

Appendix Test Data

Report No.:	1812C50556012501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-23	Finish Test Date:	2025-10-31
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	25.9°C	Relative Humidity:	51%
Pressure:	101kPa		

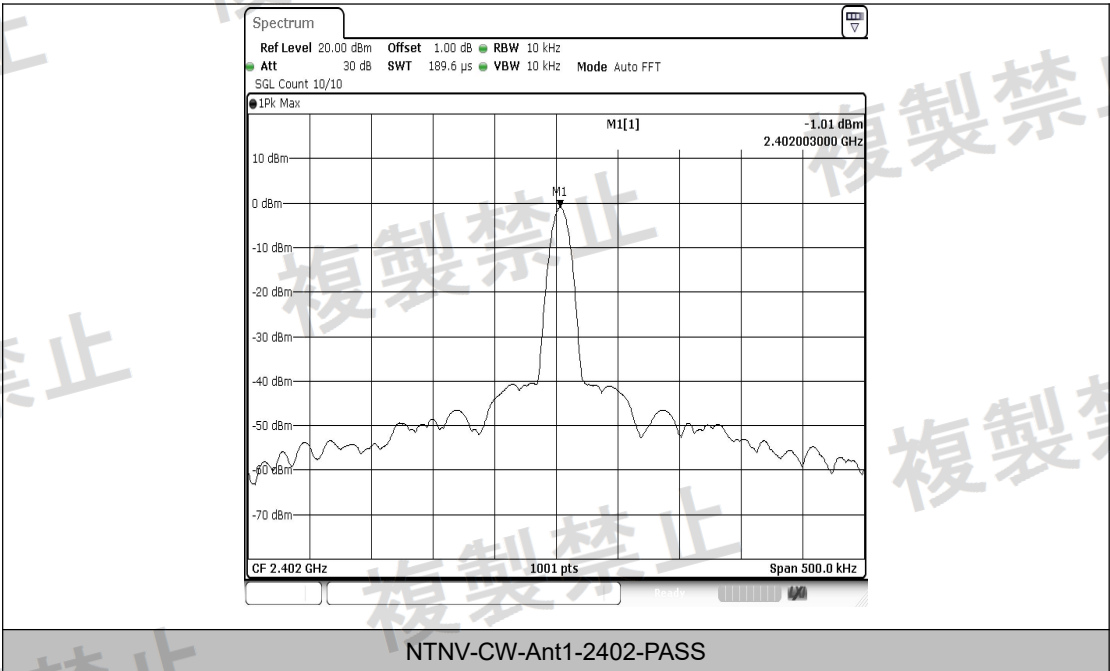
Appendix A: Frequency_Error

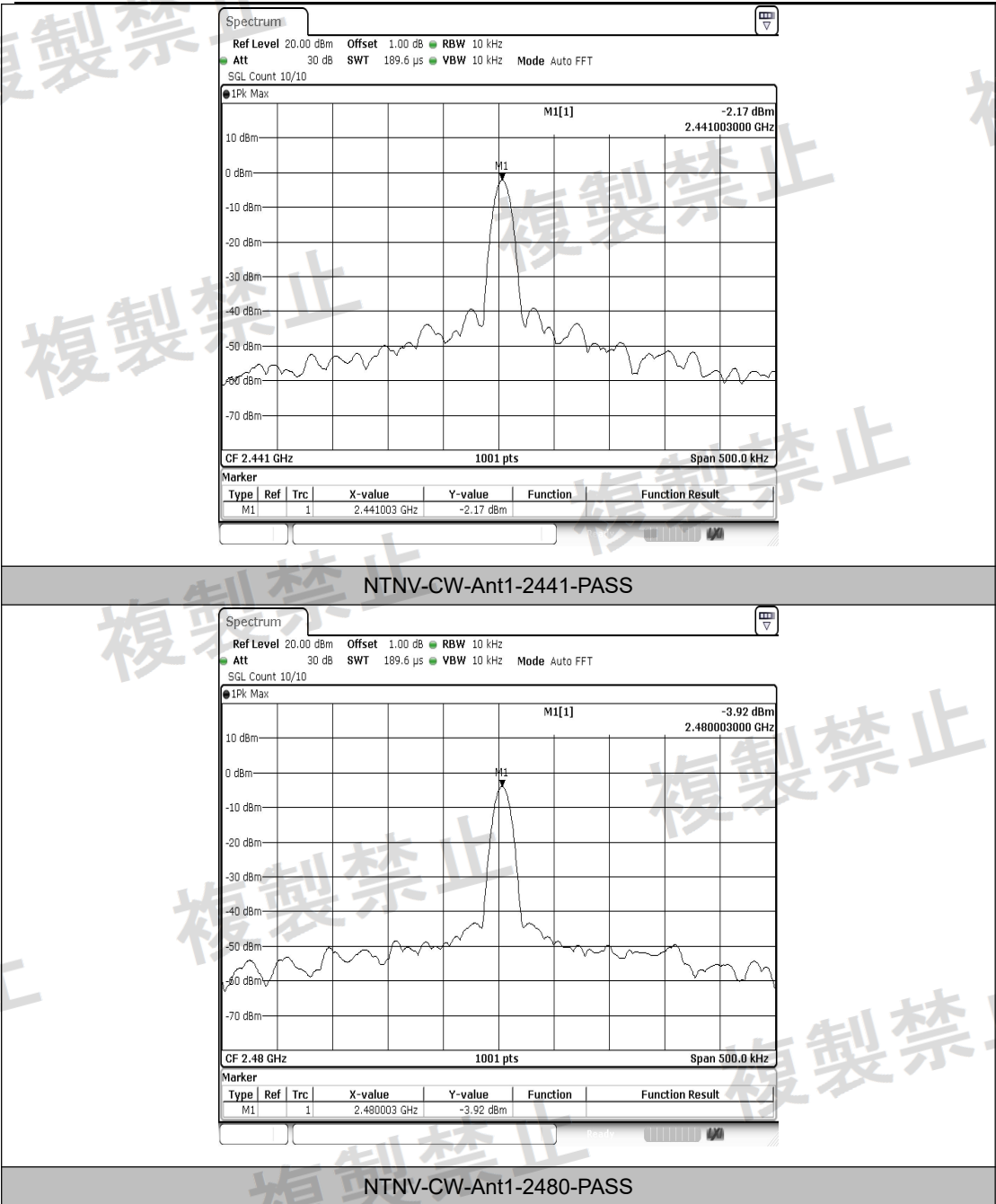
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Center Freq. [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2402.003	1.24896	±50	PASS
NTNV	CW	Ant1	2441	2441.003	1.22901	±50	PASS
NTNV	CW	Ant1	2480	2480.003	1.20968	±50	PASS

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

Test Graphs





Appendix B: Antenna Power

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Result (mW)	Spread Bandwidth (MHz)	Result [mW/MHz]	Limit [mW/MHz]	Verdict
NTNV	2.4G	Ant1	Hop	16.68	46.5586	70.929	0.6564	≤3	PASS

