

Appendix Test Data

Report No.:	1812C60241812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-28	Finish Test Date:	2026-4-30
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.1℃	Relative Humidity:	52%
Pressure:	101kPa		

Appendix A: Frequency Error

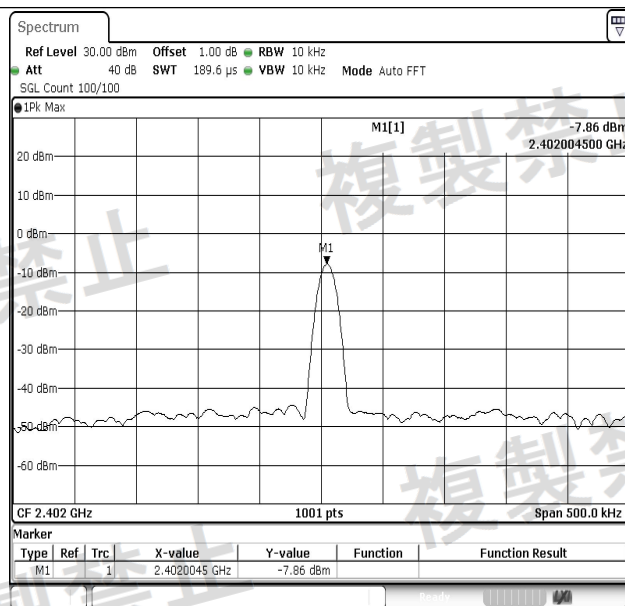
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.0045	1.87344	±50	PASS
NTNV	CW	Ant1	2440	2440.0045	1.84426	±50	PASS
NTNV	CW	Ant1	2480	2480.0045	1.81452	±50	PASS

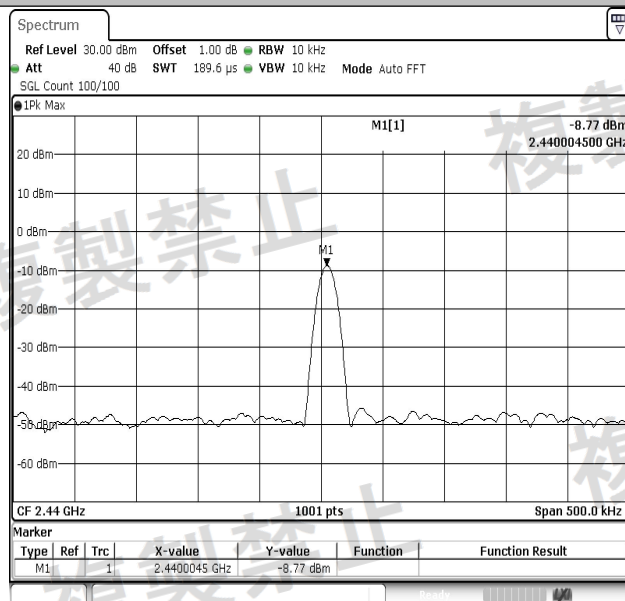
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

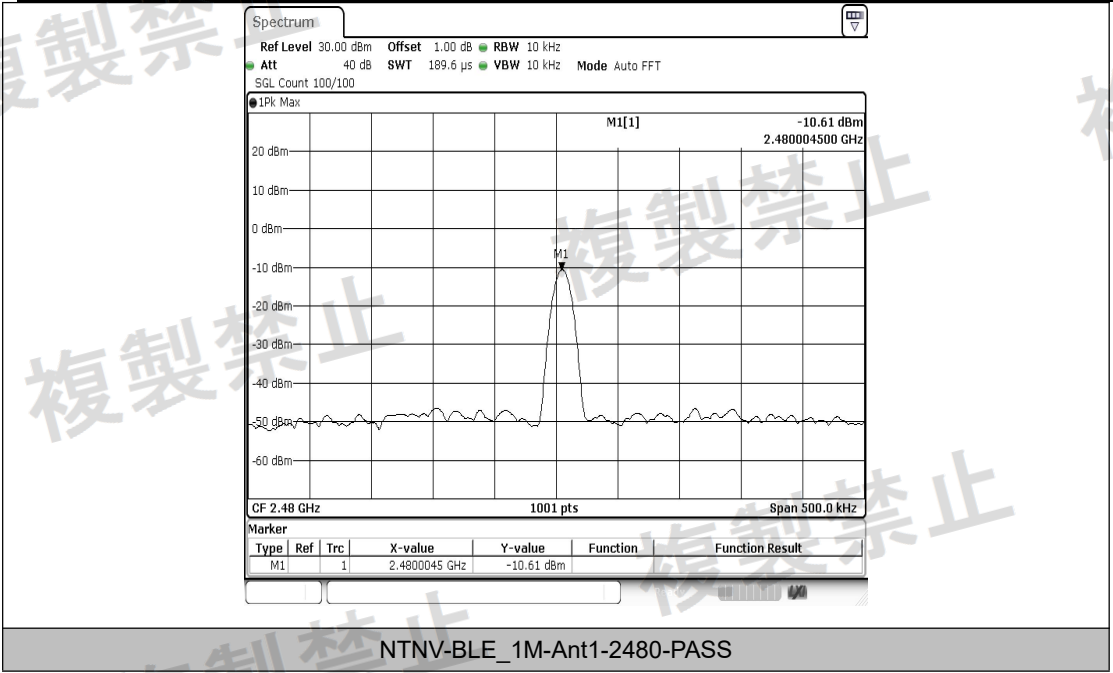


NTNV-BLE_1M-Ant1-2402-PASS



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	2.18	1.6519	≤10	PASS
NTNV	BLE_1M	Ant1	2440	2.09	1.6180	≤10	PASS
NTNV	BLE_1M	Ant1	2480	1.40	1.3803	≤10	PASS

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

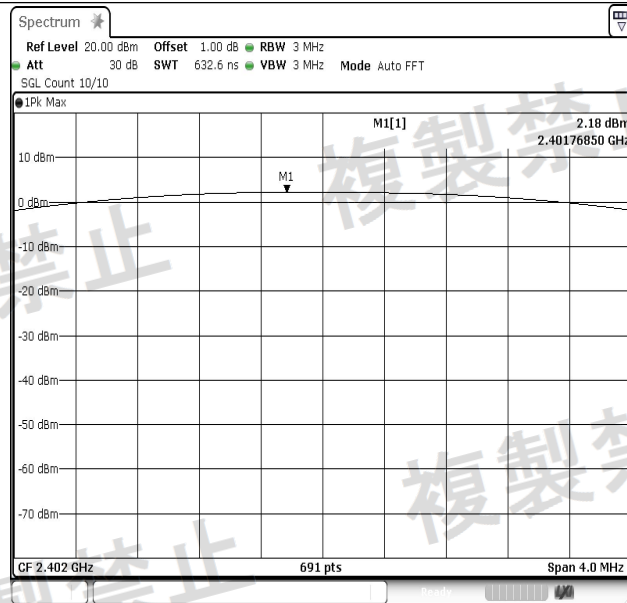
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.6519	2	-17.41	+20	PASS
NTNV	BLE_1M	Ant1	2440	1.6180	2	-19.10	+20	PASS
NTNV	BLE_1M	Ant1	2480	1.3803	2	-30.99	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	2.18	2.5	4.68	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	2.09	2.5	4.59	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	1.40	2.5	3.90	≤12.14	PASS

