

Appendix Test Data

Report No.:	1814C60096012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-20	Finish Test Date:	2026-4-29
Test Engineer:	Tracy Liang	Auditor:	Justin Feng
Temperature:	22.3℃	Relative Humidity:	56%
Pressure:	101kPa		



Appendix A: Frequency Error

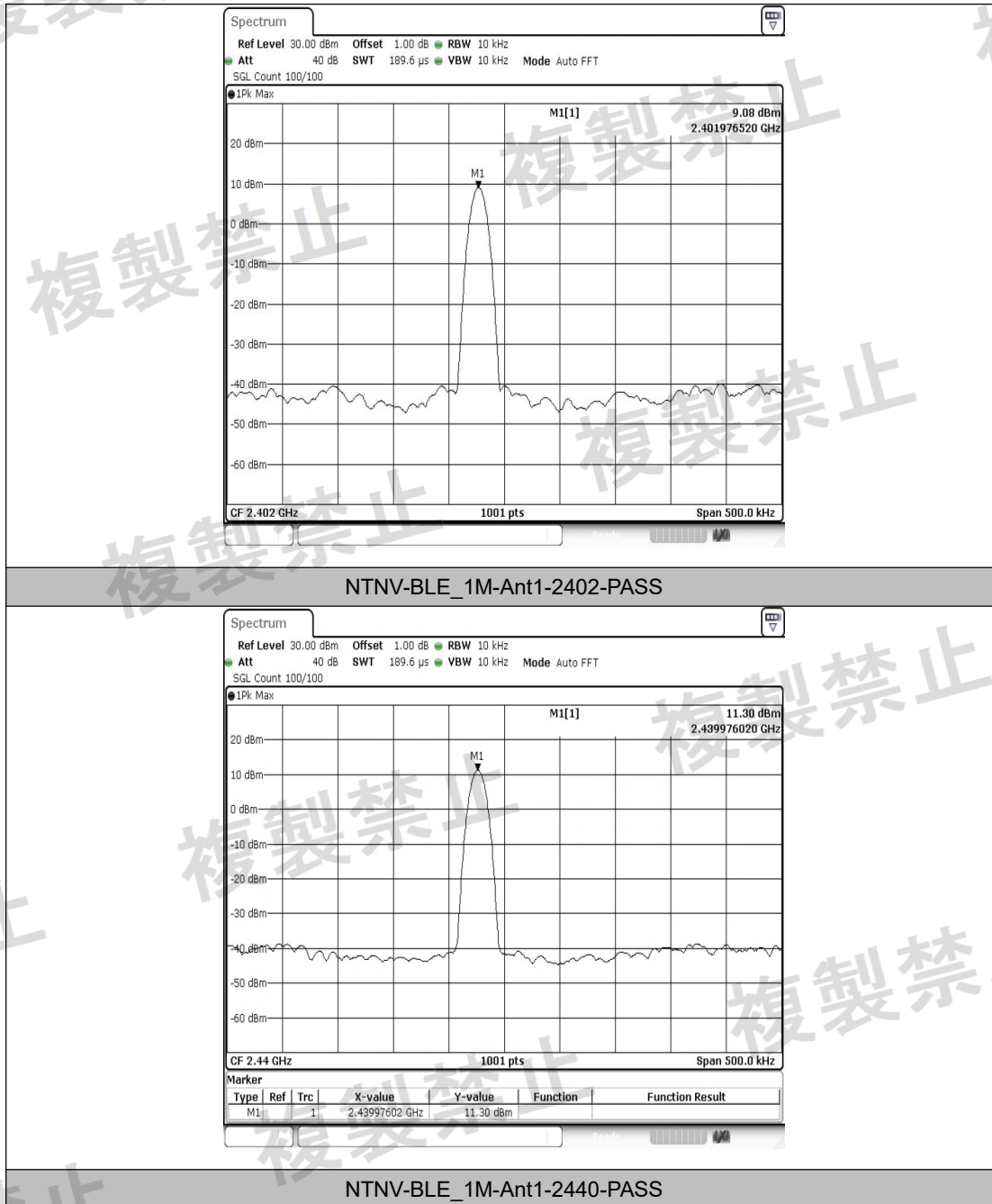
Test Result

Test Condition	Test Mode	Antenna	Freq.[MHz]	Center Freq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.97652	-9.77519	±50	PASS
NTNV	CW	Ant1	2440	2439.97602	-9.82787	±50	PASS
NTNV	CW	Ant1	2480	2479.97602	-9.66936	±50	PASS

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



Test Graphs

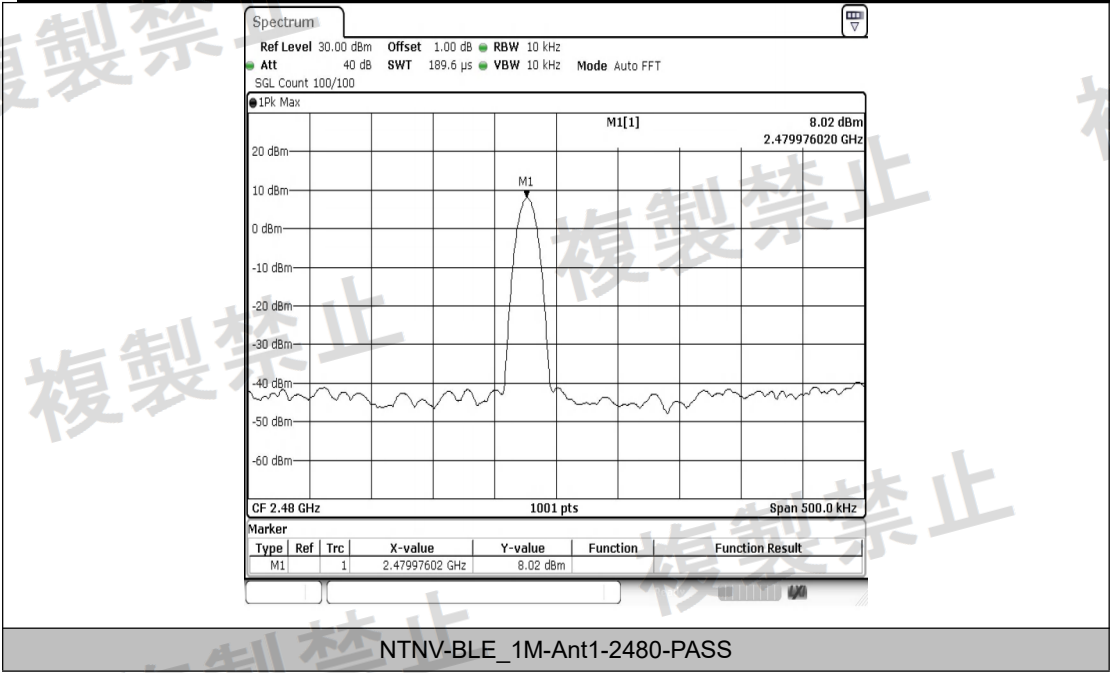


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Appendix B: Antenna Power

Test Result

Test Condition	TestMode	Antenna	Freq. [MHz]	Result[dBm]	Result[mW]	Limit [mW]	Verdict
NTNV	BLE_1M	Ant1	2402	5.88	3.8726	≤10	PASS
NTNV	BLE_1M	Ant1	2440	7.94	6.2230	≤10	PASS
NTNV	BLE_1M	Ant1	2480	4.83	3.0409	≤10	PASS
NTNV	BLE_2M	Ant1	2402	6.00	3.9811	≤10	PASS
NTNV	BLE_2M	Ant1	2440	8.29	6.7453	≤10	PASS
NTNV	BLE_2M	Ant1	2480	5.19	3.3037	≤10	PASS

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

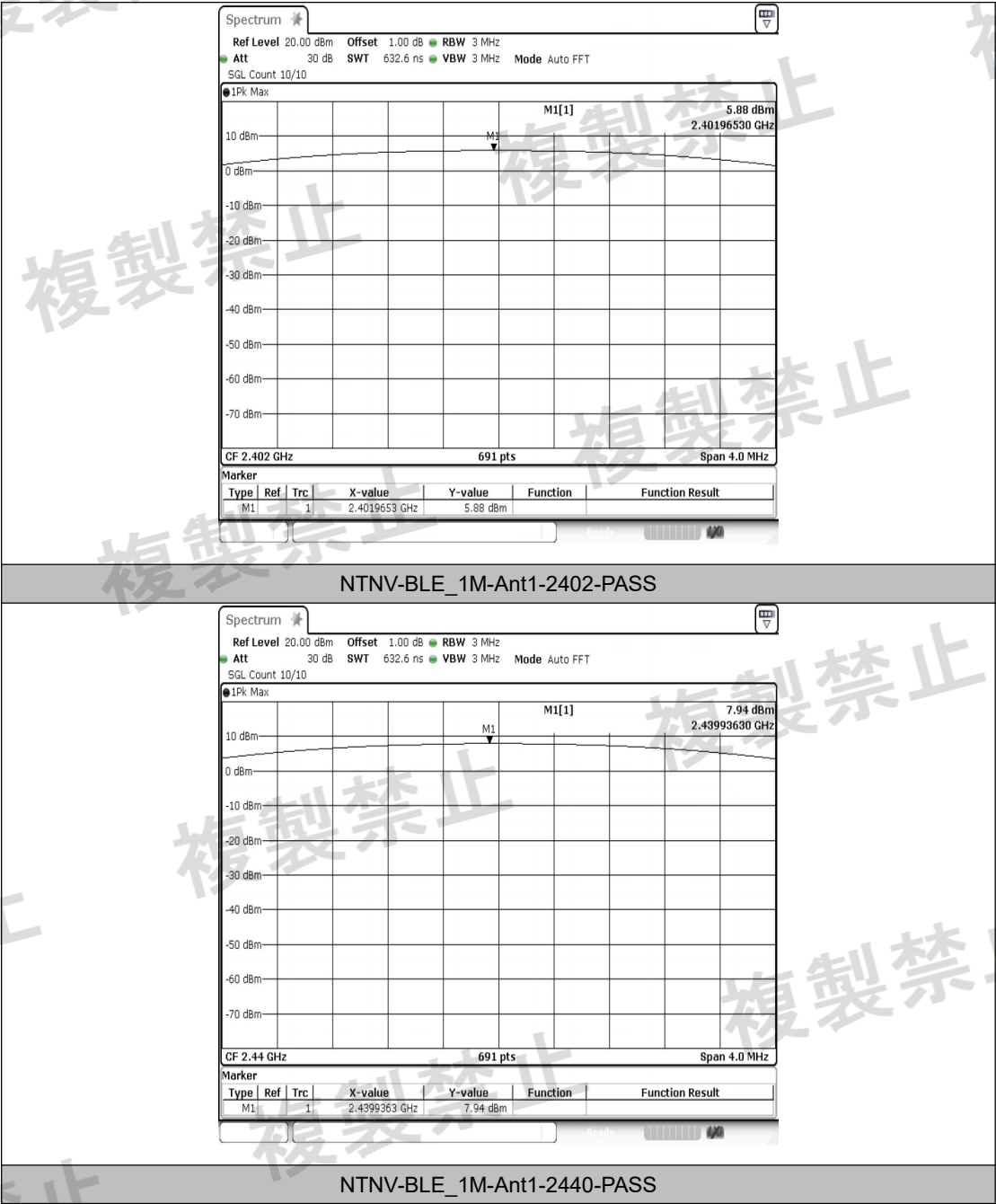
Test Condition	Test Mode	Antenna	Freq. [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit(%)	Verdict
NTNV	BLE_1M	Ant1	2402	3.8726	7	-44.68	+20	PASS
NTNV	BLE_1M	Ant1	2440	6.2230	7	-11.10	+20	PASS
NTNV	BLE_1M	Ant1	2480	3.0409	7	-56.56	+20	PASS
NTNV	BLE_2M	Ant1	2402	3.9811	7	-43.13	+20	PASS
NTNV	BLE_2M	Ant1	2440	6.7453	7	-3.64	+20	PASS
NTNV	BLE_2M	Ant1	2480	3.3037	7	-52.80	+20	PASS