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

Test Condition	Test Mode	Antenna	Frequency [MHz]	Power [mW/MHz]	Rated Power [mW/MHz]	Result [%]	Limit [%]	Verdict
NTNV	2.4G	Ant1	Hop	0.6564	1	-34.36	+20	PASS

Test Condition	Test Mode	Antenna	Frequency [MHz]	Power [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
NTNV	2.4G	Ant1	Hop	-1.83	-0.01	≤6.91	PASS

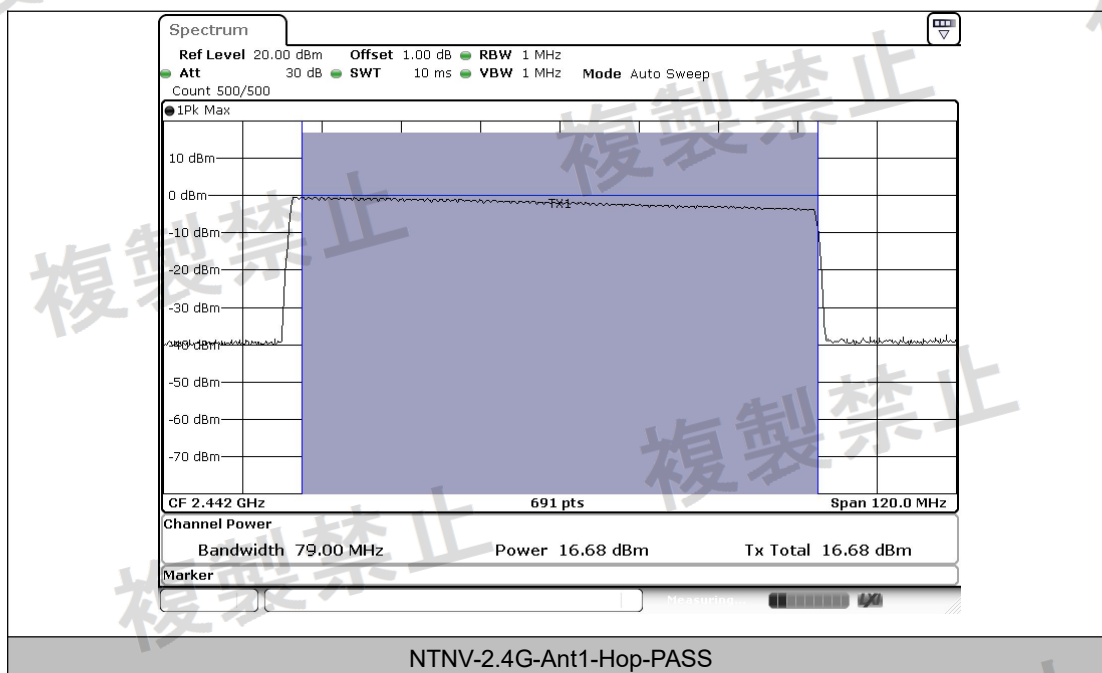
Note:

Result(dBm/MHz)= $10\log(\text{Power (mW/MHz)})$

EIRP((dBm/MHz))=Result(dBm/MHz)+Gain(dBi)



Test Graphs



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

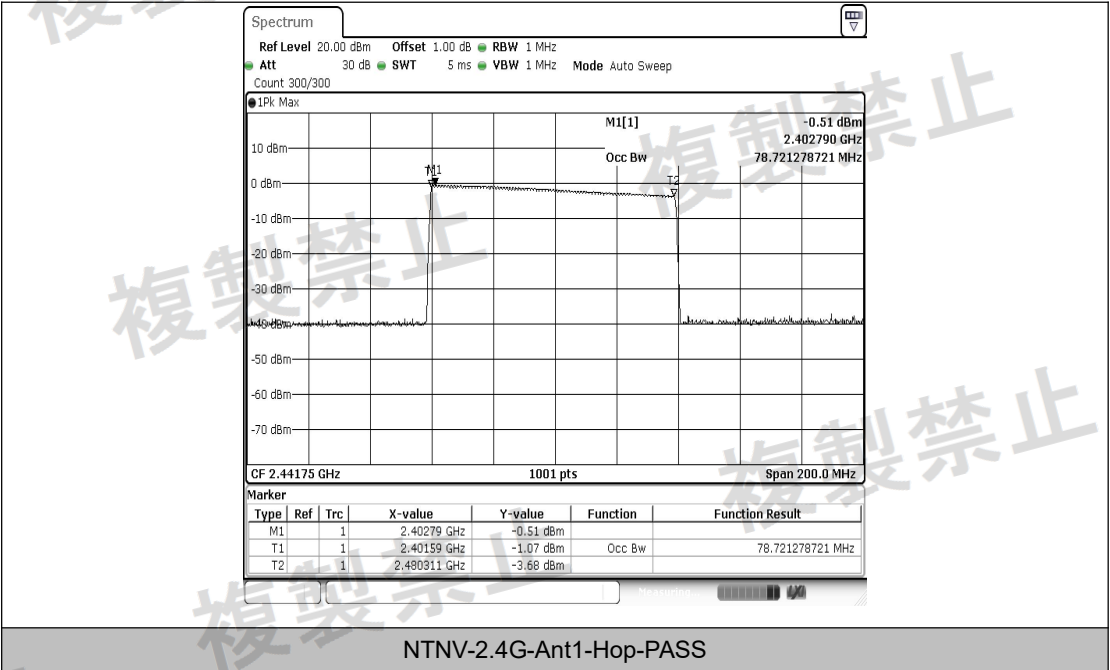


Appendix C: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	Hop	78.721	≤83.5	PASS

