

Appendix Test Data

Report No.:	1812C60128412501-01	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

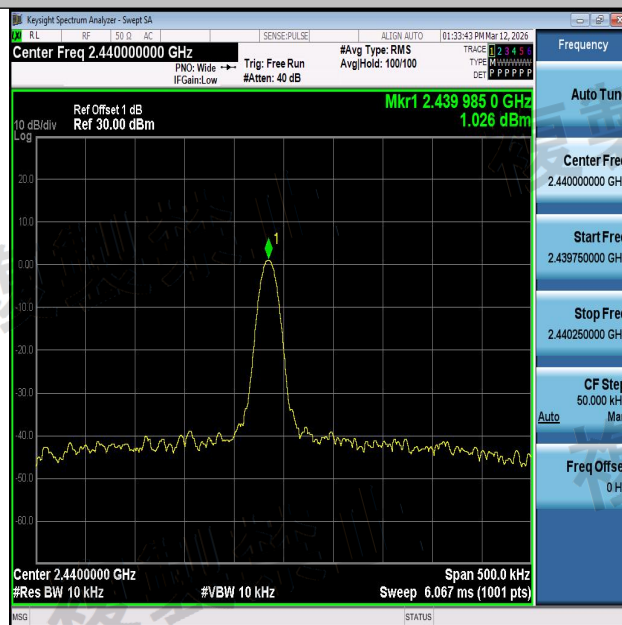
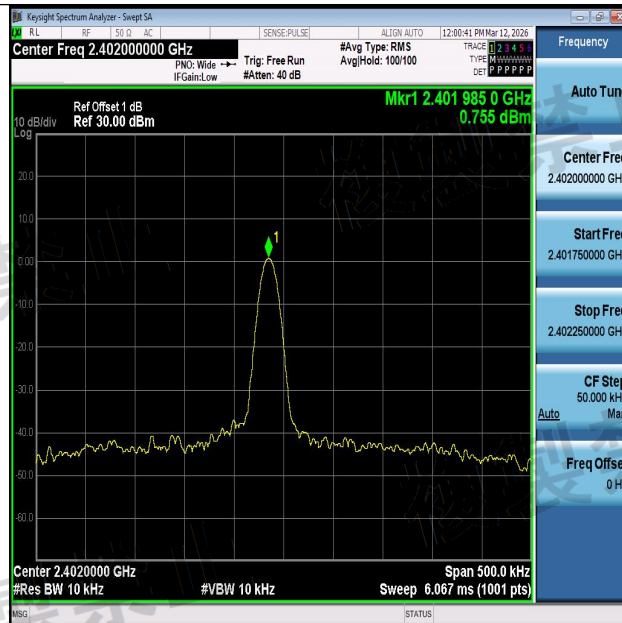
Test Result

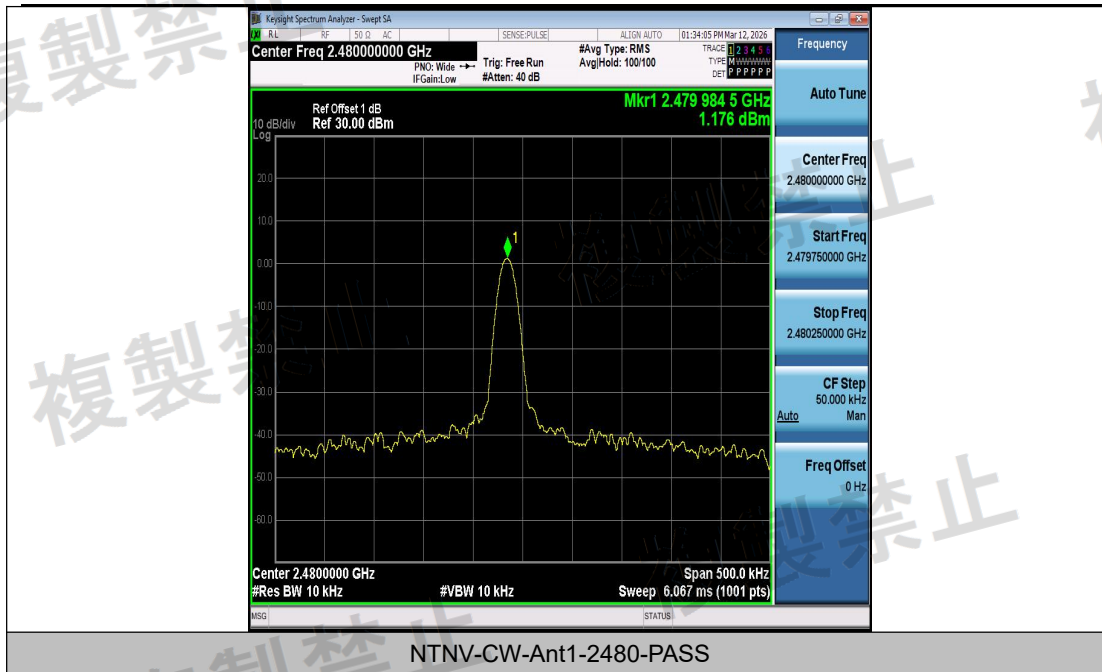
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.985	-6.24480	±50	PASS
NTNV	CW	Ant1	2440	2439.985	-6.14754	±50	PASS
NTNV	CW	Ant1	2480	2479.9845	-6.25000	±50	PASS

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	BLE_1M	Ant1	2402	1.003	1.2598	≤10	PASS
NTNV	BLE_1M	Ant1	2440	1.196	1.3170	≤10	PASS
NTNV	BLE_1M	Ant1	2480	1.349	1.3643	≤10	PASS

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

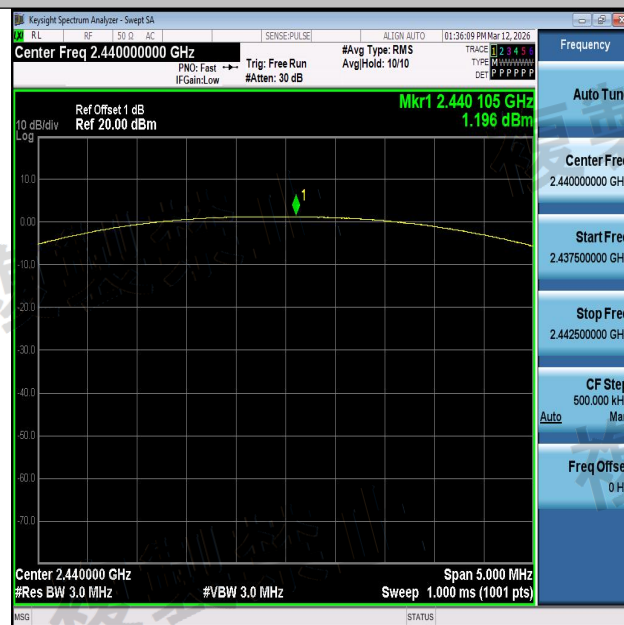
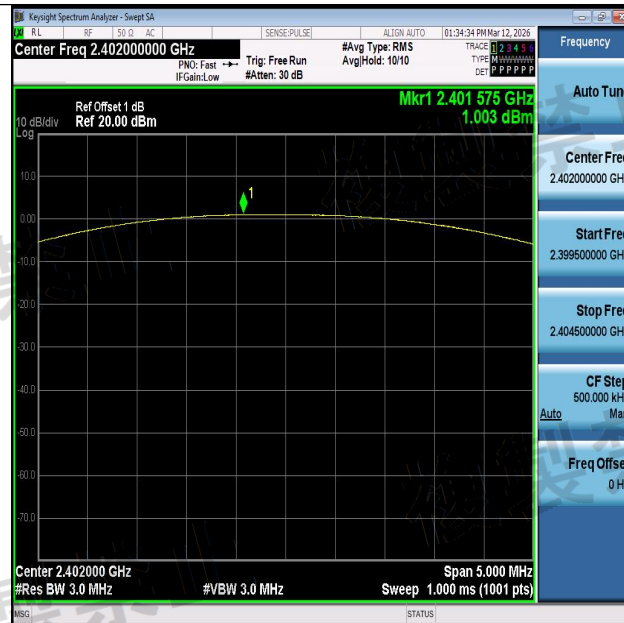
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.2598	3	-58.01	+20	PASS
NTNV	BLE_1M	Ant1	2440	1.3170	3	-56.10	+20	PASS
NTNV	BLE_1M	Ant1	2480	1.3643	3	-54.52	+20	PASS

