

Appendix Test Data

Report No.:	1811C60222812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-4	Finish Test Date:	2026-6-4
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	24.8℃	Relative Humidity:	51%
Pressure:	101kPa		

Appendix A: Frequency Error

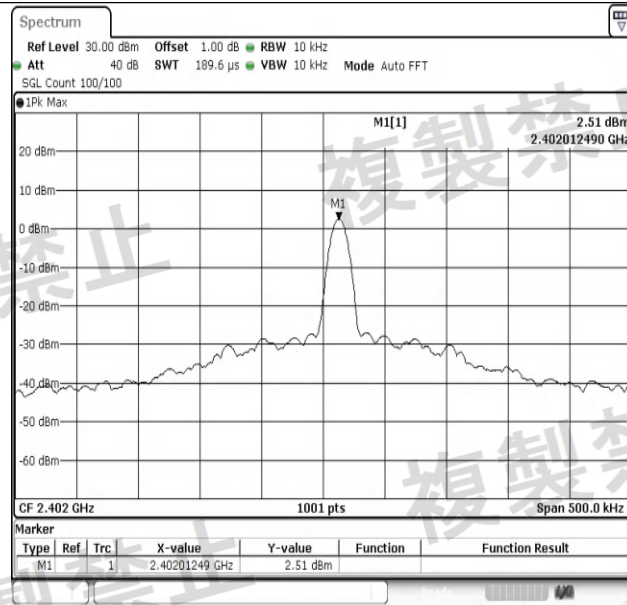
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.01249	5.19983	±50	PASS
NTNV	CW	Ant1	2440	2440.01349	5.52869	±50	PASS
NTNV	CW	Ant1	2480	2480.01349	5.43952	±50	PASS

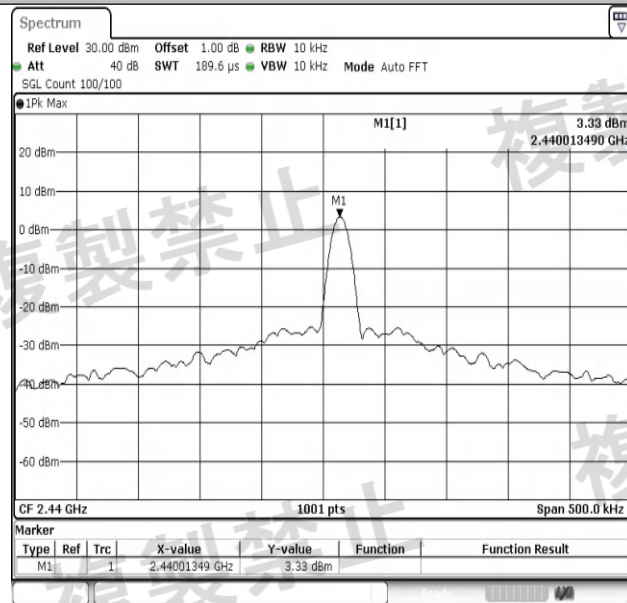
Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs

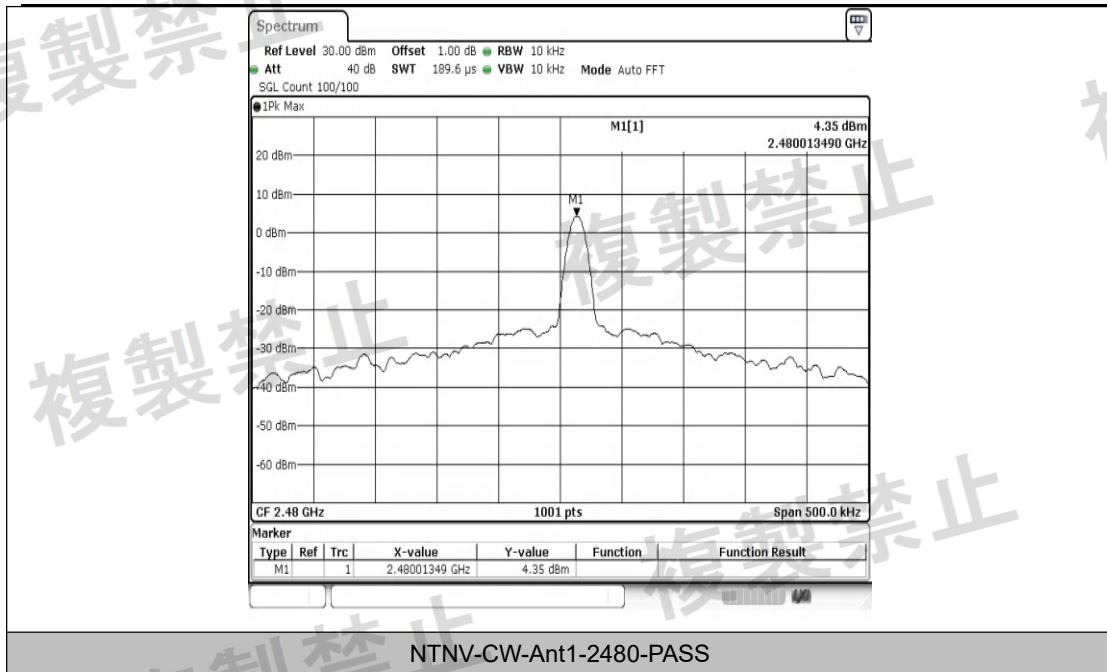


NTNV-CW-Ant1-2402-PASS



NTNV-CW-Ant1-2440-PASS





Appendix B: Antenna Power

Test Result

Test Condition	TestMode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTNV	BLE_1M	Ant1	2402	2.55	1.7988	≤10	PASS
NTNV	BLE_1M	Ant1	2440	3.47	2.2233	≤10	PASS
NTNV	BLE_1M	Ant1	2480	4.36	2.7289	≤10	PASS
NTNV	BLE_2M	Ant1	2402	2.54	1.7947	≤10	PASS
NTNV	BLE_2M	Ant1	2440	3.44	2.2080	≤10	PASS
NTNV	BLE_2M	Ant1	2480	4.35	2.7227	≤10	PASS

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

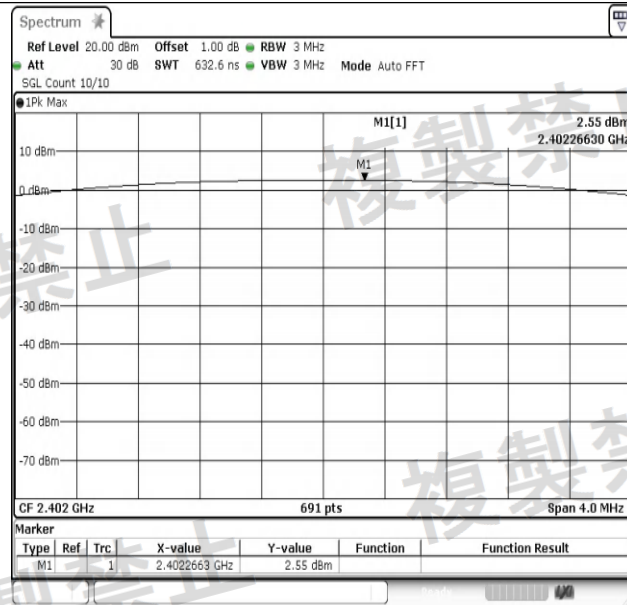
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	1.7988	3	-40.04	+20	PASS
NTNV	BLE_1M	Ant1	2440	2.2233	3	-25.89	+20	PASS
NTNV	BLE_1M	Ant1	2480	2.7289	3	-9.04	+20	PASS
NTNV	BLE_2M	Ant1	2402	1.7947	3	-40.18	+20	PASS
NTNV	BLE_2M	Ant1	2440	2.208	3	-26.40	+20	PASS
NTNV	BLE_2M	Ant1	2480	2.7227	3	-9.24	+20	PASS

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Gain[dBi]	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	2.55	3.77	6.32	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	3.47	3.77	7.24	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	4.36	3.77	8.13	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	2.54	3.77	6.31	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	3.44	3.77	7.21	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	4.35	3.77	8.12	≤12.14	PASS

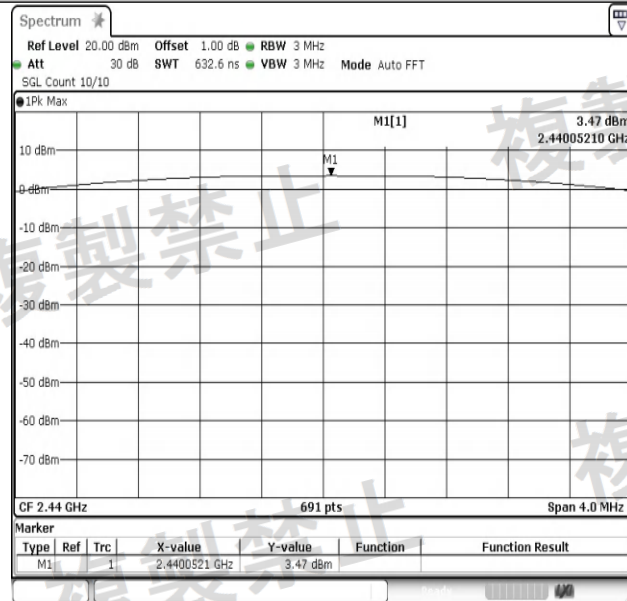
Note: EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs

