

Appendix Test Data

Report No.:	9812C60005812502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-17	Finish Test Date:	2026-8-17
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.7℃	Relative Humidity:	57%
Pressure:	101kPa		



Appendix A: Frequency Error

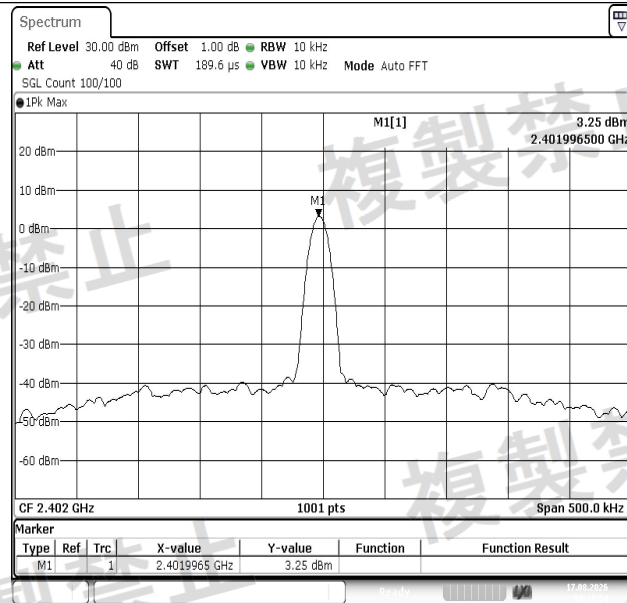
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.9965	-1.45712	±50	PASS
NTNV	CW	Ant1	2440	2439.997	-1.22951	±50	PASS
NTNV	CW	Ant1	2480	2479.9965	-1.41129	±50	PASS

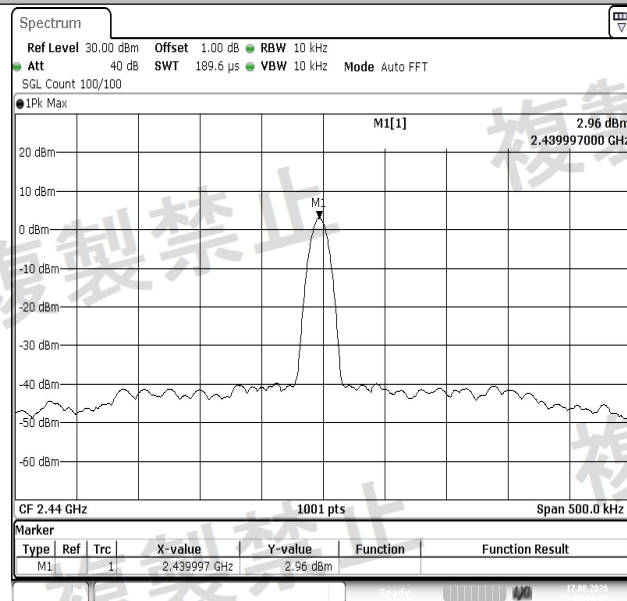
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

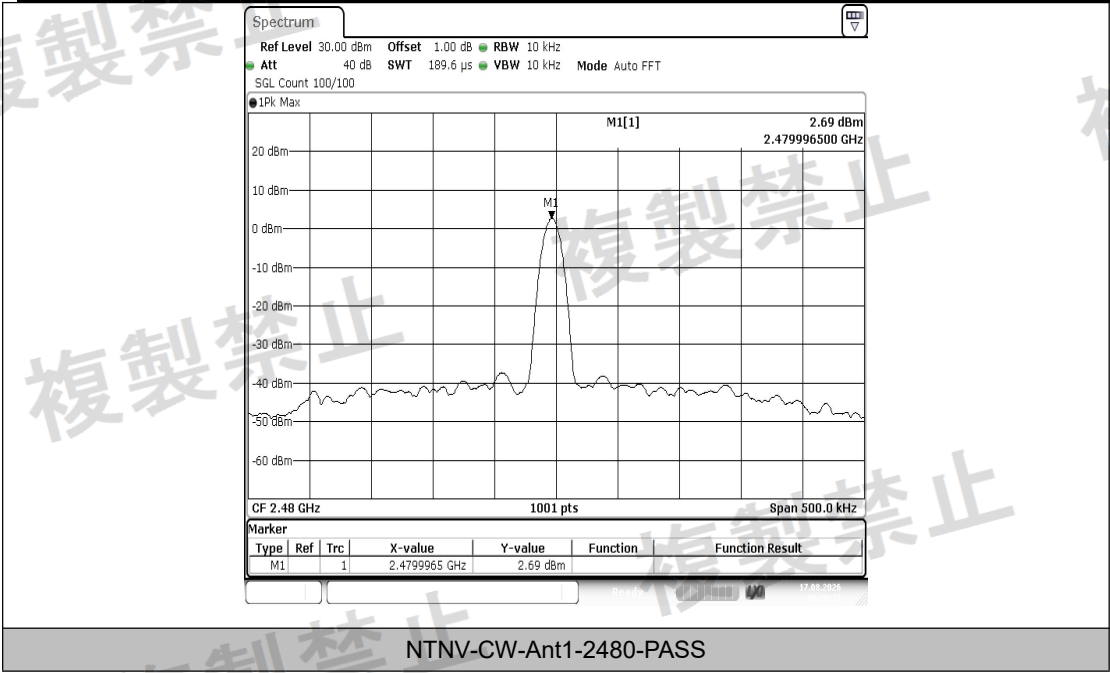


NTNV-CW-Ant1-2402-PASS



NTNV-CW-Ant1-2440-PASS





Appendix B: Antenna Power

Test Result

Test Condition	TestMode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTNV	2.4G	Ant1	2402	2.70	1.8620	≤10	PASS
NTNV	2.4G	Ant1	2440	2.39	1.7338	≤10	PASS
NTNV	2.4G	Ant1	2480	2.50	1.7782	≤10	PASS

