

Appendix Test Data

Report No.:	1813C60306312501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-22	Finish Test Date:	2026-7-22
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	26.5℃	Relative Humidity:	58%
Pressure:	101kPa		

Appendix A: Frequency Error

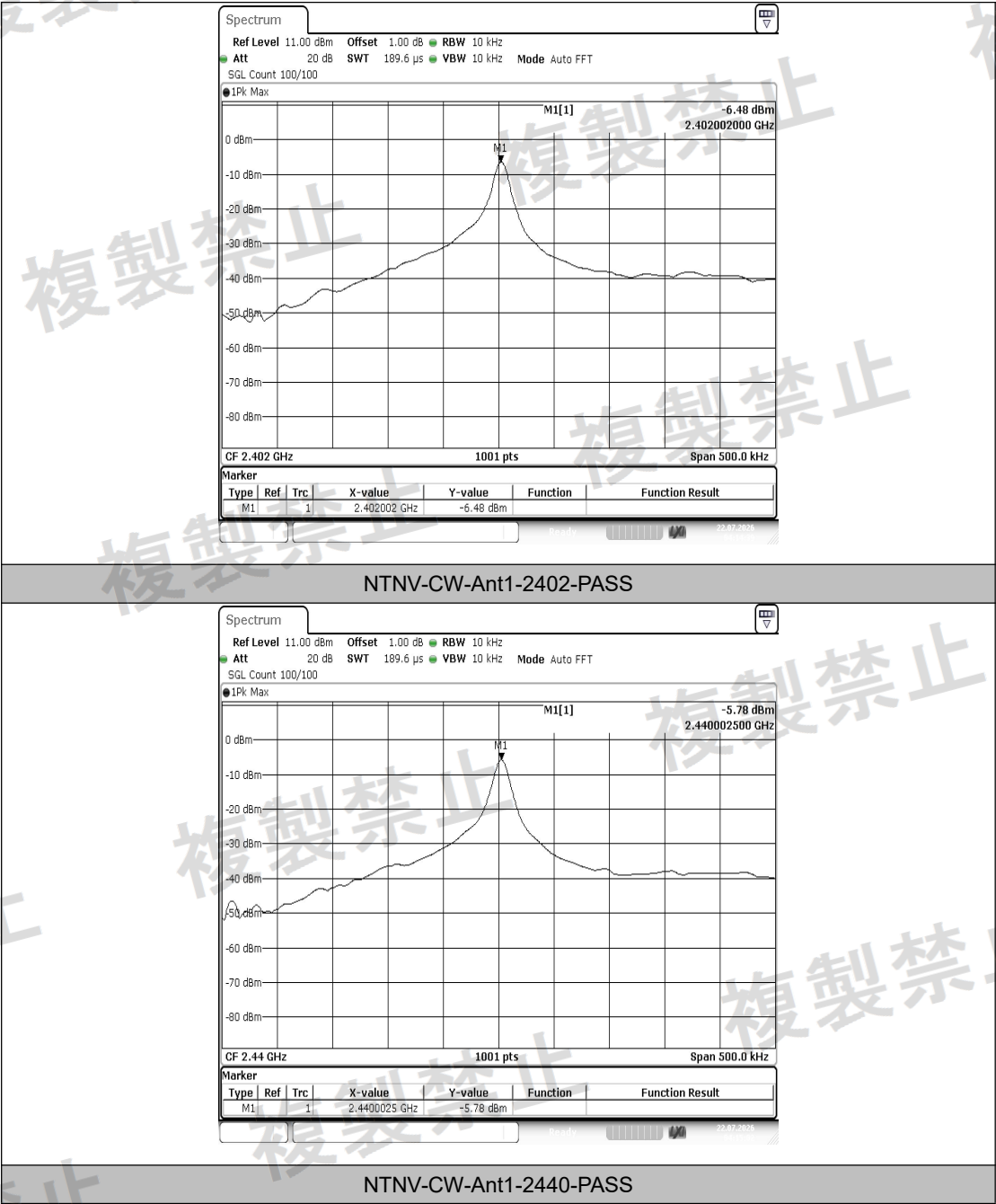
Test Result

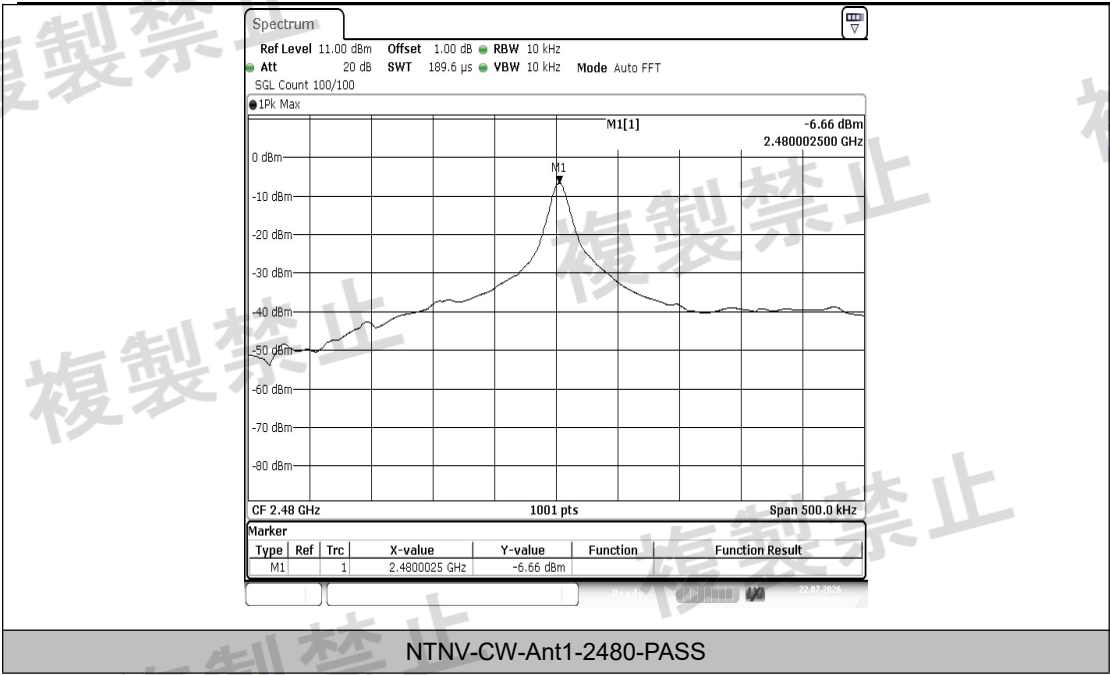
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.002	0.83264	±50	PASS
NTNV	CW	Ant1	2440	2440.0025	1.02459	±50	PASS
NTNV	CW	Ant1	2480	2480.0025	1.00807	±50	PASS

