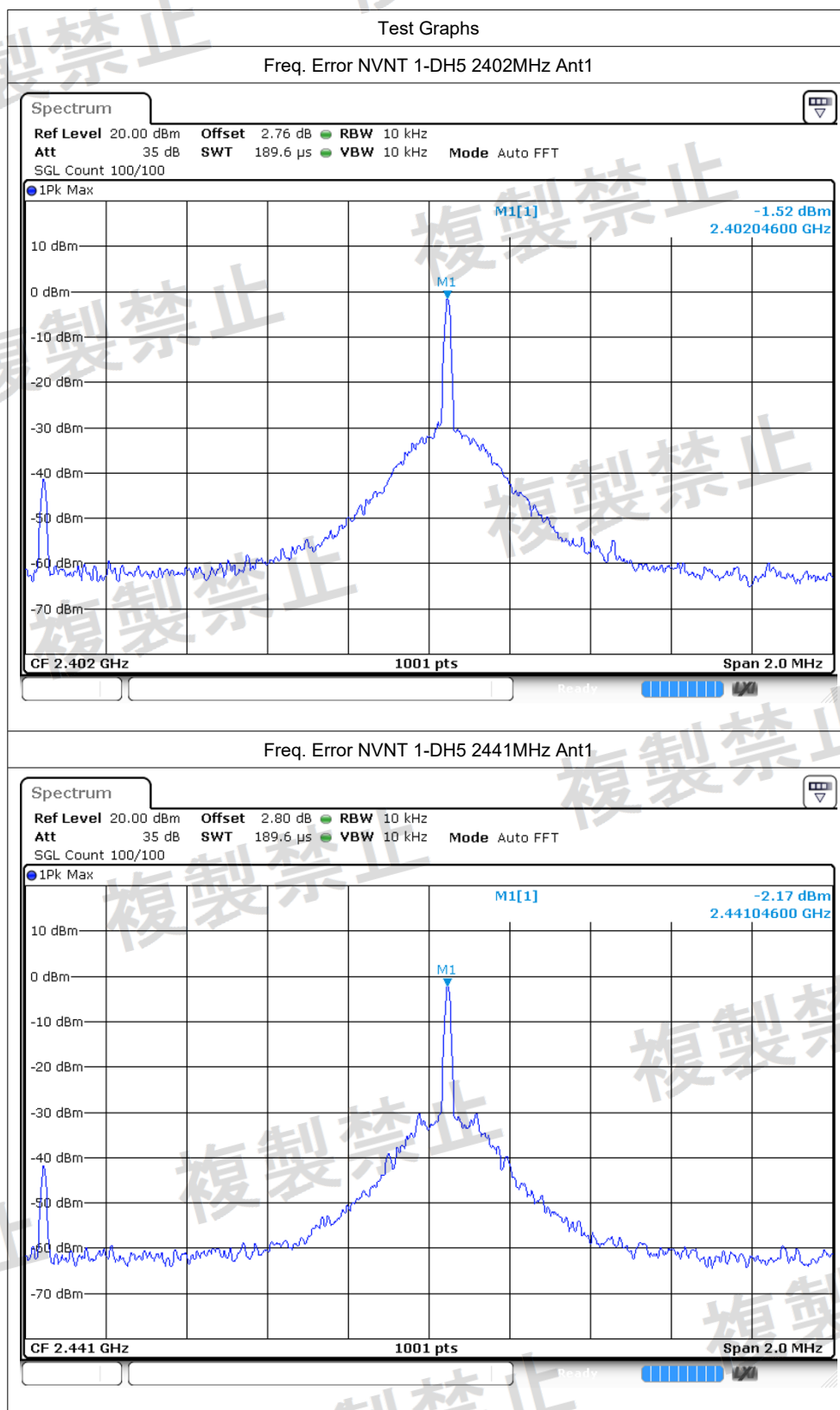
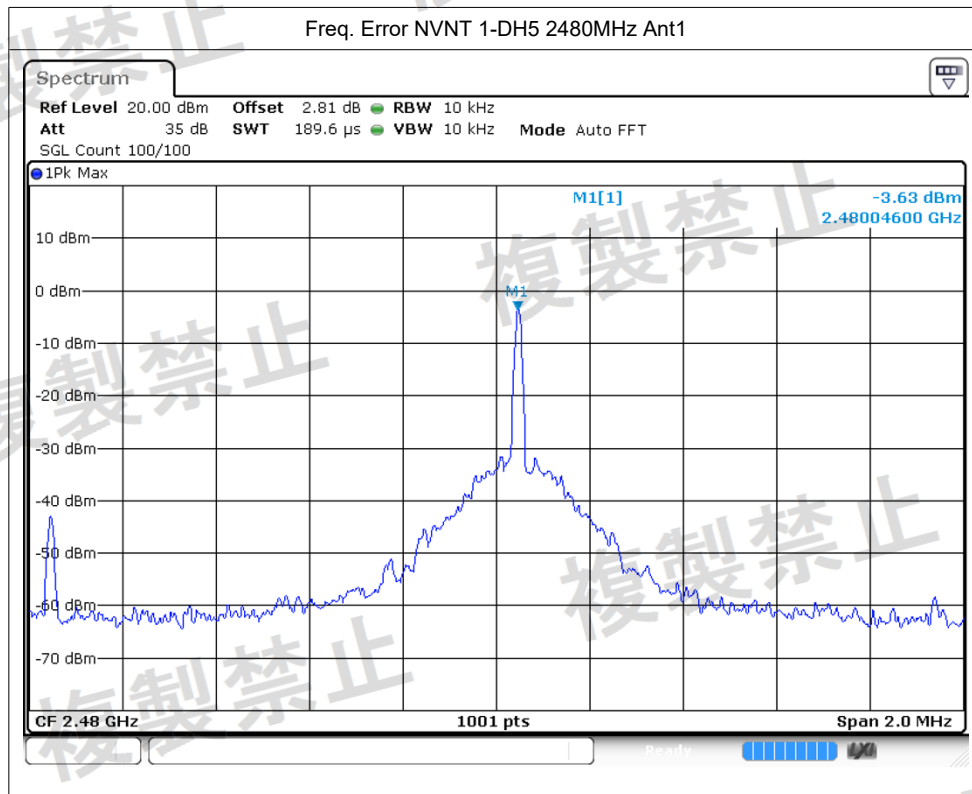


Appendix A

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	1-DH5	2402	Ant1	2402.046	46000	19.15	50	Pass
NVNT	1-DH5	2441	Ant1	2441.046	46000	18.84	50	Pass
NVNT	1-DH5	2480	Ant1	2480.046	46000	18.55	50	Pass