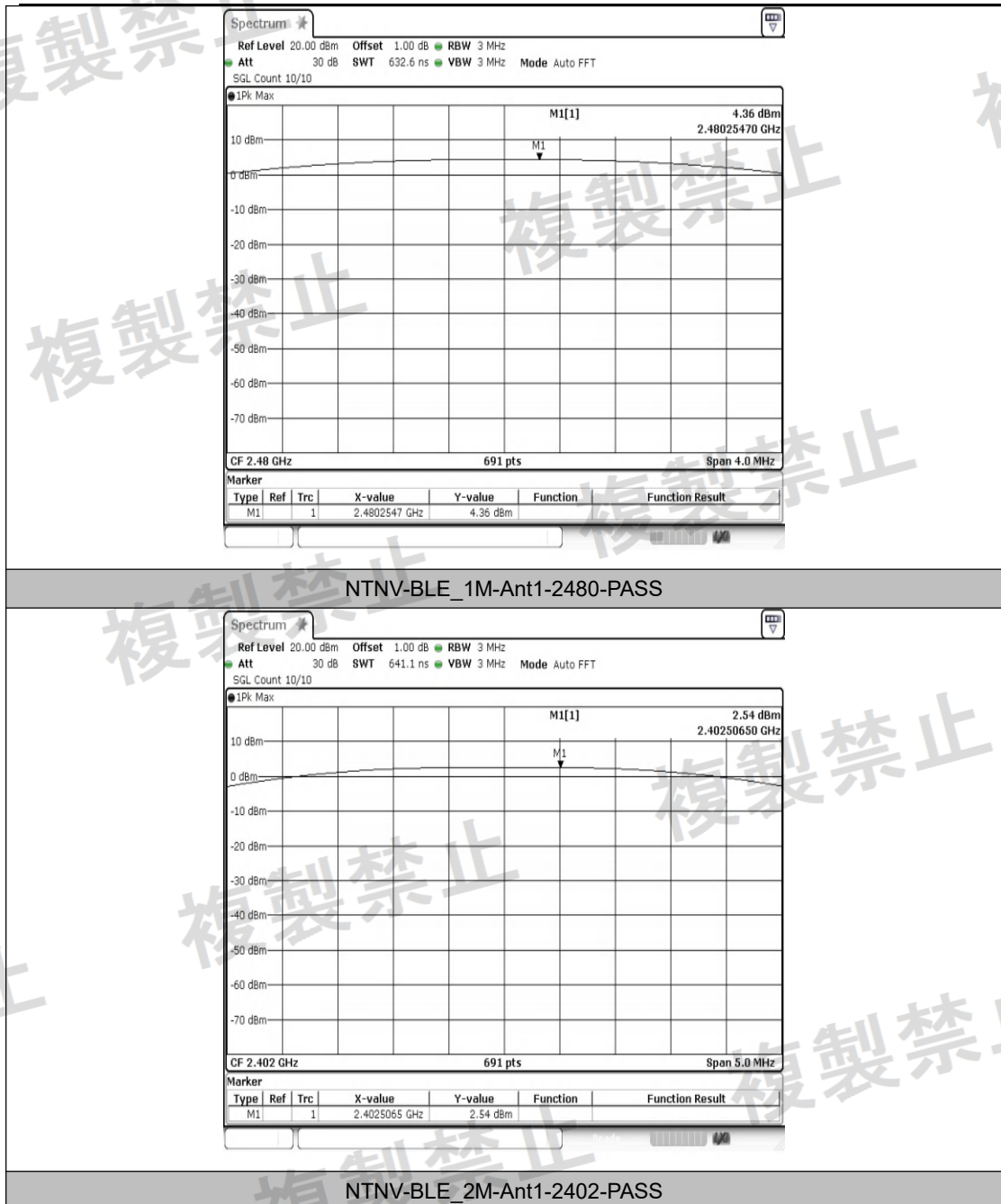


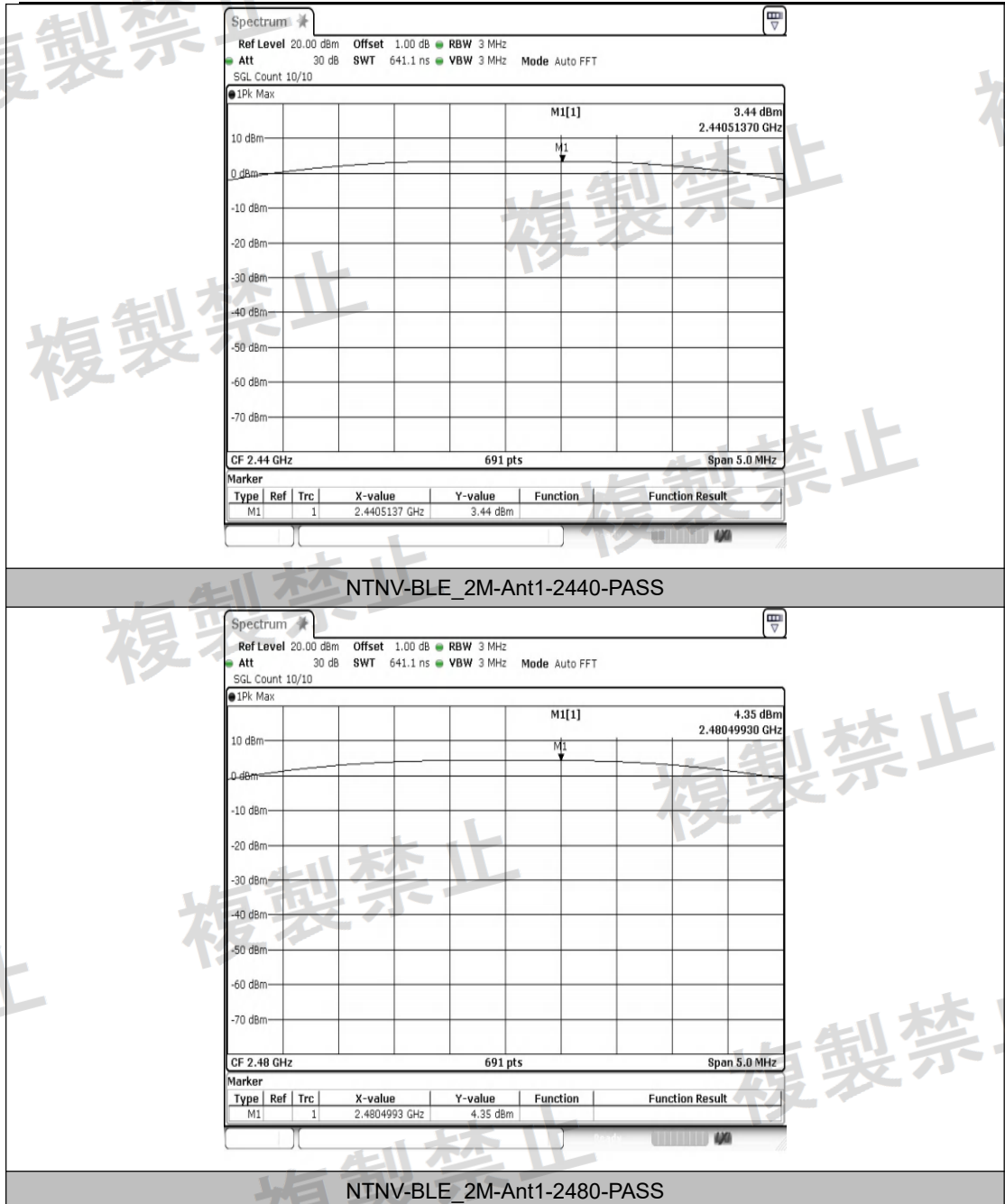
NTNV-BLE_1M-Ant1-2402-PASS



NTNV-BLE_1M-Ant1-2440-PASS







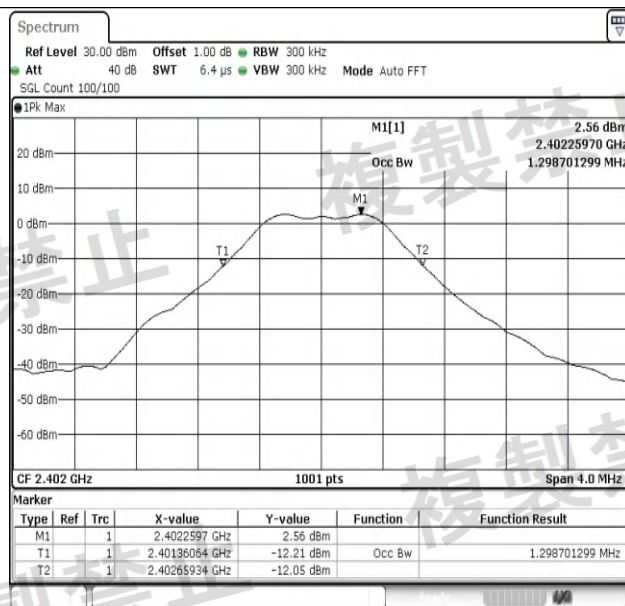
Appendix C: Occupied Bandwidth

Test Result

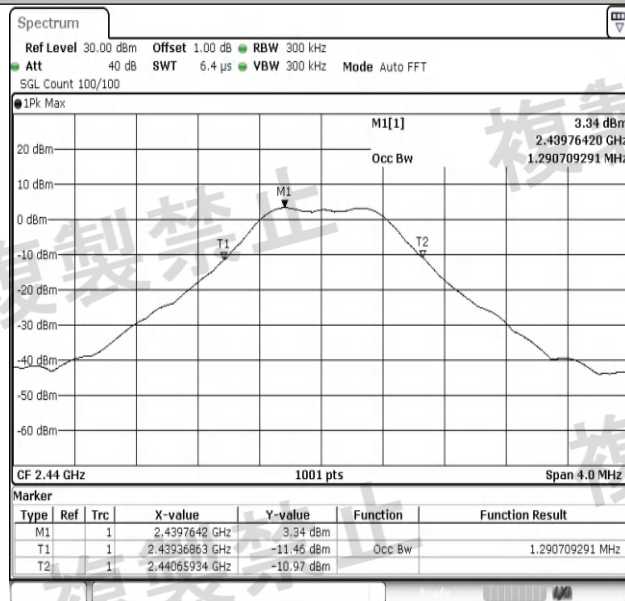
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.299	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.291	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.307	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.162	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.150	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.174	≤26	PASS



Test Graphs

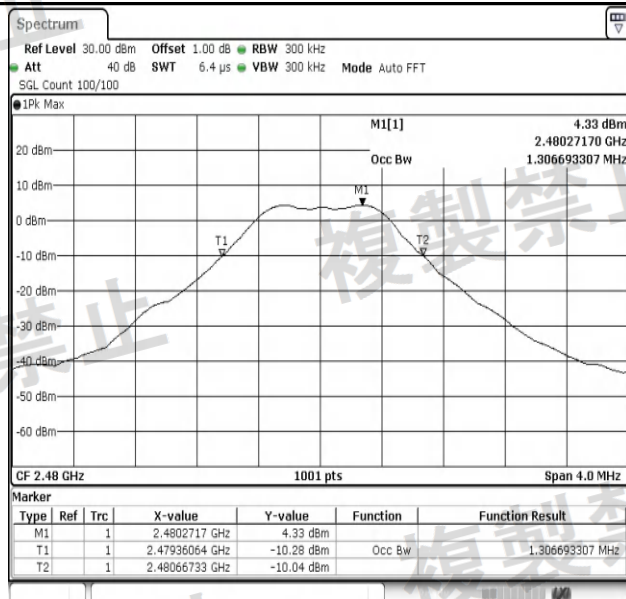


NTNV-BLE_1M-Ant1-2402-PASS

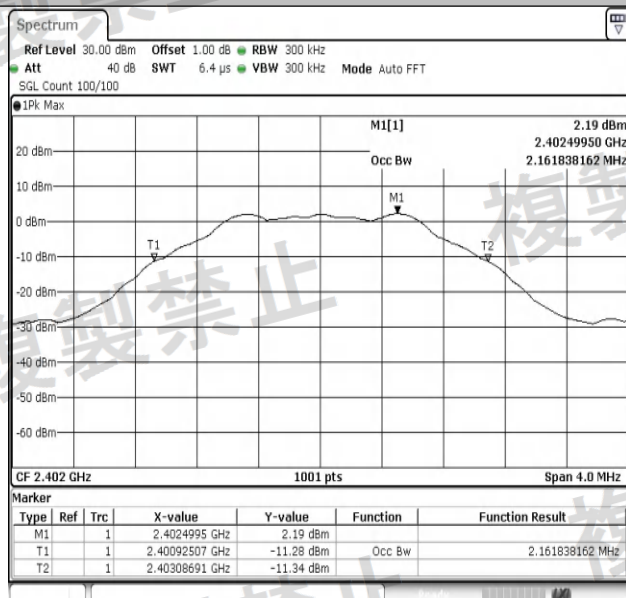


NTNV-BLE_1M-Ant1-2440-PASS



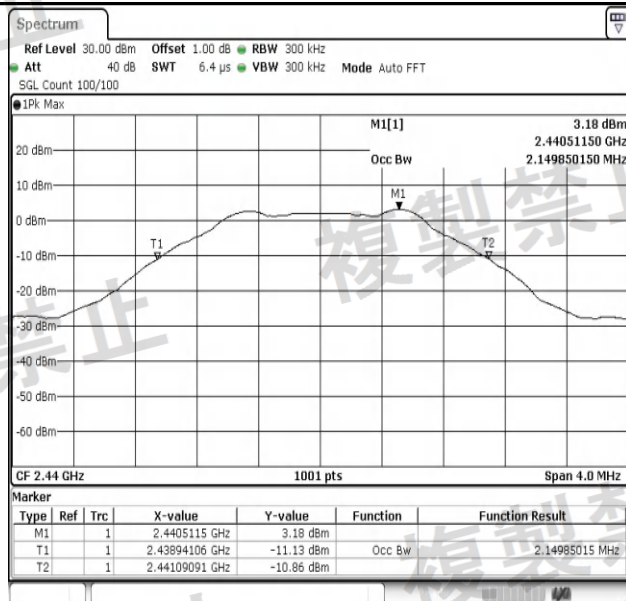


NTNV-BLE_1M-Ant1-2480-PASS

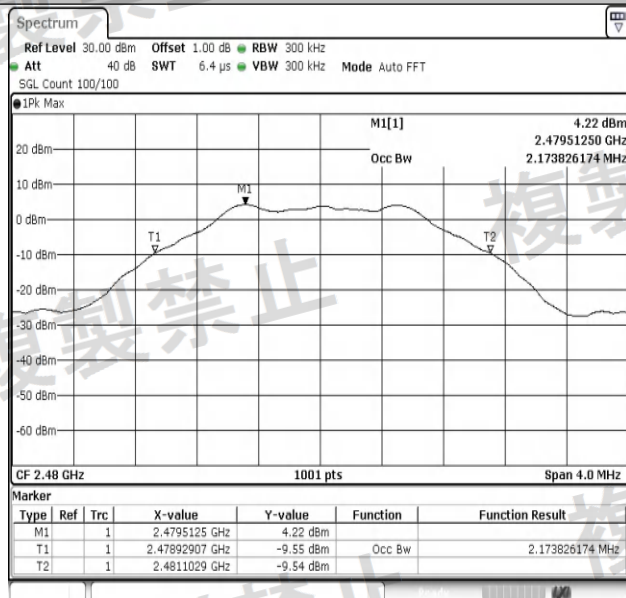


NTNV-BLE_2M-Ant1-2402-PASS





NTNV-BLE_2M-Ant1-2440-PASS



NTNV-BLE_2M-Ant1-2480-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	863.23	-50.09	≤-26	0.00979	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	1733.72	-48.96	≤-26	0.01271	≤2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-29.27	≤-16	1.18304	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2484.45	-37.93	≤-16	0.16106	≤25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	4804.64	-44.13	≤-26	0.03864	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	843.35	-50.42	≤-26	0.00908	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2179.30	-48.73	≤-26	0.01340	≤2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2398.38	-39.23	≤-16	0.11940	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2492.09	-38.18	≤-16	0.15205	≤25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	4879.74	-44.32	≤-26	0.03698	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	919.98	-49.42	≤-26	0.01143	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	1963.97	-49.03	≤-26	0.01250	≤2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2398.18	-38.55	≤-16	0.13964	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2483.55	-36.27	≤-16	0.23605	≤25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6918.47	-44.33	≤-26	0.03690	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	902.03	-48.41	≤-26	0.01442	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	2333.95	-48.88	≤-26	0.01294	≤2.5	PASS
NTNV	BLE_2M	Ant1	2402	2387~2400	2400.00	-19.43	≤-16	11.40250	≤25	PASS

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 Tel: (86)0755-26066440 Email: service@anbotech.com

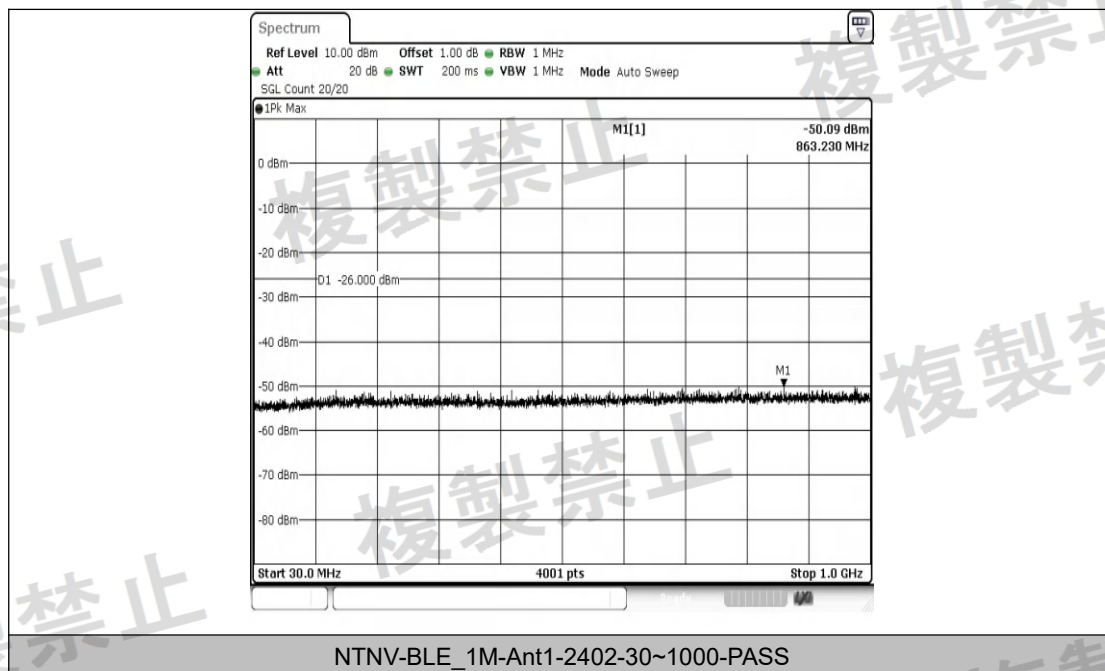


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NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2491.27	-37.79	≤-16	0.16634	≤25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	4802.54	-44.46	≤-26	0.03581	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	835.10	-49.32	≤-26	0.01169	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	2065.91	-48.63	≤-26	0.01371	≤2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2396.08	-38.84	≤-16	0.13062	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2486.99	-37.71	≤-16	0.16943	≤25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	6957.34	-44.91	≤-26	0.03228	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	836.31	-48.02	≤-26	0.01578	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	1000~2387	2186.58	-49.12	≤-26	0.01225	≤2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2399.55	-38.71	≤-16	0.13459	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2483.53	-35.70	≤-16	0.26915	≤25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	6979.92	-44.50	≤-26	0.03548	≤2.5	PASS