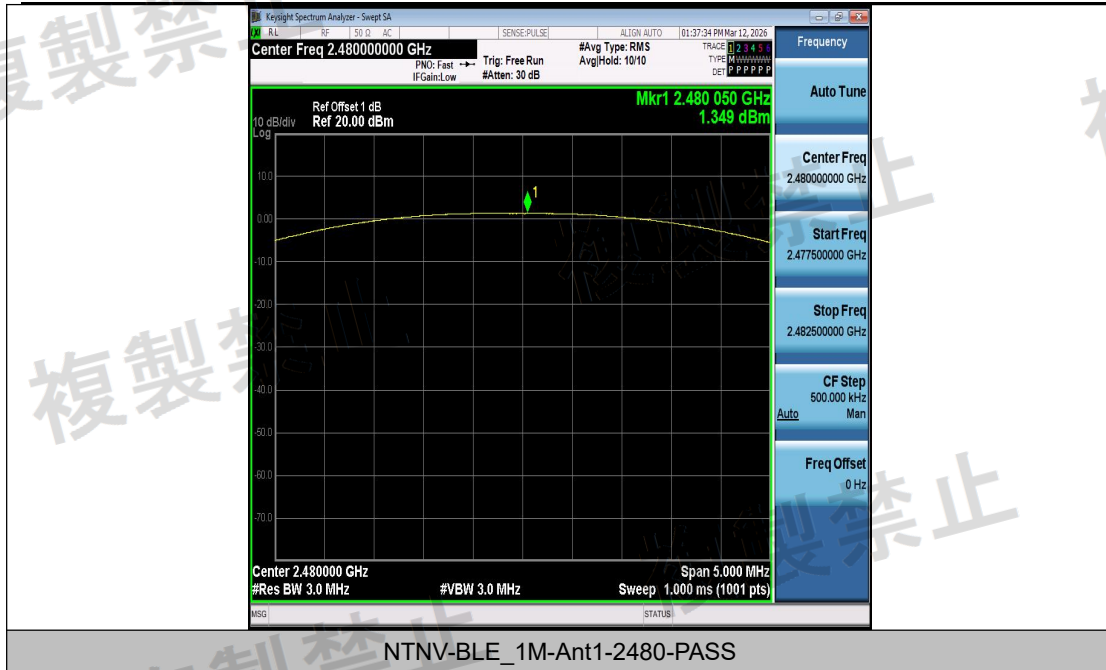
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	1.003	2.64	3.64	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	1.196	2.64	3.84	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	1.349	2.64	3.99	≤12.14	PASS

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



Test Graphs





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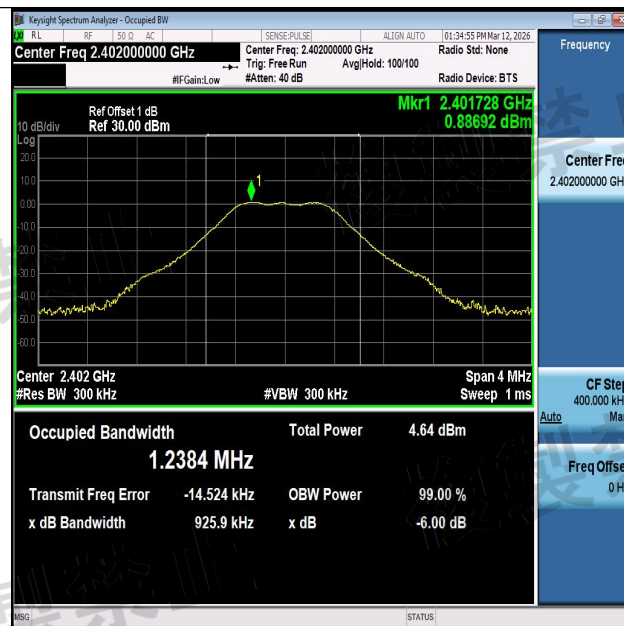
Appendix C: Occupied Bandwidth

Test Result

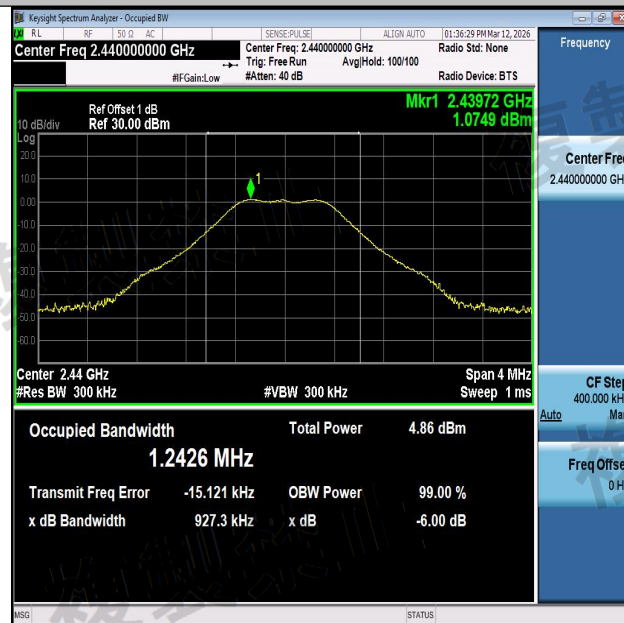
TestCondition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.238	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.243	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.245	≤26	PASS