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



Test Graphs





Appendix B: Antenna Power

Test Result

Test Condition	TestMode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTNV	BLE_1M	Ant1	2402	-3.37	0.4602	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-3.06	0.4943	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-4.11	0.3881	≤10	PASS

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

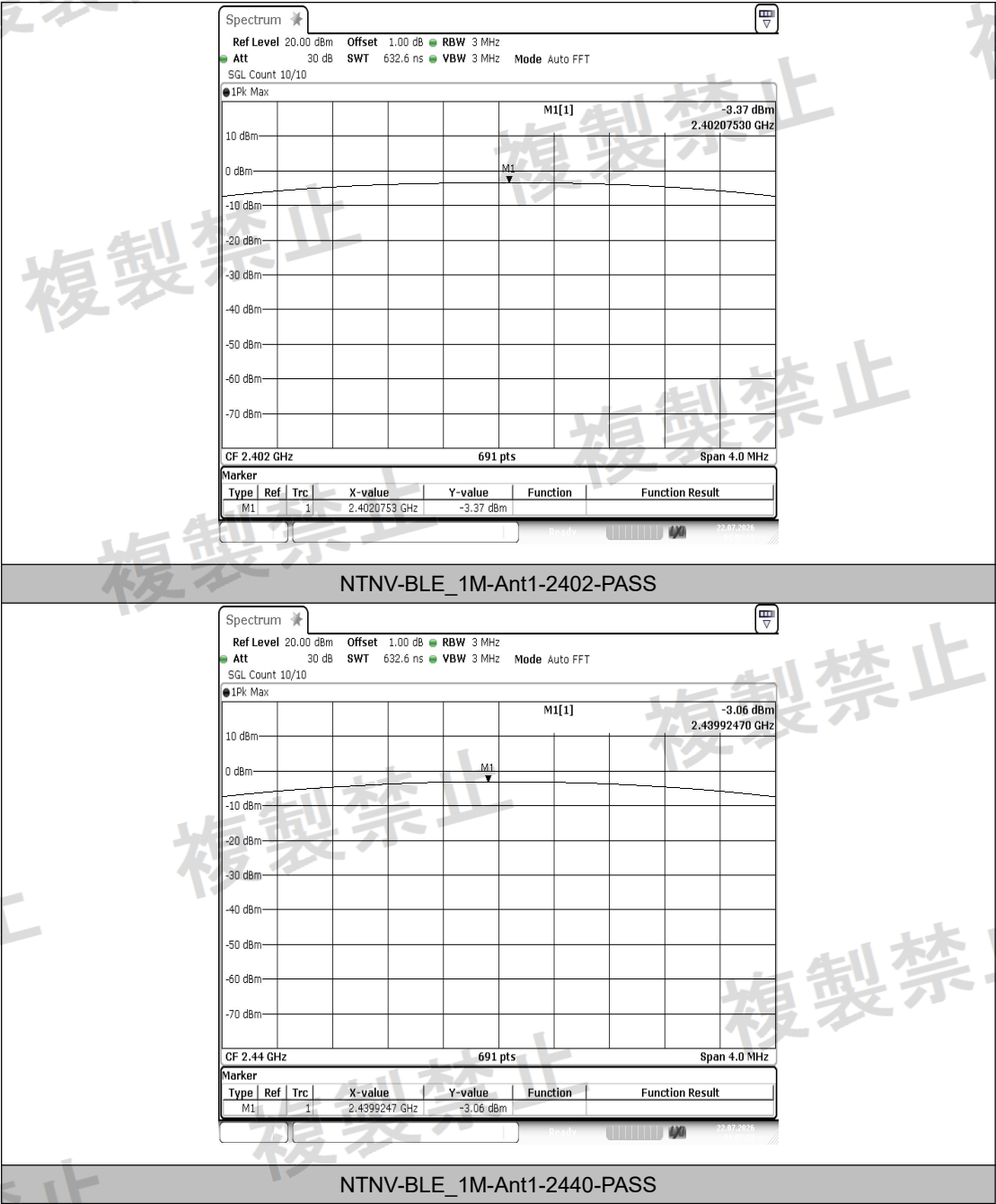
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.4602	0.5	-7.96	+20	PASS
NTNV	BLE_1M	Ant1	2440	0.4943	0.5	-1.14	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.3881	0.5	-22.38	+20	PASS

Test Condition	Test Mode	Antenna	Freq. [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	-3.37	1.5	-1.87	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-3.06	1.5	-1.56	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-4.11	1.5	-2.61	≤12.14	PASS

