

Appendix Test Data

Report No.:	1818C60041212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-16	Finish Test Date:	2026-4-23
Test Engineer:	Huise Guan	Auditor:	Justin Feng
Temperature:	23°C	Relative Humidity:	55%
Pressure:	101kPa		



Appendix A: Frequency Error

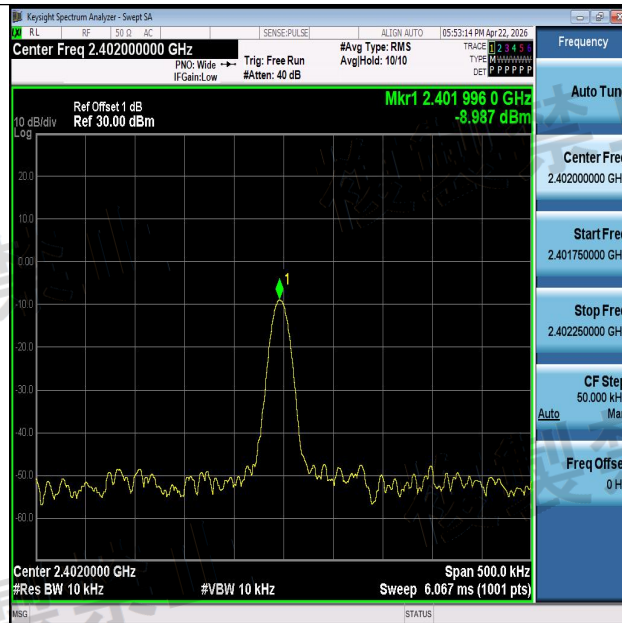
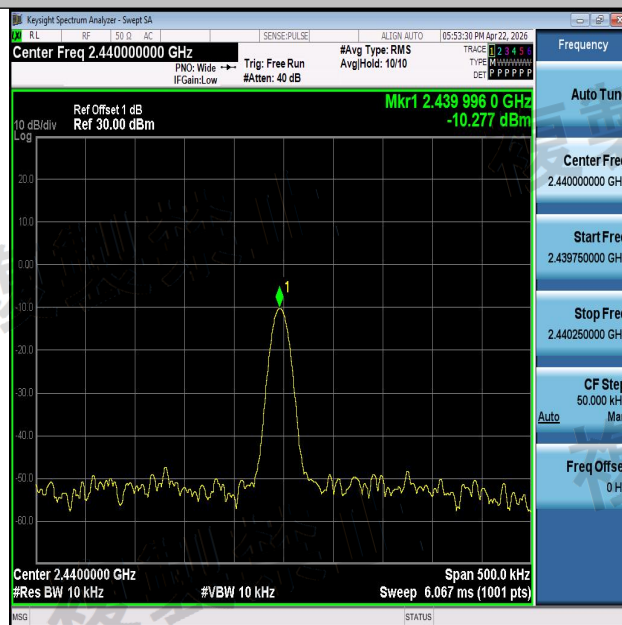
Test Result

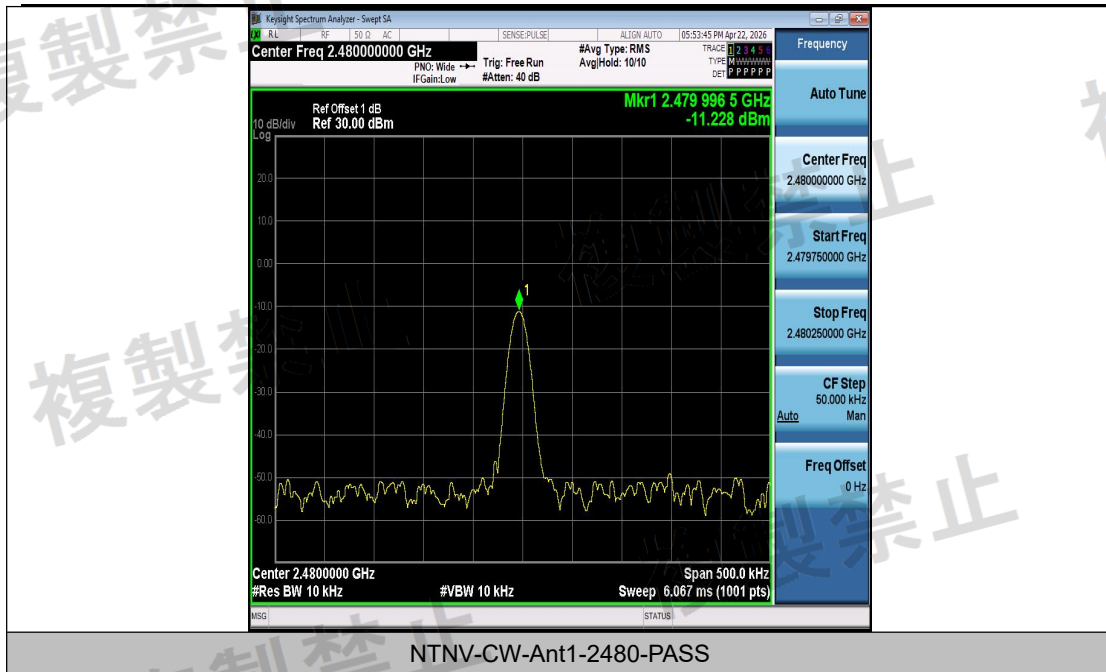
Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.996	-1.66528	±50	PASS
NTNV	CW	Ant1	2440	2439.996	-1.63934	±50	PASS
NTNV	CW	Ant1	2480	2479.9965	-1.41129	±50	PASS

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



Test Graphs





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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	-6.840	0.2070	≤10	PASS
NTNV	BLE_1M	Ant1	2440	-7.974	0.1594	≤10	PASS
NTNV	BLE_1M	Ant1	2480	-8.836	0.1307	≤10	PASS