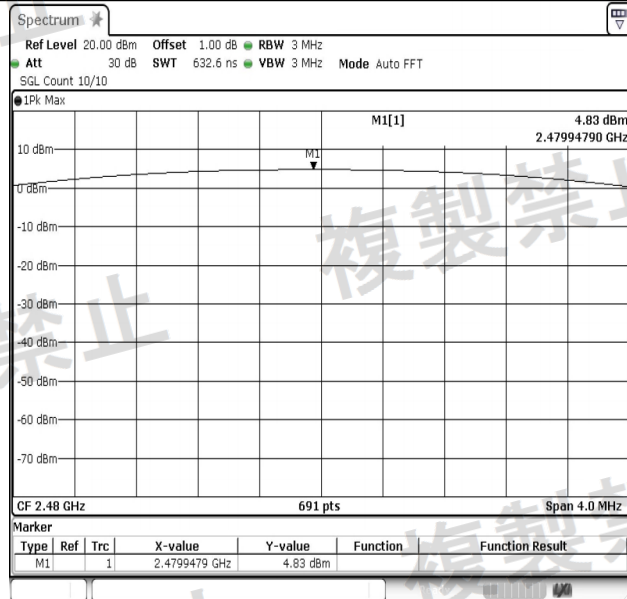
Test Condition	Test Mode	Antenna	Freq. [MHz]	Result [dBm]	Gain[dBi]	EIRP [dBm]	Limit [dBm]	Verdict
NTNV	BLE_1M	Ant1	2402	5.88	3.26	9.14	≤12.14	PASS
NTNV	BLE_1M	Ant1	2440	7.94	3.26	11.2	≤12.14	PASS
NTNV	BLE_1M	Ant1	2480	4.83	3.26	8.09	≤12.14	PASS
NTNV	BLE_2M	Ant1	2402	6.00	3.26	9.26	≤12.14	PASS
NTNV	BLE_2M	Ant1	2440	8.29	3.26	11.55	≤12.14	PASS
NTNV	BLE_2M	Ant1	2480	5.19	3.26	8.45	≤12.14	PASS

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

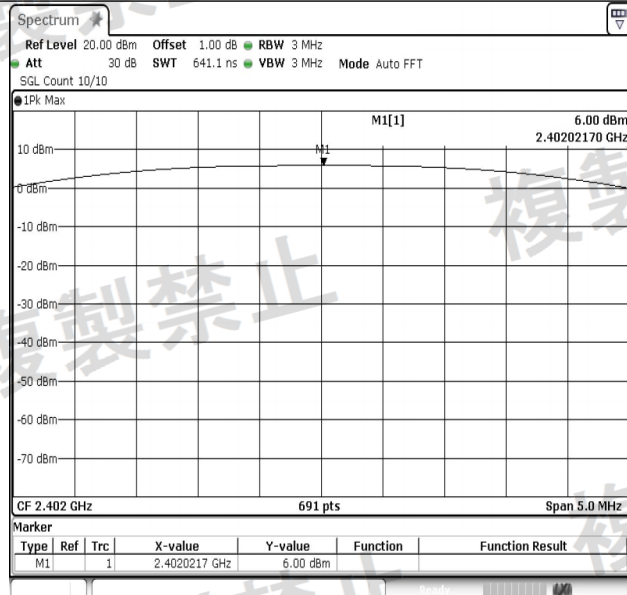


Test Graphs



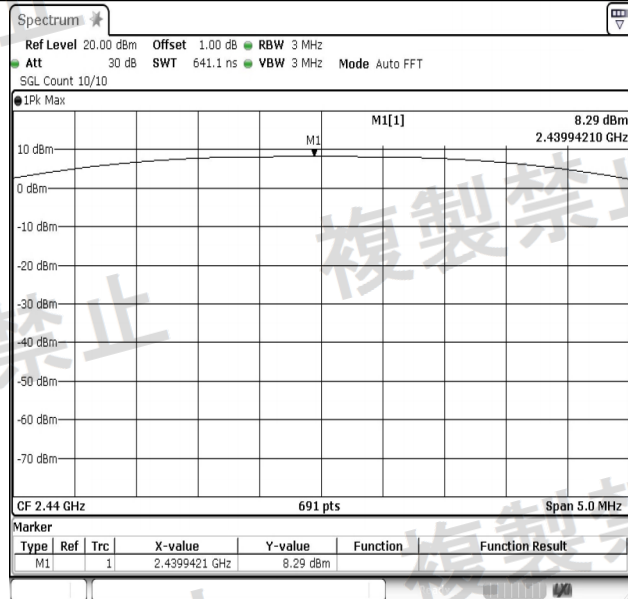


NTNV-BLE_1M-Ant1-2480-PASS

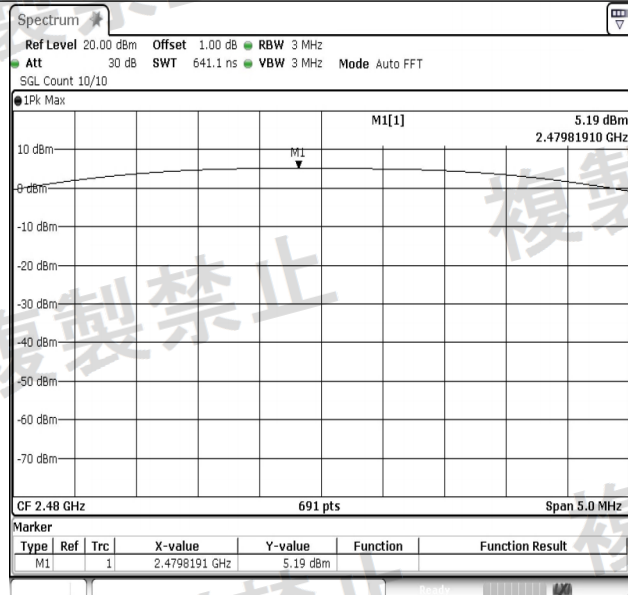


NTNV-BLE_2M-Ant1-2402-PASS





NTNV-BLE_2M-Ant1-2440-PASS



NTNV-BLE_2M-Ant1-2480-PASS



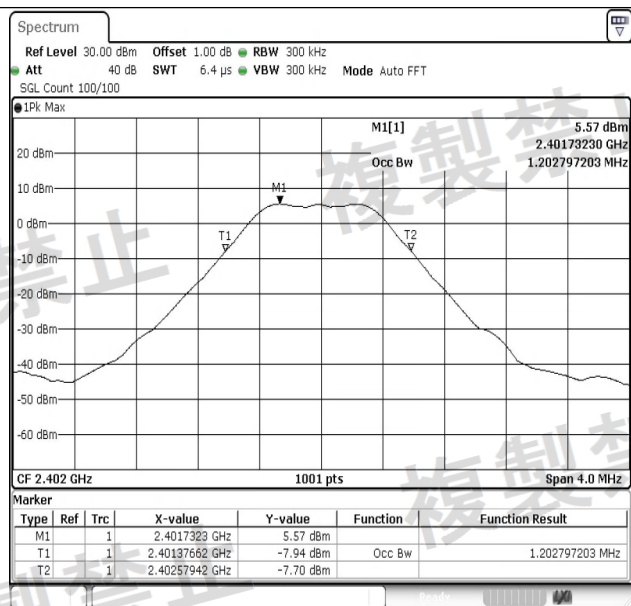
Appendix C: Occupied Bandwidth

Test Result

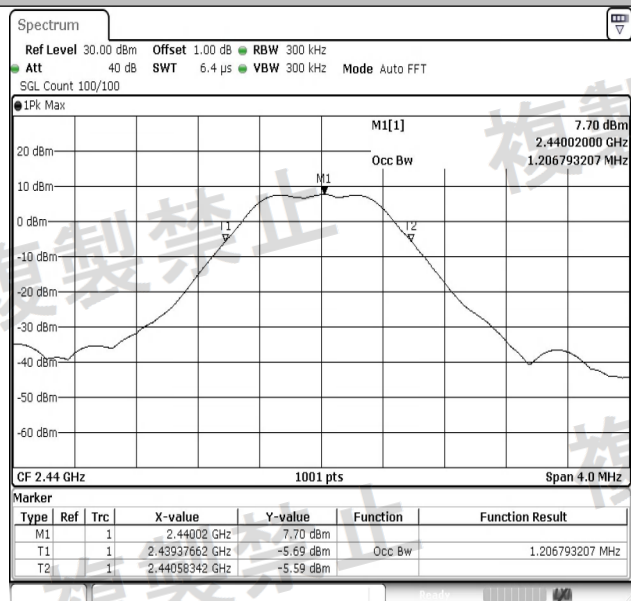
Test Condition	TestMode	Antenna	Freq.[MHz]	Result[MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.203	≤26	PASS
NTNV	BLE_1M	Ant1	2440	1.207	≤26	PASS
NTNV	BLE_1M	Ant1	2480	1.207	≤26	PASS
NTNV	BLE_2M	Ant1	2402	2.118	≤26	PASS
NTNV	BLE_2M	Ant1	2440	2.126	≤26	PASS
NTNV	BLE_2M	Ant1	2480	2.090	≤26	PASS