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



Test Graphs

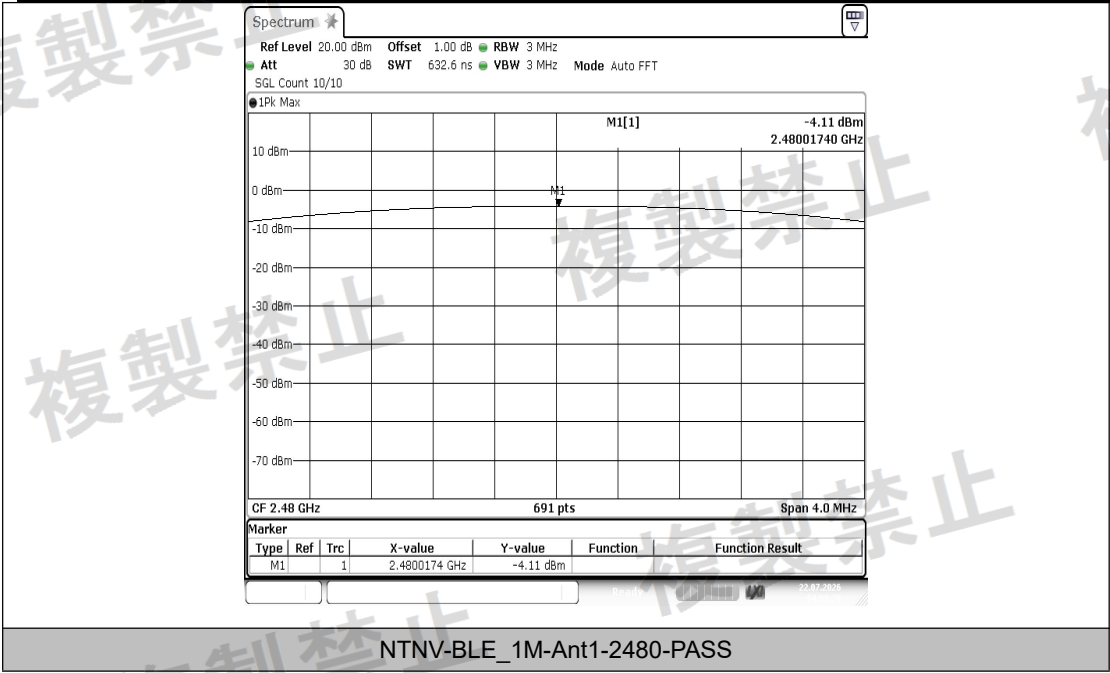


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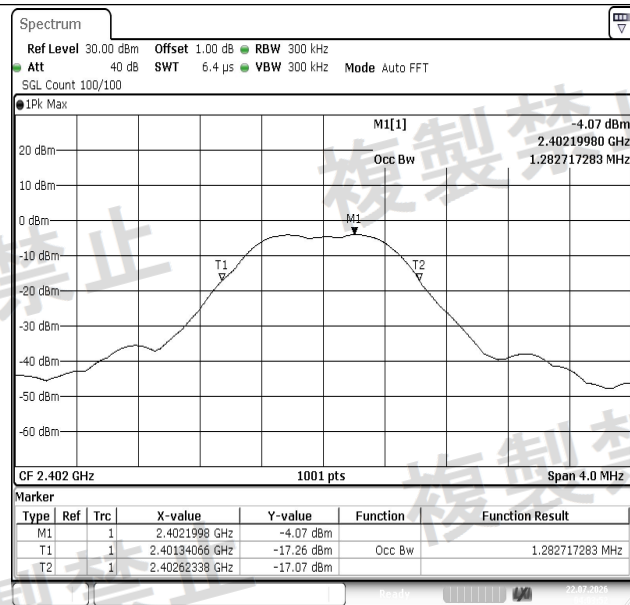
Appendix C: Occupied Bandwidth

Test Result

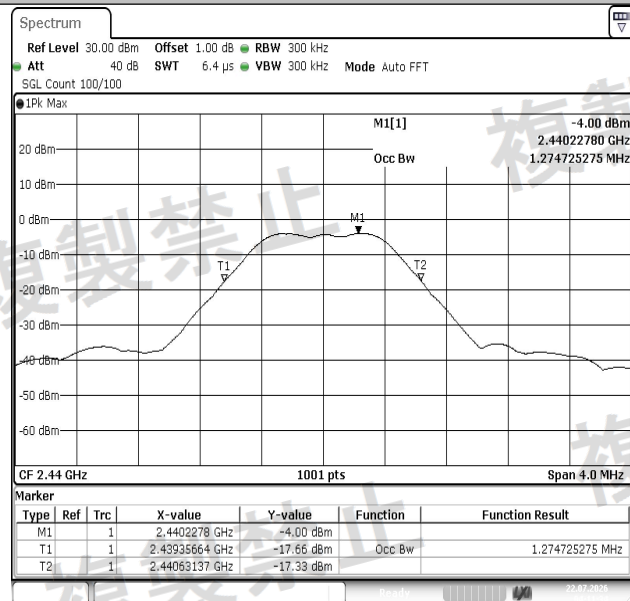
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.283	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.275	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.259	≤26	PASS