Test Graphs

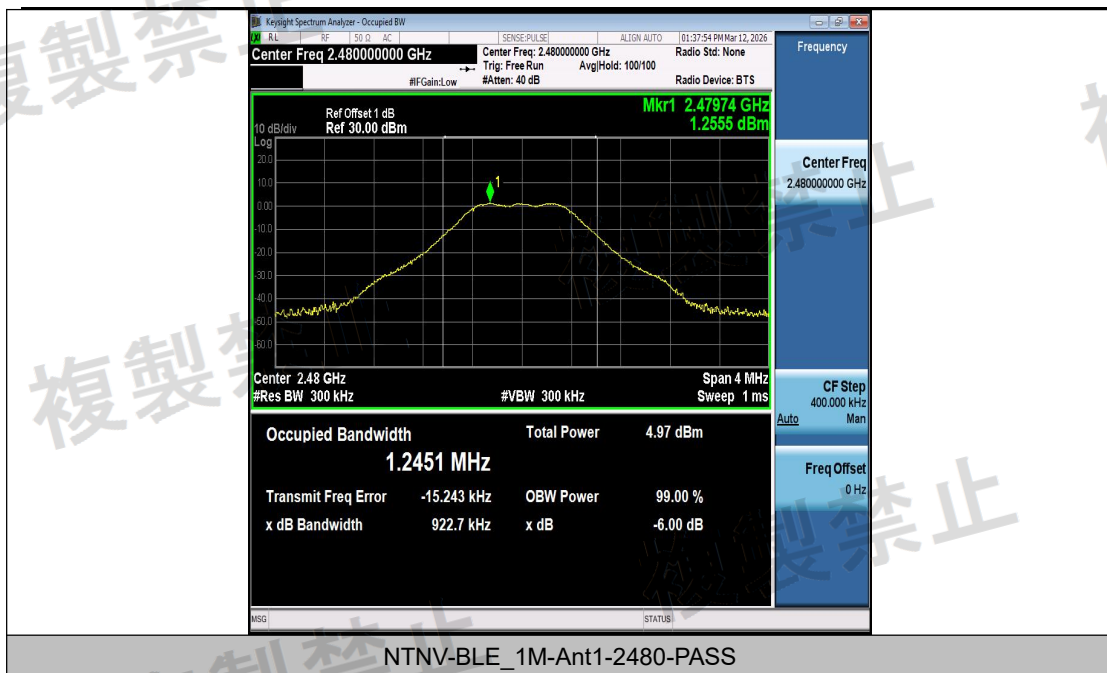


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



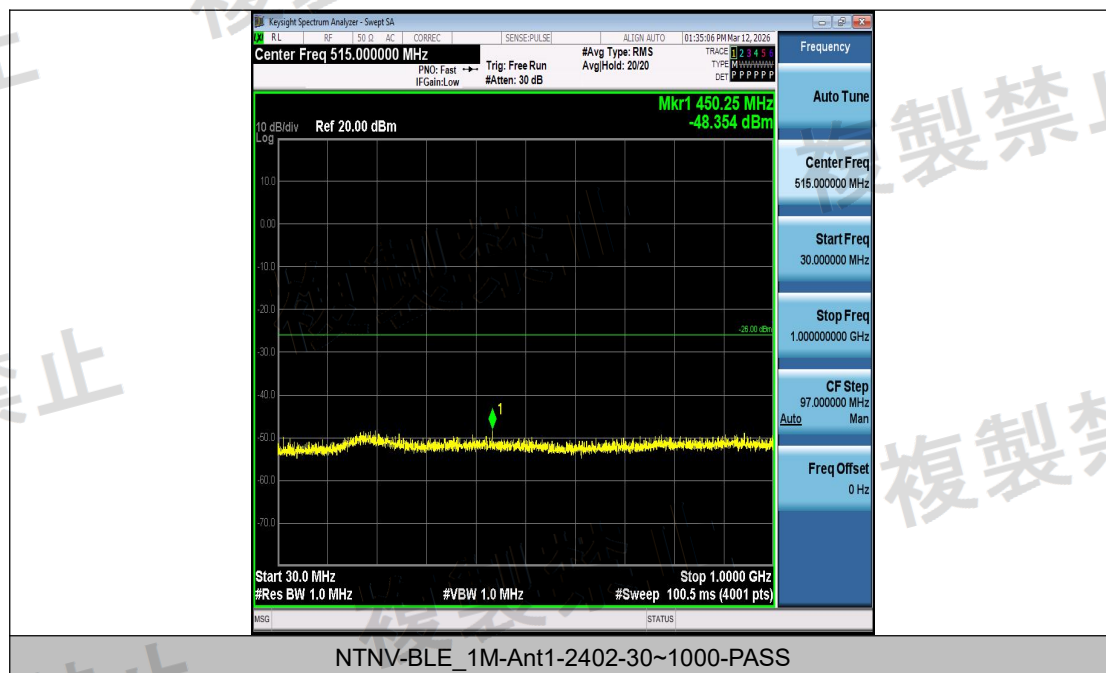


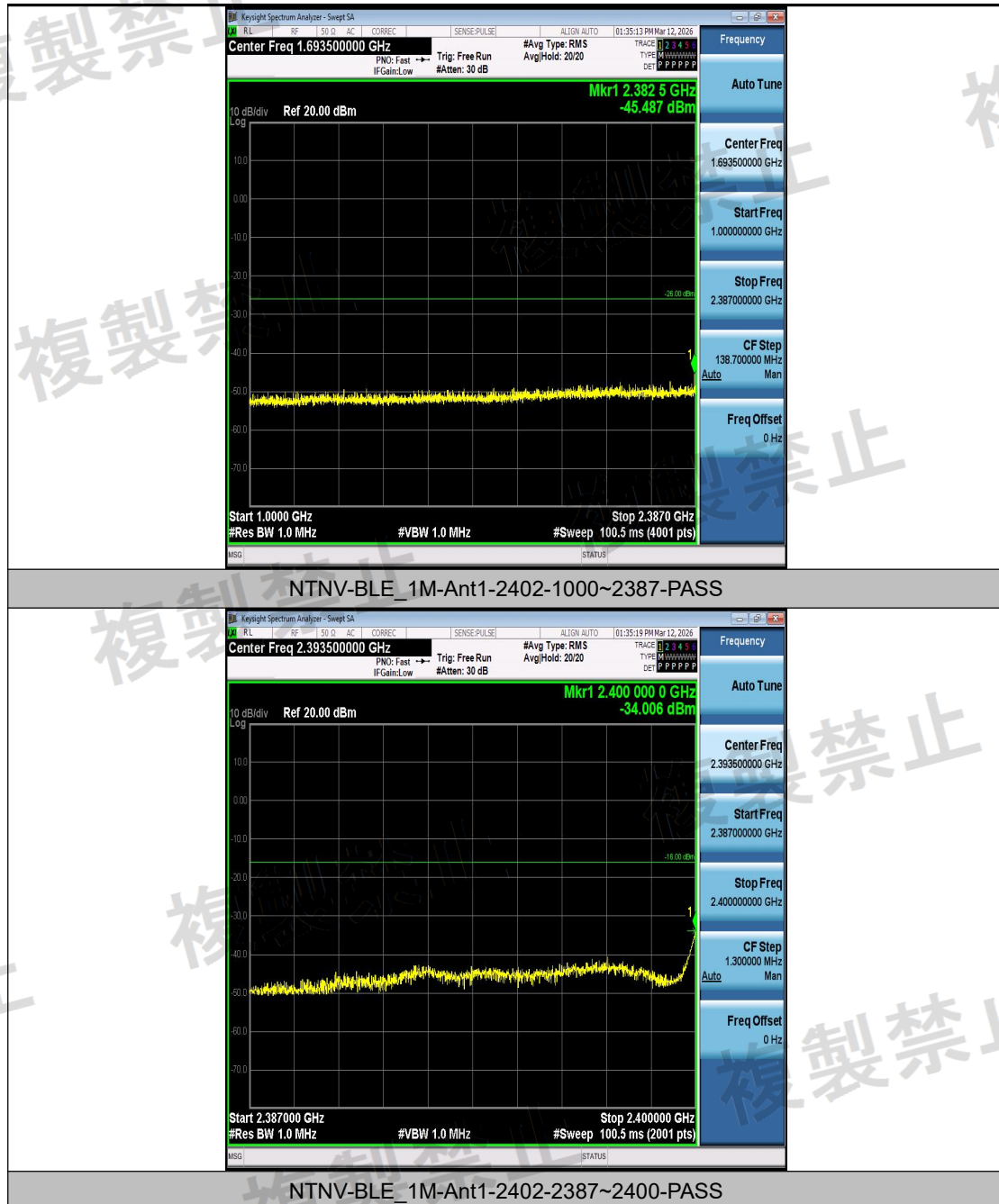
Appendix D: Spurious Emission of TX

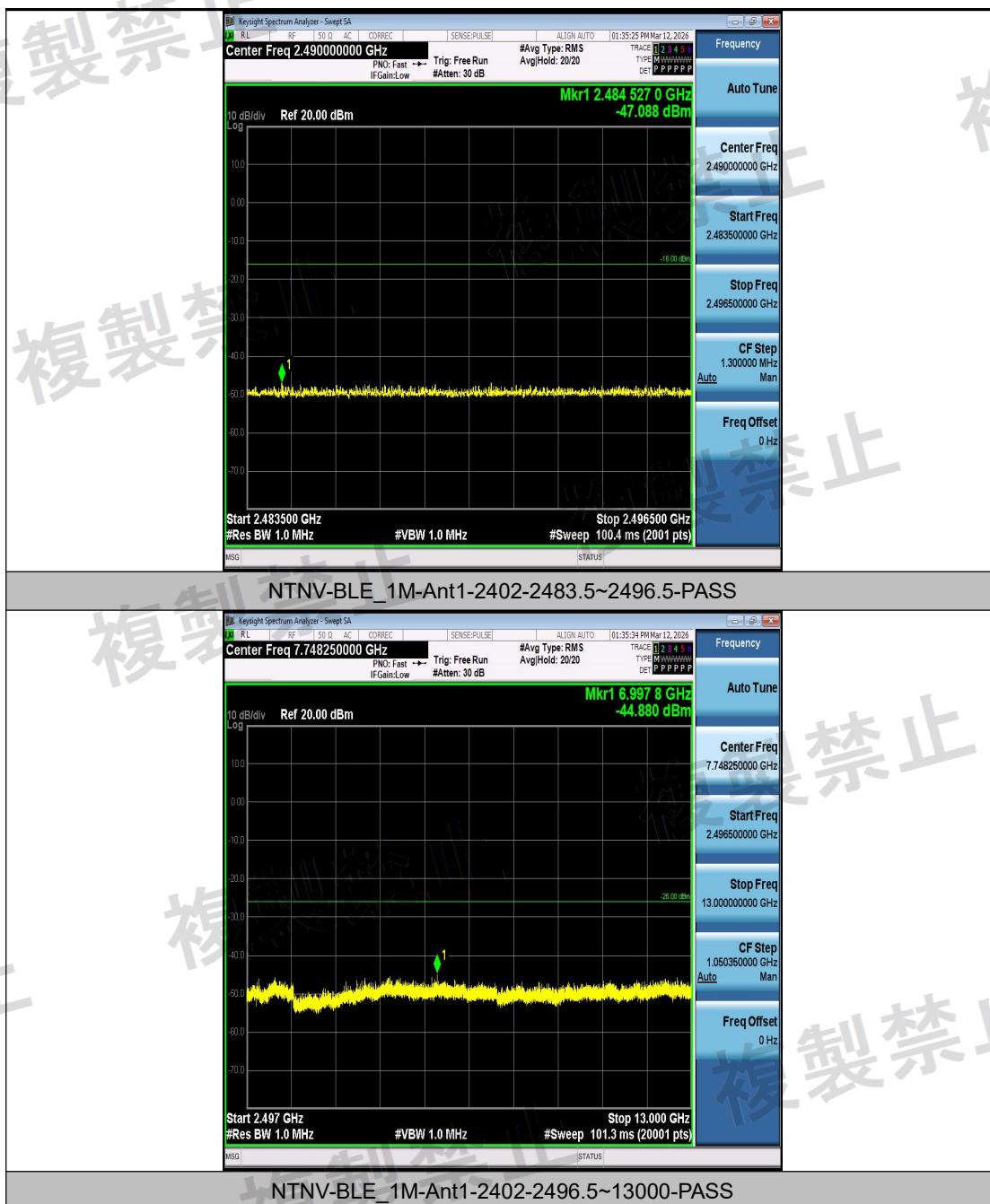
Test Result

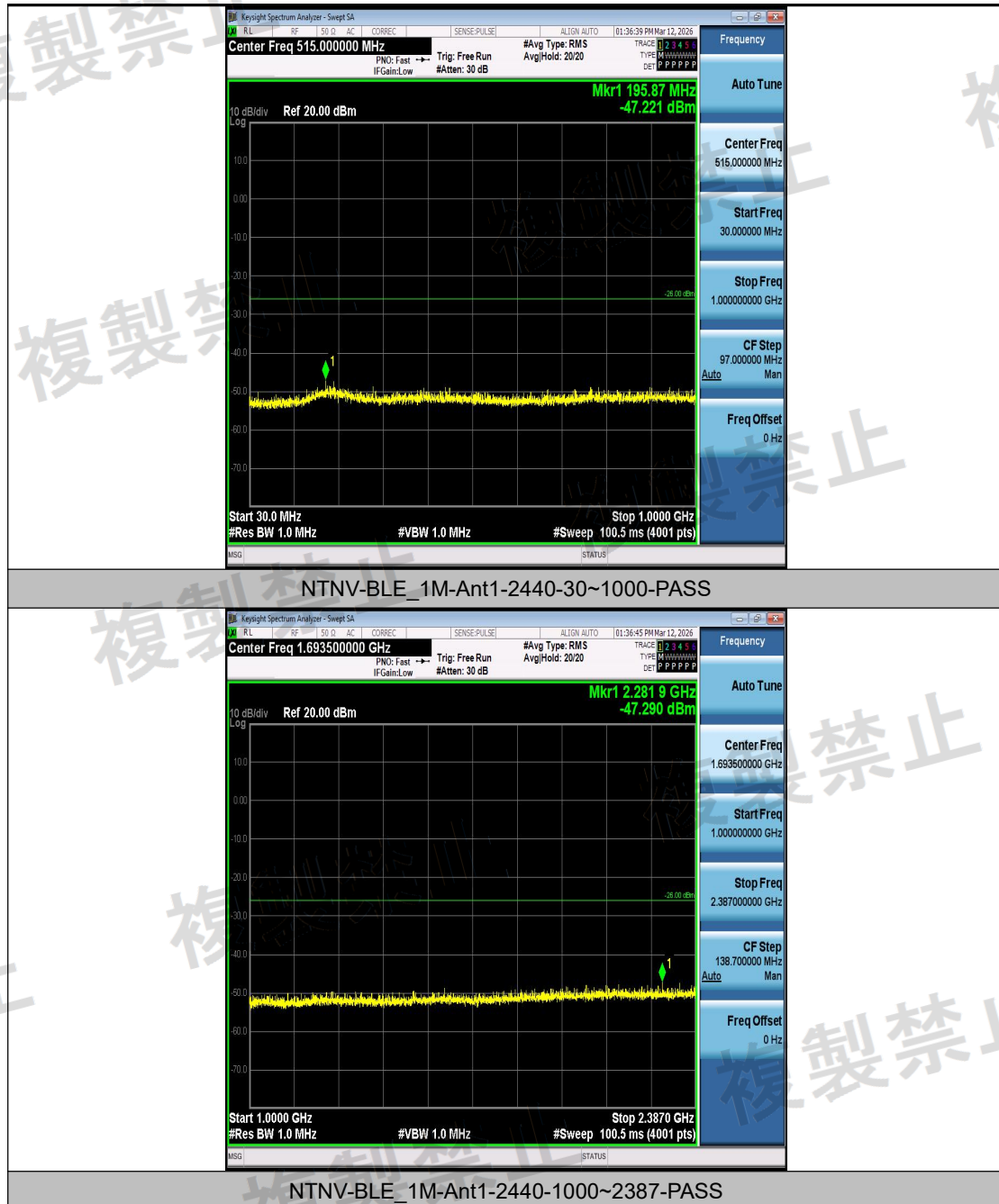
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	450.25	-48.35	≤-26	0.01462	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2382.49	-45.49	≤-26	0.02825	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-34.01	≤-16	0.39719	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2484.53	-47.09	≤-16	0.01954	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	6997.77	-44.88	≤-26	0.03251	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	195.87	-47.22	≤-26	0.01897	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2281.93	-47.29	≤-26	0.01866	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2390.39	-46.94	≤-16	0.02023	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2486.09	-46.83	≤-16	0.02075	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	6362.31	-45.30	≤-26	0.02951	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	216.24	-48.76	≤-26	0.01330	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2349.55	-47.06	≤-26	0.01968	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2393.21	-47.09	≤-16	0.01954	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2484.30	-41.12	≤-16	0.07727	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6066.11	-45.53	≤-26	0.02799	≤2.5	PASS

