

Appendix Test Data

Report No.:	1812C60128412502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-9	Finish Test Date:	2026-3-12
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	24.9°C	Relative Humidity:	45%
Pressure:	101kPa		

Appendix A: Frequency Error

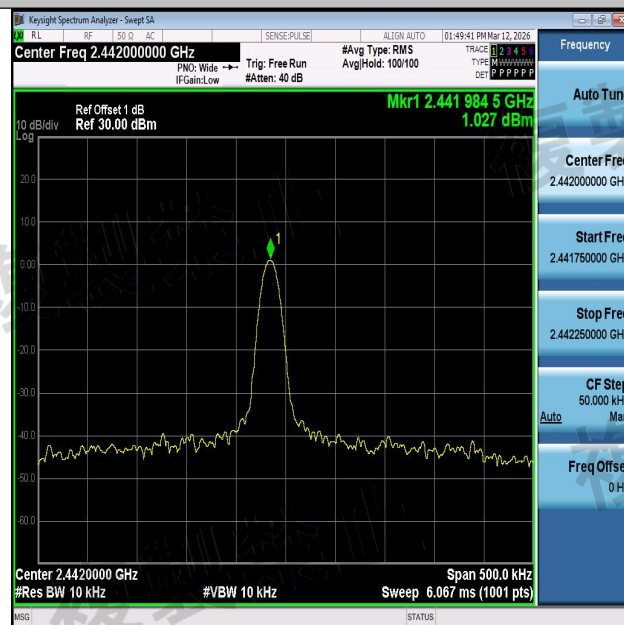
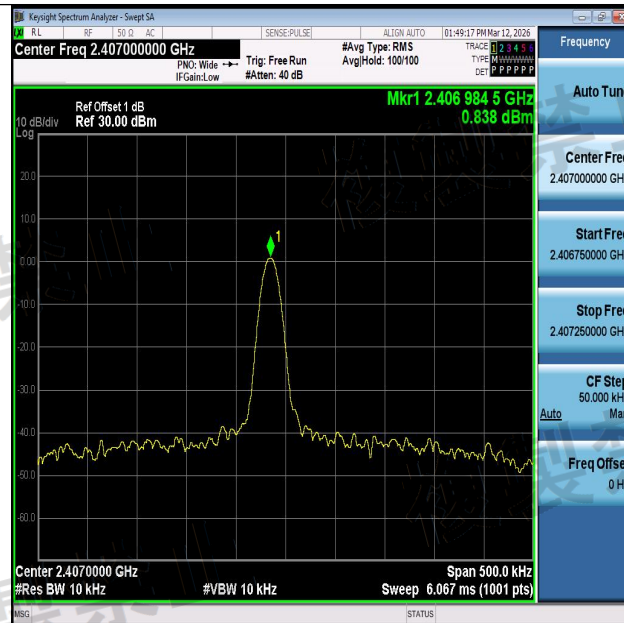
Test Result

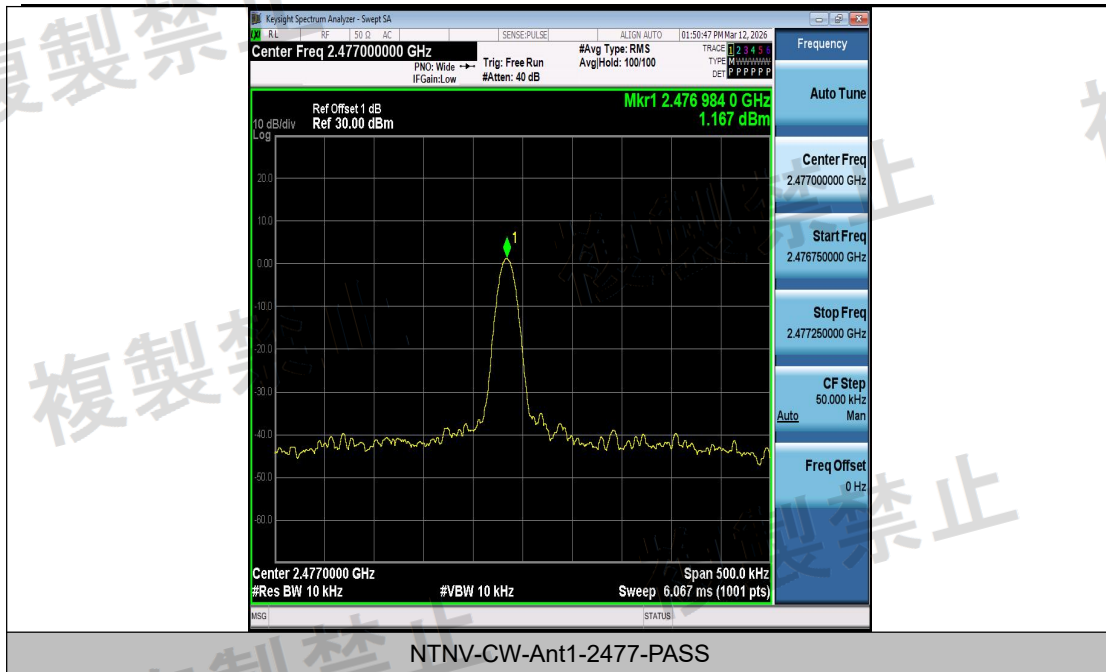
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2407	2406.9845	-6.43955	±50	PASS
NTNV	CW	Ant1	2442	2441.9845	-6.34726	±50	PASS
NTNV	CW	Ant1	2477	2476.984	-6.45943	±50	PASS

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



Test Graphs





Appendix B: Antenna Power

Test Result

Test Condition	Test Mode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTNV	2.4G	Ant1	2407	0.880	1.2246	≤10	PASS
NTNV	2.4G	Ant1	2442	1.064	1.2776	≤10	PASS
NTNV	2.4G	Ant1	2477	1.192	1.3158	≤10	PASS

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

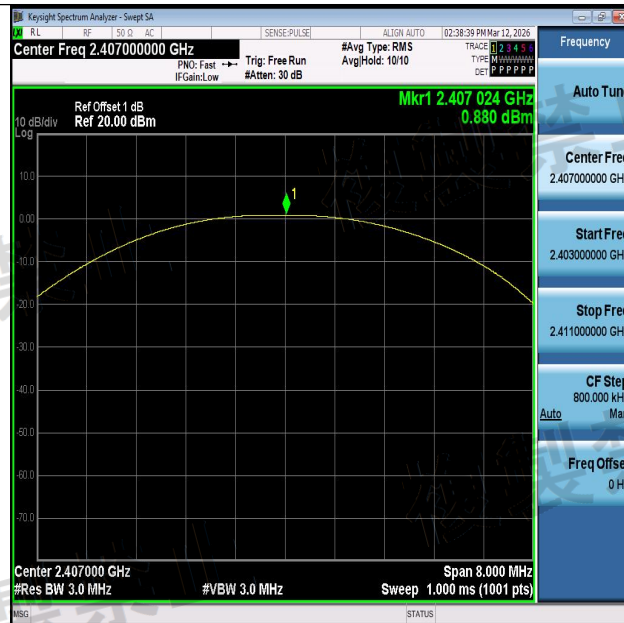
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	2.4G	Ant1	2407	1.2246	3	-59.18	+20	PASS
NTNV	2.4G	Ant1	2442	1.2776	3	-57.41	+20	PASS
NTNV	2.4G	Ant1	2477	1.3158	3	-56.14	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	2.4G	Ant1	2407	0.880	2.64	3.52	≤12.14	PASS
NTNV	2.4G	Ant1	2442	1.064	2.64	3.70	≤12.14	PASS
NTNV	2.4G	Ant1	2477	1.192	2.64	3.83	≤12.14	PASS