Test Graphs

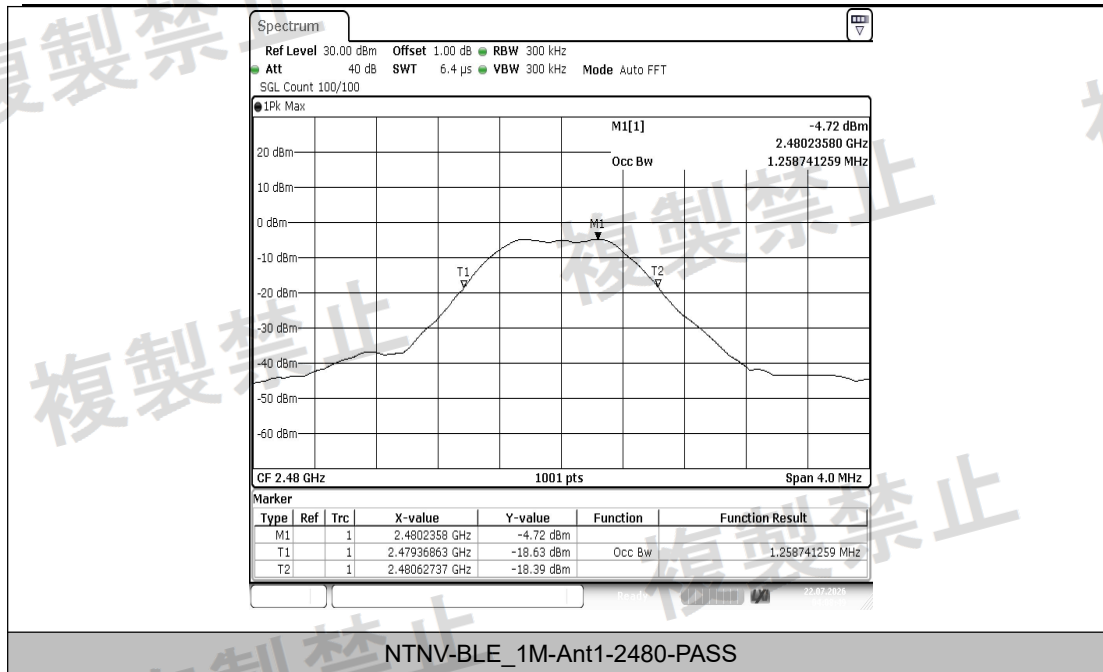


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





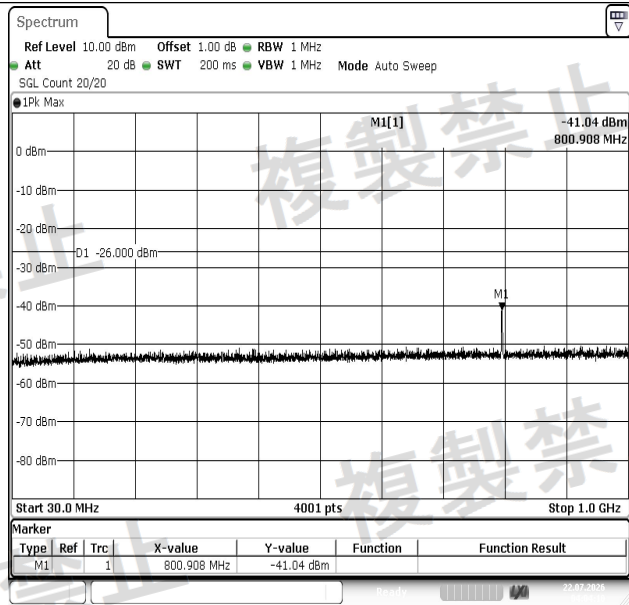
Appendix D: Spurious Emission of TX

Test Result

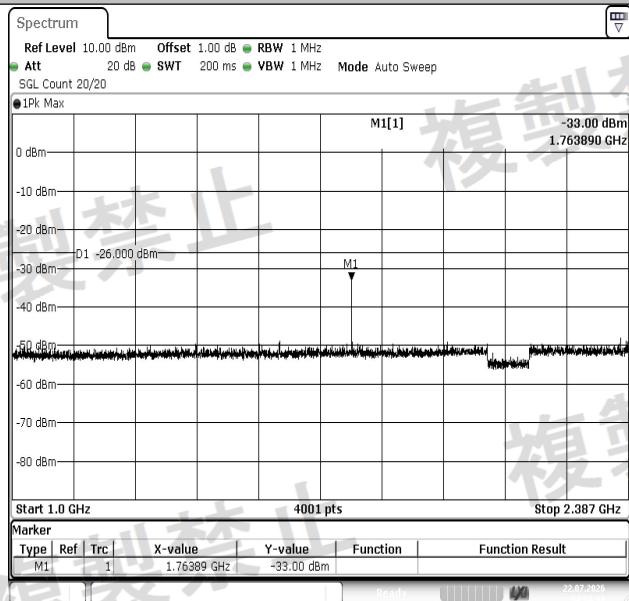
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	800.91	-41.04	≤ -26	0.07870	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	1763.89	-33.00	≤ -26	0.50119	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.97	-27.24	≤ -16	1.88799	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2492.97	-37.77	≤ -16	0.16711	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	4003.23	-38.61	≤ -26	0.13772	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	831.46	-37.12	≤ -26	0.19409	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	1922.01	-49.04	≤ -26	0.01247	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2394.57	-37.70	≤ -16	0.16982	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2488.28	-38.18	≤ -16	0.15205	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	4066.77	-40.80	≤ -26	0.08318	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	826.86	-41.54	≤ -26	0.07015	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	1653.28	-48.66	≤ -26	0.01361	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2398.51	-38.50	≤ -16	0.14125	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.70	-31.72	≤ -16	0.67298	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	4132.95	-42.92	≤ -26	0.05105	≤ 2.5	PASS



