

Appendix Test Data

Report No.:	9812C60002612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-30	Finish Test Date:	2026-5-7
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.3℃	Relative Humidity:	56.2%
Pressure:	101kPa		

Appendix A: Frequency Error

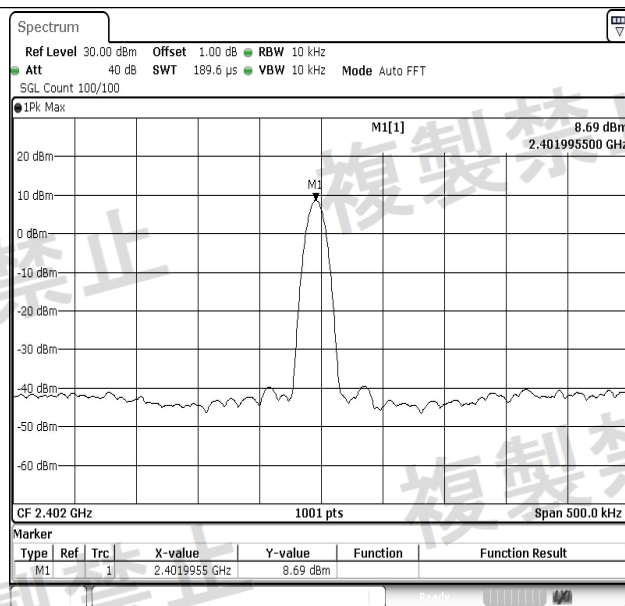
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	2401.9955	-1.87344	±50	PASS
NTNV	BLE_1M	Ant1	2440	2439.9955	-1.84426	±50	PASS
NTNV	BLE_1M	Ant1	2480	2479.995	-2.01613	±50	PASS

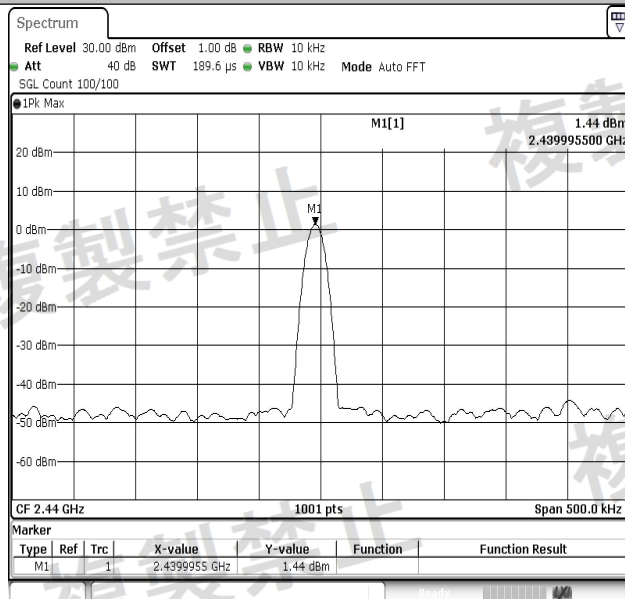
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

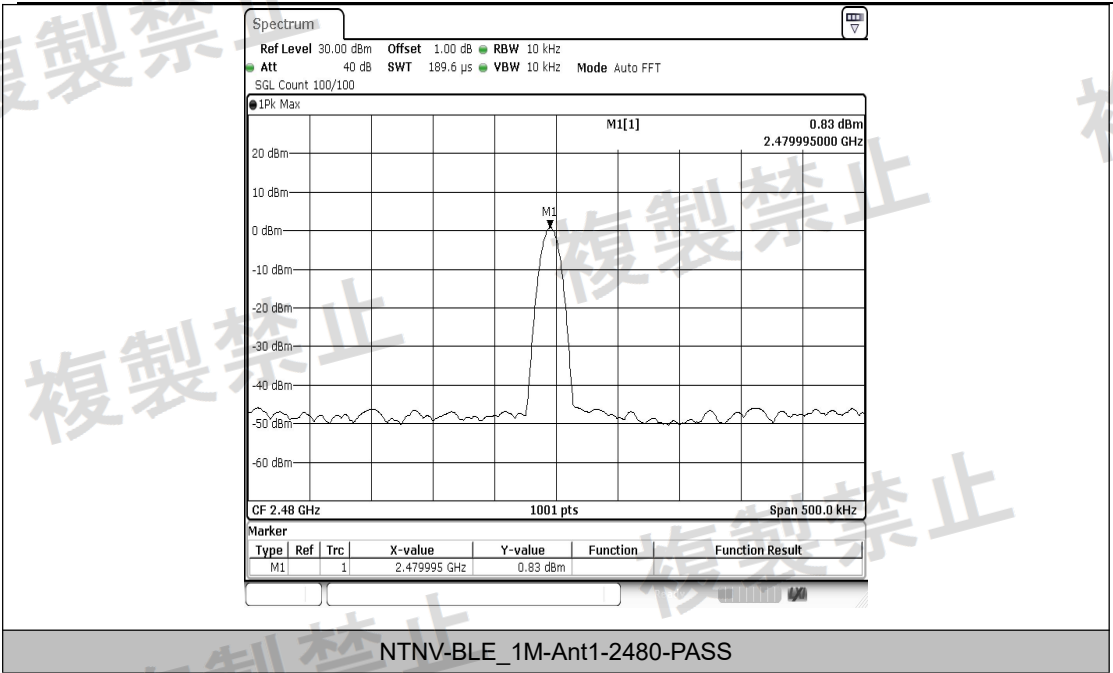


NTNV-BLE_1M-Ant1-2402-PASS



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	2.84	1.9231	≤10	PASS
NTNV	BLE_1M	Ant1	2440	3.24	2.1086	≤10	PASS
NTNV	BLE_1M	Ant1	2480	2.44	1.7539	≤10	PASS

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

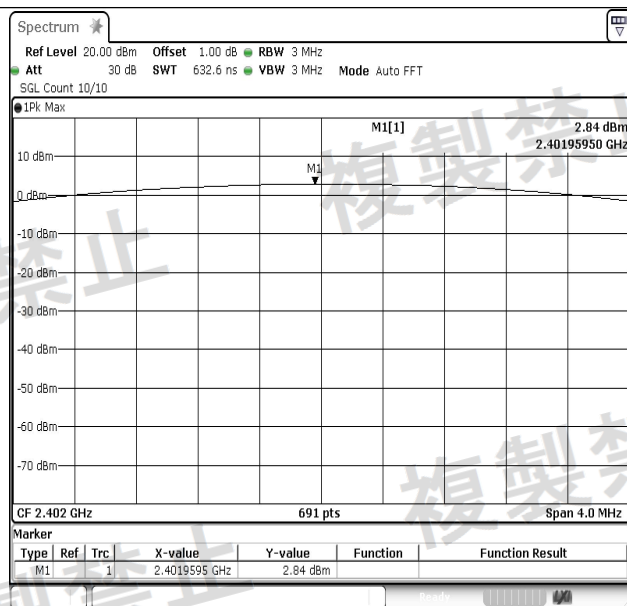
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.9231	2.5	-23.08	+20	PASS
NTNV	BLE_1M	Ant1	2440	2.1086	2.5	-15.65	+20	PASS
NTNV	BLE_1M	Ant1	2480	1.7539	2.5	-29.84	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	2.84	4.15	6.99	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	3.24	4.15	7.39	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	2.44	4.15	6.59	≤12.14	PASS