Test Graphs

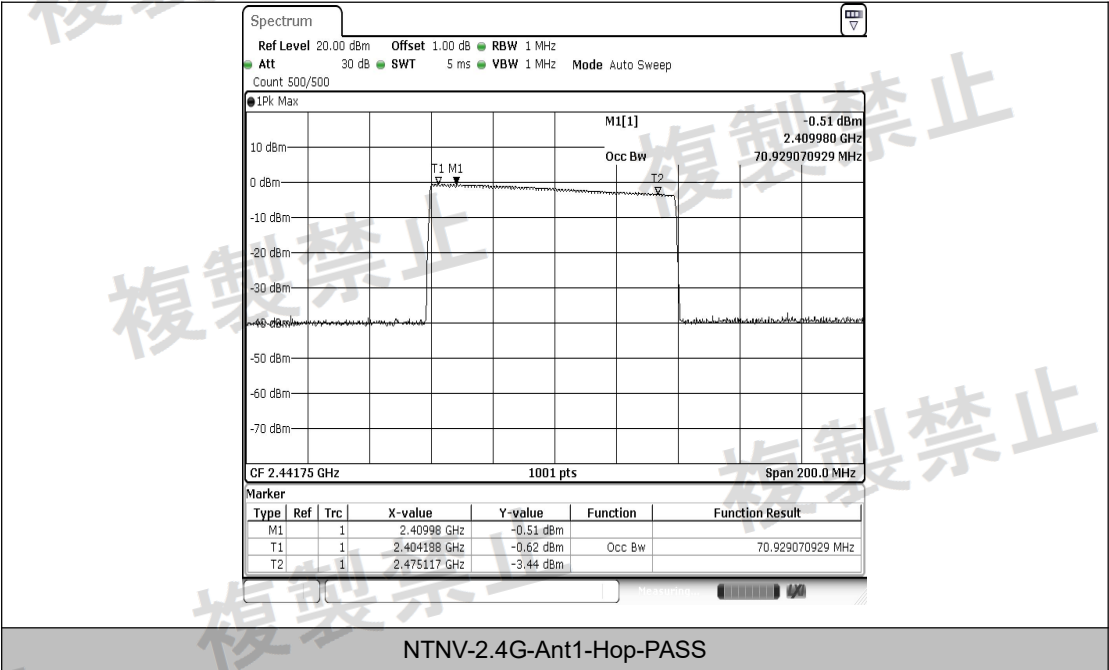


Appendix D: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result [MHz]
NTNV	2.4G	Ant1	Hop	70.929

Test Graphs



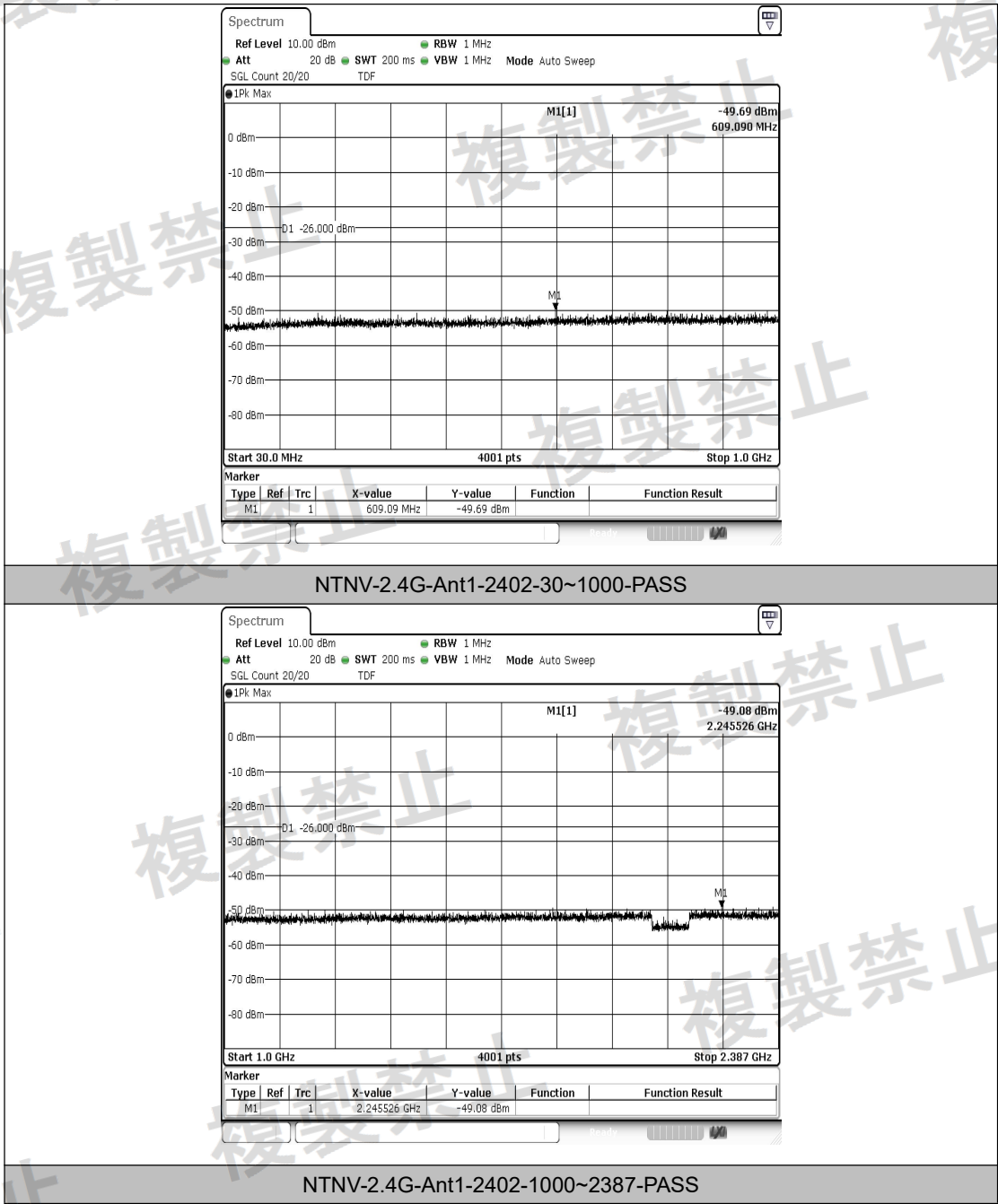
Appendix E: Spurious Emission of TX

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	609.09	-49.69	≤ -26	0.01074	≤ 2.5	PASS
NTNV	2.4G	Ant1	2402	1000~2387	2245.53	-49.08	≤ -26	0.01236	≤ 2.5	PASS
NTNV	2.4G	Ant1	2402	2387~2400	2399.99	-34.87	≤ -16	0.32584	≤ 25	PASS
NTNV	2.4G	Ant1	2402	2483.5~2496.5	2487.09	-37.97	≤ -16	0.15959	≤ 25	PASS
NTNV	2.4G	Ant1	2402	2496.5~13000	6994.62	-44.25	≤ -26	0.03758	≤ 2.5	PASS
NTNV	2.4G	Ant1	2441	30~1000	966.54	-50.29	≤ -26	0.00935	≤ 2.5	PASS
NTNV	2.4G	Ant1	2441	1000~2387	2213.97	-49.47	≤ -26	0.01130	≤ 2.5	PASS
NTNV	2.4G	Ant1	2441	2387~2400	2389.56	-38.51	≤ -16	0.14093	≤ 25	PASS
NTNV	2.4G	Ant1	2441	2483.5~2496.5	2486.78	-38.00	≤ -16	0.15849	≤ 25	PASS
NTNV	2.4G	Ant1	2441	2496.5~13000	6910.60	-44.30	≤ -26	0.03715	≤ 2.5	PASS
NTNV	2.4G	Ant1	2480	30~1000	932.83	-49.65	≤ -26	0.01084	≤ 2.5	PASS
NTNV	2.4G	Ant1	2480	1000~2387	2169.93	-49.30	≤ -26	0.01175	≤ 2.5	PASS
NTNV	2.4G	Ant1	2480	2387~2400	2397.03	-37.32	≤ -16	0.18535	≤ 25	PASS
NTNV	2.4G	Ant1	2480	2483.5~2496.5	2492.41	-37.19	≤ -16	0.19099	≤ 25	PASS
NTNV	2.4G	Ant1	2480	2496.5~13000	6961.54	-44.48	≤ -26	0.03565	≤ 2.5	PASS