Test Graphs



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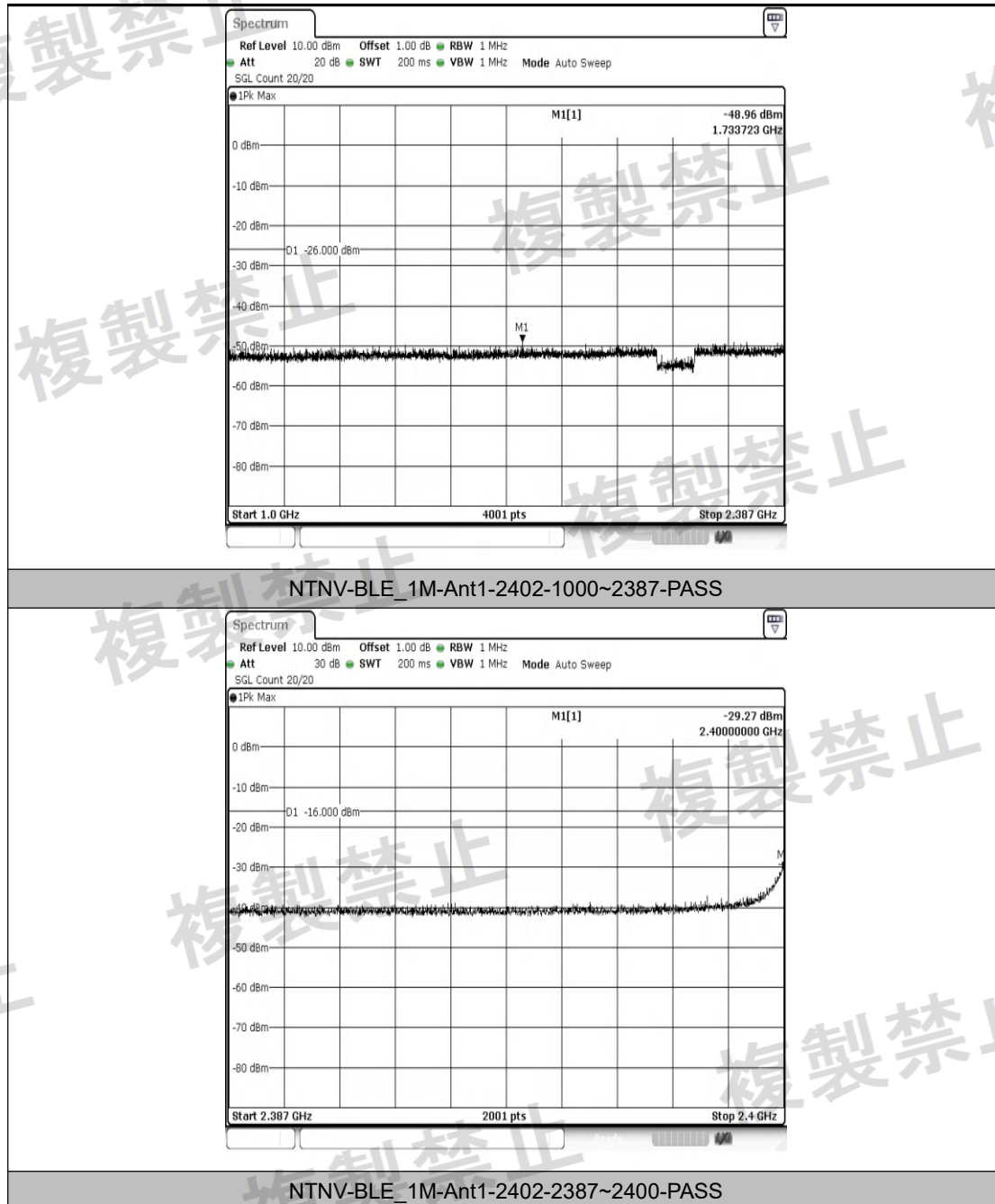


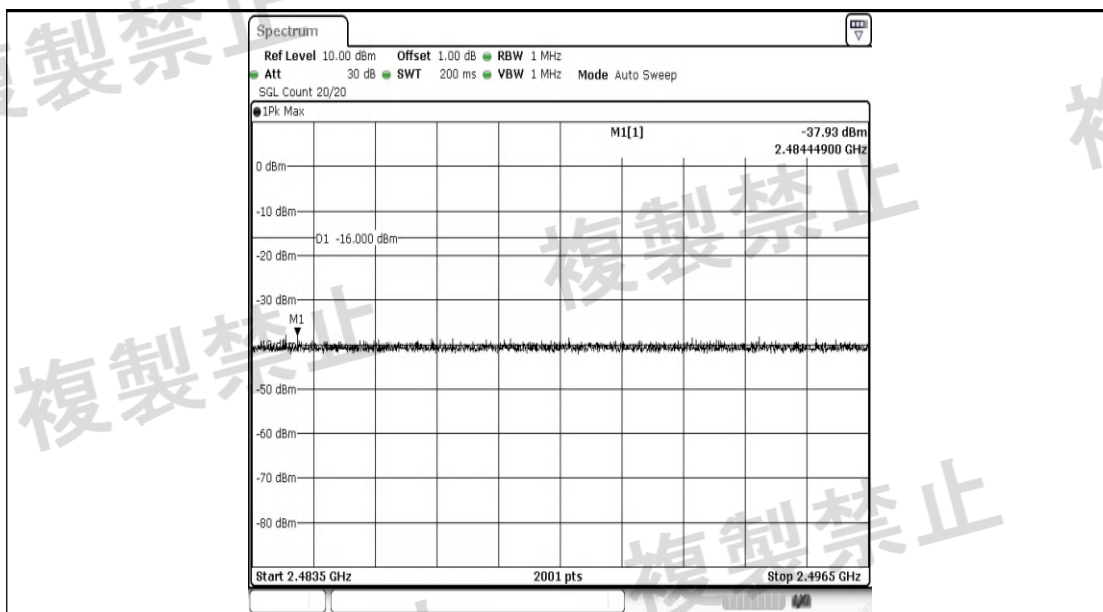
Hotline

400-003-0500

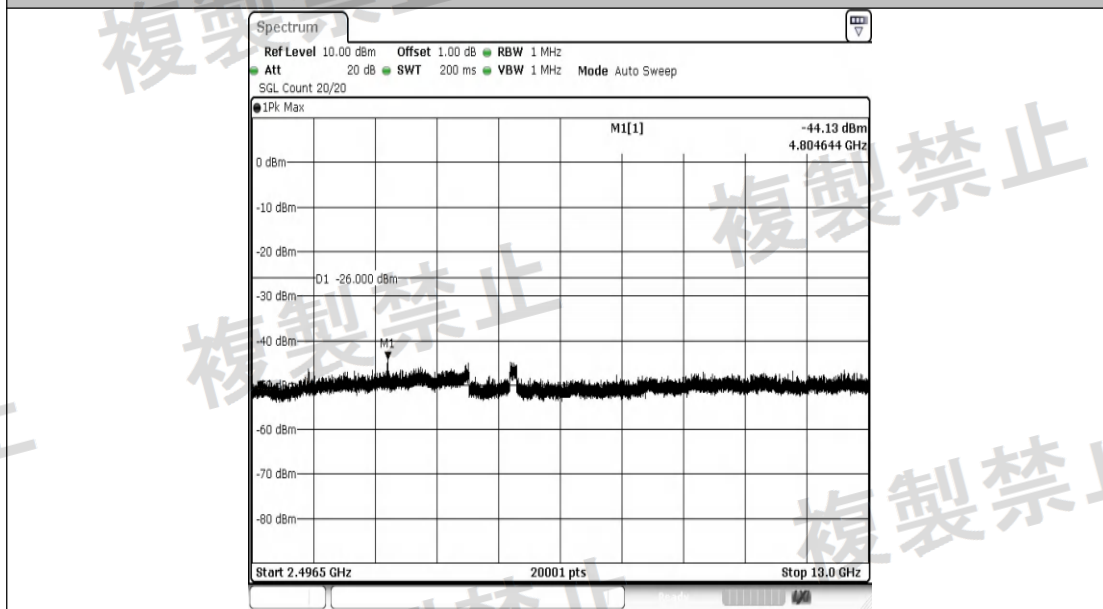
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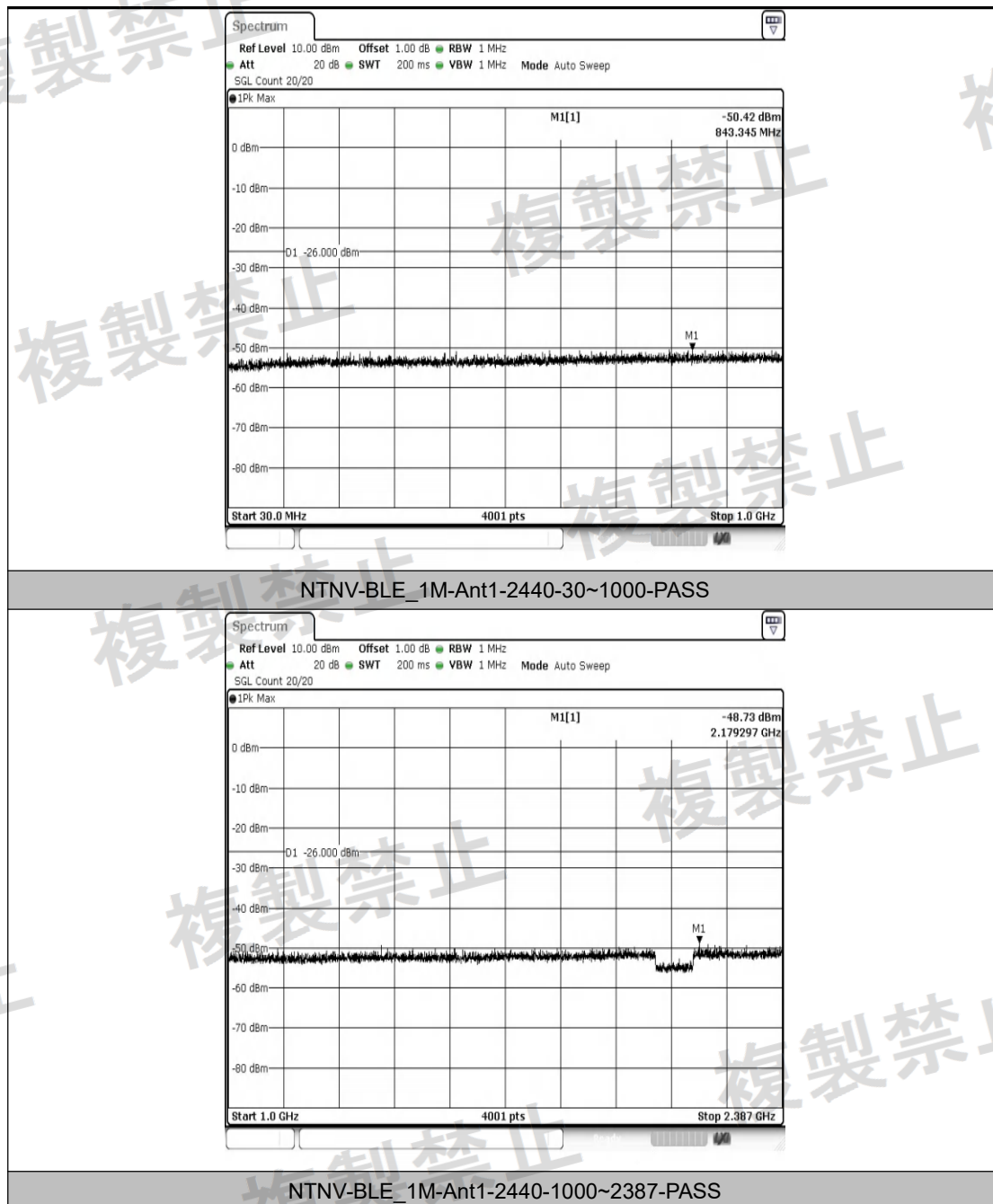