Test Graphs

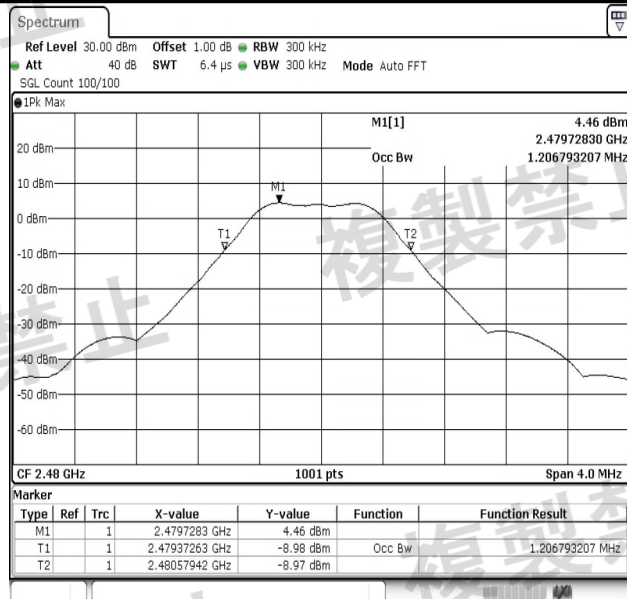


NTNV-BLE_1M-Ant1-2402-PASS

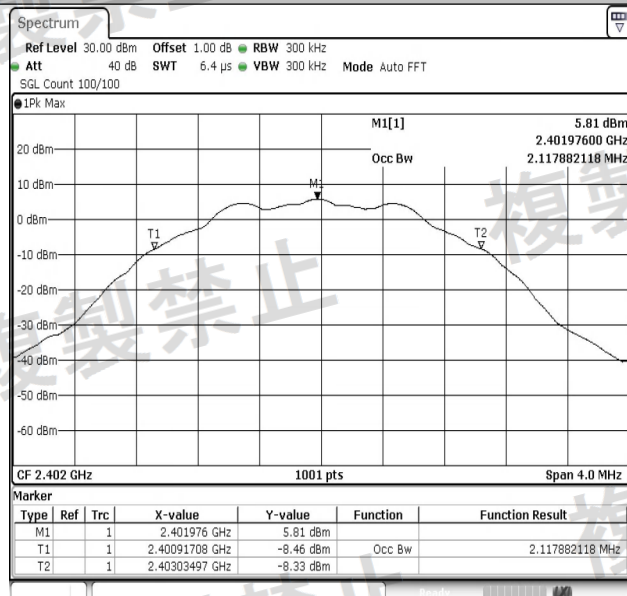


NTNV-BLE_1M-Ant1-2440-PASS



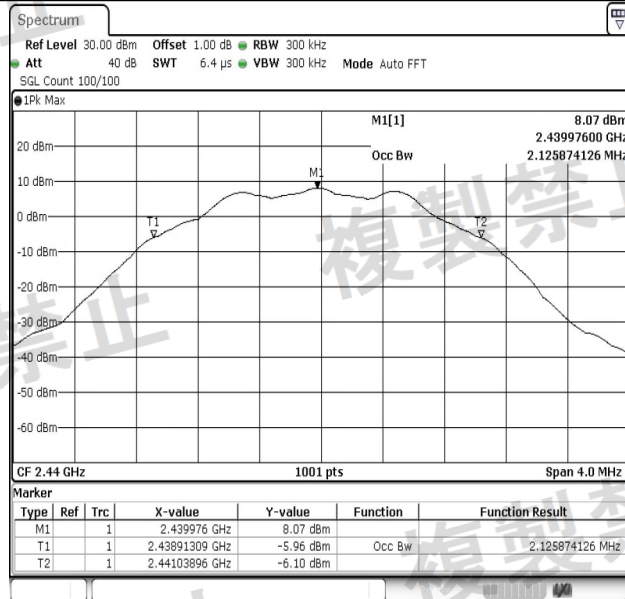


NTNV-BLE_1M-Ant1-2480-PASS

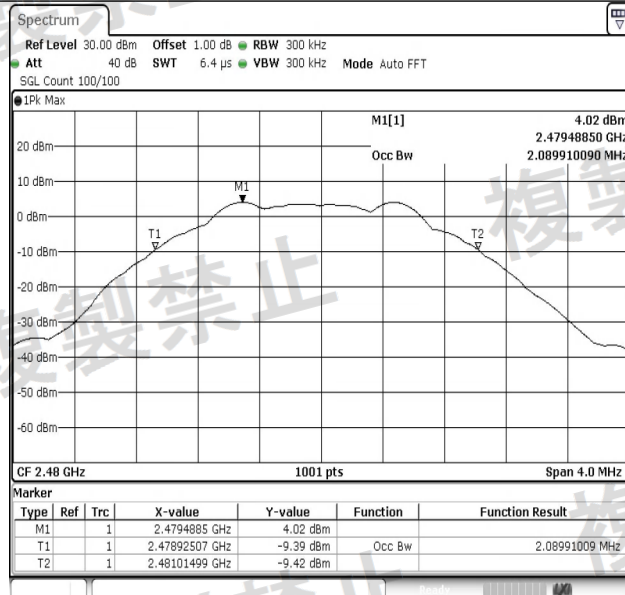


NTNV-BLE_2M-Ant1-2402-PASS





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 [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	826.86	-49.02	≤ -26	0.01253	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	1000~2387	2172.36	-48.85	≤ -26	0.01303	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2402	2387~2400	2400.00	-28.01	≤ -16	1.58125	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2483.5~2496.5	2493.05	-38.24	≤ -16	0.14997	≤ 25	PASS
NTNV	BLE_1M	Ant1	2402	2496.5~13000	6976.24	-44.50	≤ -26	0.03548	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	921.19	-50.01	≤ -26	0.00998	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	1000~2387	2327.71	-49.18	≤ -26	0.01208	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2440	2387~2400	2388.95	-39.08	≤ -16	0.12359	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2483.5~2496.5	2492.37	-38.42	≤ -16	0.14388	≤ 25	PASS
NTNV	BLE_1M	Ant1	2440	2496.5~13000	5758.36	-43.74	≤ -26	0.04227	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	715.31	-50.20	≤ -26	0.00955	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	1000~2387	2327.01	-48.40	≤ -26	0.01445	≤ 2.5	PASS
NTNV	BLE_1M	Ant1	2480	2387~2400	2389.26	-38.25	≤ -16	0.14962	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2483.5~2496.5	2491.33	-37.90	≤ -16	0.16218	≤ 25	PASS
NTNV	BLE_1M	Ant1	2480	2496.5~13000	6186.38	-45.14	≤ -26	0.03062	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	948.59	-50.02	≤ -26	0.00995	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2402	1000~2387	1566.94	-49.28	≤ -26	0.01180	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2402	2387~2400	2389.86	-38.74	≤ -16	0.13366	≤ 25	PASS
NTNV	BLE_2M	Ant1	2402	2483.5~2496.5	2493.67	-38.29	≤ -16	0.14825	≤ 25	PASS
NTNV	BLE_2M	Ant1	2402	2496.5~13000	6898.52	-44.40	≤ -26	0.03631	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	817.16	-50.22	≤ -26	0.00951	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2440	1000~2387	1953.22	-48.84	≤ -26	0.01306	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2440	2387~2400	2392.86	-38.18	≤ -16	0.15205	≤ 25	PASS
NTNV	BLE_2M	Ant1	2440	2483.5~2496.5	2490.86	-38.53	≤ -16	0.14028	≤ 25	PASS
NTNV	BLE_2M	Ant1	2440	2496.5~13000	6963.11	-44.80	≤ -26	0.03311	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	827.58	-12.71	≤ -26	53.5796 7	≤ 2.5	See table below
NTNV	BLE_2M	Ant1	2480	1000~2387	1937.96	-49.28	≤ -26	0.01180	≤ 2.5	PASS
NTNV	BLE_2M	Ant1	2480	2387~2400	2387.89	-38.52	≤ -16	0.14060	≤ 25	PASS
NTNV	BLE_2M	Ant1	2480	2483.5~2496.5	2485.40	-37.66	≤ -16	0.17140	≤ 25	PASS
NTNV	BLE_2M	Ant1	2480	2496.5~13000	6958.91	-44.71	≤ -26	0.03381	≤ 2.5	PASS



Test Result_Step2

Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2480	827.58	-29.09	≤-26	1.23310	≤2.5	PASS

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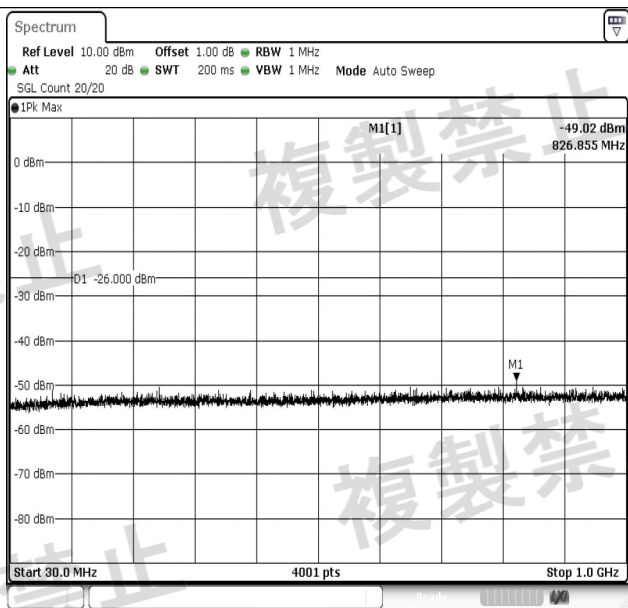
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel:(86)0755-26066440 Email:service@anbotek.com



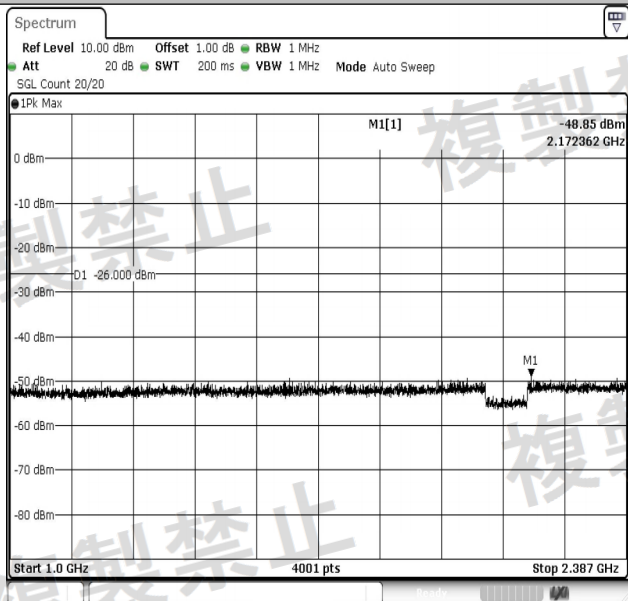
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Test Graphs