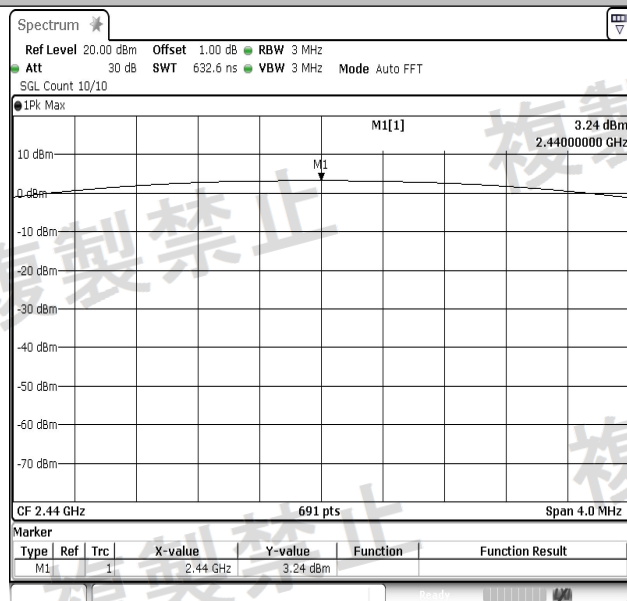
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

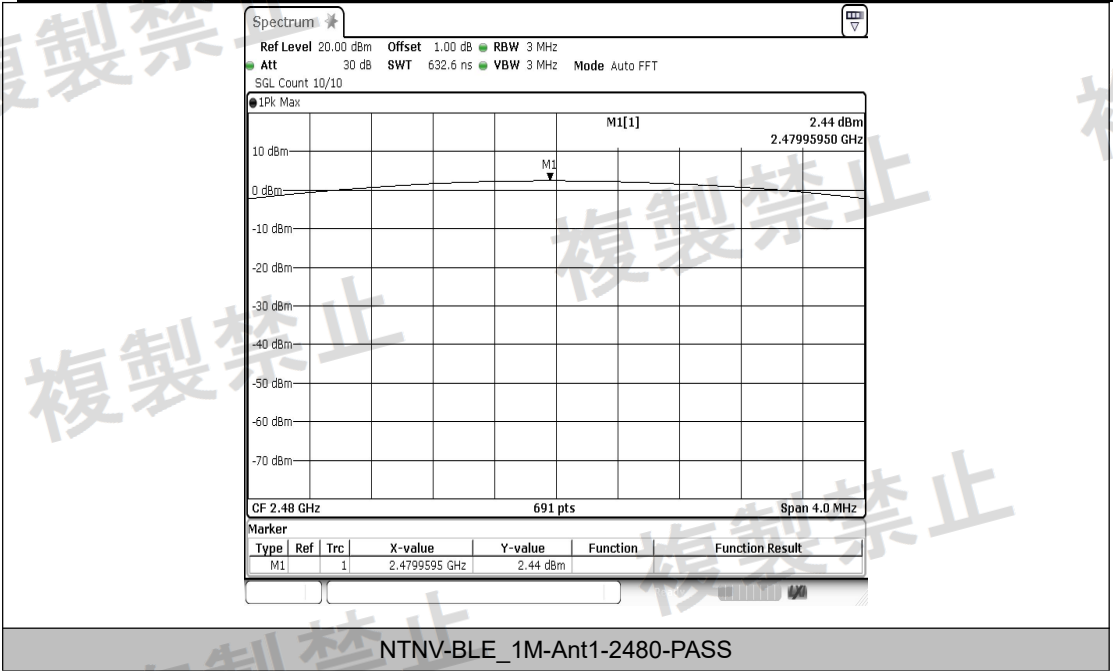


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





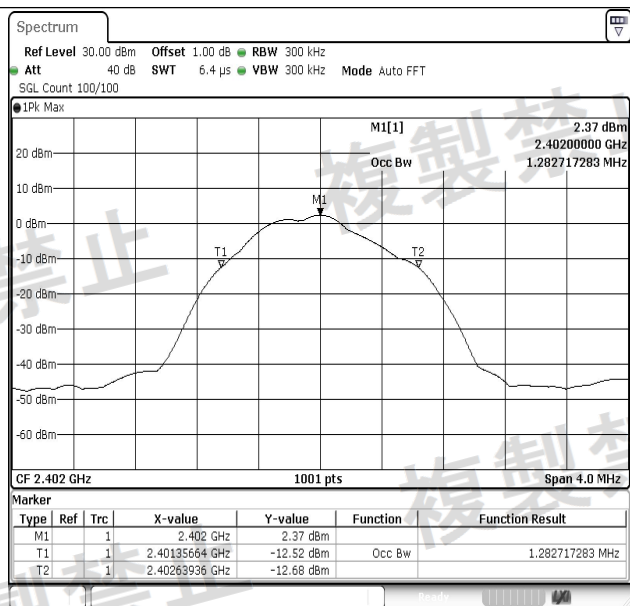
Appendix C: Occupied Bandwidth

Test Result

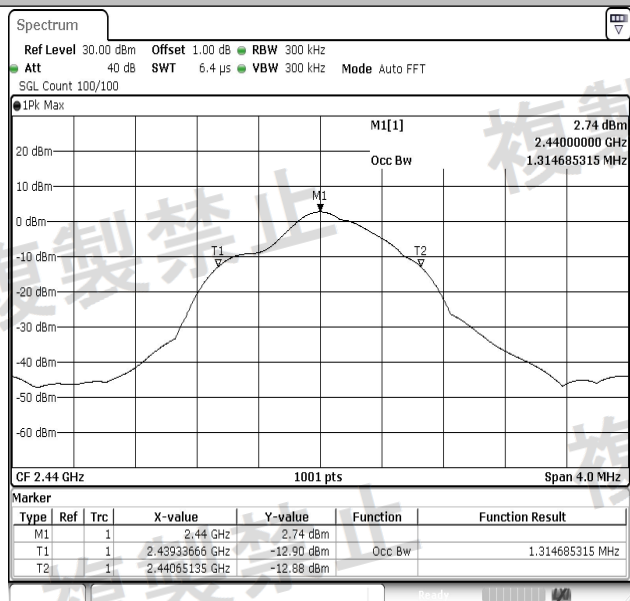
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.283	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.315	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.295	≤26	PASS