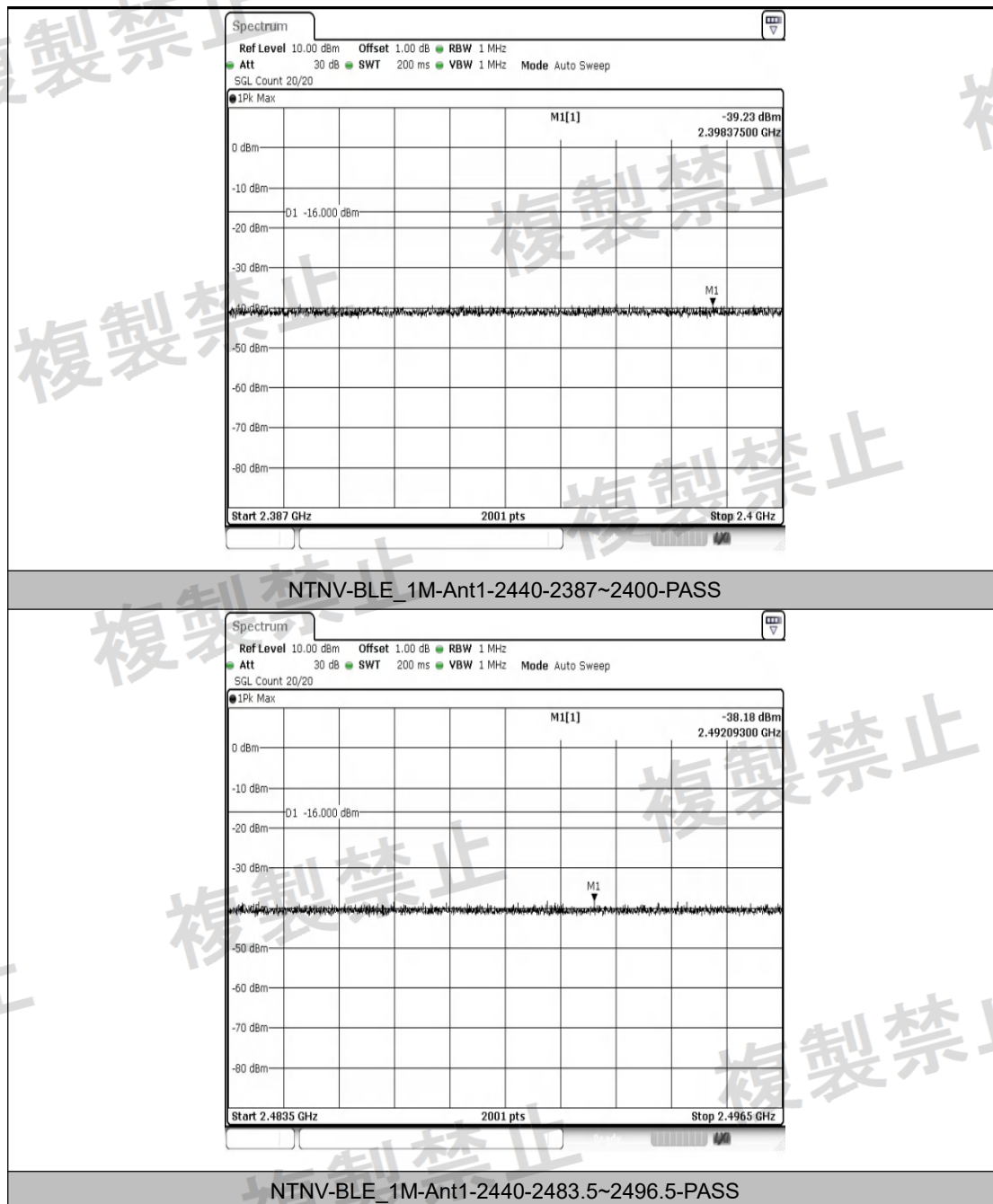
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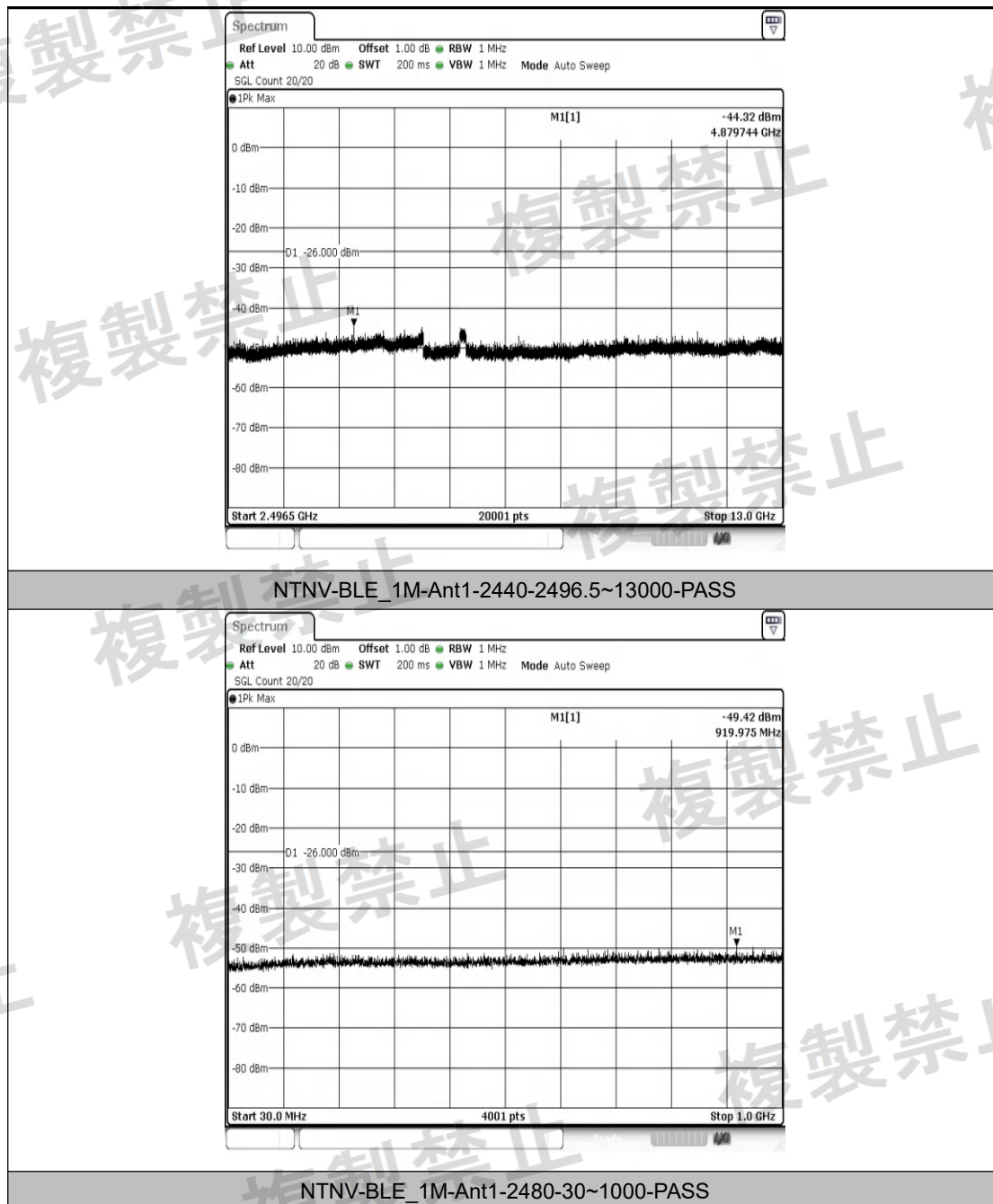