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

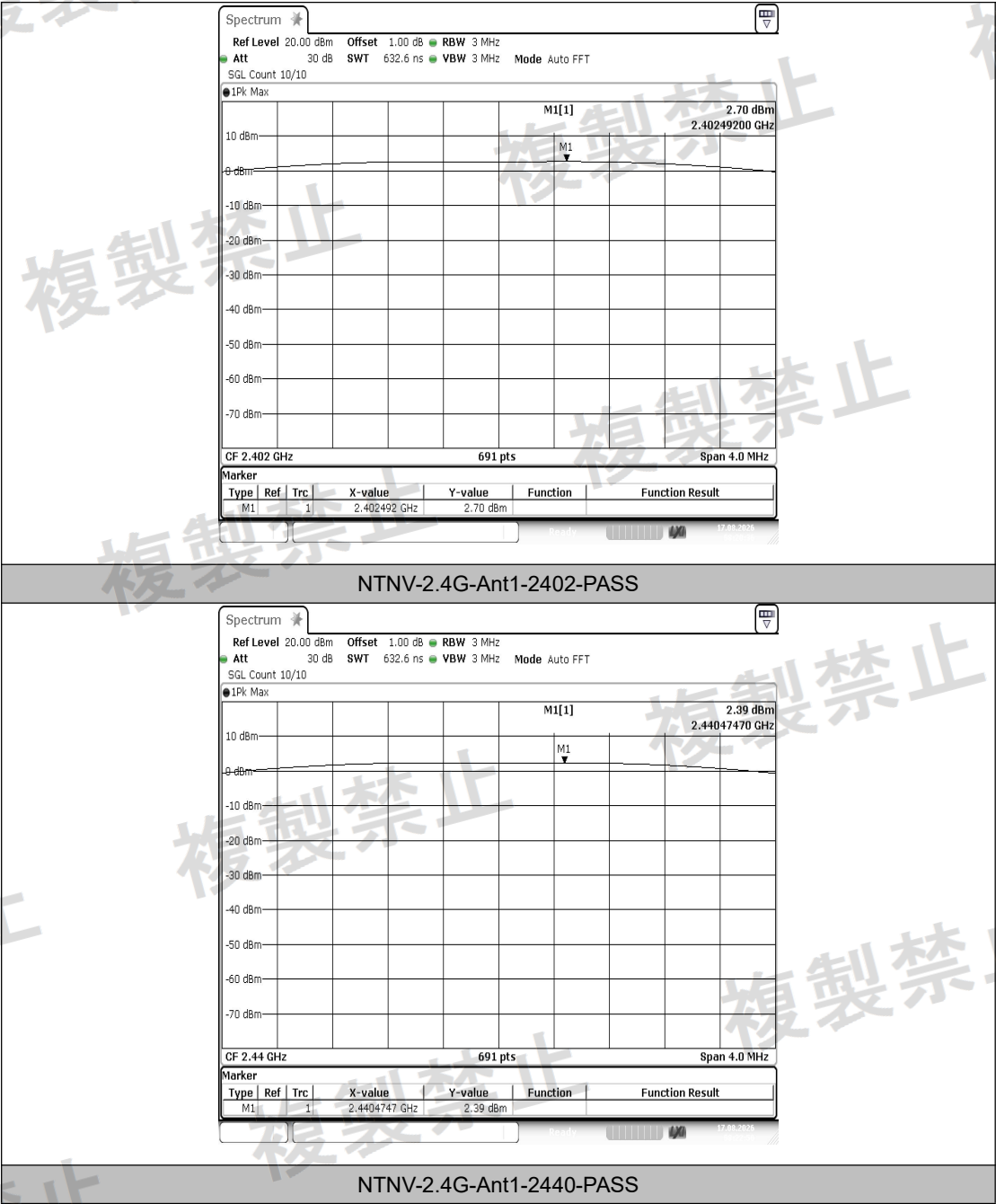
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	2.4G	Ant1	2402	1.862	2	-6.90	+20	PASS
NTNV	2.4G	Ant1	2440	1.7338	2	-13.31	+20	PASS
NTNV	2.4G	Ant1	2480	1.7782	2	-11.09	+20	PASS

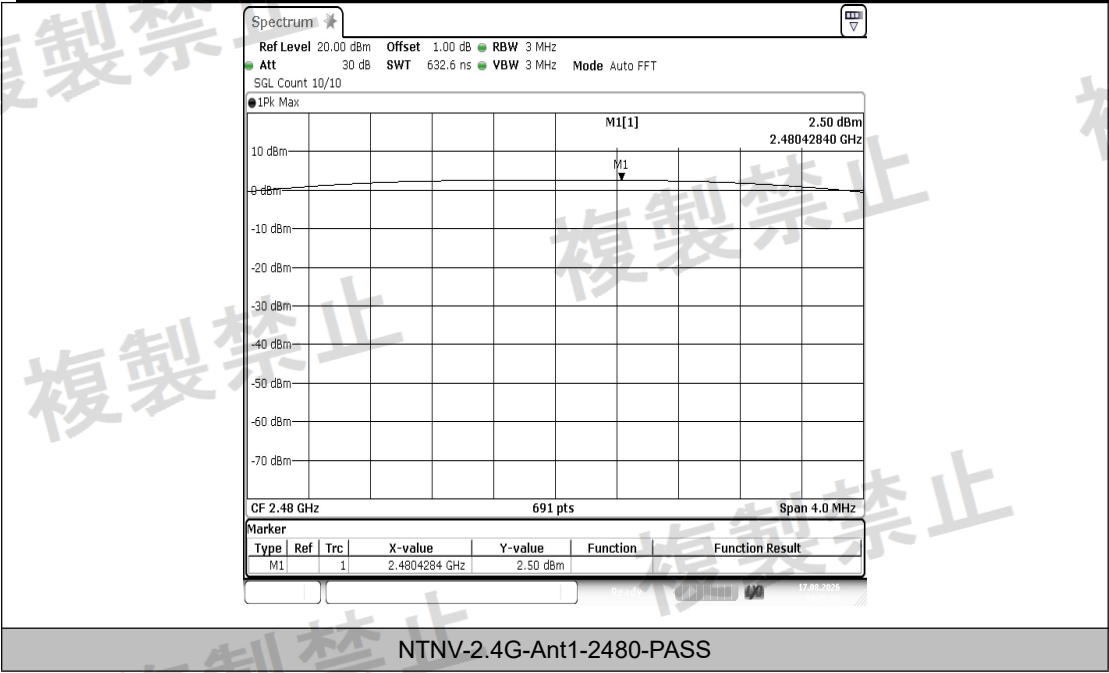
Test Condition	Test Mode	Antenna	Freq. [MHz]	Result [dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	2.4G	Ant1	2402	2.70	2.59	5.29	≤12.14	PASS
NTNV	2.4G	Ant1	2440	2.39	2.59	4.98	≤12.14	PASS
NTNV	2.4G	Ant1	2480	2.50	2.59	5.09	≤12.14	PASS

