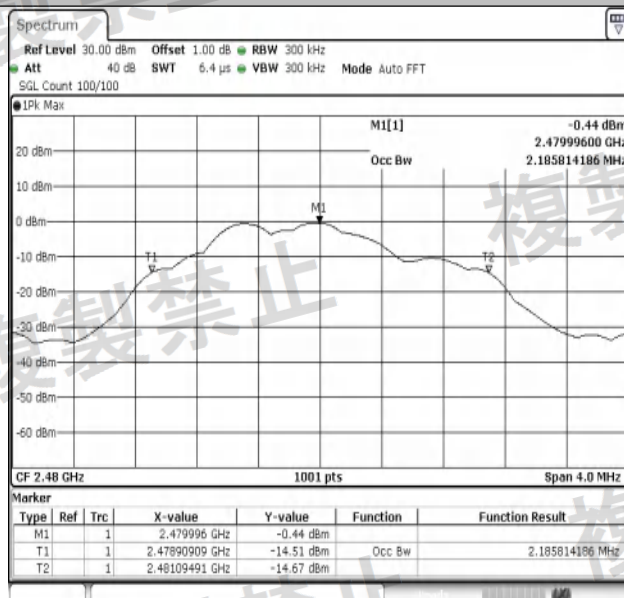


NTNV-BLE_2M-Ant1-2402-PASS





NTNV-BLE_2M-Ant1-2440-PASS



NTNV-BLE_2M-Ant1-2480-PASS



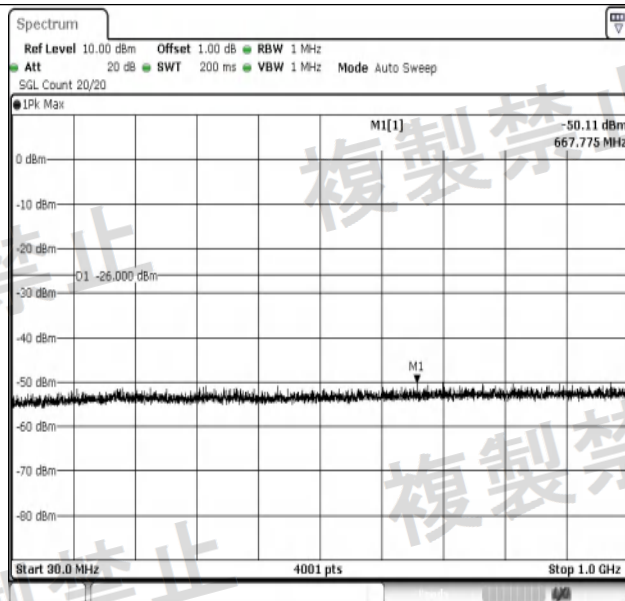
Appendix D: Spurious Emission of TX

Test Result

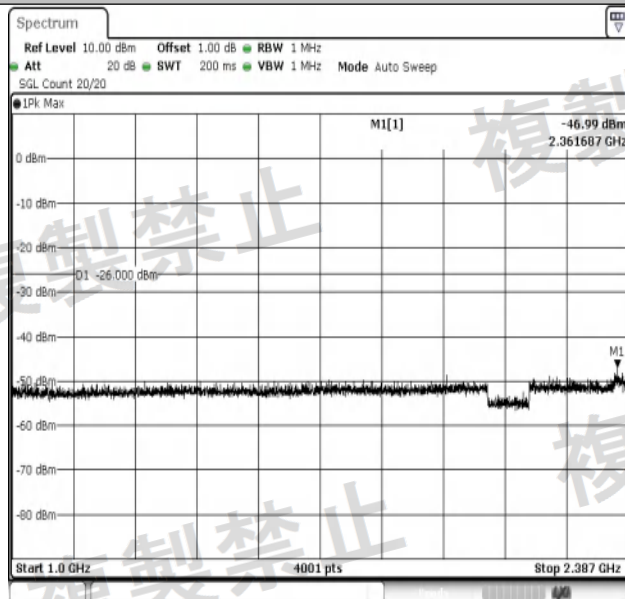
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	667.78	-50.11	≤ -26	0.00975	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2361.69	-46.99	≤ -26	0.02000	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.99	-28.03	≤ -16	1.57398	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2495.75	-37.40	≤ -16	0.18197	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	4803.59	-40.38	≤ -26	0.09162	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	670.20	-50.08	≤ -26	0.00982	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2247.95	-47.13	≤ -26	0.01936	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2399.67	-38.82	≤ -16	0.13122	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2485.38	-37.98	≤ -16	0.15922	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	4879.74	-41.35	≤ -26	0.07328	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	215.27	-50.51	≤ -26	0.00889	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	1898.43	-33.12	≤ -26	0.48753	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2392.93	-38.77	≤ -16	0.13274	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.56	-35.30	≤ -16	0.29512	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	5216.91	-38.22	≤ -26	0.15066	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	798.97	-50.07	≤ -26	0.00984	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	2372.09	-47.30	≤ -26	0.01862	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2402	2387~2400	2400.00	-21.56	≤ -16	6.98232	≤ 25	PASS
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2488.50	-38.36	≤ -16	0.14588	≤ 25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	4804.12	-40.09	≤ -26	0.09795	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	760.90	-50.21	≤ -26	0.00953	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	2248.99	-47.85	≤ -26	0.01641	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2396.97	-38.52	≤ -16	0.14060	≤ 25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2489.17	-38.14	≤ -16	0.15346	≤ 25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	4880.27	-41.44	≤ -26	0.07178	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	723.79	-34.71	≤ -26	0.33806	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2287.83	-46.03	≤ -26	0.02495	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2387.99	-38.78	≤ -16	0.13243	≤ 25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2485.37	-35.02	≤ -16	0.31477	≤ 25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	5185.92	-40.55	≤ -26	0.08810	≤ 2.5	PASS