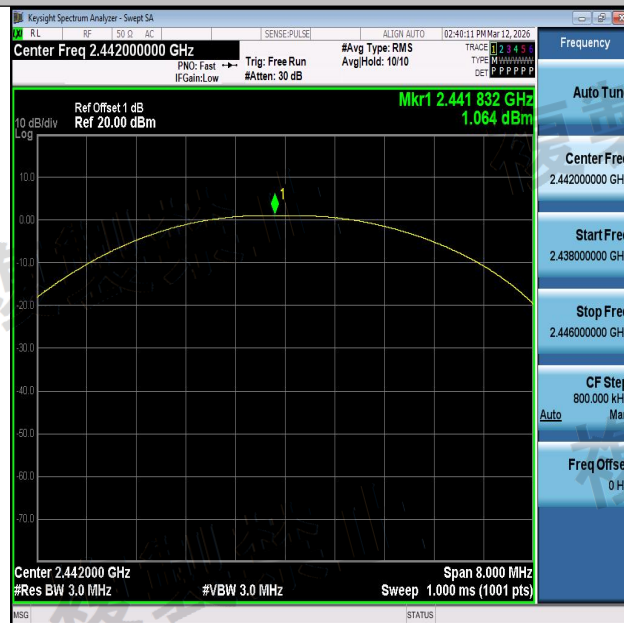
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

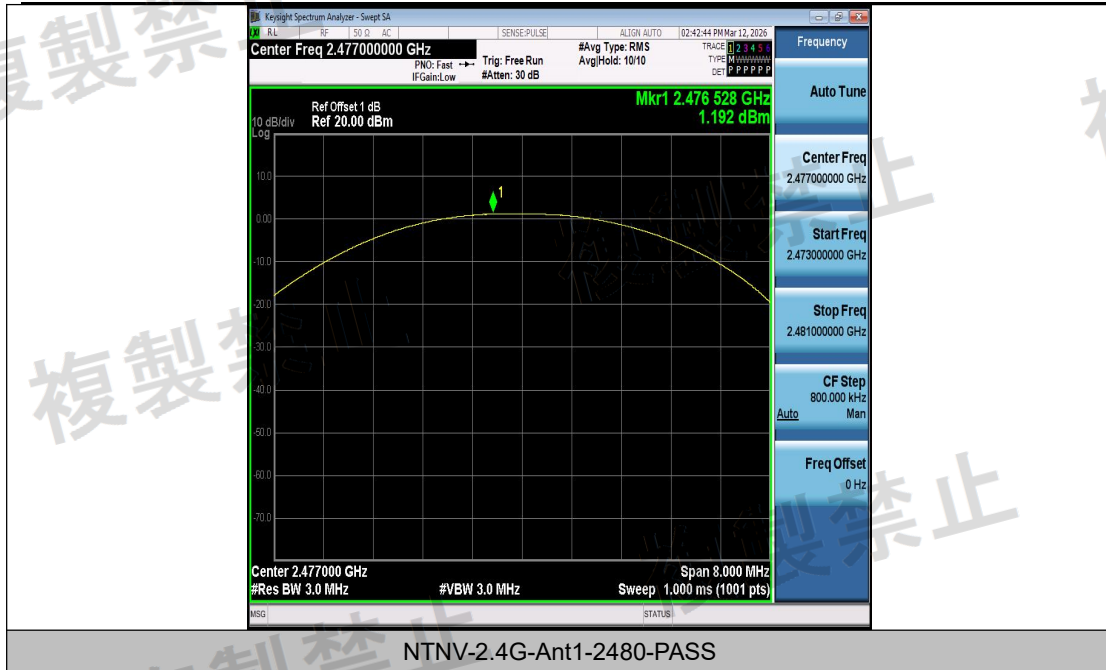


NTNV-2.4G-Ant1-2402-PASS



NTNV-2.4G-Ant1-2440-PASS





Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com



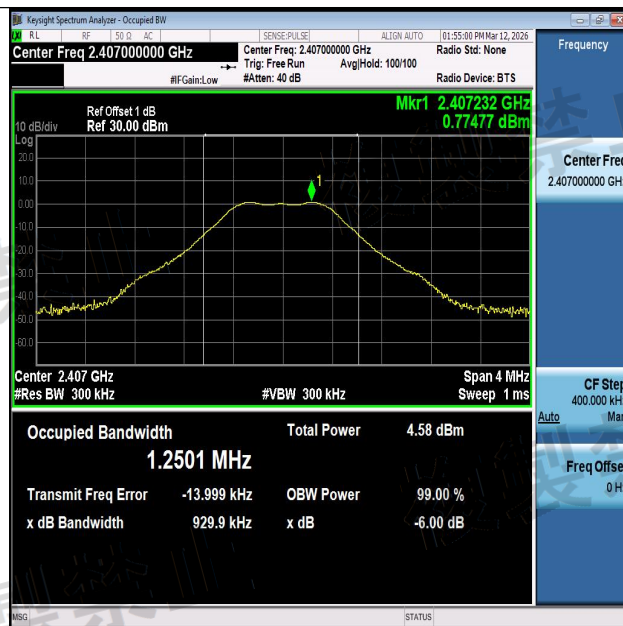
Appendix C: Occupied Bandwidth

Test Result

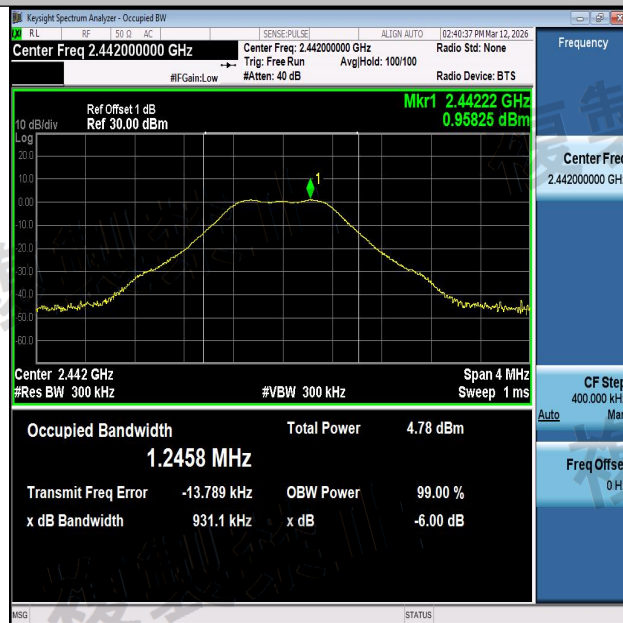
TestCondition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2407	1.250	≤26	PASS
NTNV	2.4G	Ant1	2442	1.246	≤26	PASS
NTNV	2.4G	Ant1	2477	1.247	≤26	PASS