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



Test Graphs





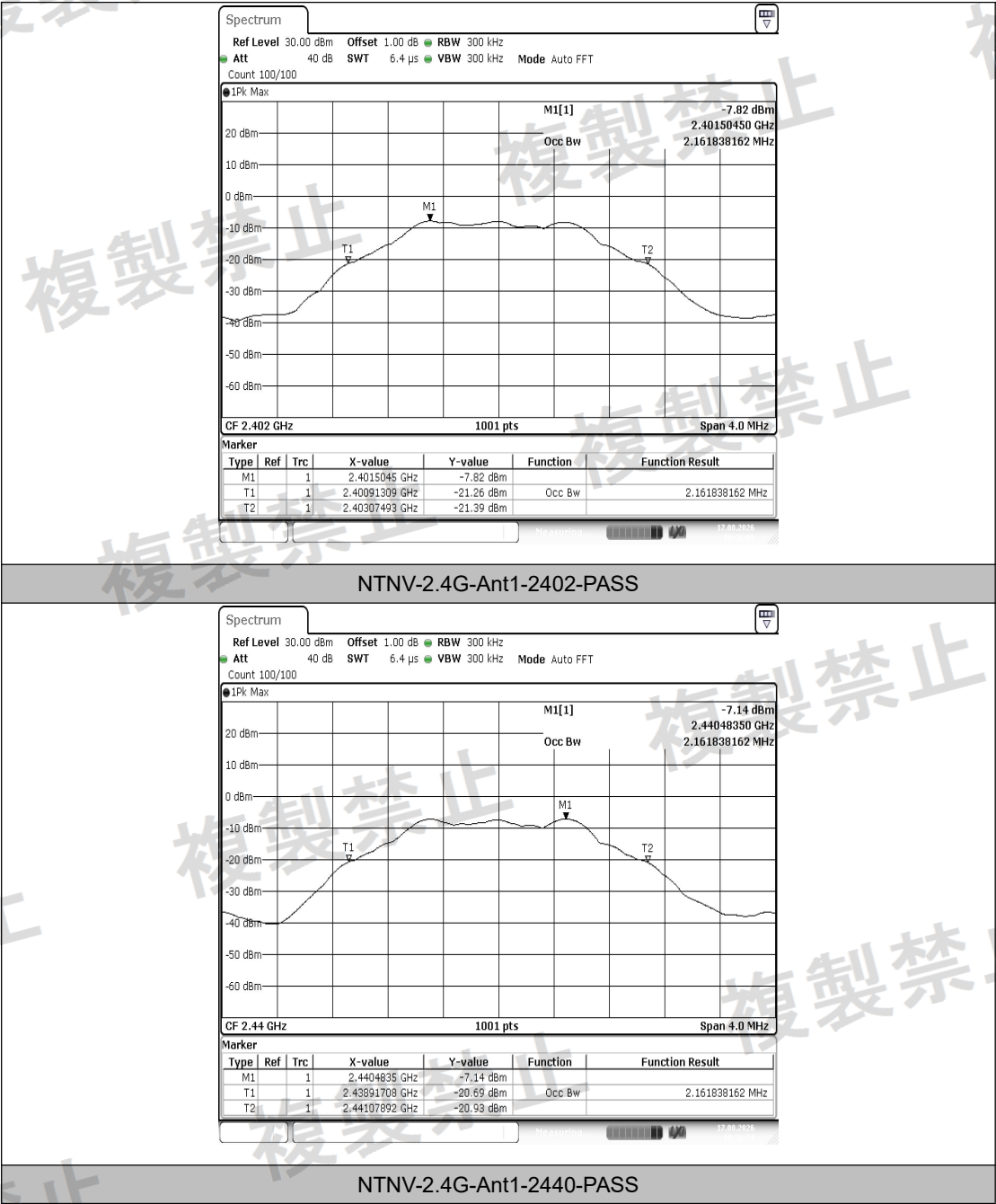
Appendix C: Occupied Bandwidth

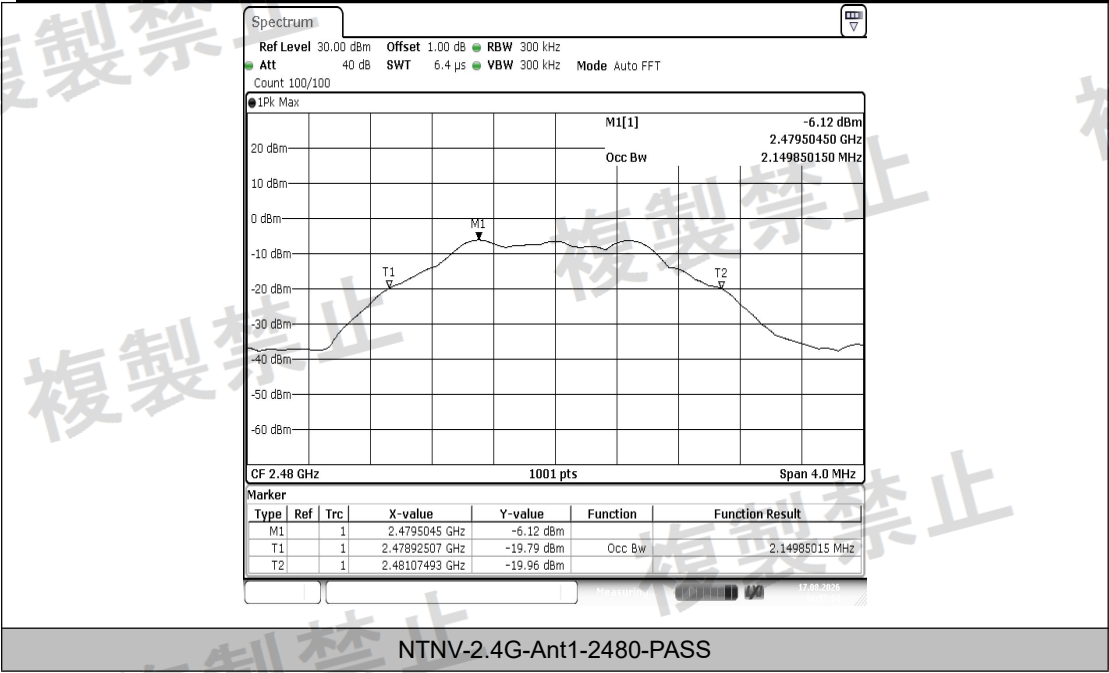
Test Result

Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2402	2.162	≤26	PASS
NTNV	2.4G	Ant1	2440	2.162	≤26	PASS
NTNV	2.4G	Ant1	2480	2.150	≤26	PASS