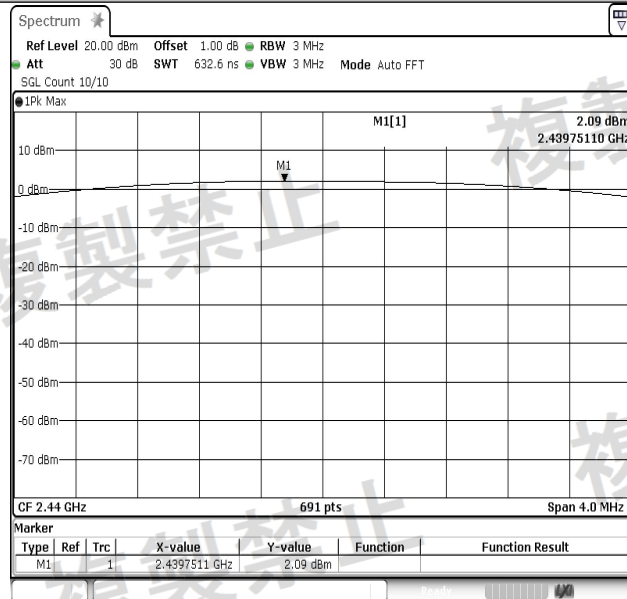
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

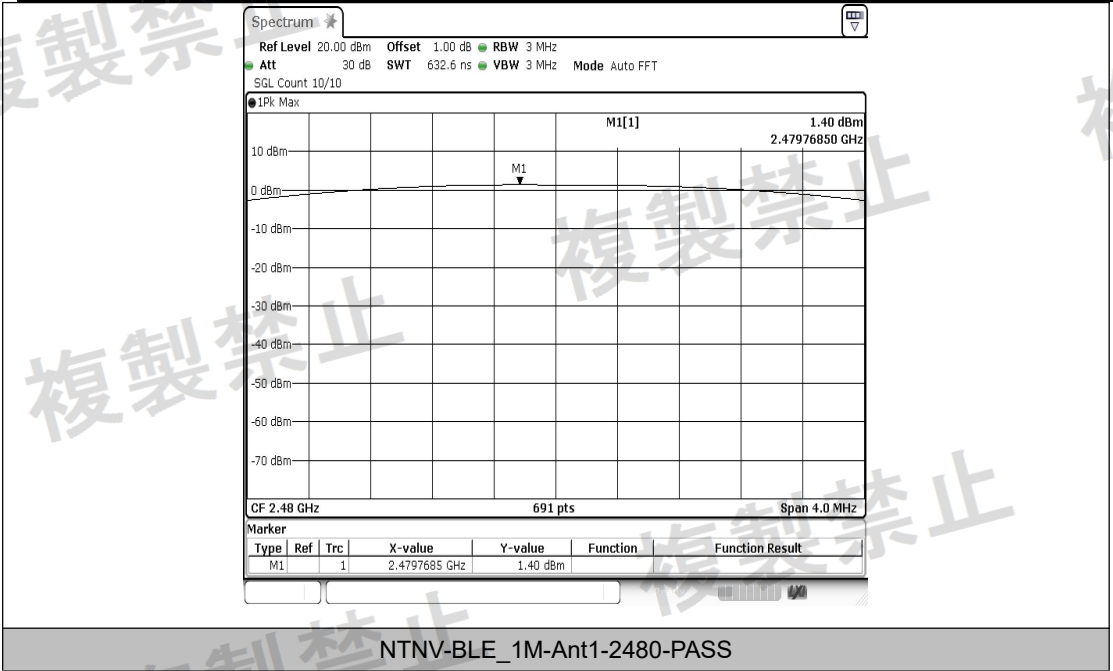


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





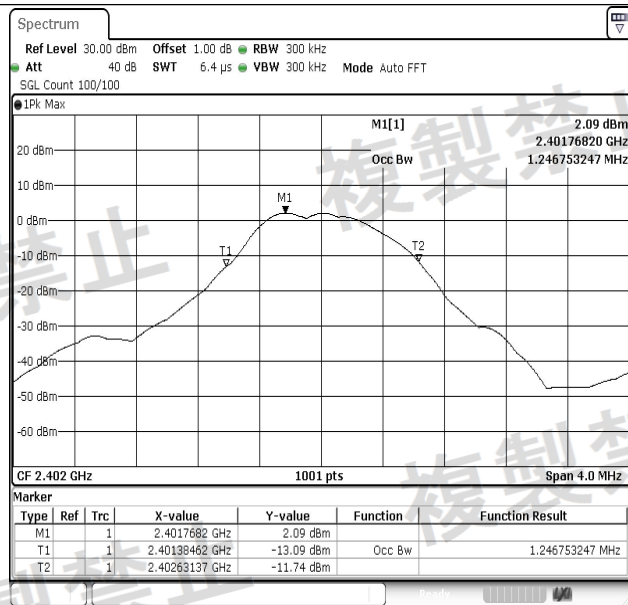
Appendix C: Occupied Bandwidth

Test Result

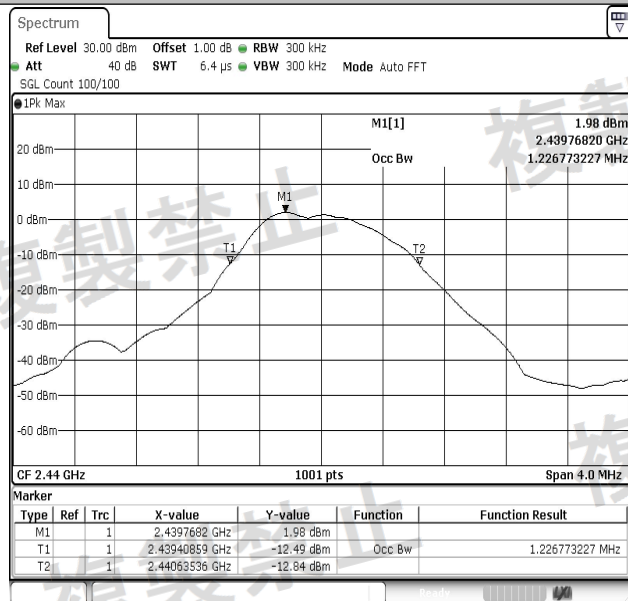
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.247	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.227	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.243	≤26	PASS