Test Graphs

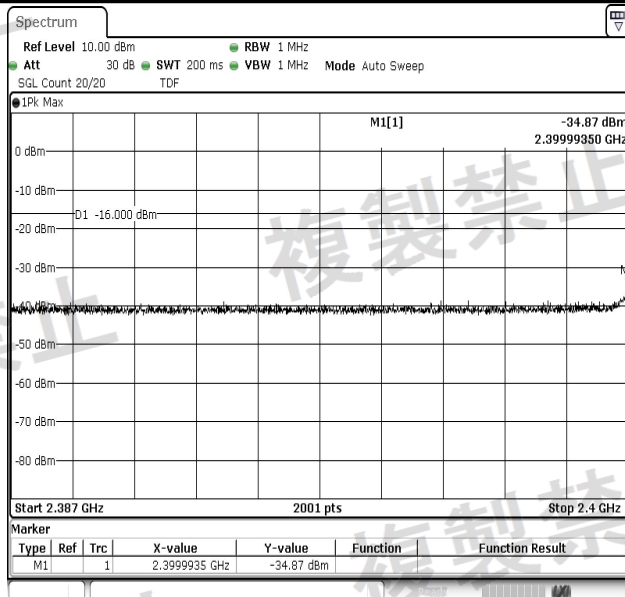


Shenzhen Anbotek Compliance Laboratory Limited

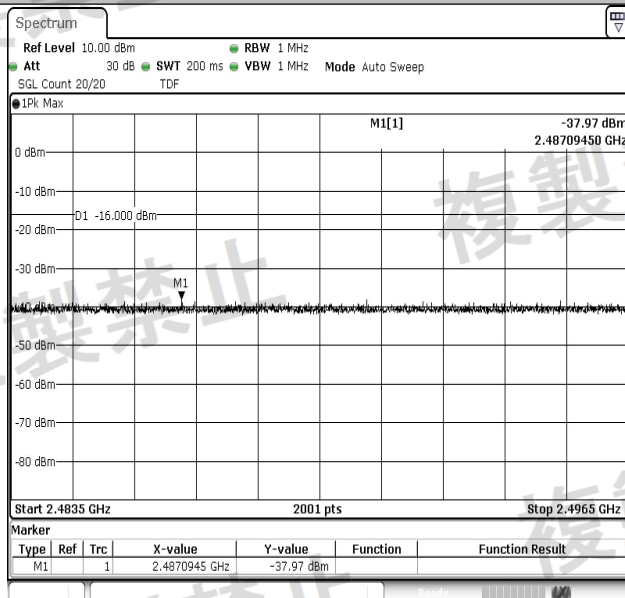
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
Tel: (86) 0755-26066440 Email: service@anbotek.com