Test Graphs

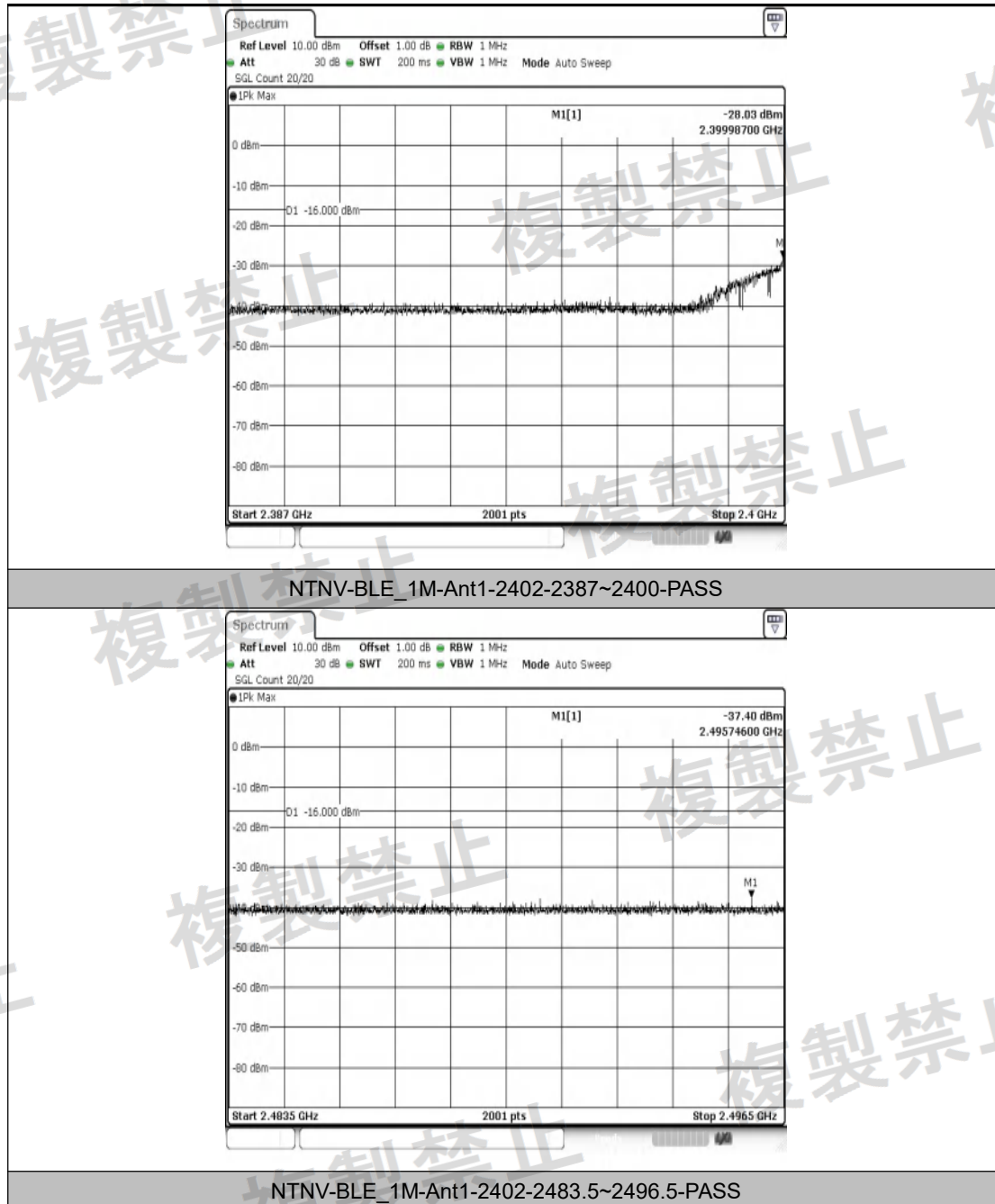


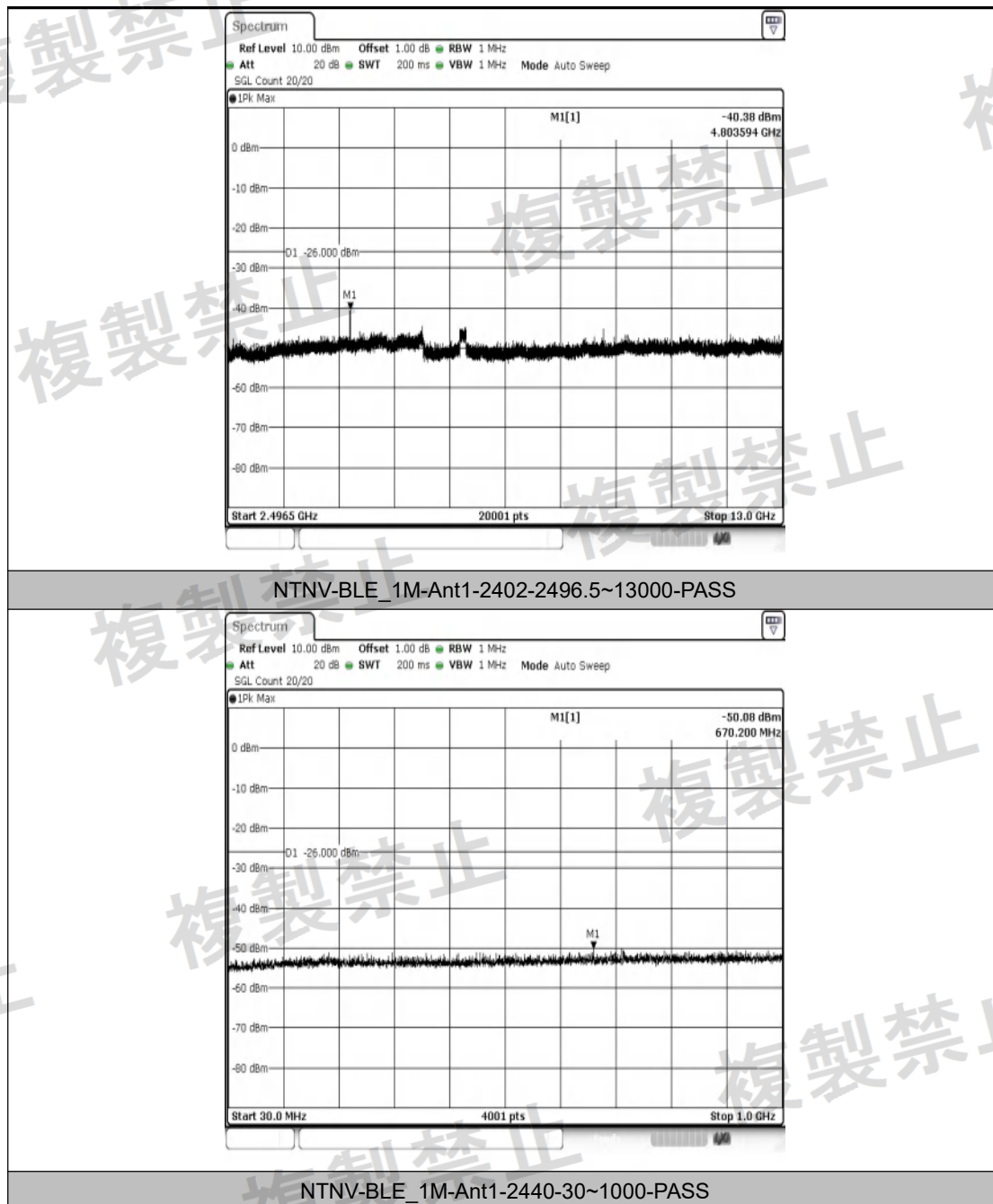
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

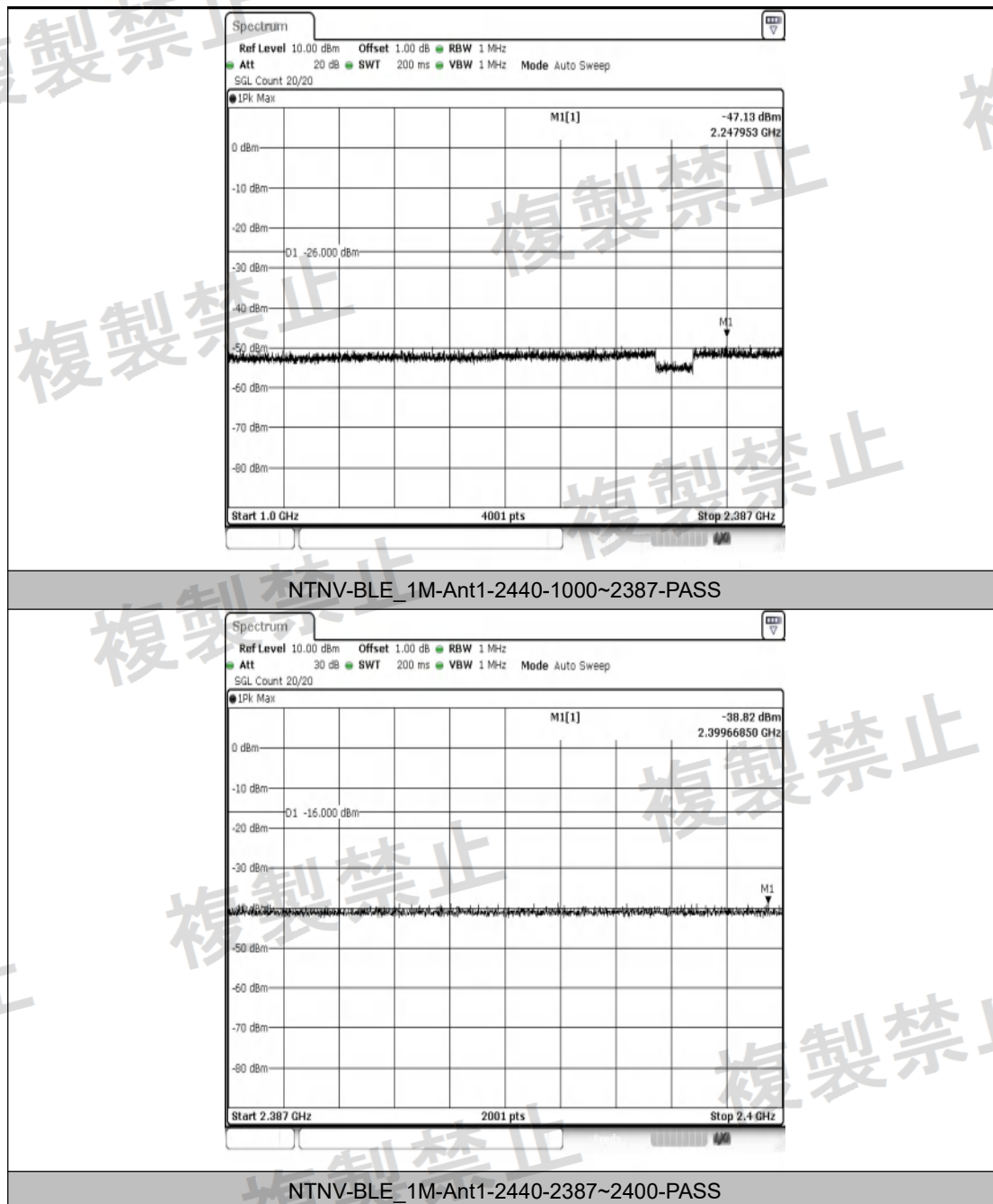


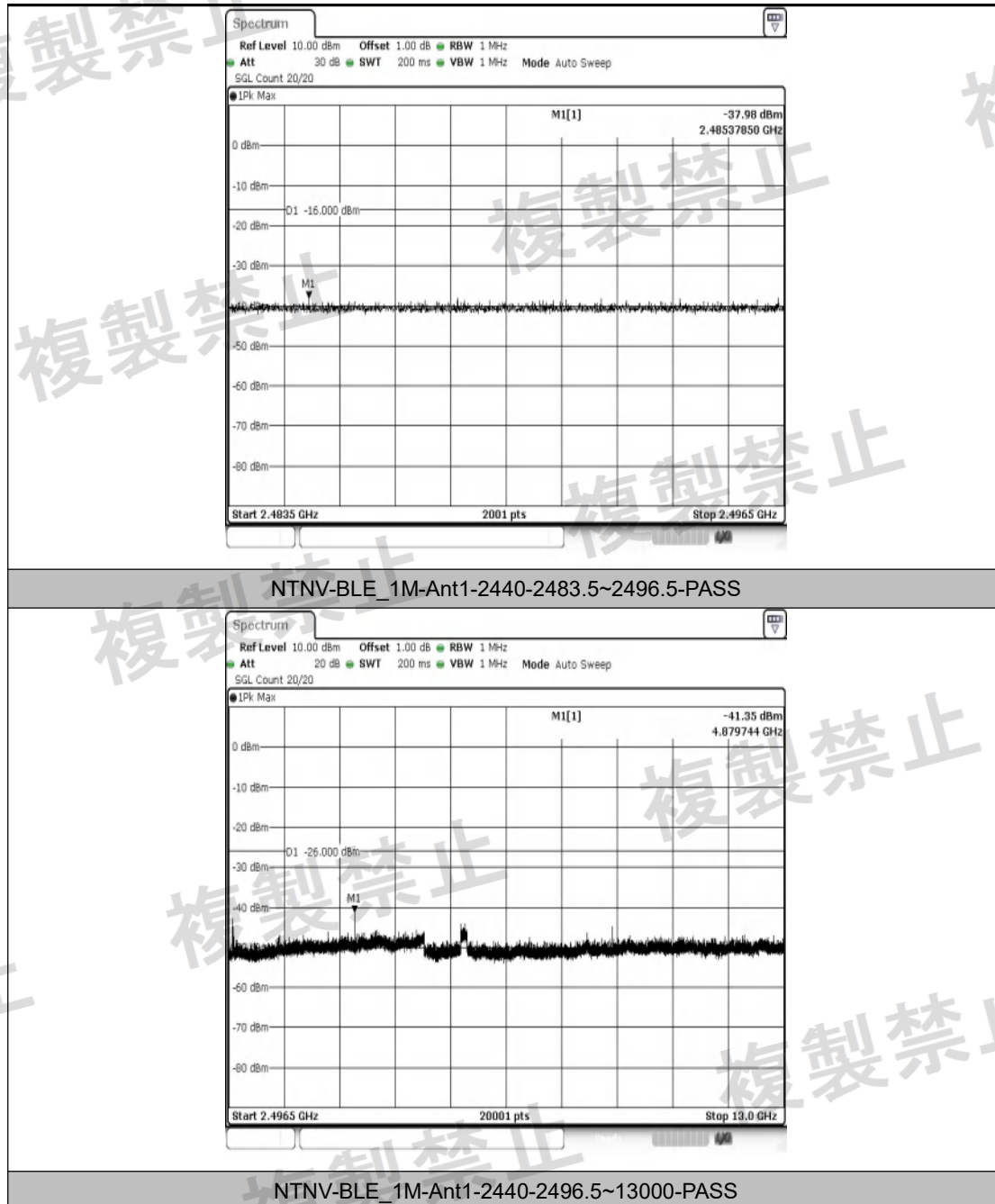
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

