

Appendix Test Data

Report No.:	9812C60005812501-01	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

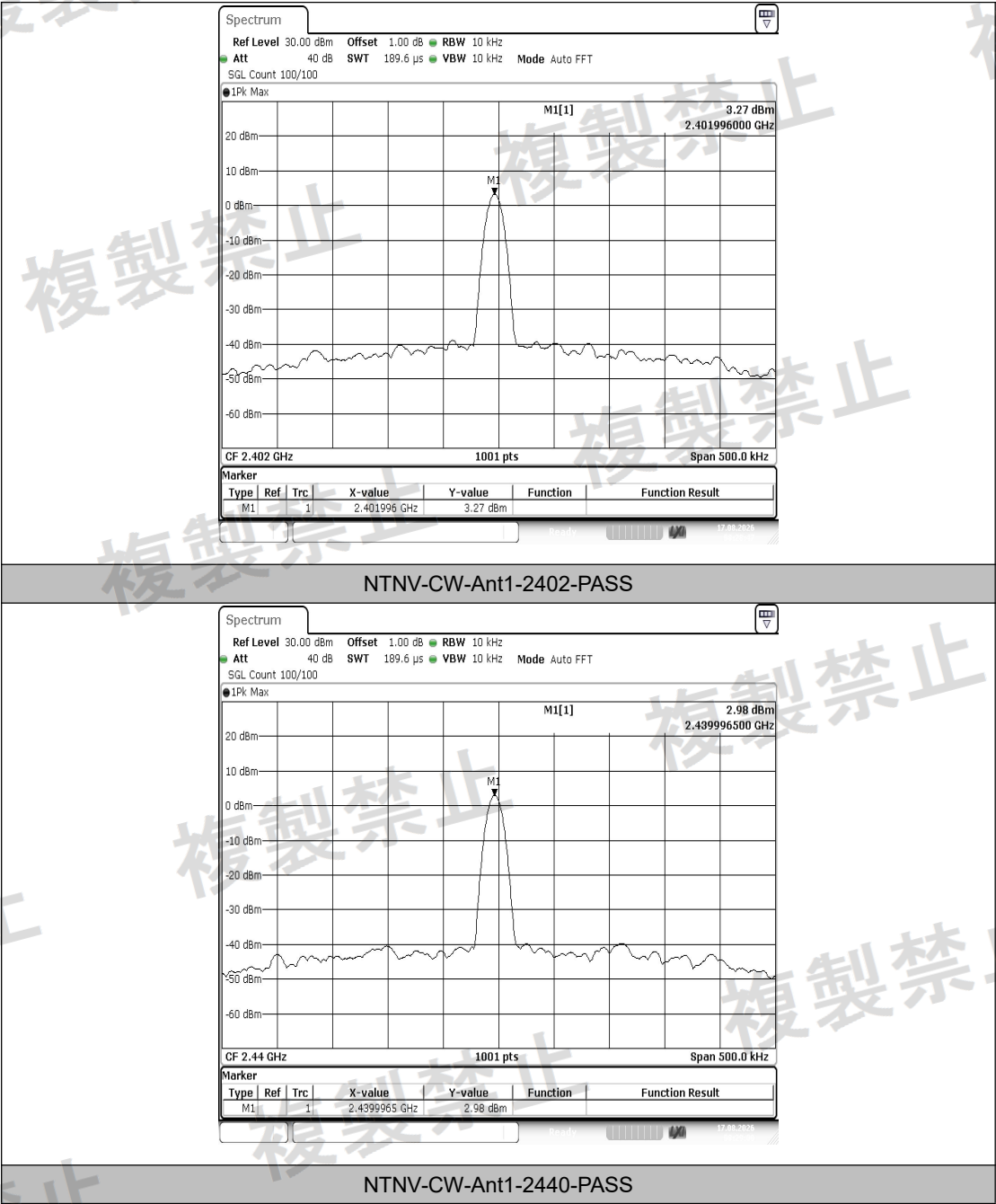
Test Result

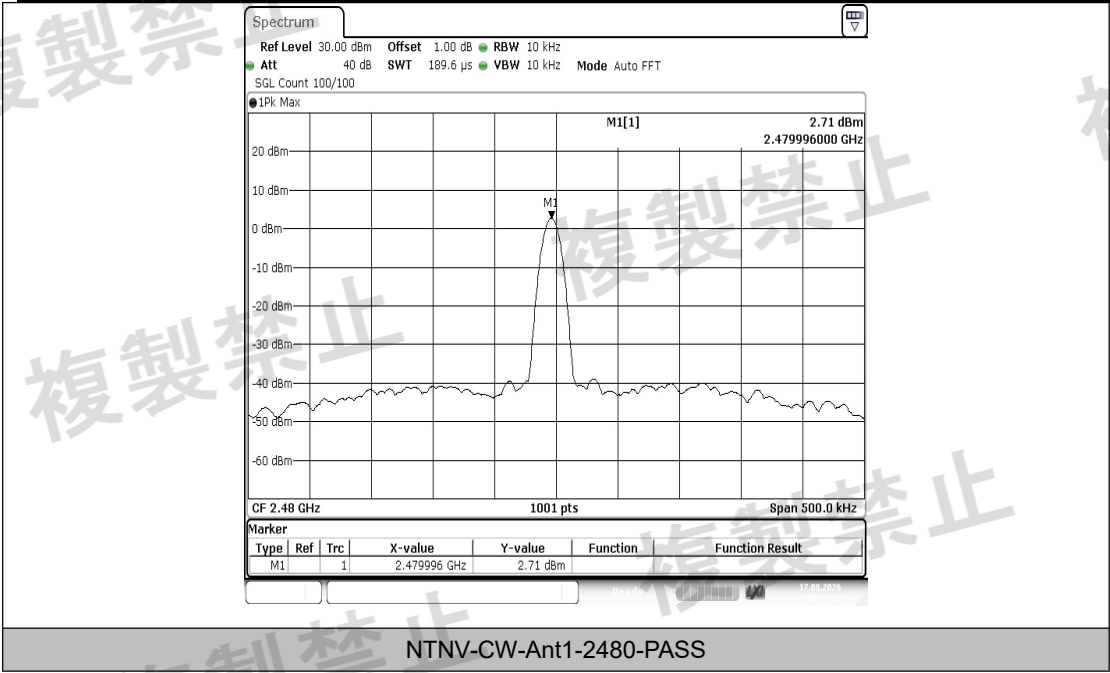
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.996	-1.66528	±50	PASS
NTNV	CW	Ant1	2440	2439.9965	-1.43443	±50	PASS
NTNV	CW	Ant1	2480	2479.996	-1.61290	±50	PASS