Test Graphs

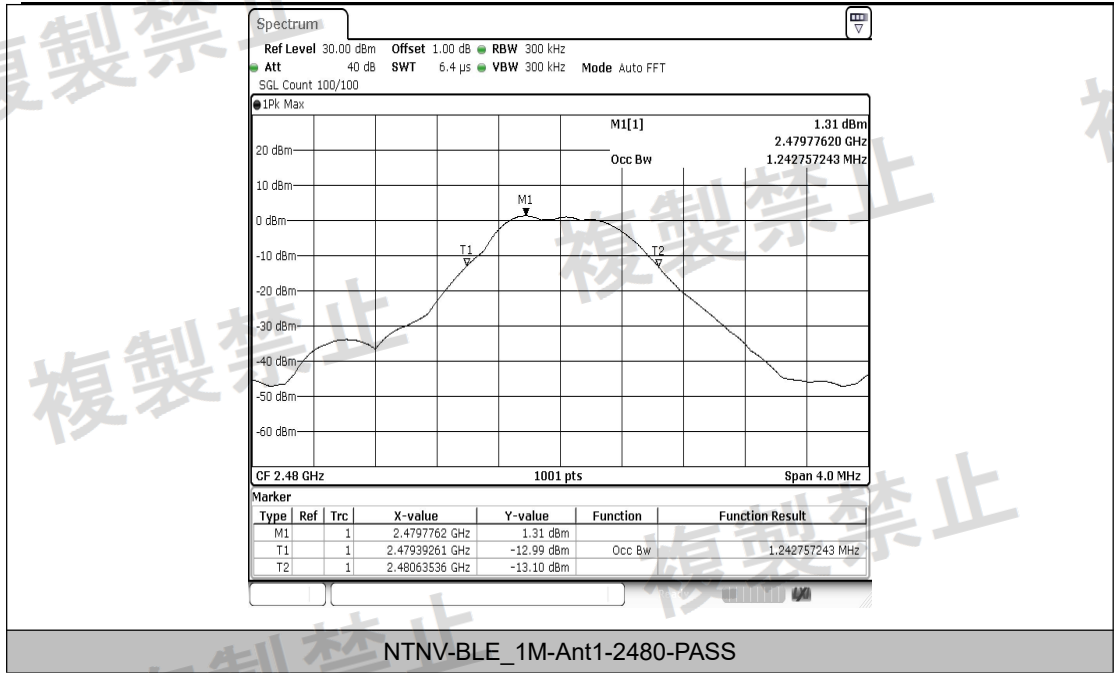


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





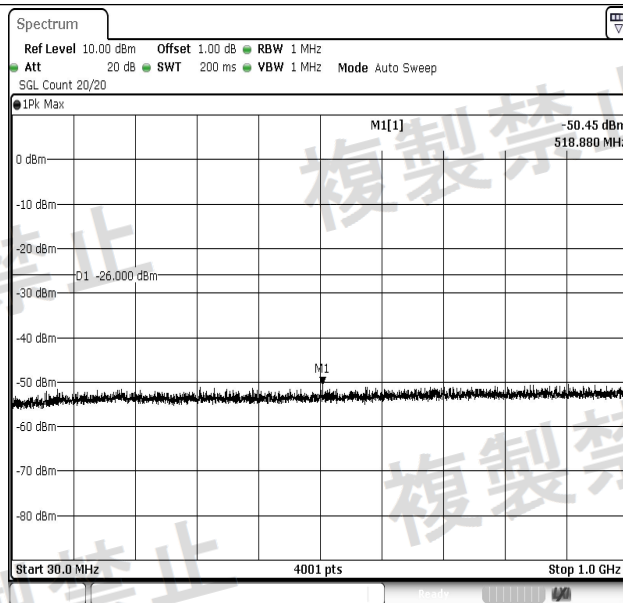
Appendix D: Spurious Emission of TX

Test Result

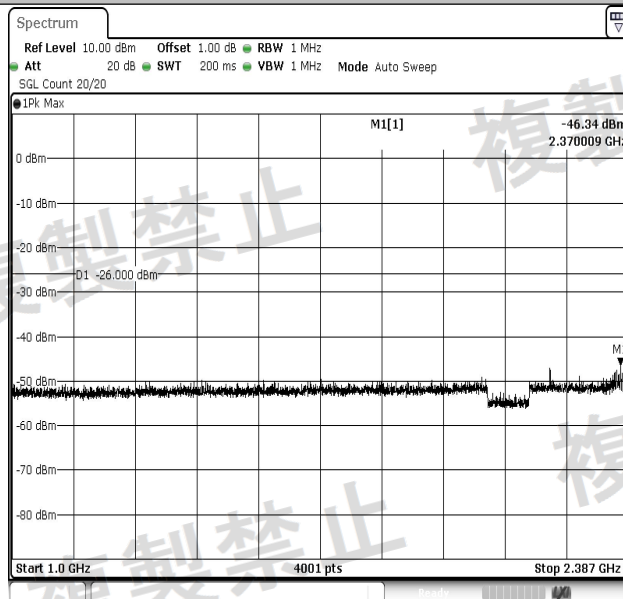
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	518.88	-50.45	≤-26	0.00902	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2370.01	-46.34	≤-26	0.02323	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.99	-28.84	≤-16	1.30617	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2483.95	-38.09	≤-16	0.15524	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	2593.66	-42.66	≤-26	0.05420	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	727.19	-50.60	≤-26	0.00871	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2248.30	-44.06	≤-26	0.03926	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2387.22	-38.01	≤-16	0.15812	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2496.07	-38.01	≤-16	0.15812	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	2631.47	-44.02	≤-26	0.03963	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	948.59	-49.69	≤-26	0.01074	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2287.83	-42.59	≤-26	0.05508	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2399.60	-38.41	≤-16	0.14421	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.78	-36.20	≤-16	0.23988	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6892.21	-44.36	≤-26	0.03664	≤2.5	PASS