Test Graphs

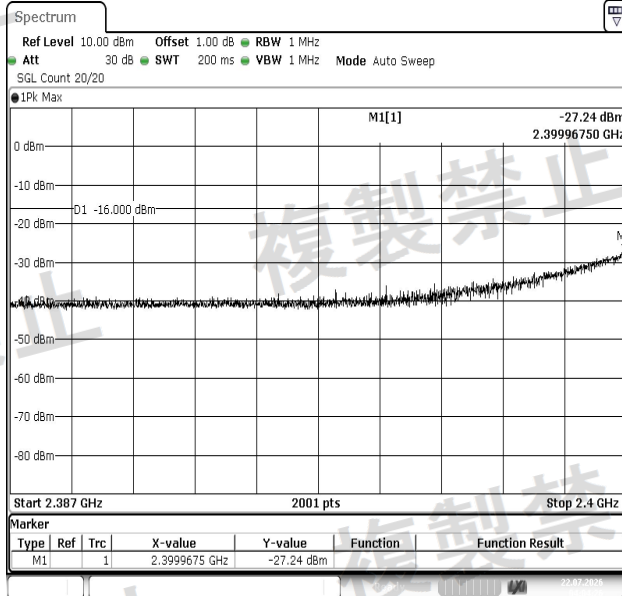


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

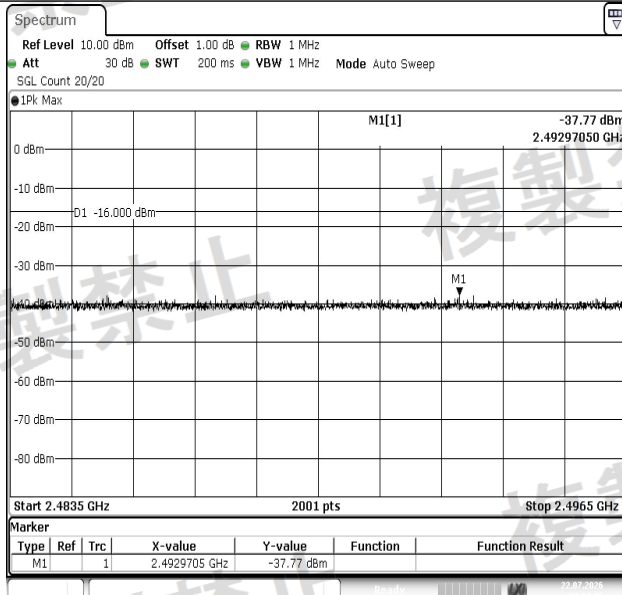


NTNV-BLE_1M-Ant1-2402-1000~2387-PASS



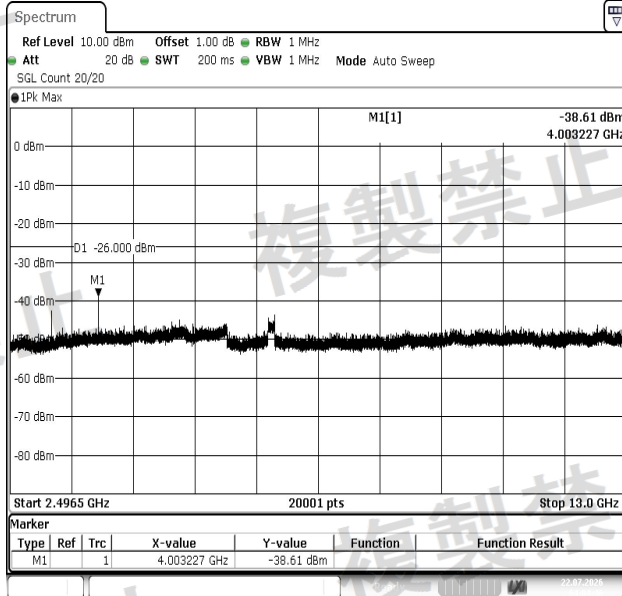


NTNV-BLE_1M-Ant1-2402-2387~2400-PASS

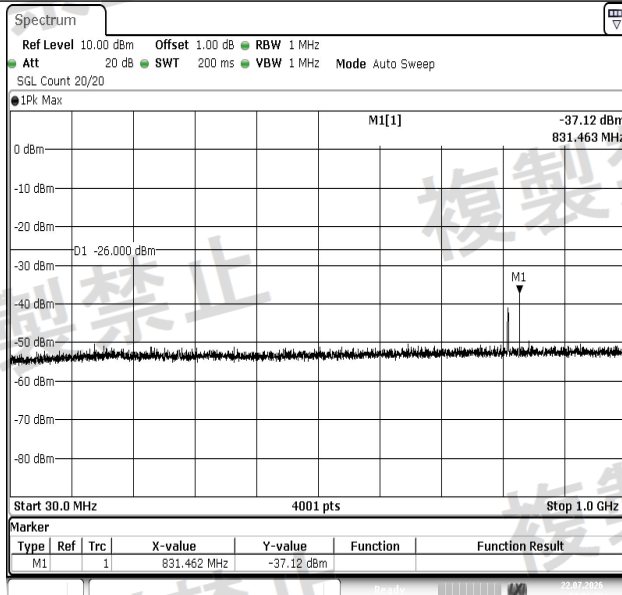


NTNV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS



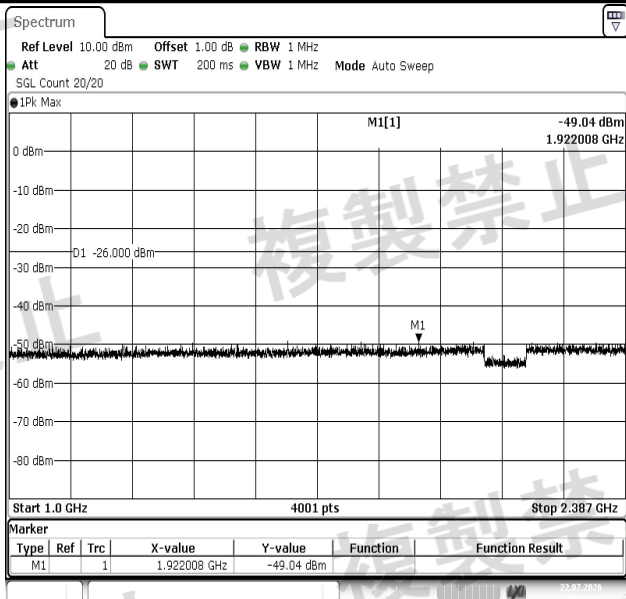