Test Graphs

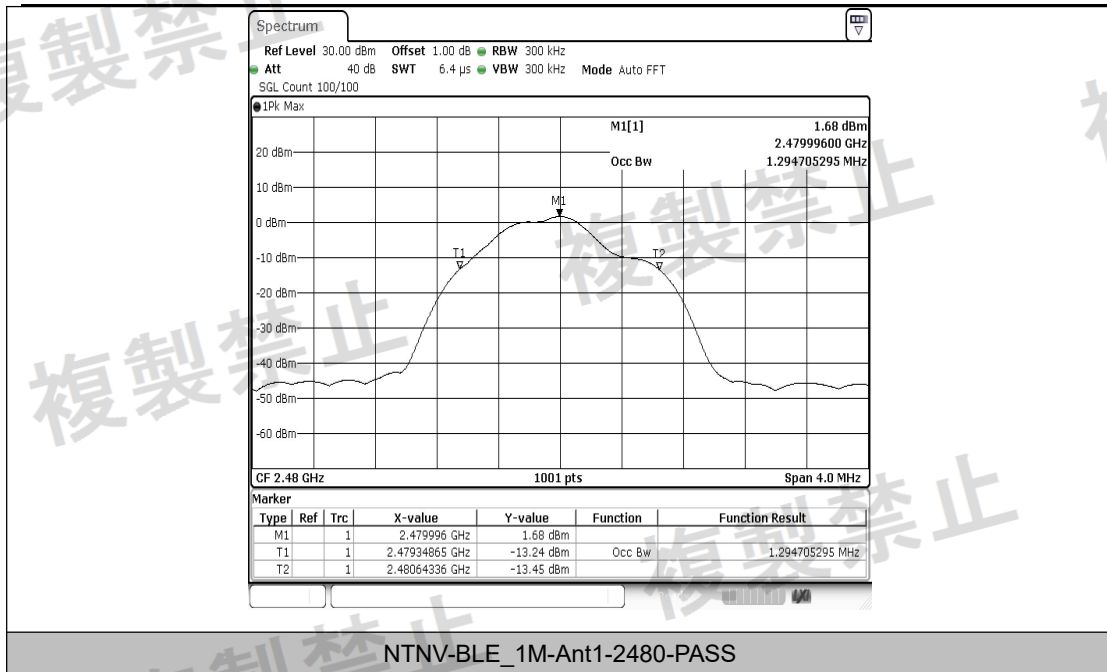


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





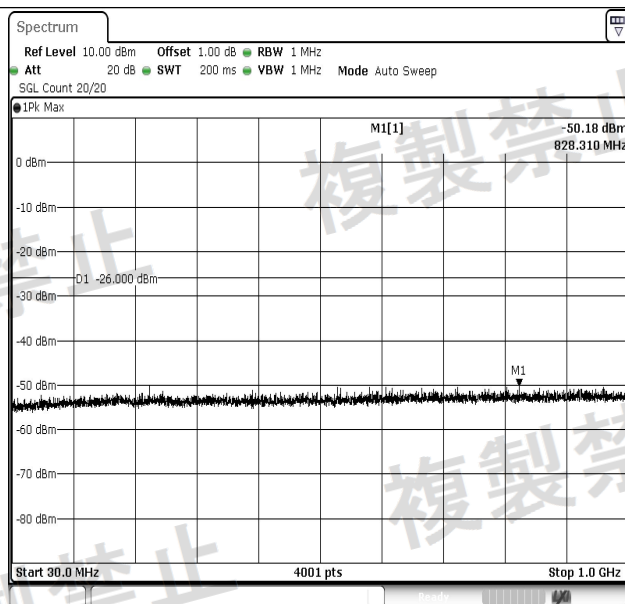
Appendix D: Spurious Emission of TX

Test Result

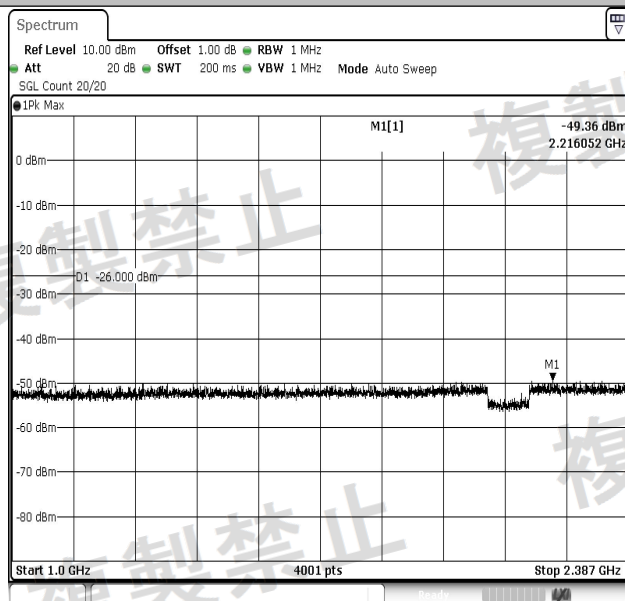
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	828.31	-50.18	≤-26	0.00959	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2216.05	-49.36	≤-26	0.01159	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-32.78	≤-16	0.52723	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2491.86	-38.28	≤-16	0.14859	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	6990.95	-44.40	≤-26	0.03631	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	807.46	-49.75	≤-26	0.01059	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2193.51	-48.35	≤-26	0.01462	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2388.17	-38.68	≤-16	0.13552	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2486.18	-37.67	≤-16	0.17100	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	6985.17	-44.32	≤-26	0.03698	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	916.58	-49.96	≤-26	0.01009	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	1977.84	-49.28	≤-26	0.01180	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2392.82	-38.77	≤-16	0.13274	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2485.41	-37.90	≤-16	0.16218	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6993.57	-44.21	≤-26	0.03793	≤2.5	PASS