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	2.47	1.7660	≤10	PASS
NTNV	BLE_1M	Ant1	2440	2.17	1.6481	≤10	PASS
NTNV	BLE_1M	Ant1	2480	2.30	1.6982	≤10	PASS

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

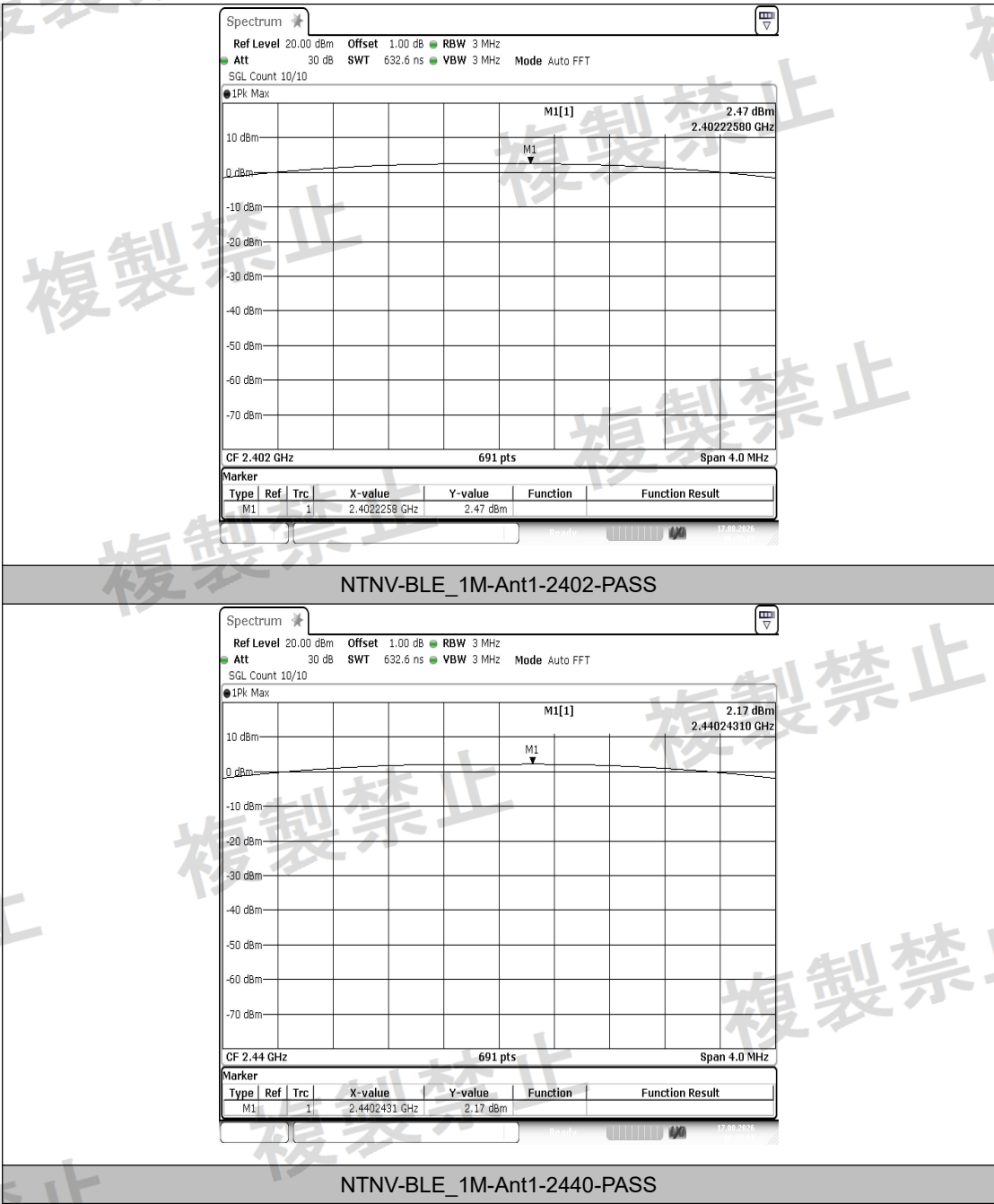
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.766	2	-11.70	+20	PASS
NTNV	BLE_1M	Ant1	2440	1.6481	2	-17.60	+20	PASS
NTNV	BLE_1M	Ant1	2480	1.6982	2	-15.09	+20	PASS

Test Condition	Test Mode	Antenna	Freq. [MHz]	Result [dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	2.47	2.59	5.06	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	2.17	2.59	4.76	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	2.30	2.59	4.89	≤12.14	PASS

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



Test Graphs



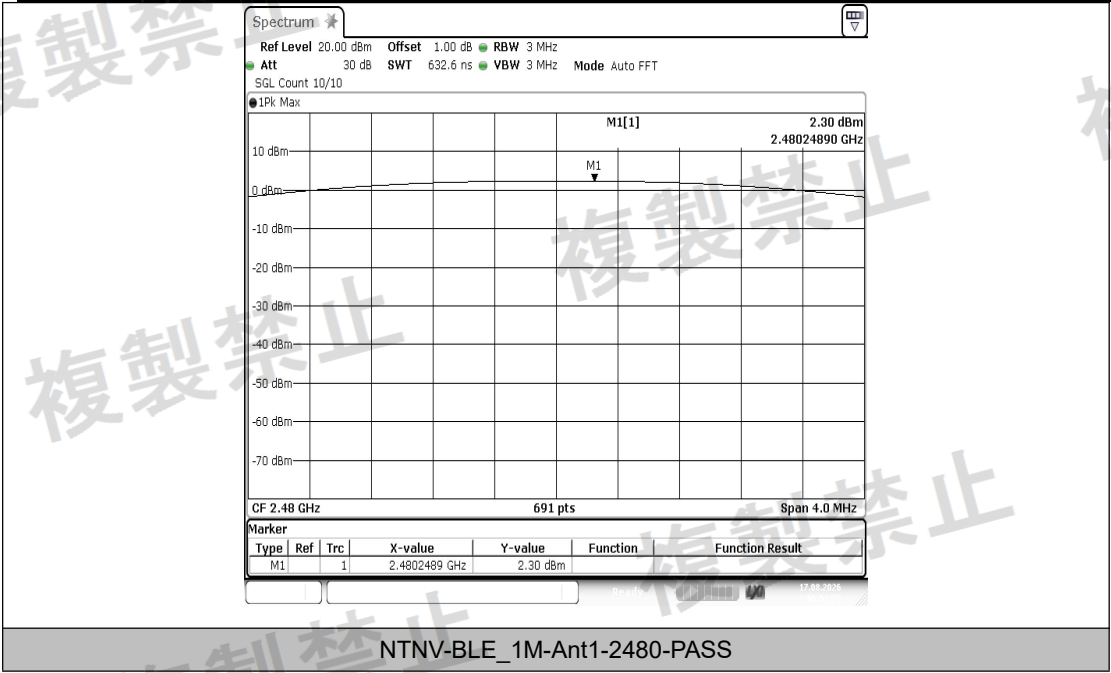
Shenzhen Anbotek Compliance Laboratory Limited