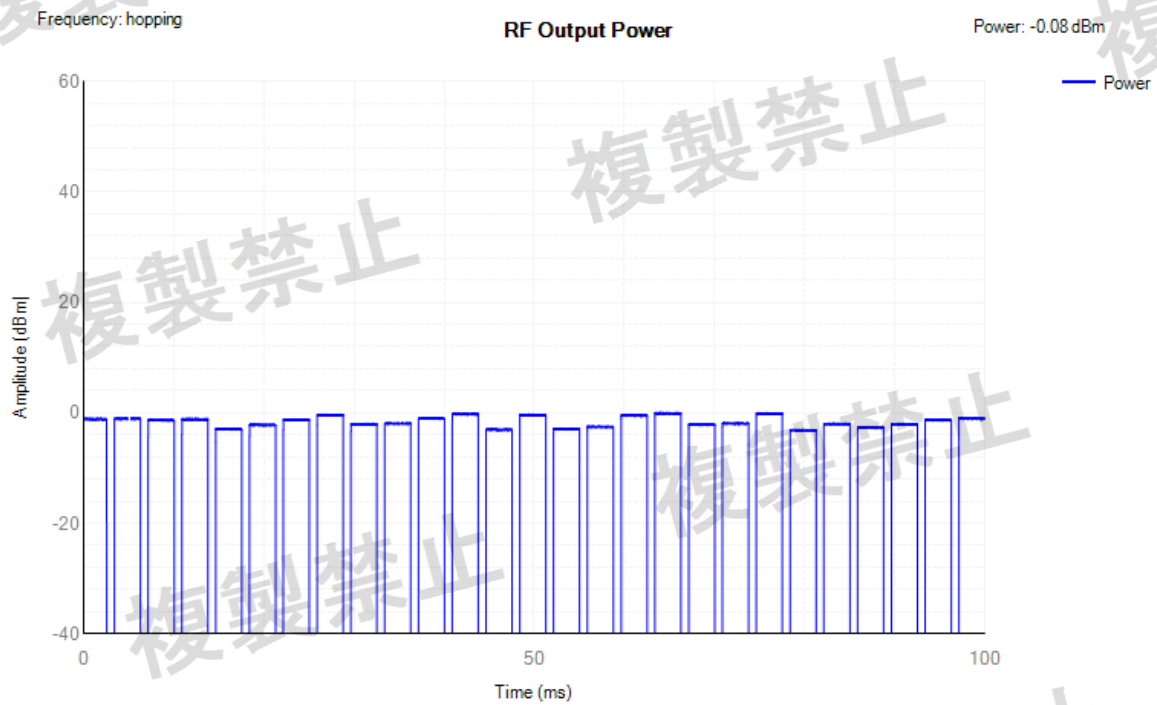


Antenna Power

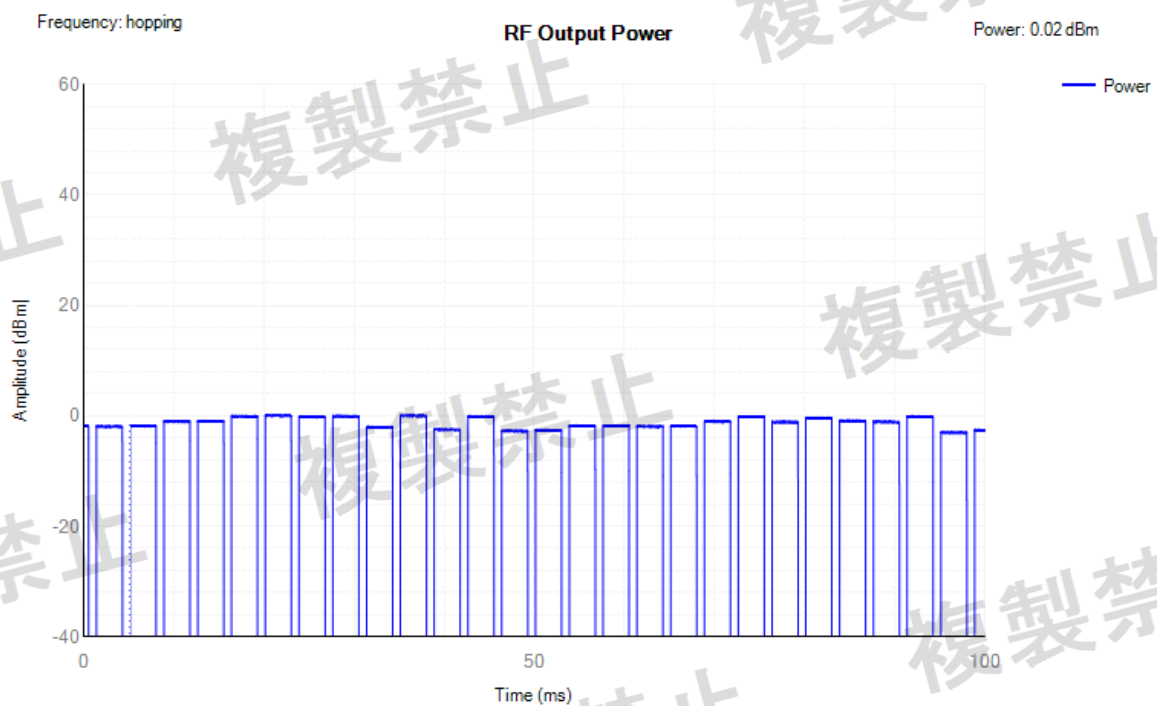
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Spread BW (MHz)	Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	1-DH5	hopping	Ant1	-0.08	0.982	70.25	0.014	3	0.02	-30	20	Pass
NVNT	1-DH5	hopping	Ant1	0.02	1.005	70.25	0.014	3	0.02	-30	20	Pass
NVNT	1-DH5	hopping	Ant1	0.09	1.021	70.25	0.015	3	0.02	-25	20	Pass
NVNT	2-DH5	hopping	Ant1	-2.03	0.627	70.25	0.009	3	0.01	-10	20	Pass
NVNT	2-DH5	hopping	Ant1	-1.91	0.644	70.25	0.009	3	0.01	-10	20	Pass
NVNT	2-DH5	hopping	Ant1	-1.81	0.659	70.25	0.009	3	0.01	-10	20	Pass
NVNT	3-DH5	hopping	Ant1	-2.03	0.627	70.37	0.009	3	0.01	-10	20	Pass
NVNT	3-DH5	hopping	Ant1	-1.92	0.643	70.37	0.009	3	0.01	-10	20	Pass
NVNT	3-DH5	hopping	Ant1	-1.96	0.637	70.37	0.009	3	0.01	-10	20	Pass