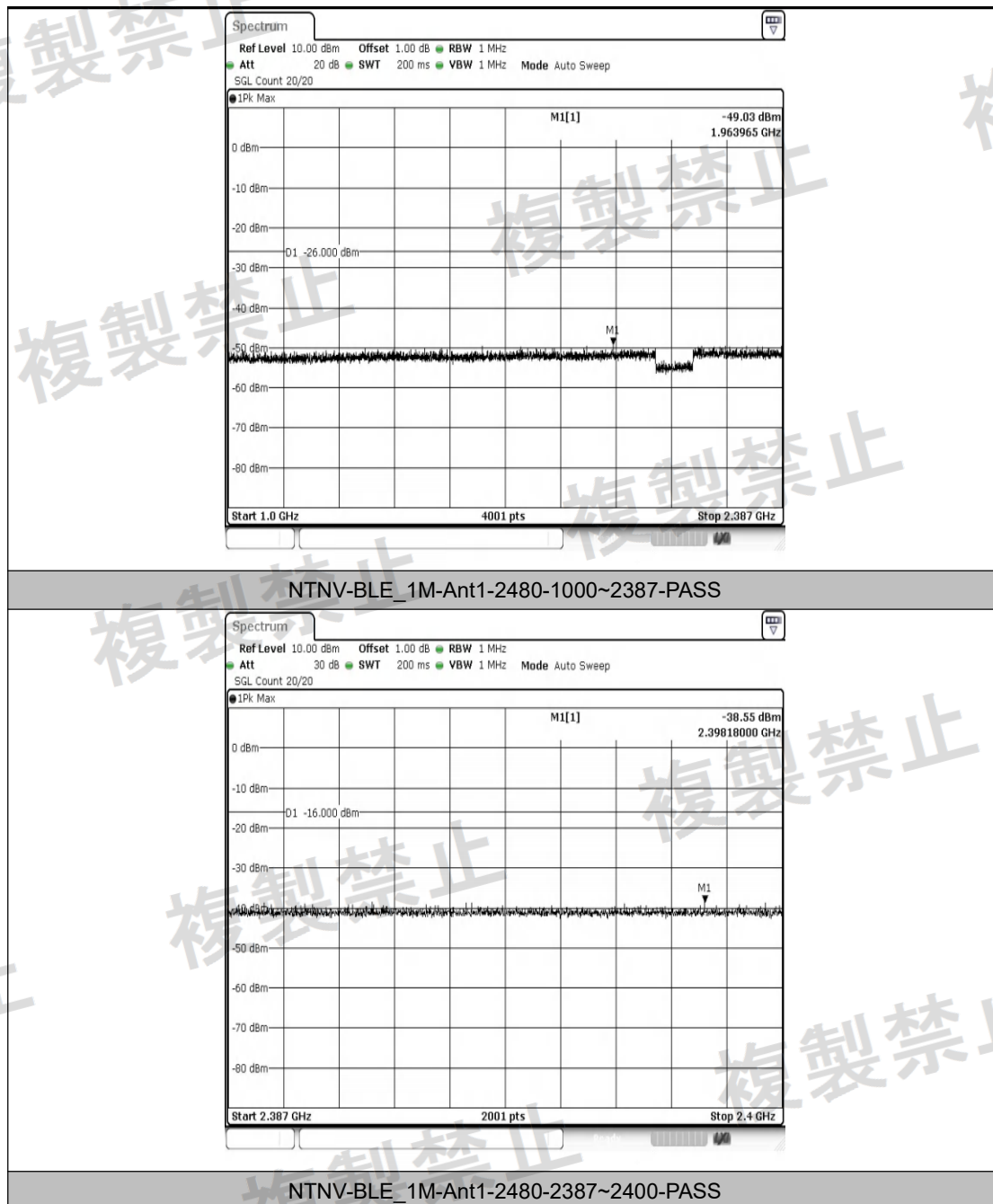
NTNV-BLE_1M-Ant1-2402-2496.5~13000-PASS

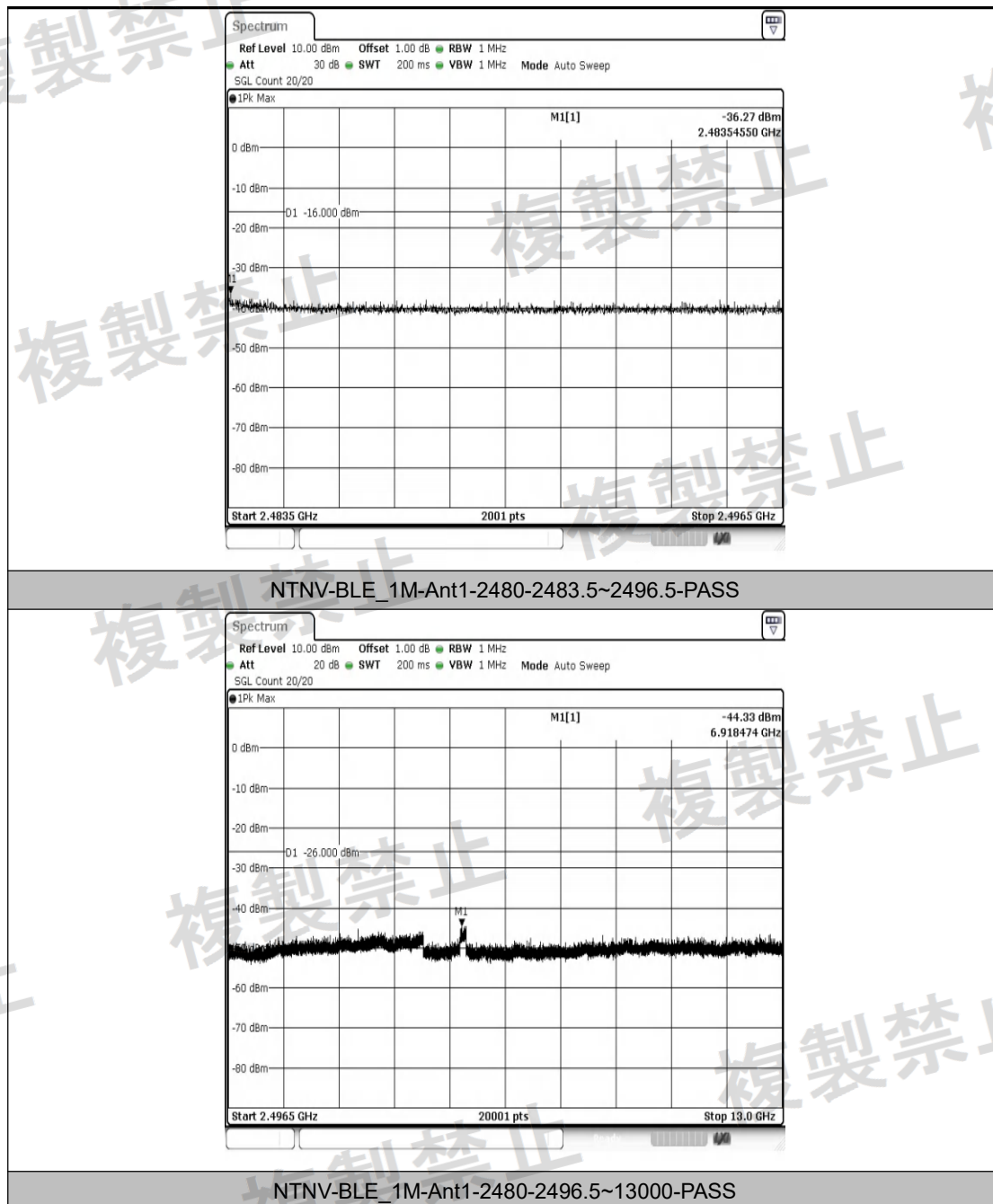


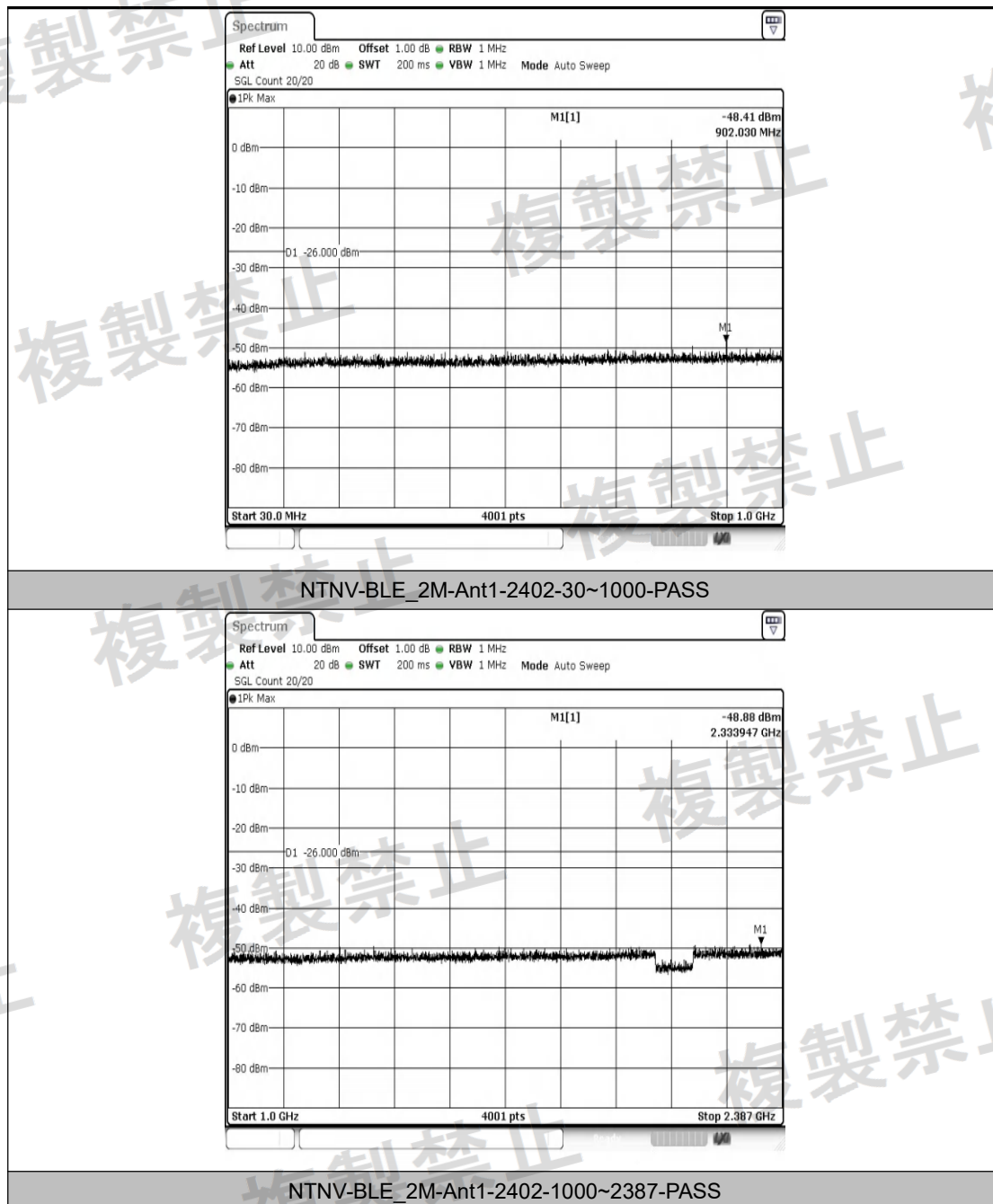


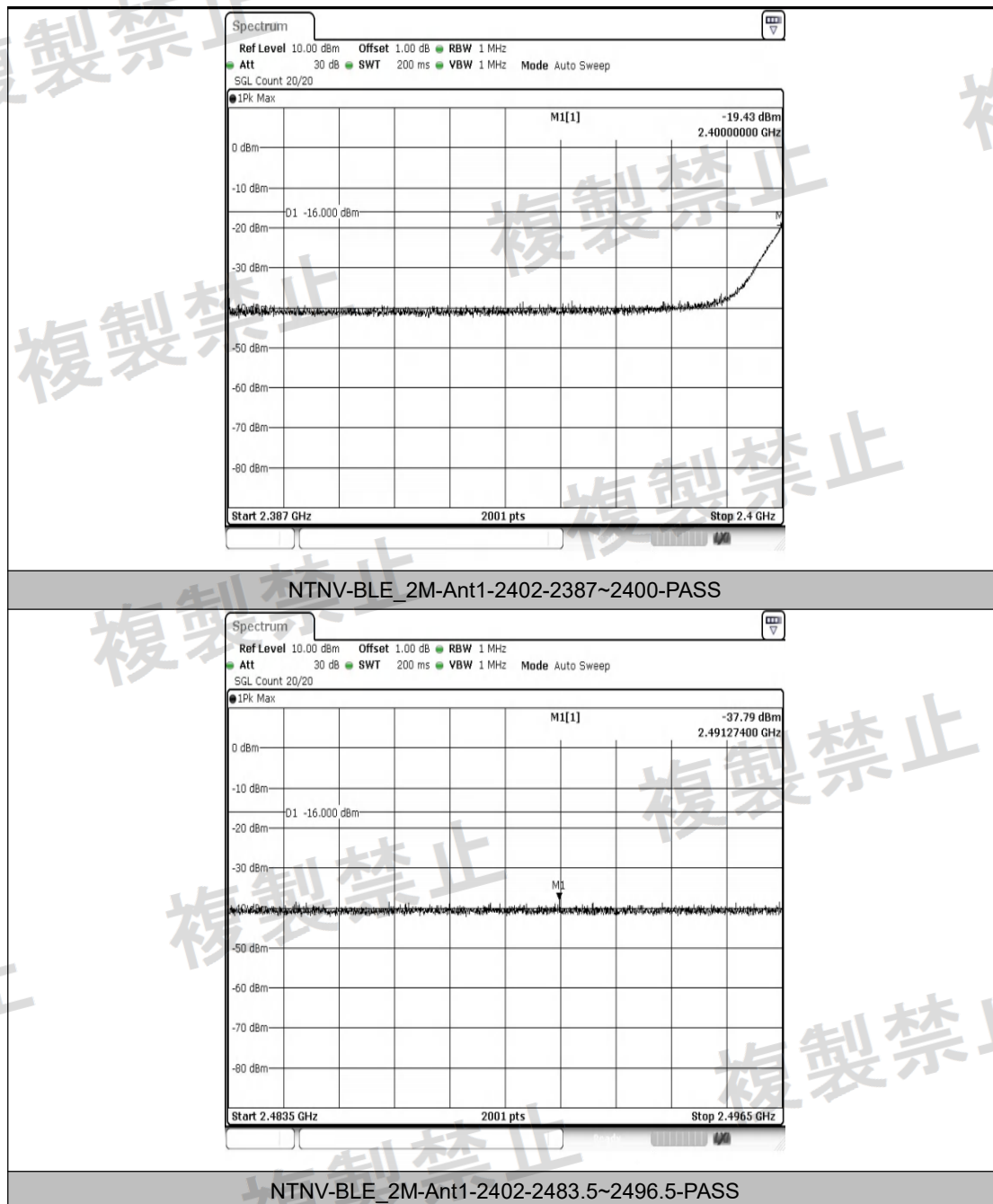


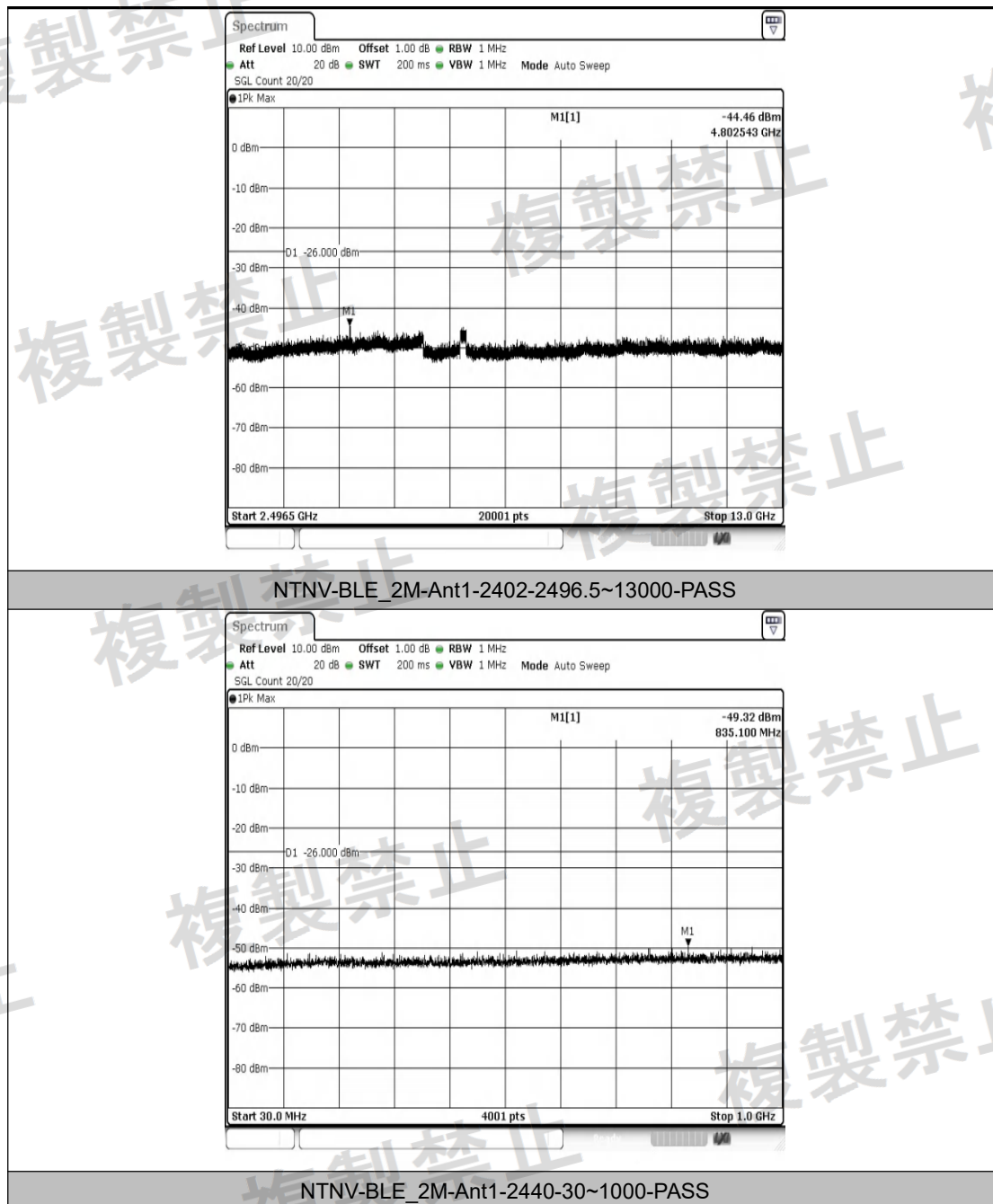


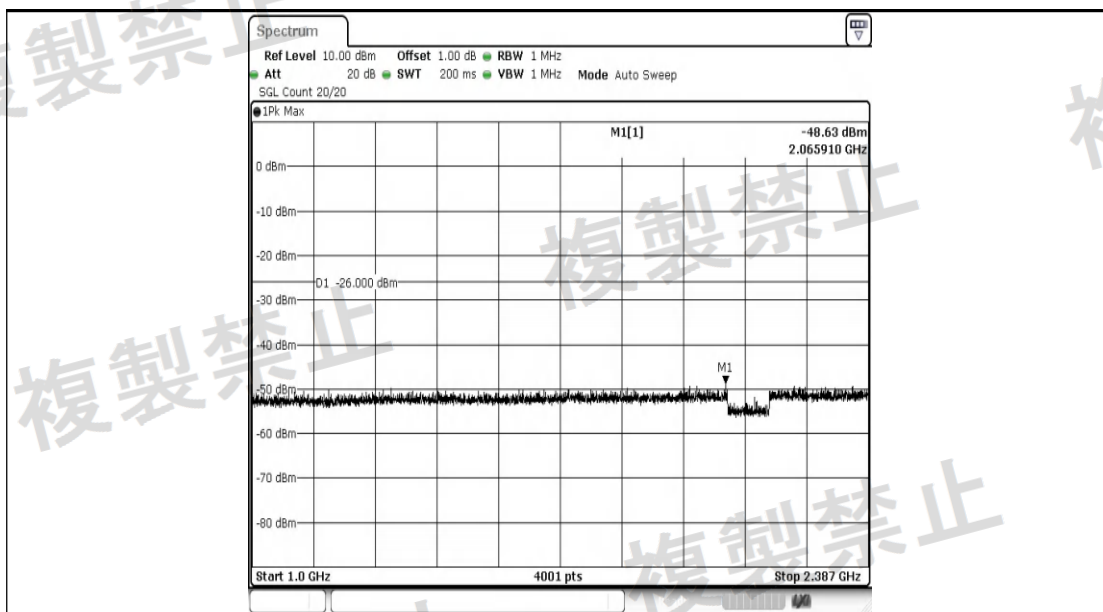




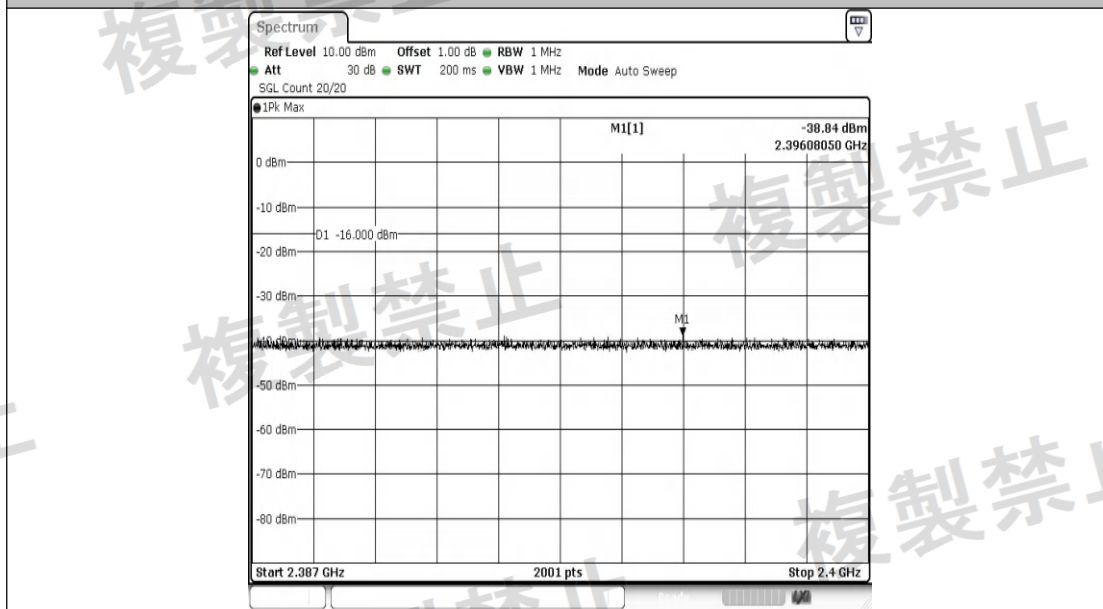






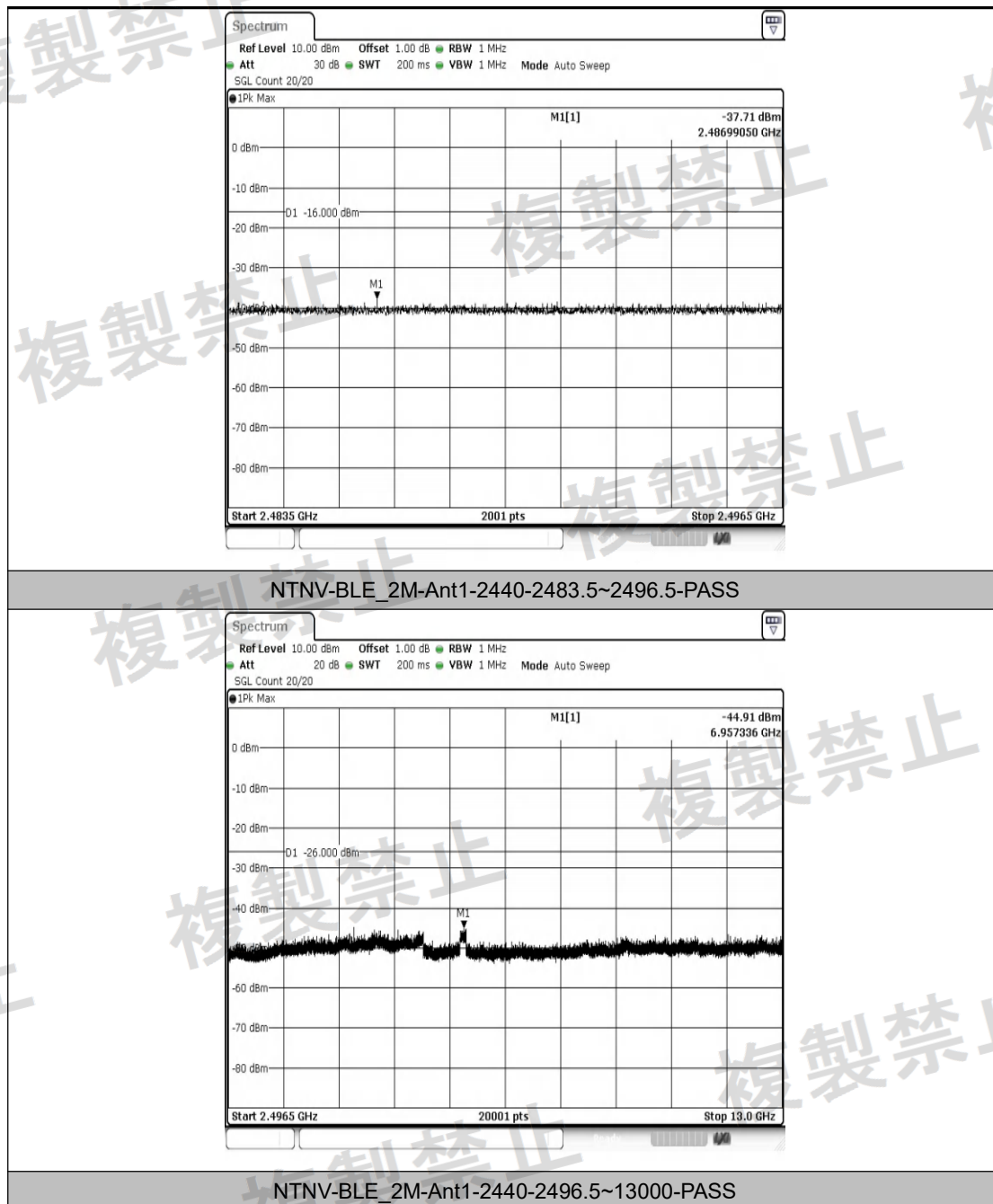


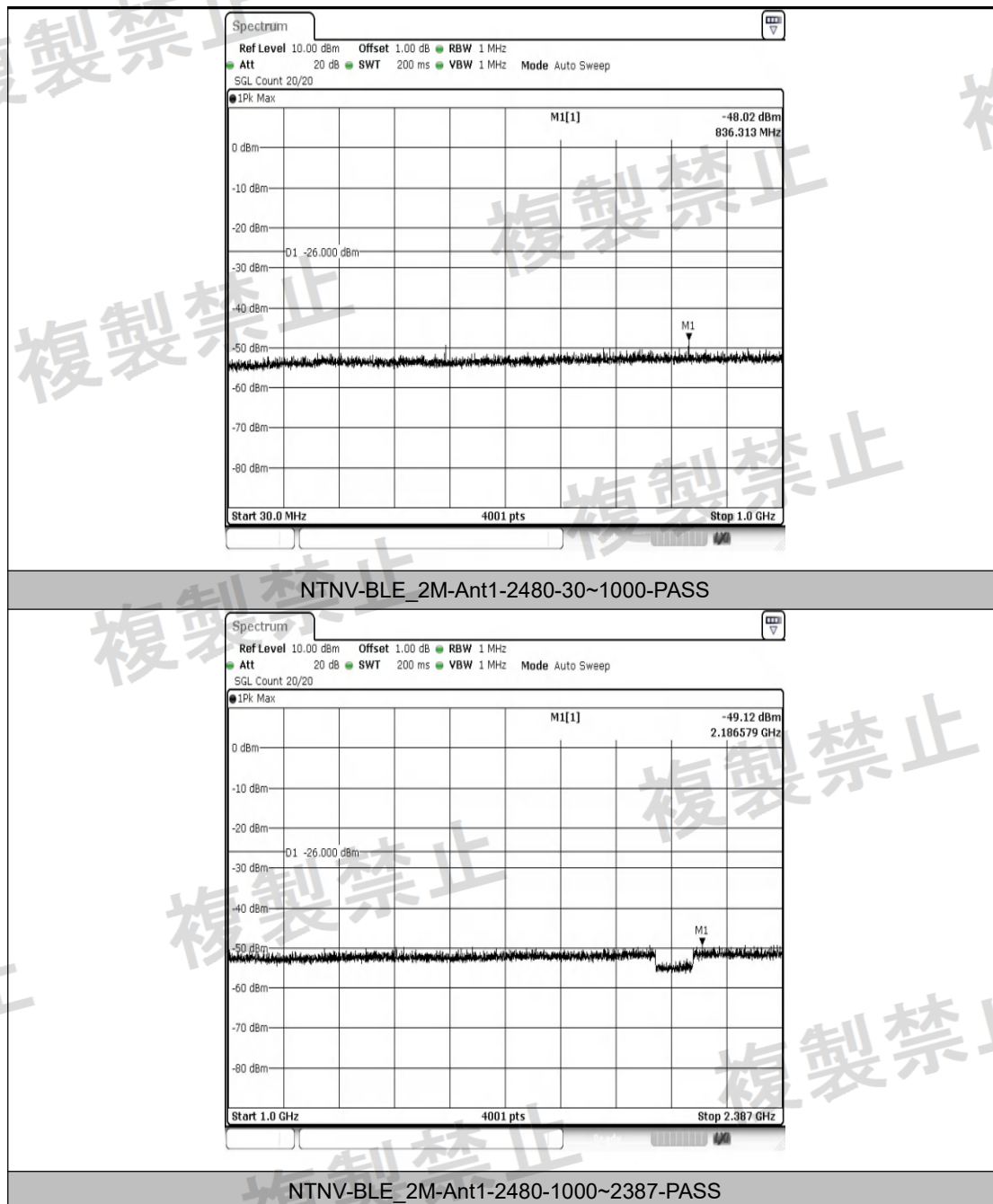
NTNV-BLE_2M-Ant1-2440-1000~2387-PASS

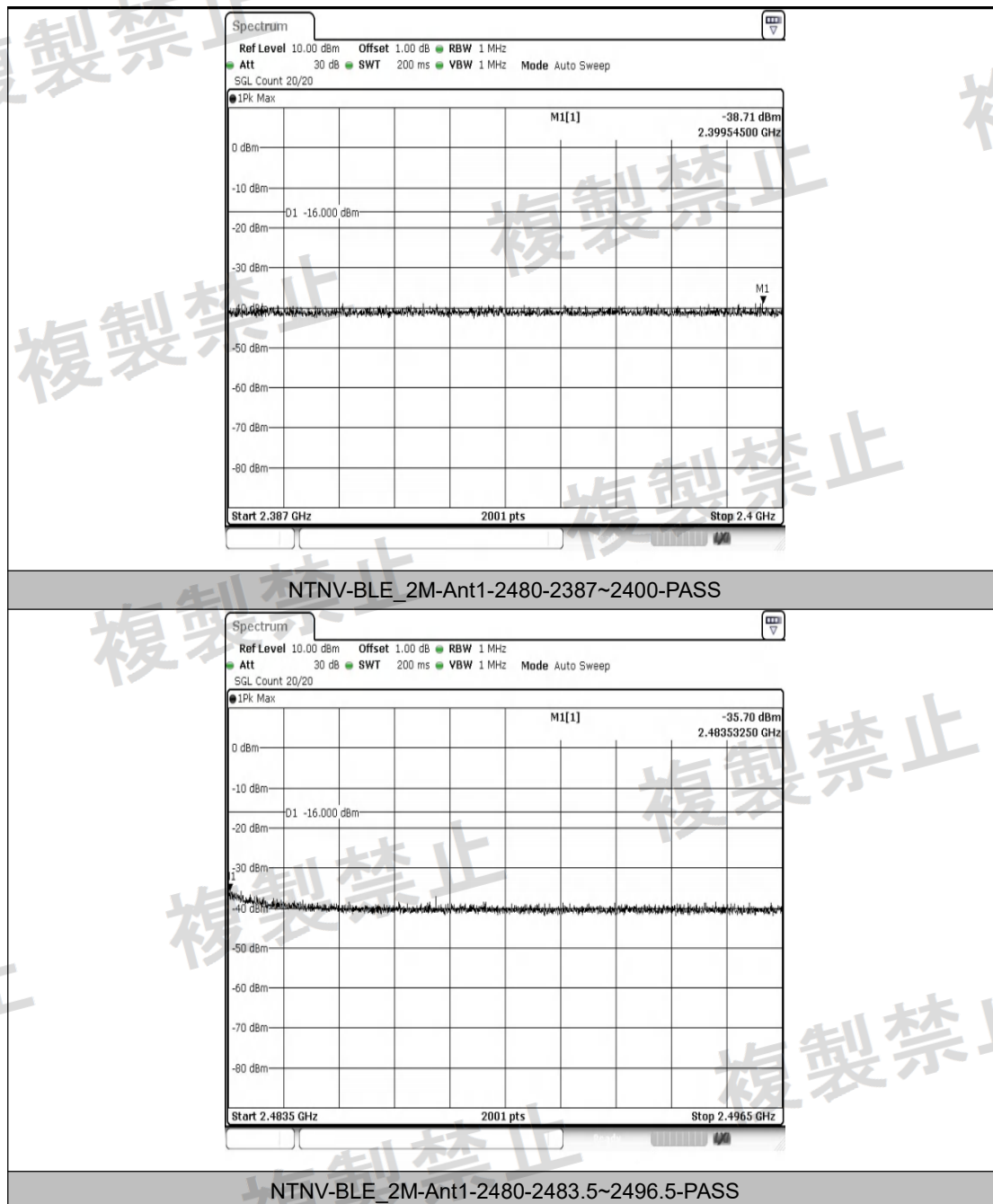