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

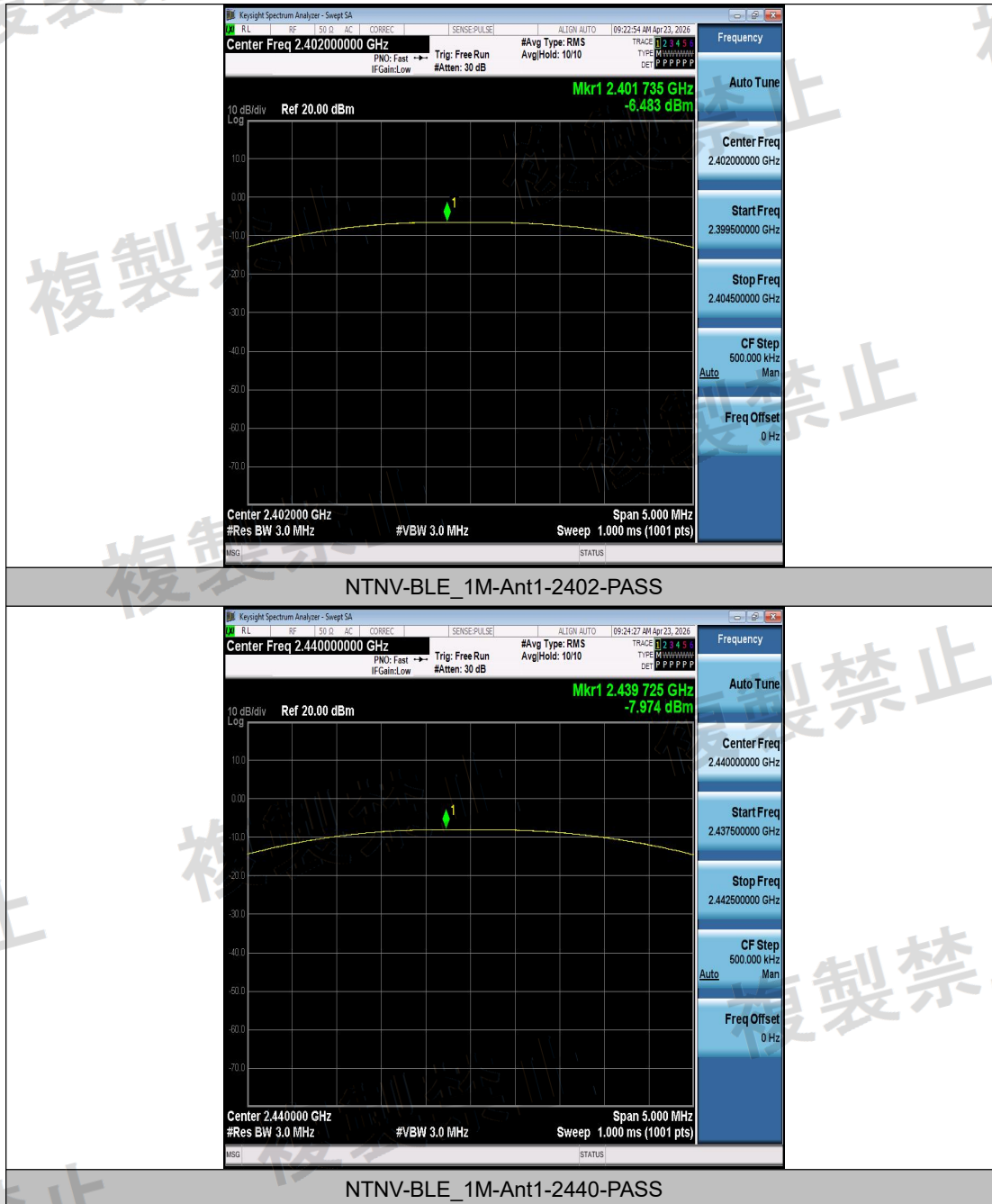
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	0.2070	0.5	-58.60	+20	PASS
NTNV	BLE_1M	Ant1	2440	0.1594	0.5	-68.12	+20	PASS
NTNV	BLE_1M	Ant1	2480	0.1307	0.5	-73.86	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	-6.840	0.5	-6.340	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	-7.974	0.5	-7.474	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	-8.836	0.5	-8.336	≤12.14	PASS

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



Test Graphs

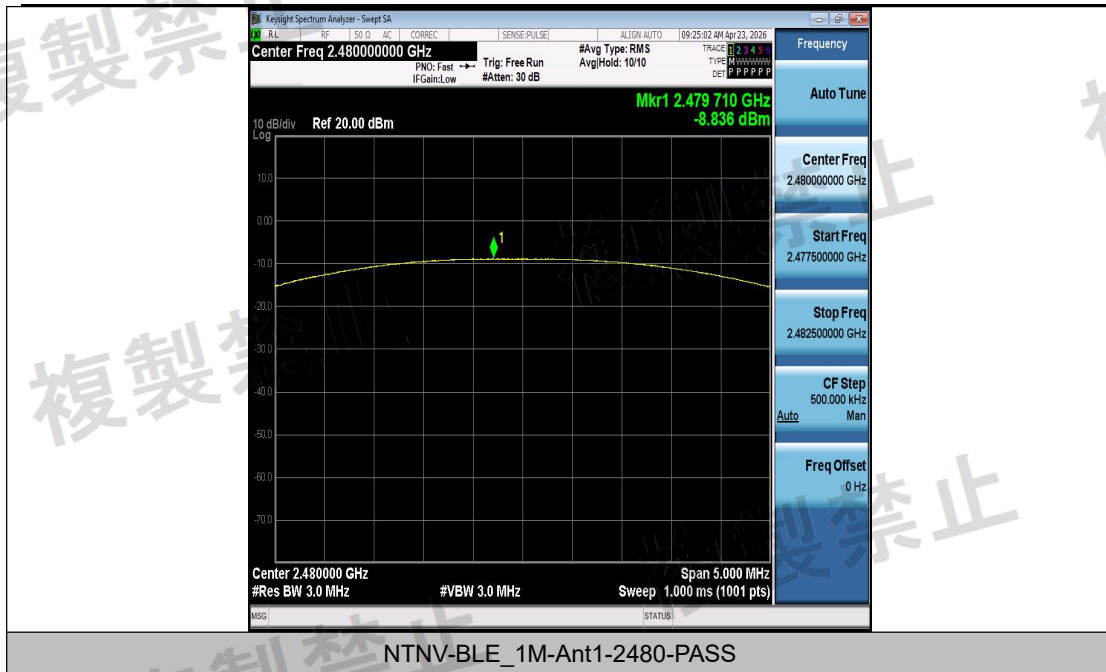


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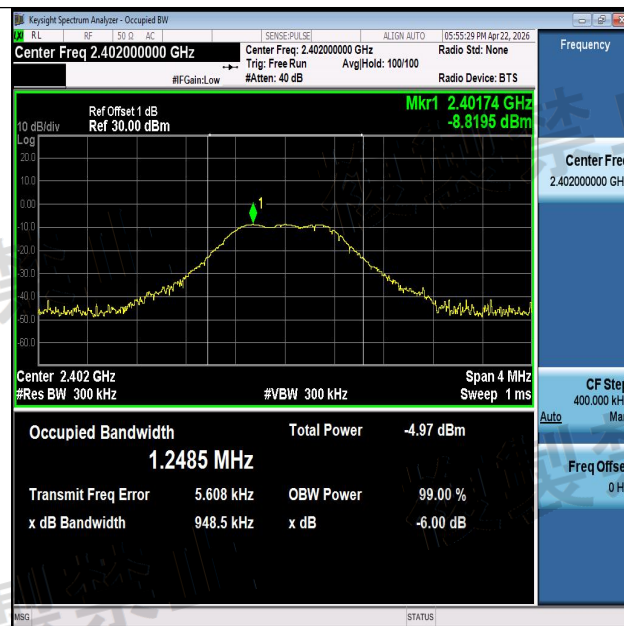
Appendix C: Occupied Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.249	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.275	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.278	≤26	PASS