Test Graphs

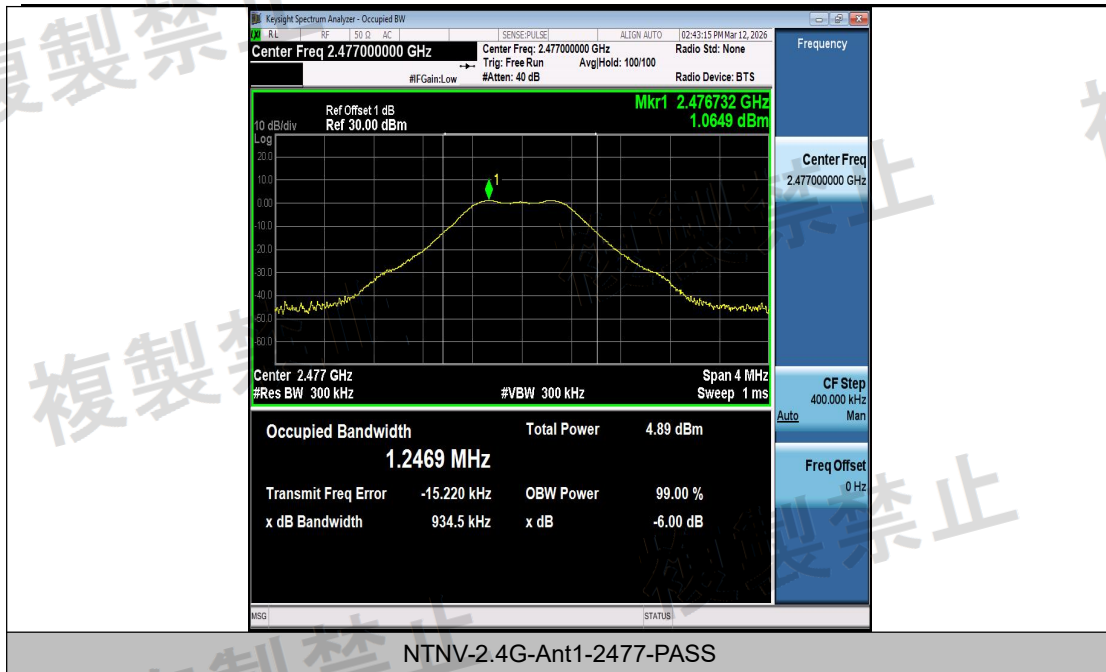


NTNV-2.4G-Ant1-2407-PASS



NTNV-2.4G-Ant1-2442-PASS



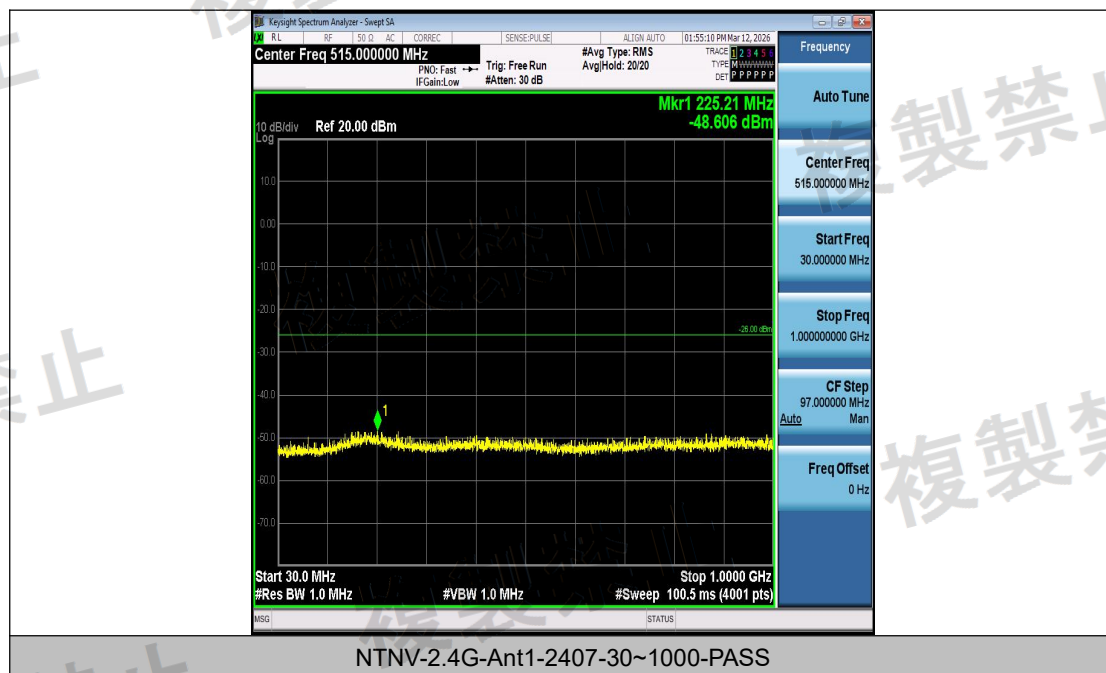


Appendix D: Spurious Emission of TX

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	2.4G	Ant1	2407	30~1000	225.21	-48.61	≤-26	0.01377	≤2.5	PASS
NTNV	2.4G	Ant1	2407	1000~2387	1932.06	-46.88	≤-26	0.02051	≤2.5	PASS
NTNV	2.4G	Ant1	2407	2387~2400	2390.82	-46.47	≤-16	0.02254	≤25	PASS
NTNV	2.4G	Ant1	2407	2483.5~2496.5	2493.48	-45.97	≤-16	0.02529	≤25	PASS
NTNV	2.4G	Ant1	2407	2496.5~13000	3162.95	-45.01	≤-26	0.03155	≤2.5	PASS
NTNV	2.4G	Ant1	2442	30~1000	197.33	-47.48	≤-26	0.01786	≤2.5	PASS
NTNV	2.4G	Ant1	2442	1000~2387	2254.89	-47.97	≤-26	0.01596	≤2.5	PASS
NTNV	2.4G	Ant1	2442	2387~2400	2389.55	-46.33	≤-16	0.02328	≤25	PASS
NTNV	2.4G	Ant1	2442	2483.5~2496.5	2485.55	-46.55	≤-16	0.02213	≤25	PASS
NTNV	2.4G	Ant1	2442	2496.5~13000	7610.65	-45.08	≤-26	0.03105	≤2.5	PASS
NTNV	2.4G	Ant1	2477	30~1000	253.34	-48.29	≤-26	0.01483	≤2.5	PASS
NTNV	2.4G	Ant1	2477	1000~2387	2161.96	-46.93	≤-26	0.02028	≤2.5	PASS
NTNV	2.4G	Ant1	2477	2387~2400	2389.96	-47.08	≤-16	0.01959	≤25	PASS
NTNV	2.4G	Ant1	2477	2483.5~2496.5	2489.90	-46.39	≤-16	0.02296	≤25	PASS
NTNV	2.4G	Ant1	2477	2496.5~13000	3234.37	-44.65	≤-26	0.03428	≤2.5	PASS