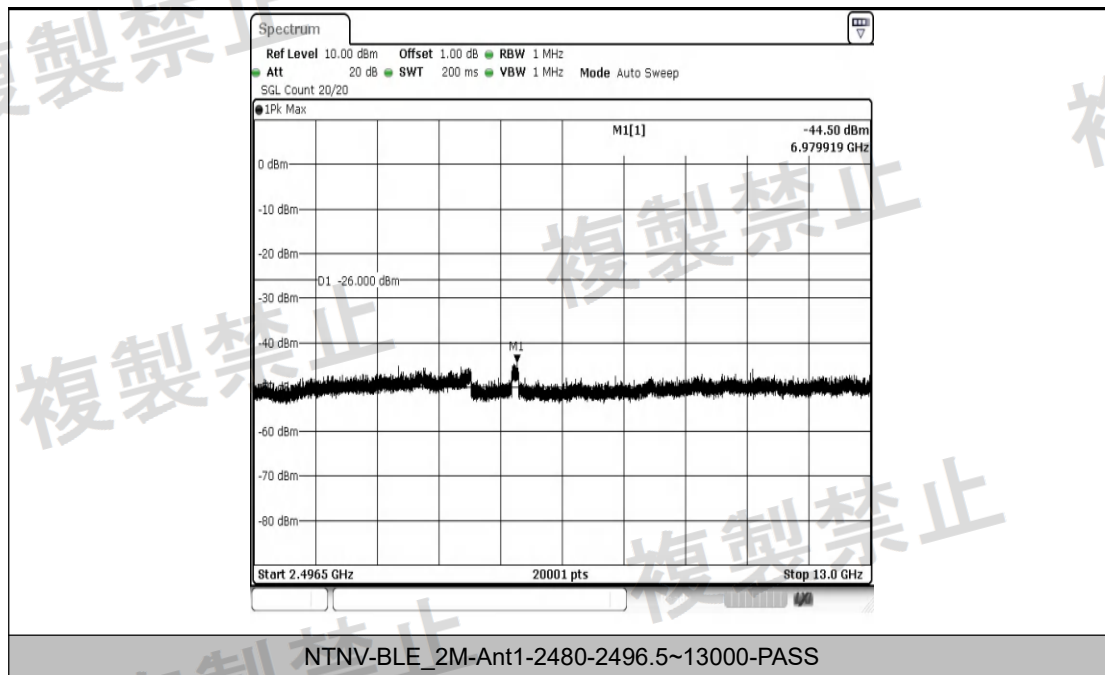
NTNV-BLE_2M-Ant1-2440-2387~2400-PASS









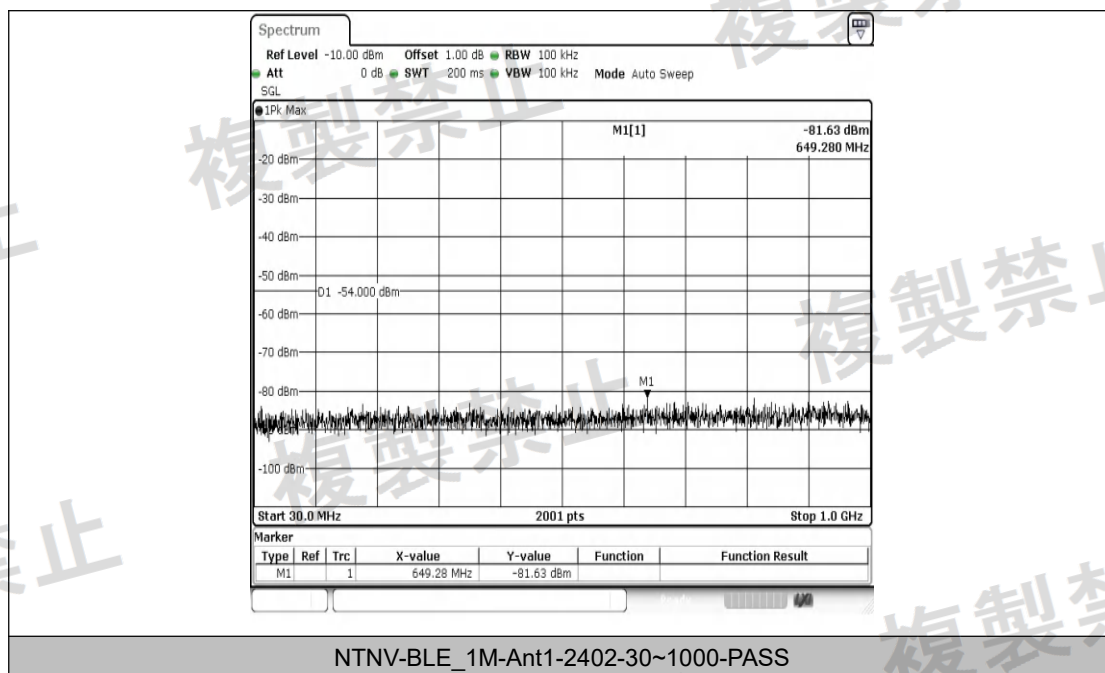


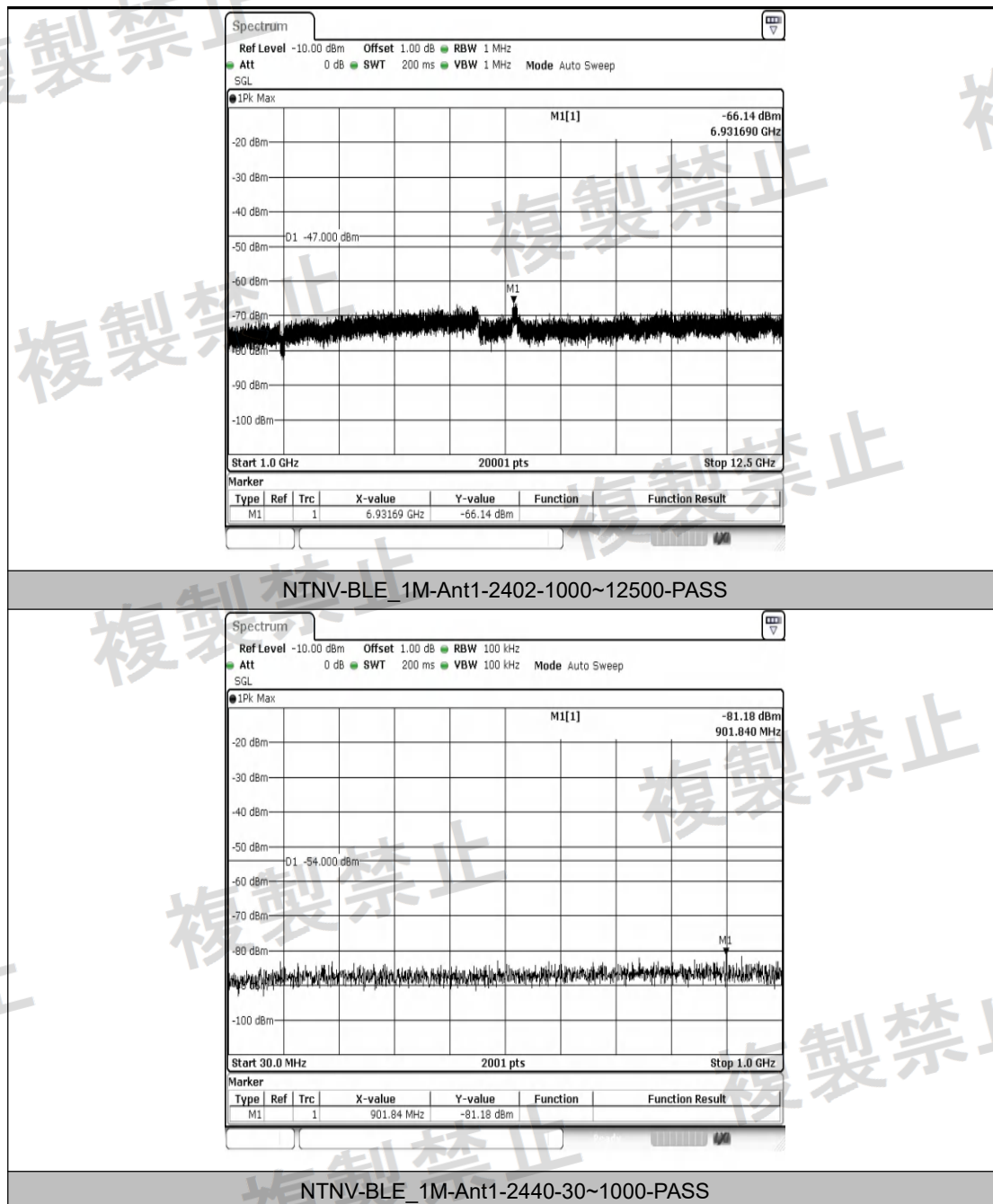
Appendix E: Spurious Emission of RX

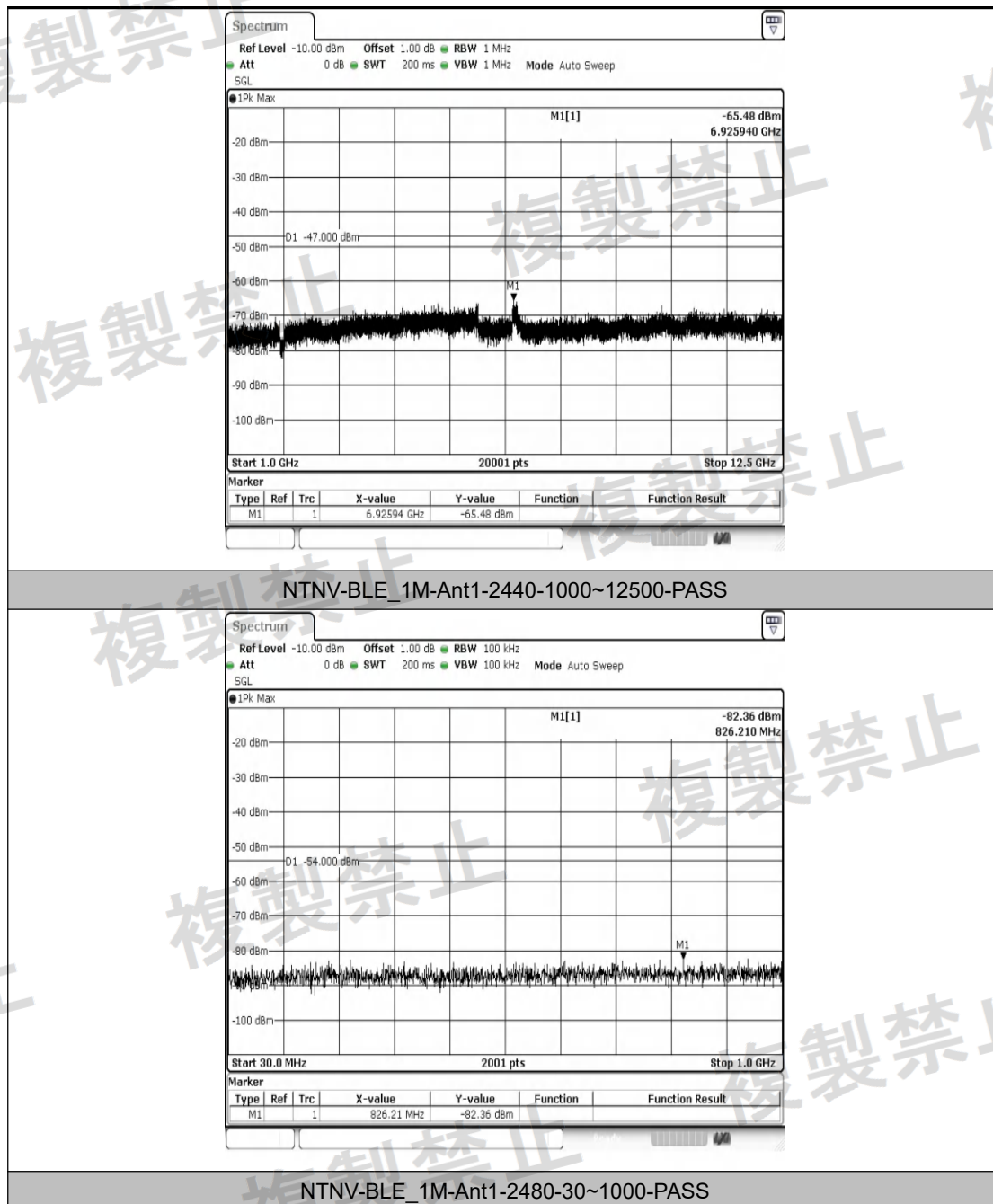
Test Result

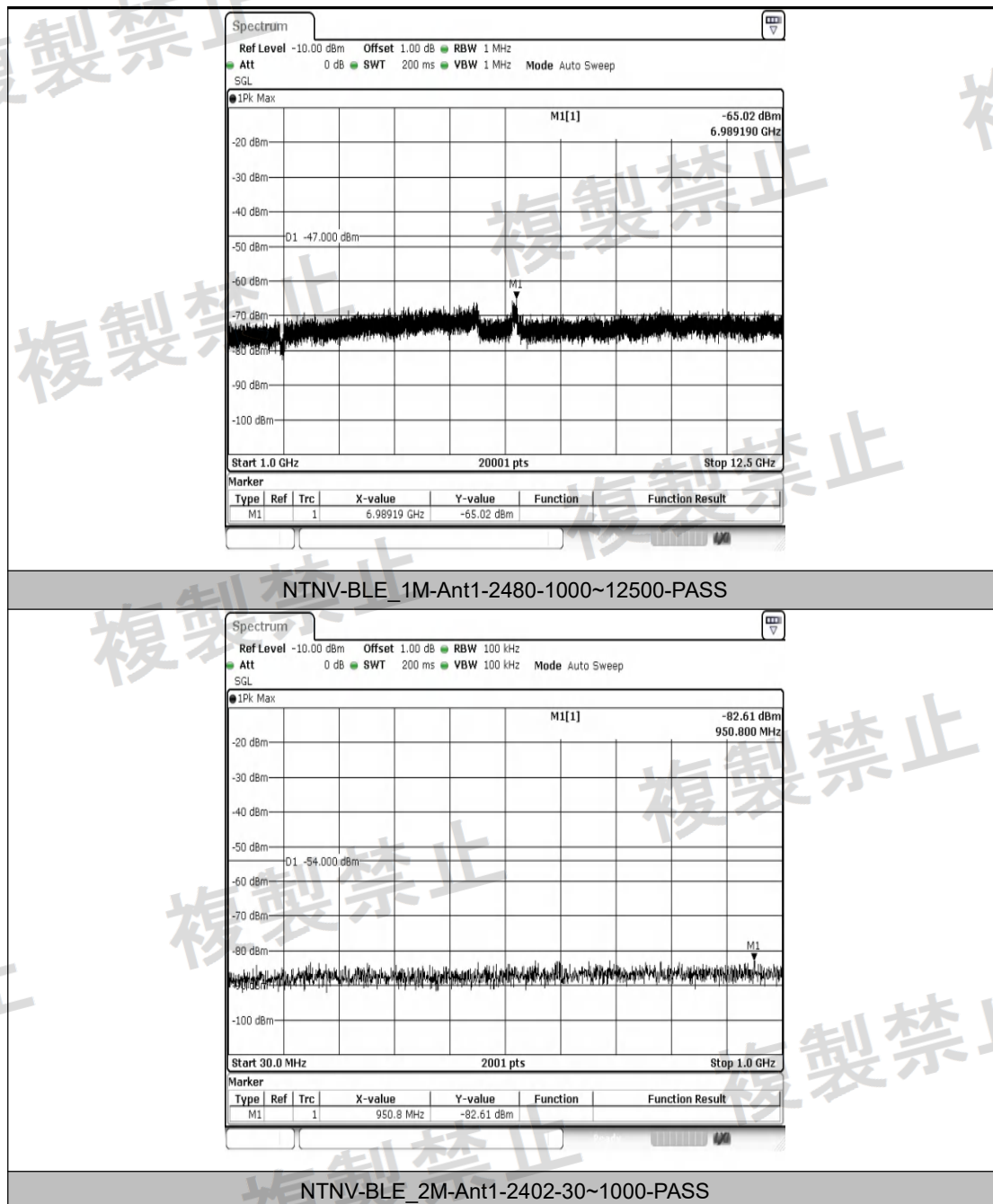
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	649.28	-81.63	≤-54	0.00687	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6931.69	-66.14	≤-47	0.24322	