NTNV-BLE_1M-Ant1-2402-2496.5~13000-PASS

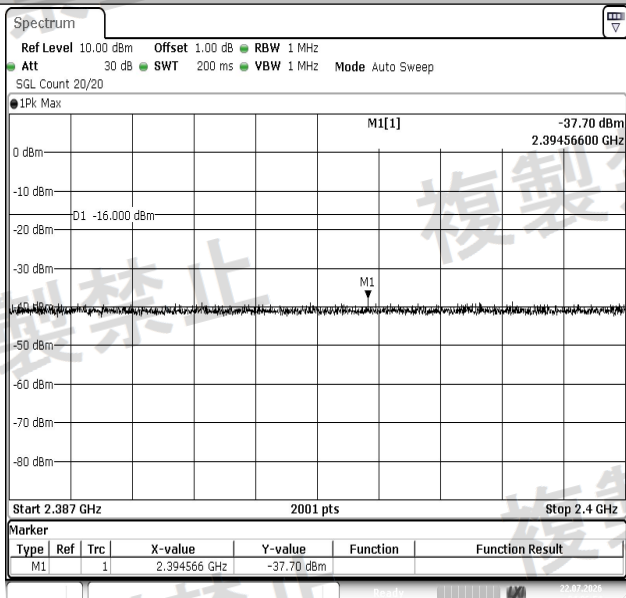


NTNV-BLE_1M-Ant1-2440-30~1000-PASS



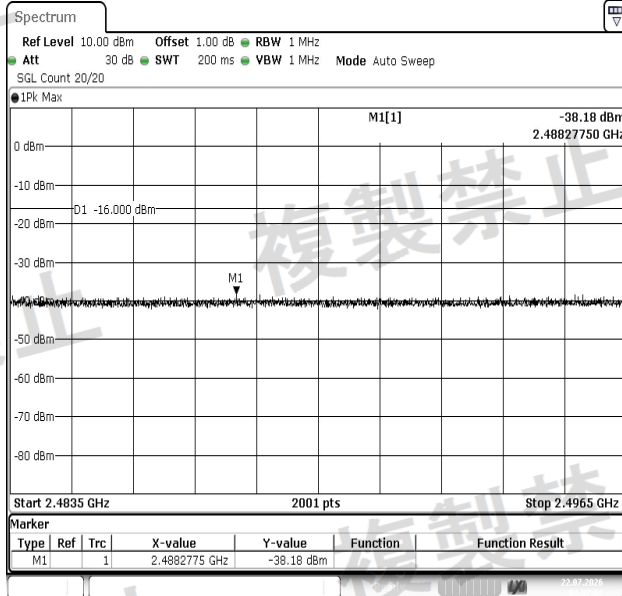


NTNV-BLE_1M-Ant1-2440-1000~2387-PASS

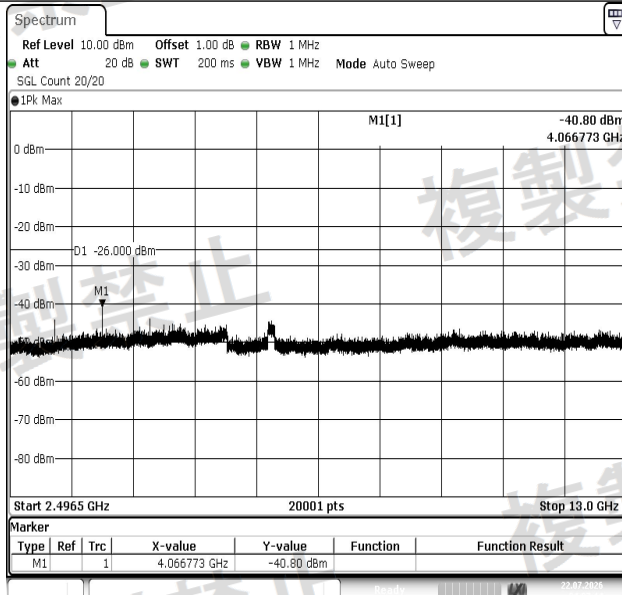


NTNV-BLE_1M-Ant1-2440-2387~2400-PASS



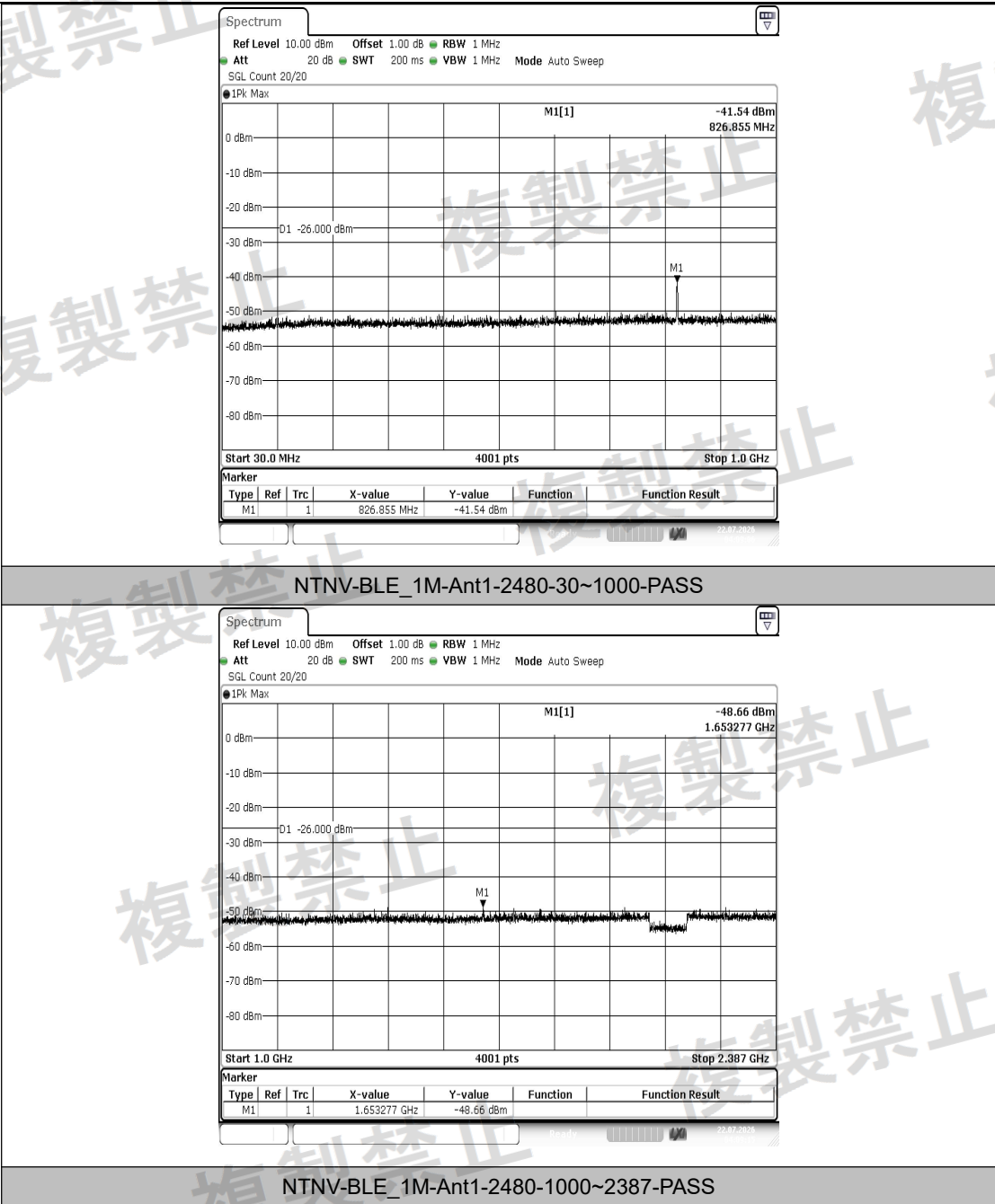


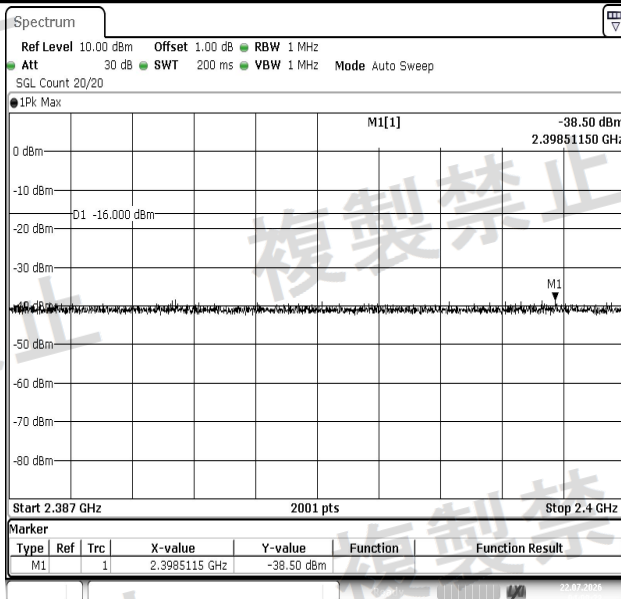
NTNV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS