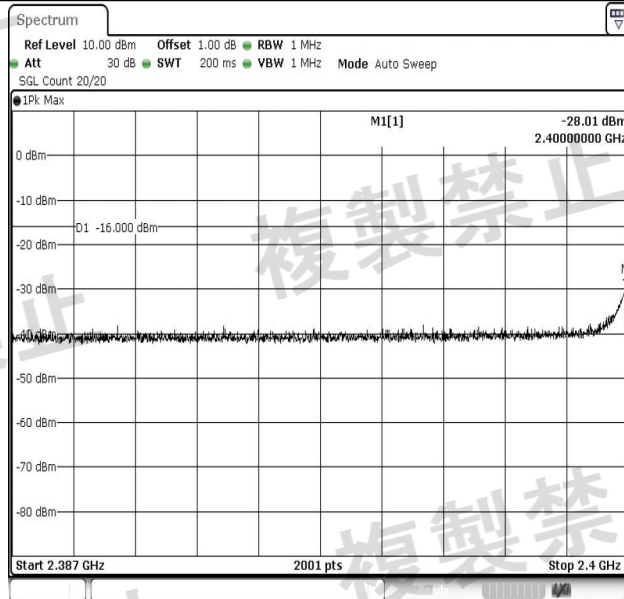


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

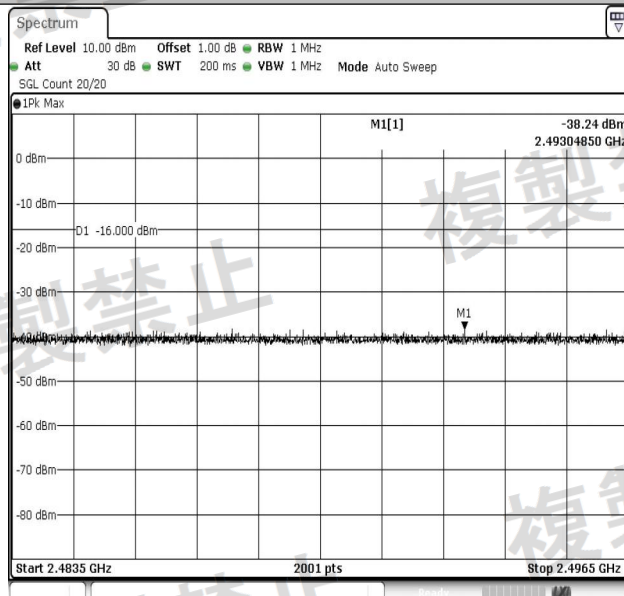


NTNV-BLE_1M-Ant1-2402-1000~2387-PASS



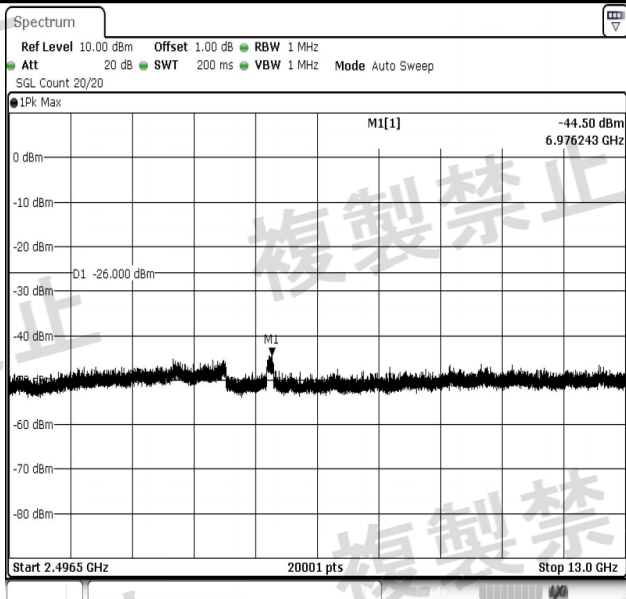


NTNV-BLE_1M-Ant1-2402-2387~2400-PASS

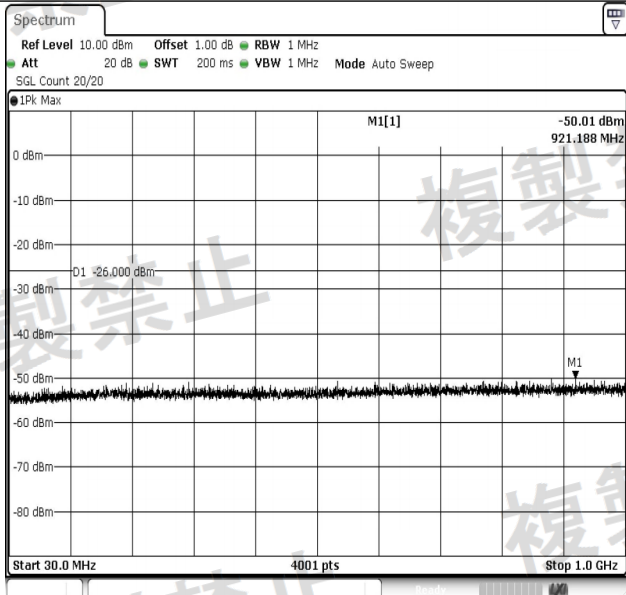


NTNV-BLE_1M-Ant1-2402-2483.5~2496.5-PASS



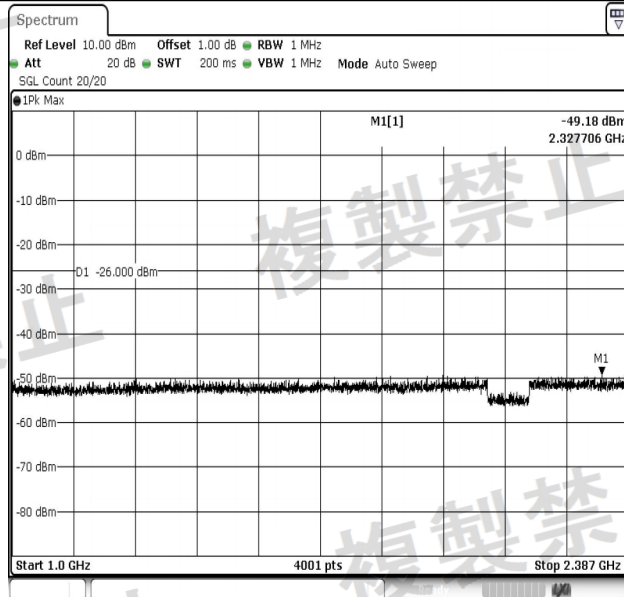


NTNV-BLE_1M-Ant1-2402-2496.5~13000-PASS

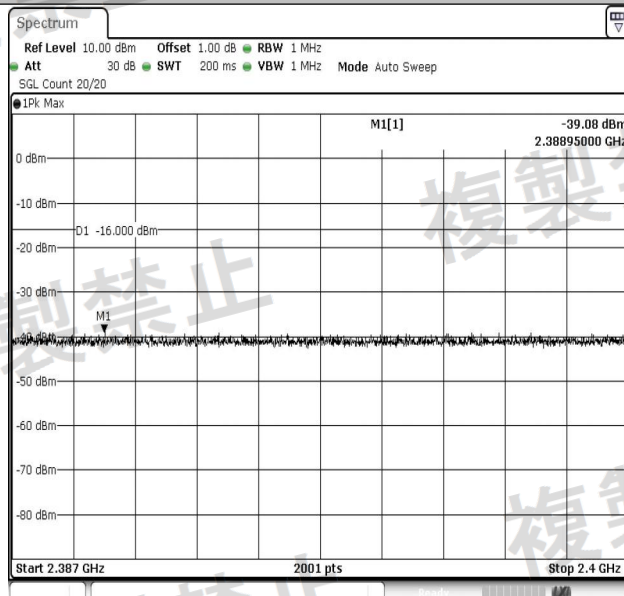


NTNV-BLE_1M-Ant1-2440-30~1000-PASS



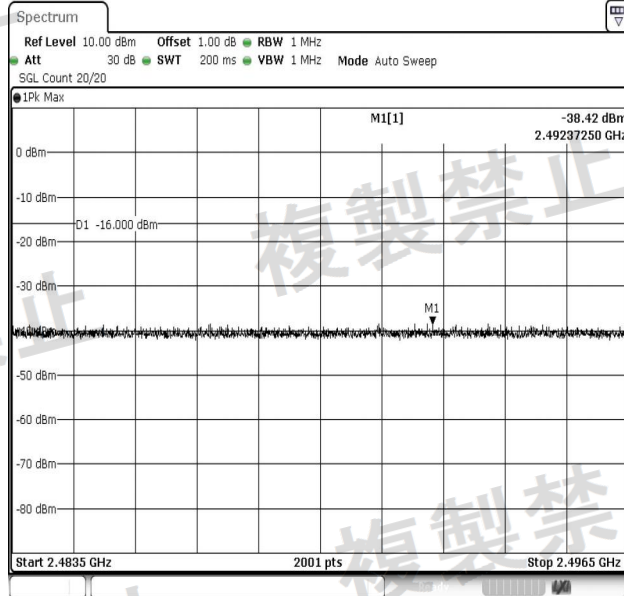


NTNV-BLE_1M-Ant1-2440-1000~2387-PASS

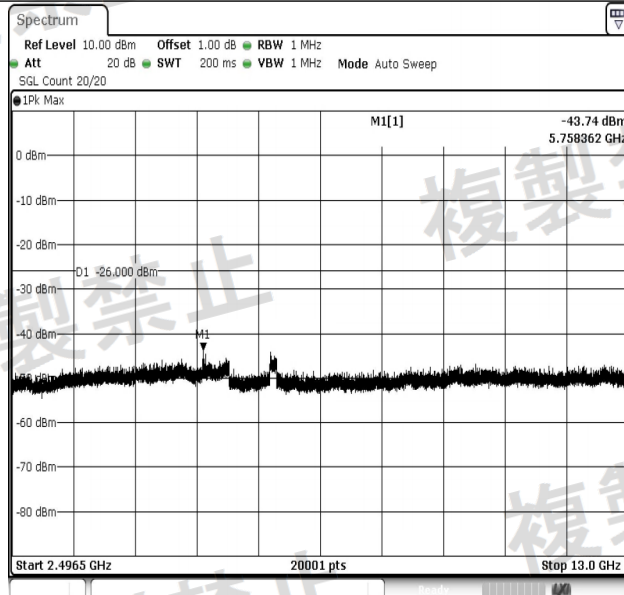


NTNV-BLE_1M-Ant1-2440-2387~2400-PASS