Test Graphs



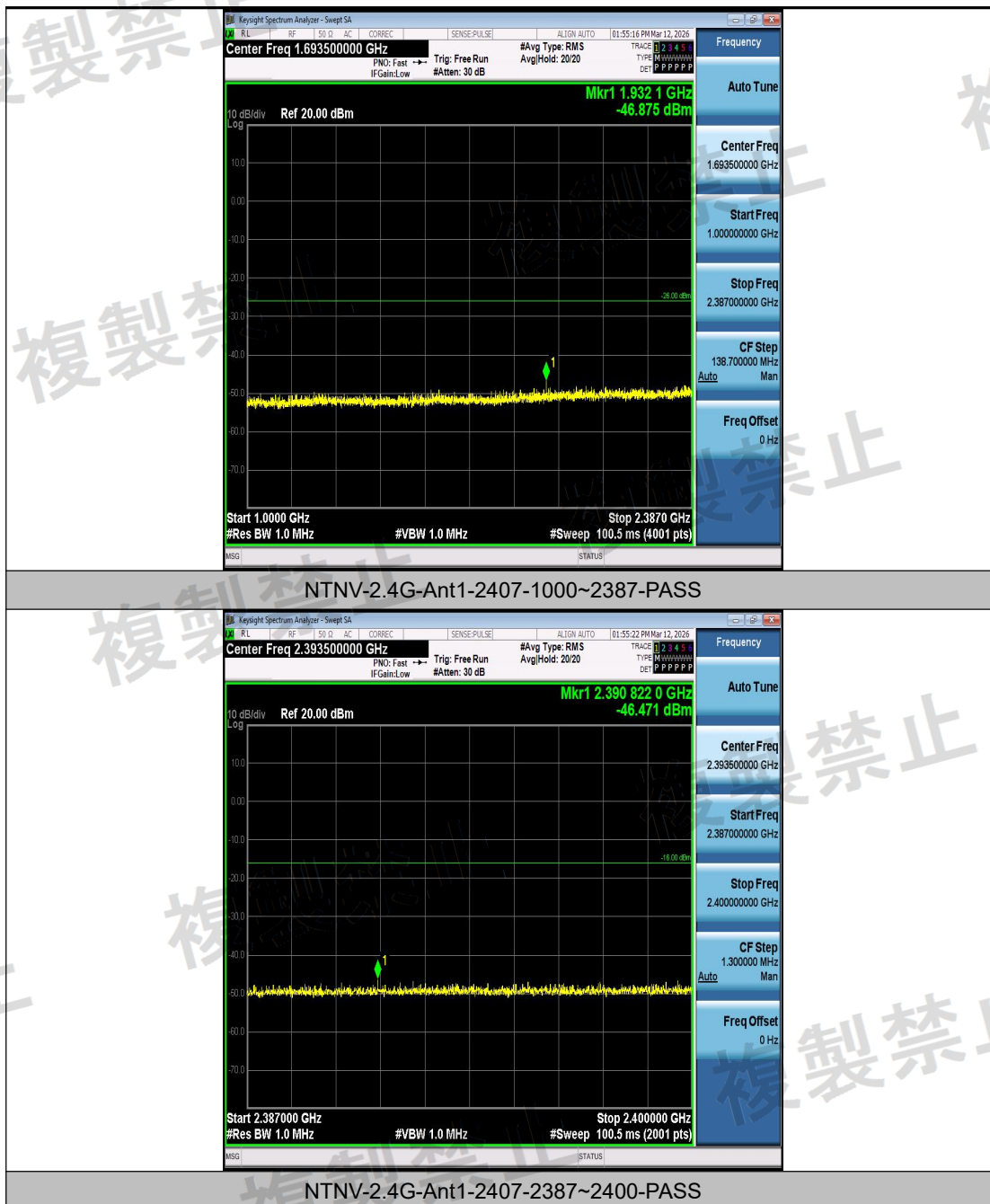
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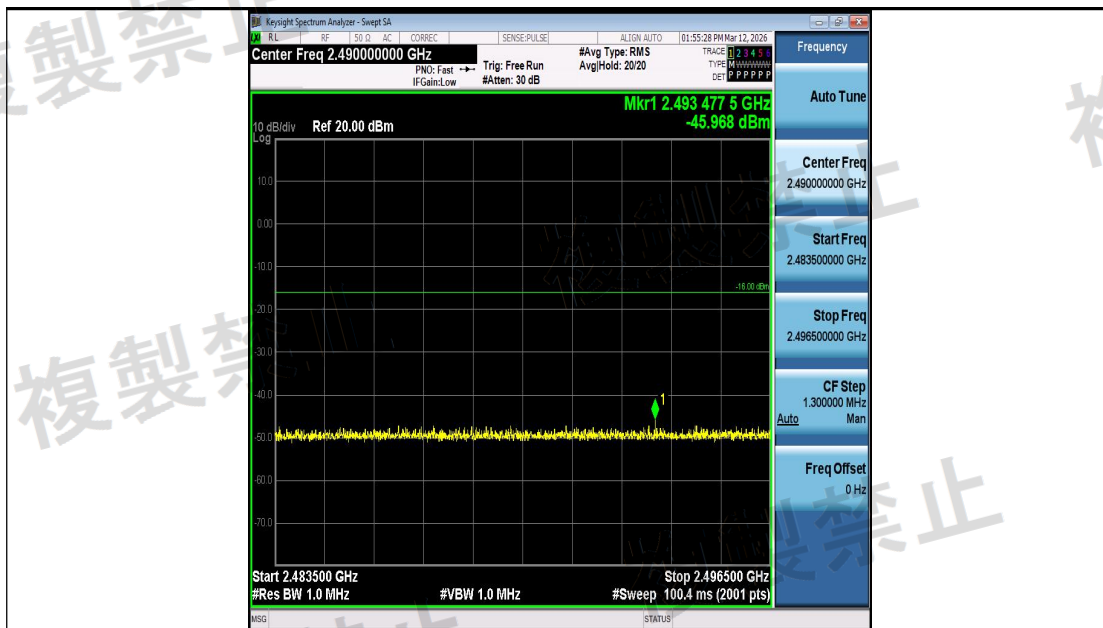
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotech.com