Test Graphs

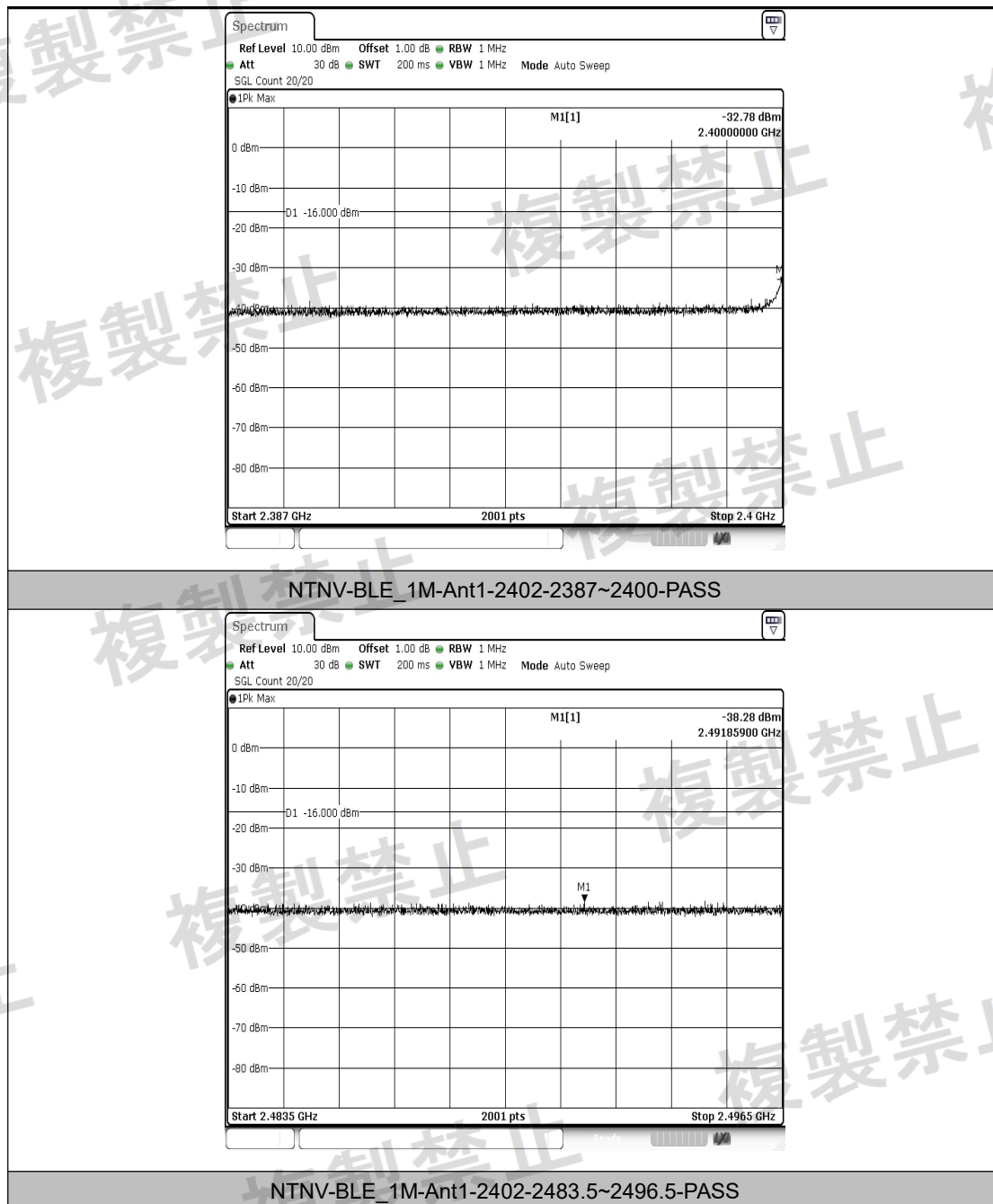


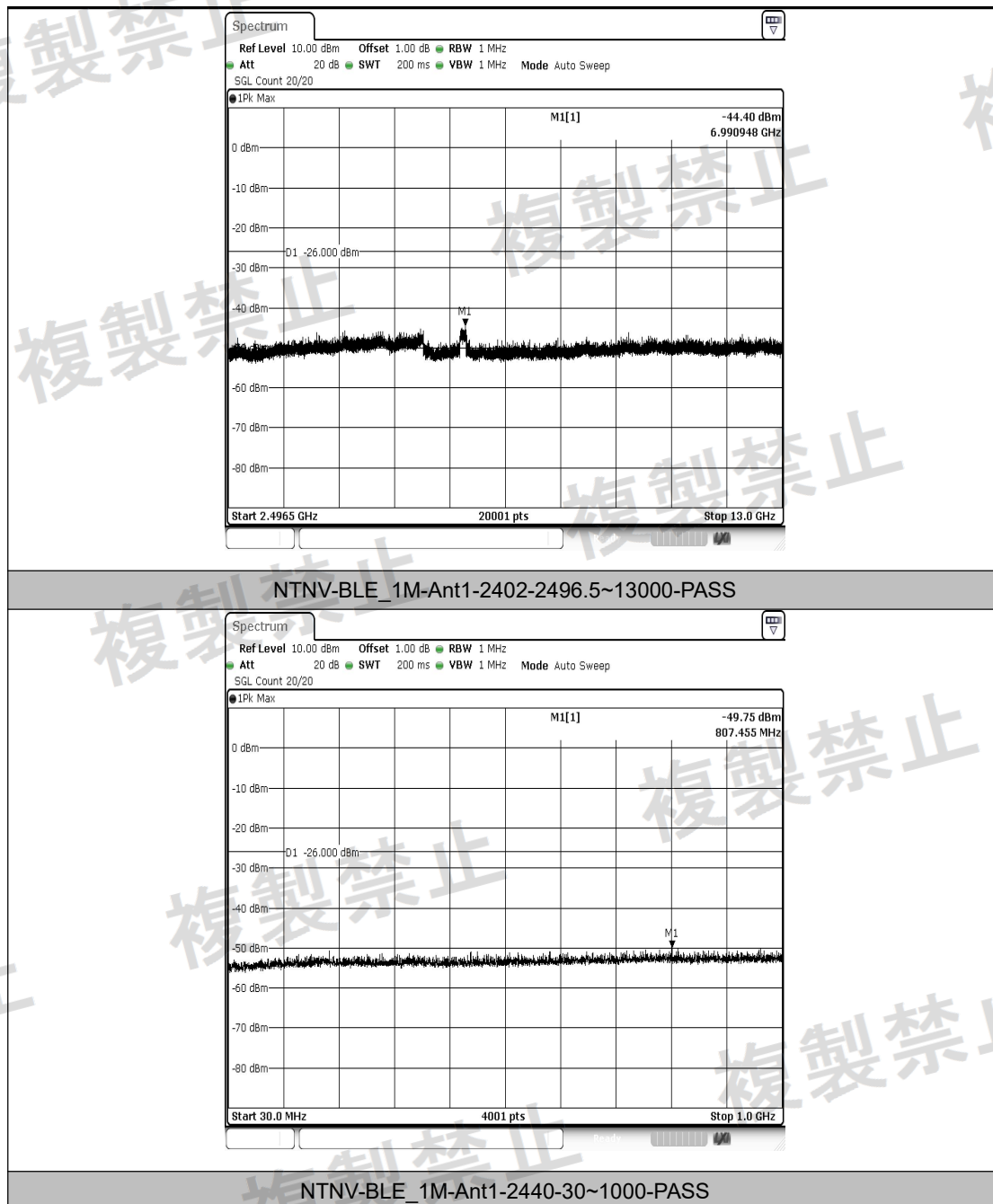
NTNV-BLE_1M-Ant1-2402-30~1000-PASS

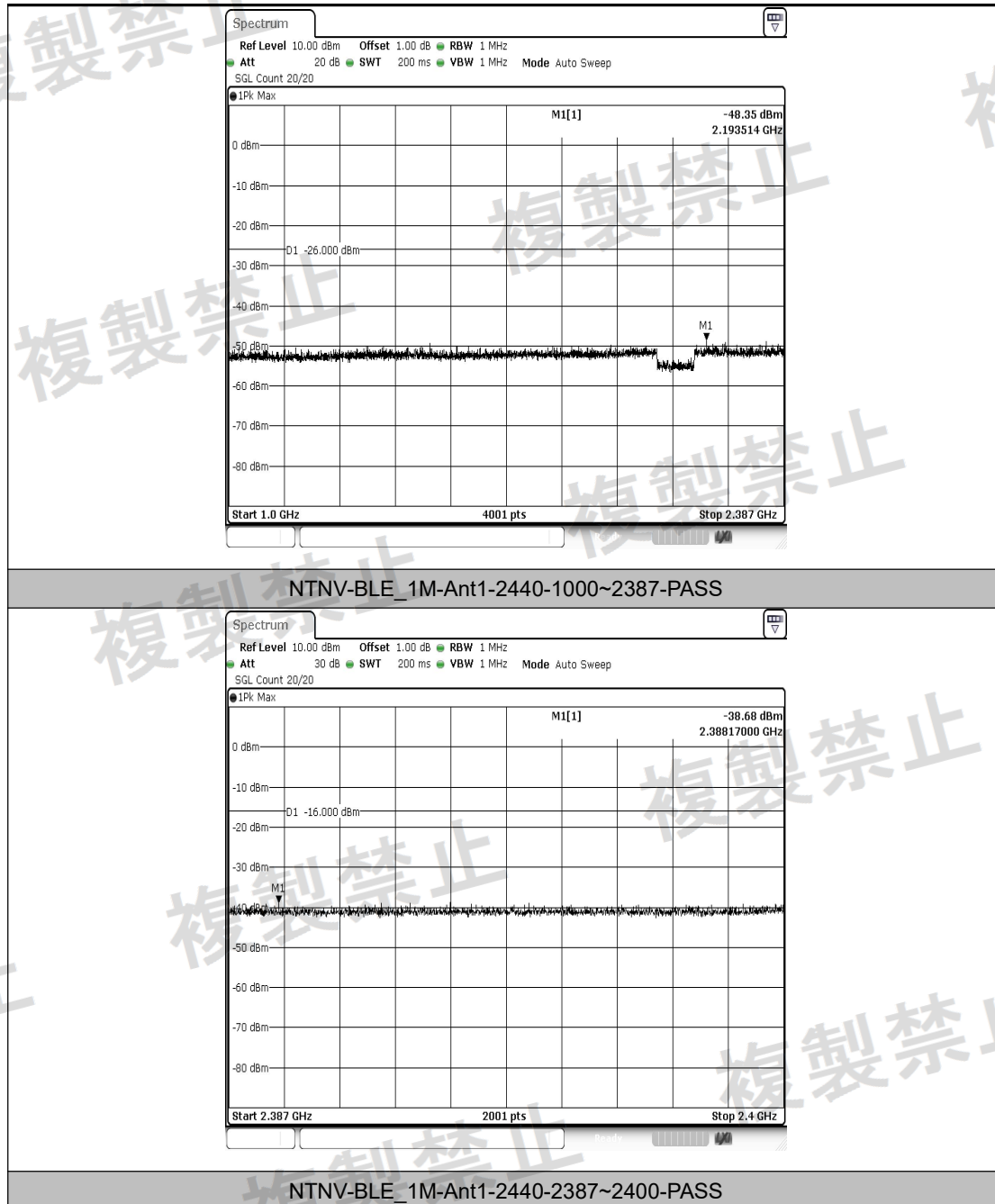


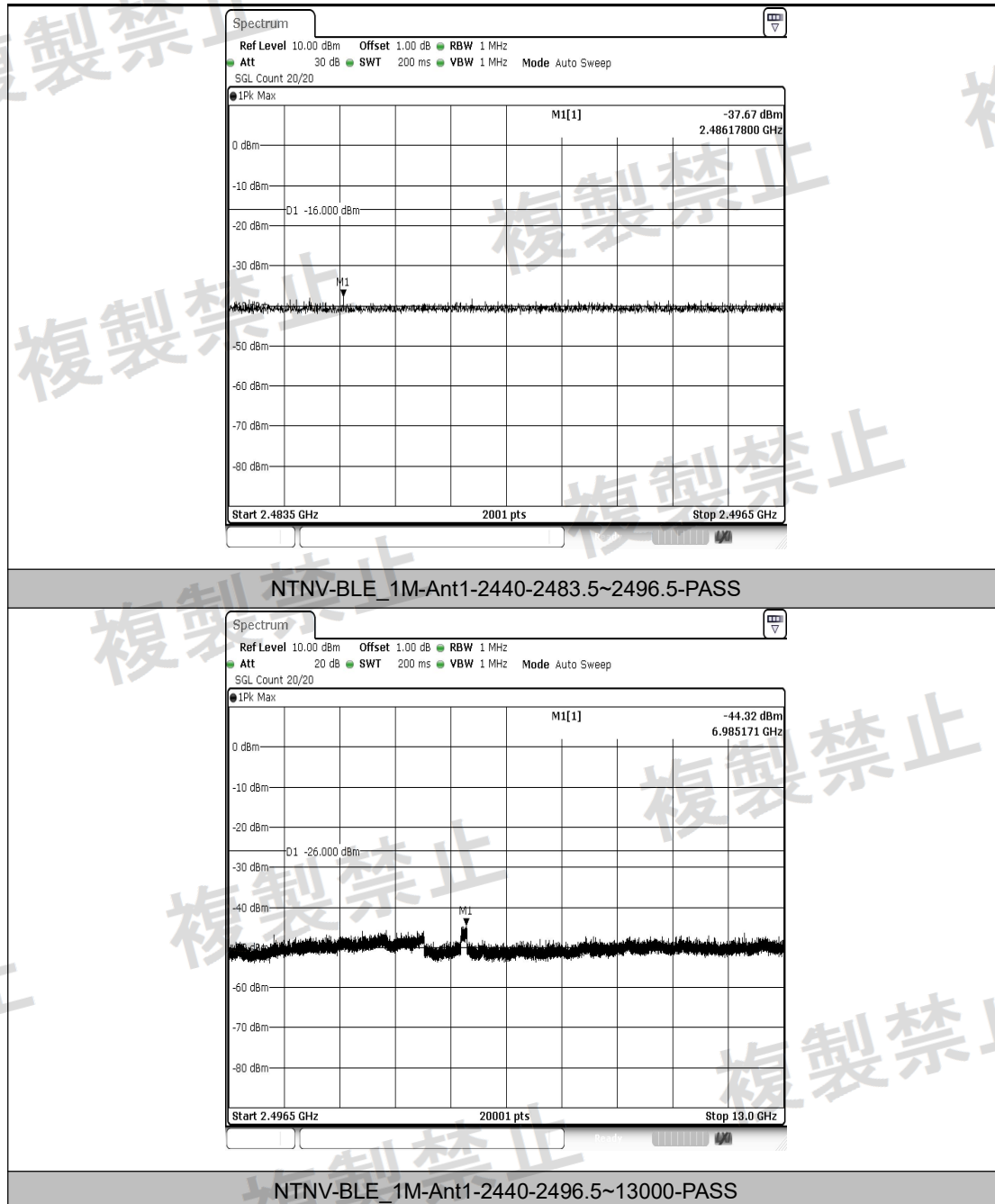
NTNV-BLE_1M-Ant1-2402-1000~2387-PASS