Test Graphs

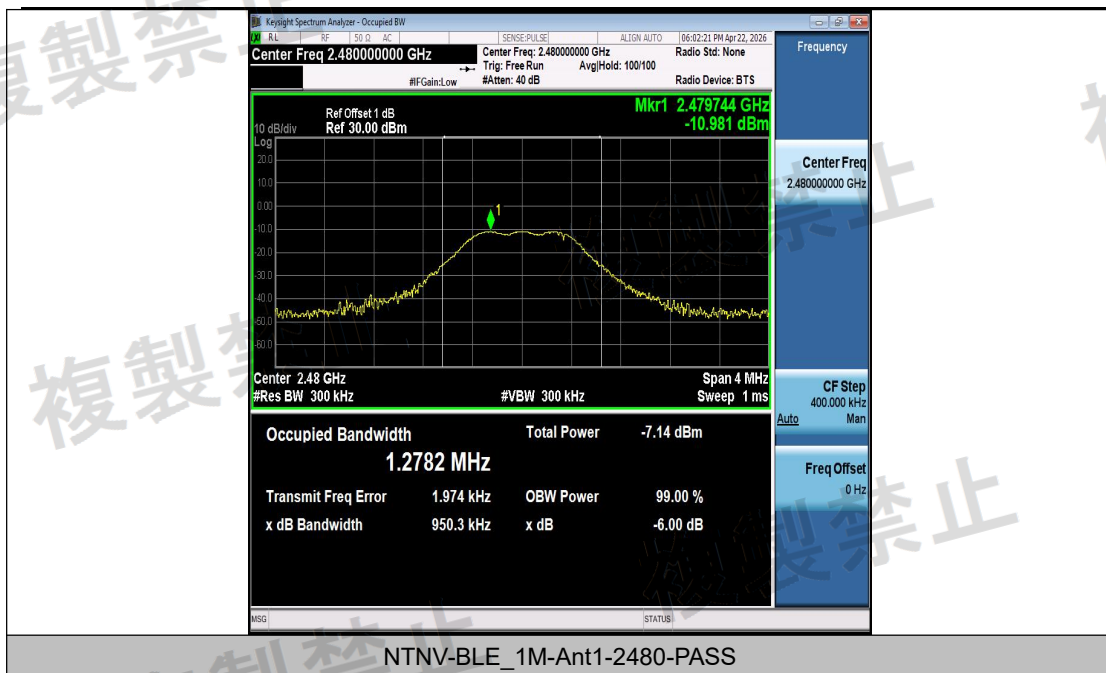


NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS



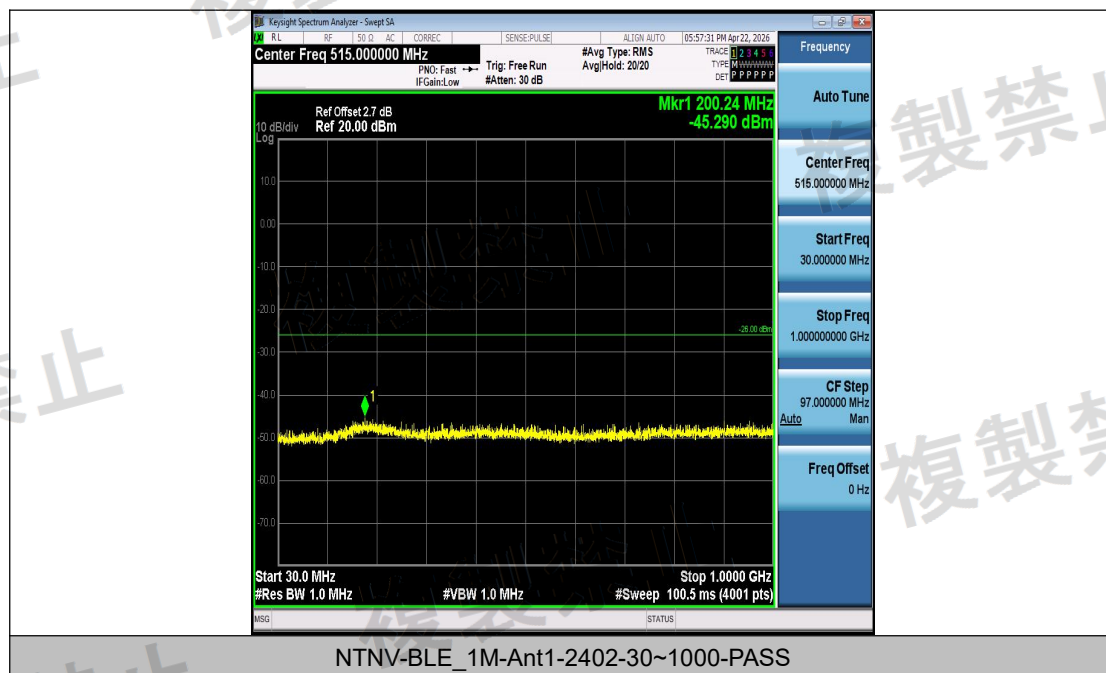


Appendix D: Spurious Emission of TX

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	200.24	-45.29	≤-26	0.02958	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2110.99	-44.60	≤-26	0.03467	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2399.98	-34.30	≤-16	0.37154	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2490.10	-43.78	≤-16	0.04188	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	5224.78	-39.00	≤-26	0.12589	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	194.66	-45.27	≤-26	0.02972	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2211.89	-45.04	≤-26	0.03133	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2395.48	-44.73	≤-16	0.03365	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2491.74	-43.89	≤-16	0.04083	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	7320.23	-40.85	≤-26	0.08222	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	243.40	-45.76	≤-26	0.02655	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	1746.21	-36.52	≤-26	0.22284	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2389.00	-43.60	≤-16	0.04365	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.52	-42.35	≤-16	0.05821	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	7439.45	-37.60	≤-26	0.17378	≤2.5	PASS