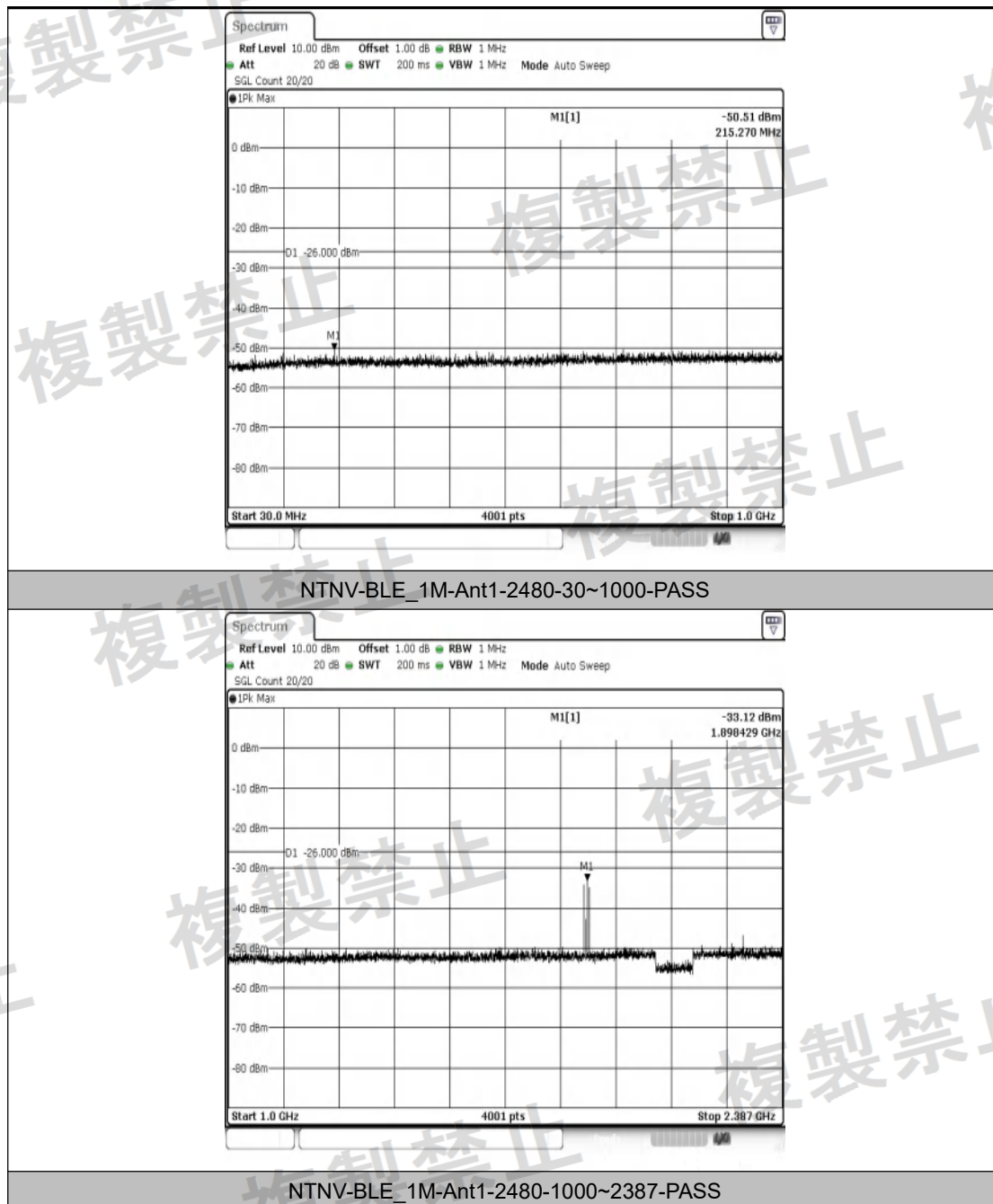


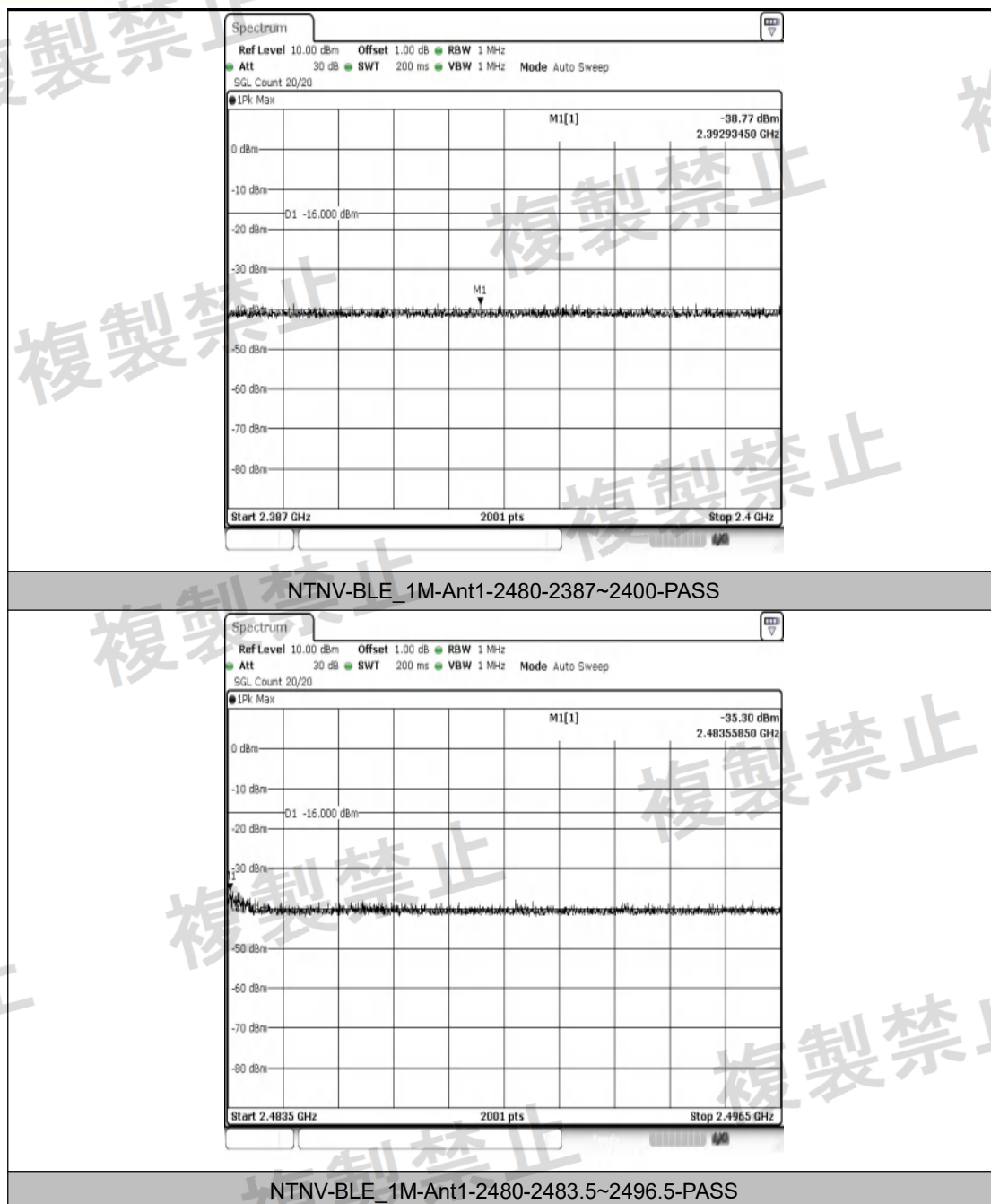


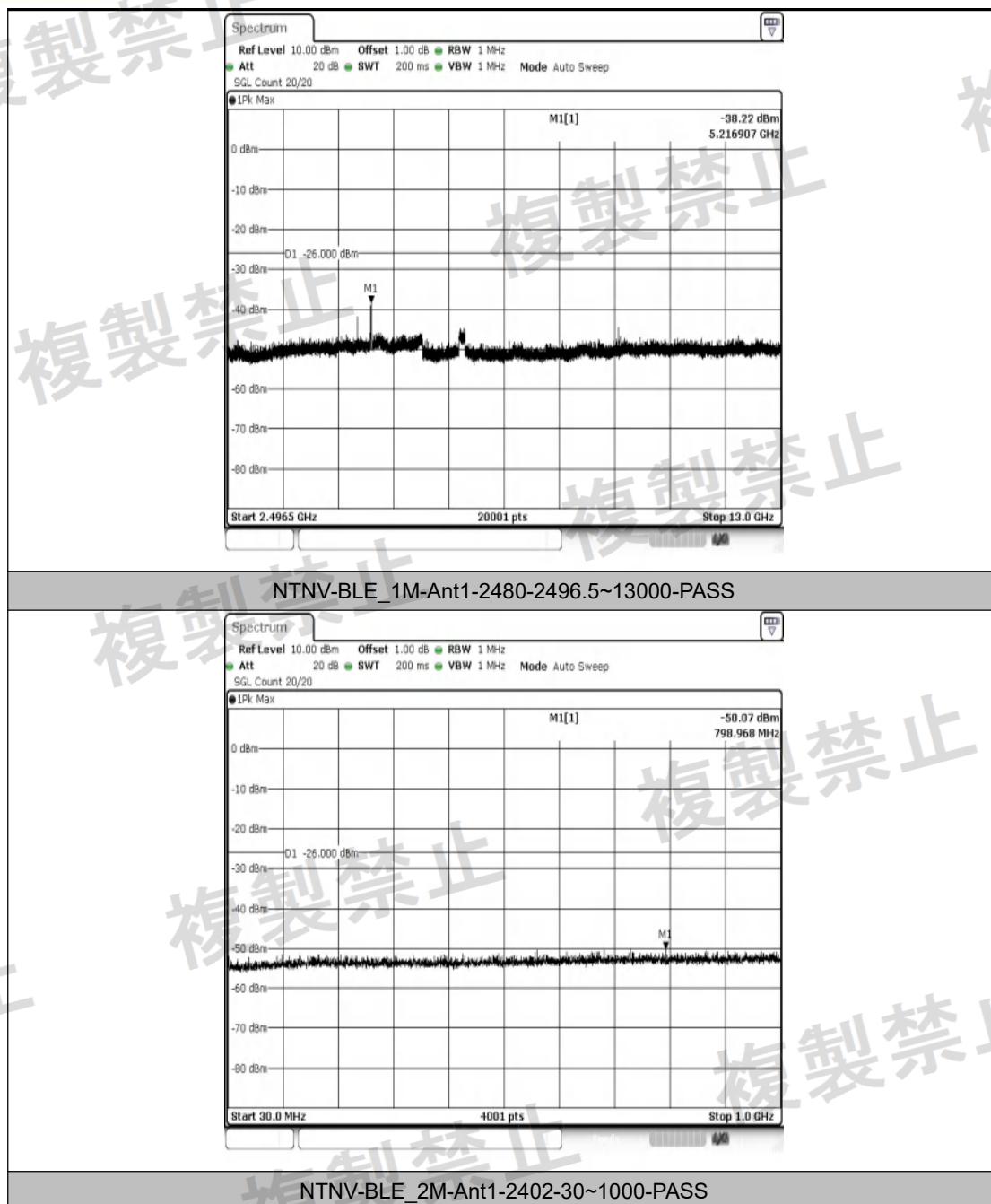


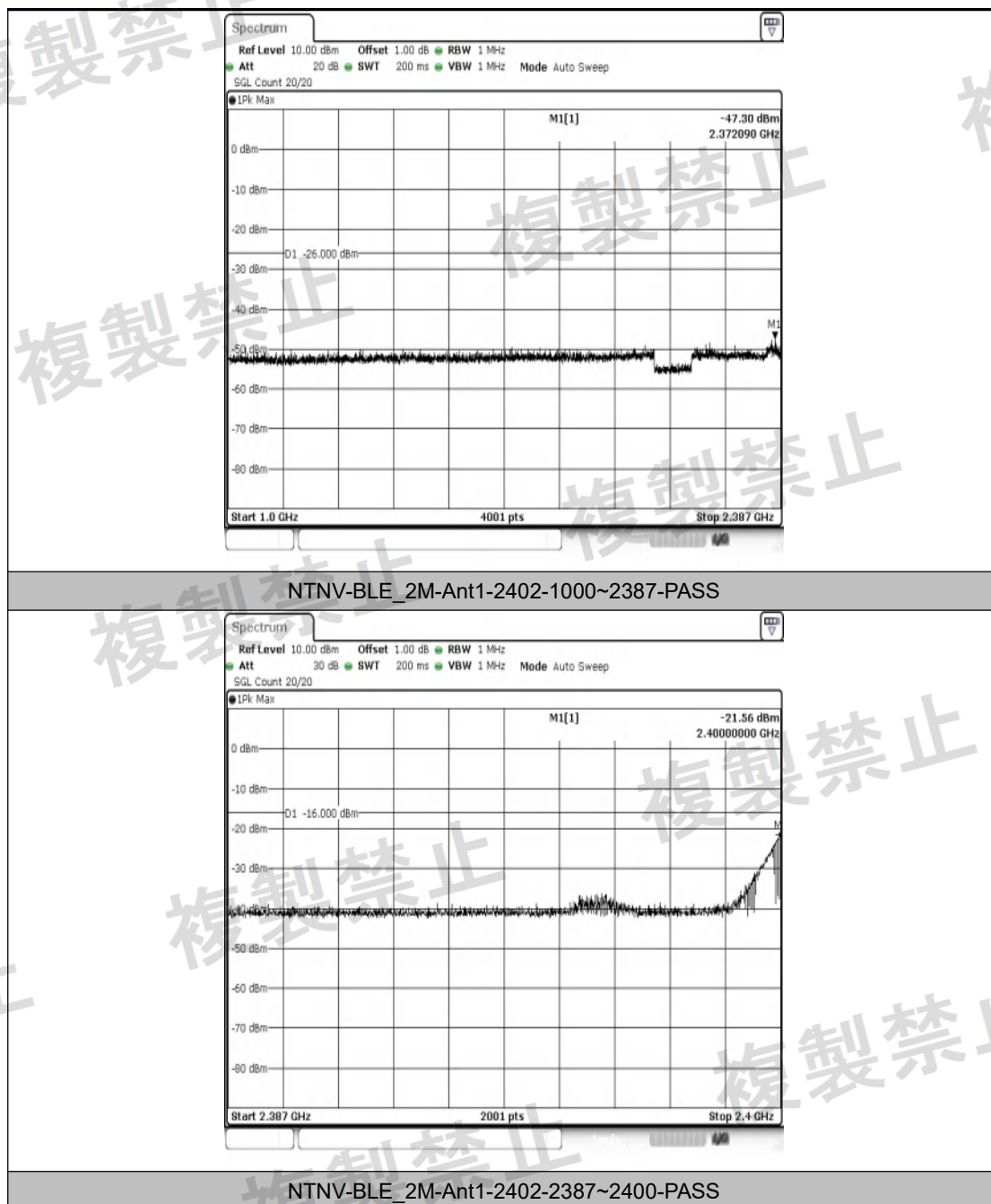


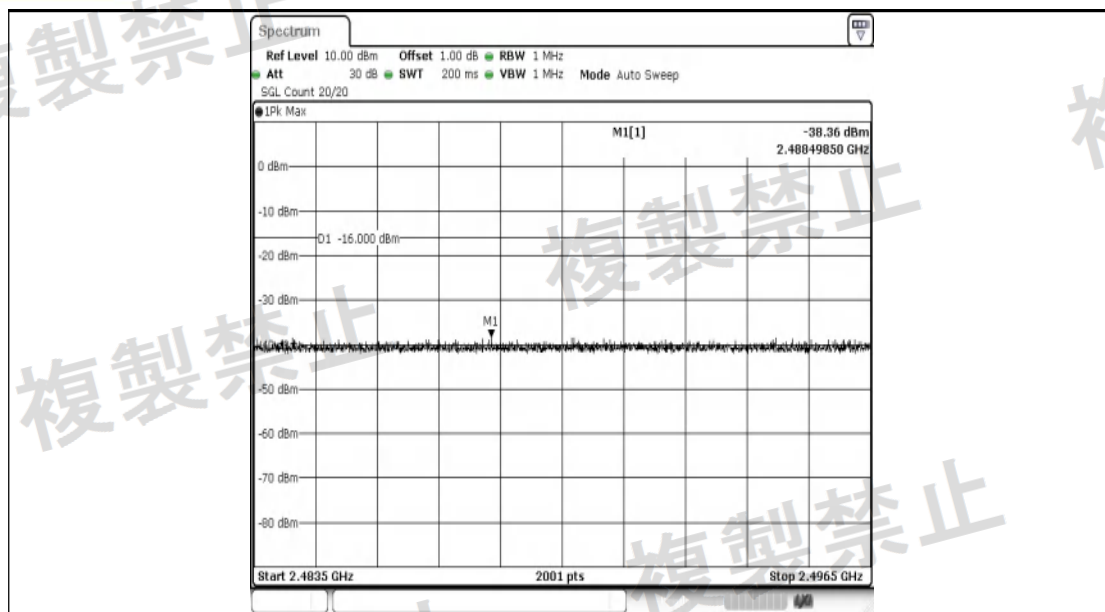