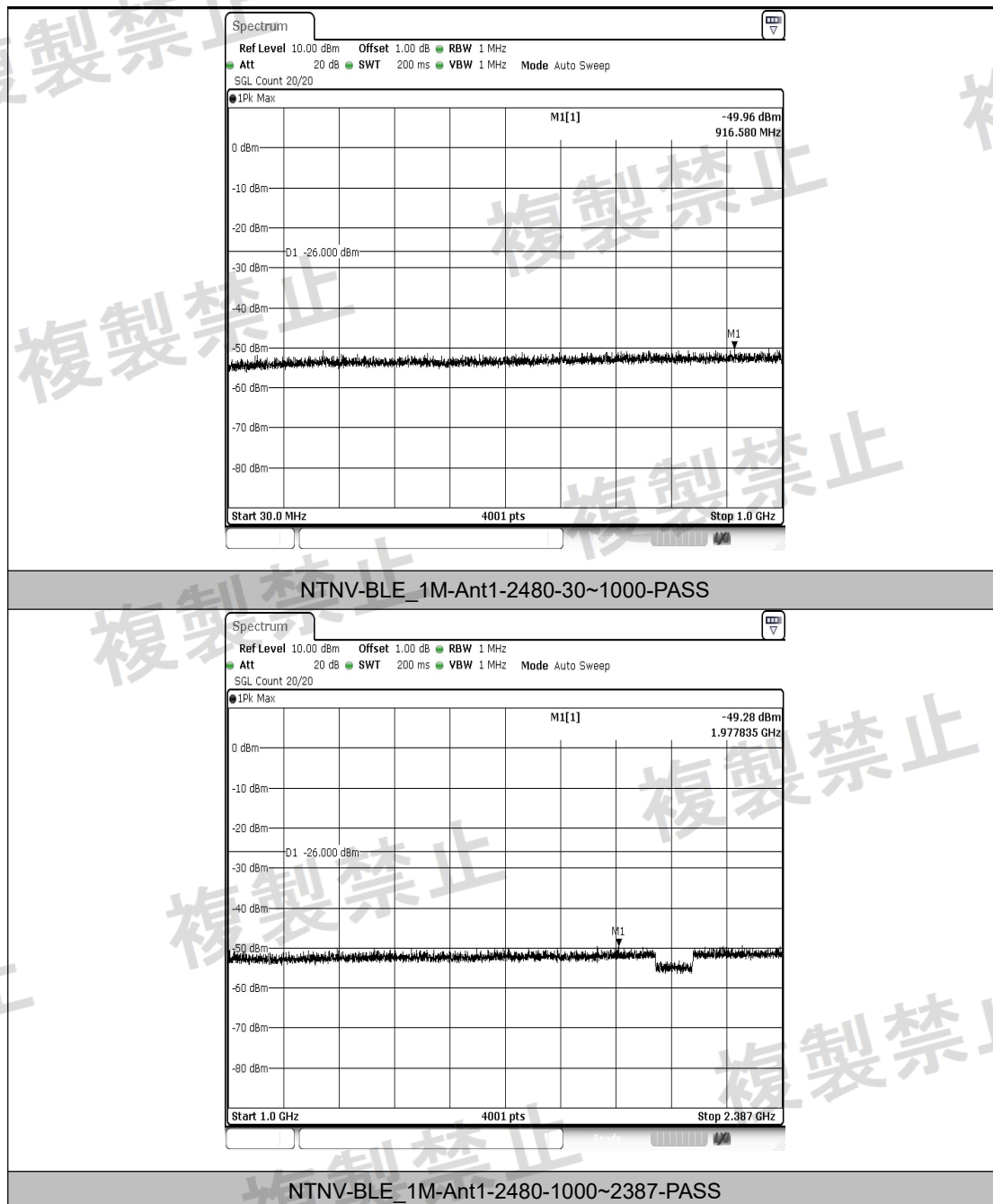


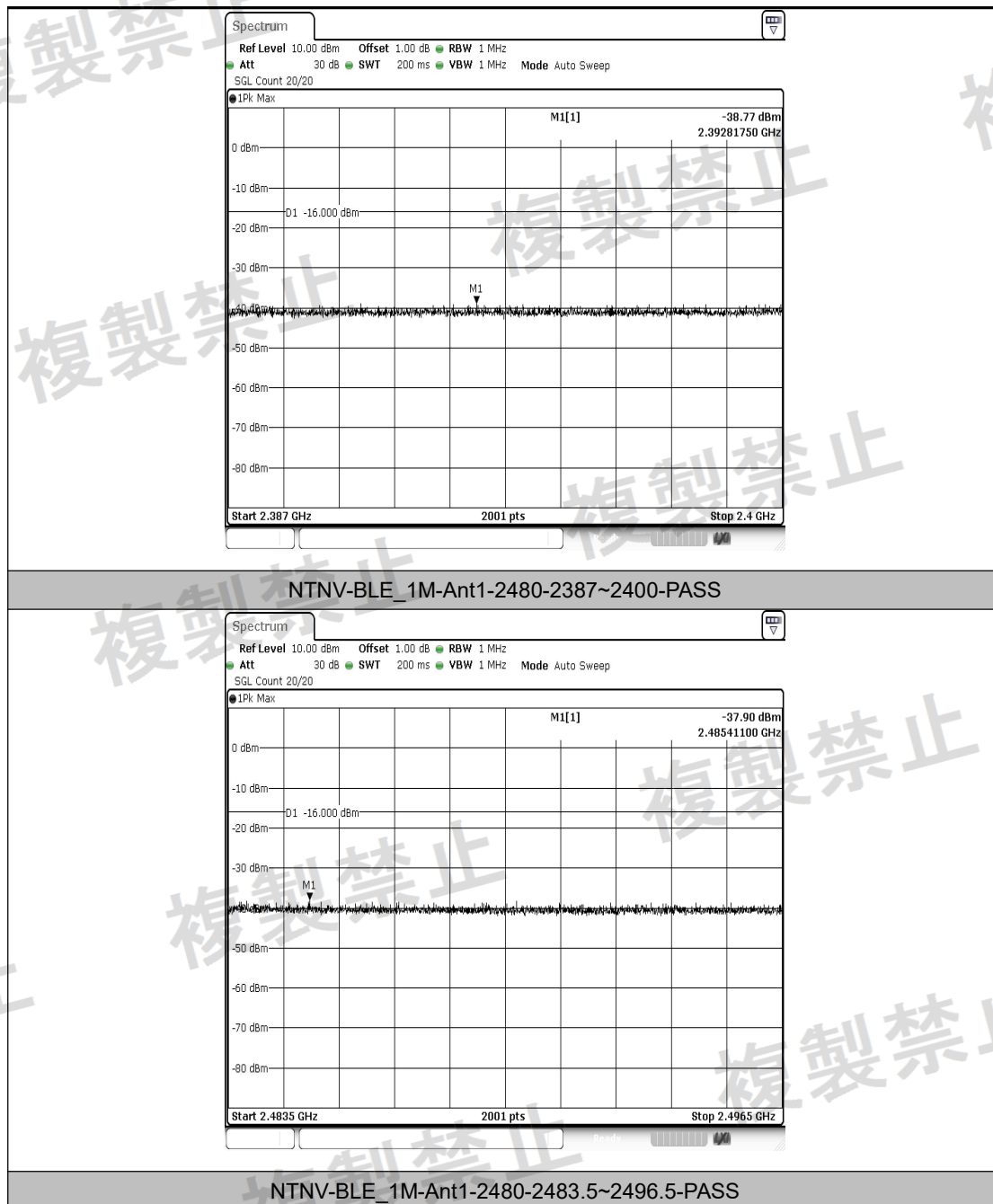


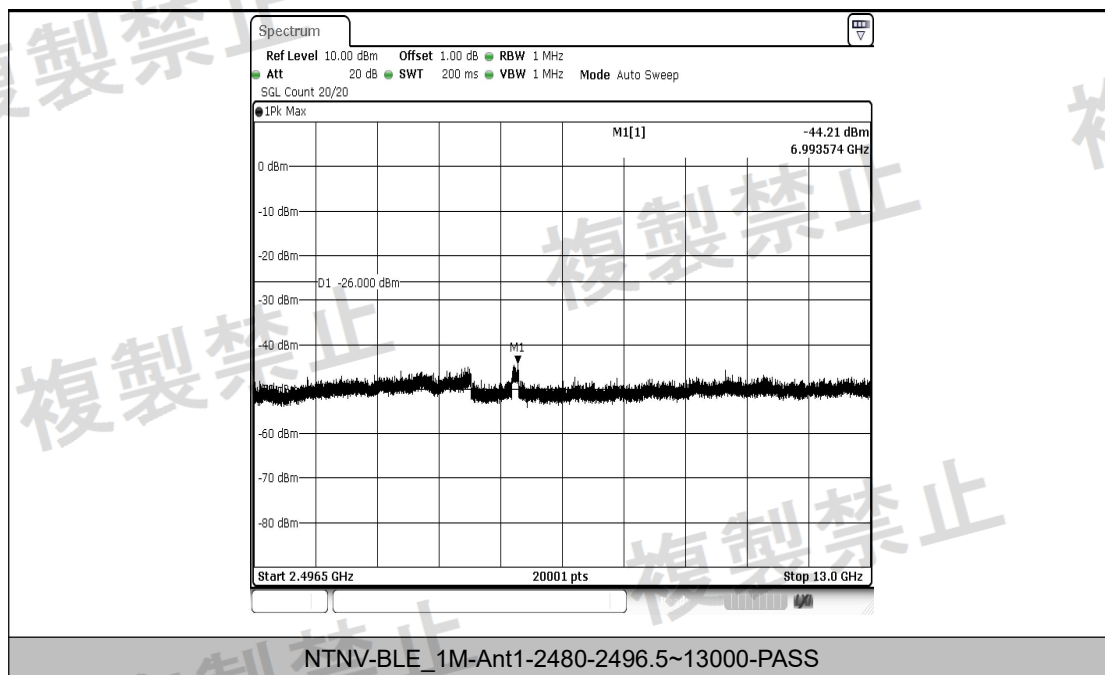










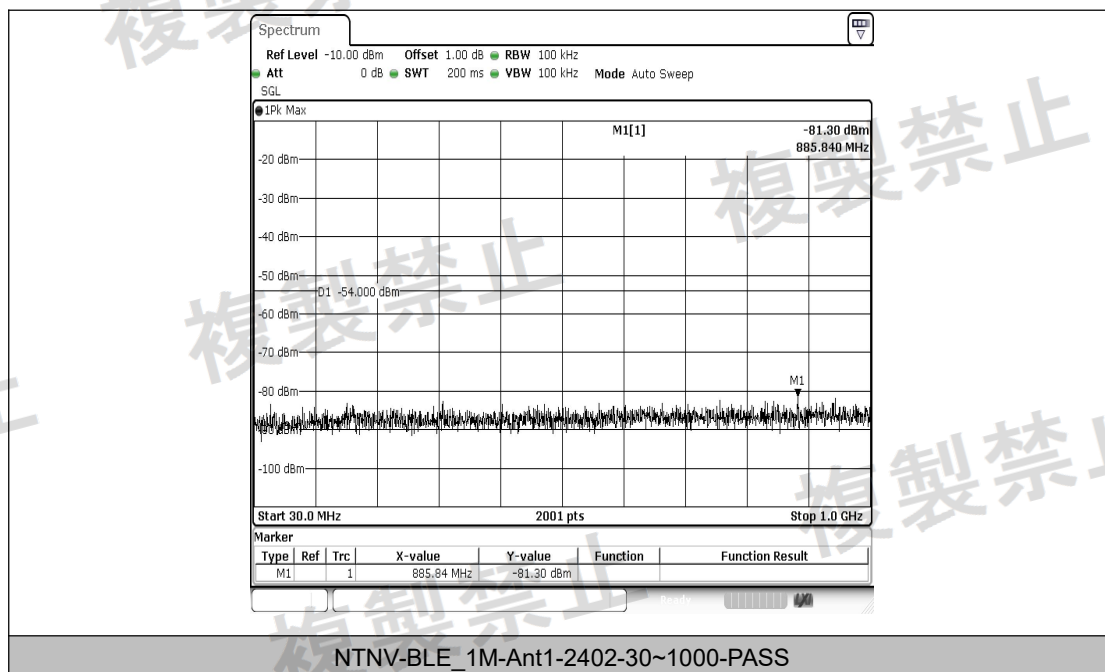


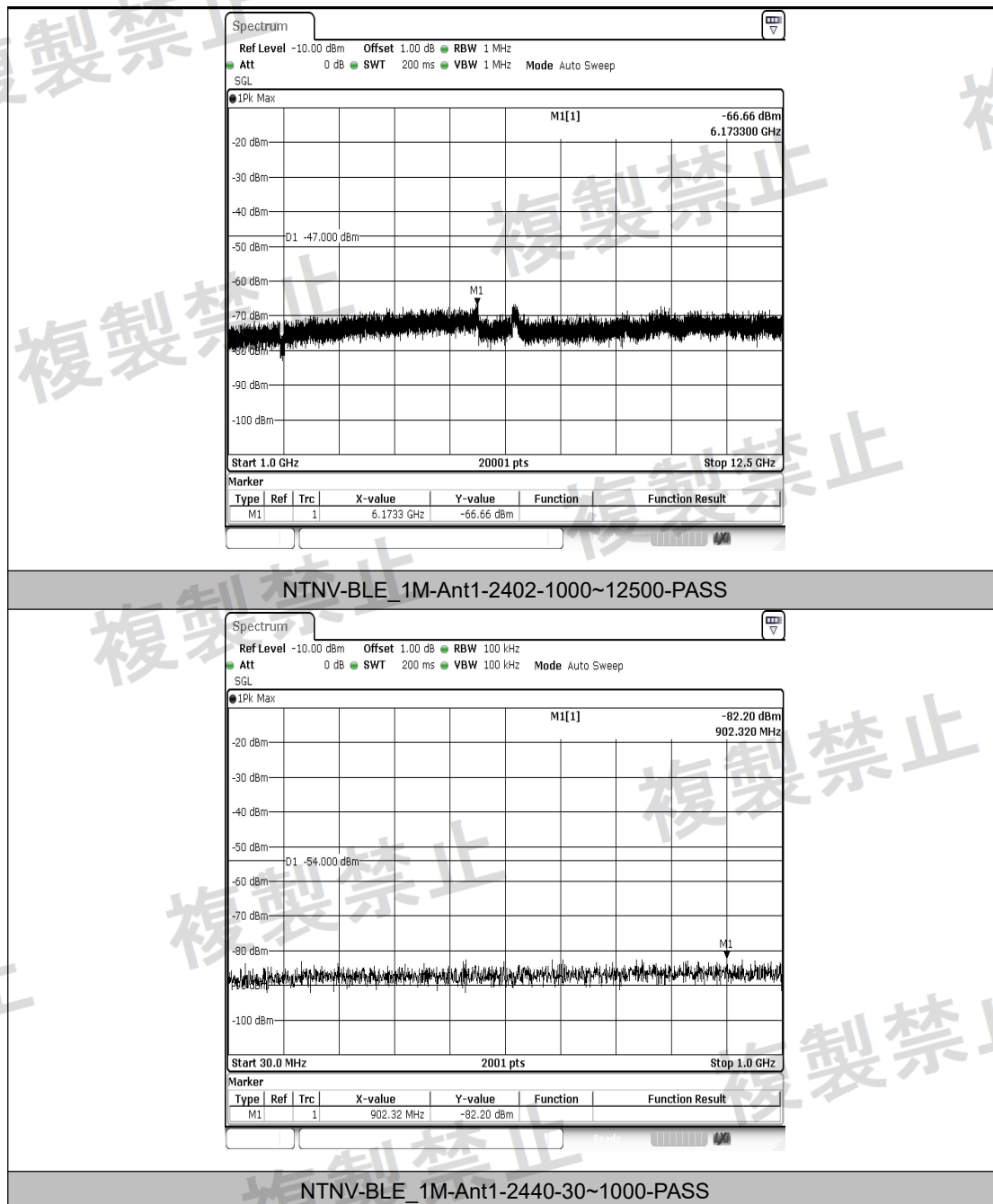