Test Graphs





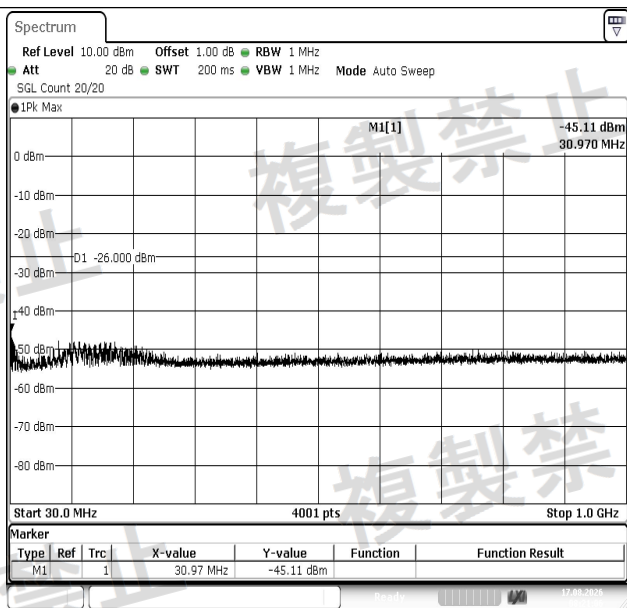
Appendix D: Spurious Emission of TX

Test Result

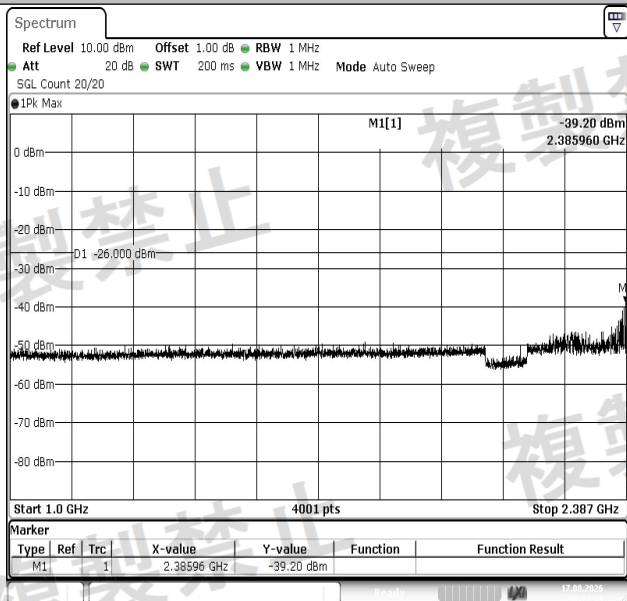
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	30.97	-45.11	≤-26	0.03083	≤2.5	PASS
NTNV	2.4G	Ant1	2402	1000~2387	2385.96	-39.20	≤-26	0.12023	≤2.5	PASS
NTNV	2.4G	Ant1	2402	2387~2400	2400.00	-19.86	≤-16	10.32761	≤25	PASS
NTNV	2.4G	Ant1	2402	2483.5~2496.5	2494.57	-37.85	≤-16	0.16406	≤25	PASS
NTNV	2.4G	Ant1	2402	2496.5~13000	4803.07	-43.69	≤-26	0.04276	≤2.5	PASS
NTNV	2.4G	Ant1	2440	30~1000	30.49	-45.30	≤-26	0.02951	≤2.5	PASS
NTNV	2.4G	Ant1	2440	1000~2387	2293.72	-46.06	≤-26	0.02477	≤2.5	PASS
NTNV	2.4G	Ant1	2440	2387~2400	2394.55	-38.46	≤-16	0.14256	≤25	PASS
NTNV	2.4G	Ant1	2440	2483.5~2496.5	2494.73	-37.16	≤-16	0.19231	≤25	PASS
NTNV	2.4G	Ant1	2440	2496.5~13000	4879.22	-41.99	≤-26	0.06324	≤2.5	PASS
NTNV	2.4G	Ant1	2480	30~1000	30.97	-45.62	≤-26	0.02742	≤2.5	PASS
NTNV	2.4G	Ant1	2480	1000~2387	2351.28	-45.40	≤-26	0.02884	≤2.5	PASS
NTNV	2.4G	Ant1	2480	2387~2400	2395.63	-38.10	≤-16	0.15488	≤25	PASS
NTNV	2.4G	Ant1	2480	2483.5~2496.5	2483.61	-26.14	≤-16	2.43220	≤25	PASS
NTNV	2.4G	Ant1	2480	2496.5~13000	7438.40	-40.32	≤-26	0.09290	≤2.5	PASS