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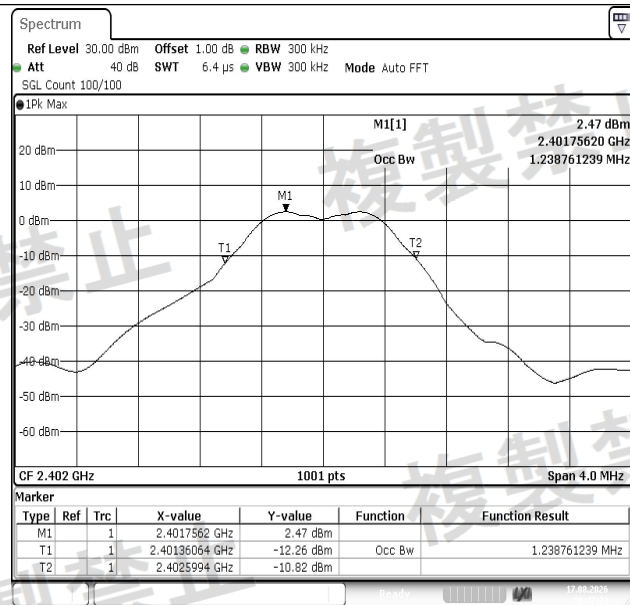
Appendix C: Occupied Bandwidth

Test Result

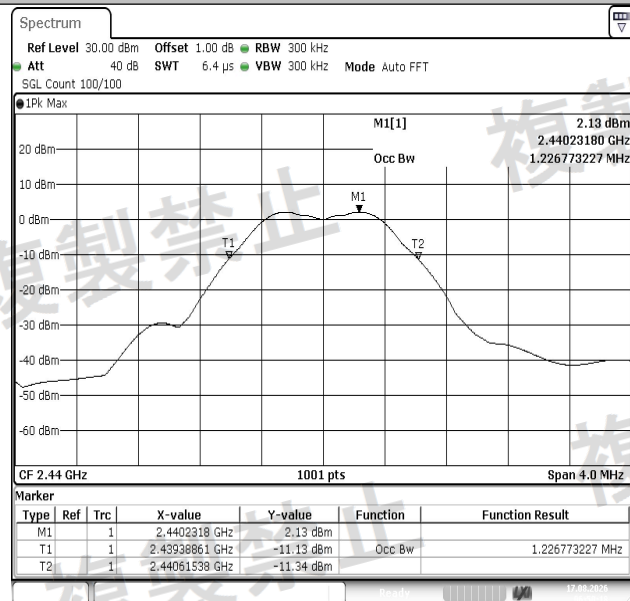
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.239	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.227	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.203	≤26	PASS