Hotline 400-003-0500
www.anbotek.com



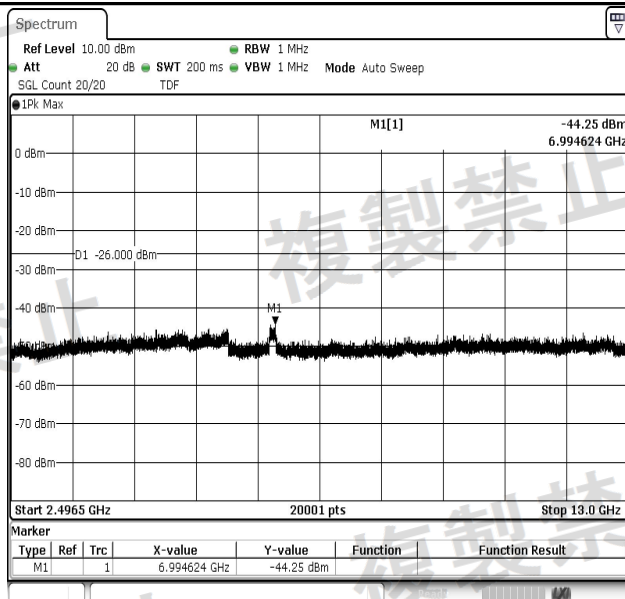


NTNV-2.4G-Ant1-2402-2387~2400-PASS

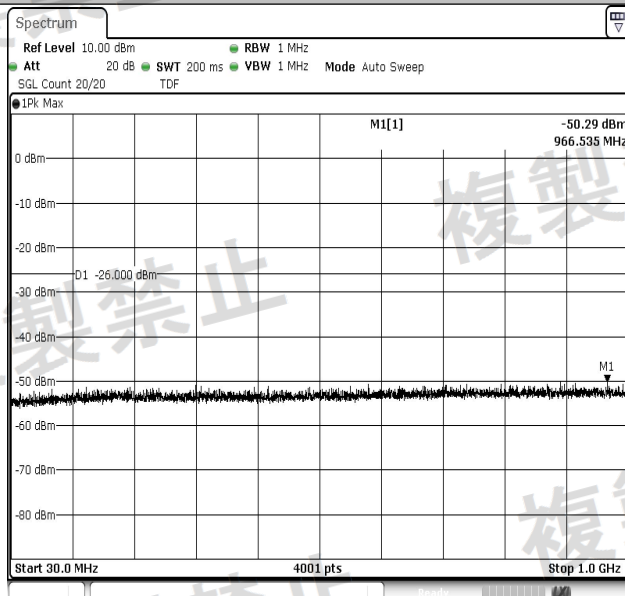


NTNV-2.4G-Ant1-2402-2483.5~2496.5-PASS



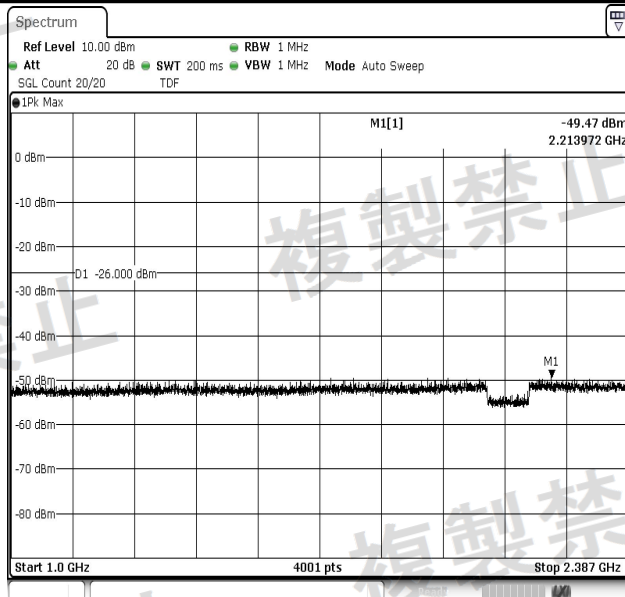


NTNV-2.4G-Ant1-2402-2496.5~13000-PASS

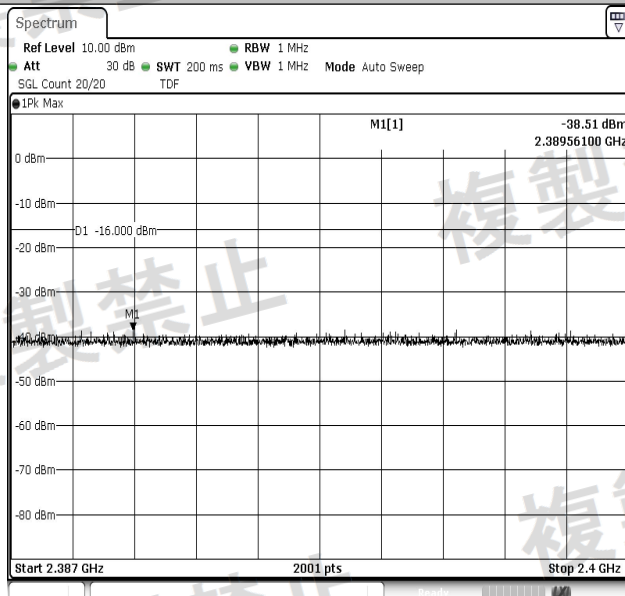


NTNV-2.4G-Ant1-2441-30~1000-PASS



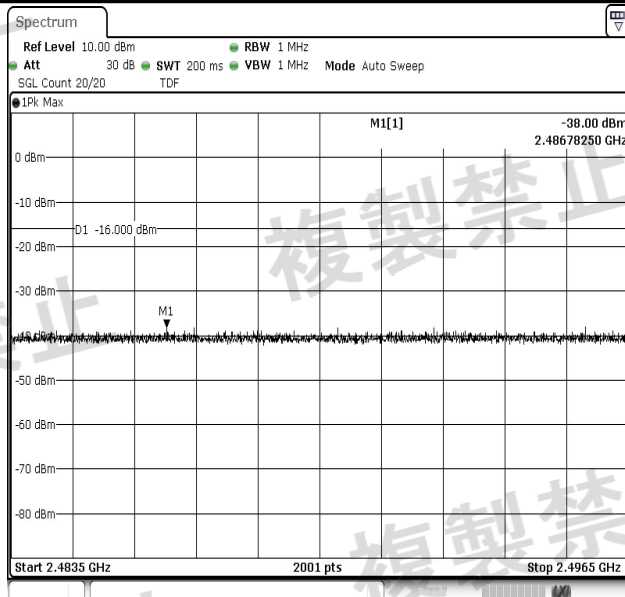


NTNV-2.4G-Ant1-2441-1000~2387-PASS

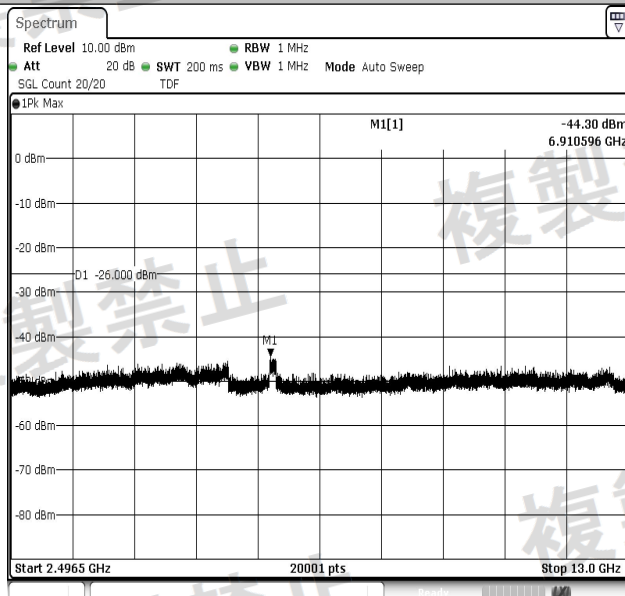


NTNV-2.4G-Ant1-2441-2387~2400-PASS