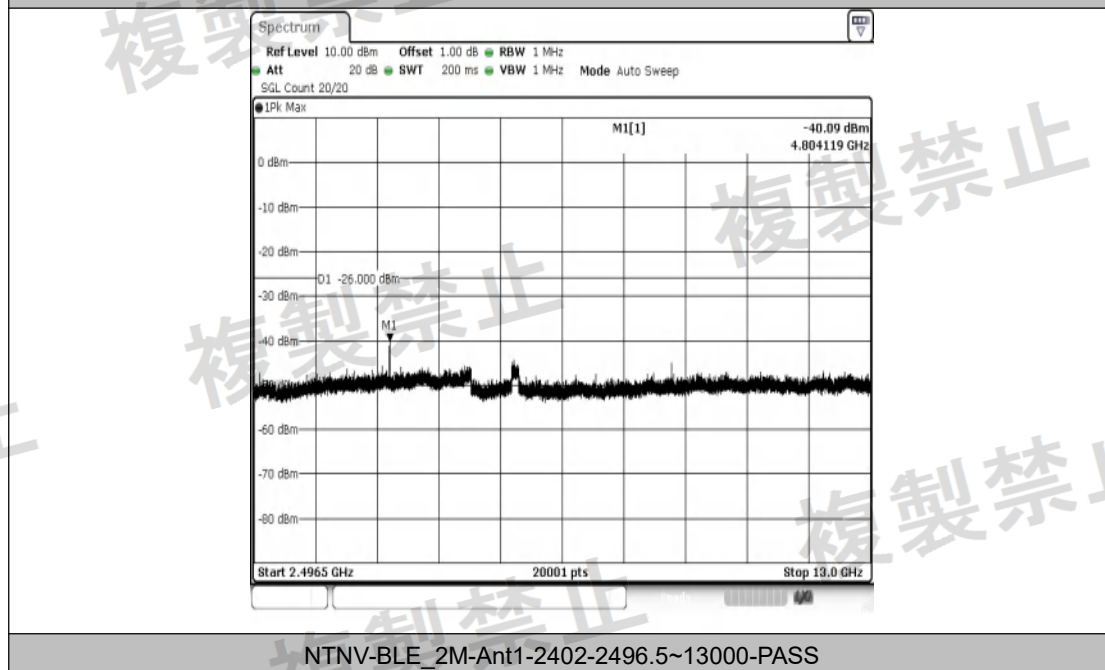






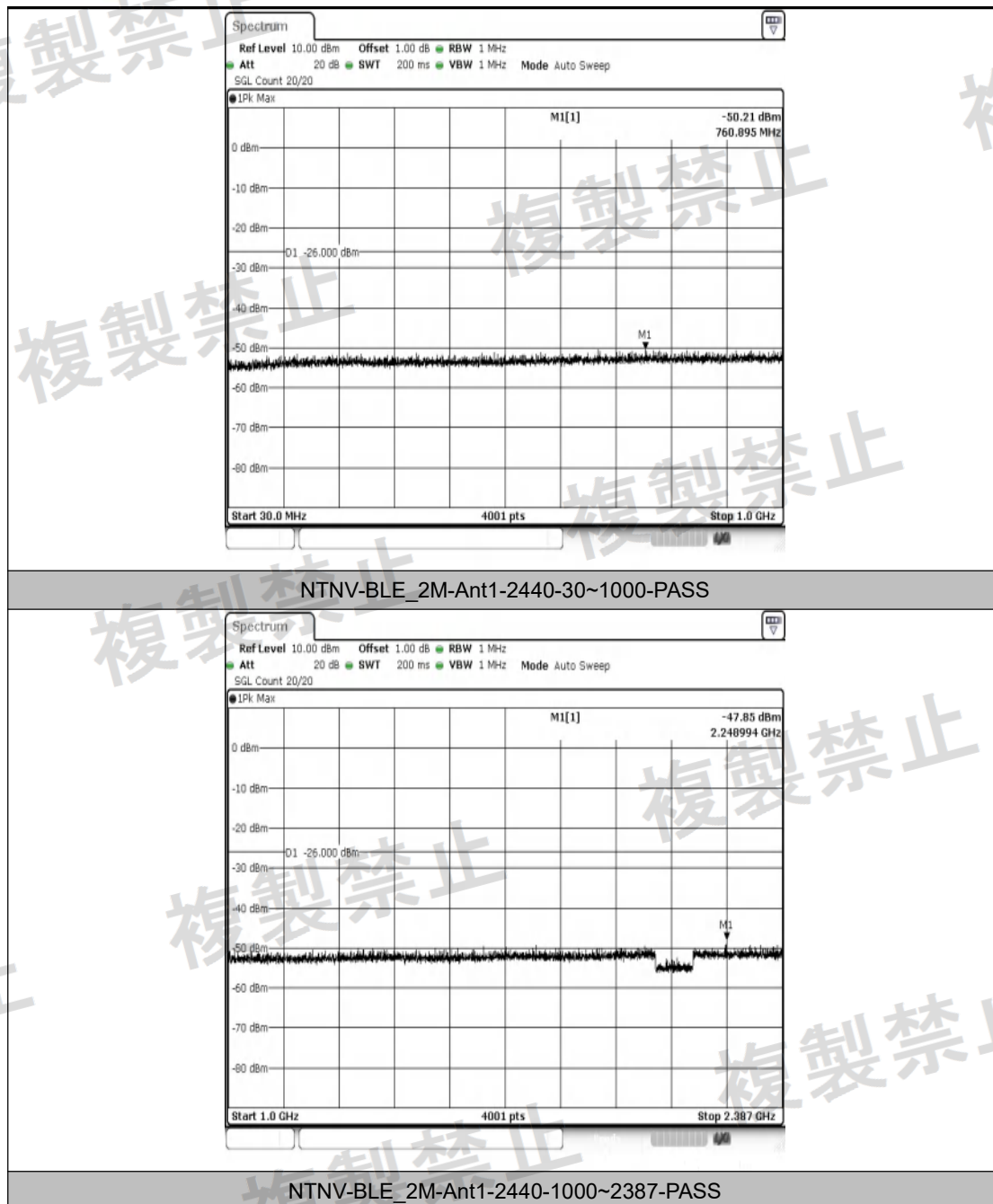


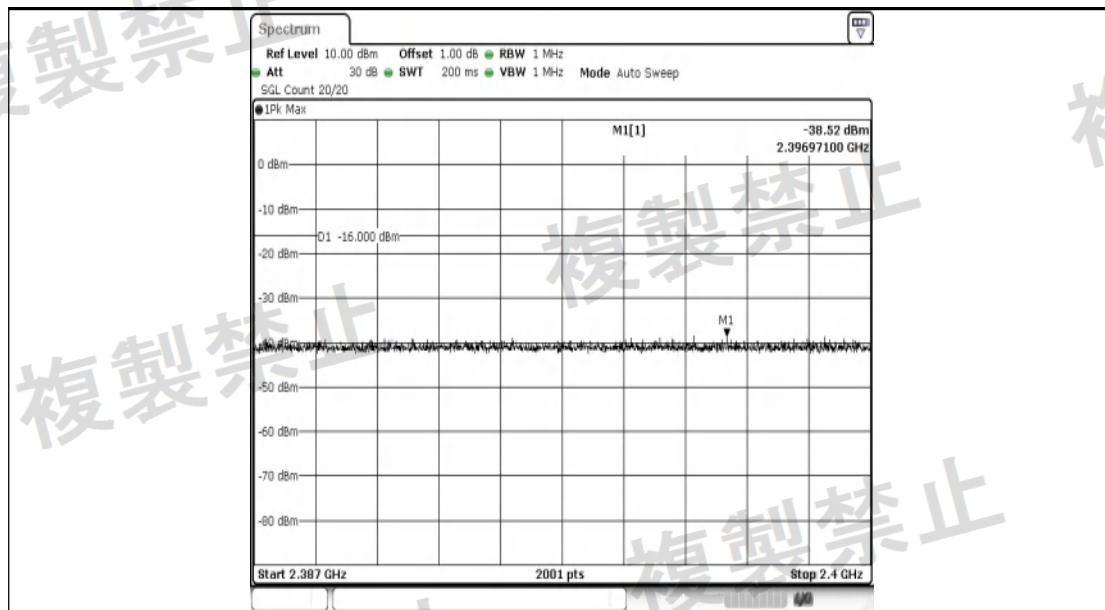
NTVN-BLE_2M-Ant1-2402-2483.5~2496.5-PASS