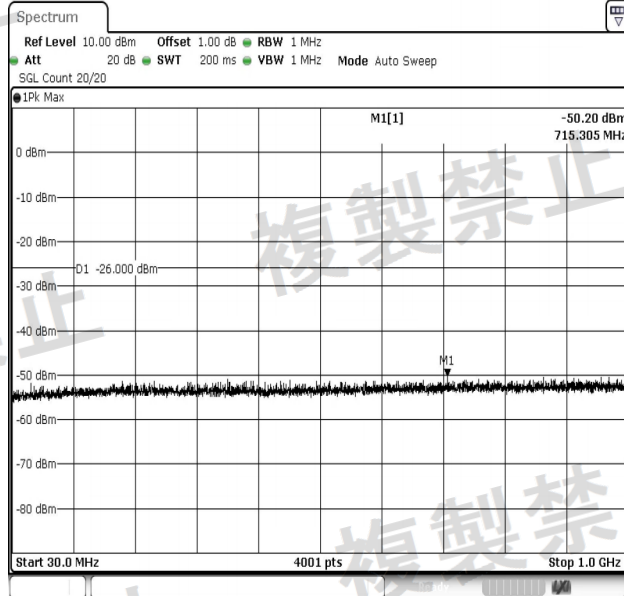


NTNV-BLE_1M-Ant1-2440-2483.5~2496.5-PASS

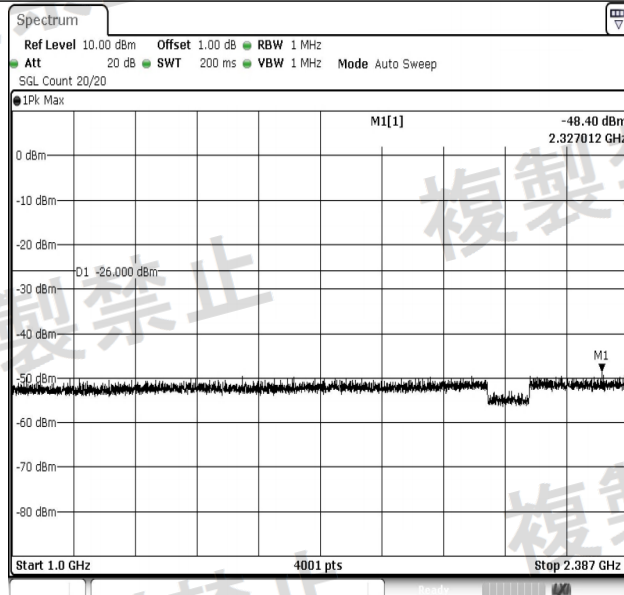


NTNV-BLE_1M-Ant1-2440-2496.5~13000-PASS



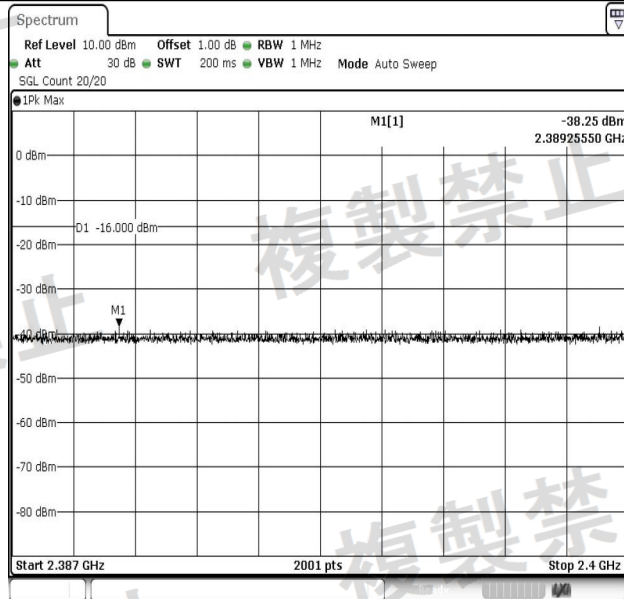


NTNV-BLE_1M-Ant1-2480-30~1000-PASS

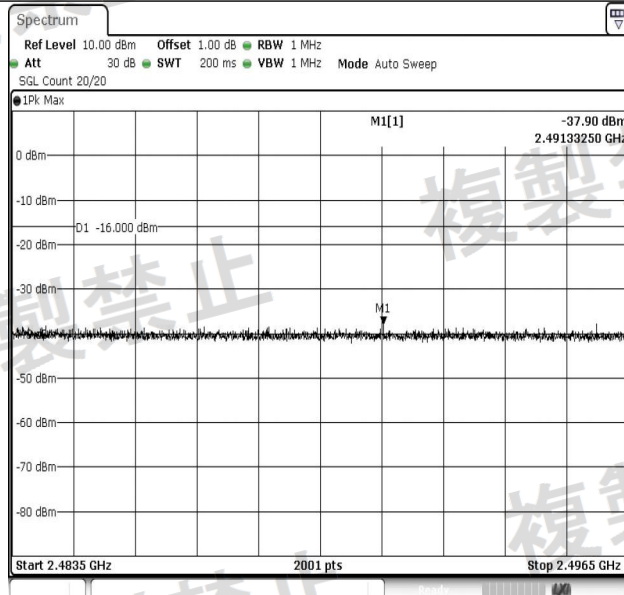


NTNV-BLE_1M-Ant1-2480-1000~2387-PASS



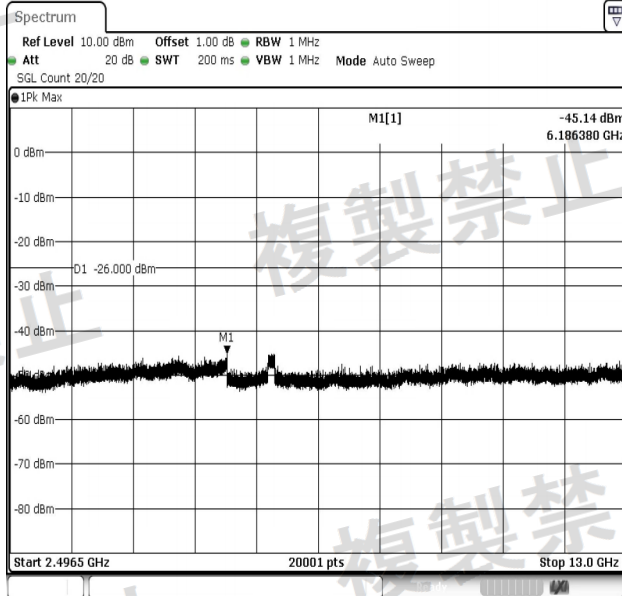


NTNV-BLE_1M-Ant1-2480-2387~2400-PASS

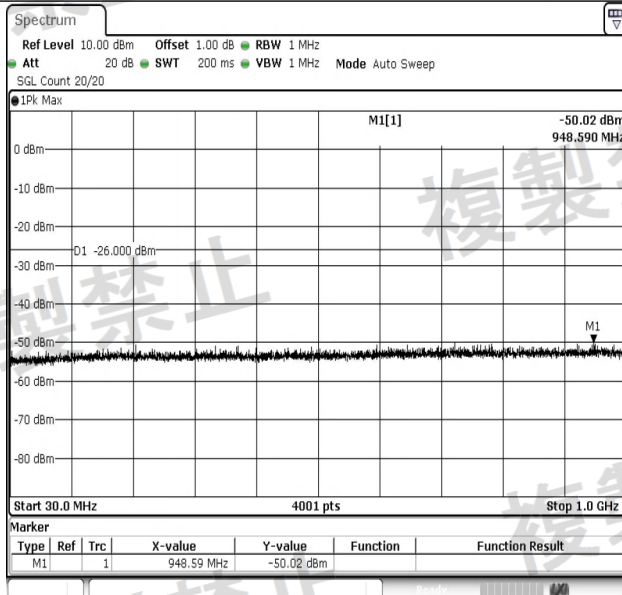


NTNV-BLE_1M-Ant1-2480-2483.5~2496.5-PASS



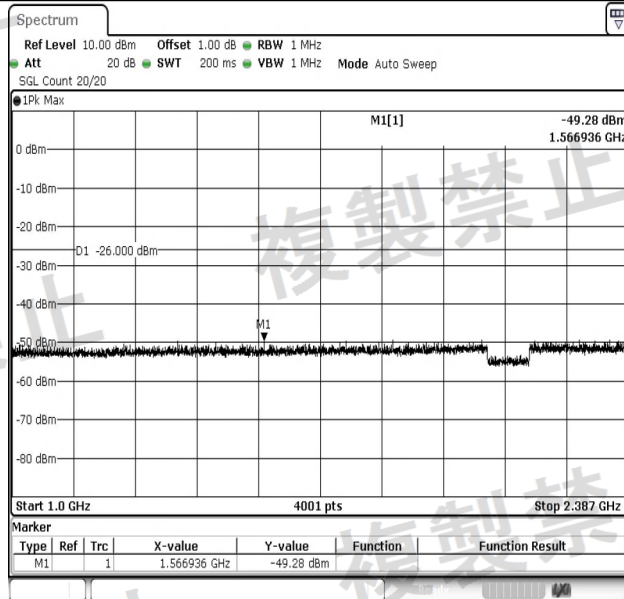


NTNV-BLE_1M-Ant1-2480-2496.5~13000-PASS

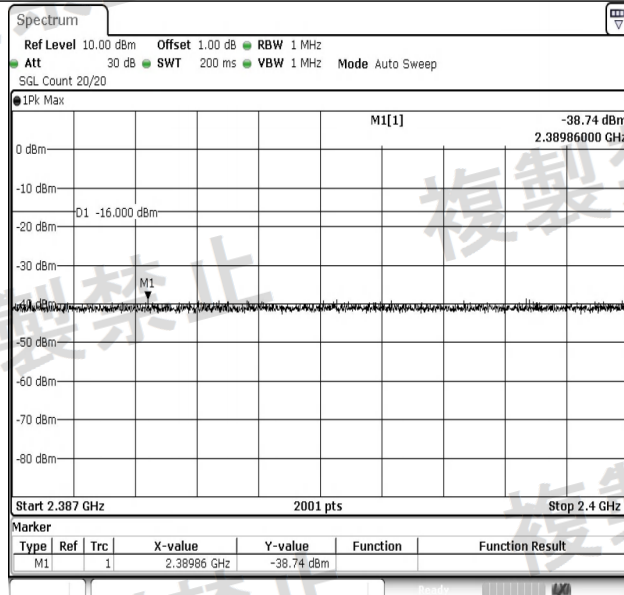


NTNV-BLE_2M-Ant1-2402-30~1000-PASS



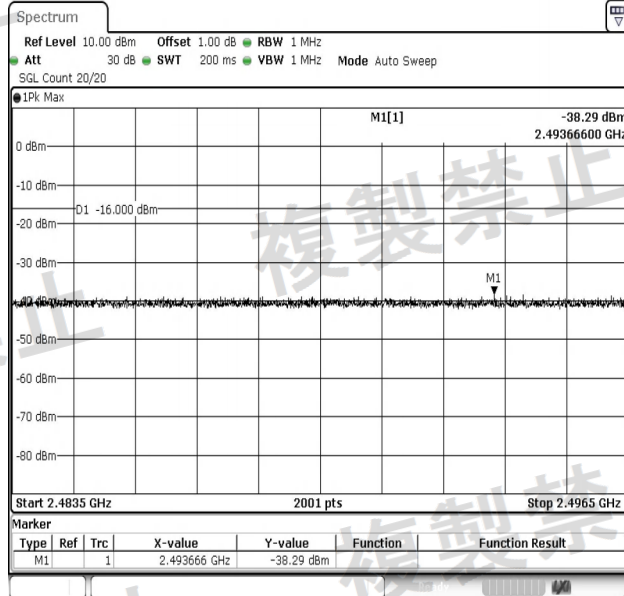