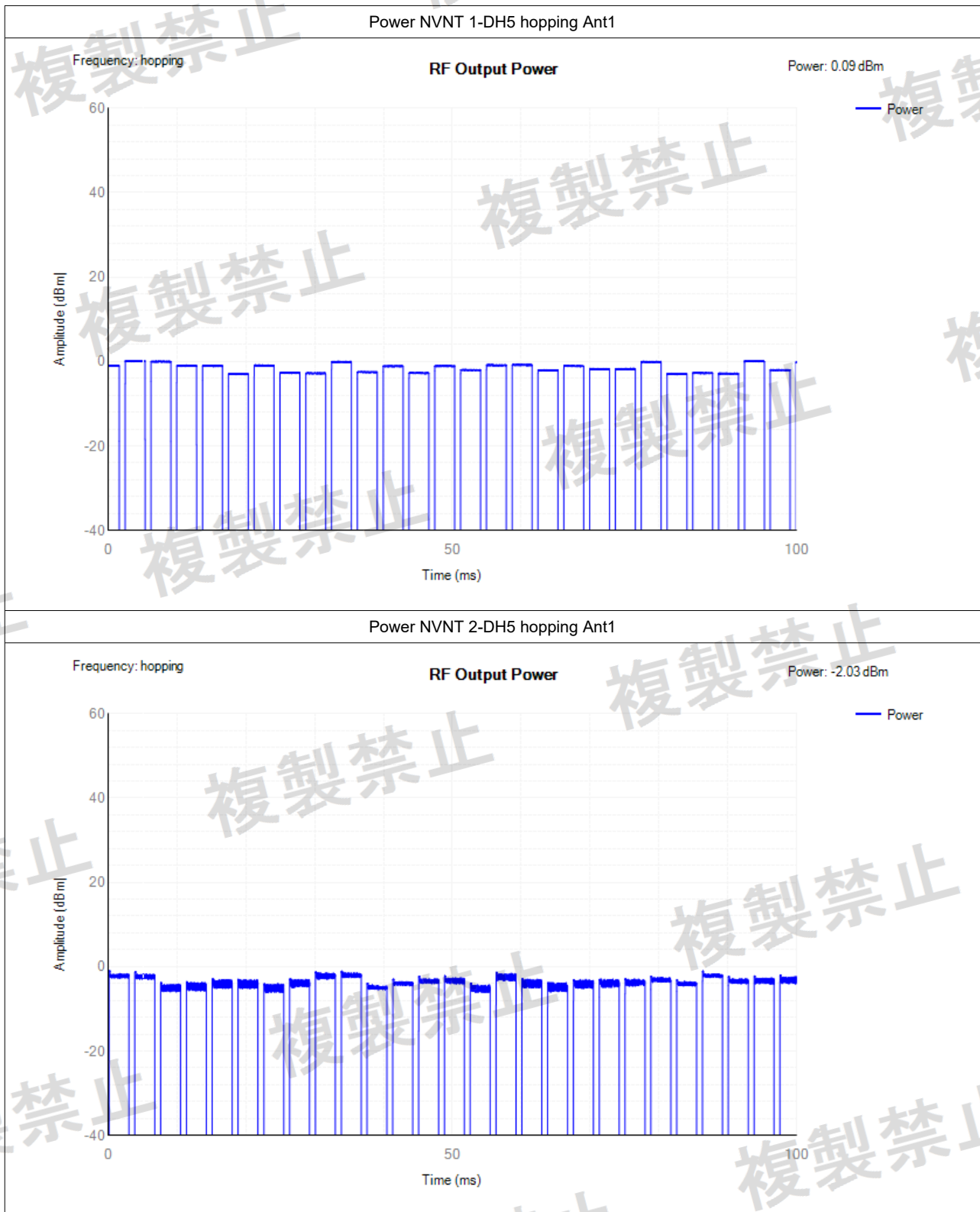
Test Graphs

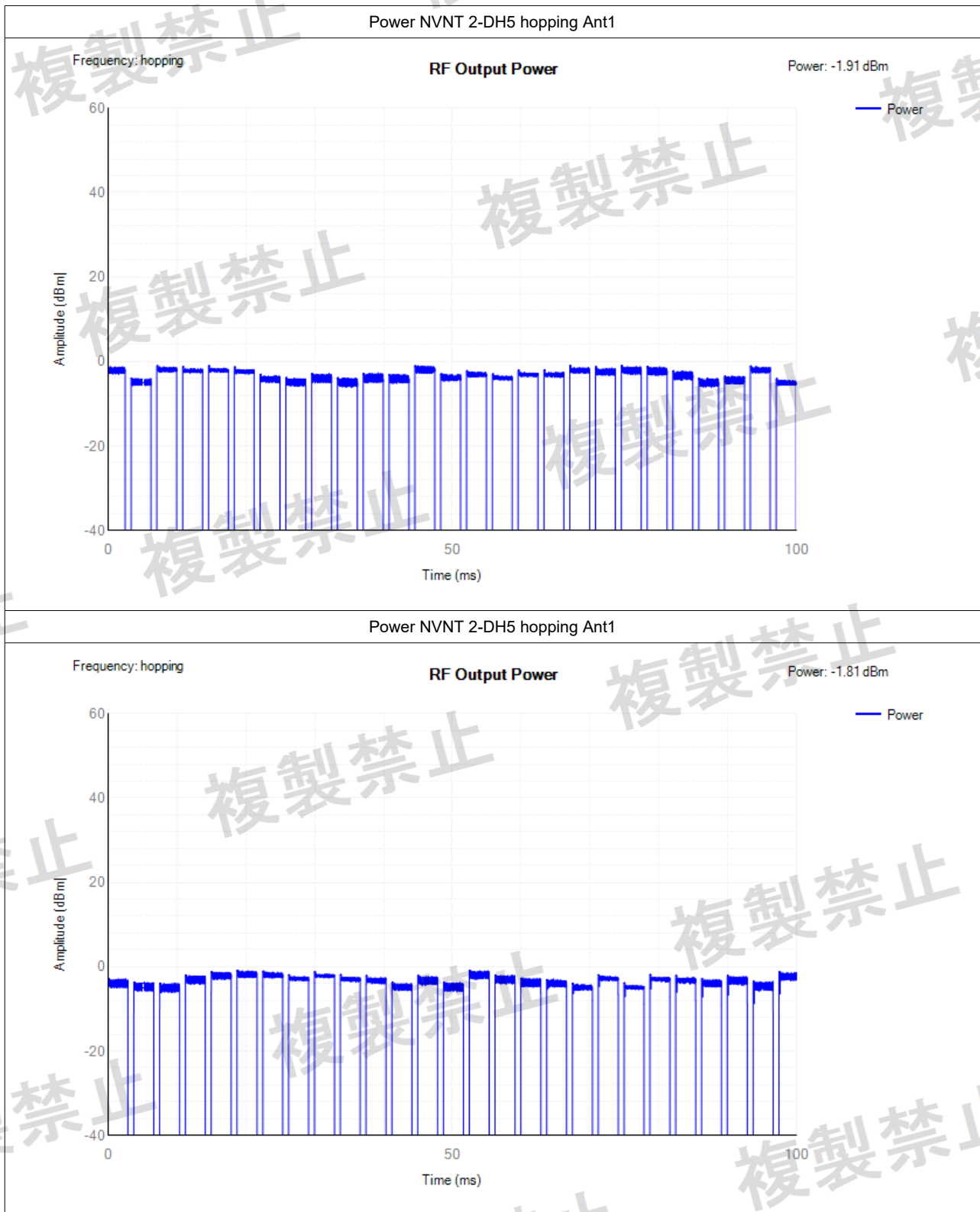
Power NVNT 1-DH5 hopping Ant1

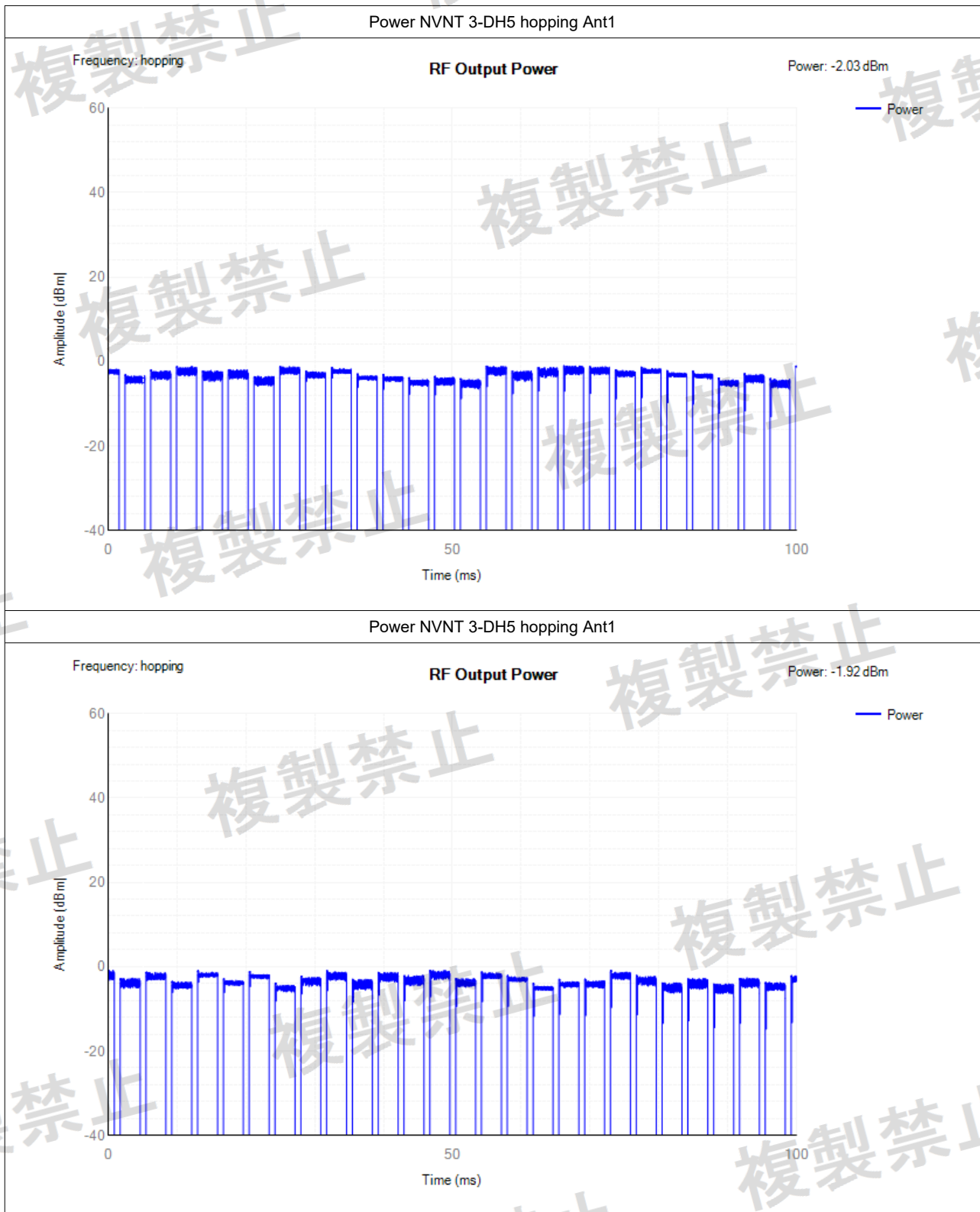


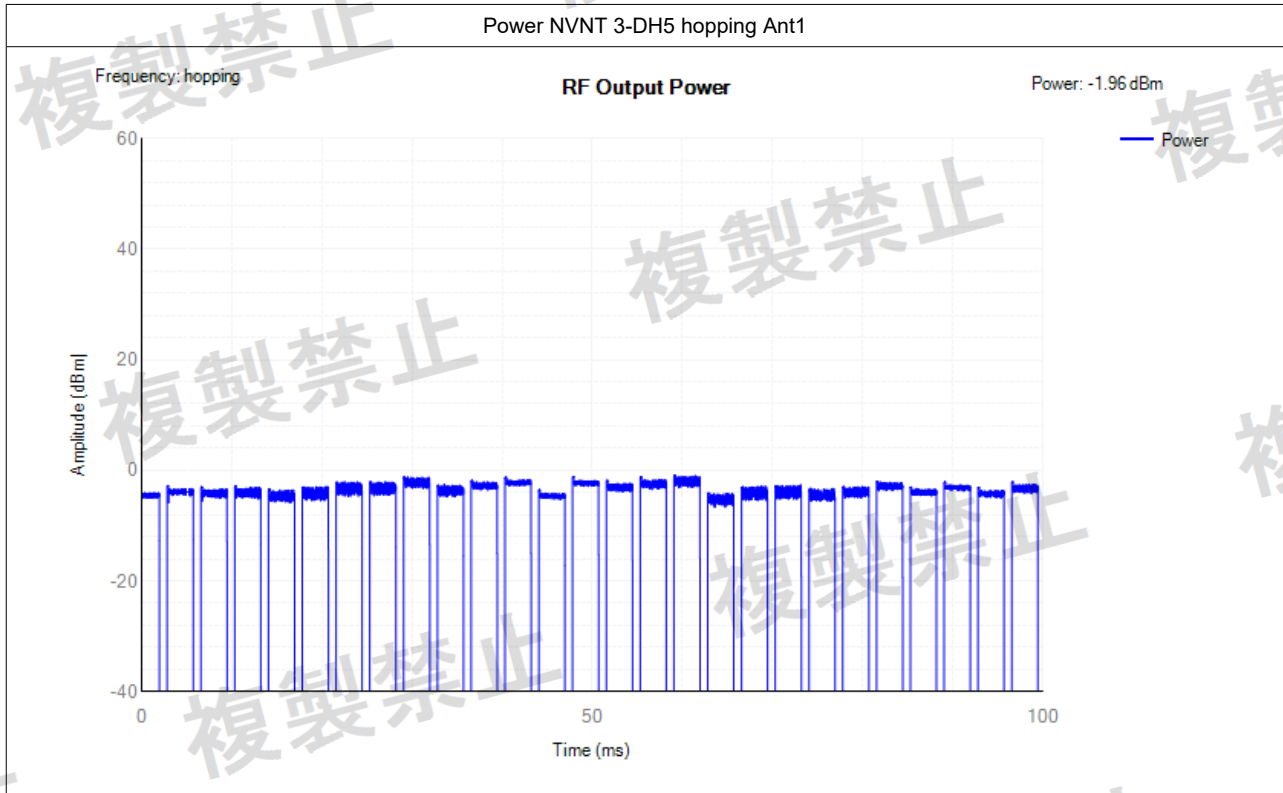
Power NVNT 1-DH5 hopping Ant1









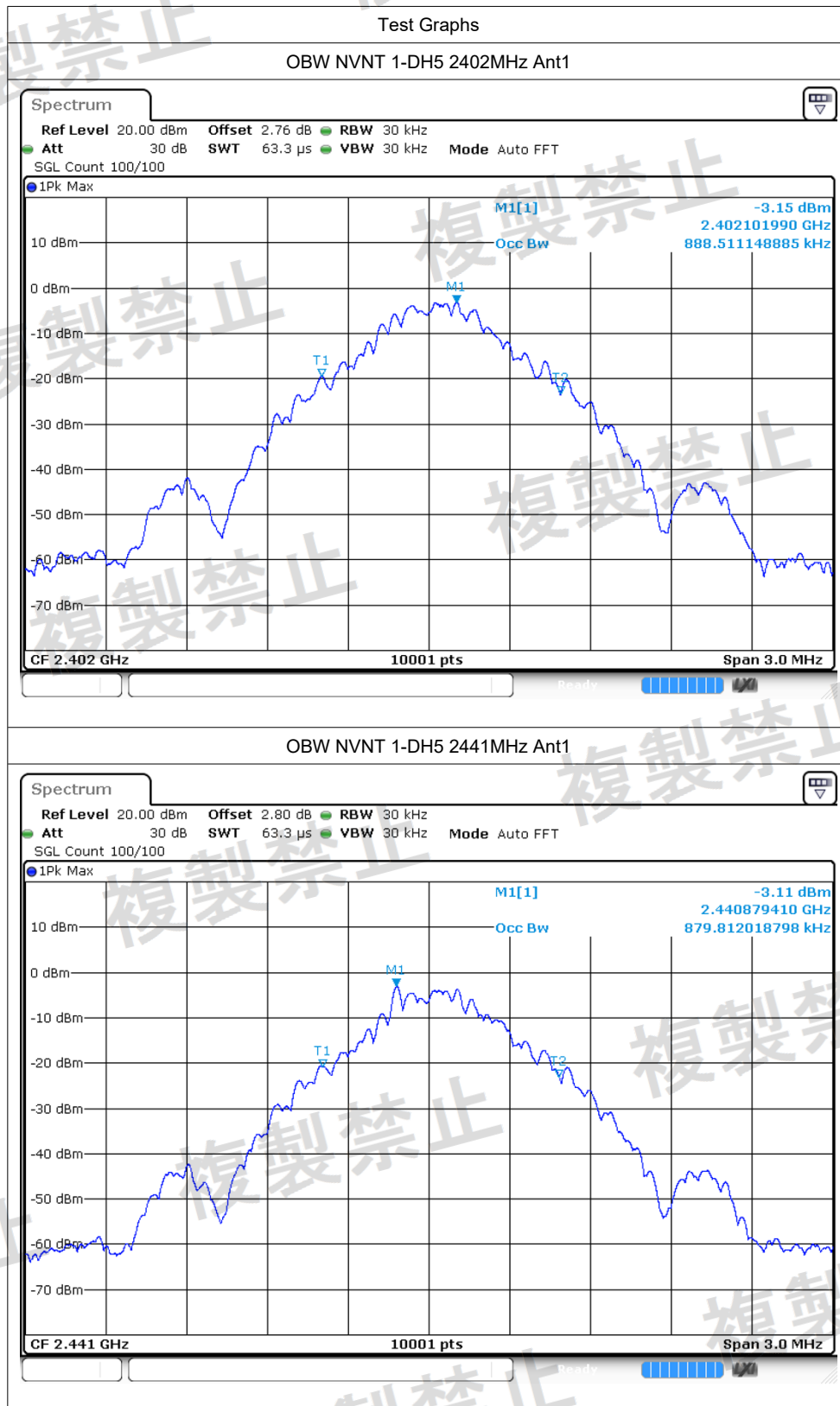


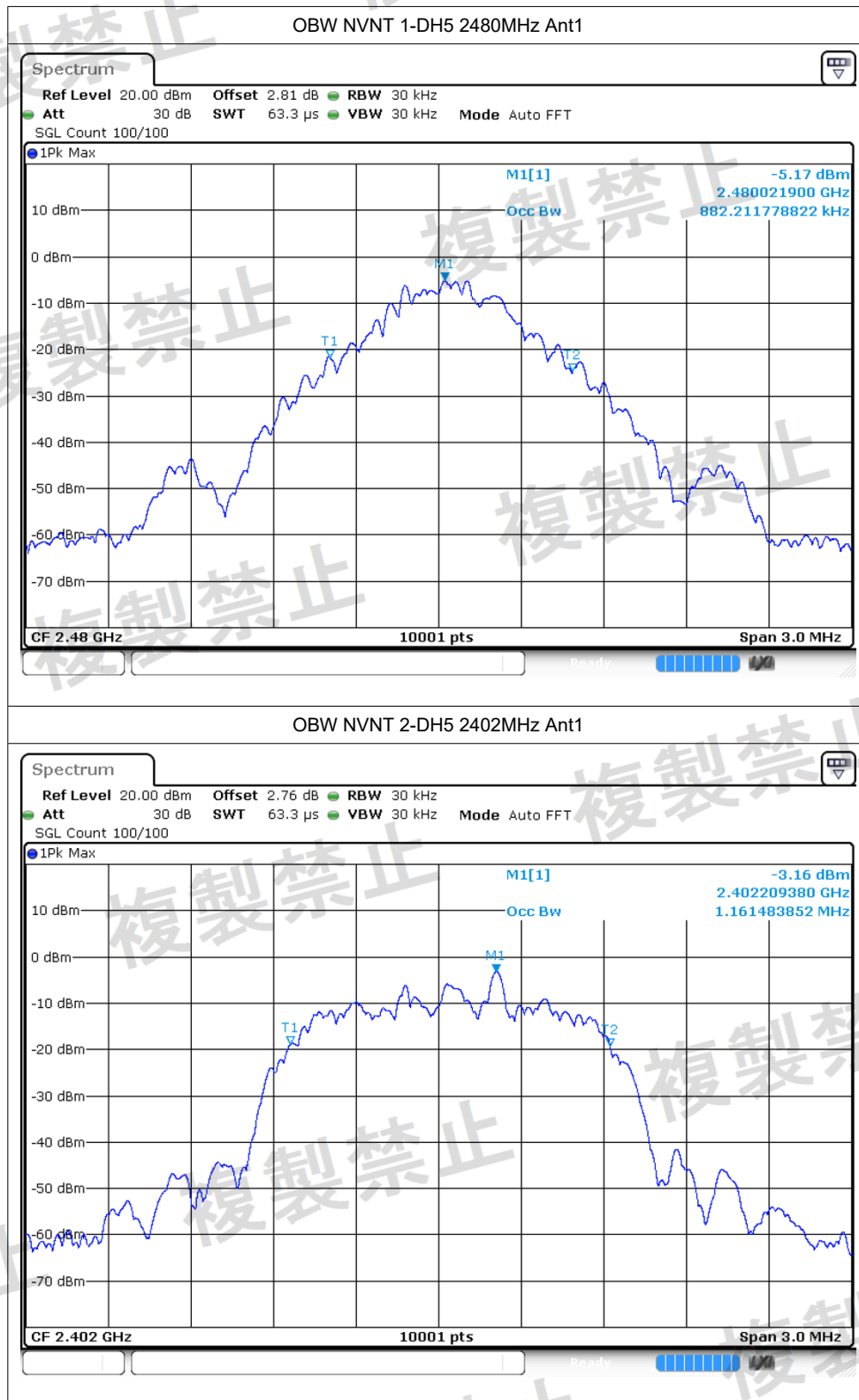
EIRP Power