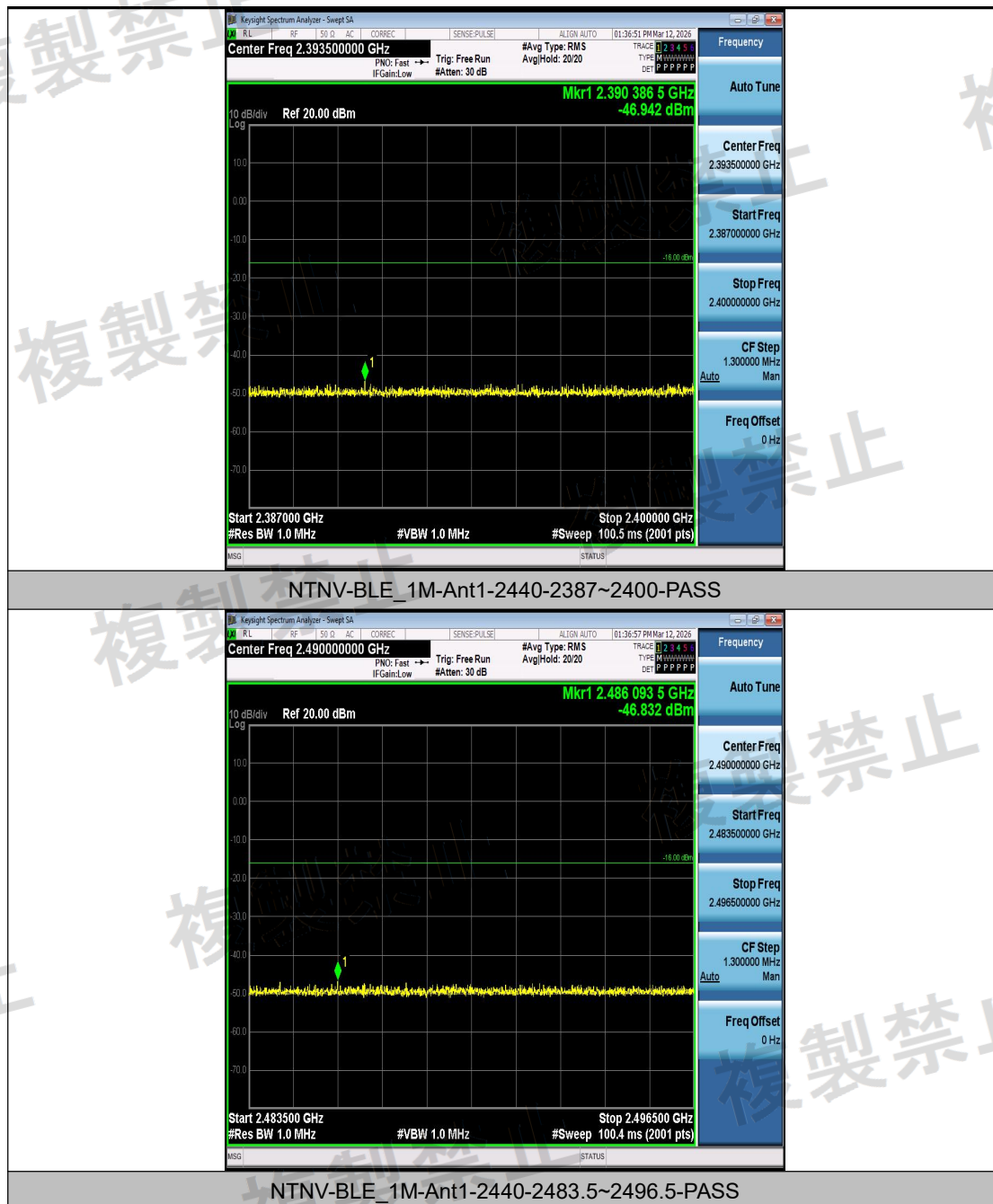
Test Graphs

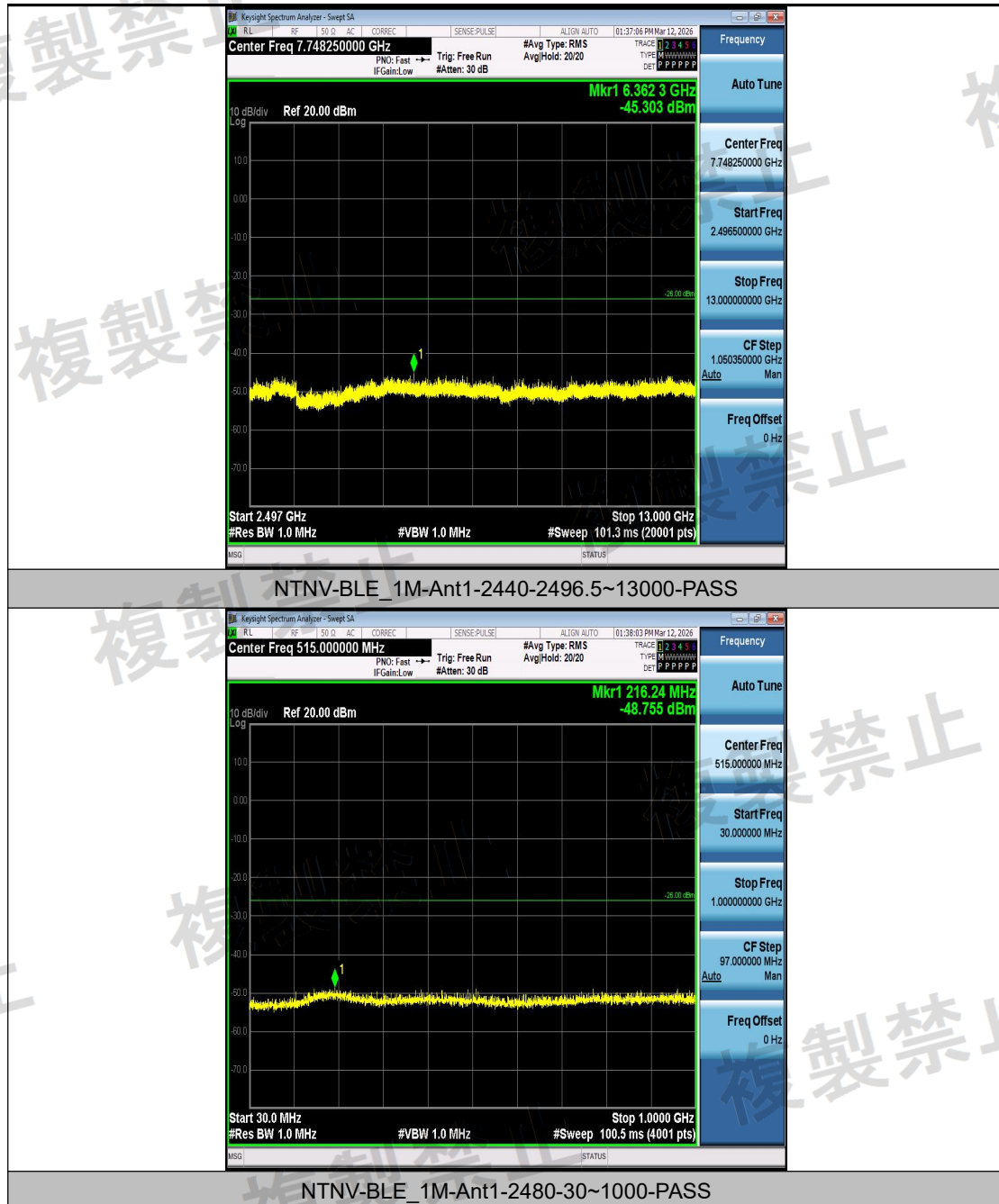


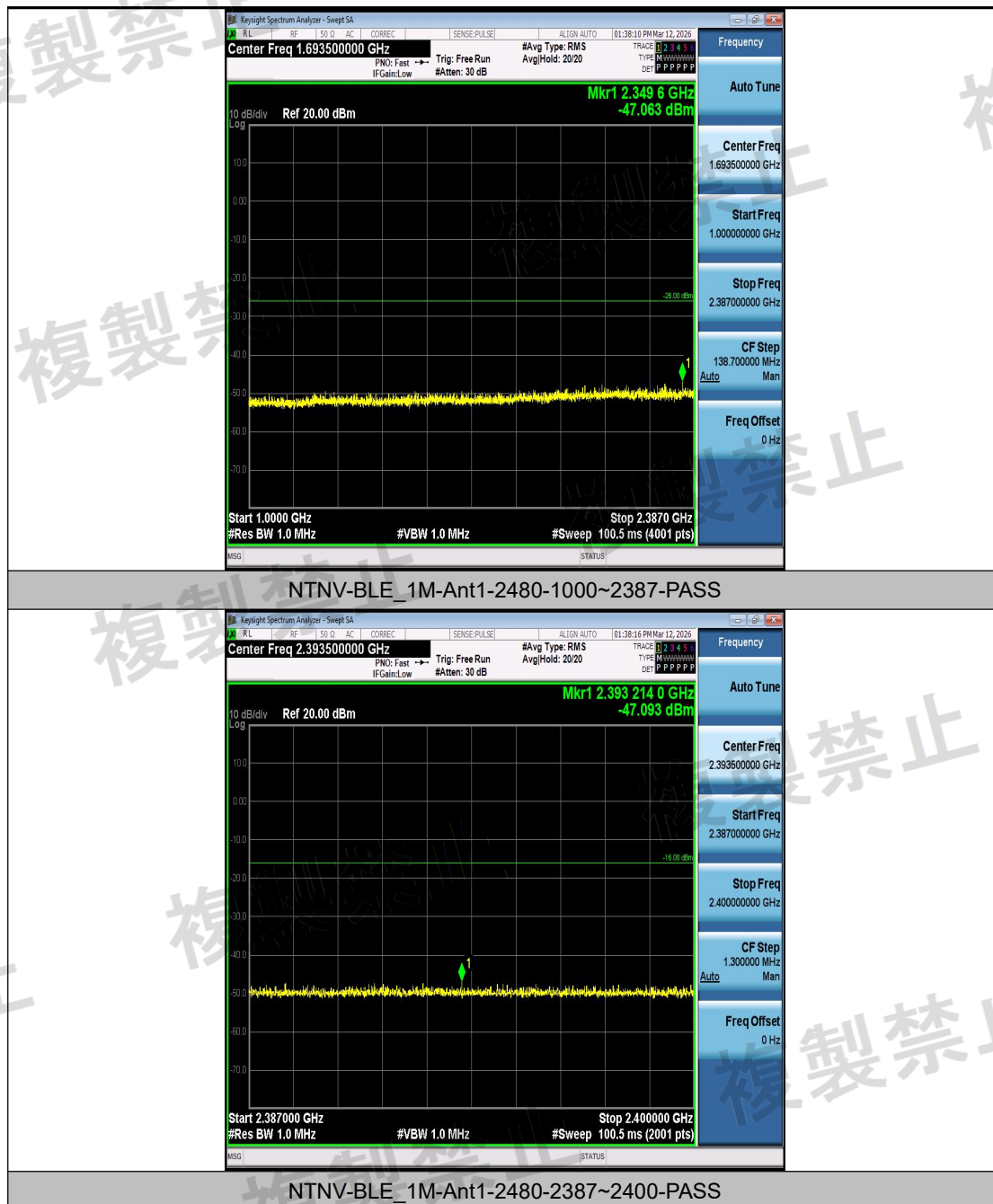


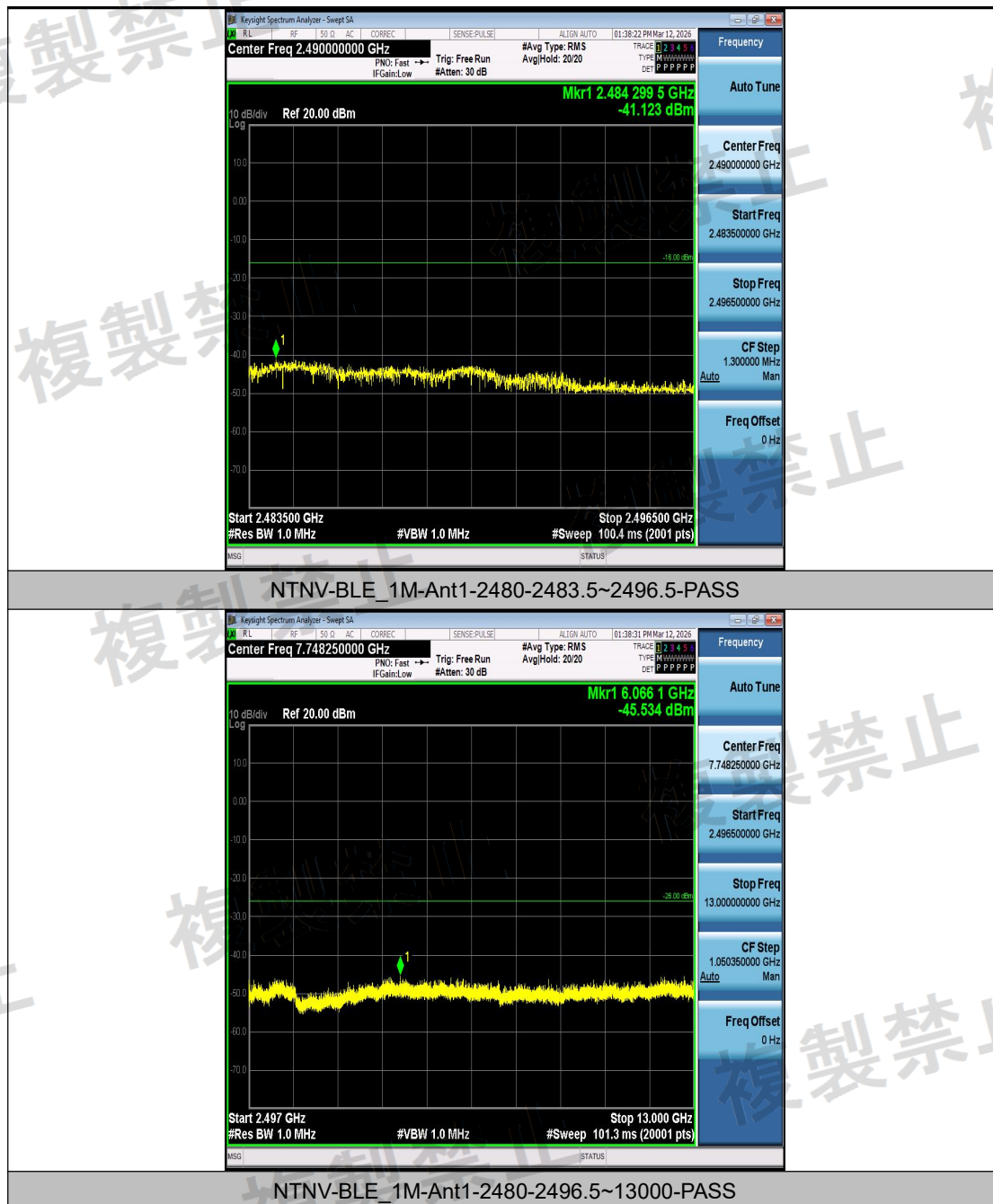










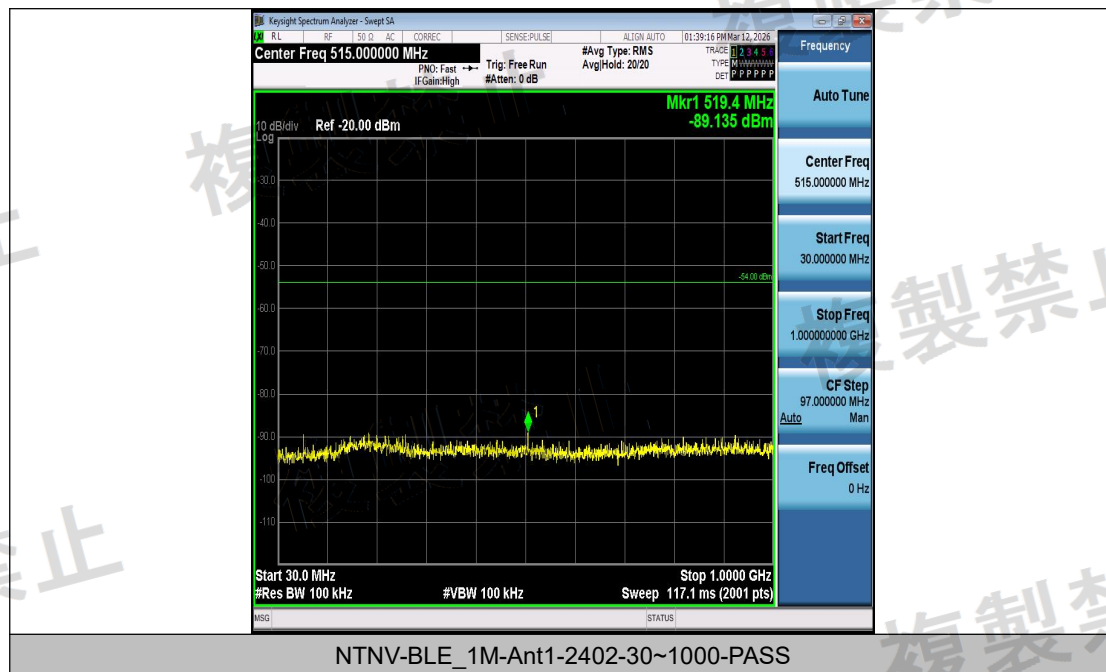