Test Graphs

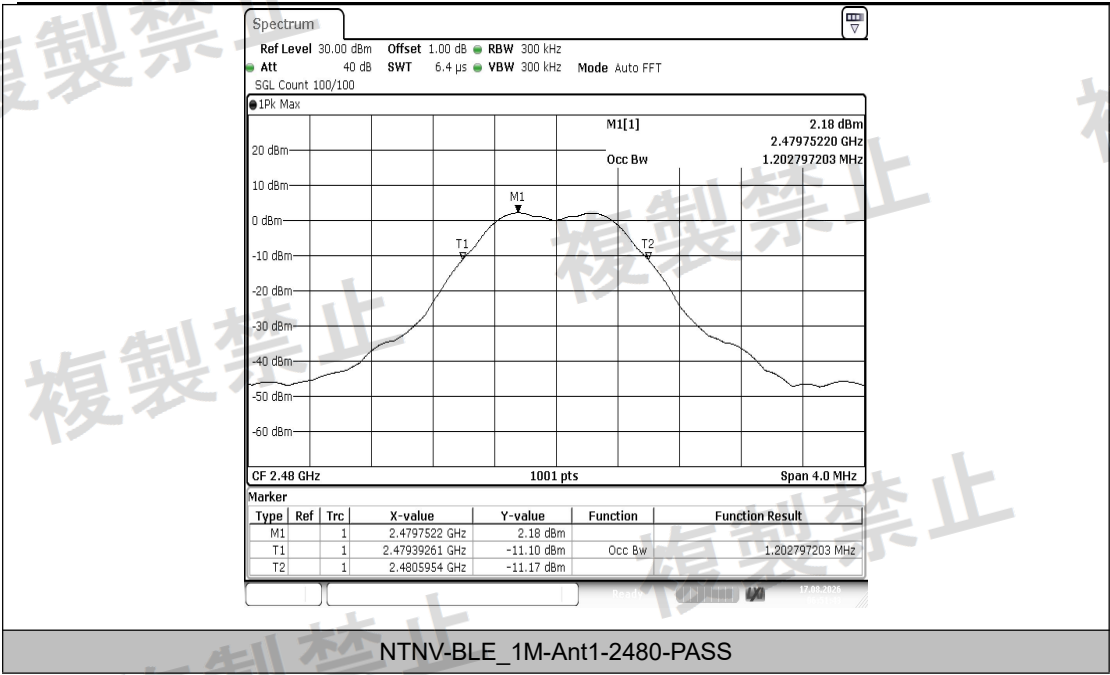


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS





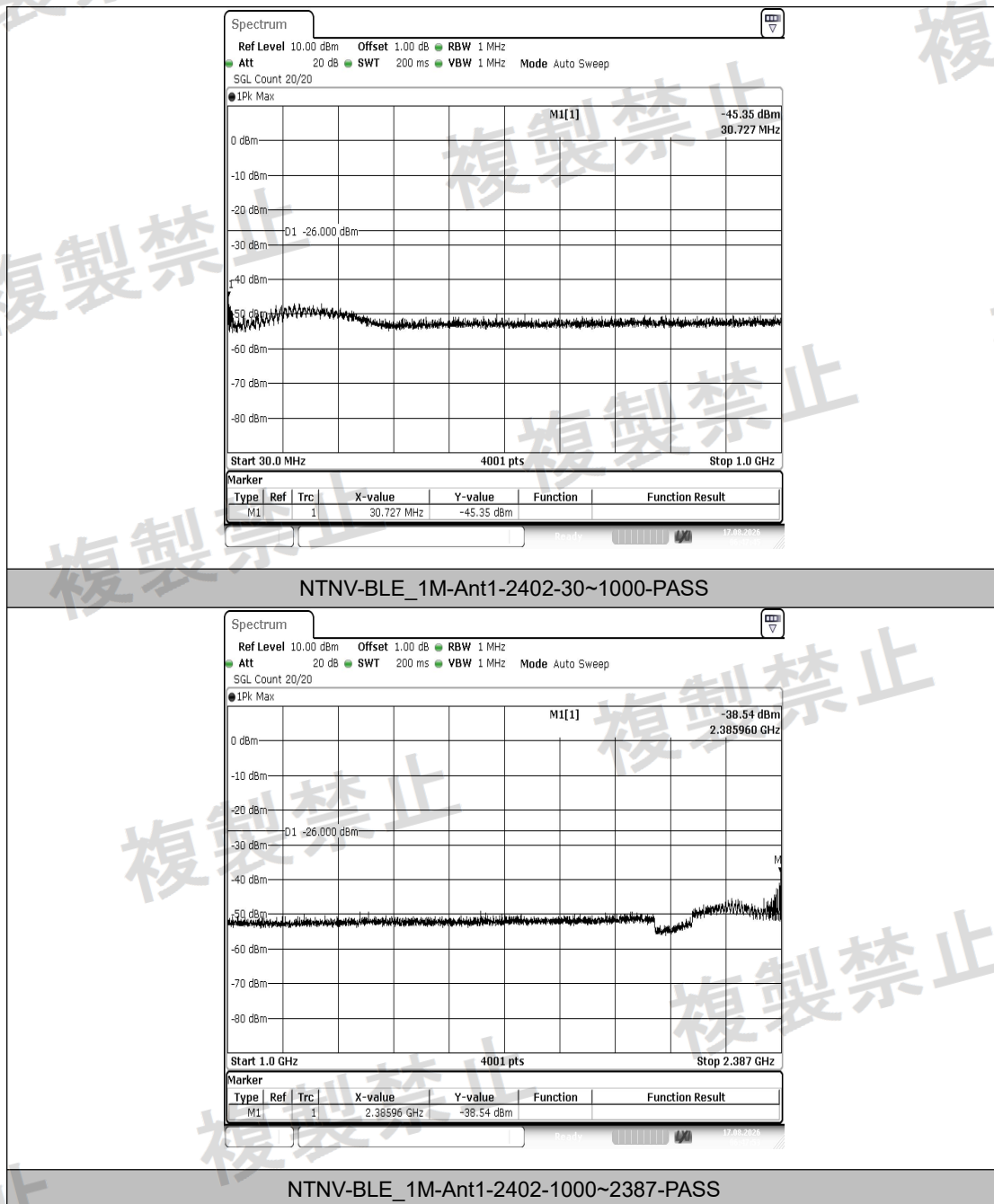
Appendix D: Spurious Emission of TX

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	30.73	-45.35	≤ -26	0.02917	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2385.96	-38.54	≤ -26	0.13996	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2397.68	-26.25	≤ -16	2.37137	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2484.07	-37.82	≤ -16	0.16520	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	7205.22	-38.74	≤ -26	0.13366	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	30.00	-45.06	≤ -26	0.03119	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2309.33	-45.48	≤ -26	0.02831	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2397.48	-38.55	≤ -16	0.13964	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2495.58	-38.09	≤ -16	0.15524	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	7319.18	-39.45	≤ -26	0.11350	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	30.49	-44.74	≤ -26	0.03357	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2365.15	-45.46	≤ -26	0.02844	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2392.93	-38.34	≤ -16	0.14655	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.93	-26.53	≤ -16	2.22331	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	7439.45	-39.91	≤ -26	0.10209	≤ 2.5	PASS



Test Graphs



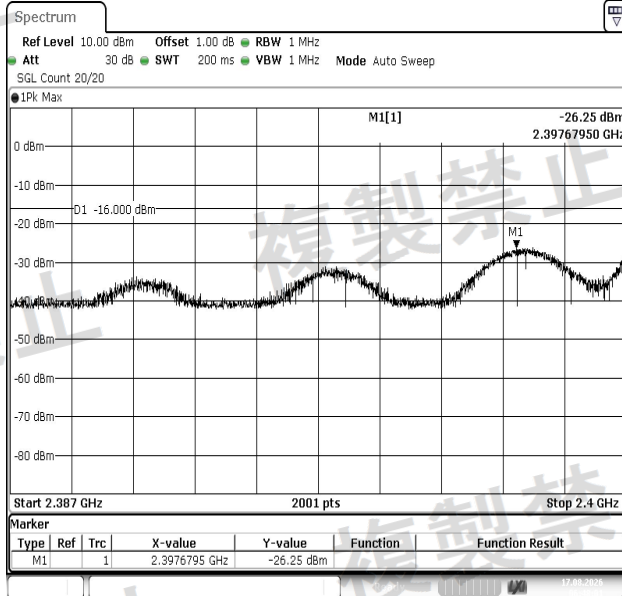
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Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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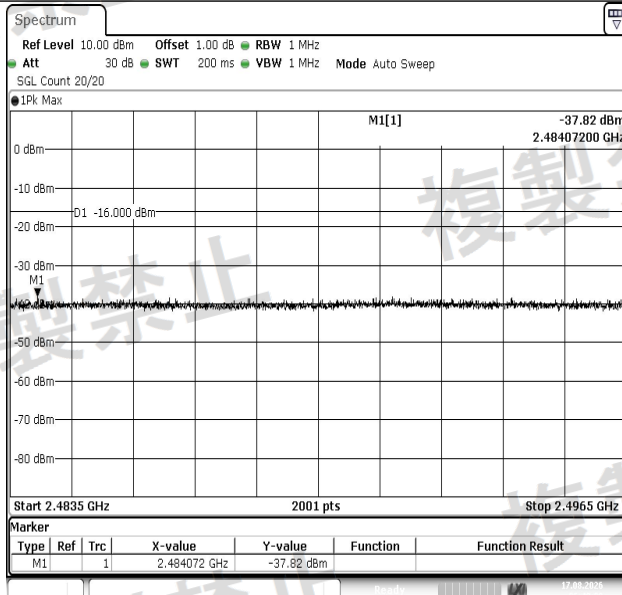