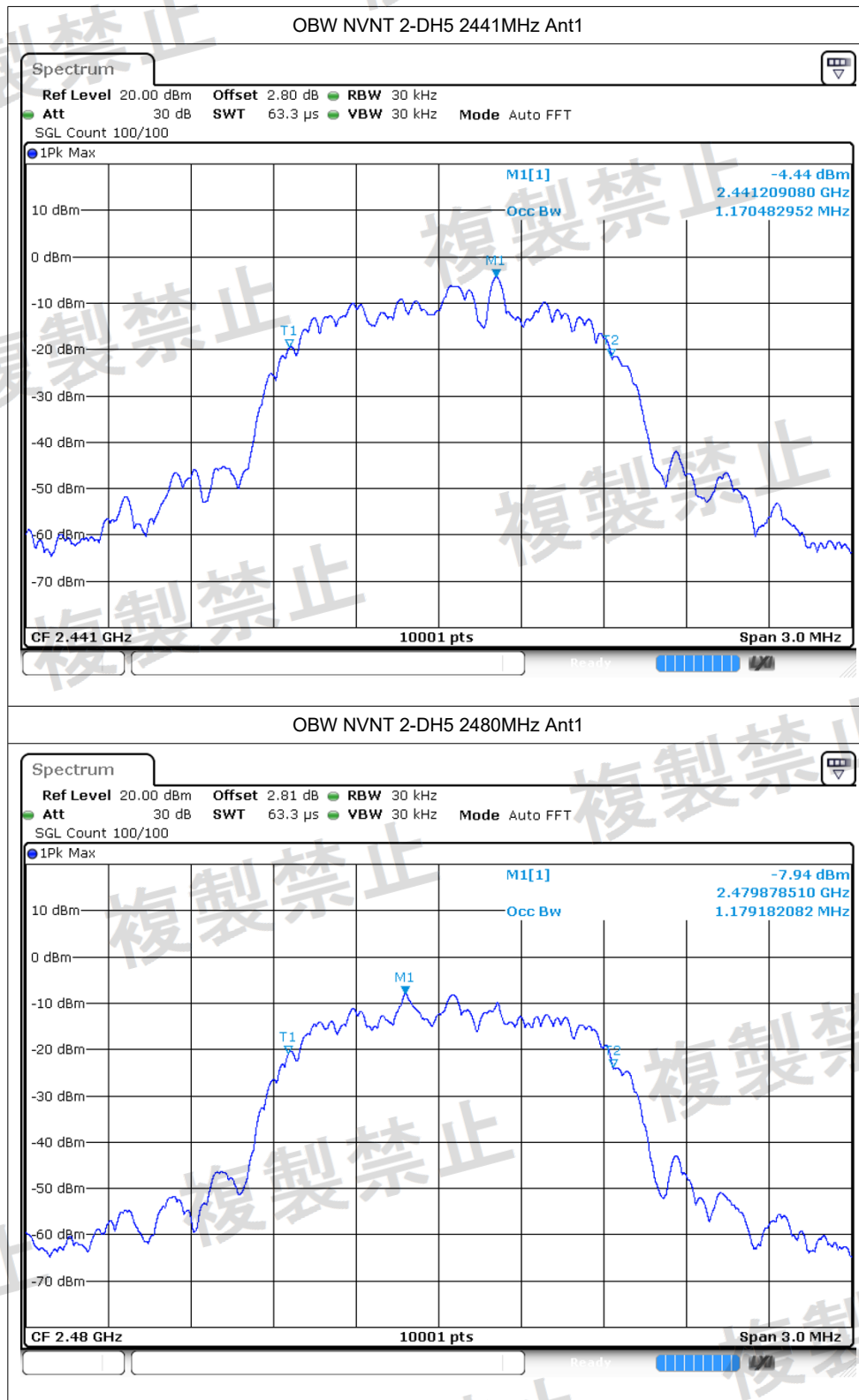
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	1-DH5	hopping	Ant1	0.014	-18.54	4.29	-14.25	6.91	Pass
NVNT	1-DH5	hopping	Ant1	0.014	-18.54	4.29	-14.25	6.91	Pass
NVNT	1-DH5	hopping	Ant1	0.015	-18.24	4.29	-13.95	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.009	-20.46	4.29	-16.17	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.009	-20.46	4.29	-16.17	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.009	-20.46	4.29	-16.17	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.009	-20.46	4.29	-16.17	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.009	-20.46	4.29	-16.17	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.009	-20.46	4.29	-16.17	6.91	Pass