Test Graphs

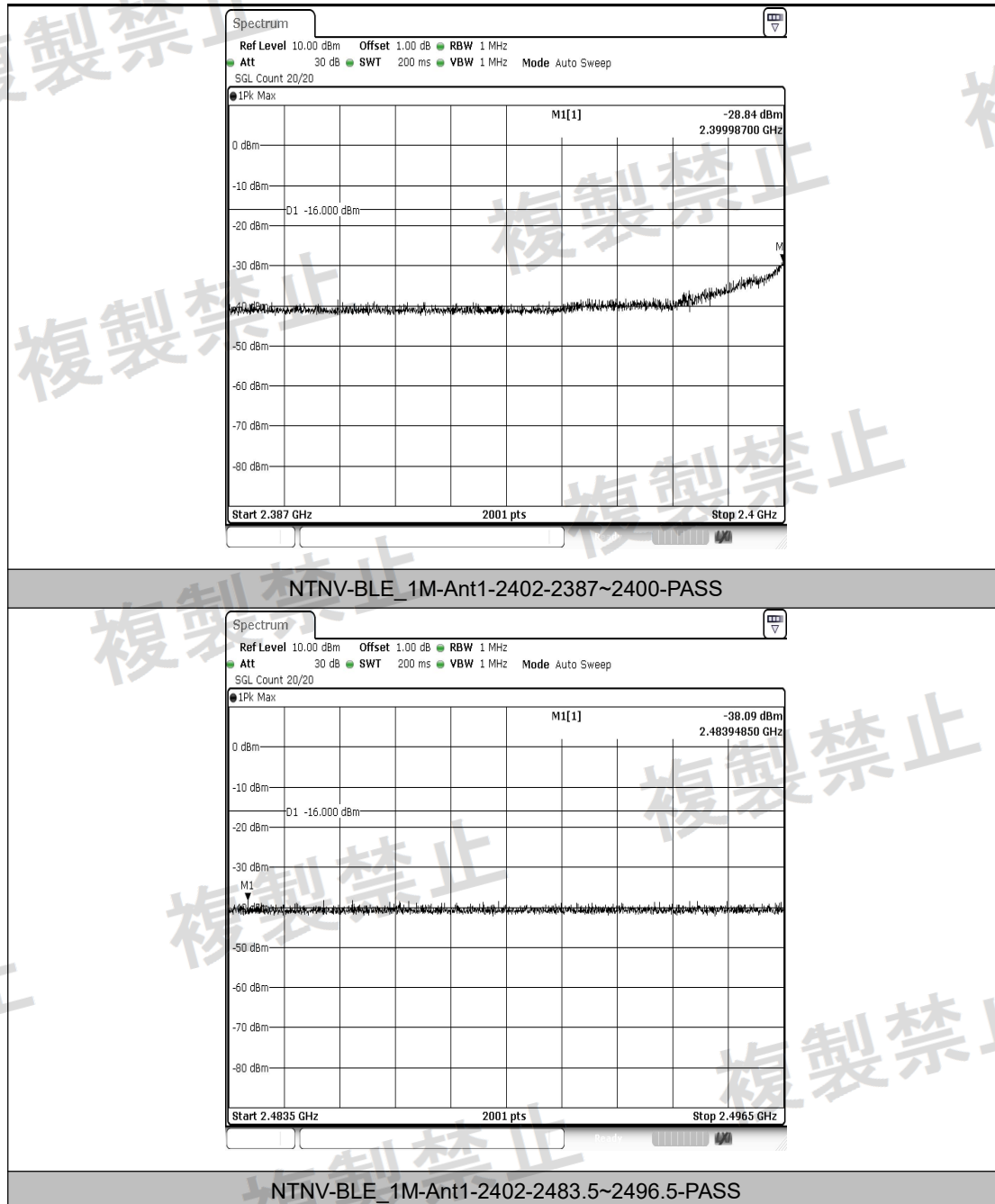


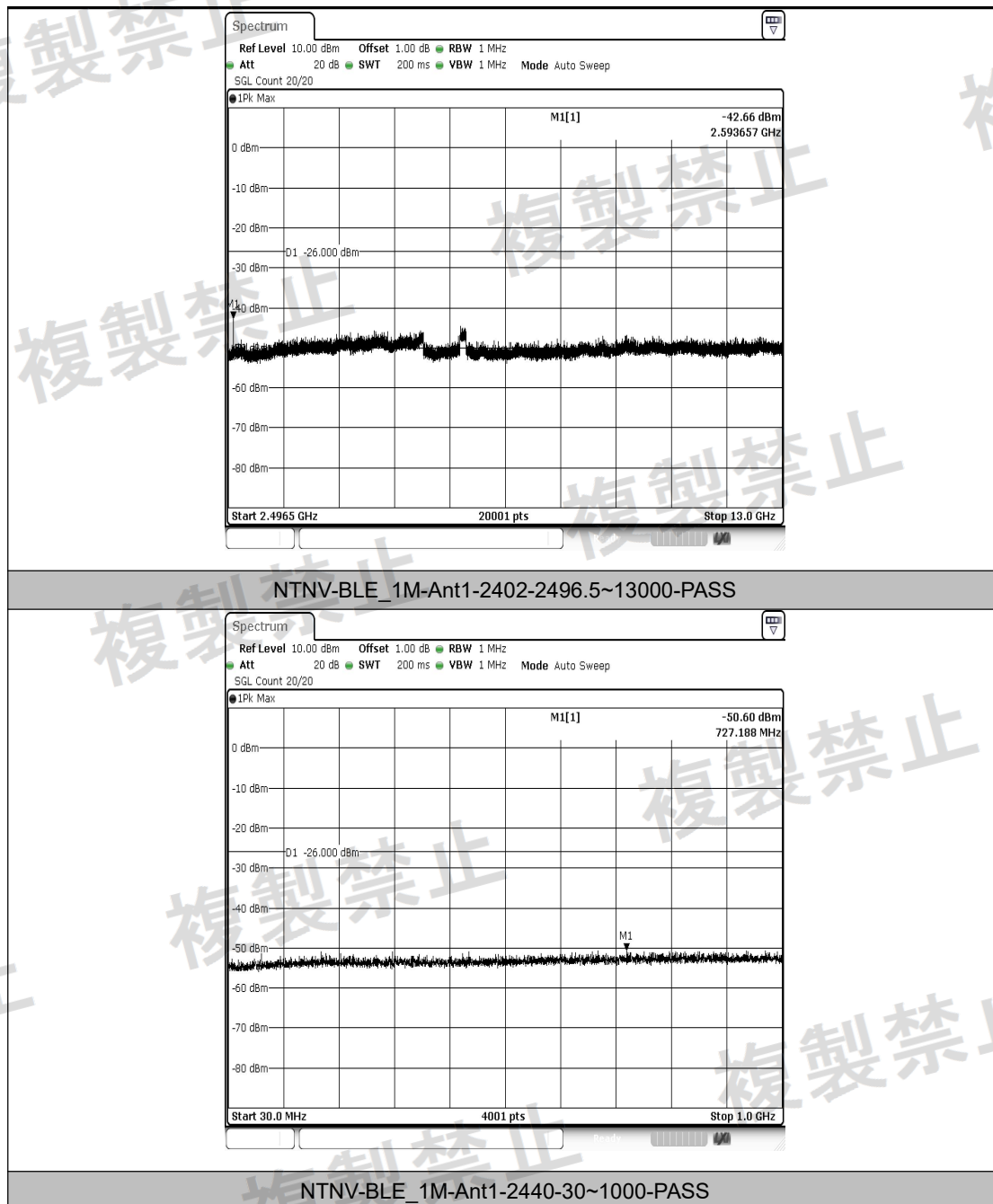
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