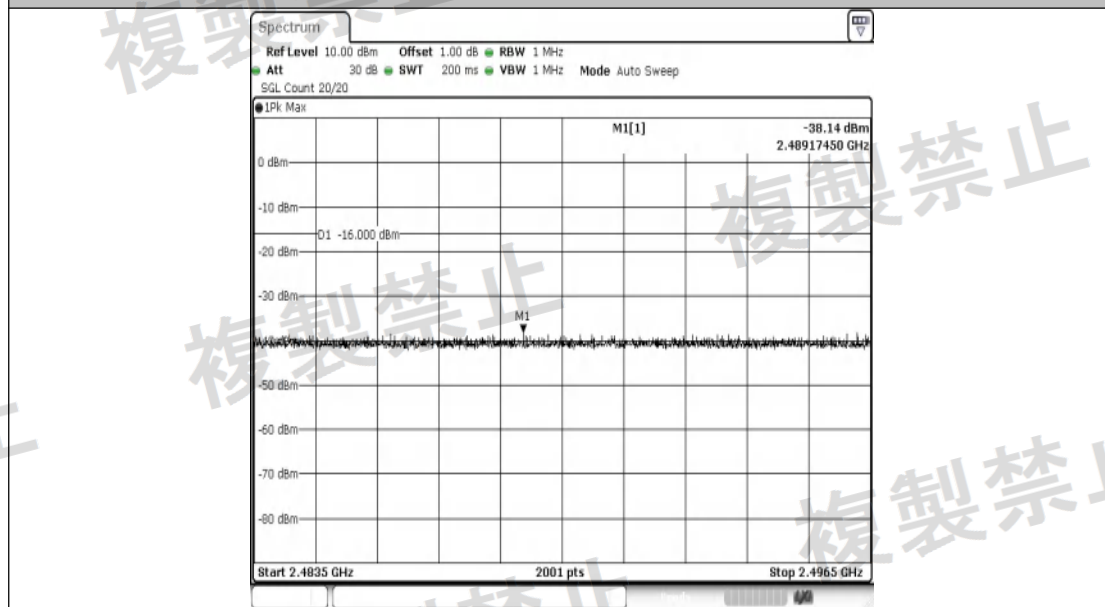
NTVN-BLE_2M-Ant1-2402-2496.5~13000-PASS





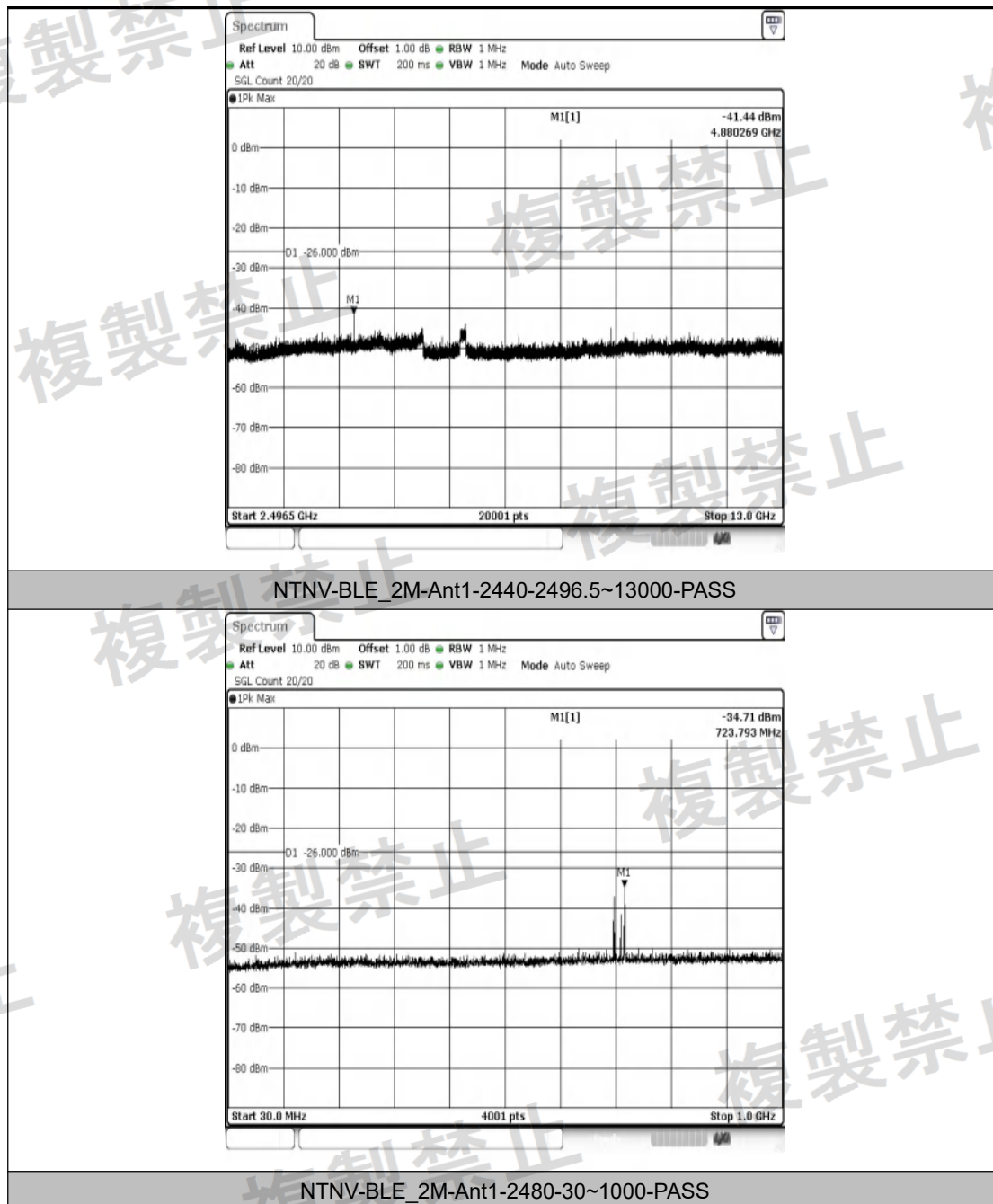


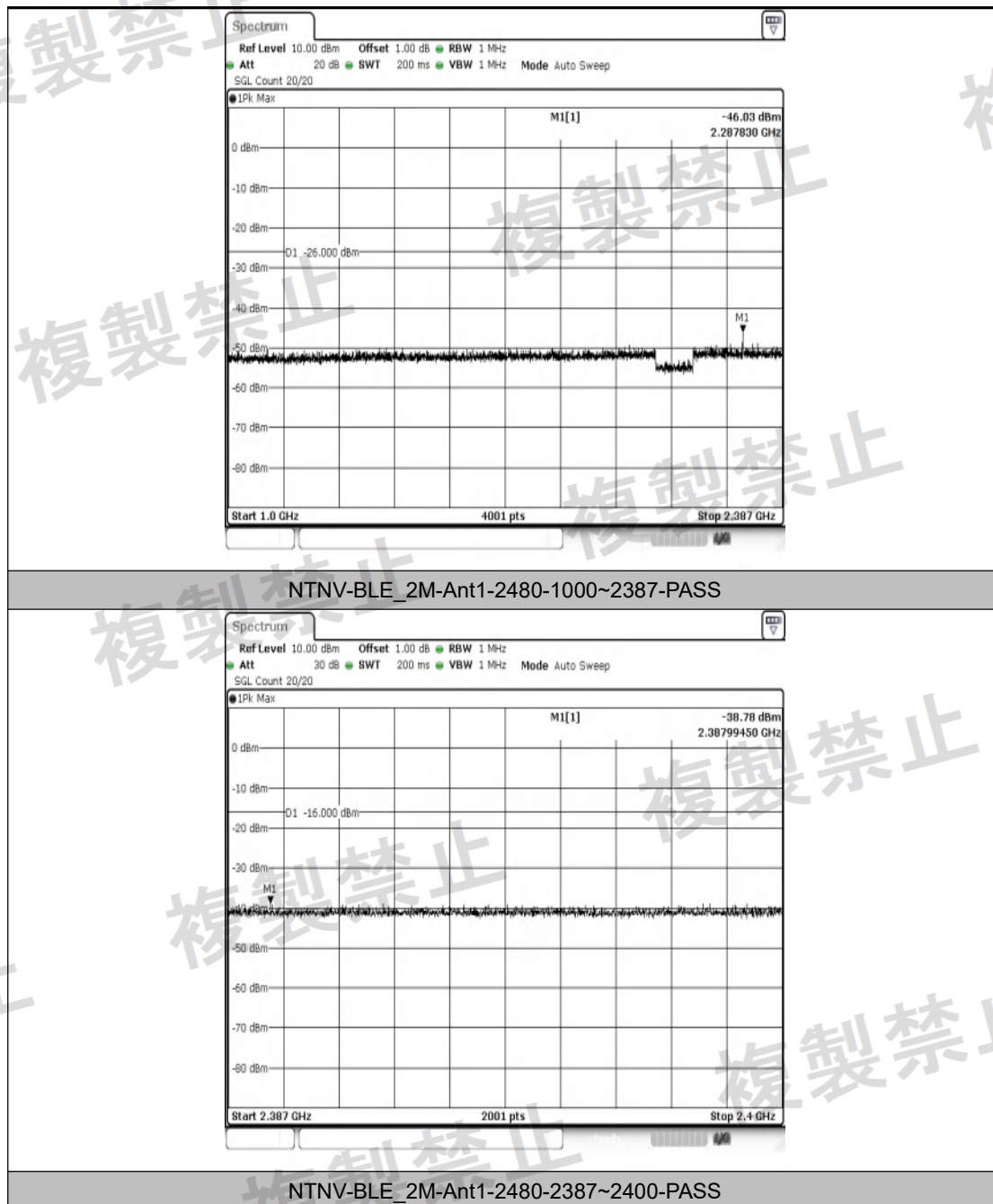
NTNV-BLE_2M-Ant1-2440-2387~2400-PASS



NTNV-BLE_2M-Ant1-2440-2483.5~2496.5-PASS

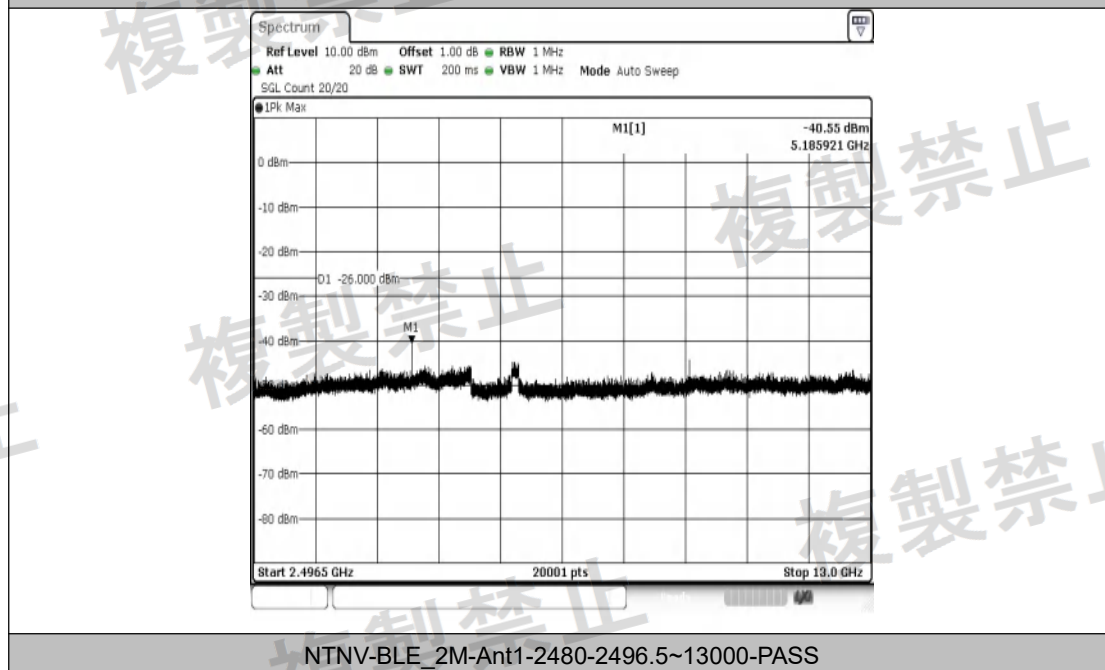








NTNV-BLE_2M-Ant1-2480-2483.5~2496.5-PASS



NTNV-BLE_2M-Ant1-2480-2496.5~13000-PASS



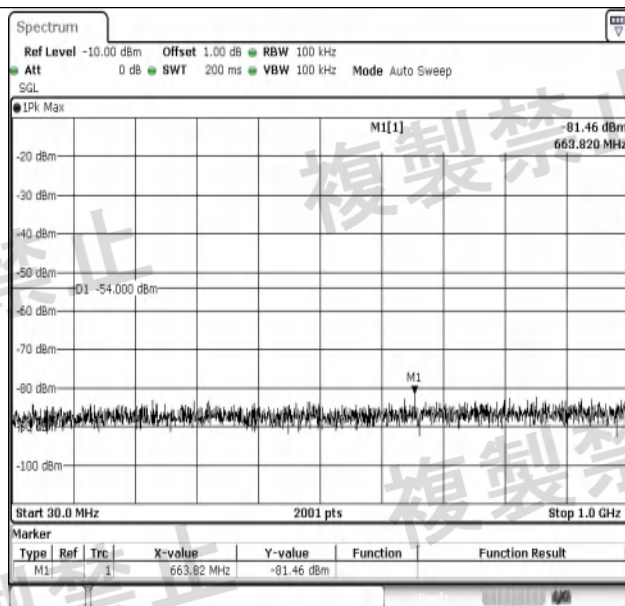
Appendix E: Spurious Emission of RX

Test Result

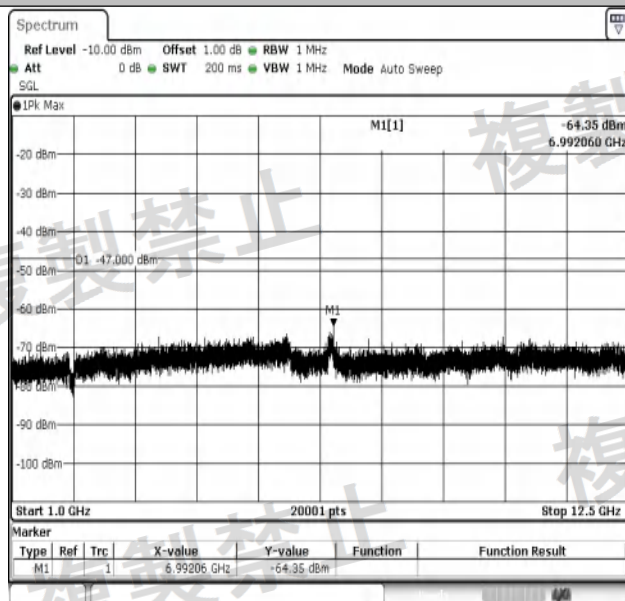
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	663.82	-81.46	≤-54	0.00714	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6992.06	-64.35	≤-47	0.36728	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	594.50	-82.32	≤-54	0.00586	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6901.22	-64.41	≤-47	0.36224	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	571.23	-82.41	≤-54	0.00574	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6894.32	-64.56	≤-47	0.34995	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	972.61	-81.64	≤-54	0.00685	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	6927.67	-65.87	≤-47	0.25882	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	995.39	-81.75	≤-54	0.00668	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	6978.84	-65.57	≤-47	0.27733	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	840.27	-82.01	≤-54	0.00630	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	6904.09	-65.48	≤-47	0.28314	≤20	PASS