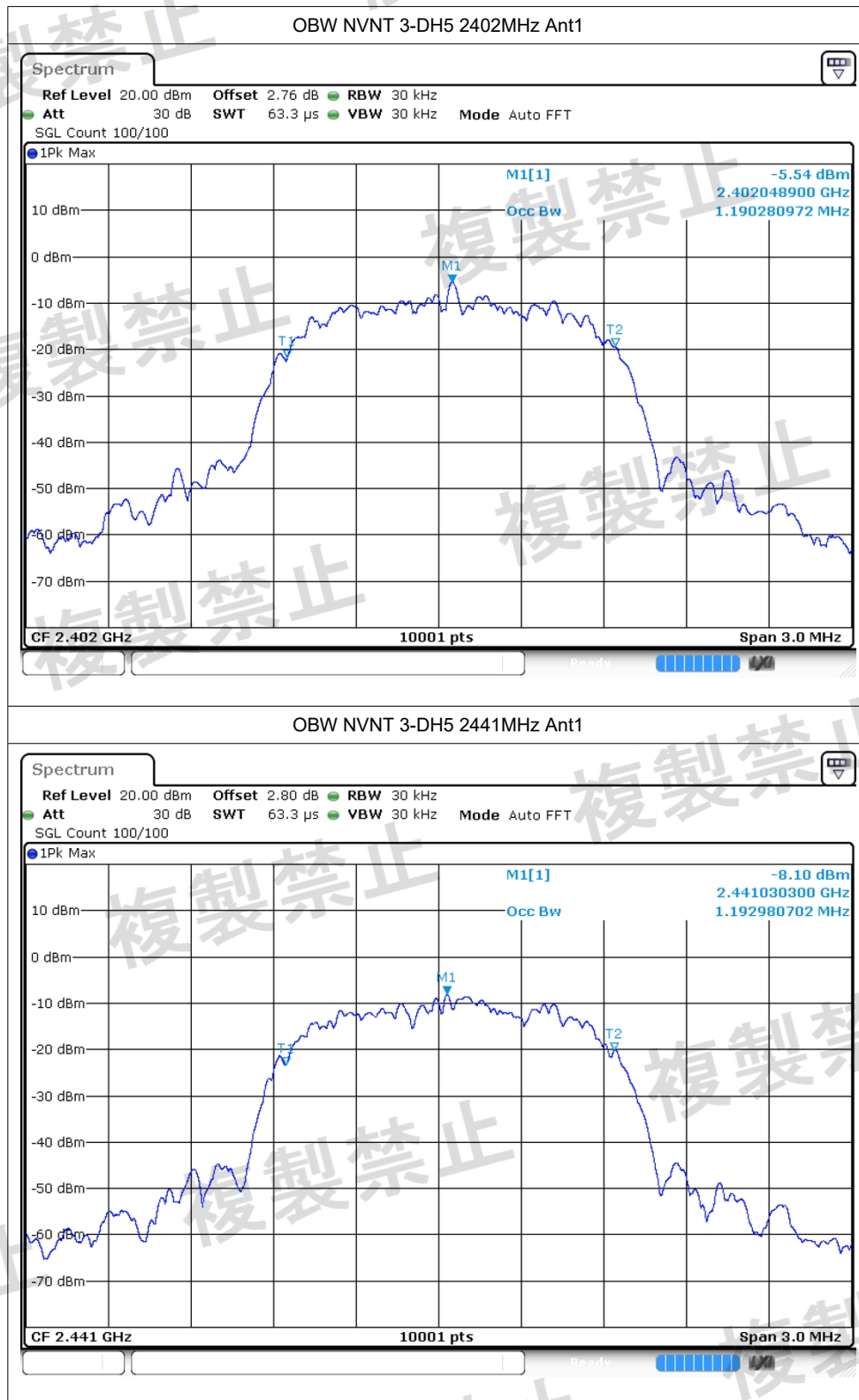
Occupied Channel Bandwidth

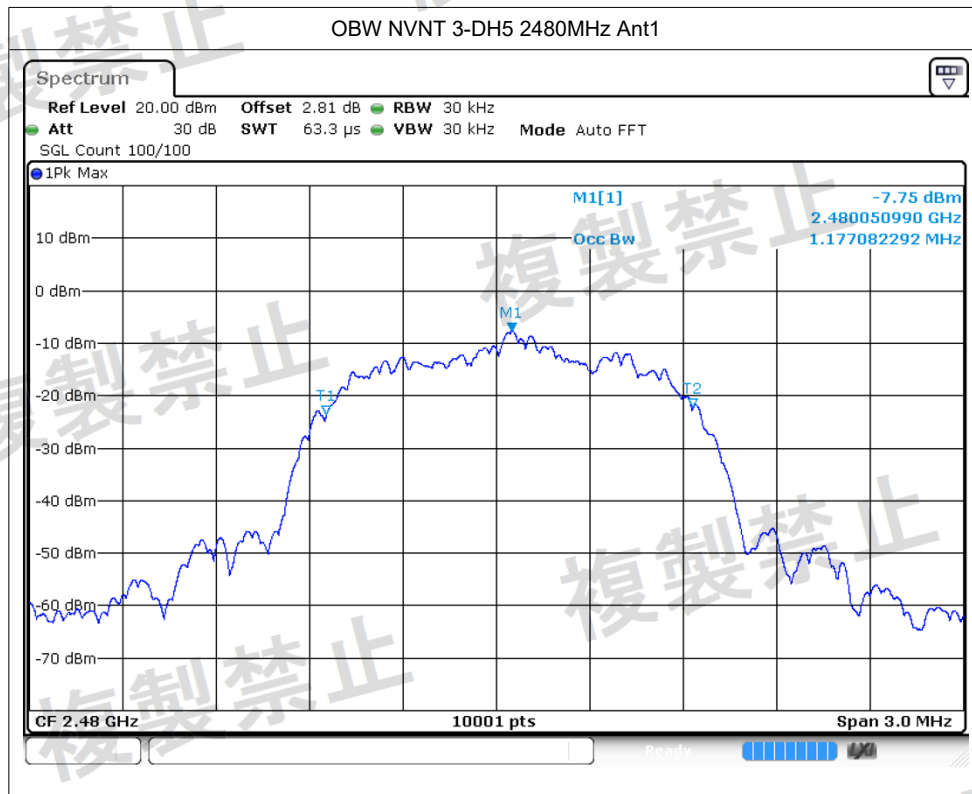
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.889
NVNT	1-DH5	2441	Ant1	0.88
NVNT	1-DH5	2480	Ant1	0.882
NVNT	2-DH5	2402	Ant1	1.161
NVNT	2-DH5	2441	Ant1	1.17
NVNT	2-DH5	2480	Ant1	1.179
NVNT	3-DH5	2402	Ant1	1.19
NVNT	3-DH5	2441	Ant1	1.193
NVNT	3-DH5	2480	Ant1	1.177





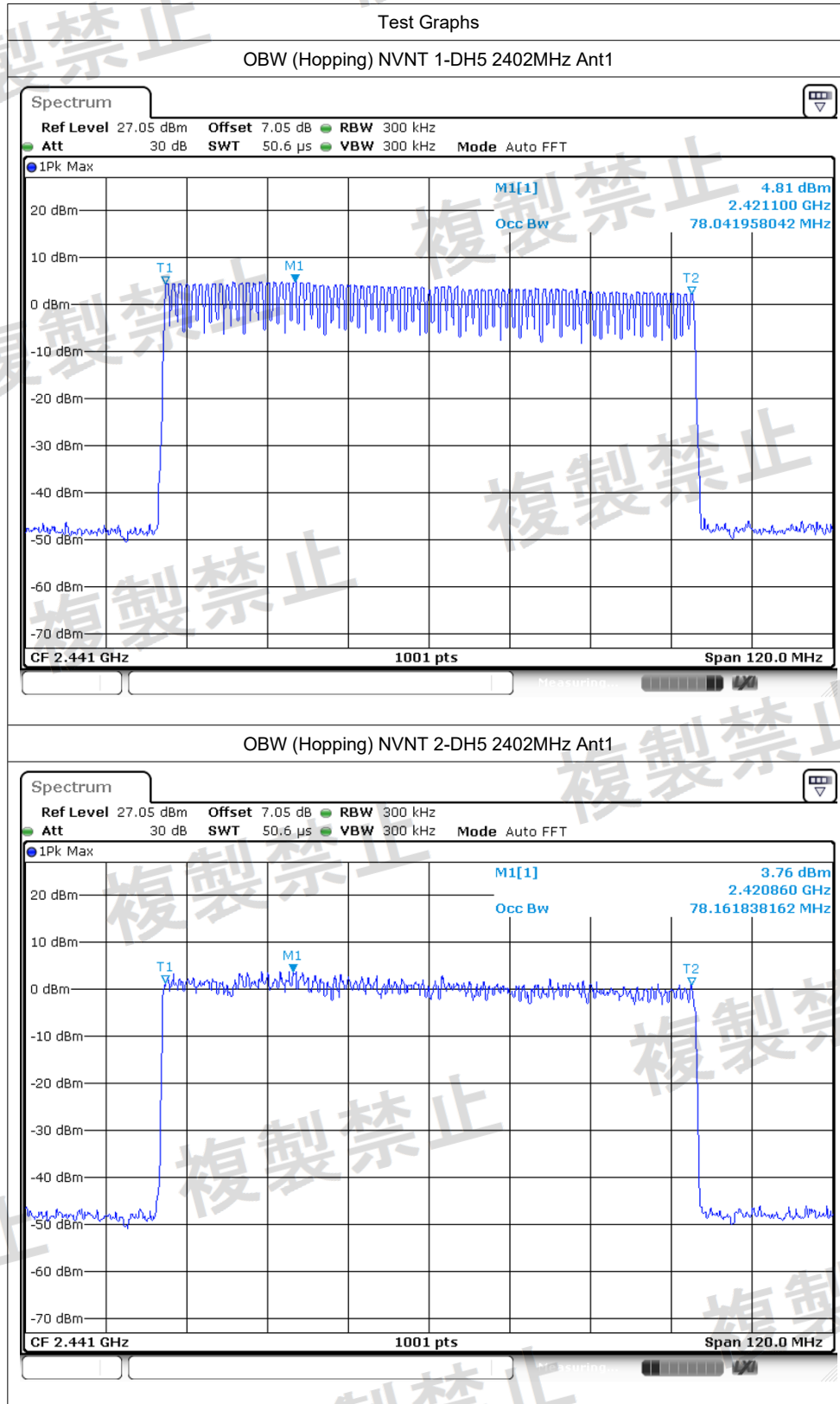


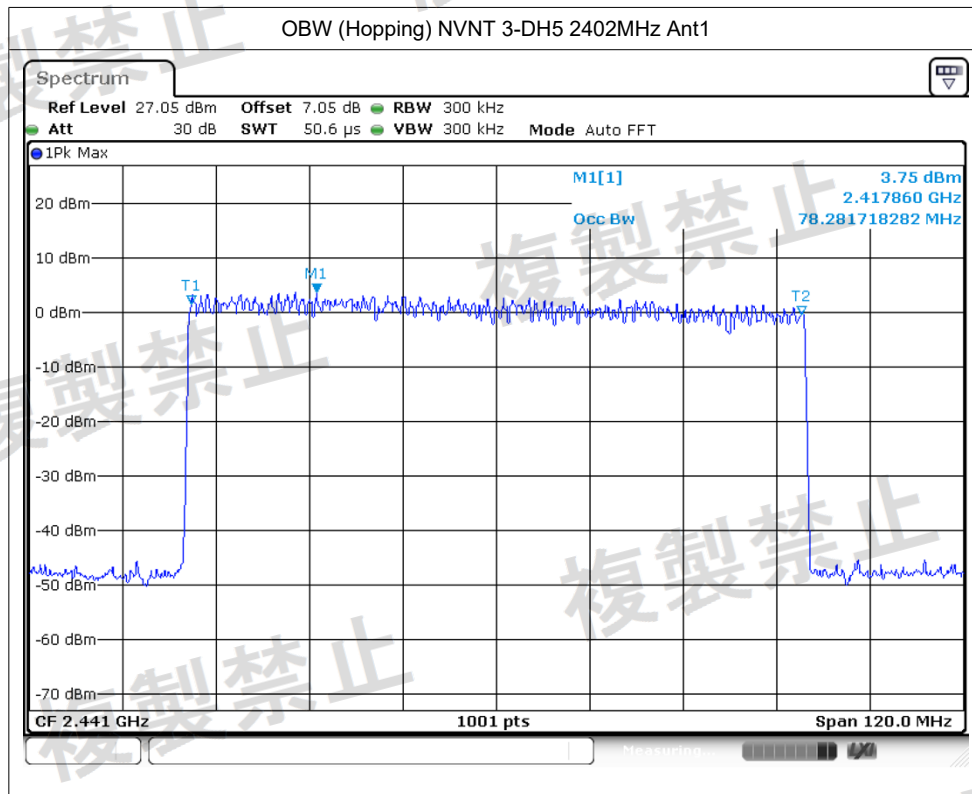




Occupied Channel Bandwidth (Hopping)