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	901.84	-81.18	≤-54	0.00762	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6925.94	-65.48	≤-47	0.28314	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	826.21	-82.36	≤-54	0.00581	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6989.19	-65.02	≤-47	0.31477	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	950.80	-82.61	≤-54	0.00548	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	5939.29	-65.30	≤-47	0.29512	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	958.55	-82.38	≤-54	0.00578	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	6939.17	-66.15	≤-47	0.24266	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	780.16	-82.60	≤-54	0.00550	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	6997.24	-65.35	≤-47	0.29174	≤20	PASS

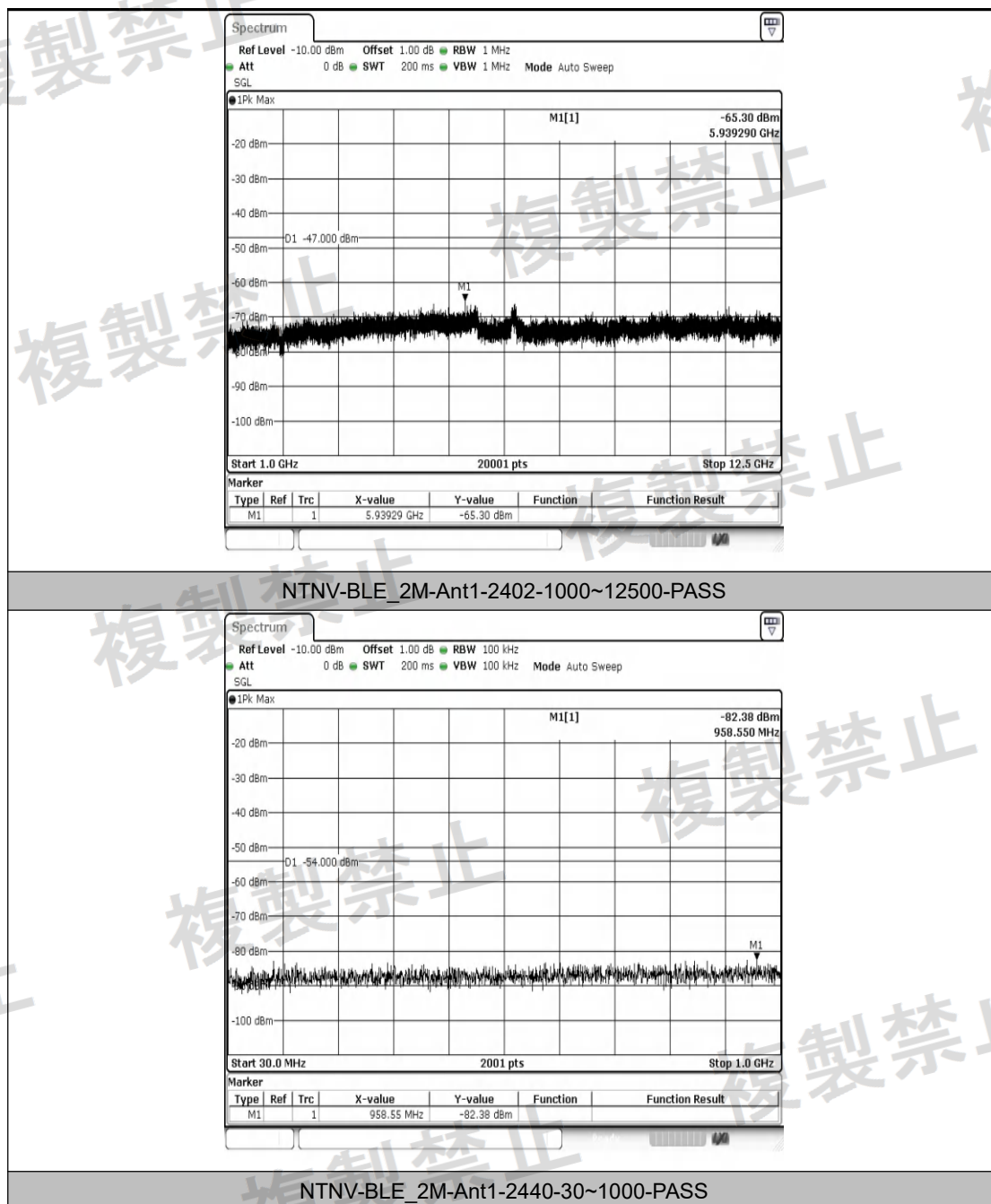
Test Graphs

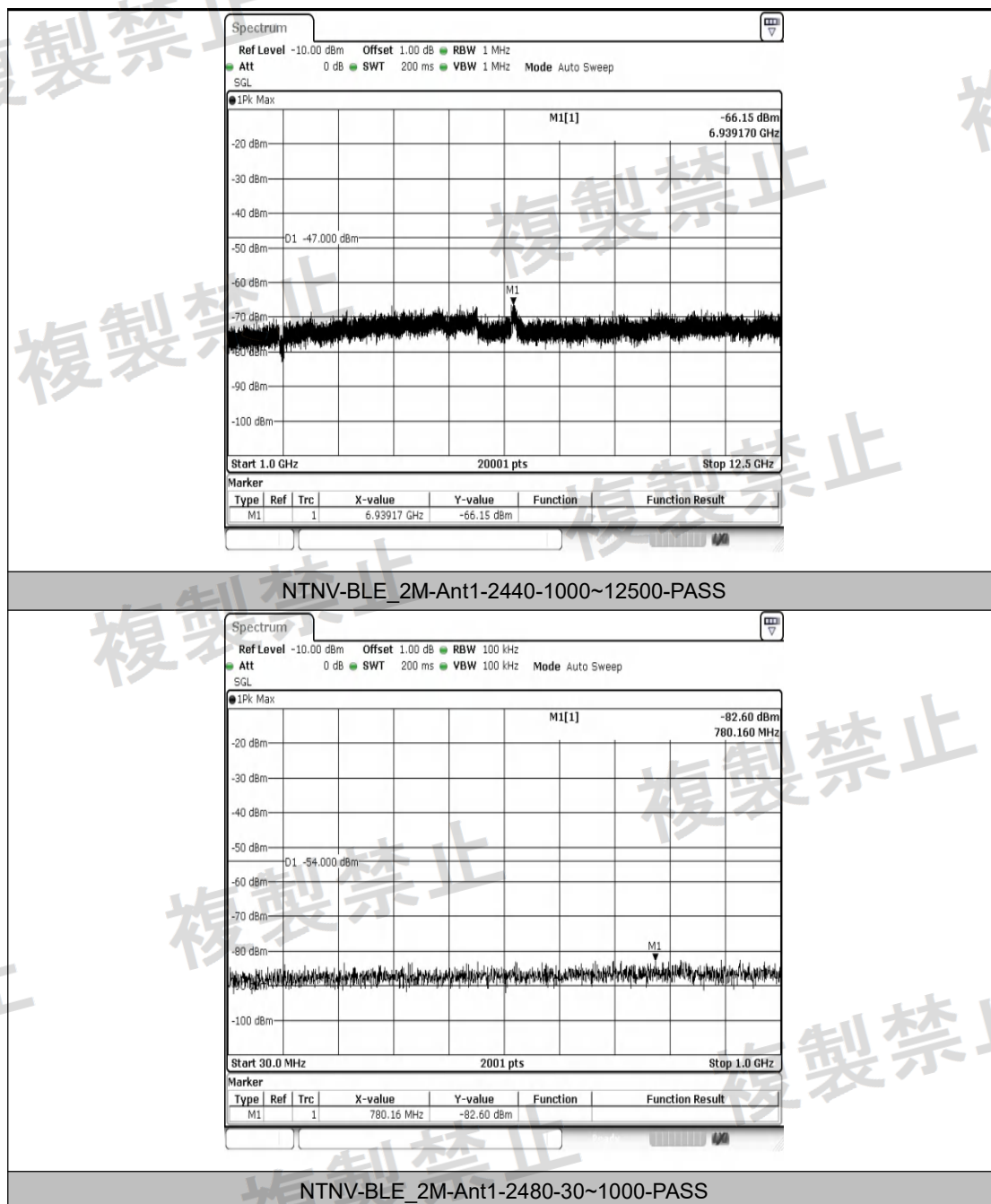


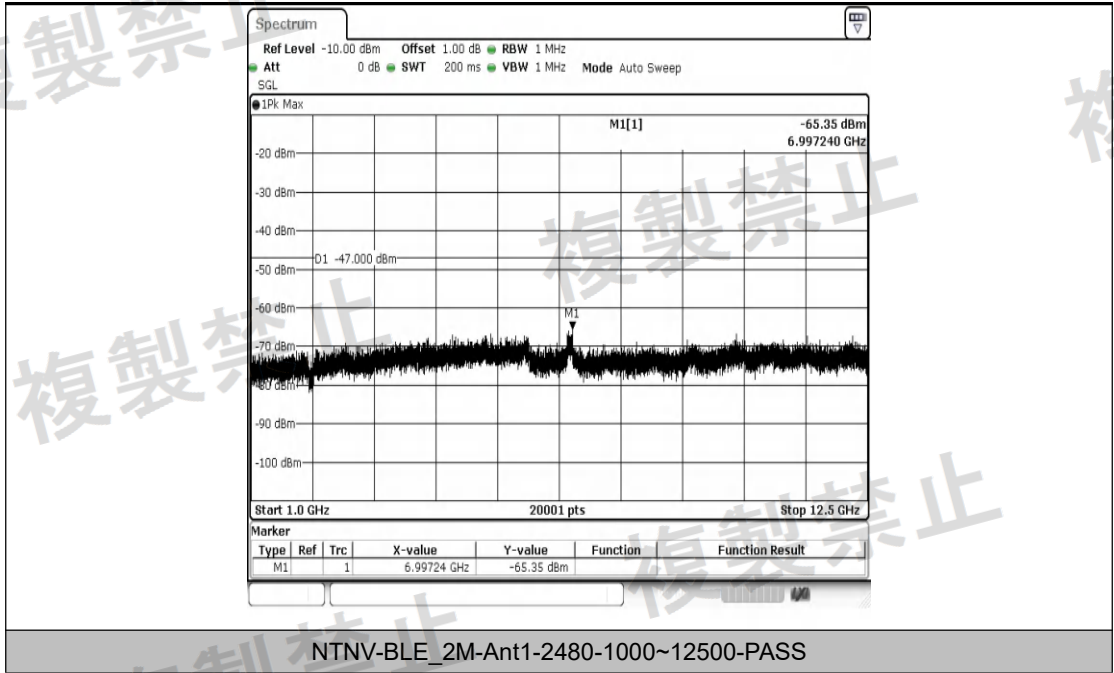












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