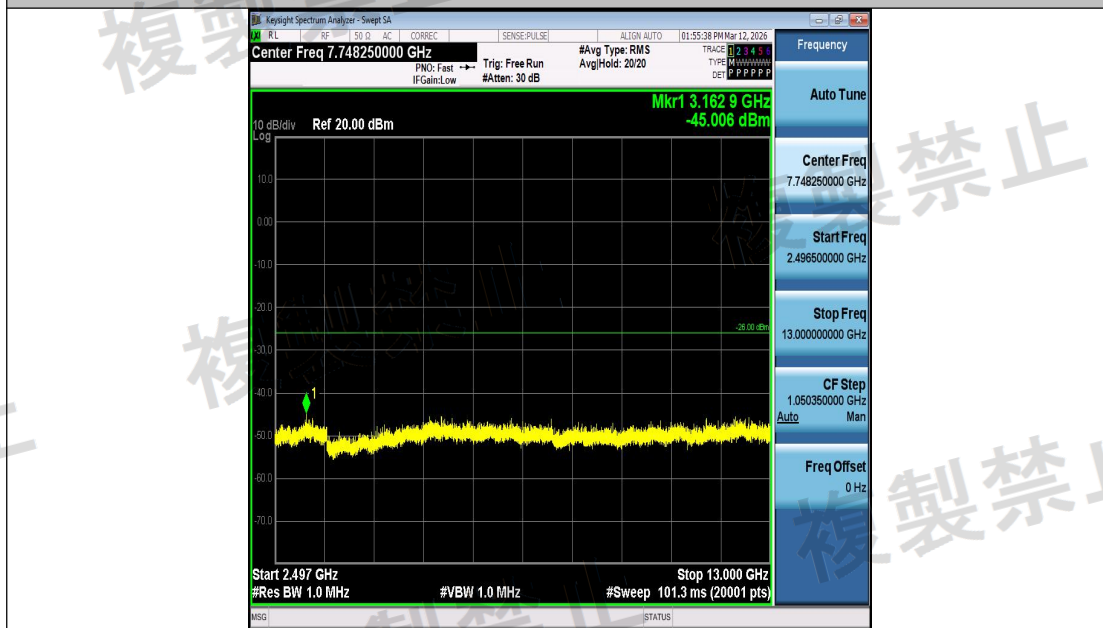
Hotline
400-003-0500
www.anbotech.com





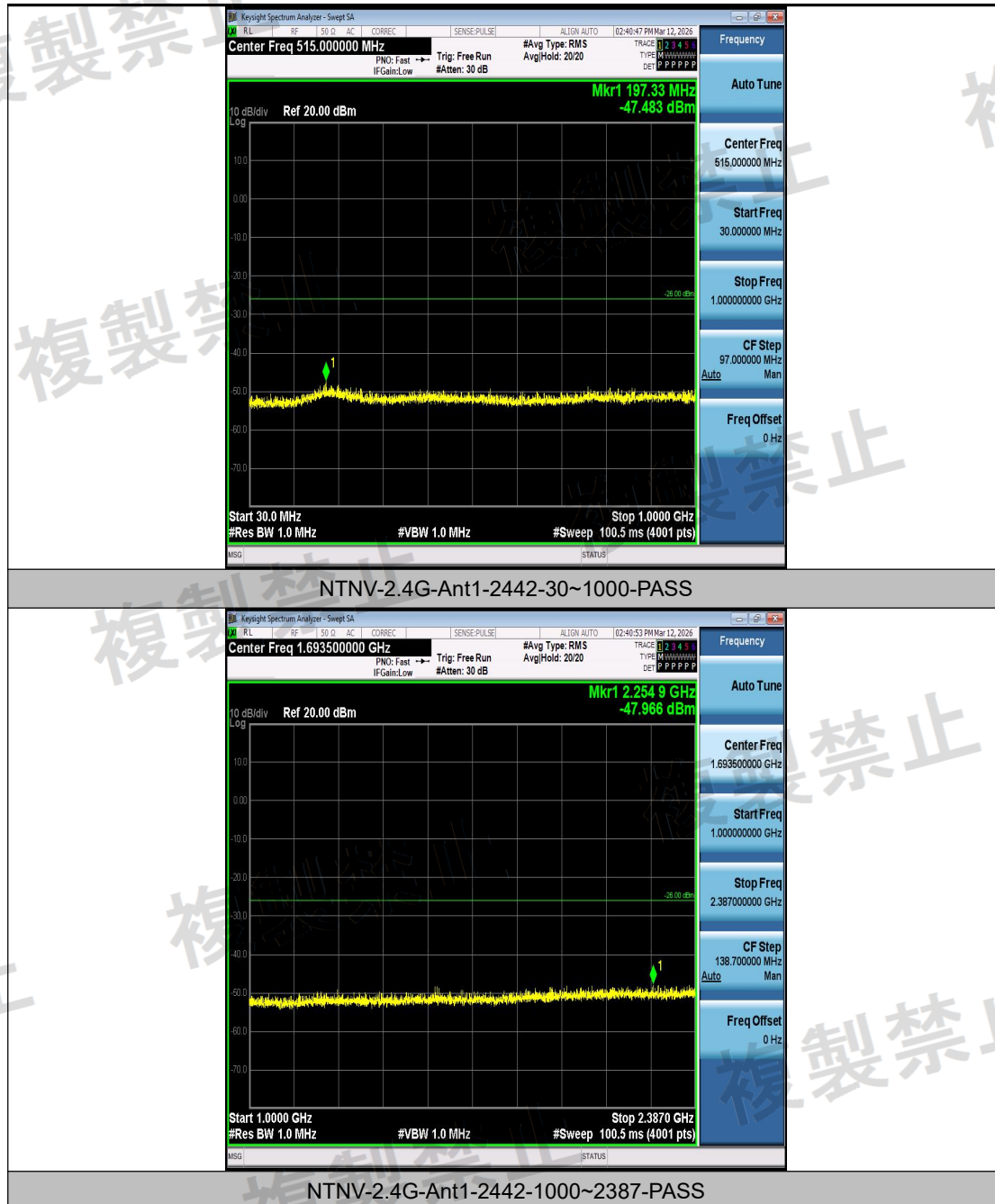


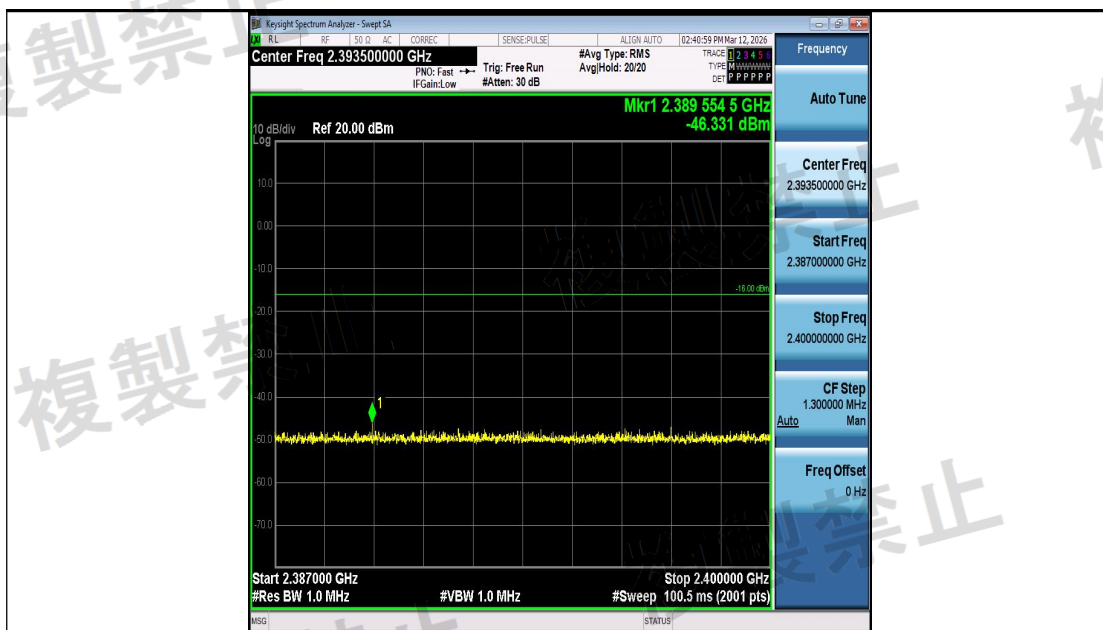
NTNV-2.4G-Ant1-2407-2483.5~2496.5-PASS



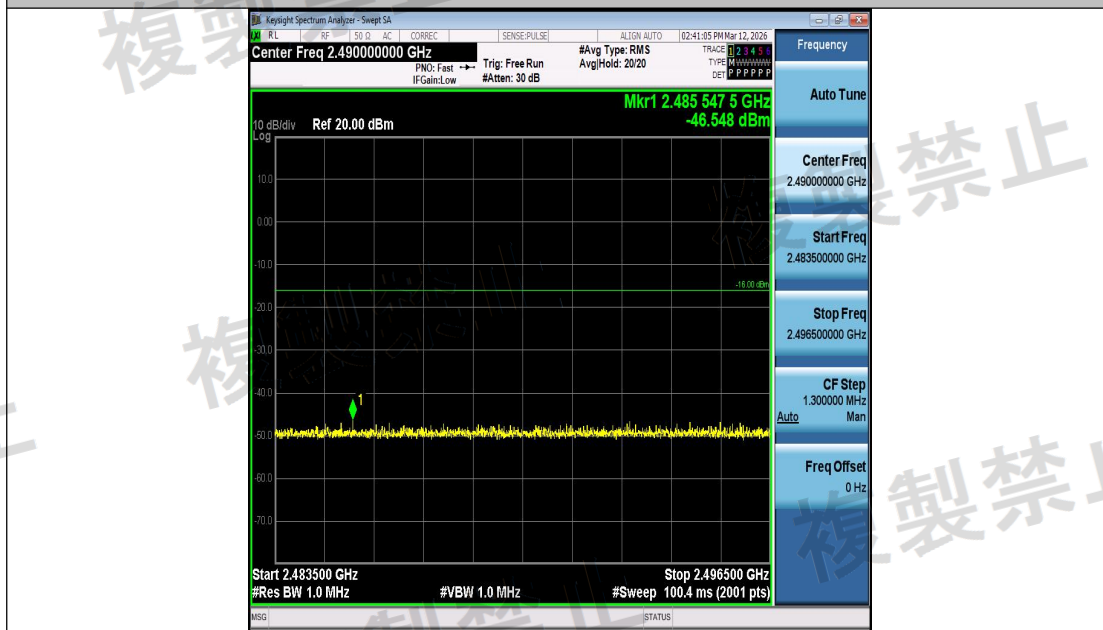
NTNV-2.4G-Ant1-2407-2496.5~13000-PASS





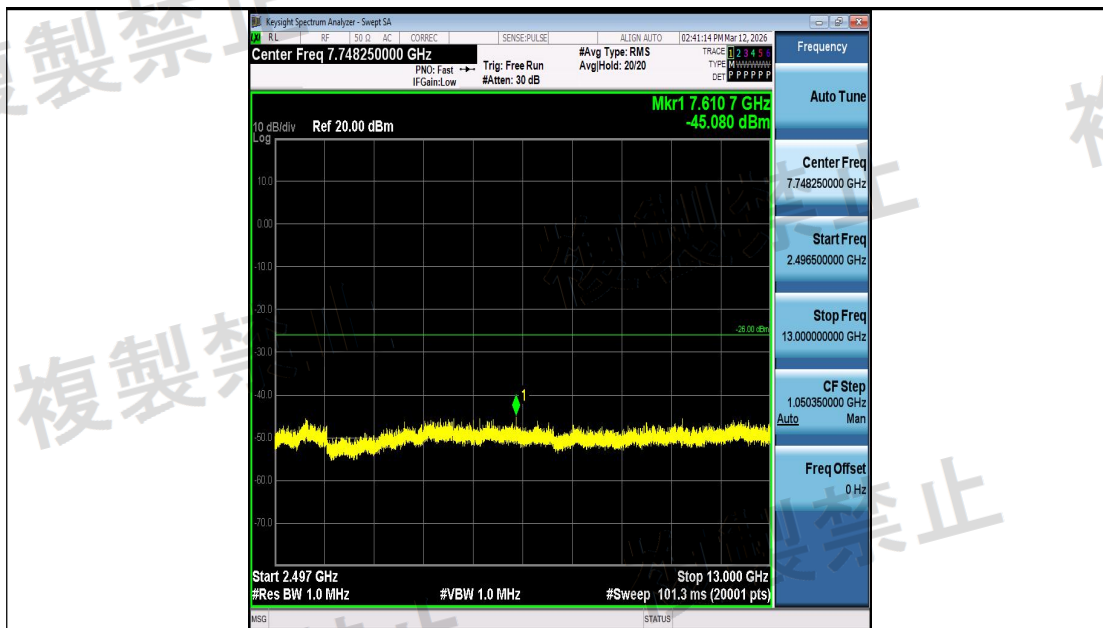