Test Graphs

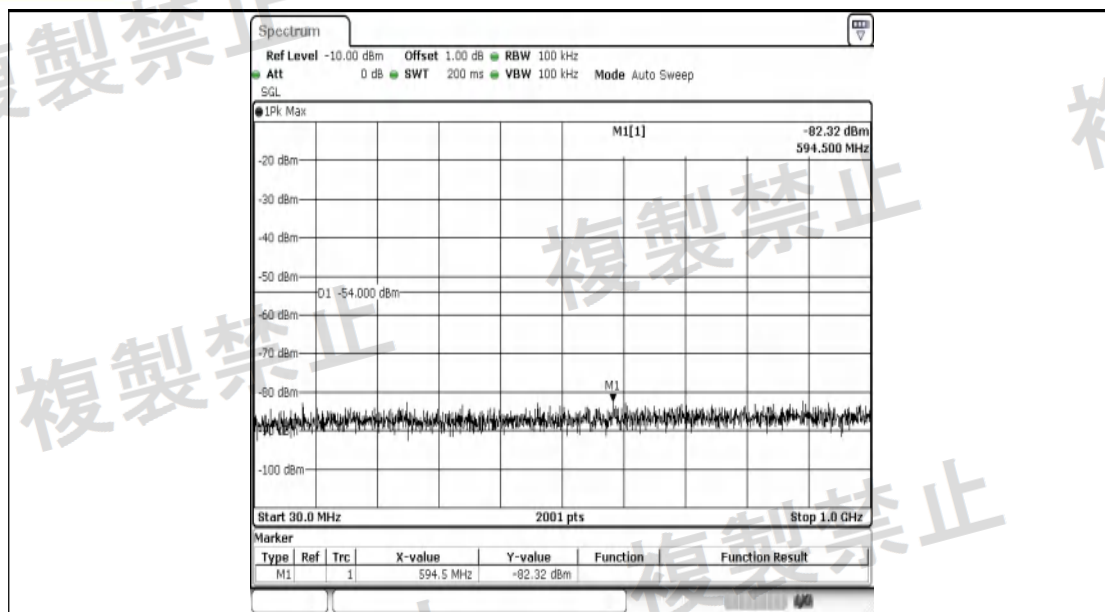


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

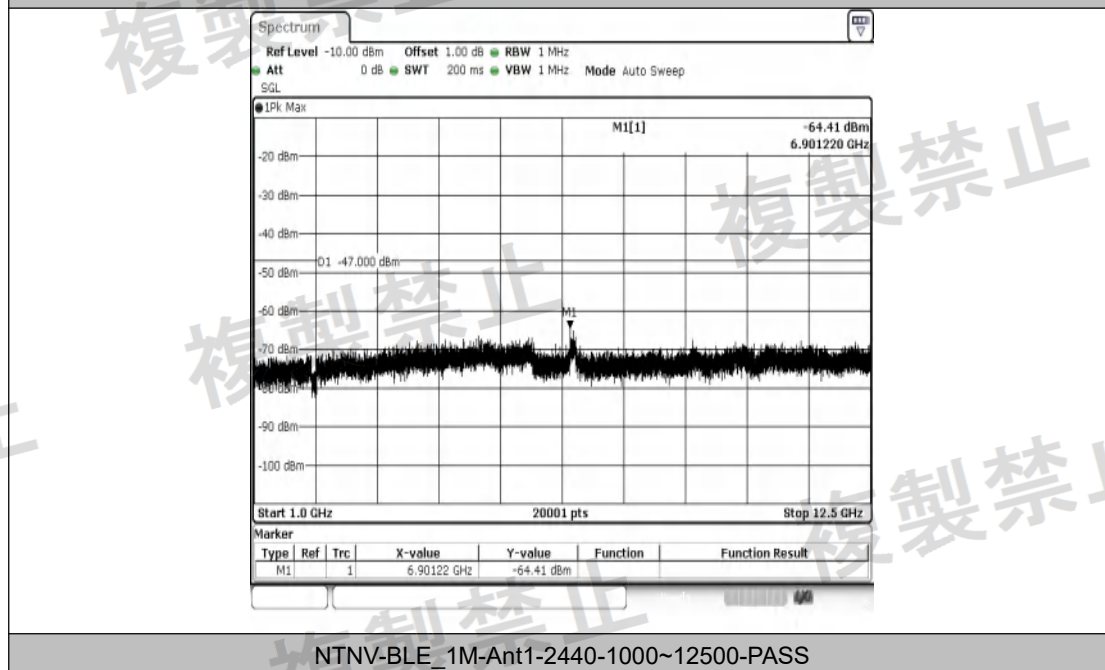


NTNV-BLE_1M-Ant1-2402-1000~12500-PASS



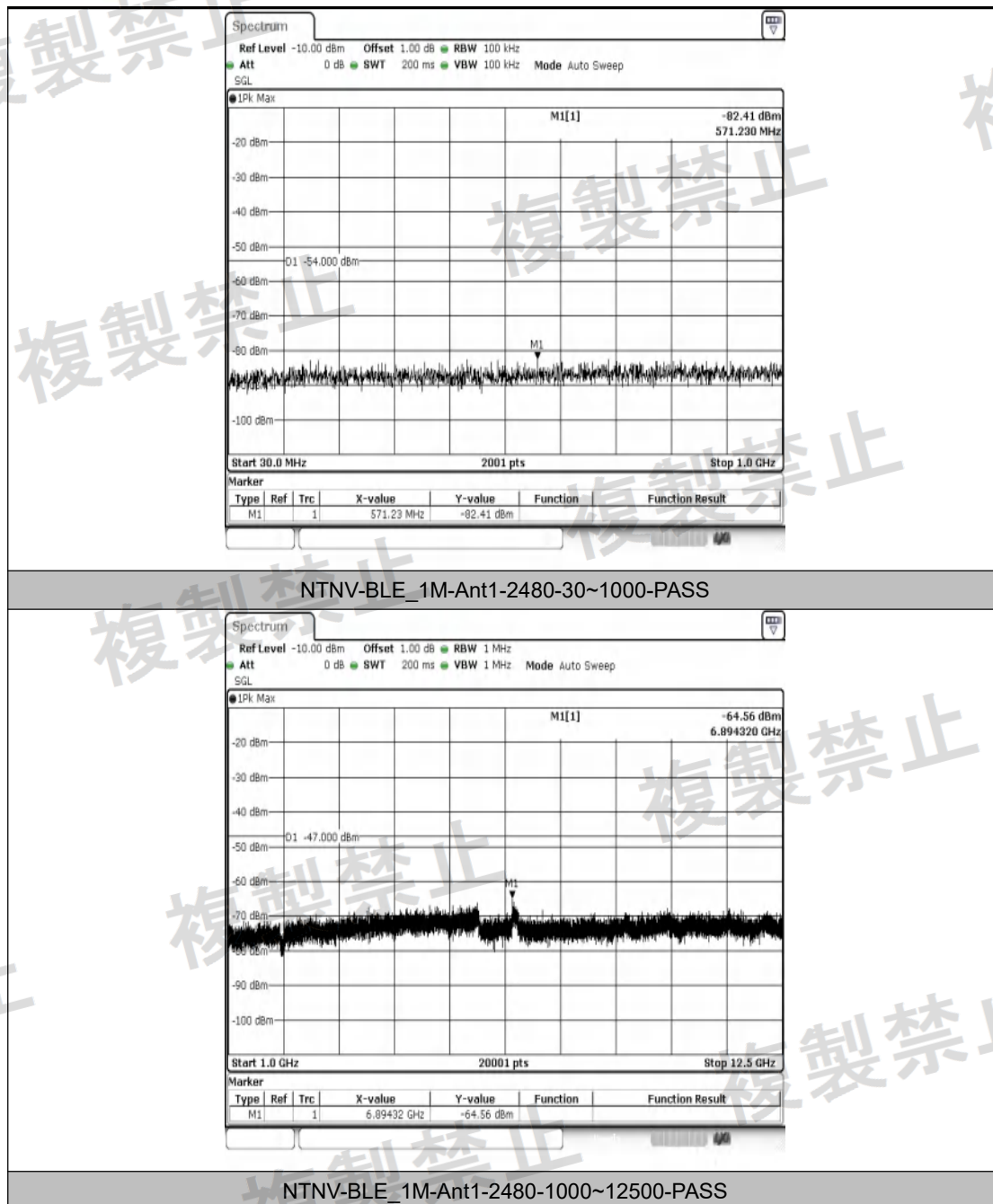