NTNV-BLE_2M-Ant1-2402-1000~2387-PASS

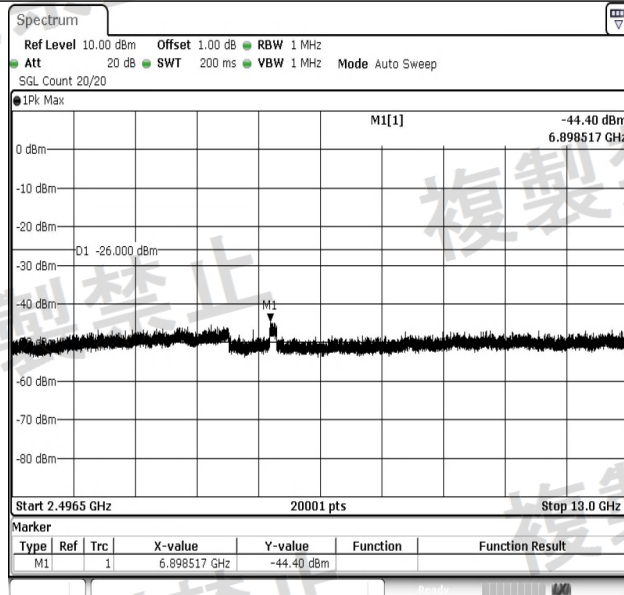


NTNV-BLE_2M-Ant1-2402-2387~2400-PASS



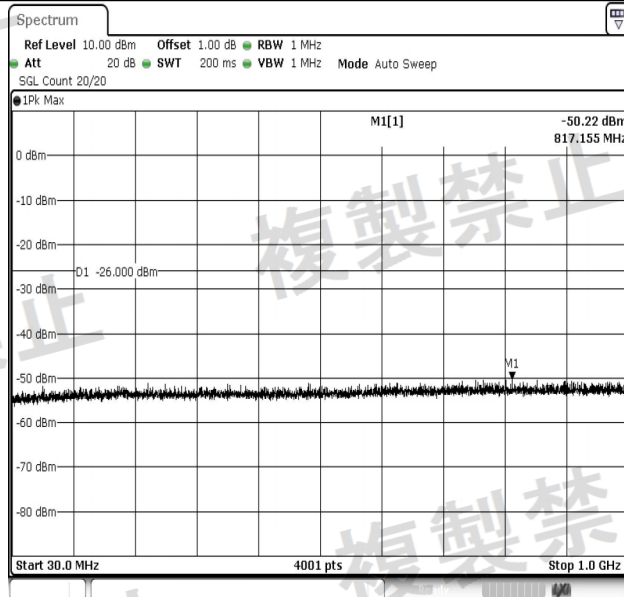


NTNV-BLE_2M-Ant1-2402-2483.5~2496.5-PASS

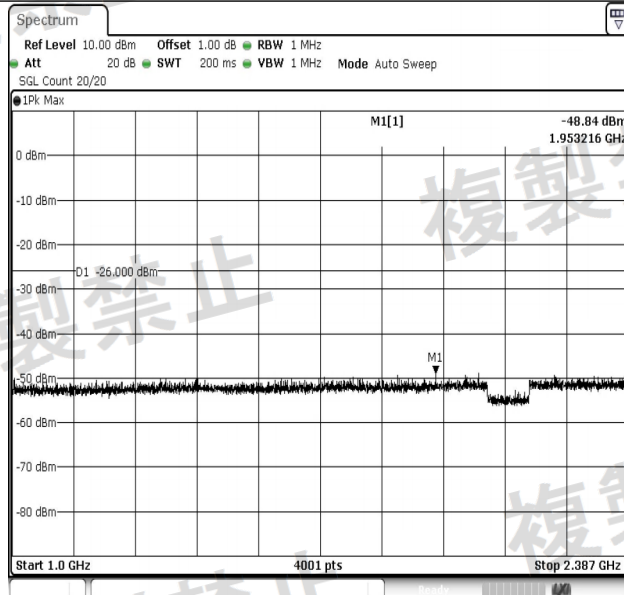


NTNV-BLE_2M-Ant1-2402-2496.5~13000-PASS



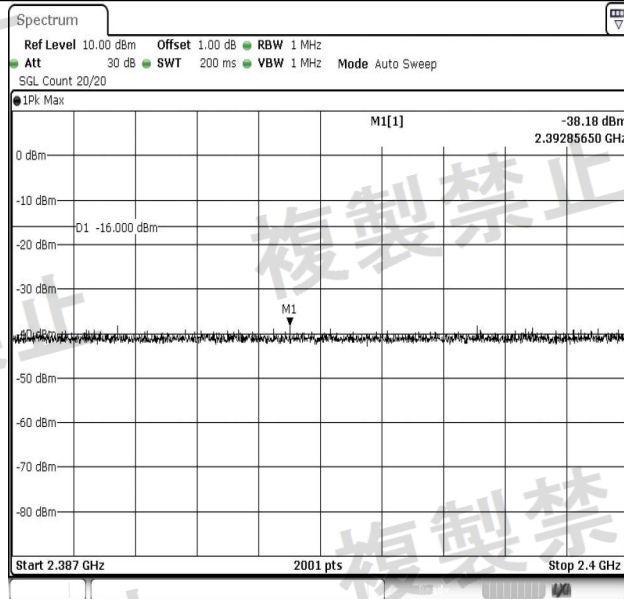


NTNV-BLE_2M-Ant1-2440-30~1000-PASS

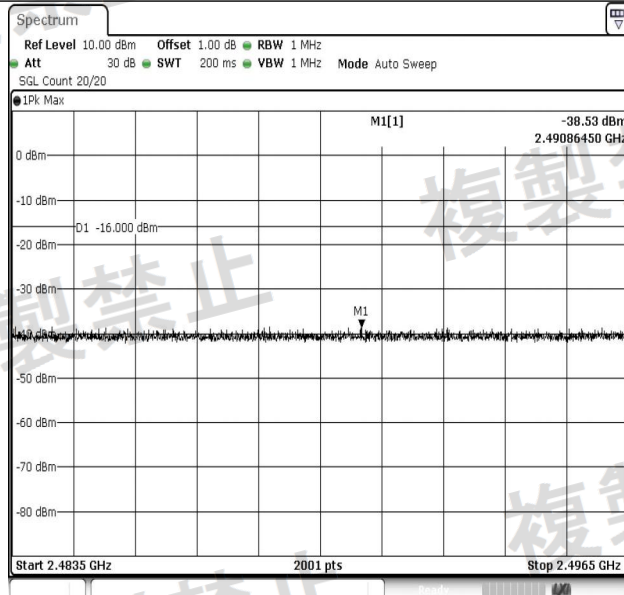


NTNV-BLE_2M-Ant1-2440-1000~2387-PASS



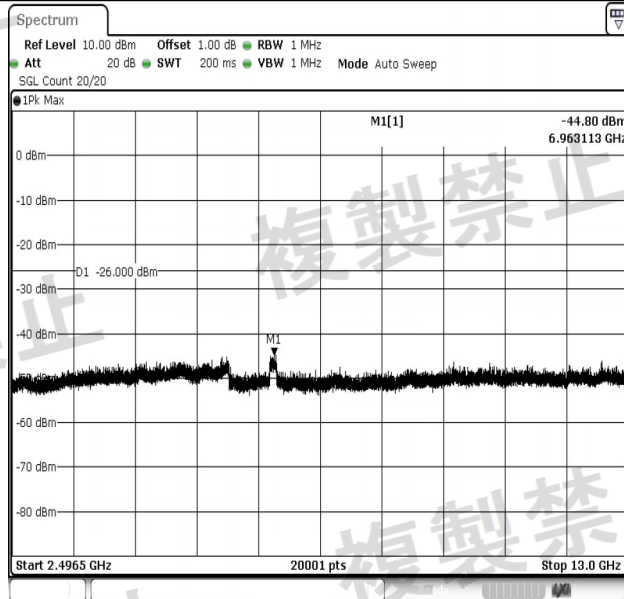


NTNV-BLE_2M-Ant1-2440-2387~2400-PASS

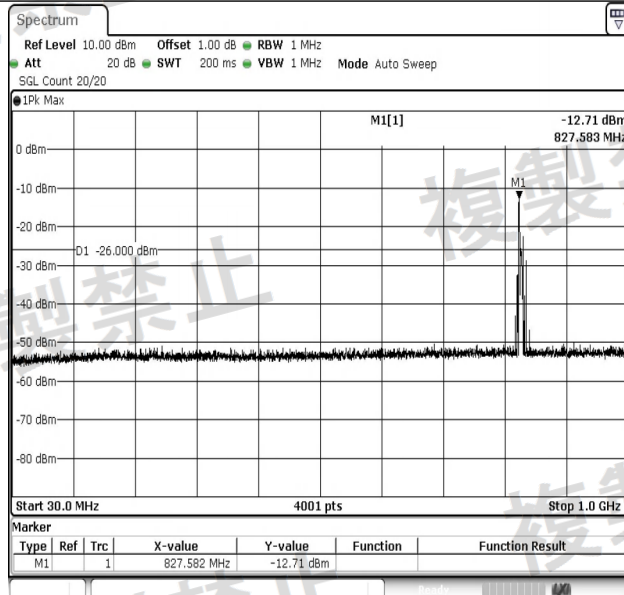


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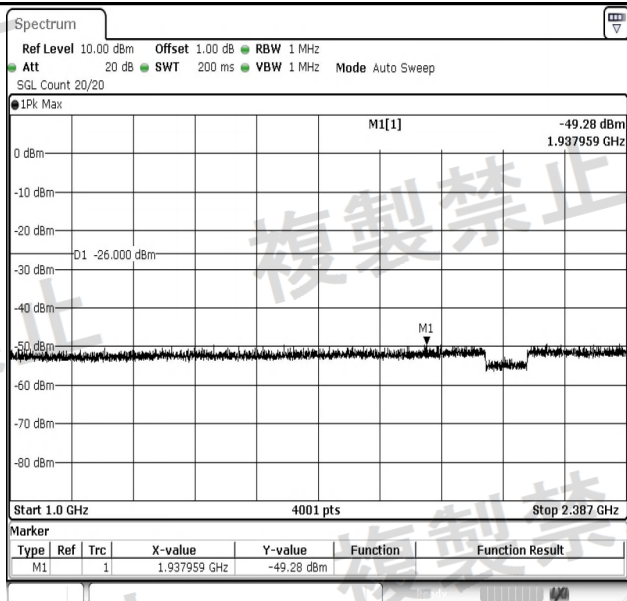