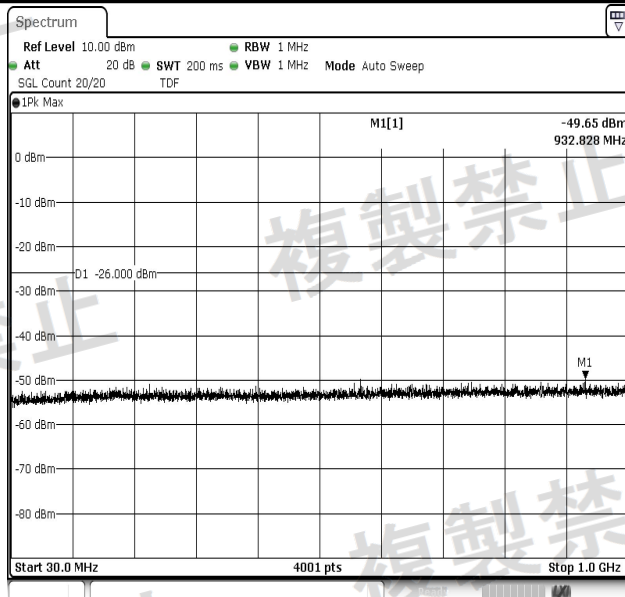


NTNV-2.4G-Ant1-2441-2483.5~2496.5-PASS

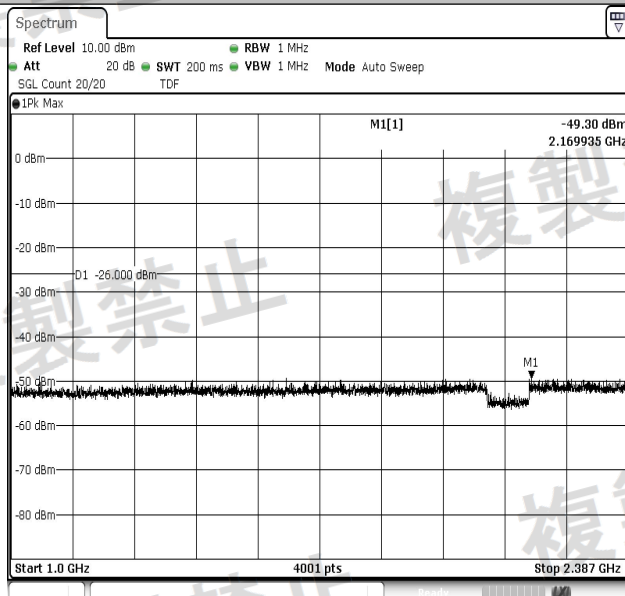


NTNV-2.4G-Ant1-2441-2496.5~13000-PASS



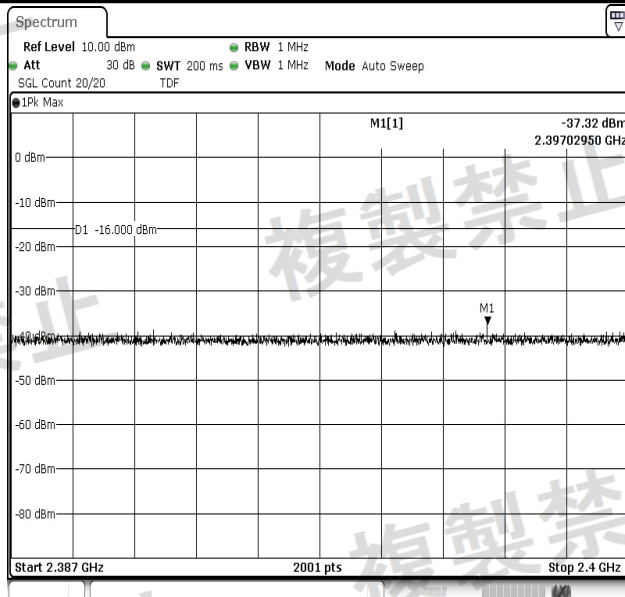


NTNV-2.4G-Ant1-2480-30~1000-PASS

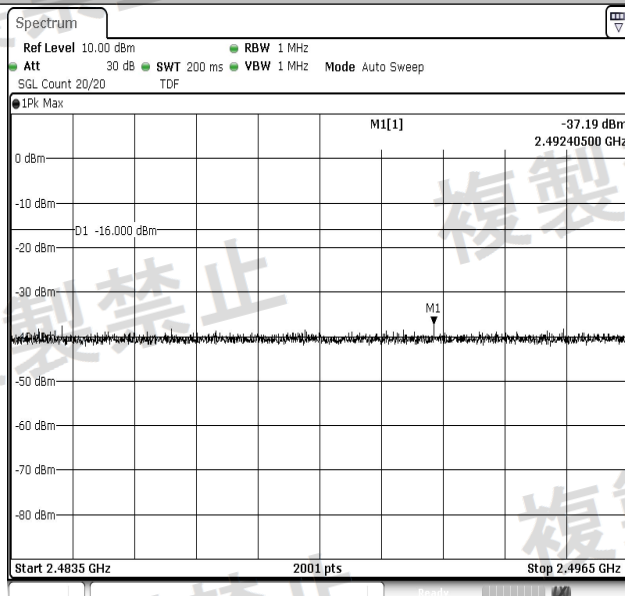


NTNV-2.4G-Ant1-2480-1000~2387-PASS



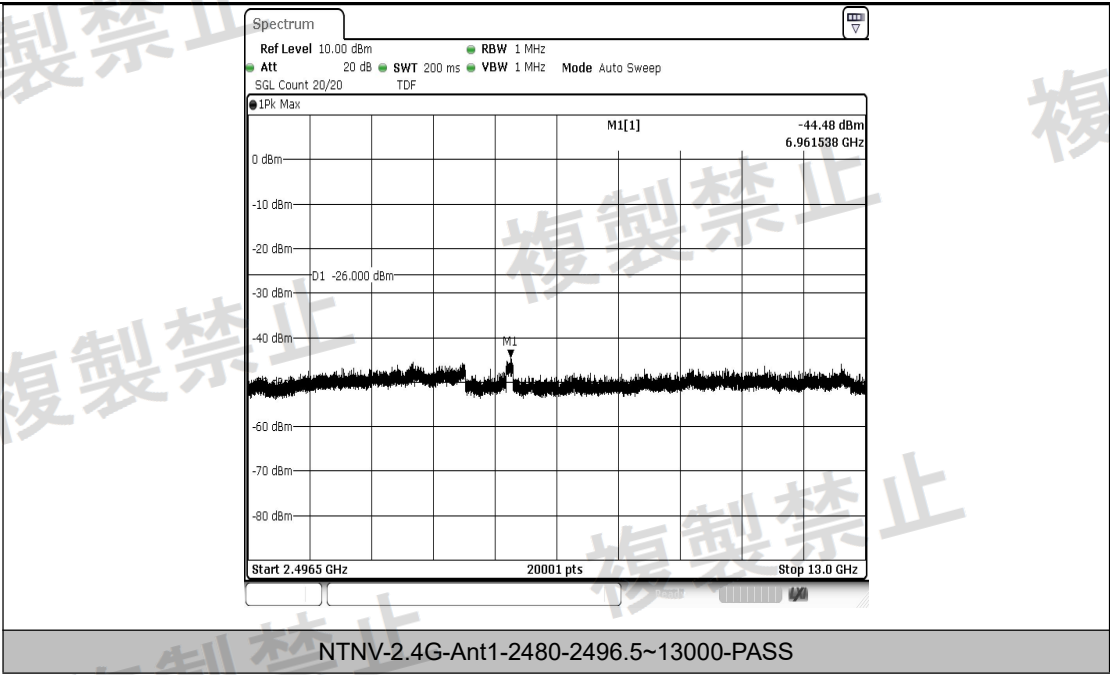


NTNV-2.4G-Ant1-2480-2387~2400-PASS



NTNV-2.4G-Ant1-2480-2483.5~2496.5-PASS



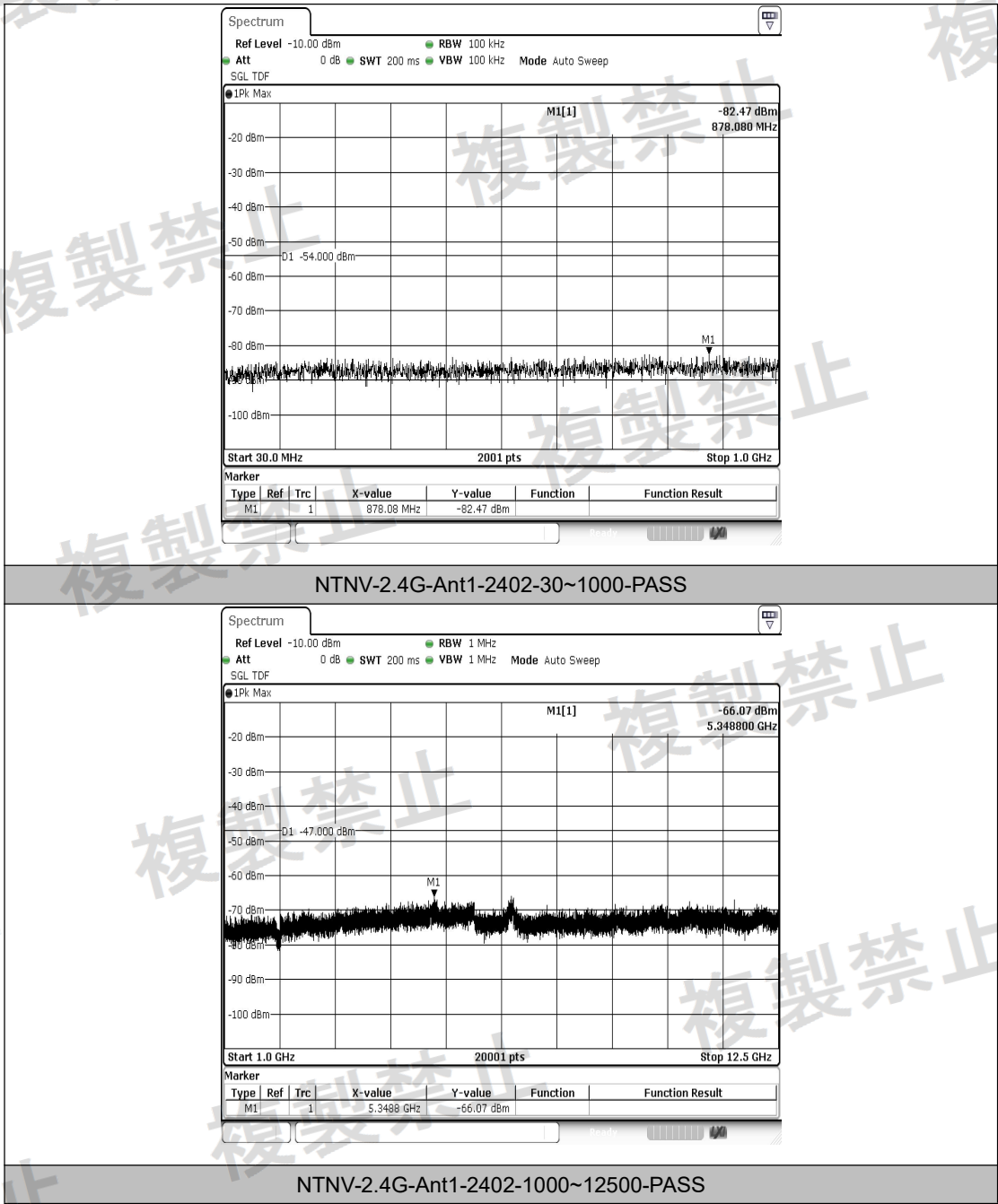