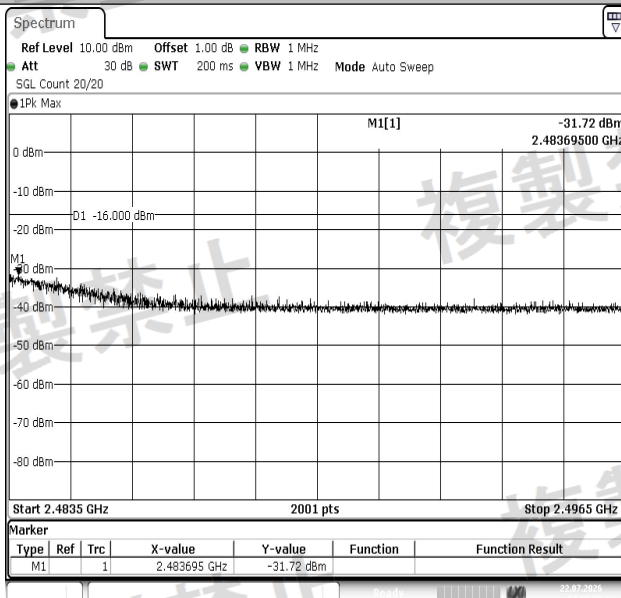
NTNV-BLE_1M-Ant1-2440-2496.5~13000-PASS





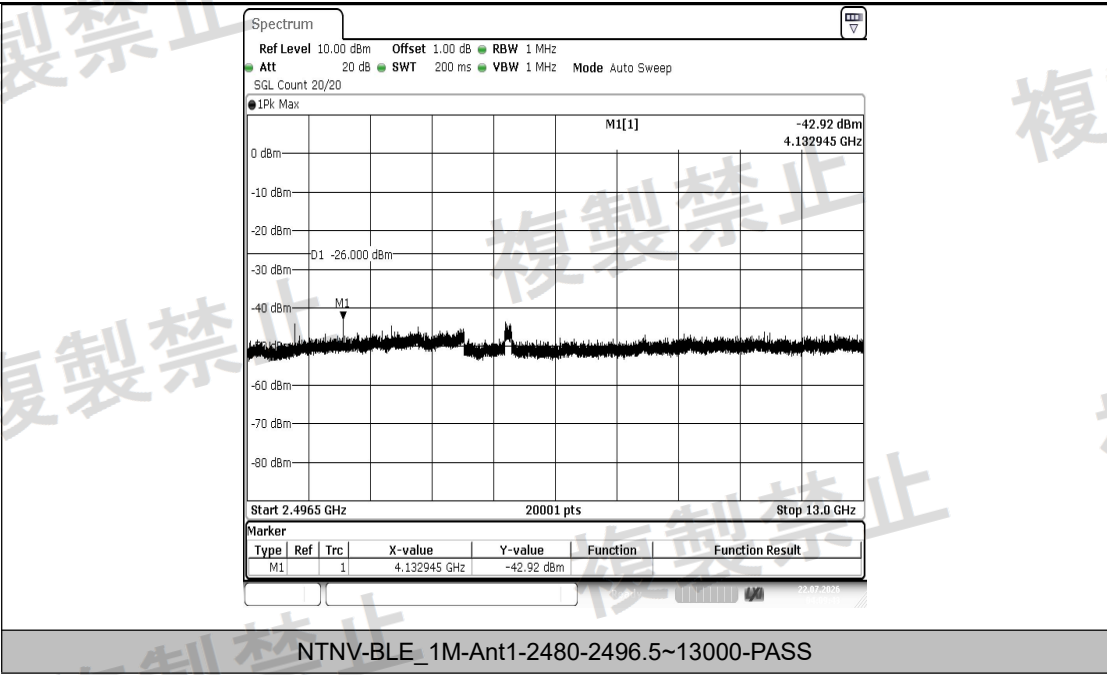


NTNV-BLE_1M-Ant1-2480-2387~2400-PASS



NTNV-BLE_1M-Ant1-2480-2483.5~2496.5-PASS





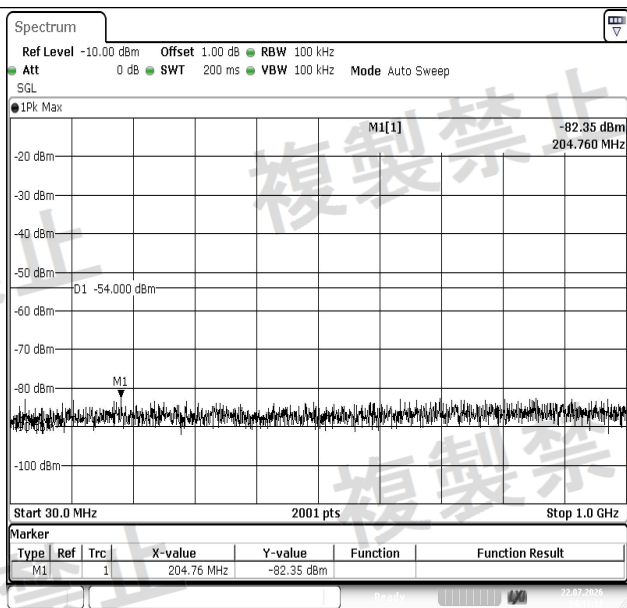
Appendix E: Spurious Emission of RX

Test Result

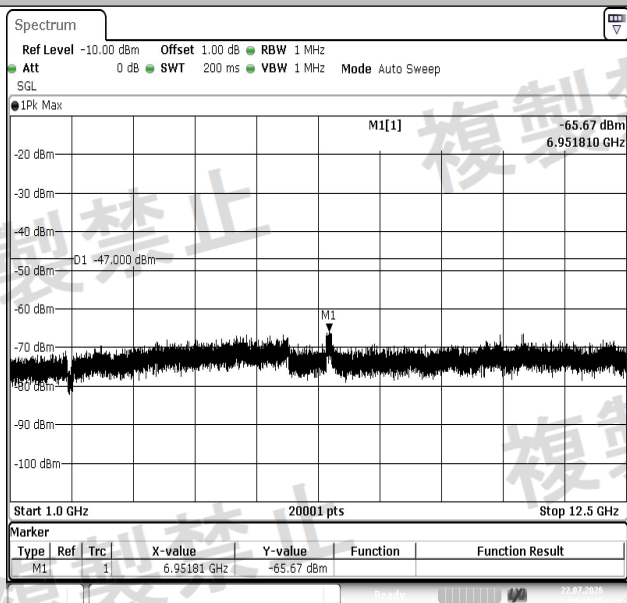
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	204.76	-82.35	≤-54	0.00582	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6951.81	-65.67	≤-47	0.27102	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	765.13	-82.02	≤-54	0.00628	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6942.62	-65.92	≤-47	0.25586	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	979.88	-82.56	≤-54	0.00555	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6926.52	-65.42	≤-47	0.28708	≤20	PASS