NTNV-BLE_2M-Ant1-2440-2496.5~13000-PASS

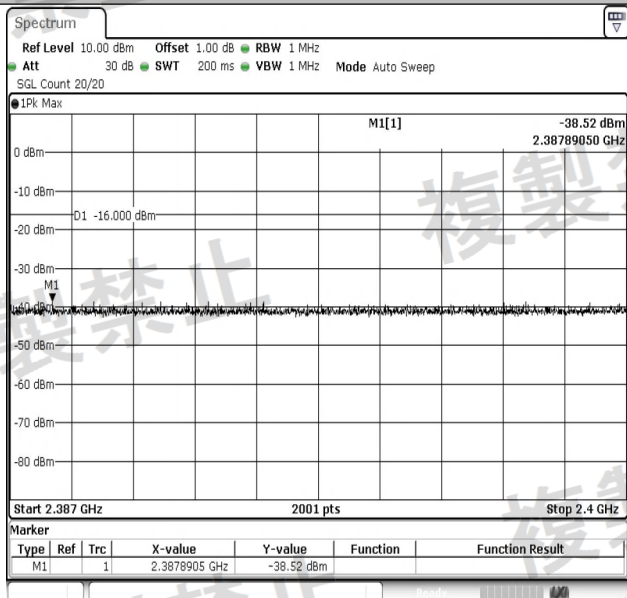


NTNV-BLE_2M-Ant1-2480-30~1000-See table below



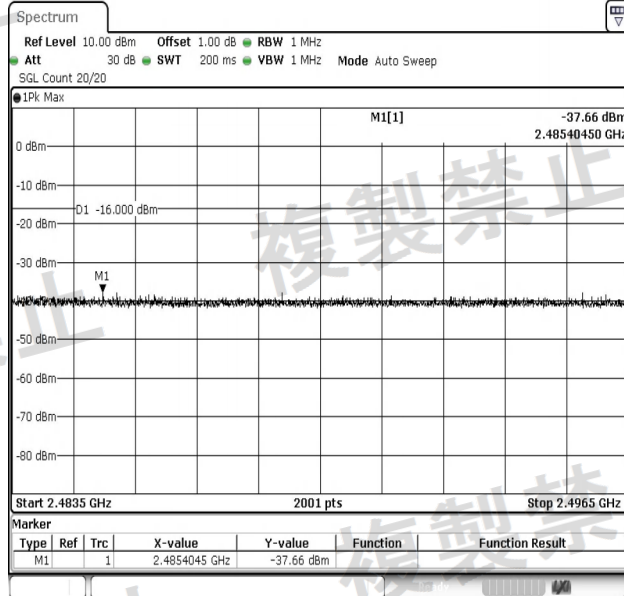


NTNV-BLE_2M-Ant1-2480-1000~2387-PASS

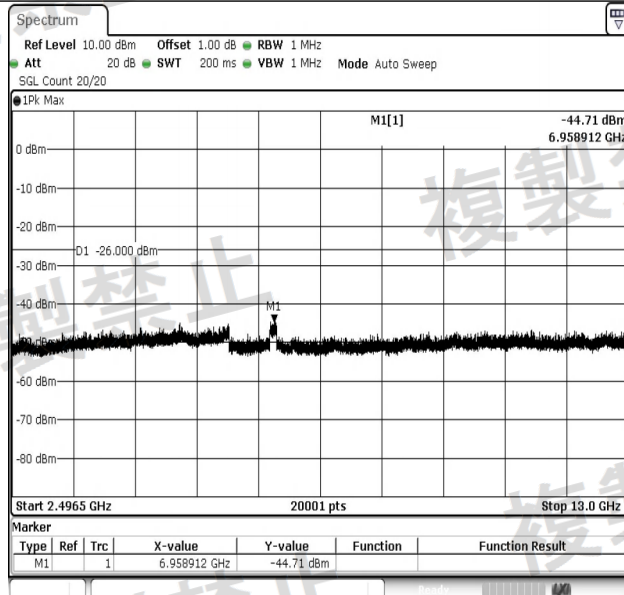


NTNV-BLE_2M-Ant1-2480-2387~2400-PASS





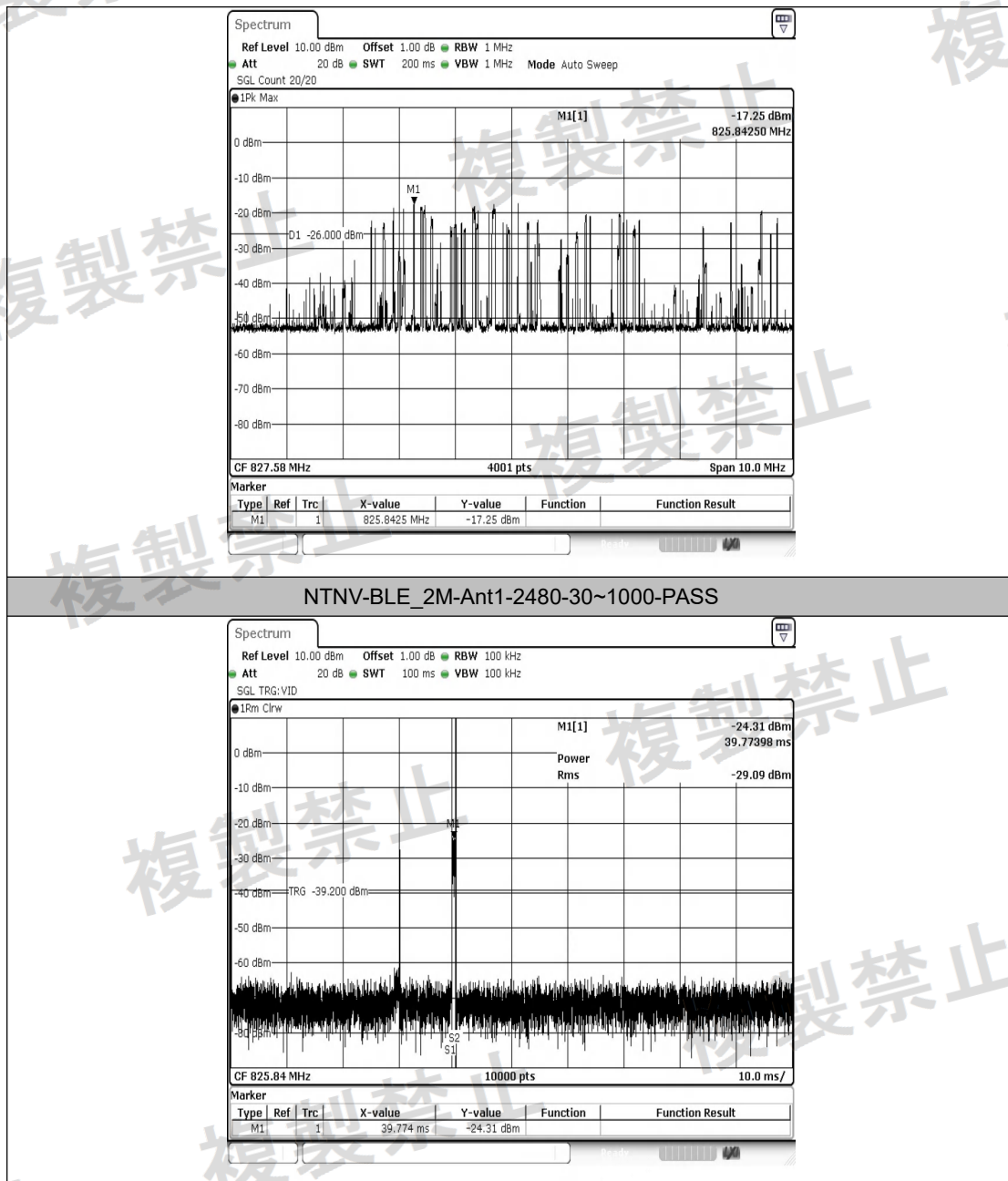
NTNV-BLE_2M-Ant1-2480-2483.5~2496.5-PASS



NTNV-BLE_2M-Ant1-2480-2496.5~13000-PASS



Test Graphs_Step2



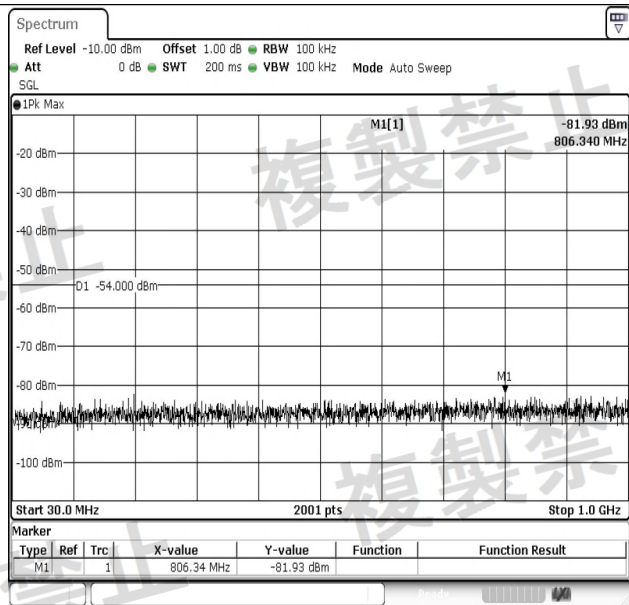
Appendix E: Spurious Emission of RX

Test Result

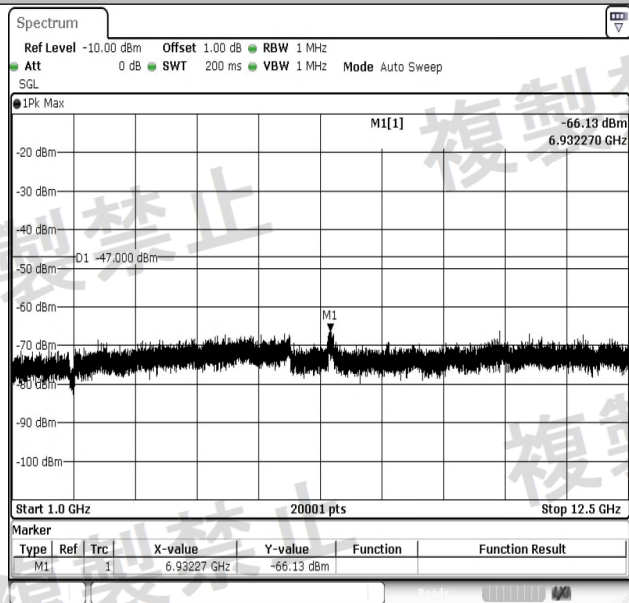
Test Condition	Test Mode	Antenna	Freq. [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	806.34	-81.93	≤-54	0.00641	≤4	PASS
NTNV	BLE_1M	Ant1	2402	1000~12500	6932.27	-66.13	≤-47	0.24378	≤20	PASS
NTNV	BLE_1M	Ant1	2440	30~1000	828.64	-82.33	≤-54	0.00585	≤4	PASS
NTNV	BLE_1M	Ant1	2440	1000~12500	6921.34	-66.55	≤-47	0.22131	≤20	PASS
NTNV	BLE_1M	Ant1	2480	30~1000	639.10	-81.01	≤-54	0.00793	≤4	PASS
NTNV	BLE_1M	Ant1	2480	1000~12500	6184.80	-65.63	≤-47	0.27353	≤20	PASS
NTNV	BLE_2M	Ant1	2402	30~1000	617.77	-82.00	≤-54	0.00631	≤4	PASS
NTNV	BLE_2M	Ant1	2402	1000~12500	6891.44	-66.49	≤-47	0.22439	≤20	PASS
NTNV	BLE_2M	Ant1	2440	30~1000	653.64	-81.58	≤-54	0.00695	≤4	PASS
NTNV	BLE_2M	Ant1	2440	1000~12500	6946.07	-66.03	≤-47	0.24946	≤20	PASS
NTNV	BLE_2M	Ant1	2480	30~1000	756.41	-81.73	≤-54	0.00671	≤4	PASS
NTNV	BLE_2M	Ant1	2480	1000~12500	6971.36	-66.20	≤-47	0.23988	≤20	PASS