Test Graphs

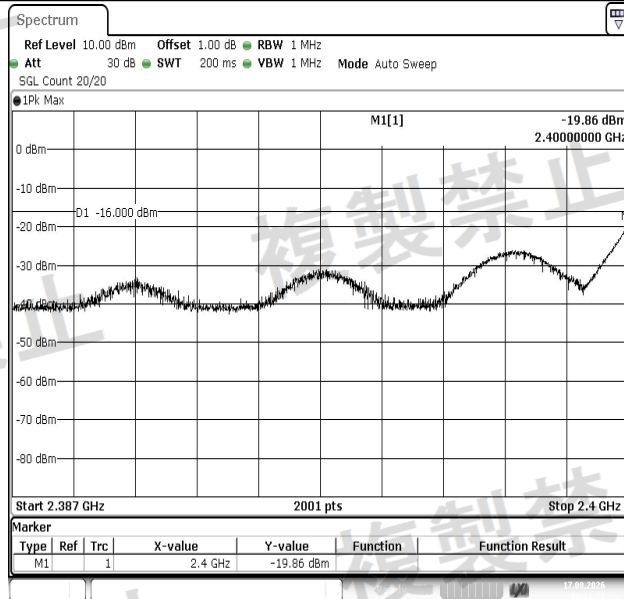


NTNV-2.4G-Ant1-2402-30~1000-PASS

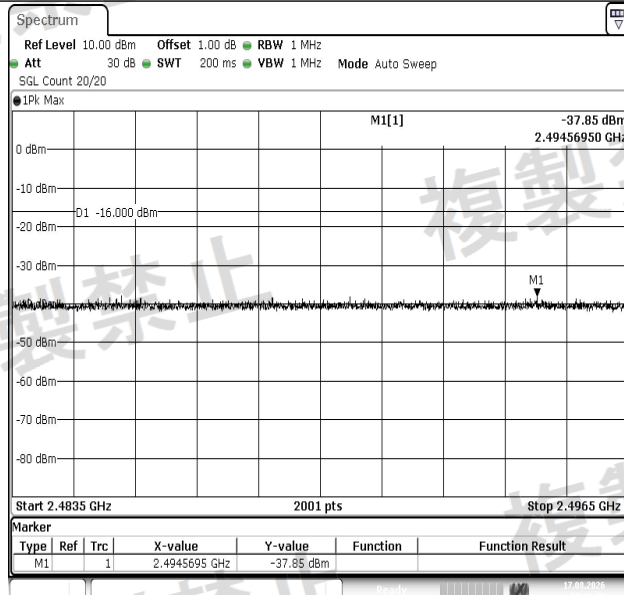


NTNV-2.4G-Ant1-2402-1000~2387-PASS



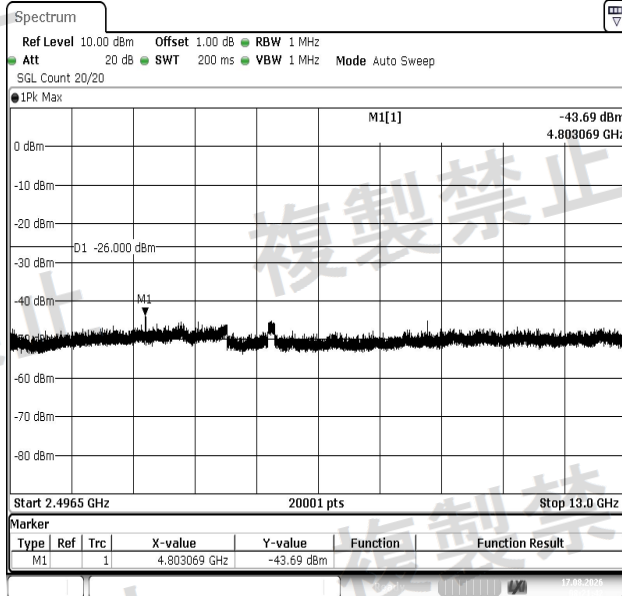


NTNV-2.4G-Ant1-2402-2387~2400-PASS

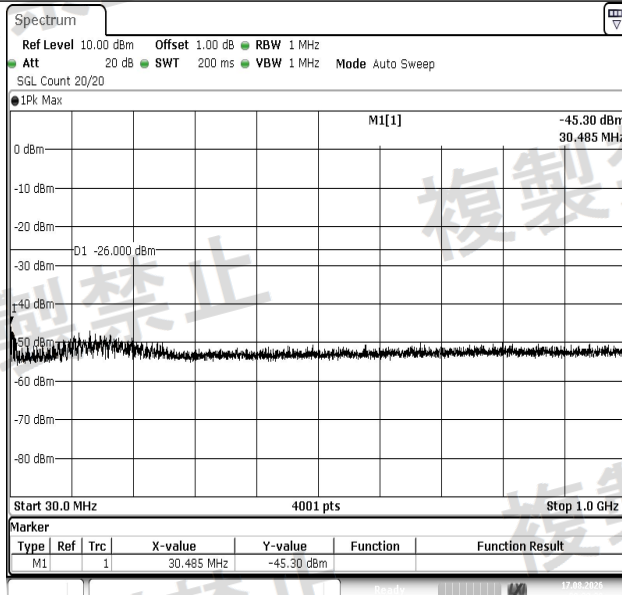


NTNV-2.4G-Ant1-2402-2483.5~2496.5-PASS



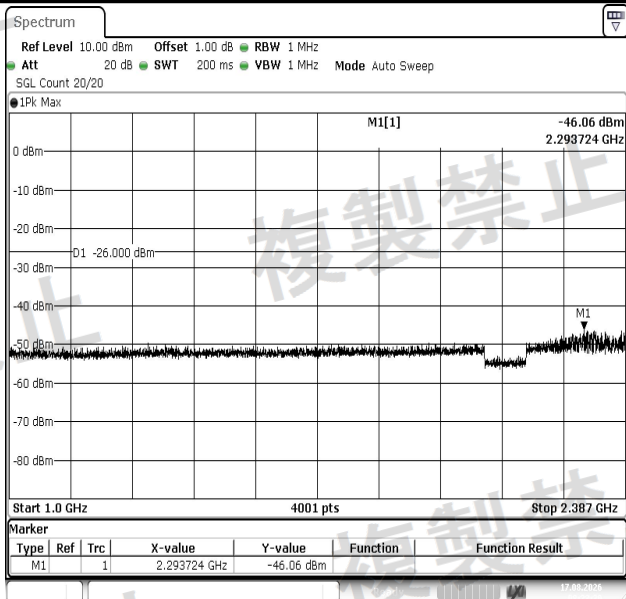


NTNV-2.4G-Ant1-2402-2496.5~13000-PASS

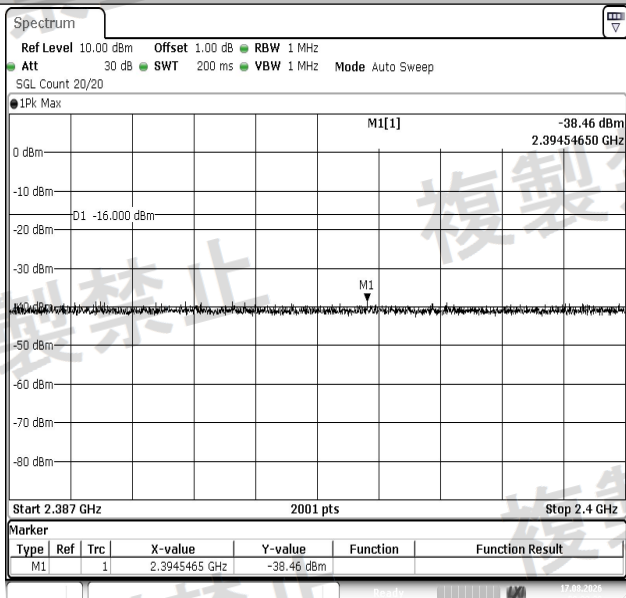


NTNV-2.4G-Ant1-2440-30~1000-PASS