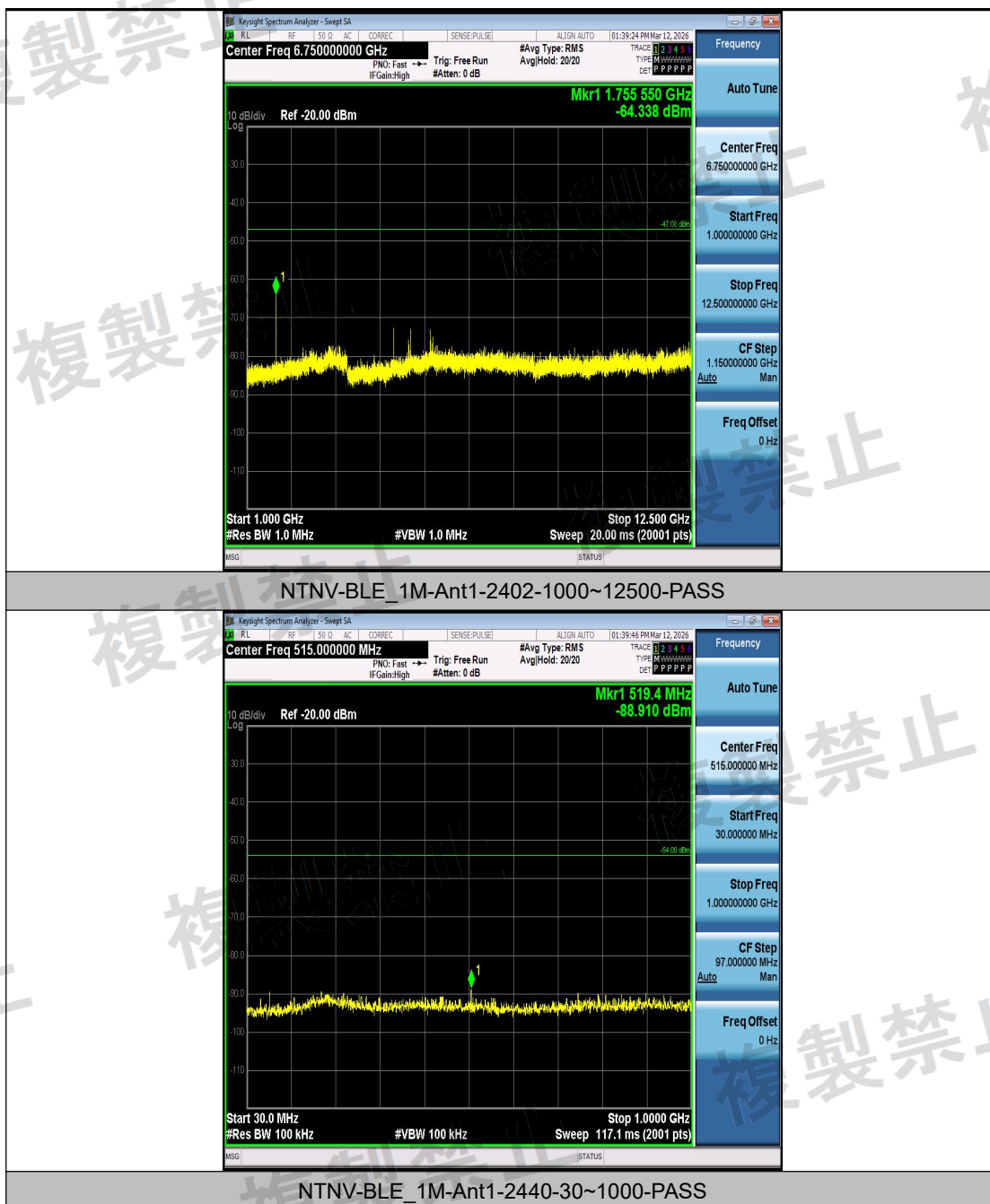
Appendix E: Spurious Emission of RX

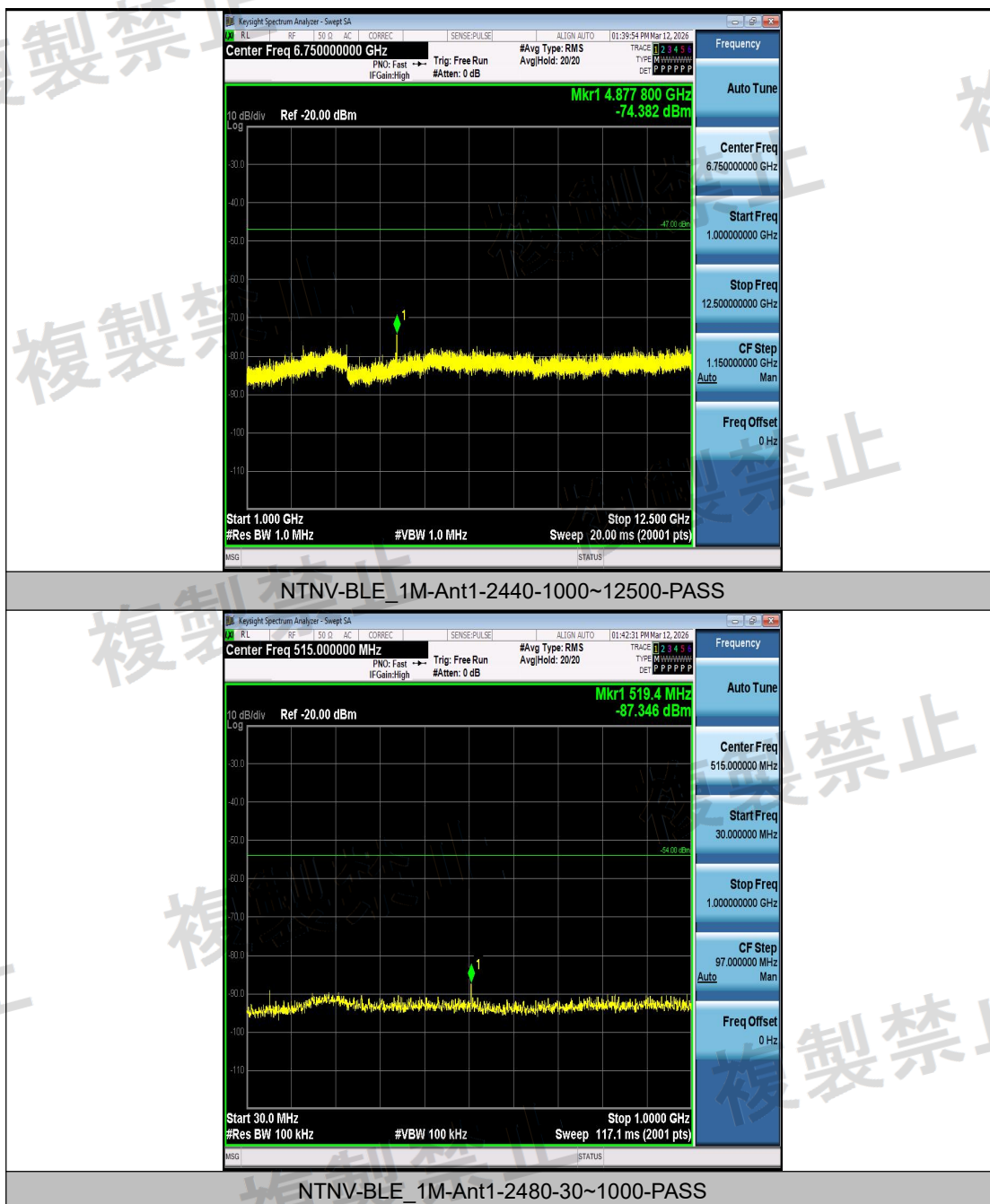
Test Result

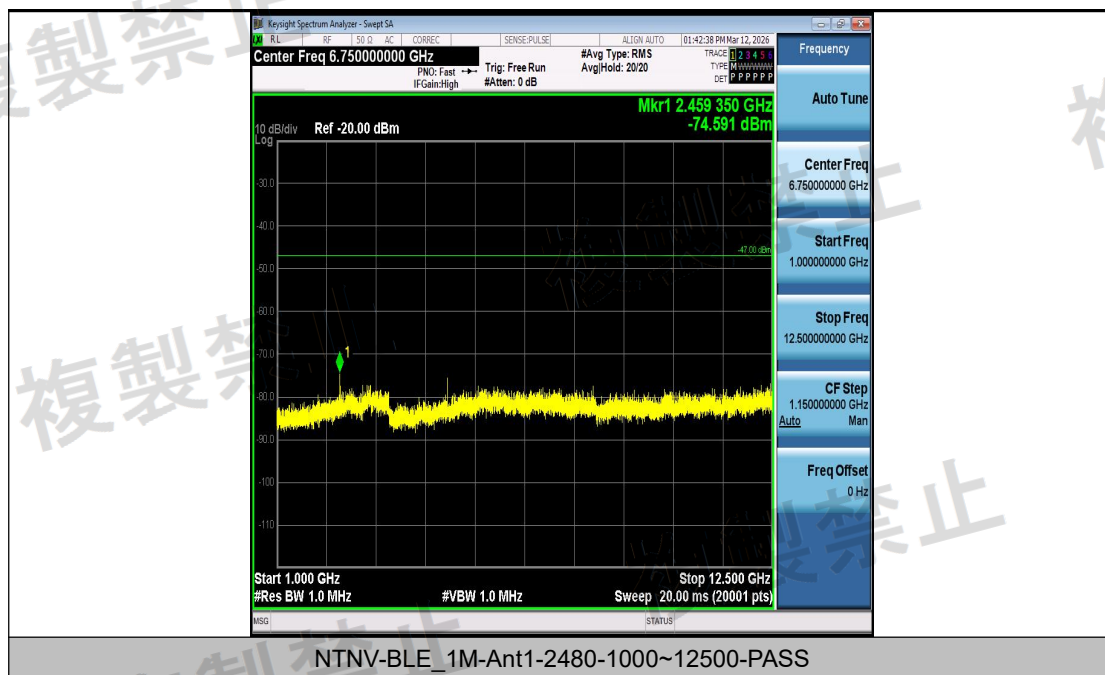
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	519.37	-89.14	≤-54	0.00122	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	1755.55	-64.34	≤-47	0.36813	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	519.37	-88.91	≤-54	0.00129	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	4877.80	-74.38	≤-47	0.03648	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	519.37	-87.35	≤-54	0.00184	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	2459.35	-74.59	≤-47	0.03475	≤20	PASS

Test Graphs









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