Test Graphs



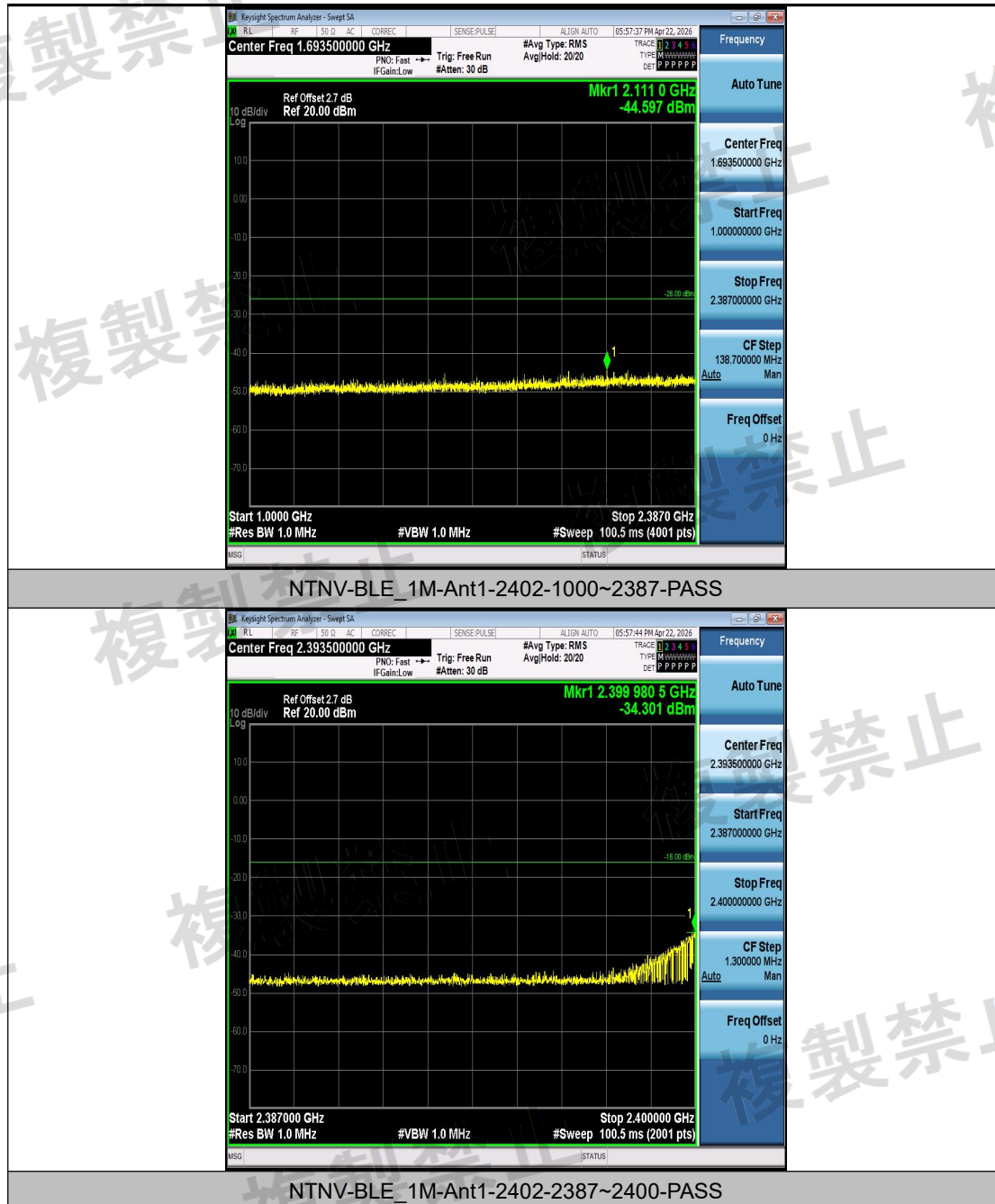
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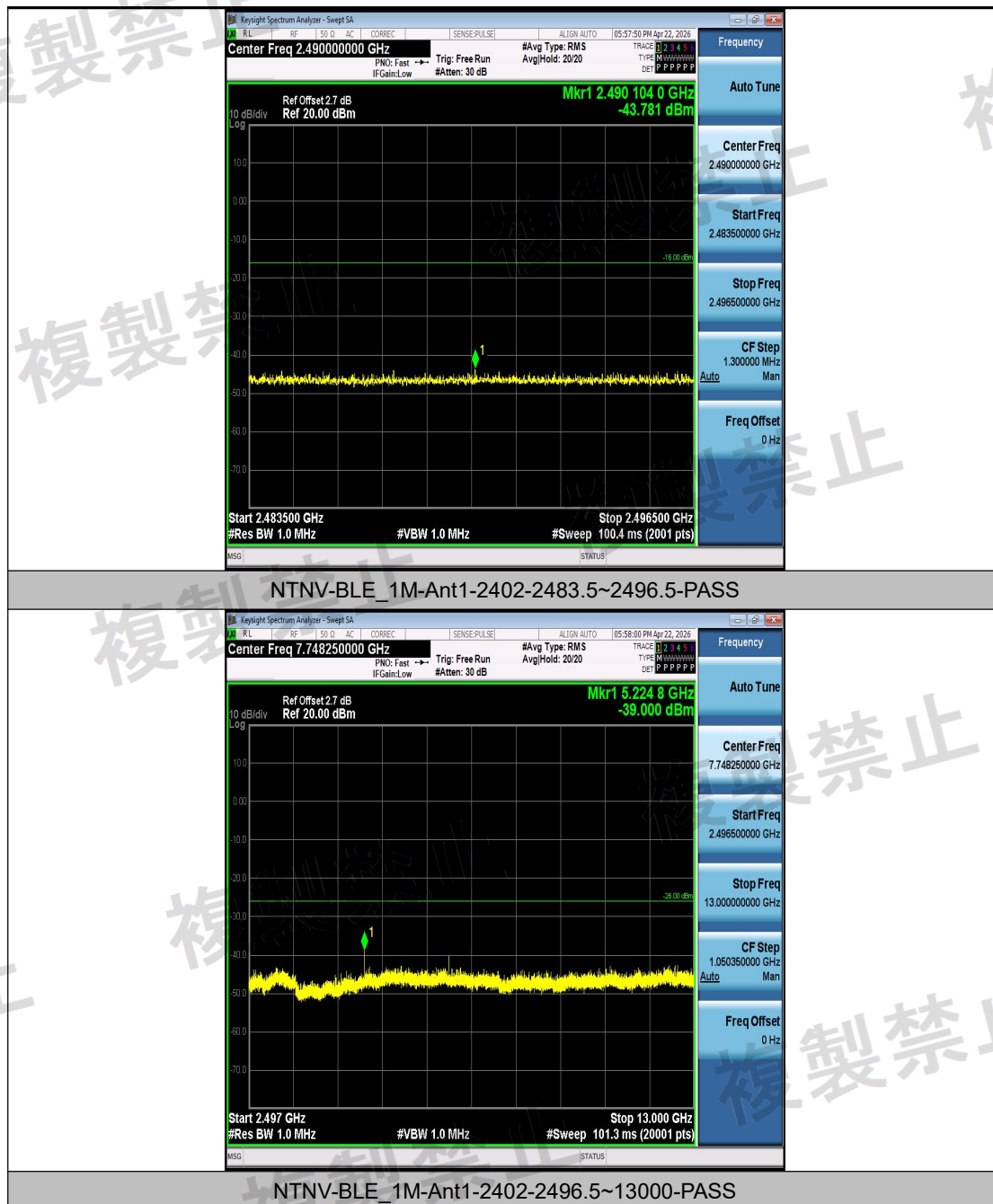
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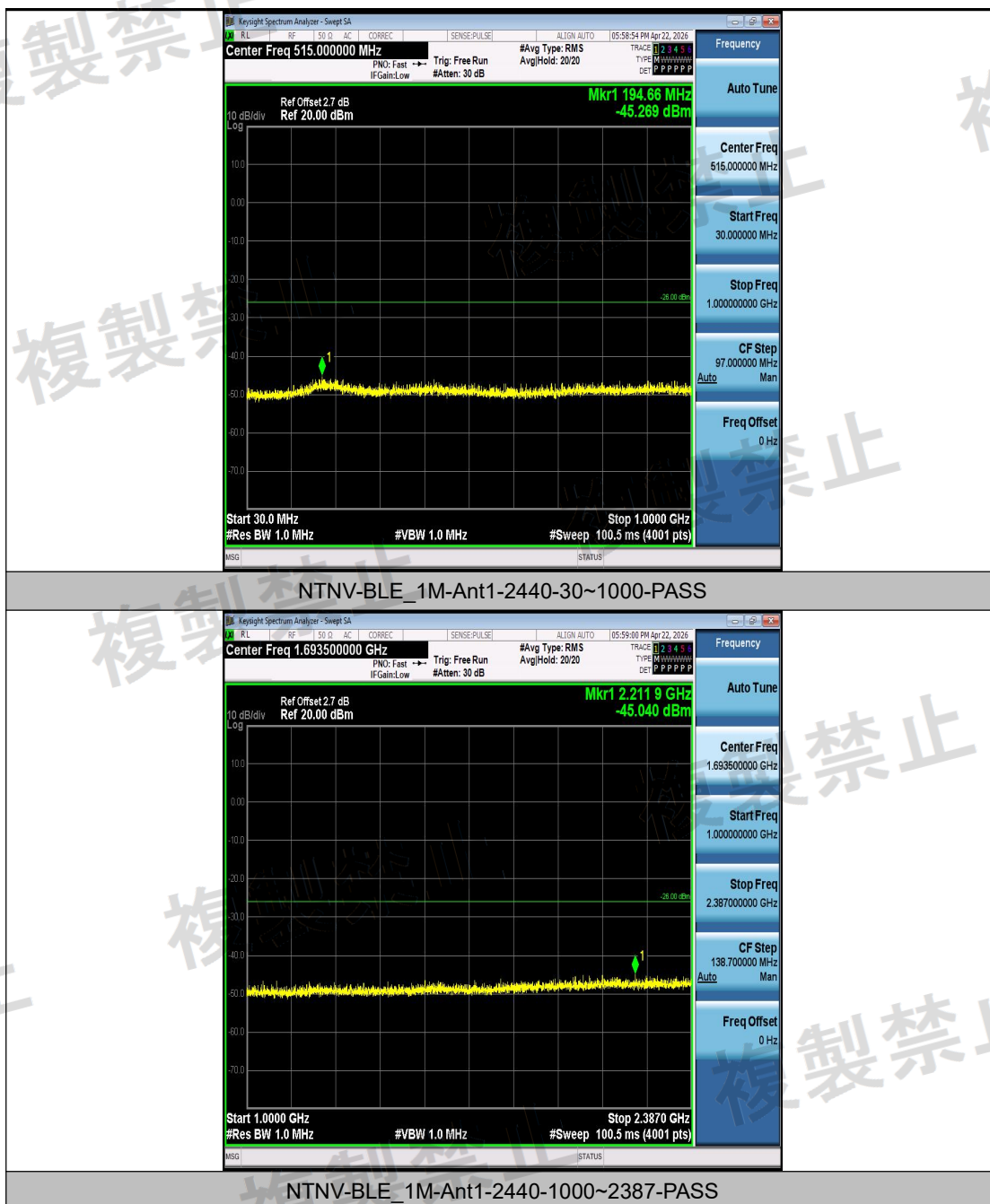