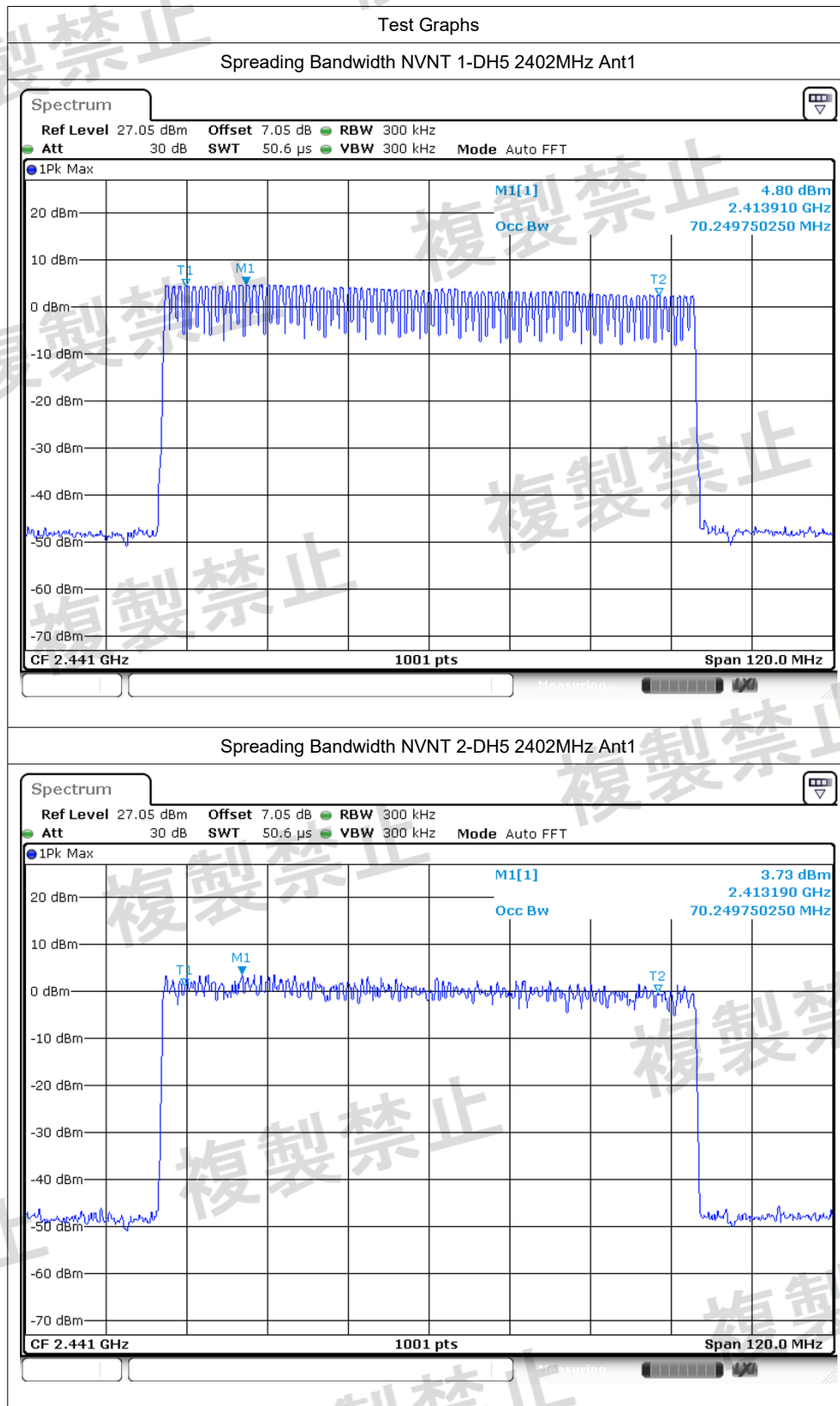
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	78.042
NVNT	2-DH5	2402	Ant1	78.162
NVNT	3-DH5	2402	Ant1	78.282

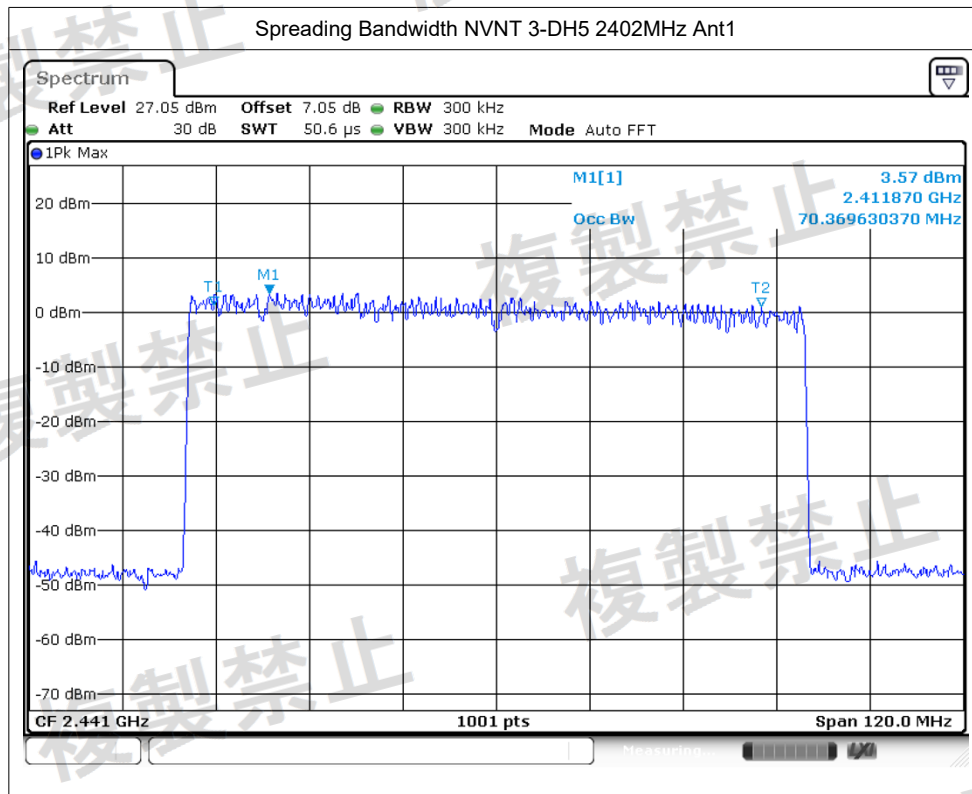




Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	70.25	0.5	Pass
NVNT	2-DH5	2402	Ant1	70.25	0.5	Pass
NVNT	3-DH5	2402	Ant1	70.37	0.5	Pass