Test Graphs

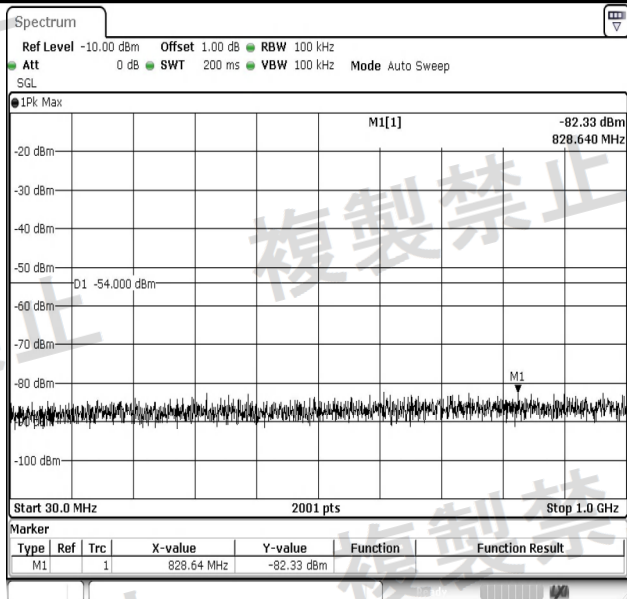


NTNV-BLE_1M-Ant1-2402-30~1000-PASS

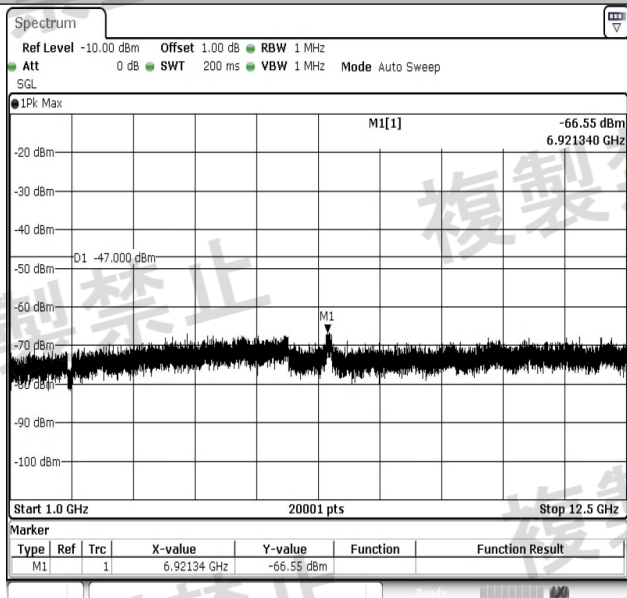


NTNV-BLE_1M-Ant1-2402-1000~12500-PASS



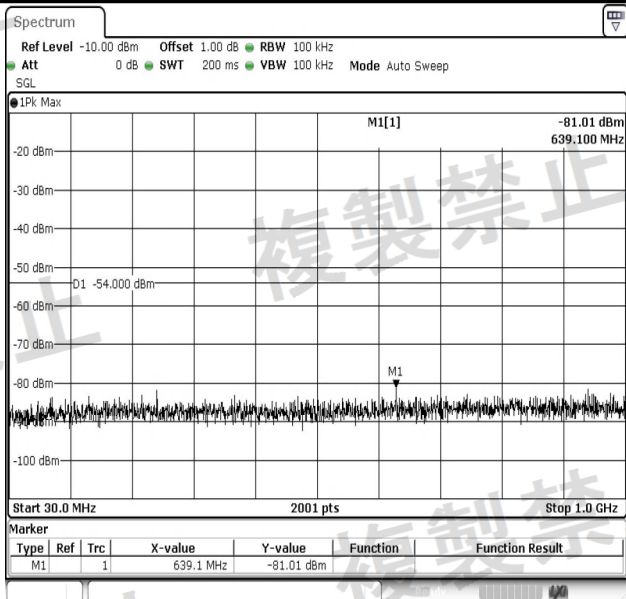


NTNV-BLE_1M-Ant1-2440-30~1000-PASS

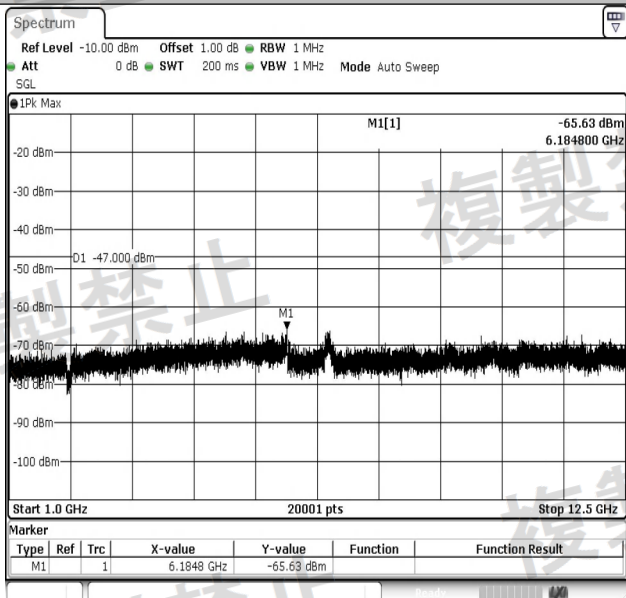


NTNV-BLE_1M-Ant1-2440-1000~12500-PASS



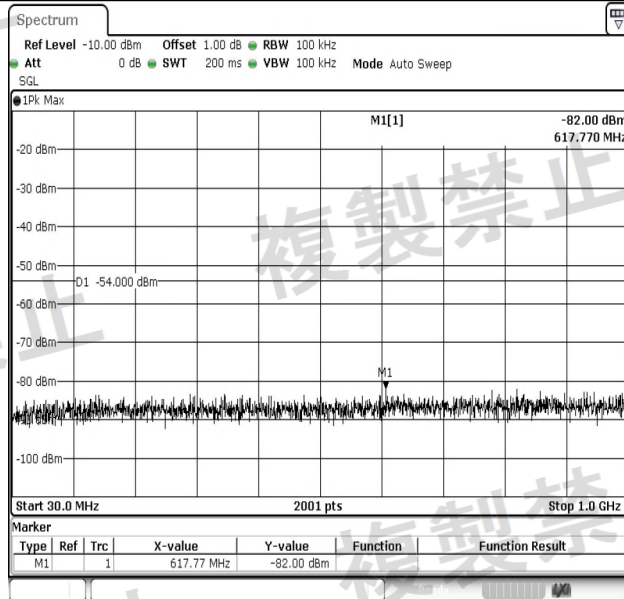


NTNV-BLE_1M-Ant1-2480-30~1000-PASS

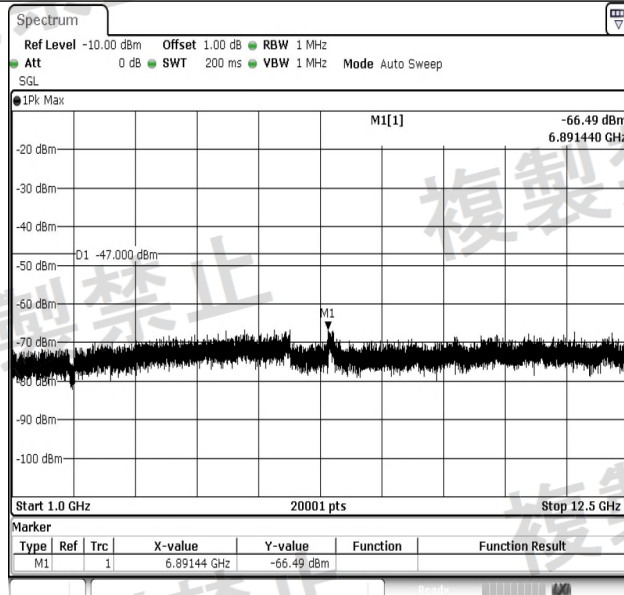


NTNV-BLE_1M-Ant1-2480-1000~12500-PASS



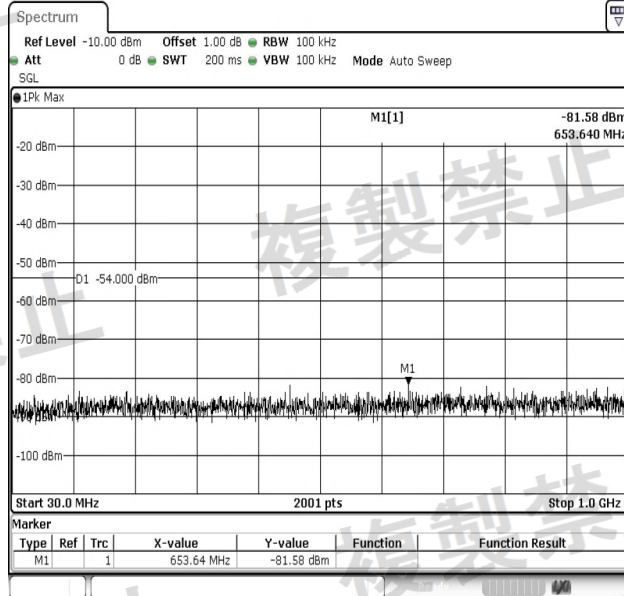


NTNV-BLE_2M-Ant1-2402-30~1000-PASS

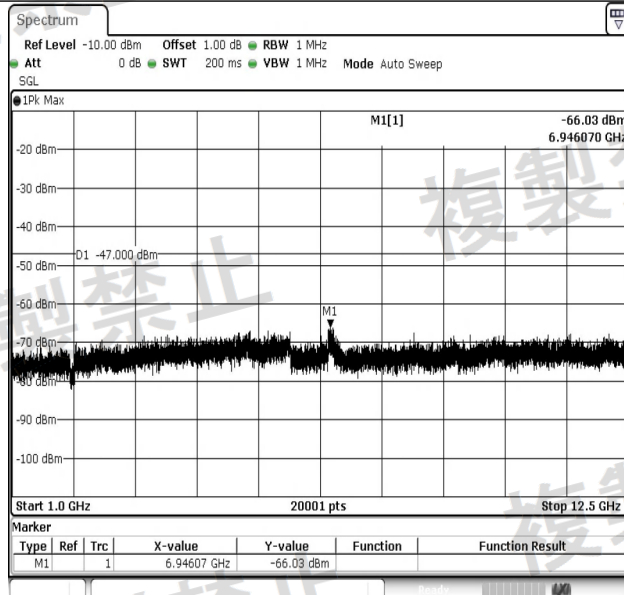


NTNV-BLE_2M-Ant1-2402-1000~12500-PASS



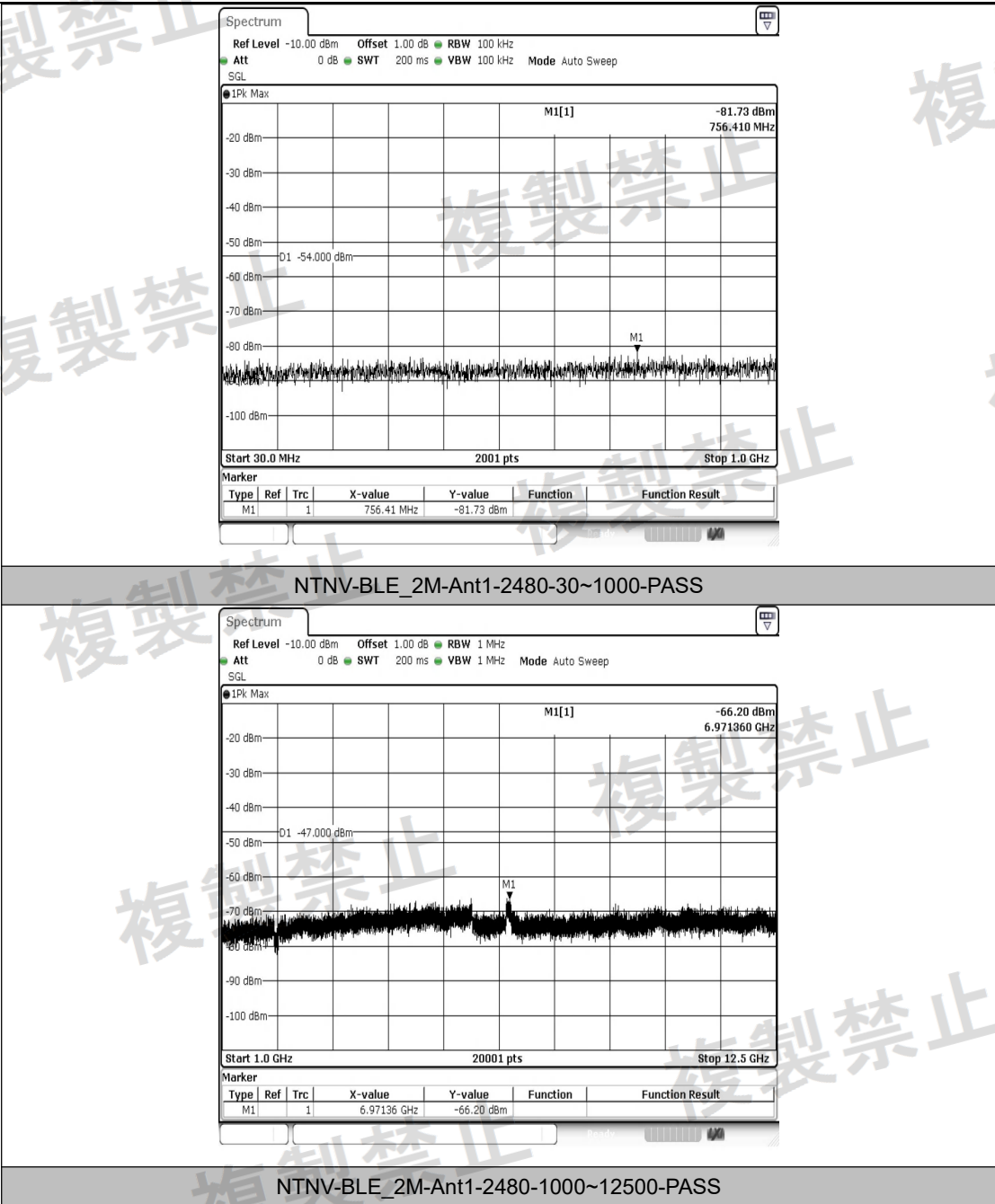


NTNV-BLE_2M-Ant1-2440-30~1000-PASS



NTNV-BLE_2M-Ant1-2440-1000~12500-PASS





---end---