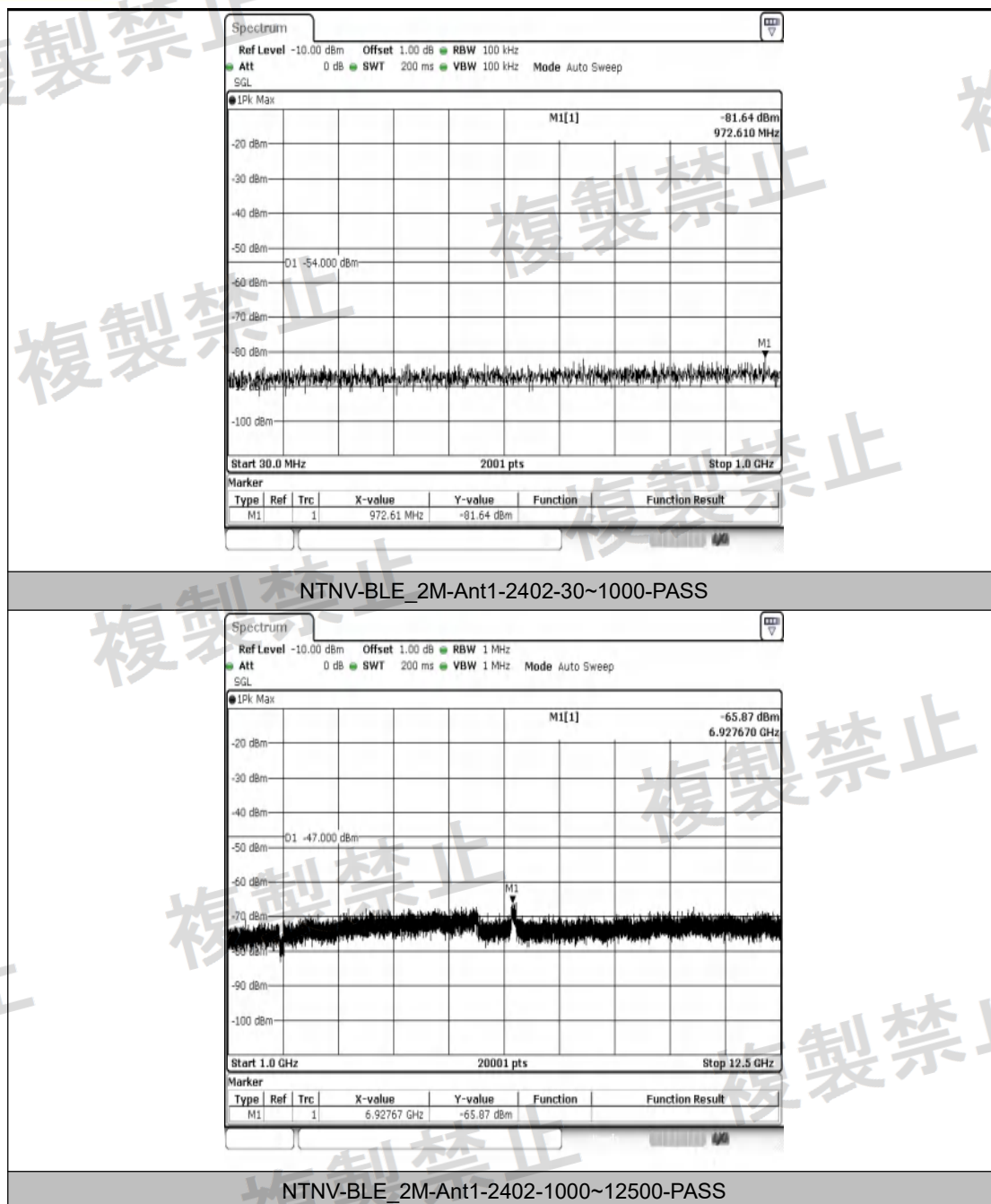
NTNV-BLE_1M-Ant1-2440-30~1000-PASS

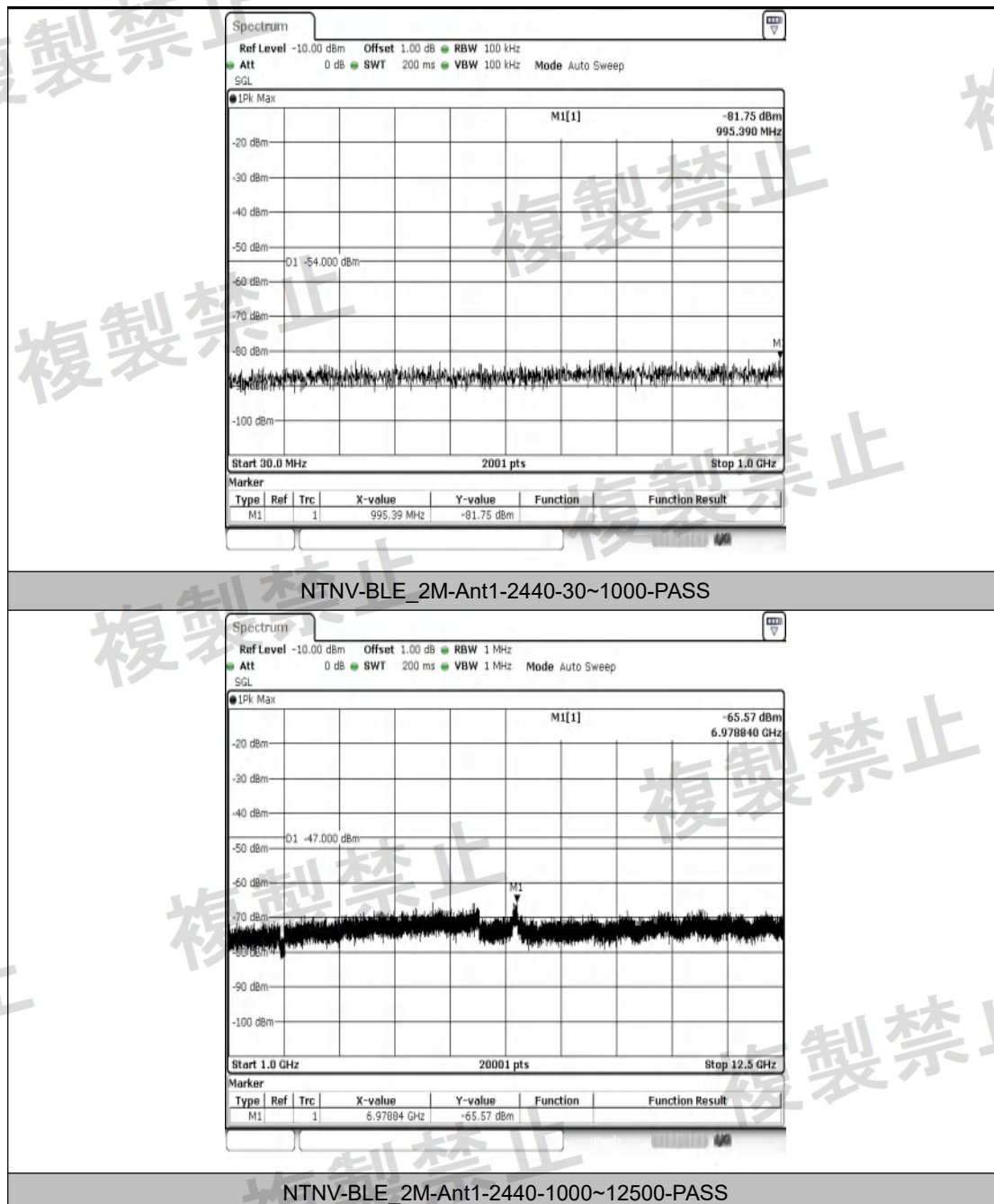


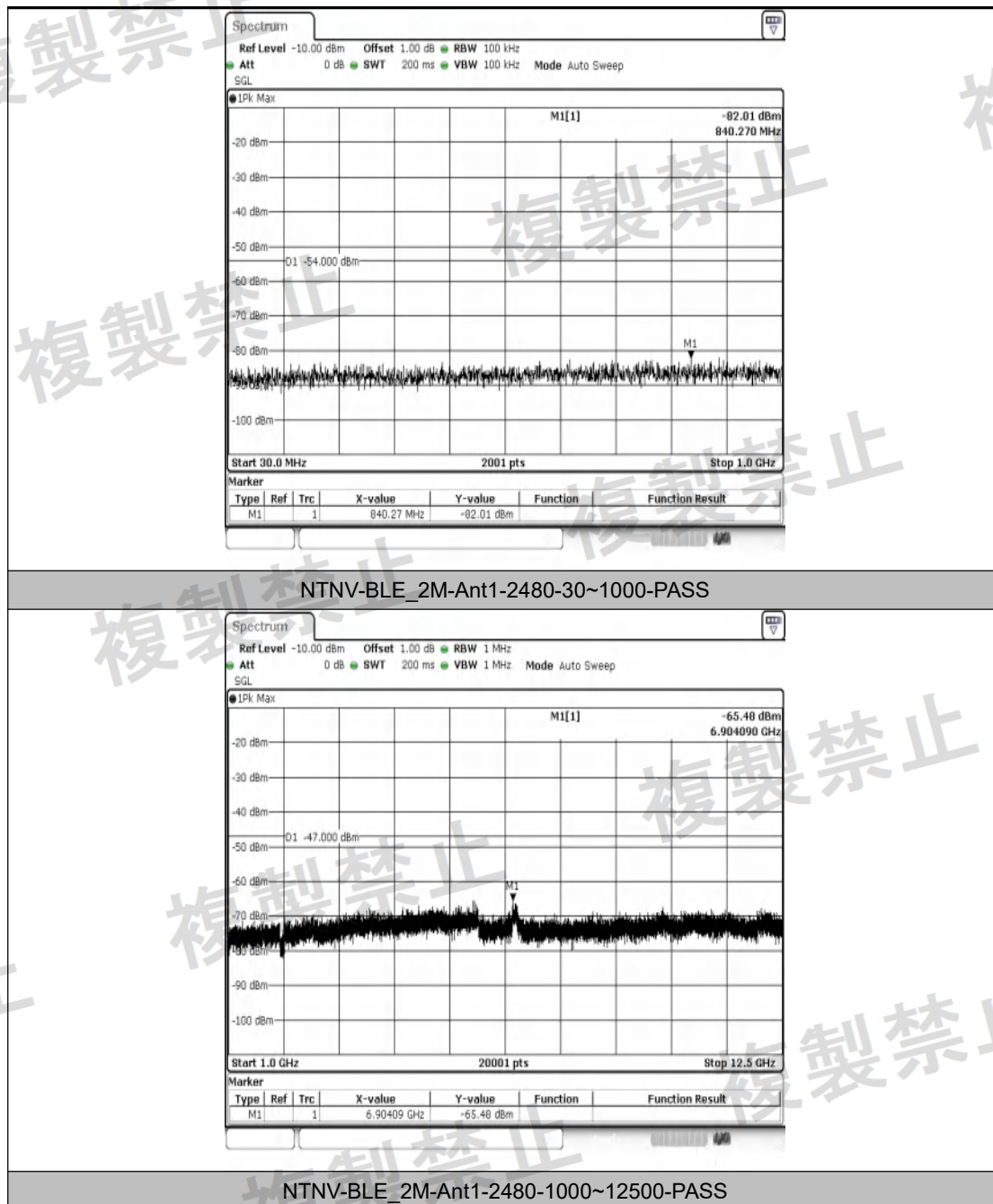
NTNV-BLE_1M-Ant1-2440-1000~12500-PASS











---End---