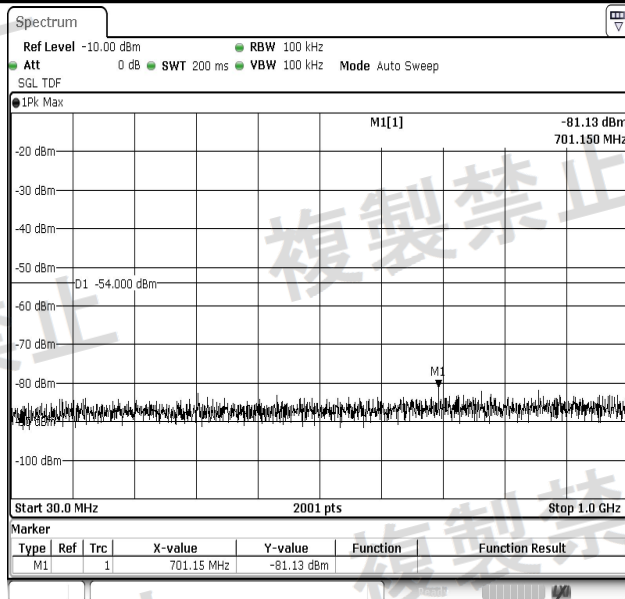
Appendix F: Spurious Emission of RX**Test Result**

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	878.08	-82.47	≤-54	0.00566	≤4	PASS
NTNV	2.4G	Ant1	2402	1000~12500	5348.80	-66.07	≤-47	0.24717	≤20	PASS
NTNV	2.4G	Ant1	2441	30~1000	701.15	-81.13	≤-54	0.00771	≤4	PASS
NTNV	2.4G	Ant1	2441	1000~12500	6910.99	-65.77	≤-47	0.26485	≤20	PASS
NTNV	2.4G	Ant1	2480	30~1000	569.78	-81.31	≤-54	0.00740	≤4	PASS
NTNV	2.4G	Ant1	2480	1000~12500	6900.07	-65.69	≤-47	0.26977	≤20	PASS