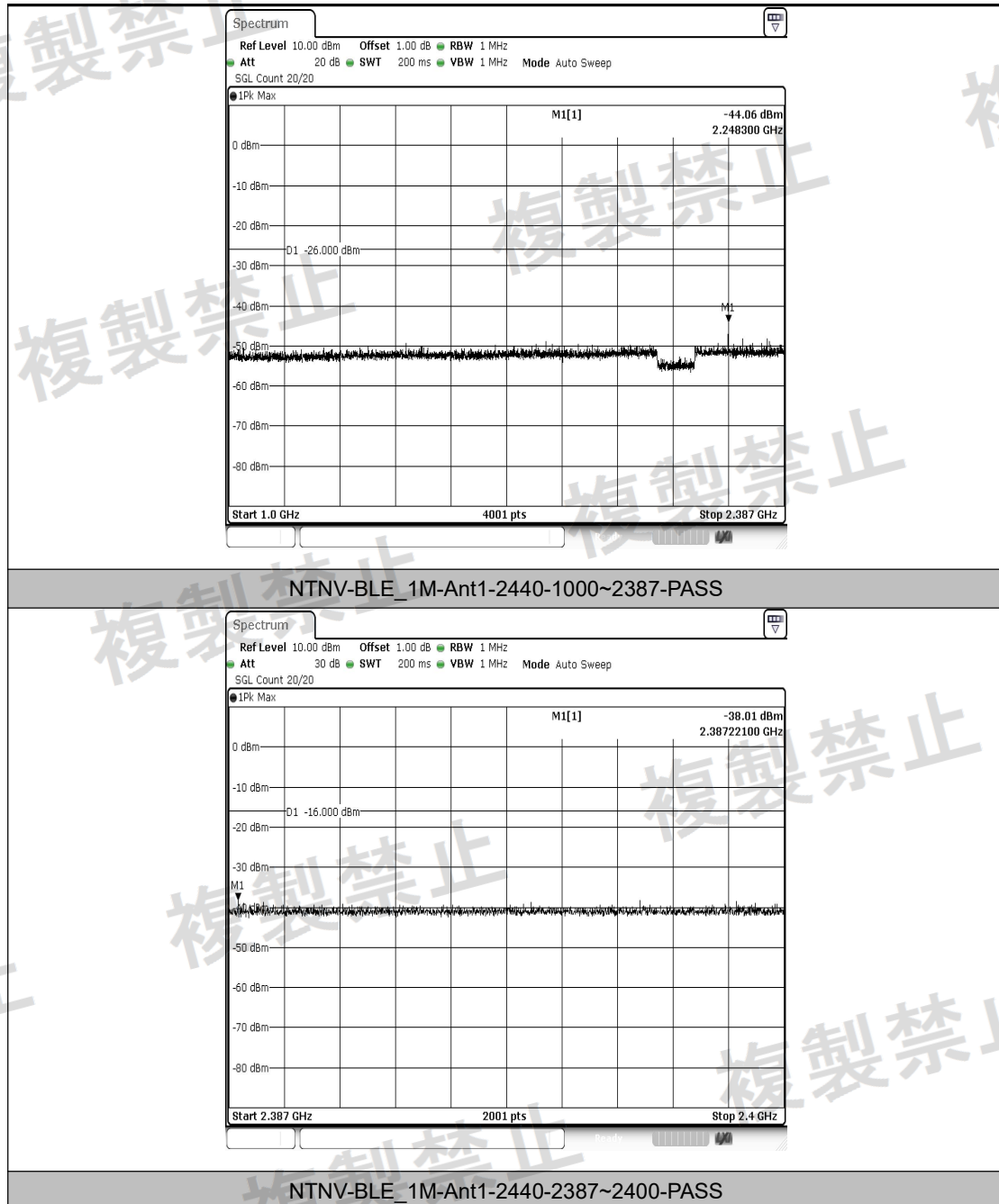


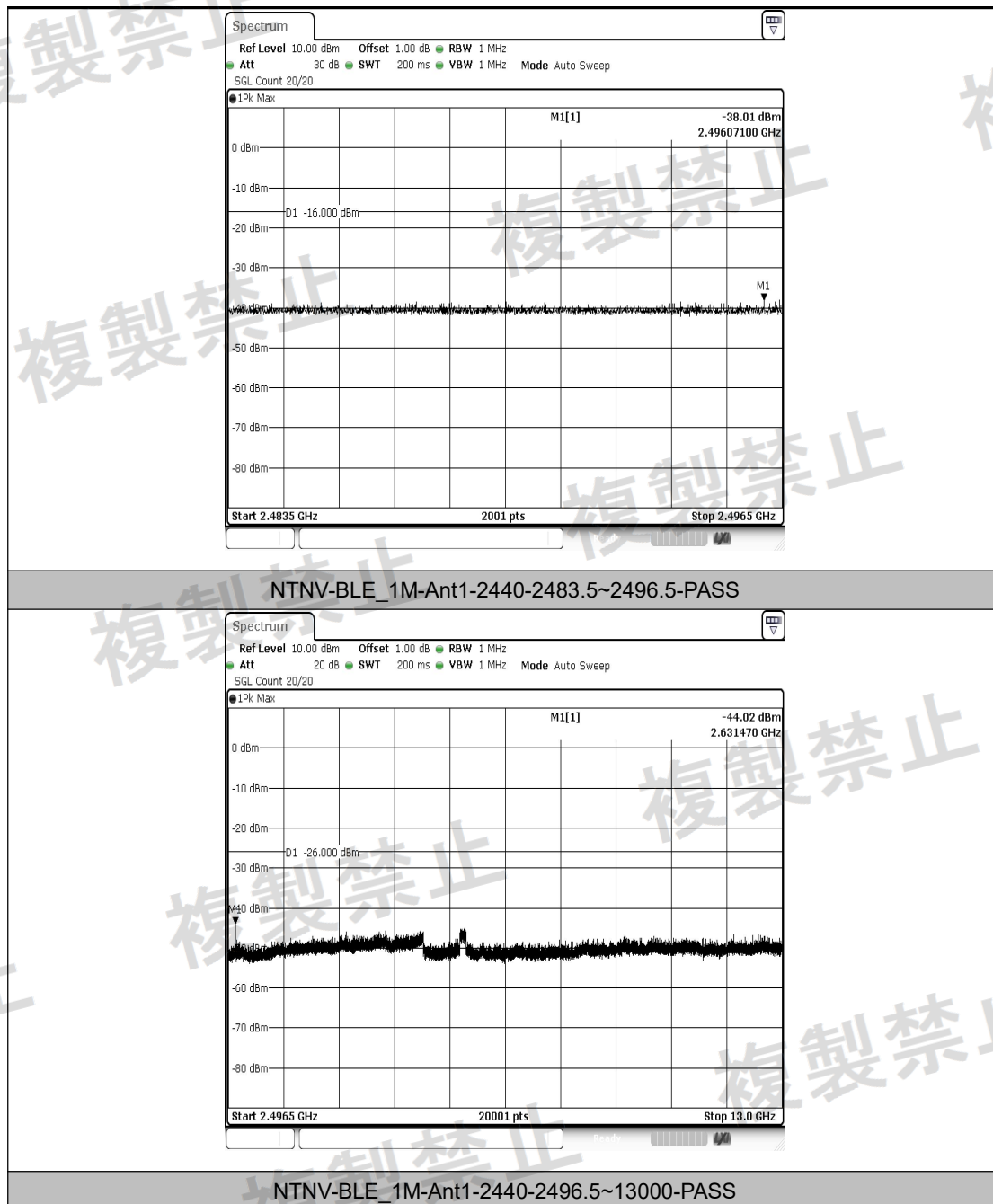
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