NTNV-2.4G-Ant1-2442-2387~2400-PASS

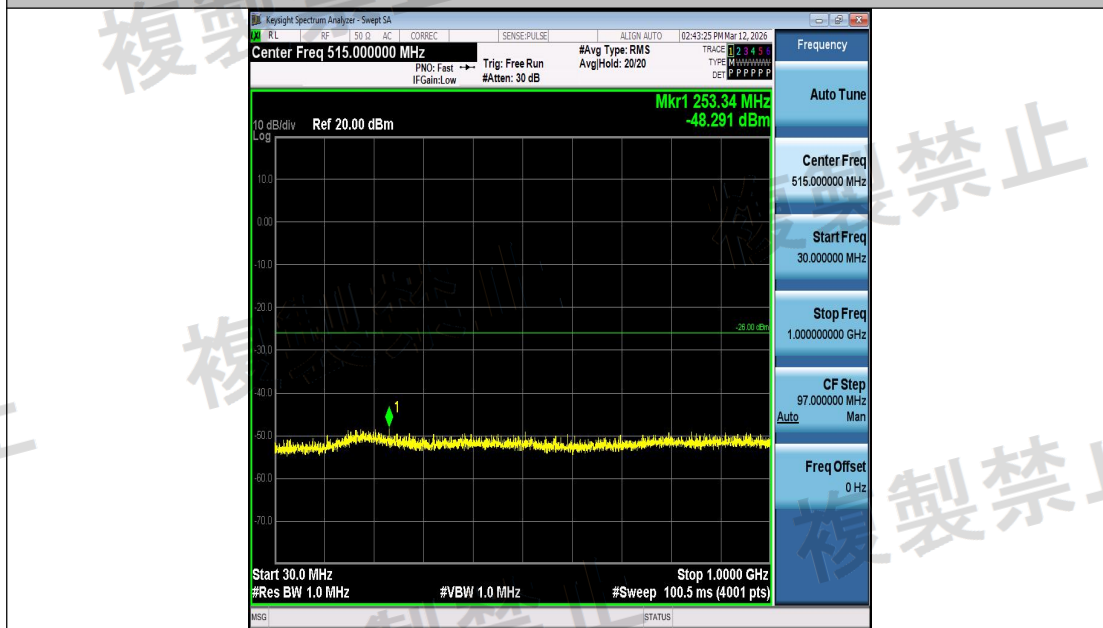


NTNV-2.4G-Ant1-2442-2483.5~2496.5-PASS



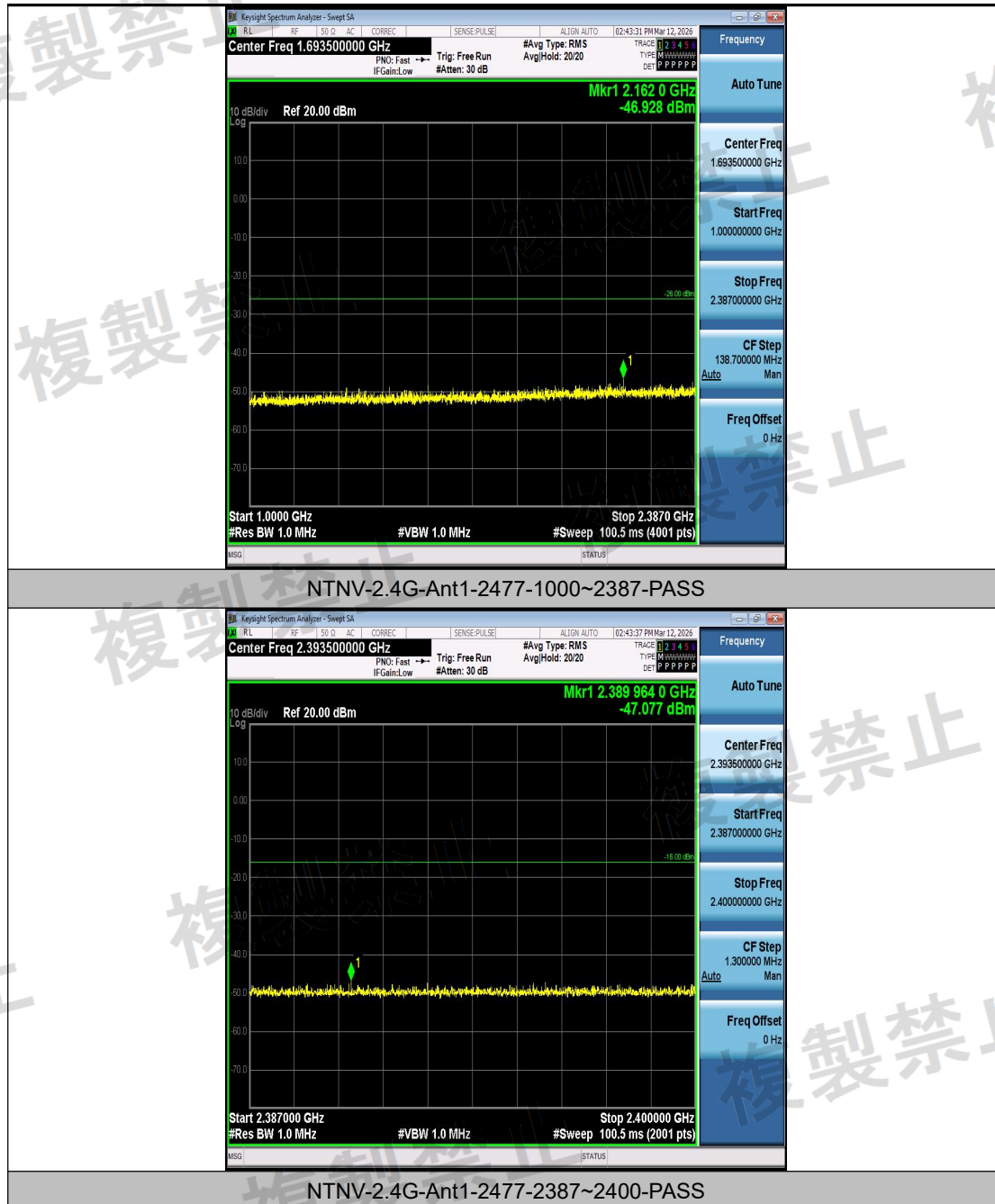


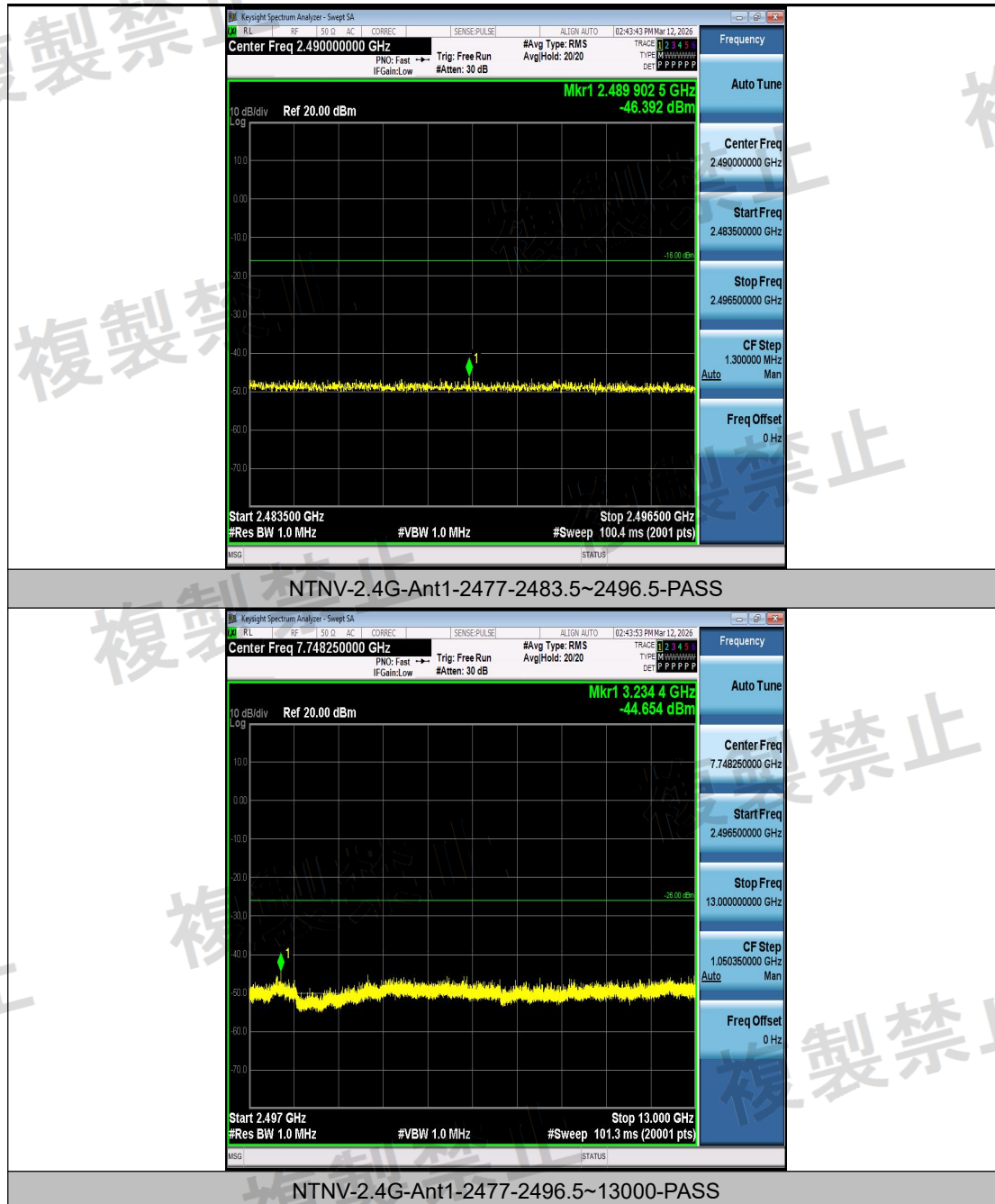
NTNV-2.4G-Ant1-2442-2496.5~13000-PASS



NTNV-2.4G-Ant1-2477-30~1000-PASS





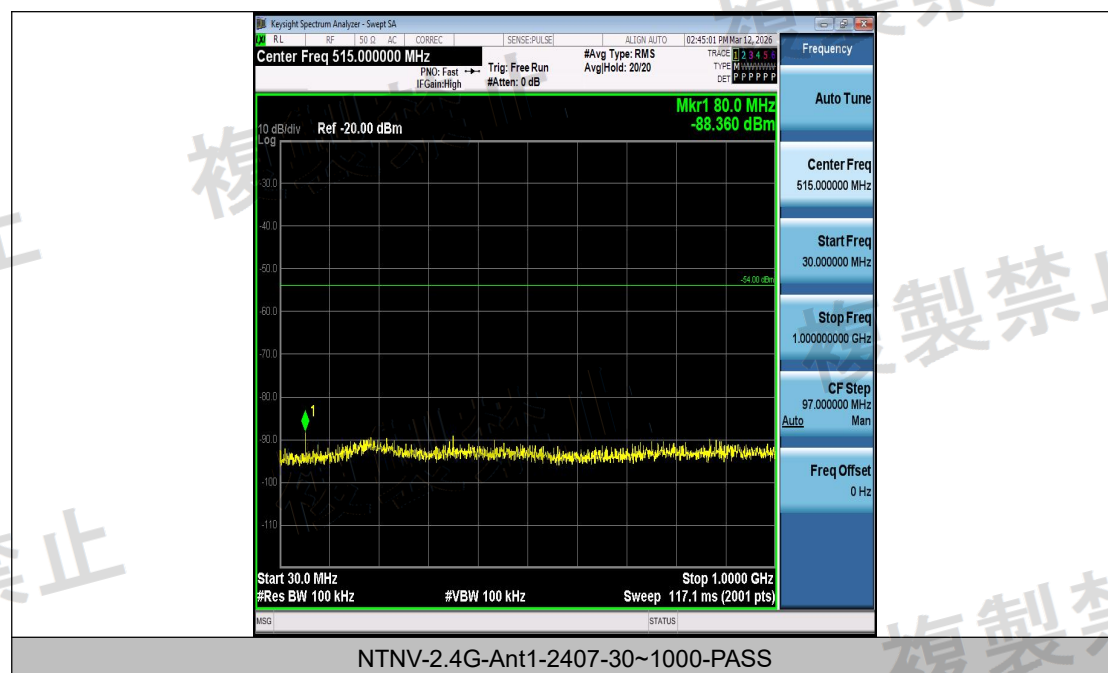