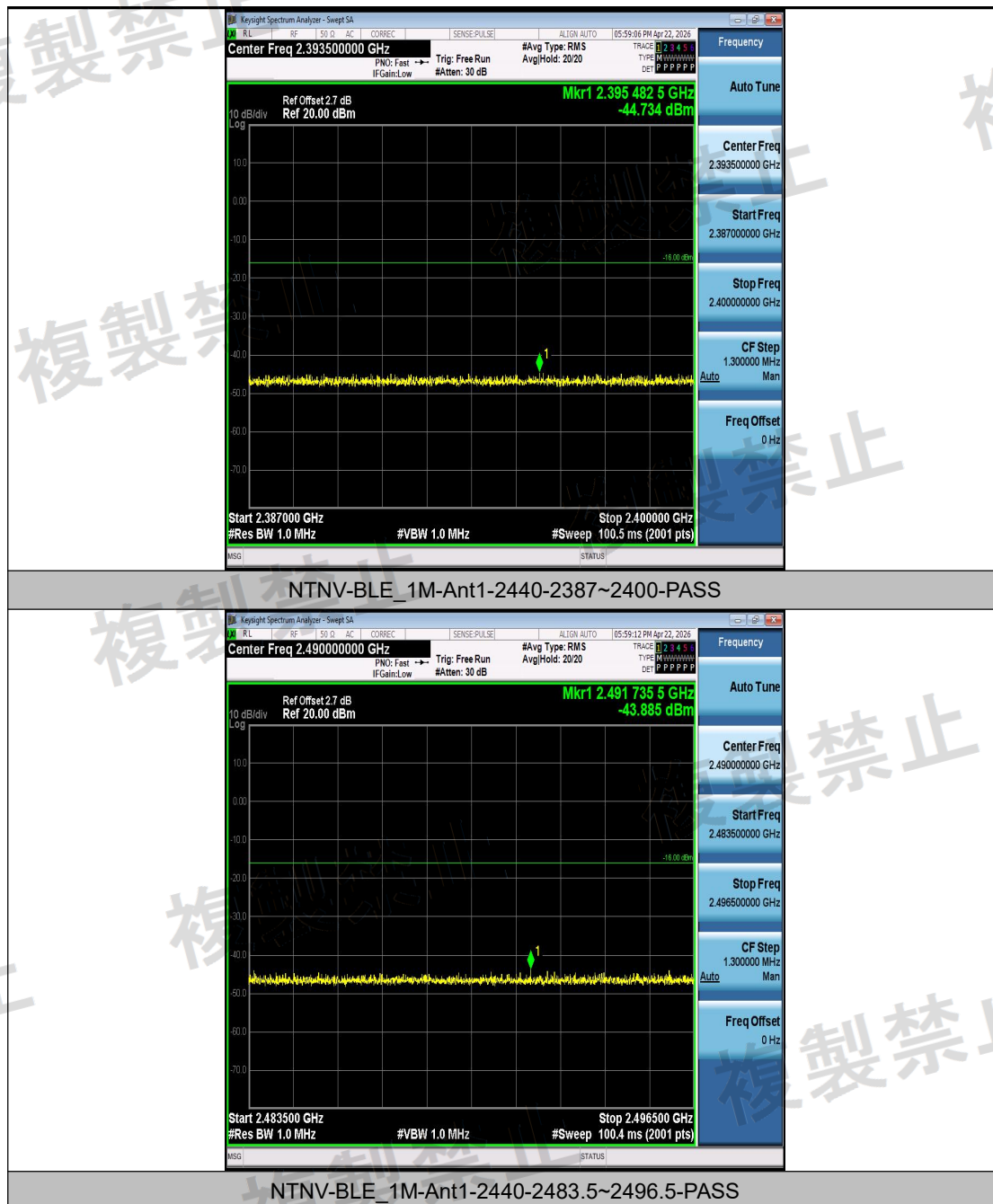
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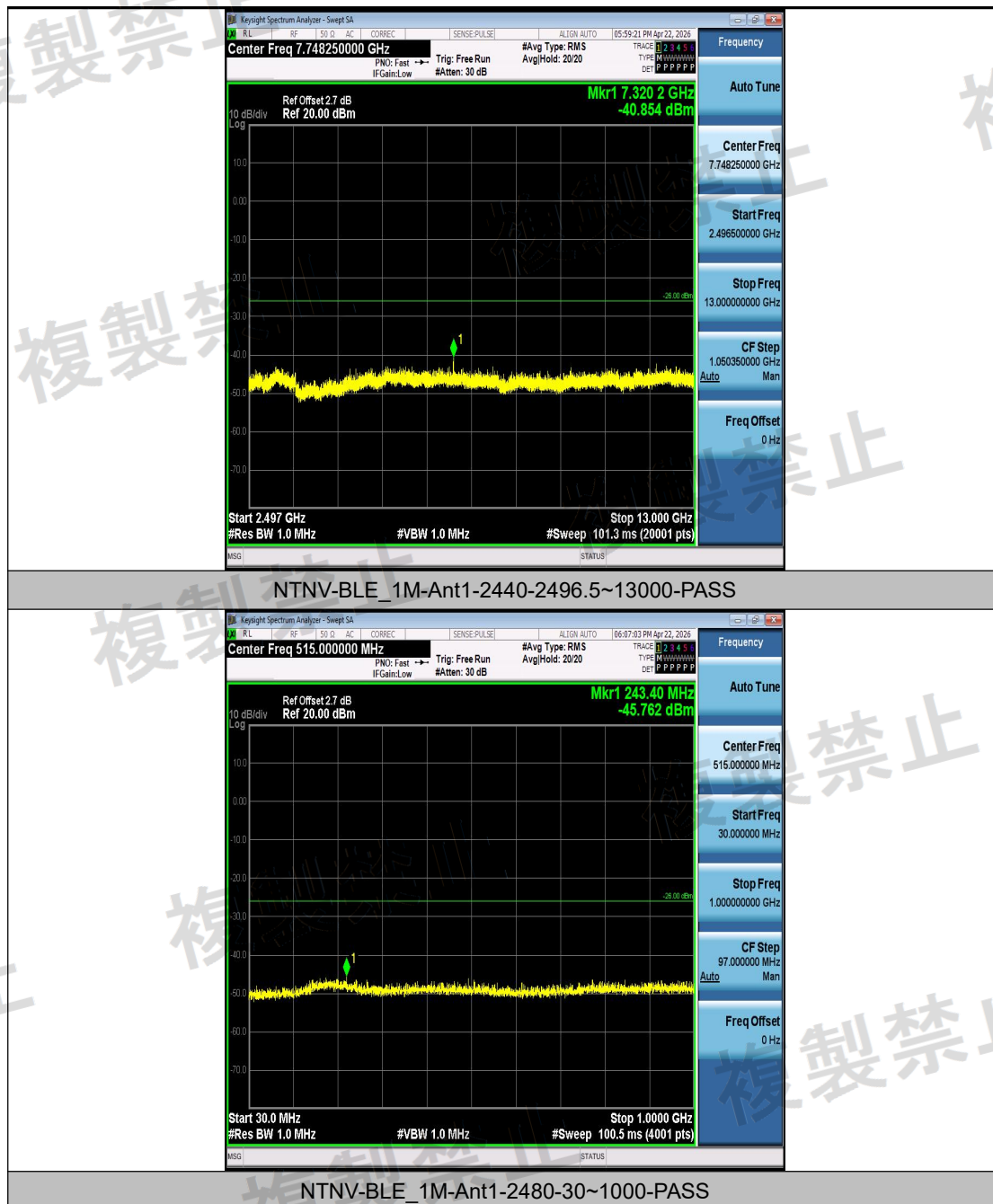