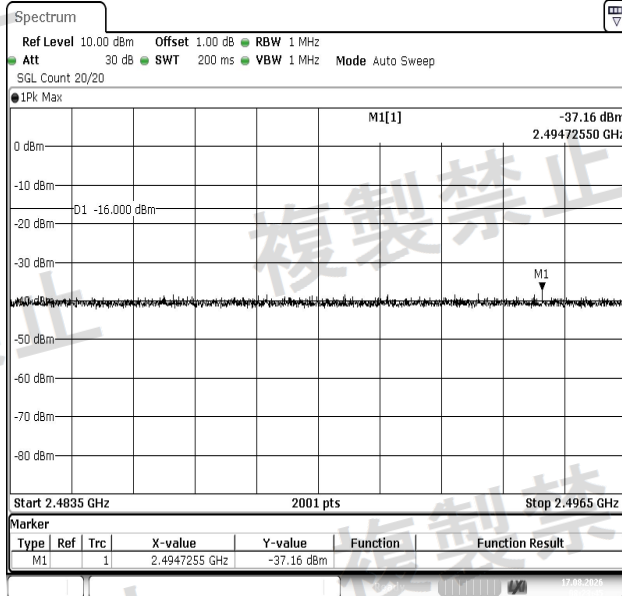


NTNV-2.4G-Ant1-2440-1000~2387-PASS

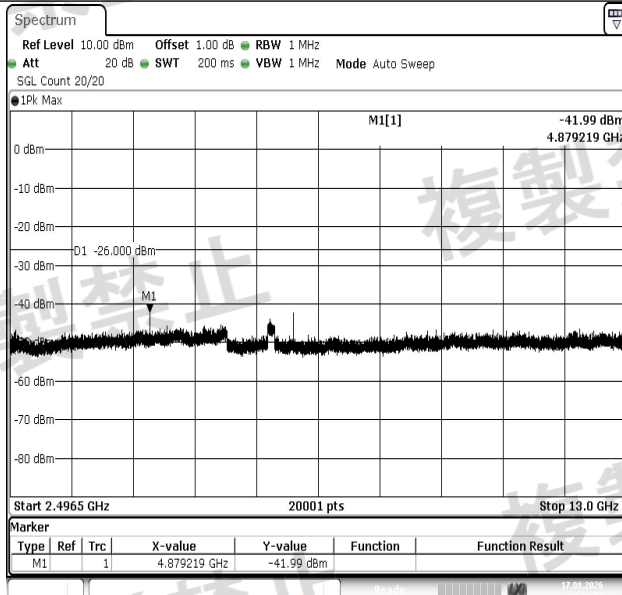


NTNV-2.4G-Ant1-2440-2387~2400-PASS



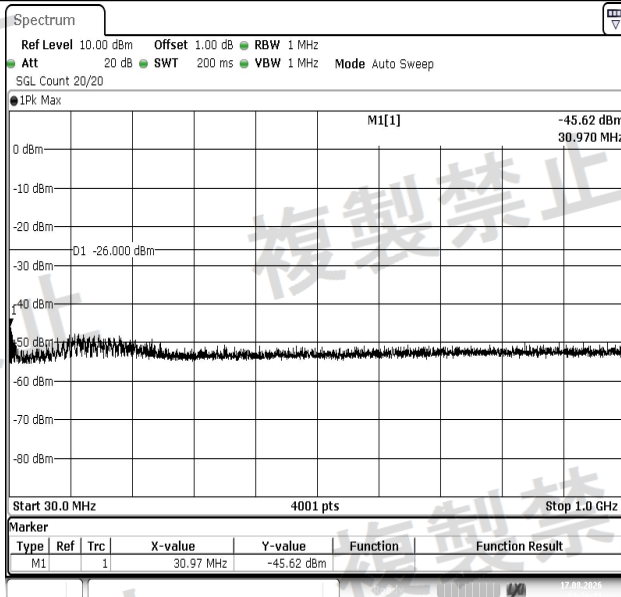


NTNV-2.4G-Ant1-2440-2483.5~2496.5-PASS

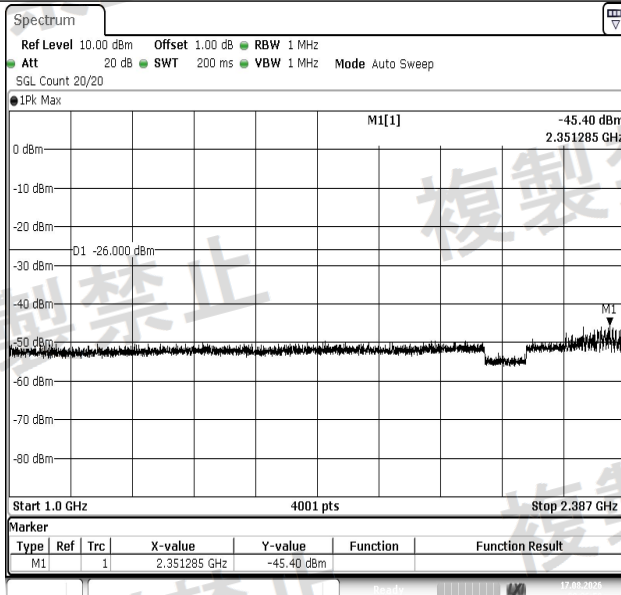


NTNV-2.4G-Ant1-2440-2496.5~13000-PASS



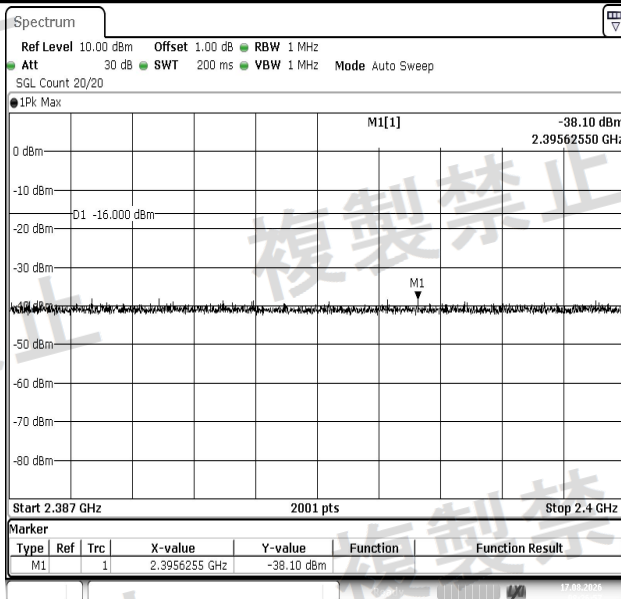


NTNV-2.4G-Ant1-2480-30~1000-PASS

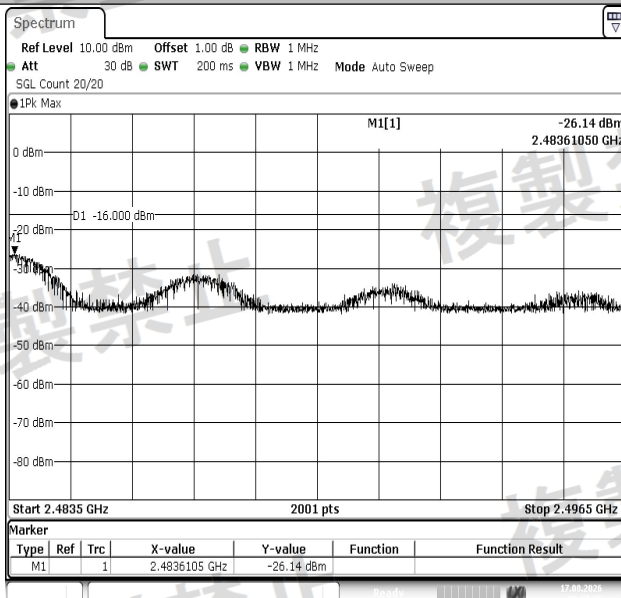


NTNV-2.4G-Ant1-2480-1000~2387-PASS