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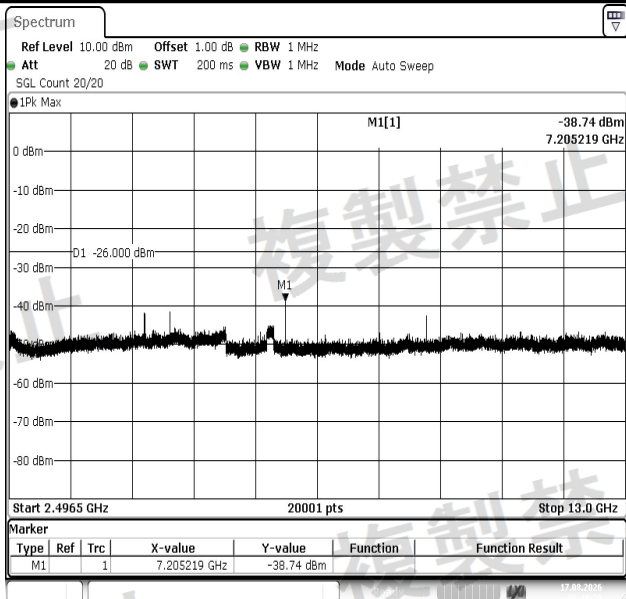


NTNV-BLE_1M-Ant1-2402-2387~2400-PASS

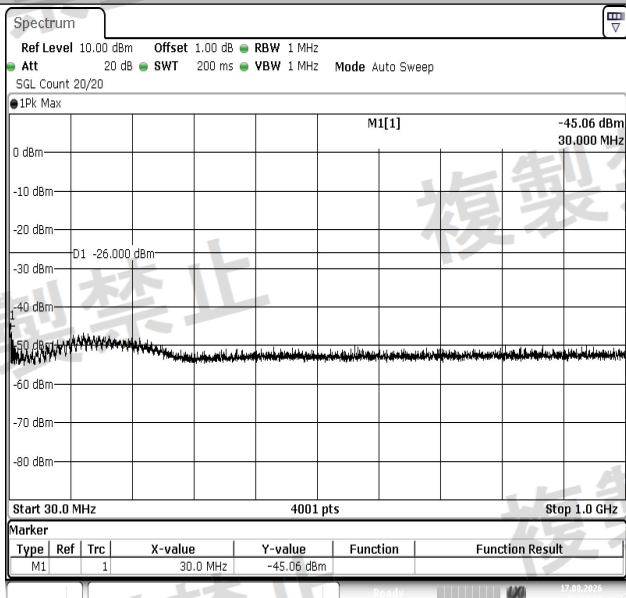


NTNV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS



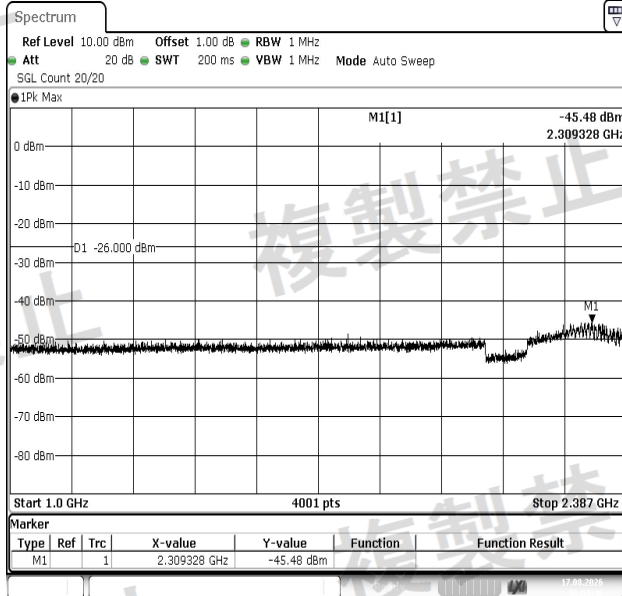


NTNV-BLE_1M-Ant1-2402-2496.5~13000-PASS

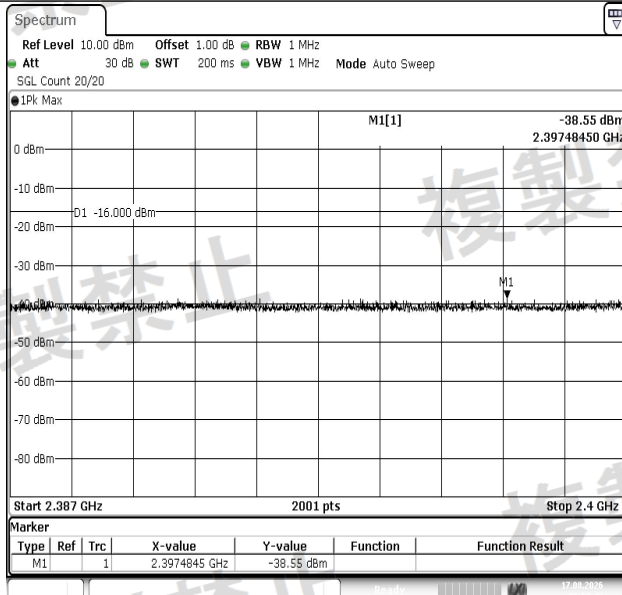


NTNV-BLE_1M-Ant1-2440-30~1000-PASS



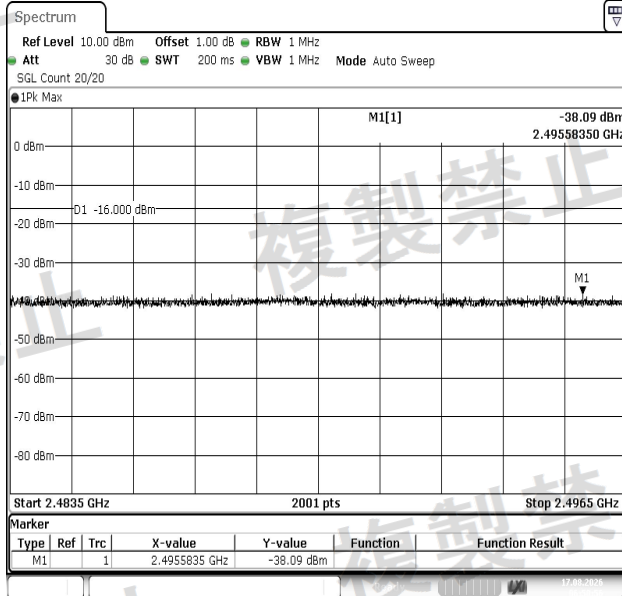


NTNV-BLE_1M-Ant1-2440-1000~2387-PASS

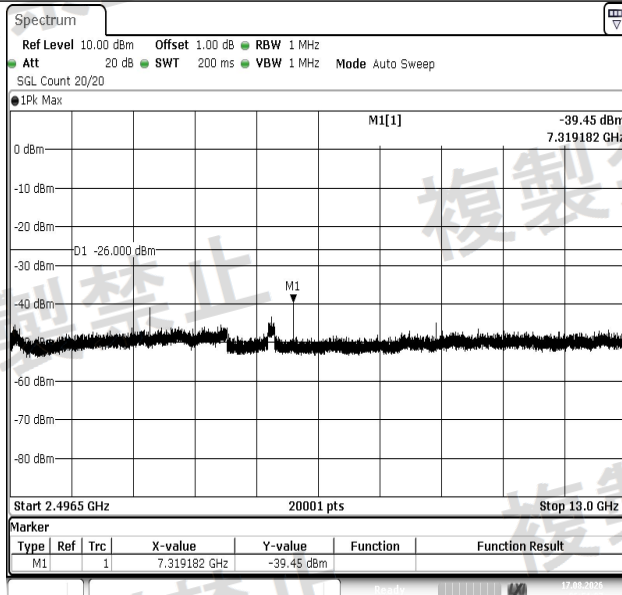


NTNV-BLE_1M-Ant1-2440-2387~2400-PASS