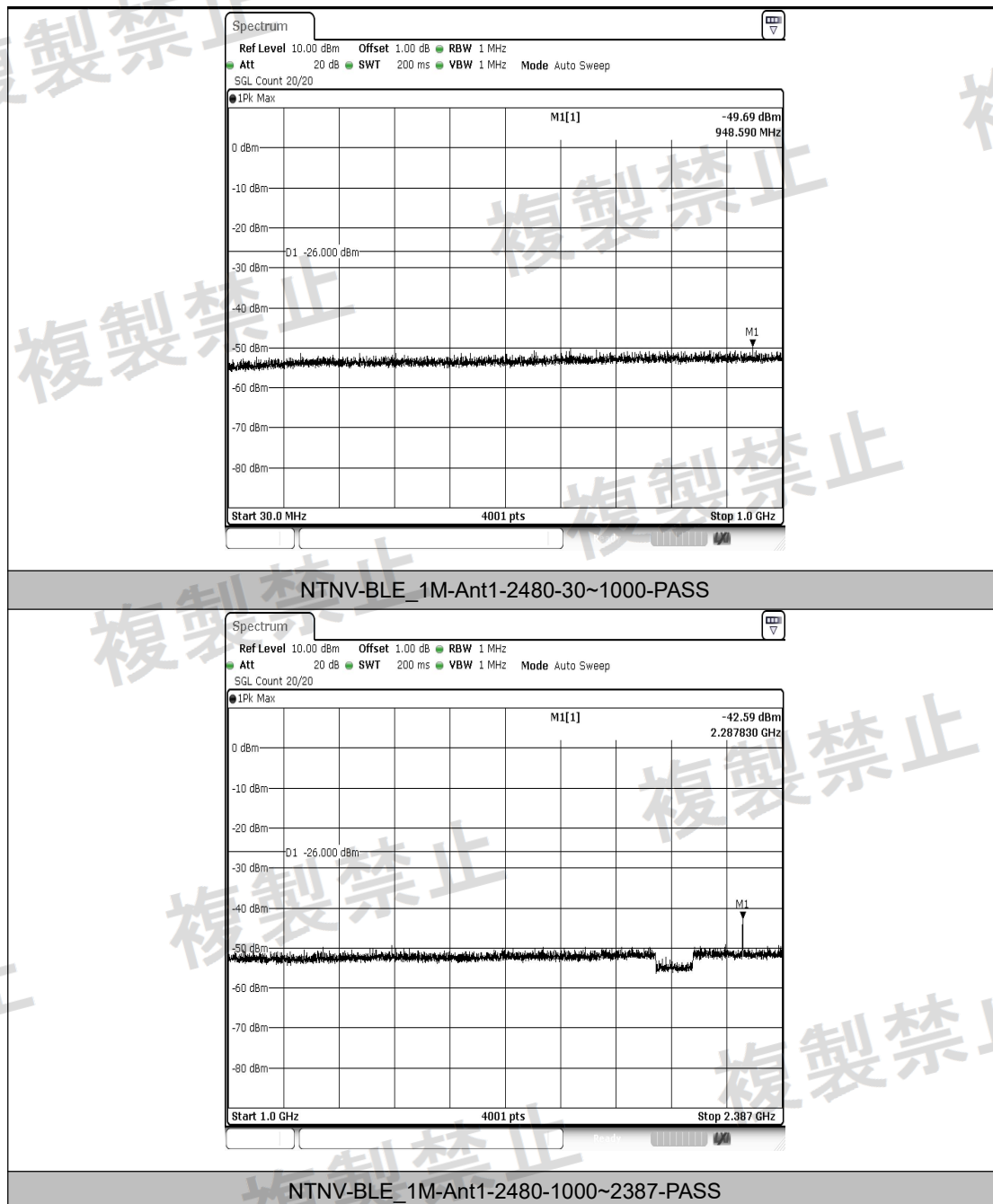


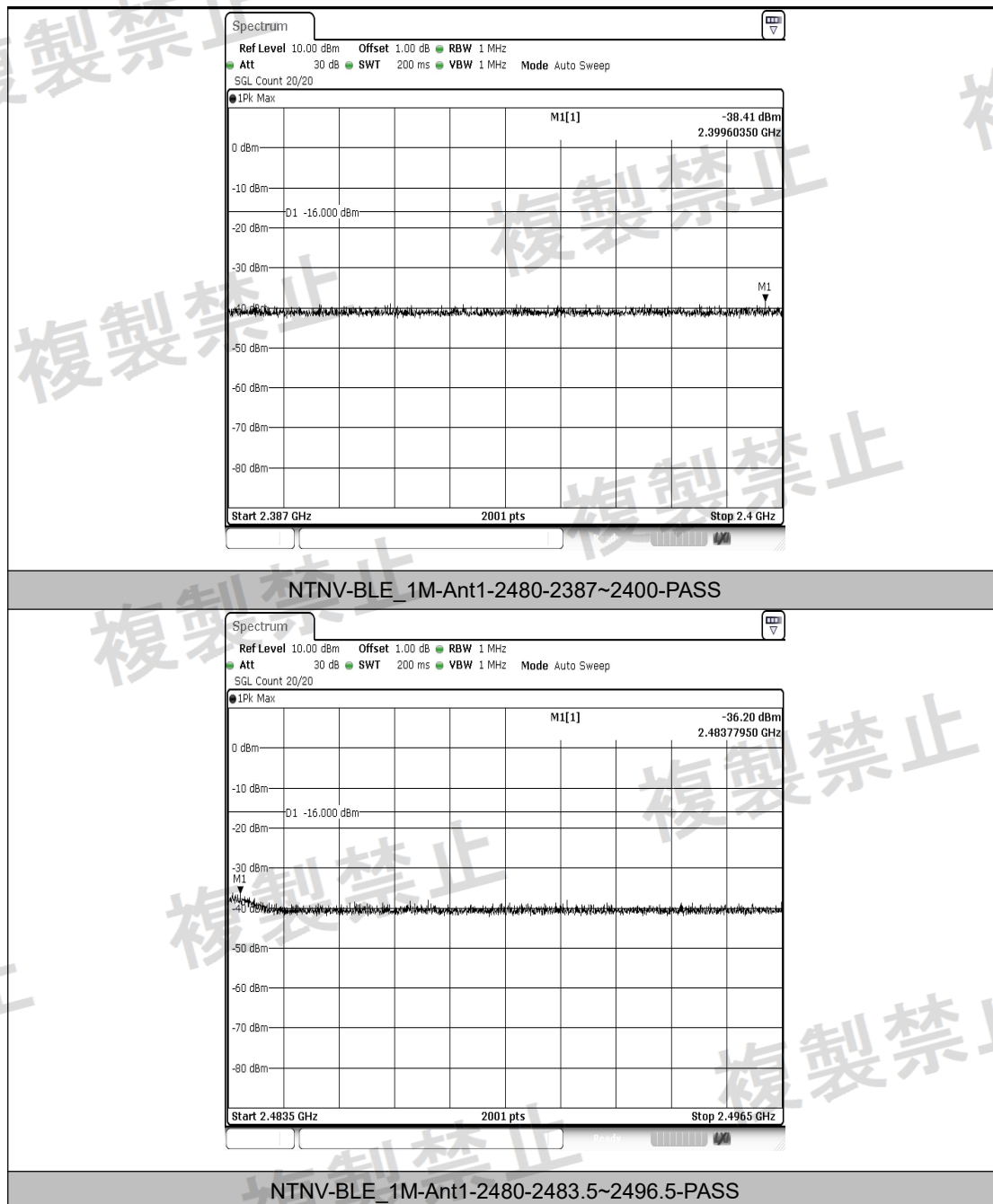


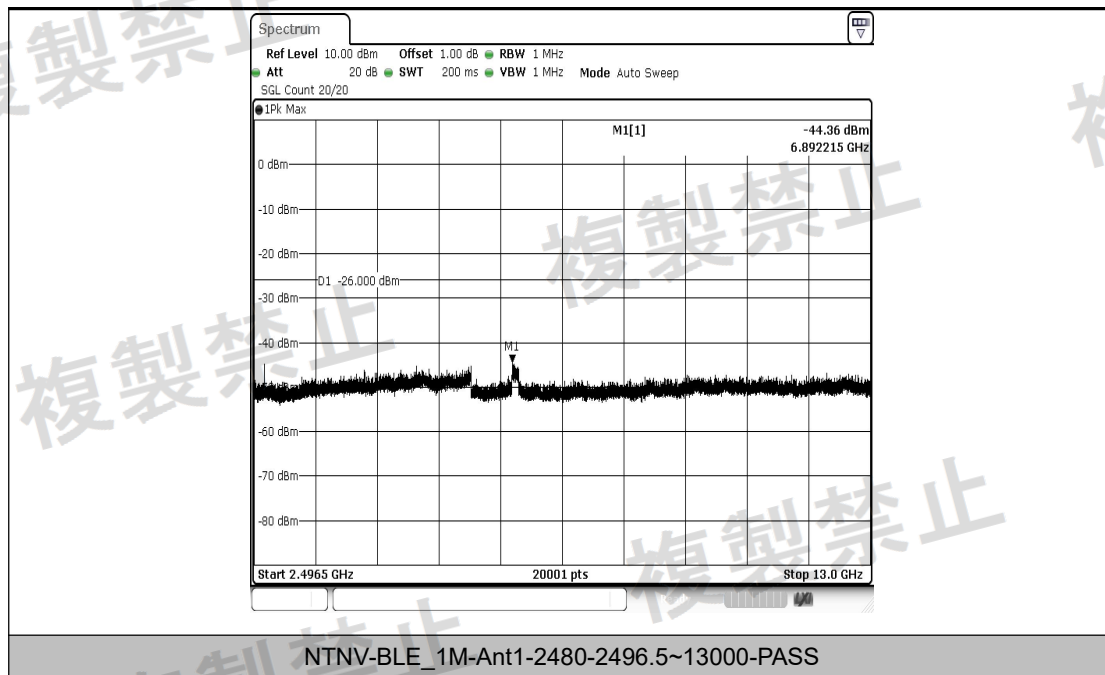










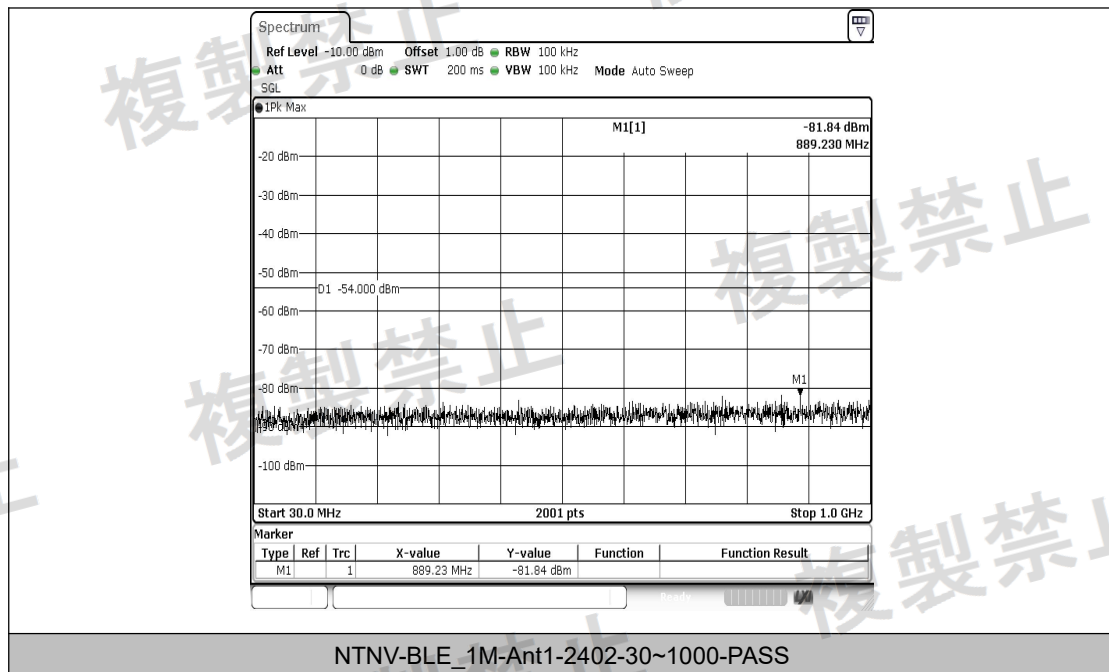


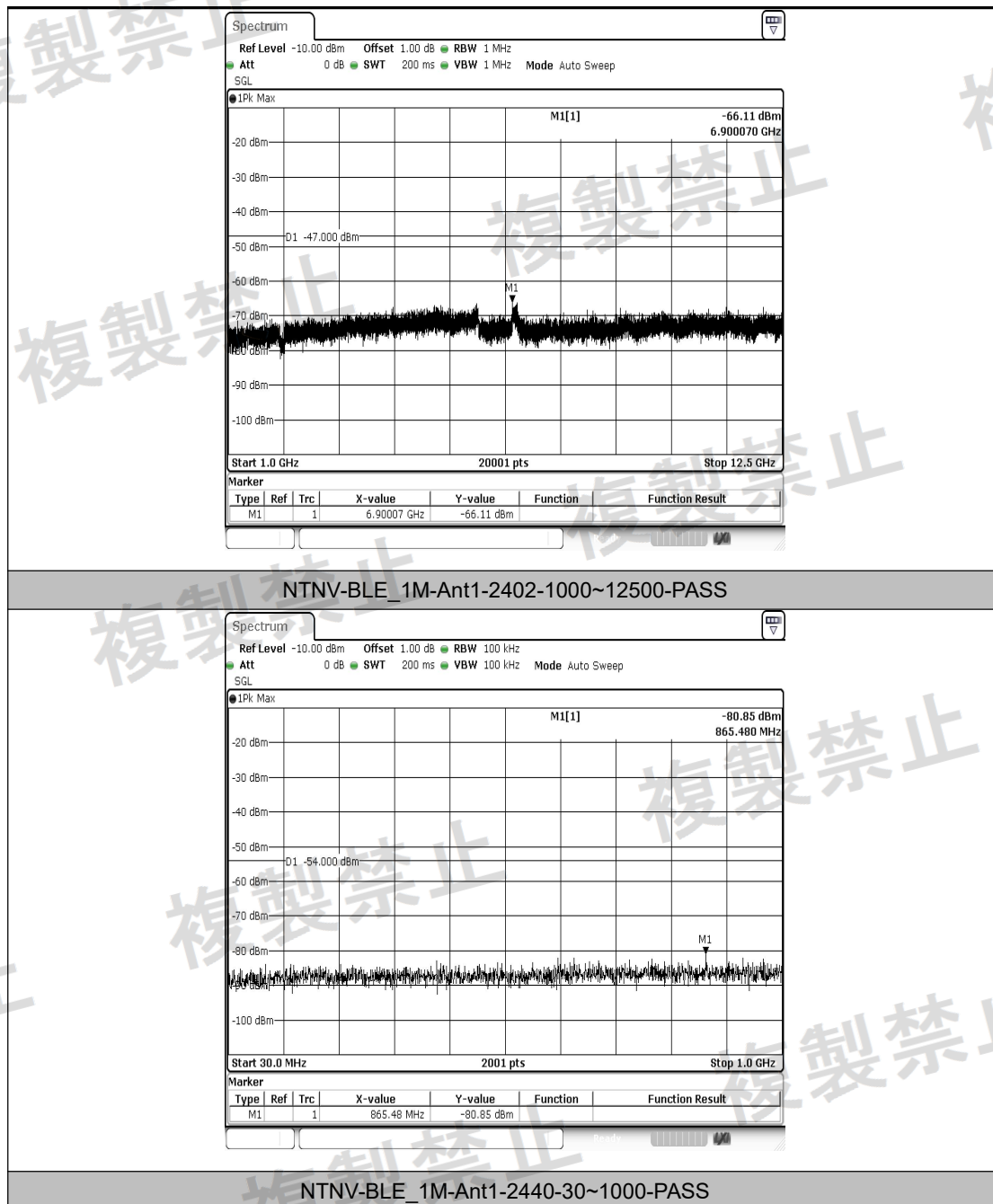
Appendix E: Spurious Emission of RX

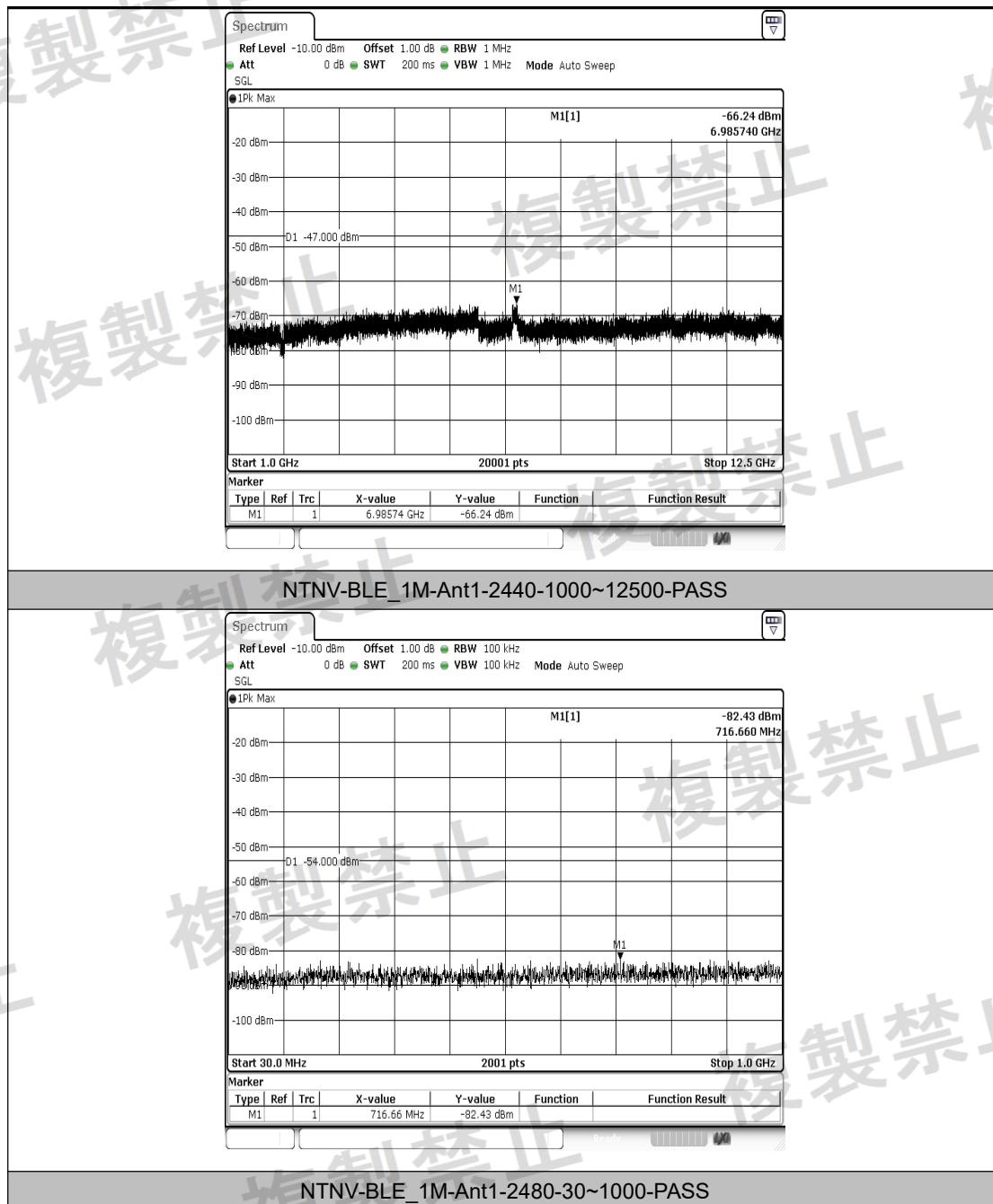
Test Result