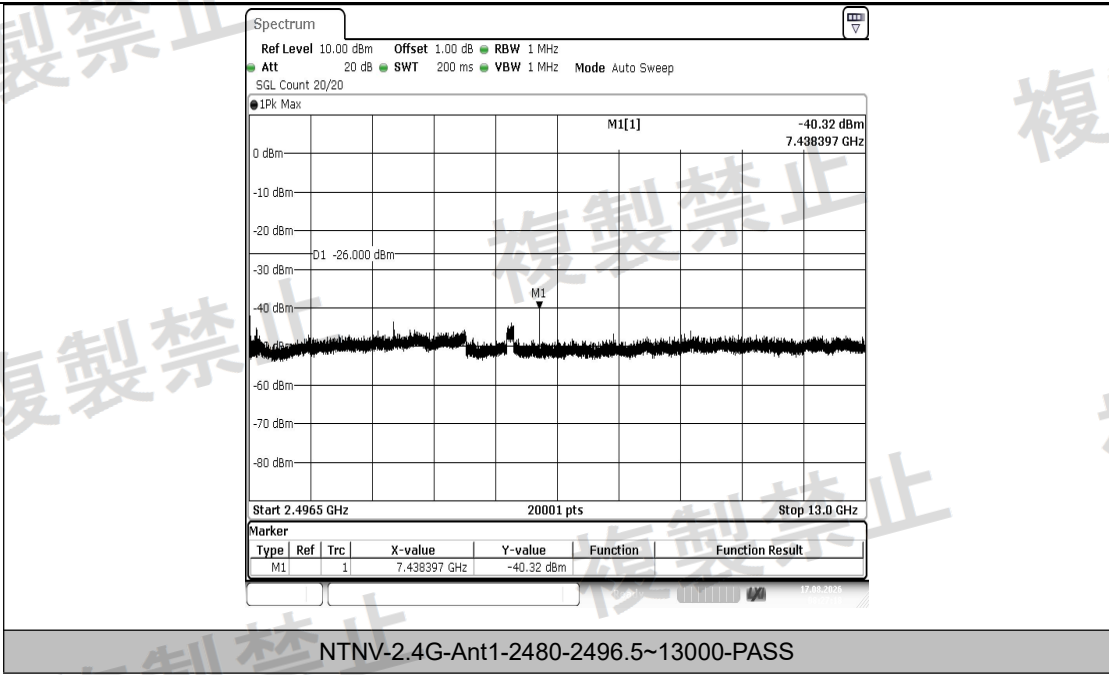


NTNV-2.4G-Ant1-2480-2387~2400-PASS



NTNV-2.4G-Ant1-2480-2483.5~2496.5-PASS



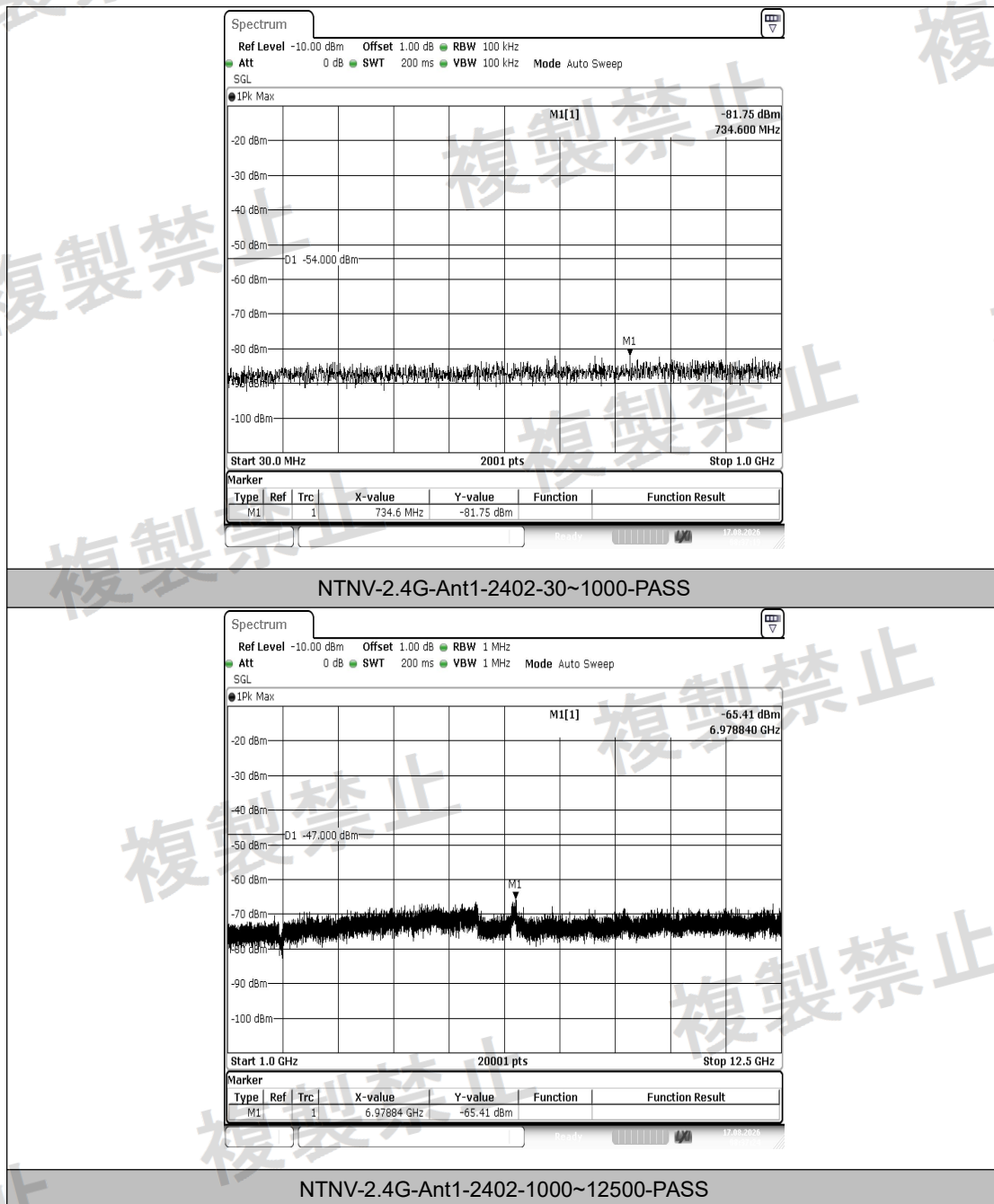


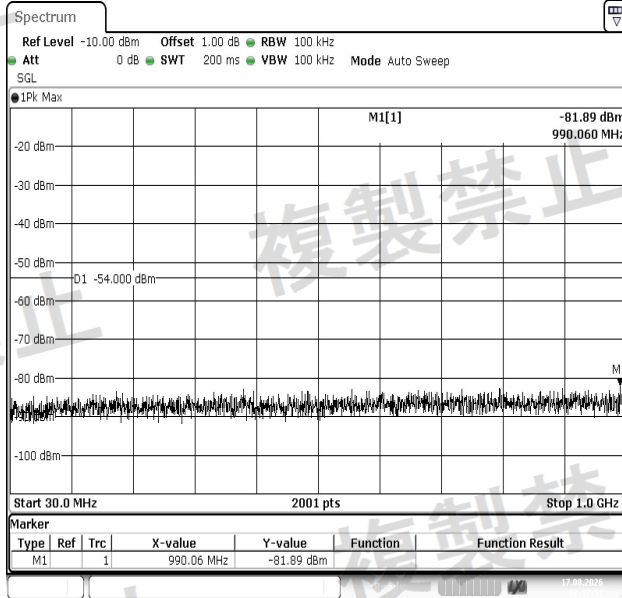
Appendix E: Spurious Emission of RX**Test Result**

Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	734.60	-81.75	≤-54	0.00668	≤4	PASS
NTNV	2.4G	Ant1	2402	1000~12500	6978.84	-65.41	≤-47	0.28774	≤20	PASS
NTNV	2.4G	Ant1	2440	30~1000	990.06	-81.89	≤-54	0.00647	≤4	PASS