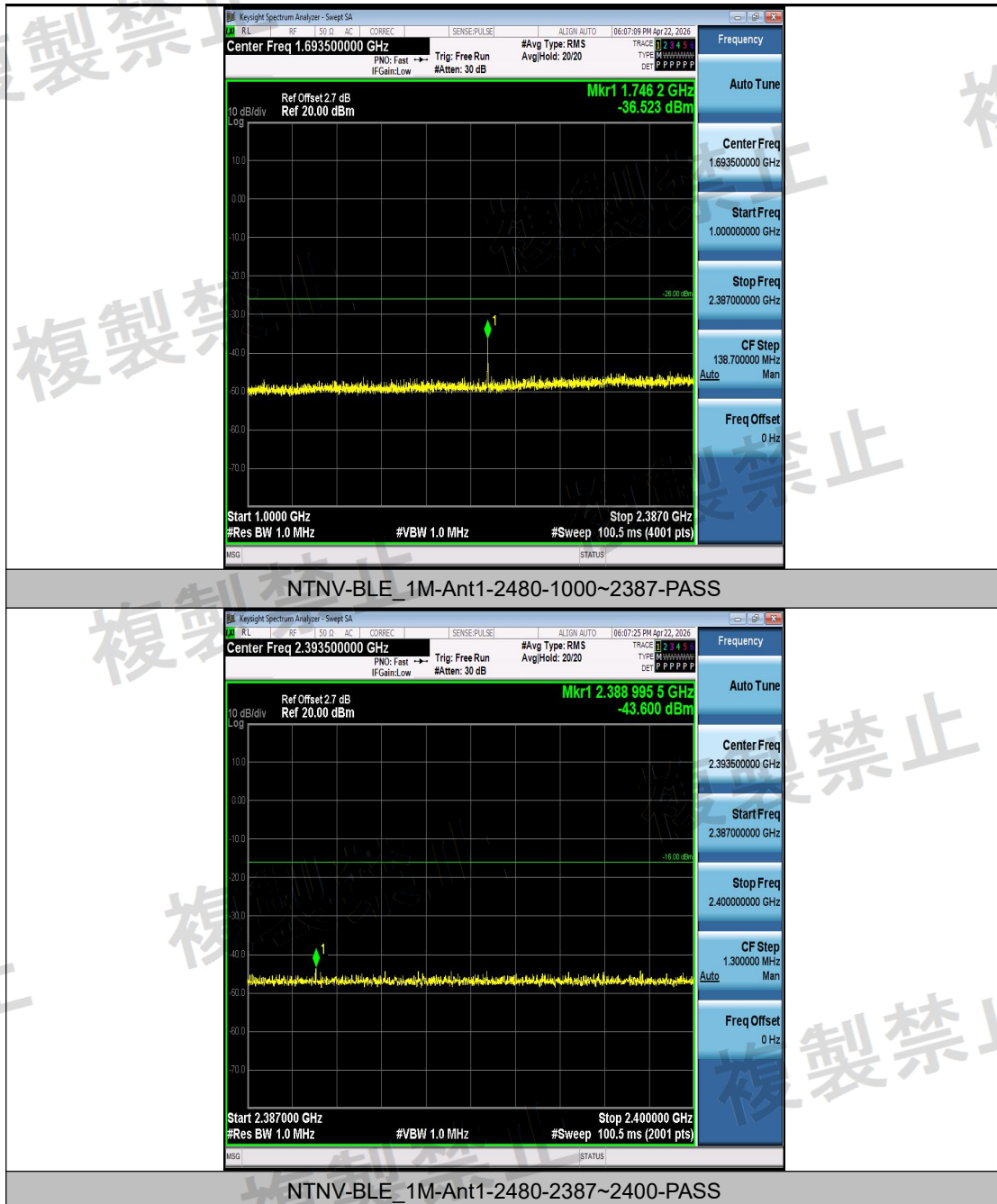


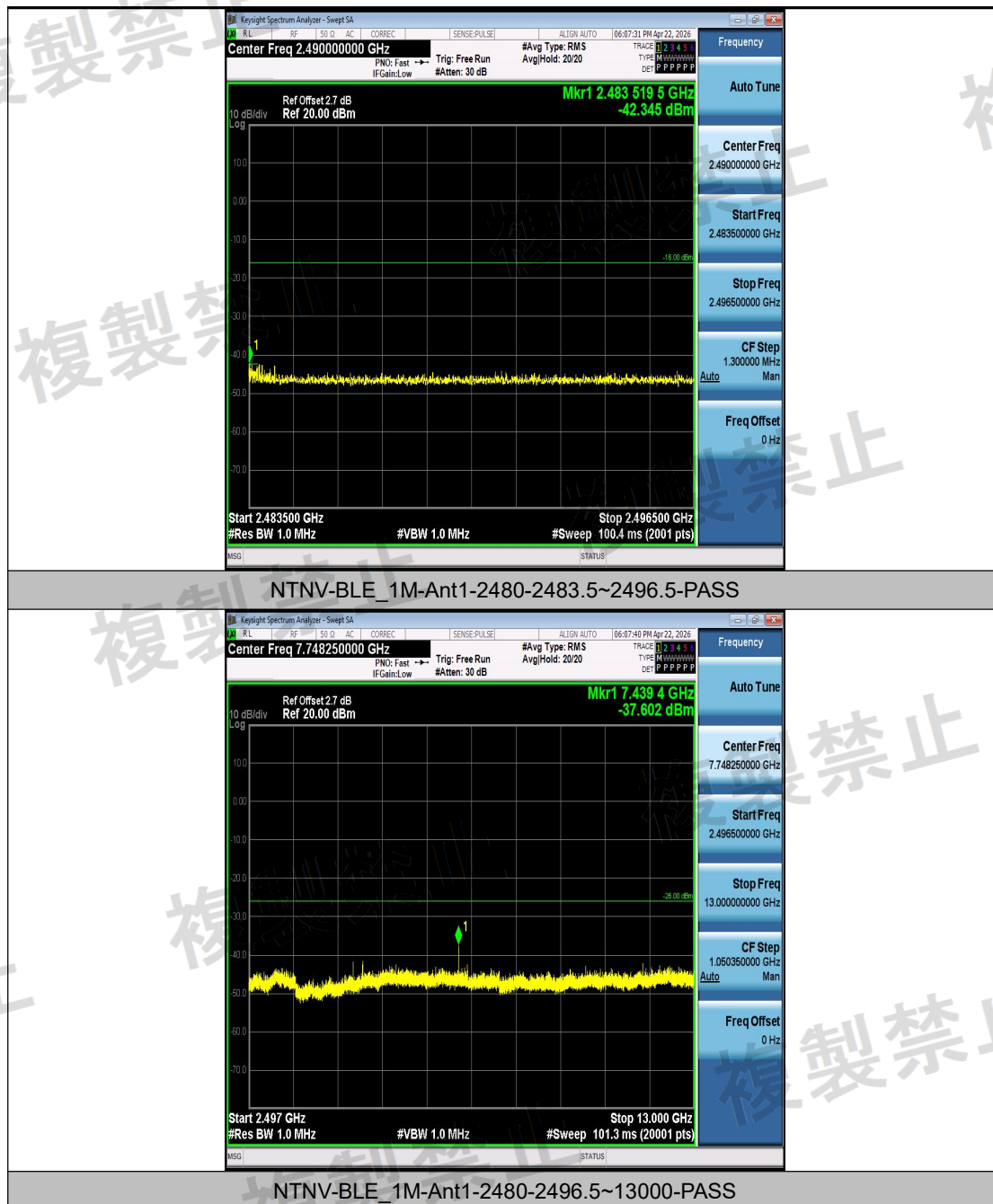










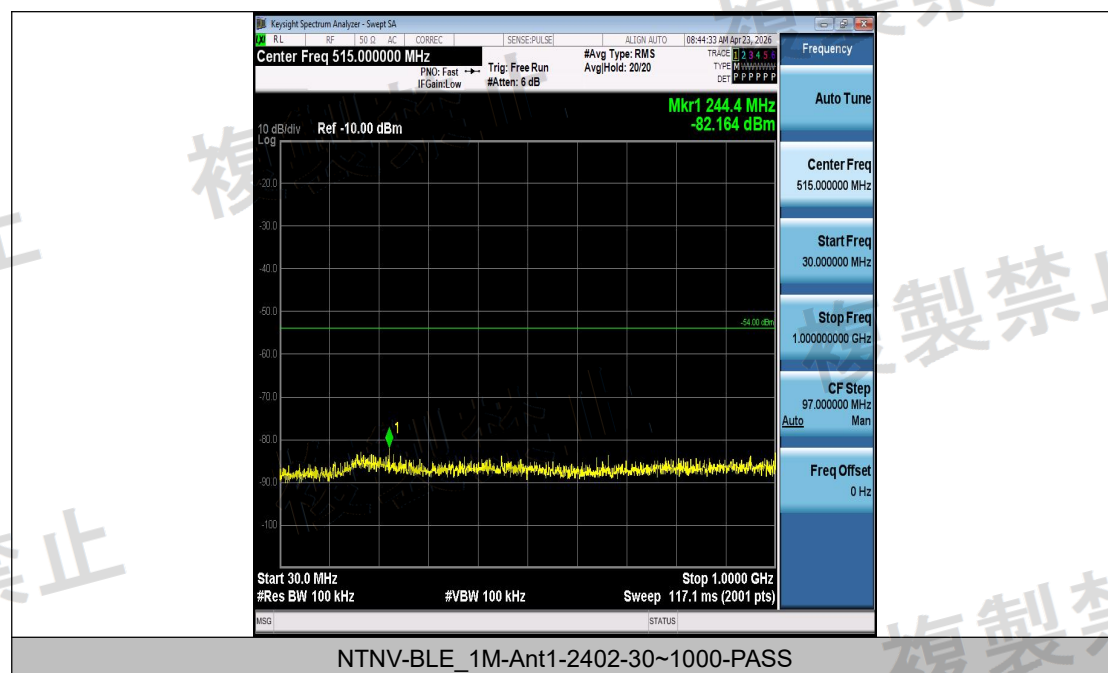


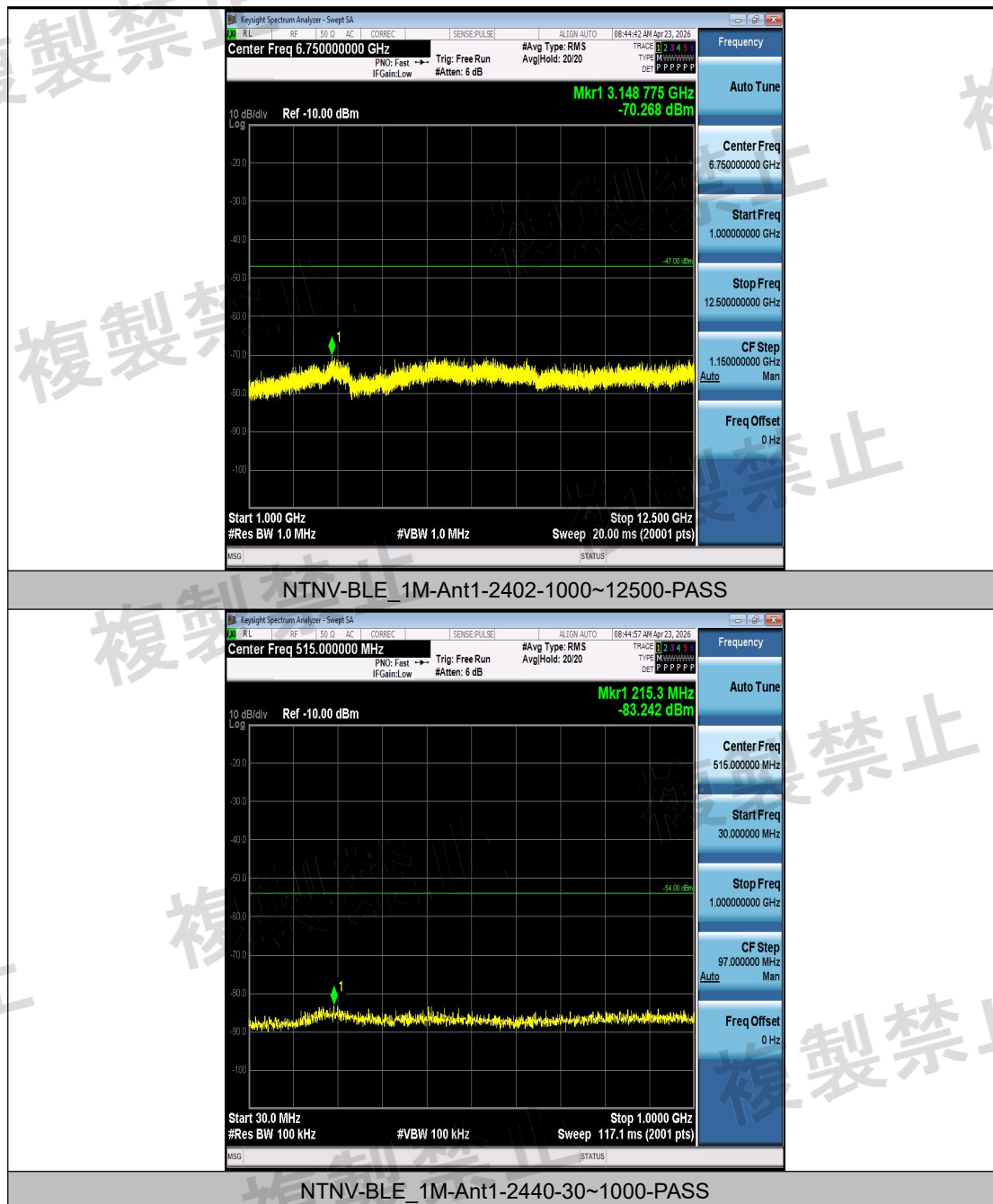
Appendix E: Spurious Emission of RX

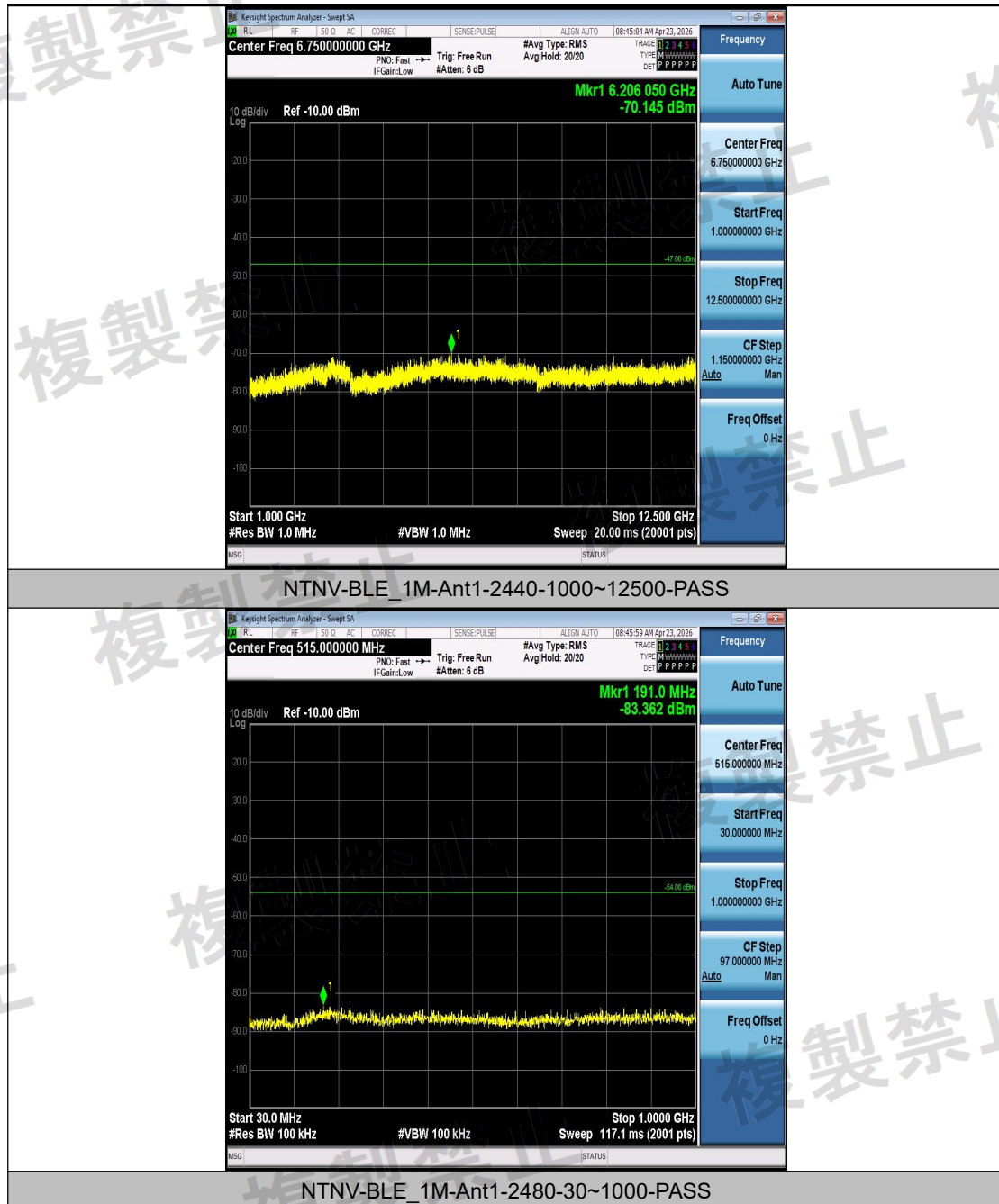
Test Result

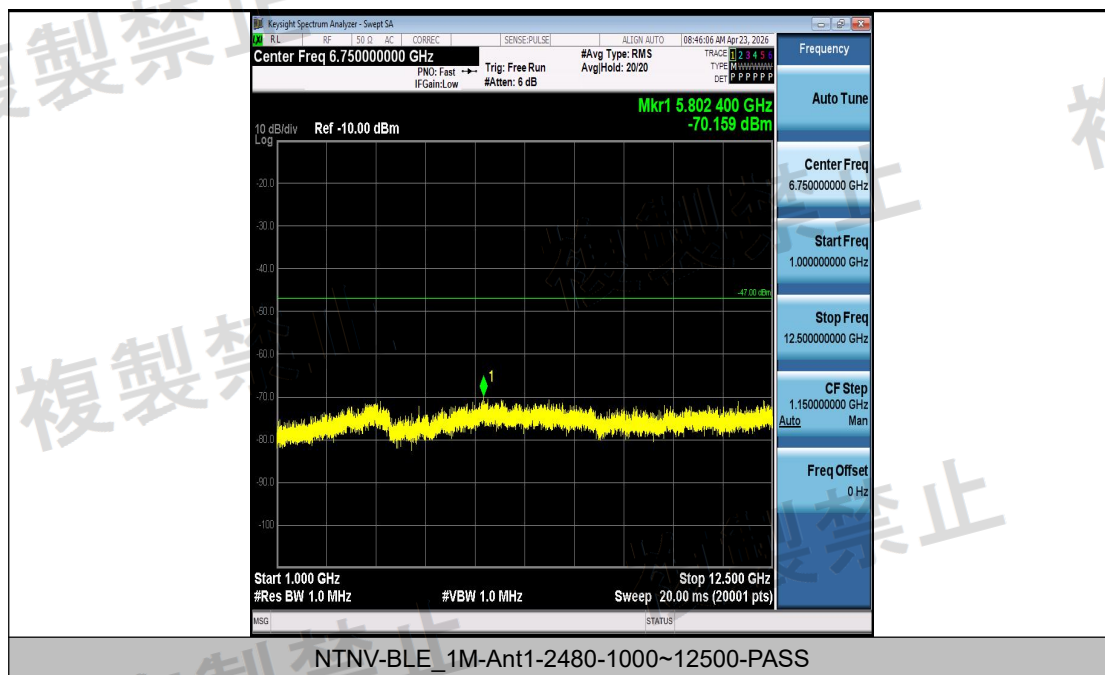
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	244.37	-82.16	≤-54	0.00608	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	3148.78	-70.27	≤-47	0.09397	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	215.27	-83.24	≤-54	0.00474	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6206.05	-70.15	≤-47	0.09661	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	191.02	-83.36	≤-54	0.00461	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	5802.40	-70.16	≤-47	0.09638	≤20	PASS

Test Graphs









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