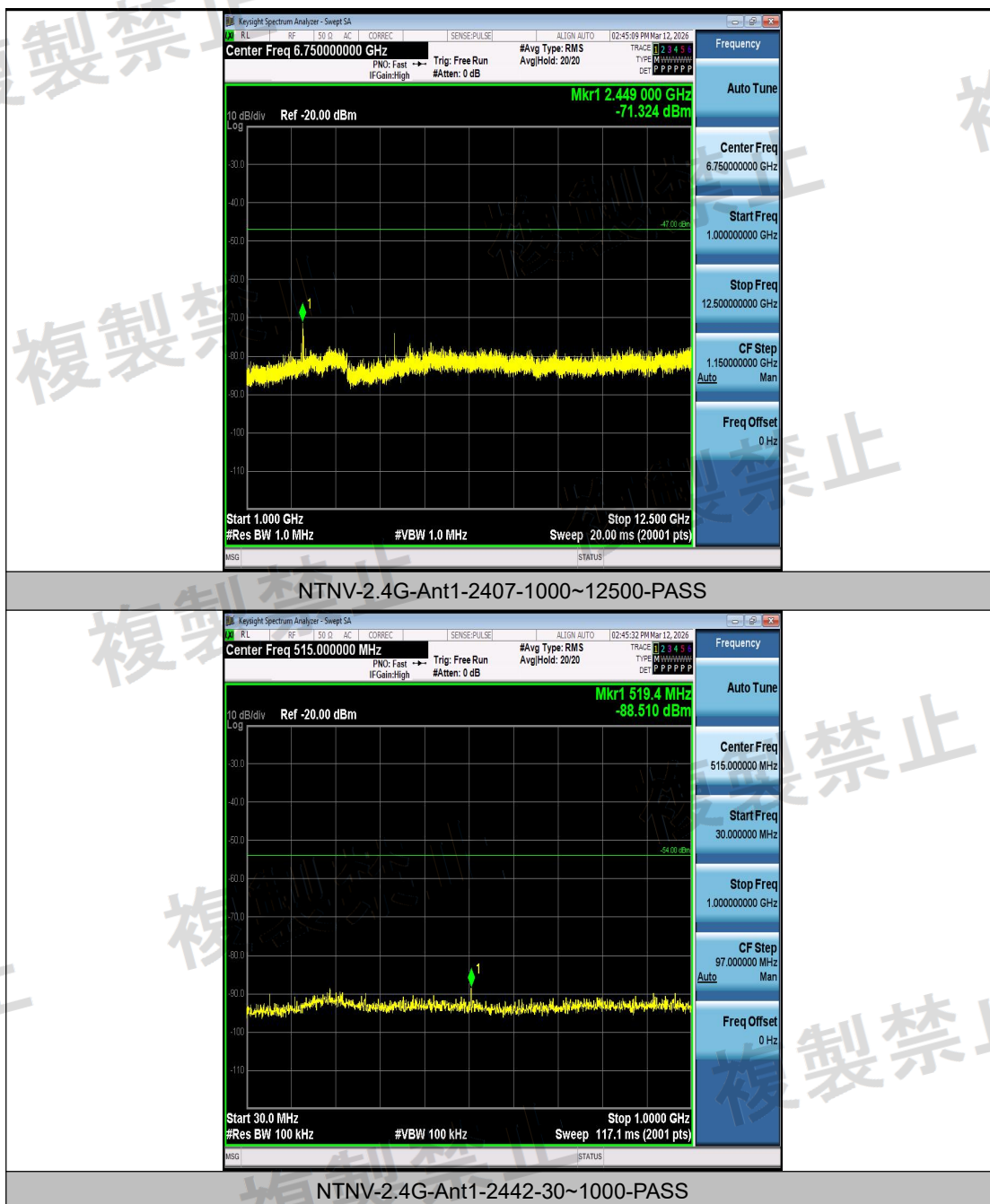
Appendix E: Spurious Emission of RX

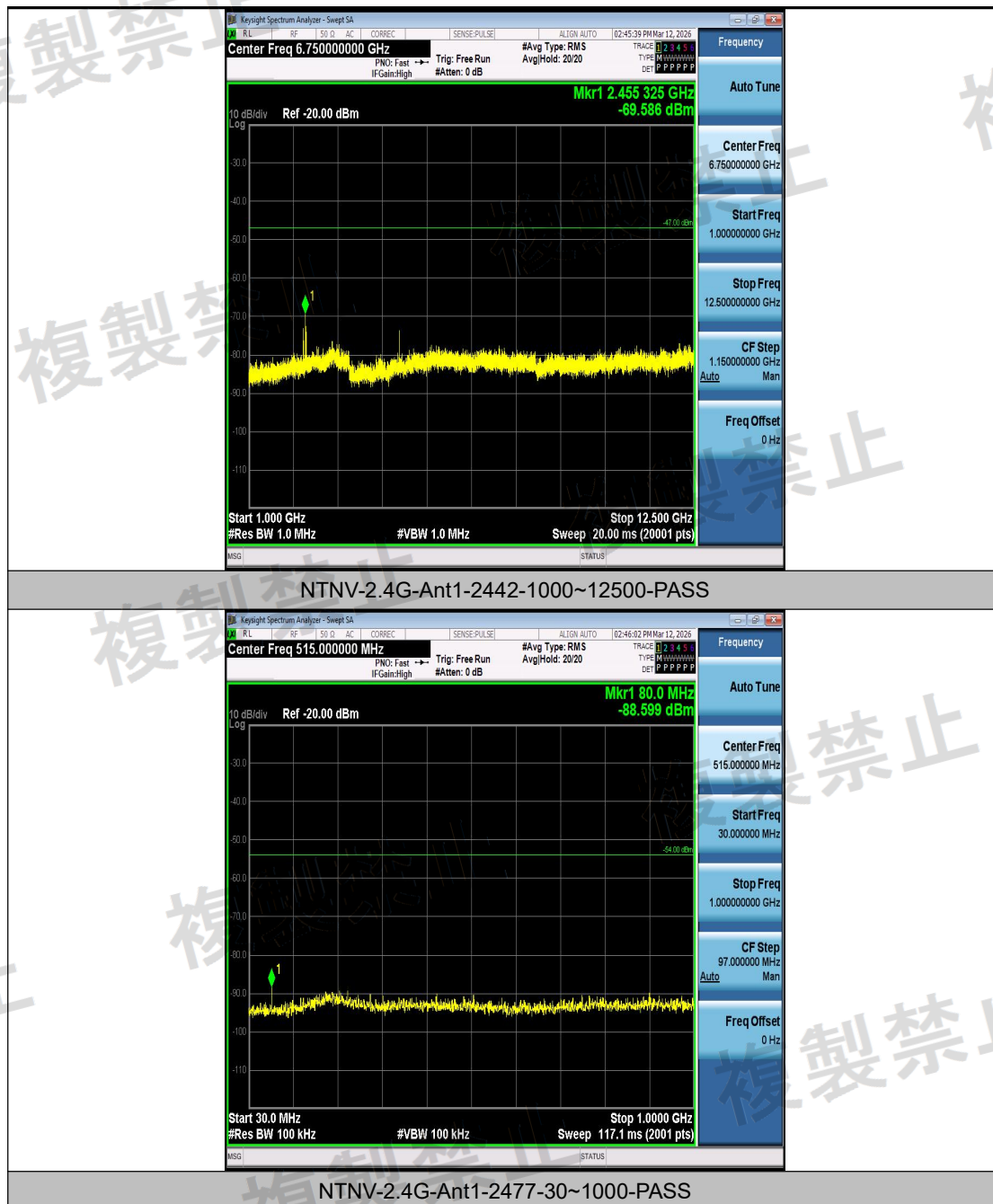
Test Result

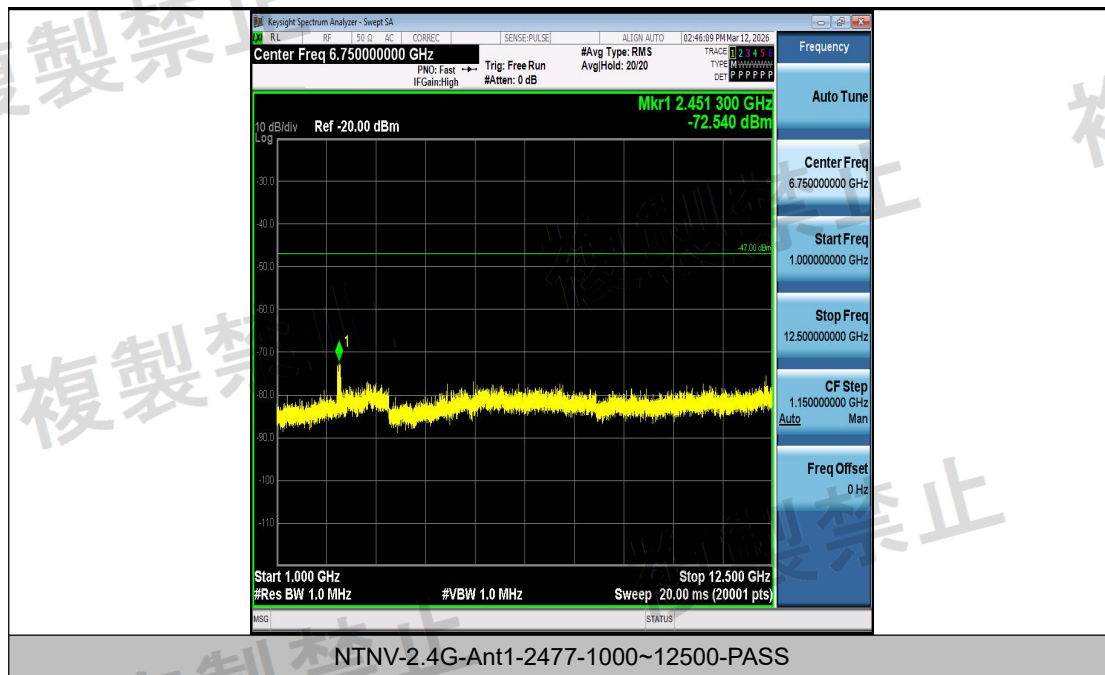
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant1	2407	30~1000	79.96	-88.36	≤-54	0.00146	≤4	PASS
NTNV	2.4G	Ant1	2407	1000~12500	2449.00	-71.32	≤-47	0.07379	≤20	PASS
NTNV	2.4G	Ant1	2442	30~1000	519.37	-88.51	≤-54	0.00141	≤4	PASS
NTNV	2.4G	Ant1	2442	1000~12500	2455.33	-69.59	≤-47	0.10990	≤20	PASS
NTNV	2.4G	Ant1	2477	30~1000	79.96	-88.60	≤-54	0.00138	≤4	PASS
NTNV	2.4G	Ant1	2477	1000~12500	2451.30	-72.54	≤-47	0.05572	≤20	PASS

Test Graphs









---End---