NTNV	2.4G	Ant1	2440	1000~12500	6982.29	-66.36	≤-47	0.23121	≤20	PASS
NTNV	2.4G	Ant1	2480	30~1000	934.80	-81.40	≤-54	0.00724	≤4	PASS
NTNV	2.4G	Ant1	2480	1000~12500	6921.34	-64.95	≤-47	0.31989	≤20	PASS

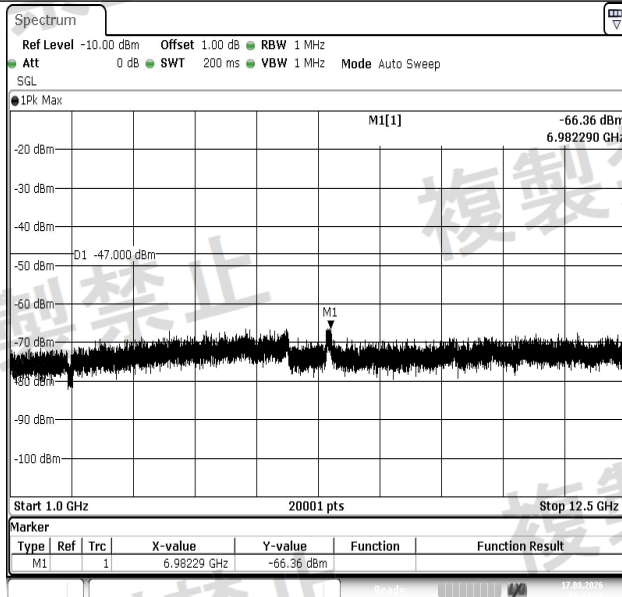


Test Graphs



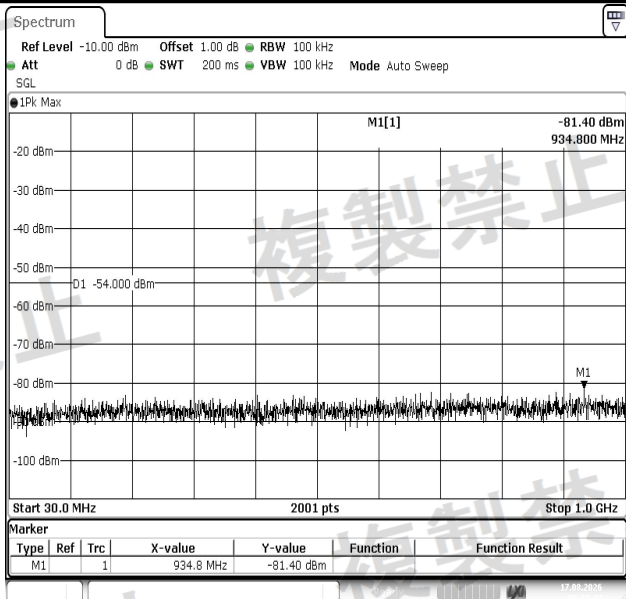


NTNV-2.4G-Ant1-2440-30~1000-PASS

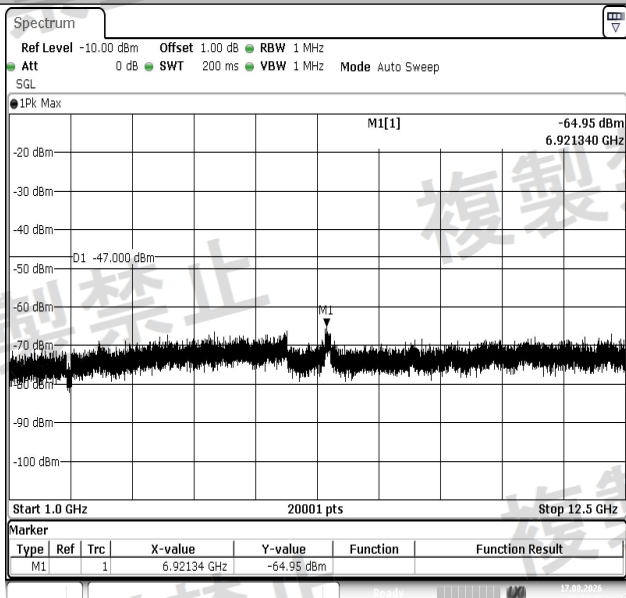


NTNV-2.4G-Ant1-2440-1000~12500-PASS





NTNV-2.4G-Ant1-2480-30~1000-PASS



NTNV-2.4G-Ant1-2480-1000~12500-PASS

---End---