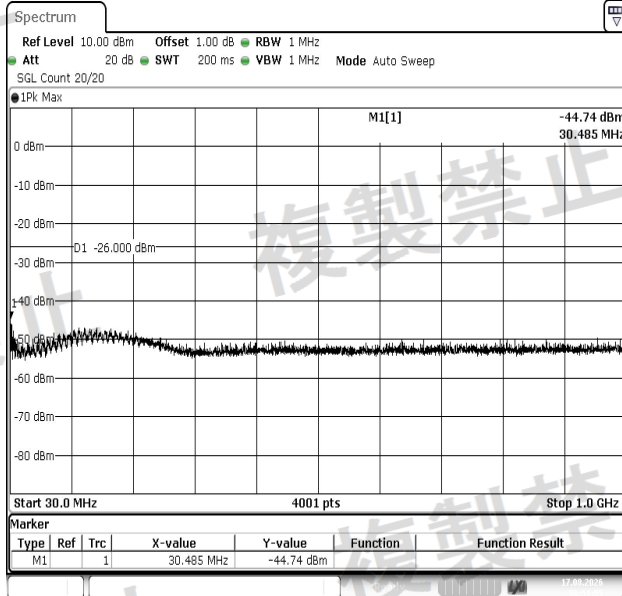


NTNV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS

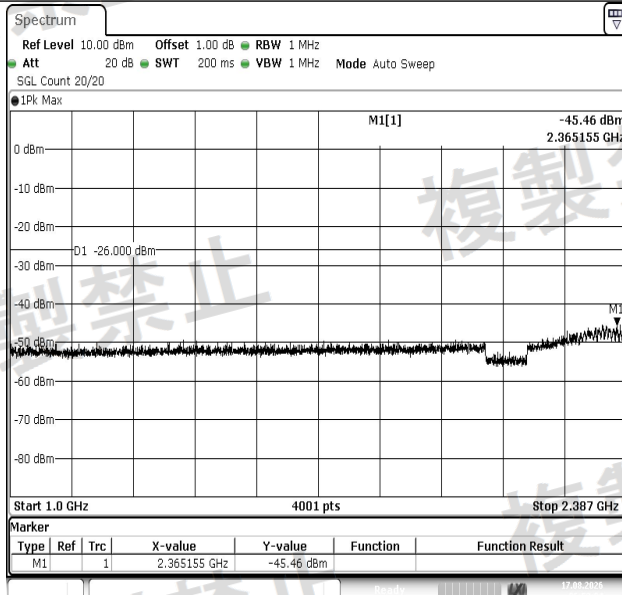


NTNV-BLE_1M-Ant1-2440-2496.5~13000-PASS



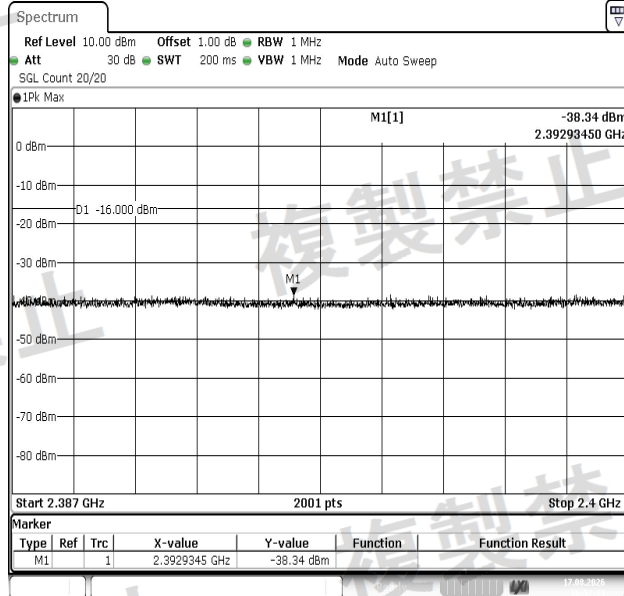


NTNV-BLE_1M-Ant1-2480-30~1000-PASS

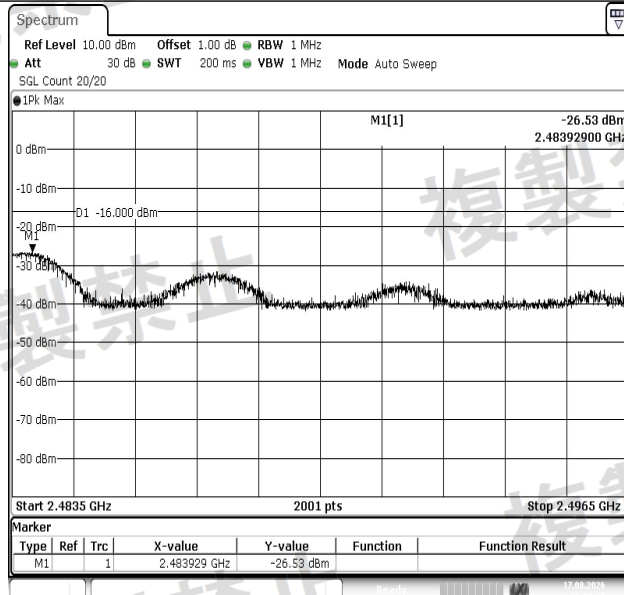


NTNV-BLE_1M-Ant1-2480-1000~2387-PASS



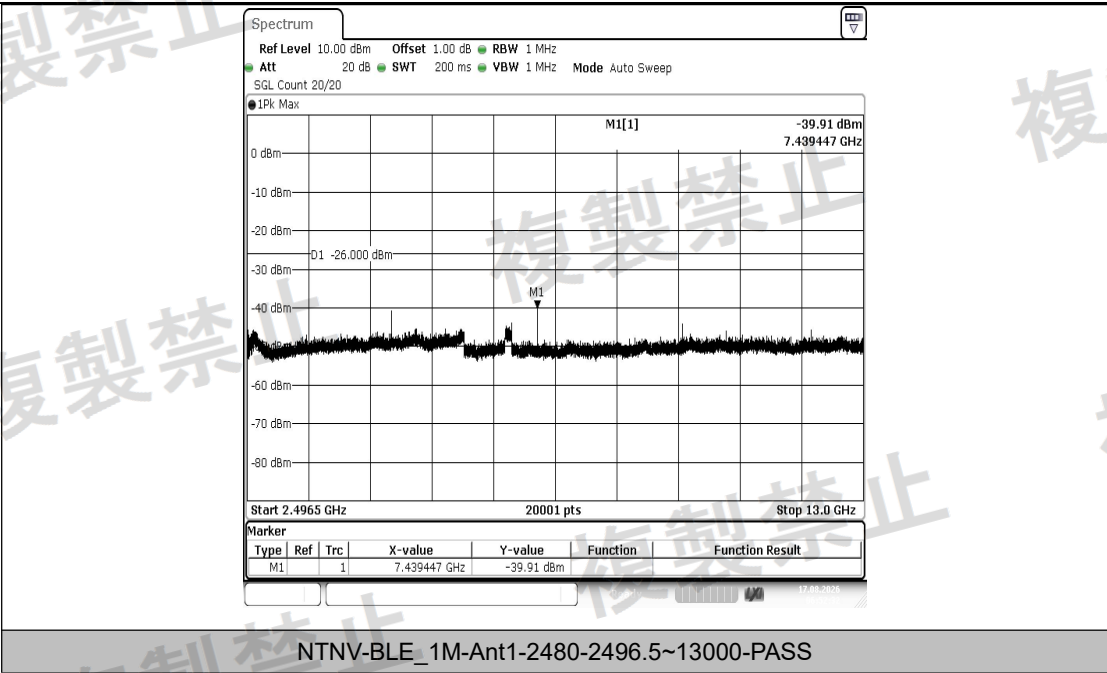


NTNV-BLE_1M-Ant1-2480-2387~2400-PASS



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





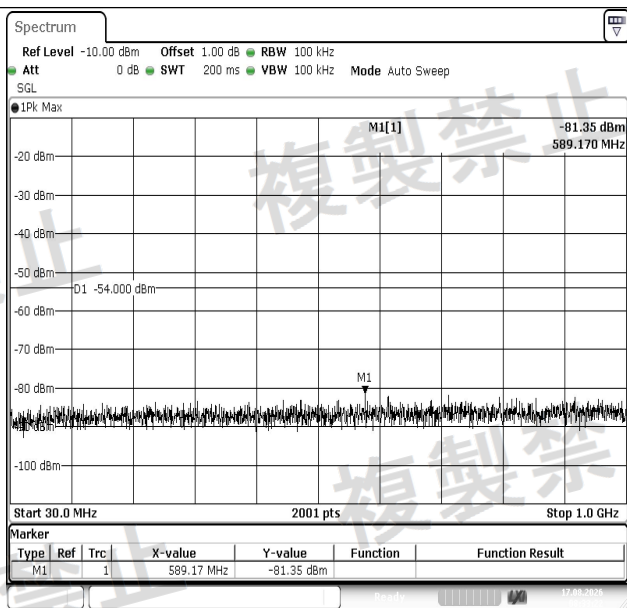
Appendix E: Spurious Emission of RX