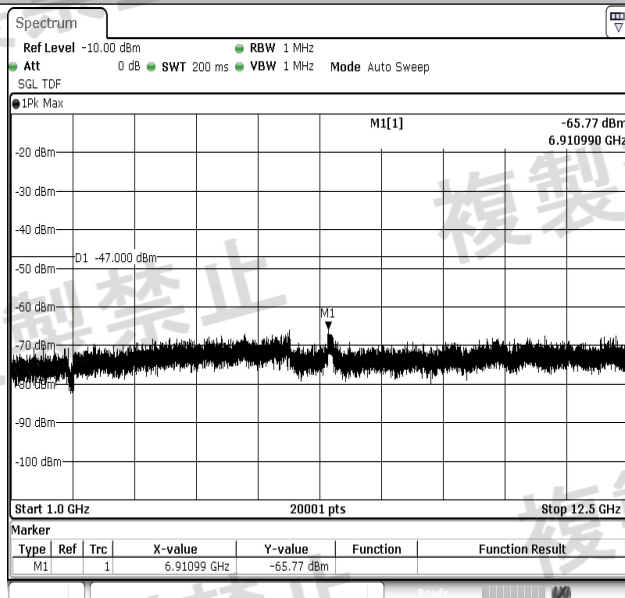


Test Graphs



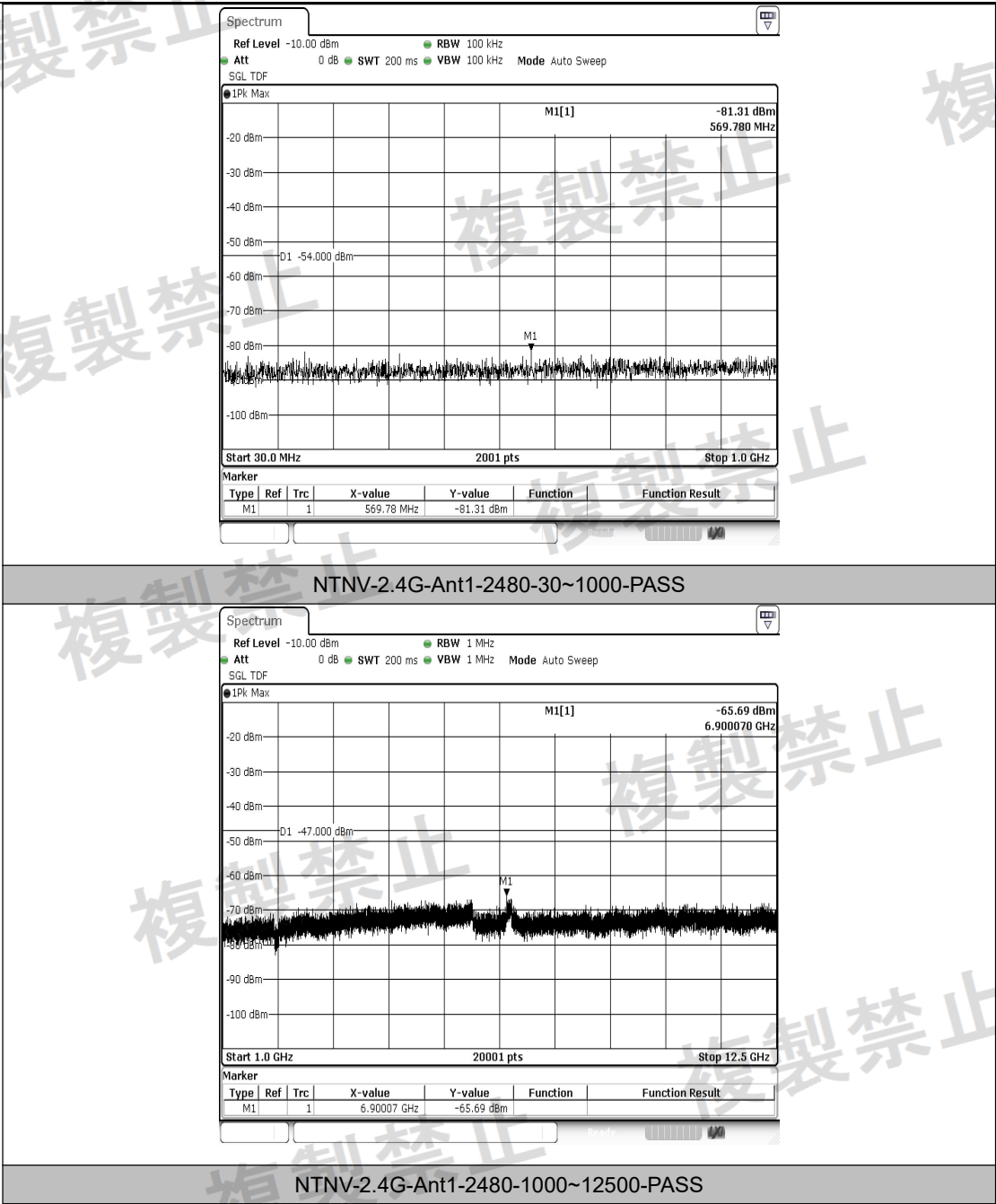


NTNV-2.4G-Ant1-2441-30~1000-PASS



NTNV-2.4G-Ant1-2441-1000~12500-PASS





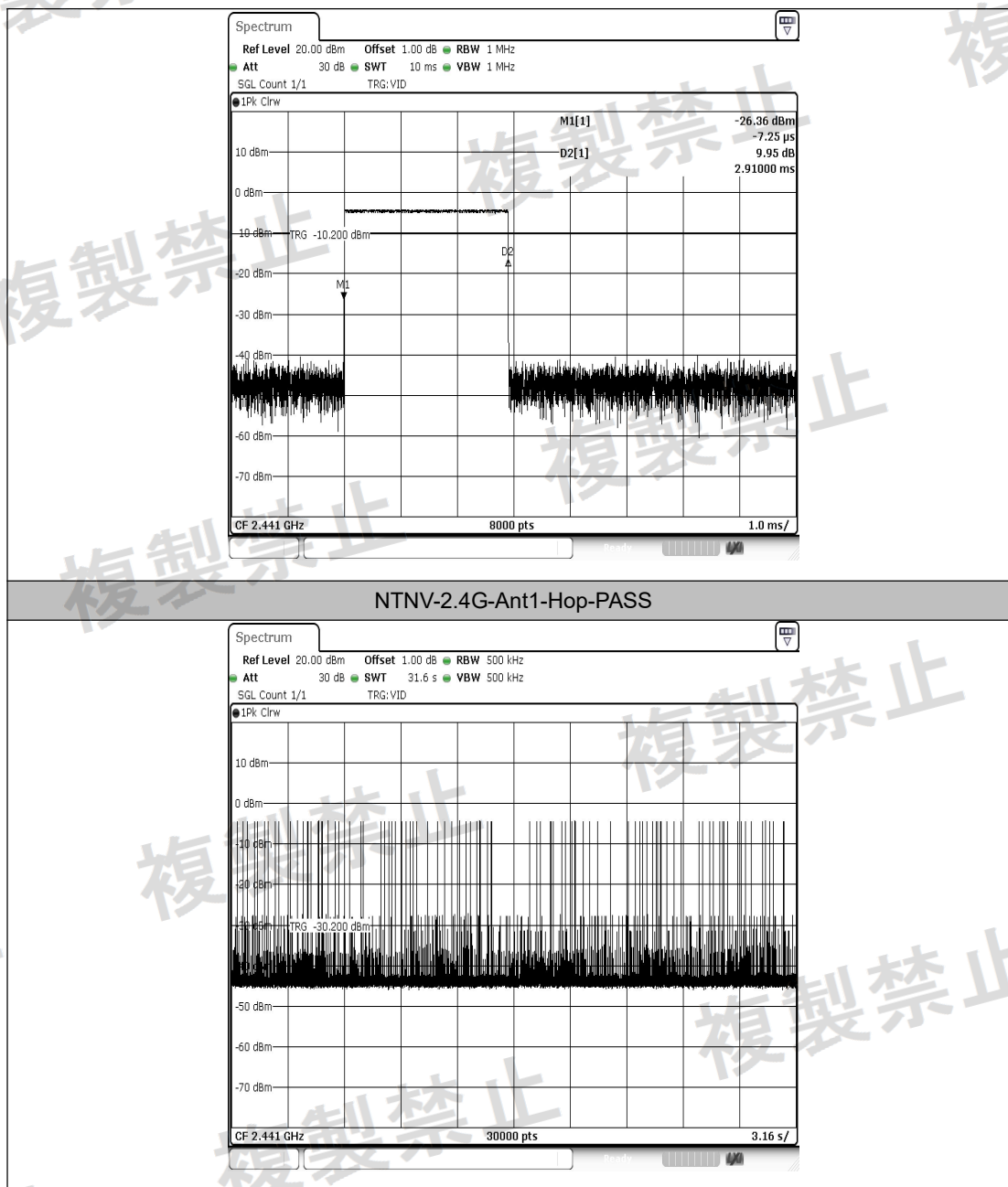
Appendix G: Dwell Time

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit [s]	Verdict
NTNV	2.4G	Ant1	Hop	2.91	93	0.271	≤0.4	PASS



Test Graphs



---End---