Test Graphs

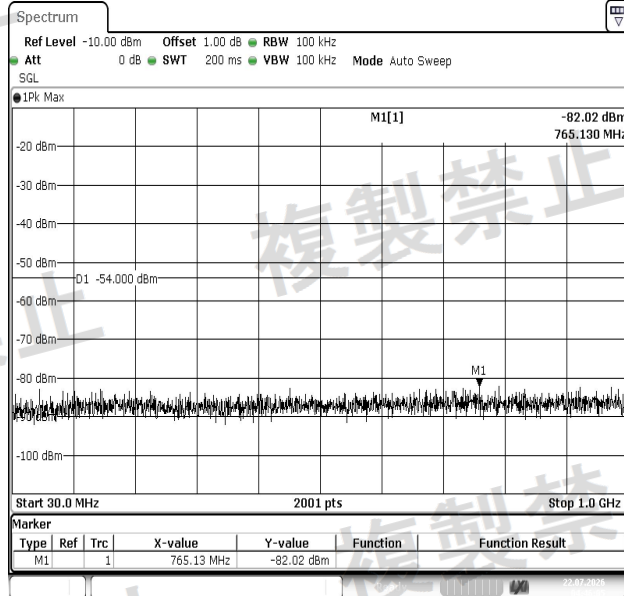


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

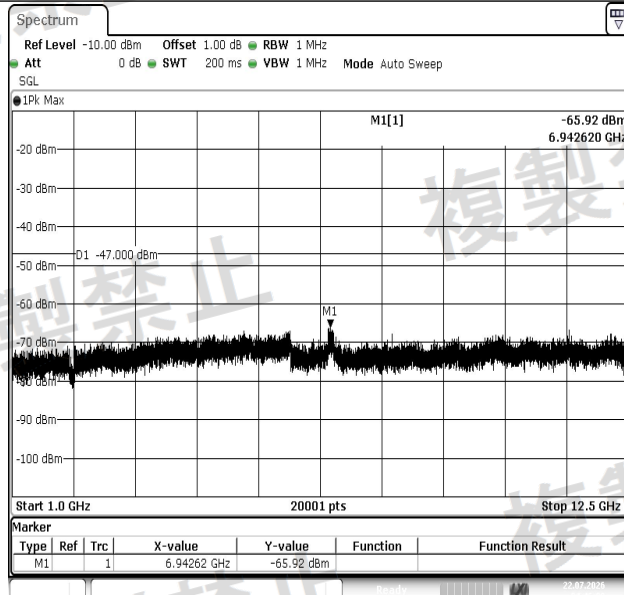


NTNV-BLE_1M-Ant1-2402-1000~12500-PASS



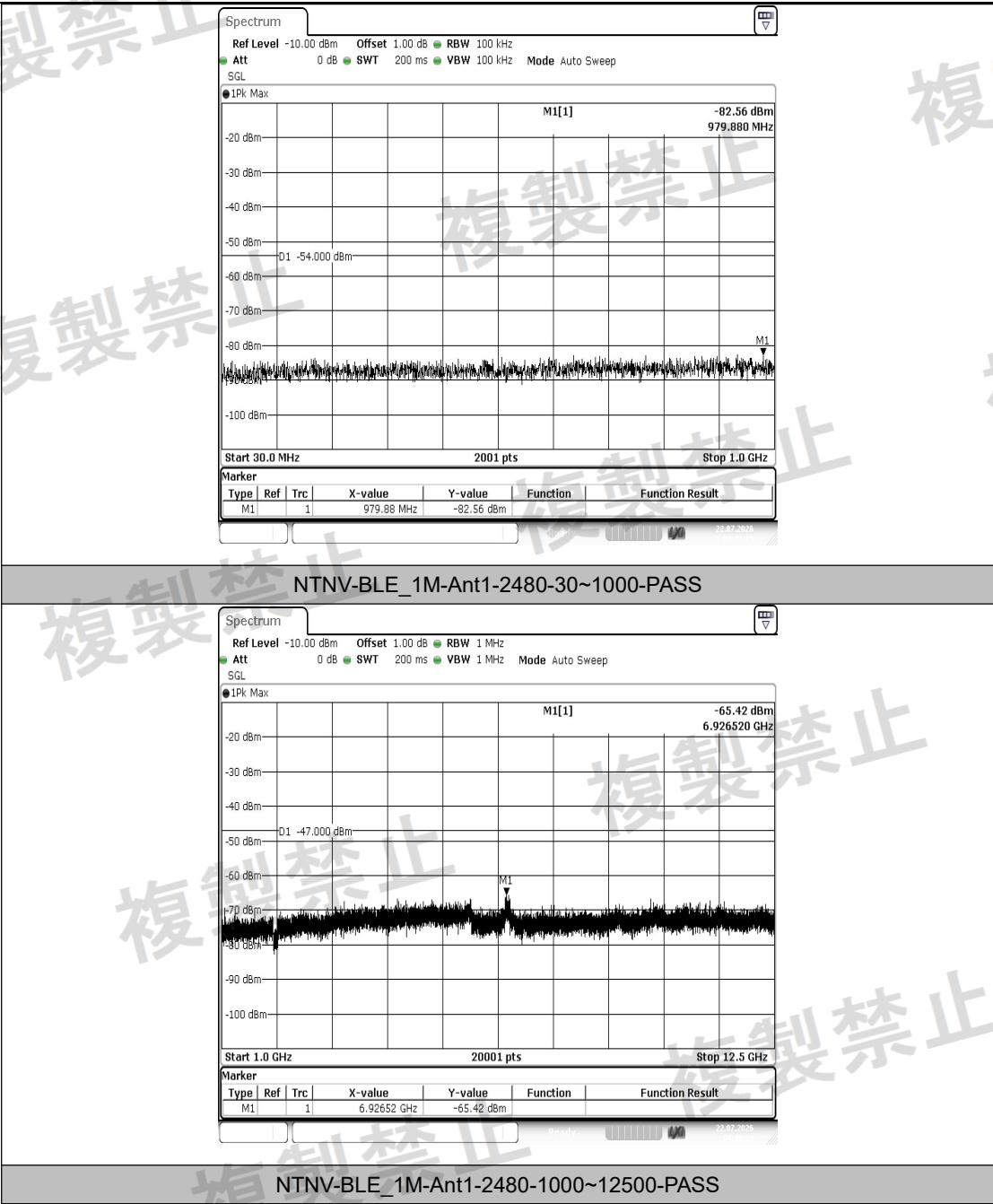


NTNV-BLE_1M-Ant1-2440-30~1000-PASS



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





---End---