Test Result

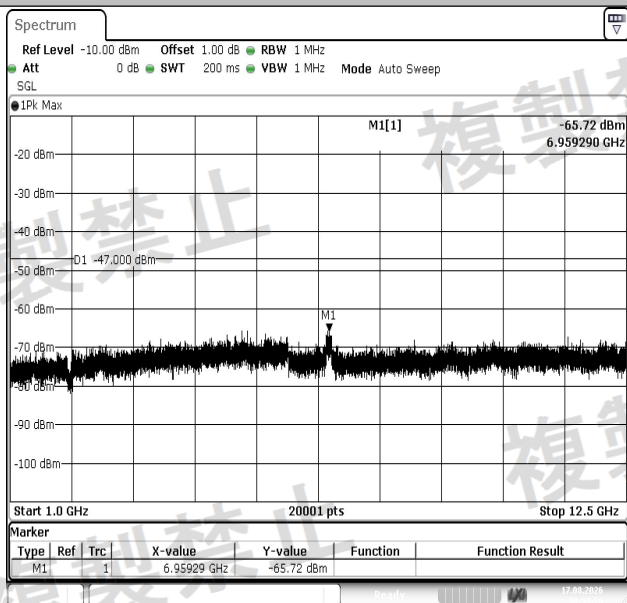
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	589.17	-81.35	≤-54	0.00733	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6959.29	-65.72	≤-47	0.26792	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	955.64	-82.06	≤-54	0.00622	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6999.54	-66.23	≤-47	0.23823	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	956.61	-82.02	≤-54	0.00628	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6969.06	-64.62	≤-47	0.34514	≤20	PASS