Appendix E: Spurious Emission of RX

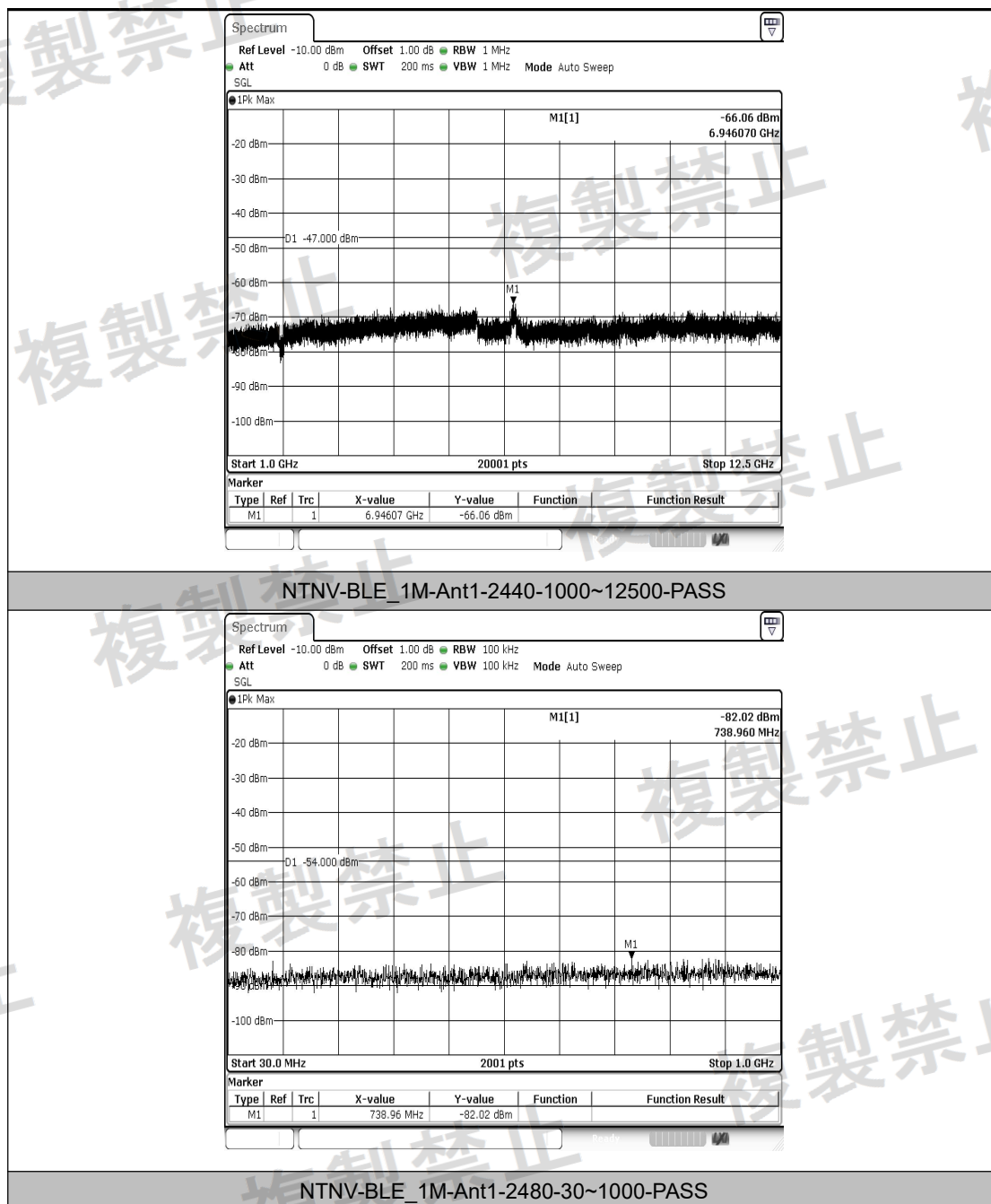
Test Result

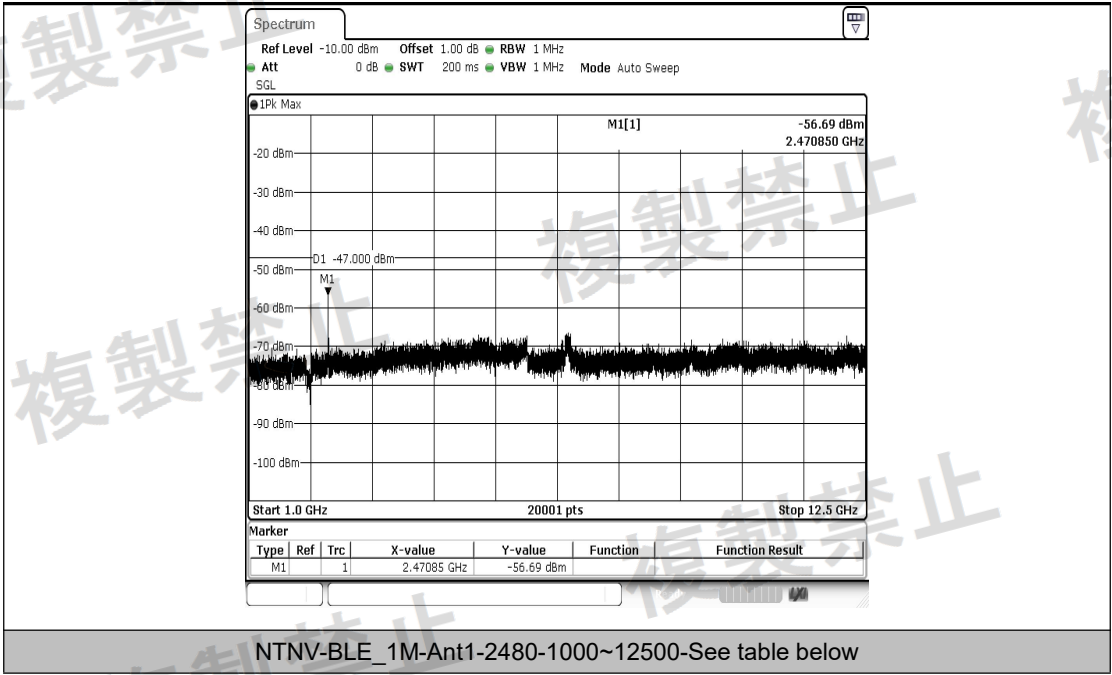
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	885.84	-81.30	≤-54	0.00741	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6173.30	-66.66	≤-47	0.21577	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	902.32	-82.20	≤-54	0.00603	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6946.07	-66.06	≤-47	0.24774	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	738.96	-82.02	≤-54	0.00628	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	2470.85	-56.69	≤-47	2.14289	≤20	See table below

Test Graphs









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