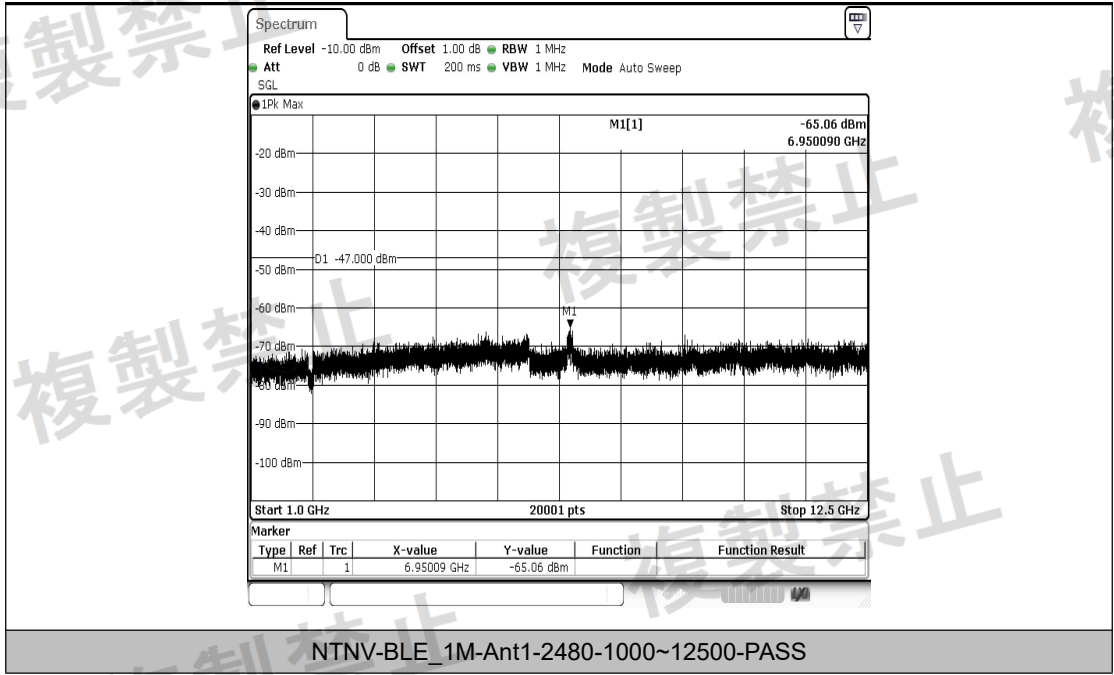
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	889.23	-81.84	≤-54	0.00655	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6900.07	-66.11	≤-47	0.24491	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	865.48	-80.85	≤-54	0.00822	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6985.74	-66.24	≤-47	0.23768	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	716.66	-82.43	≤-54	0.00571	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6950.09	-65.06	≤-47	0.31189	≤20	PASS

Test Graphs









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