Test Graphs

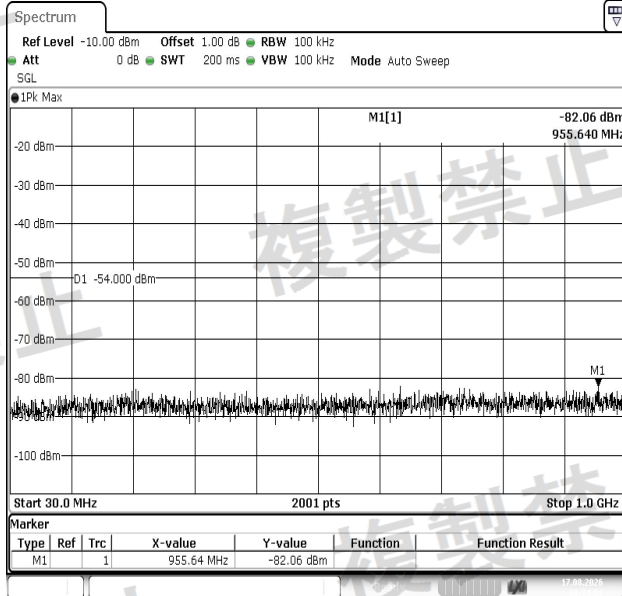


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

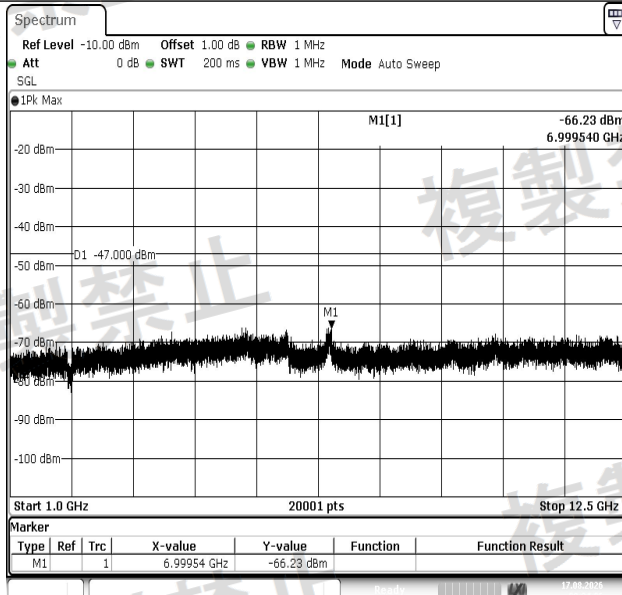


NTNV-BLE_1M-Ant1-2402-1000~12500-PASS



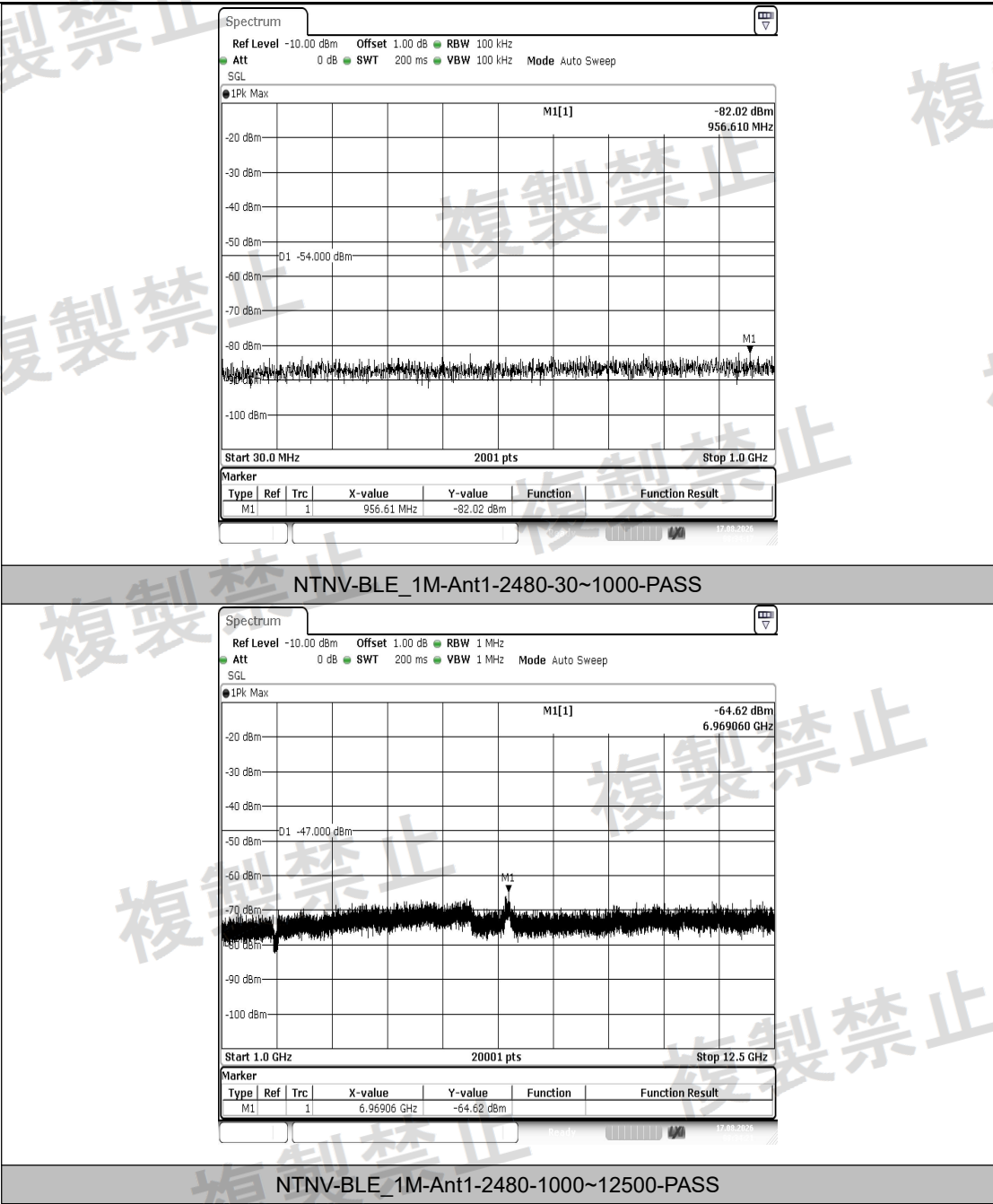


NTNV-BLE_1M-Ant1-2440-30~1000-PASS



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





---End---