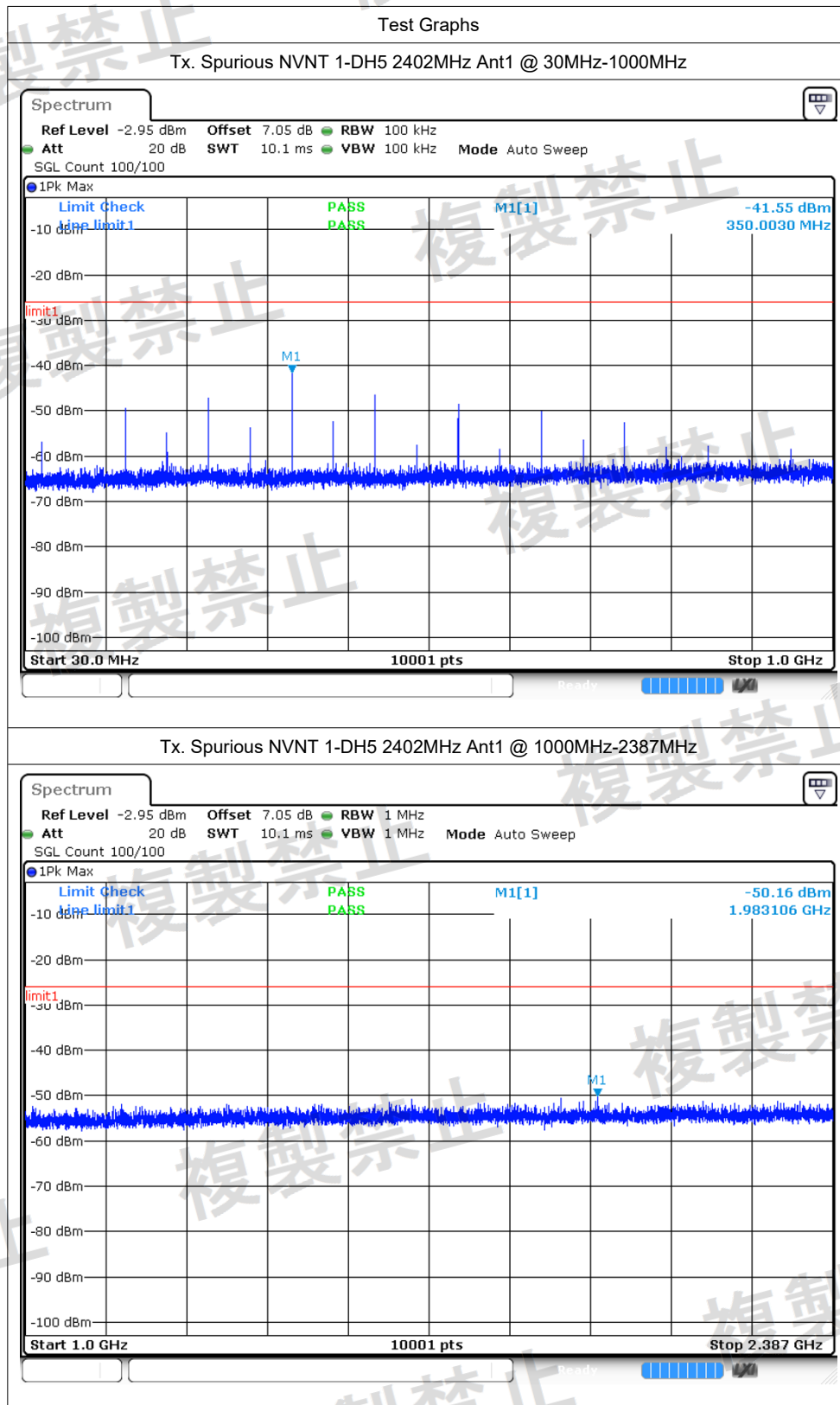


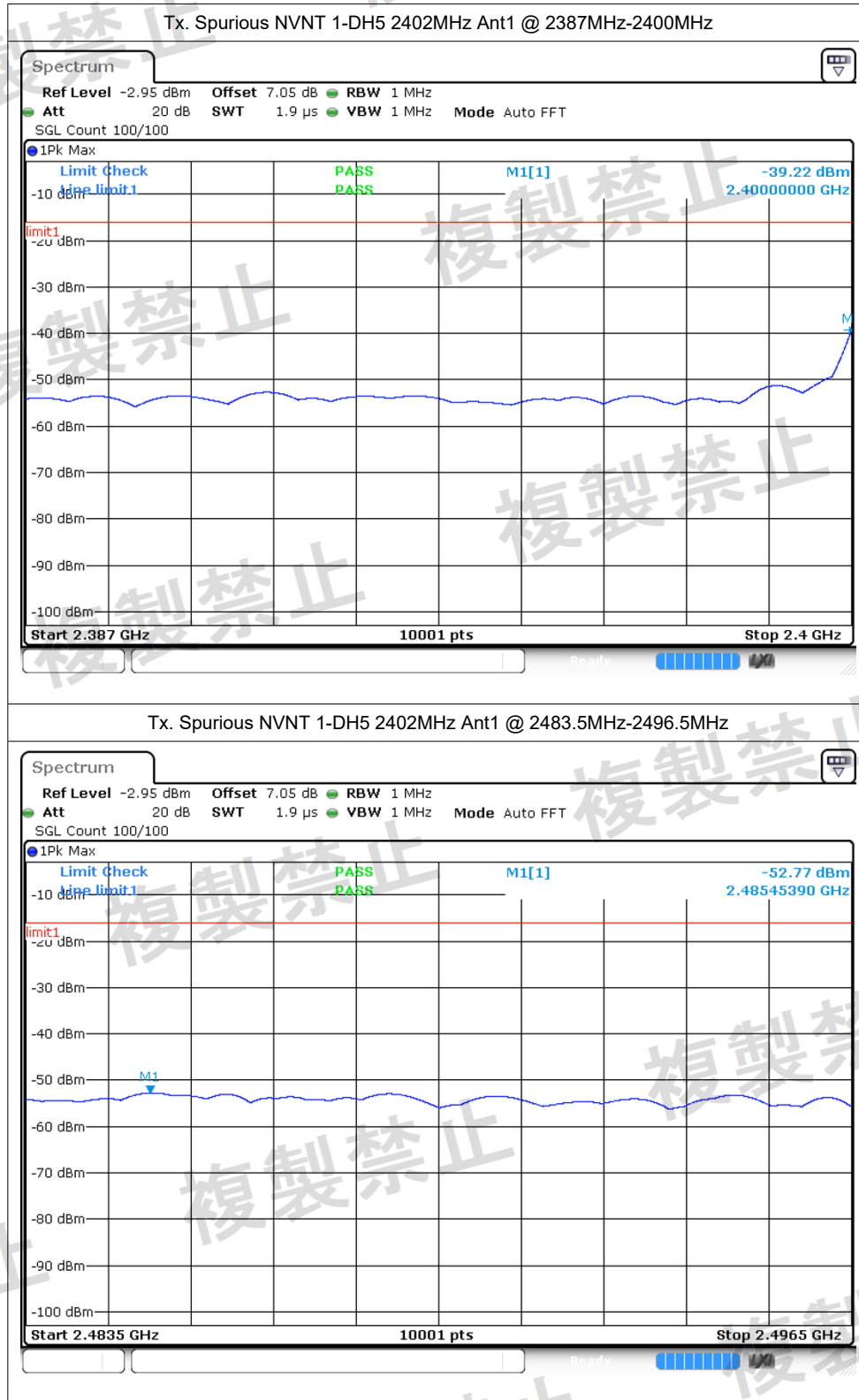
Tx Spurious Emission

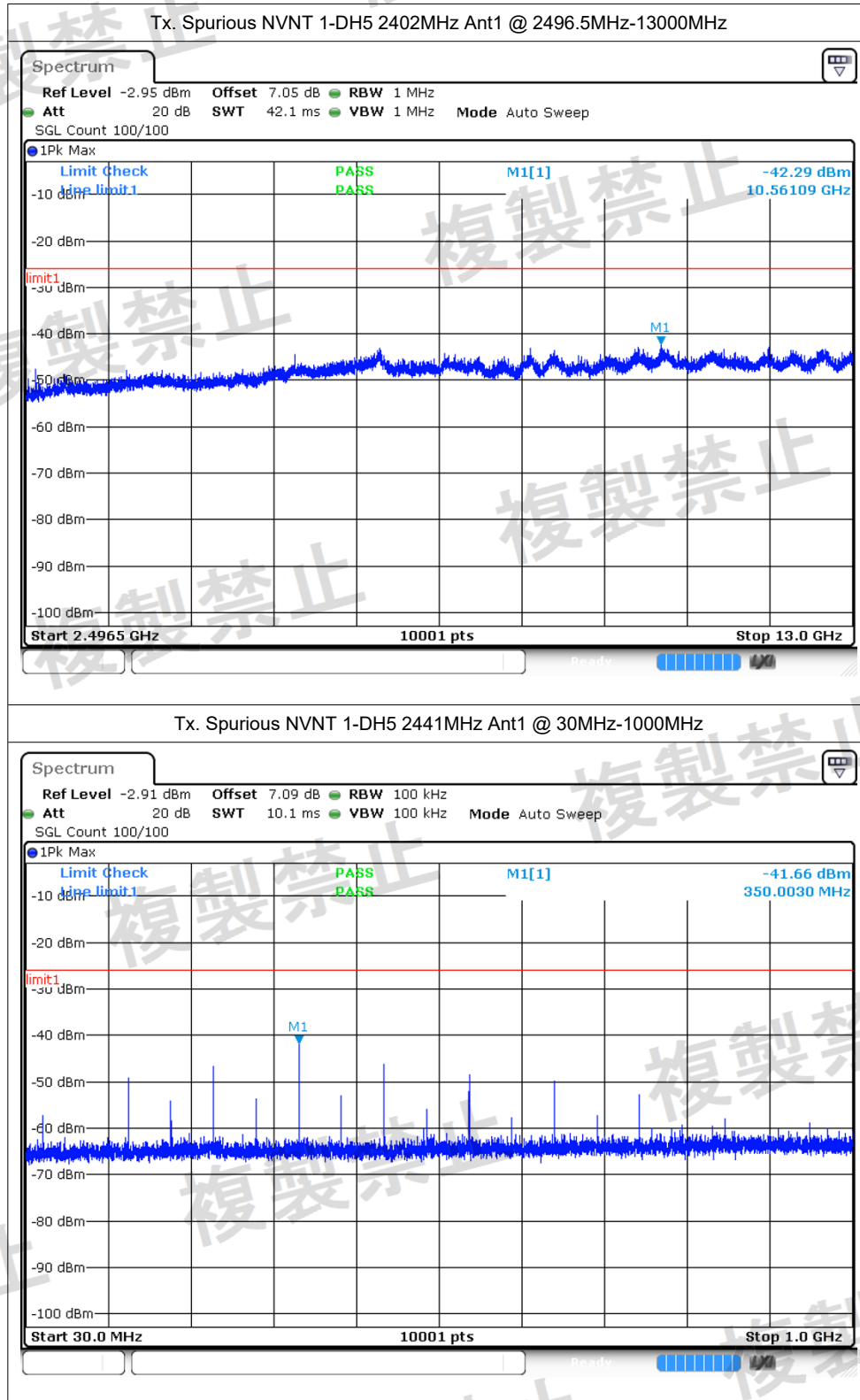
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	1-DH5	2402	Ant1	30-1000	350.00	-31.55	NA	0.6998	NA	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	1000-2387	1983.11	-50.16	NA	0.0096	NA	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	2387-2400	2400.00	-39.22	NA	0.1197	NA	25	25	Pass
NVNT	1-DH5	2402	Ant1	2483.5-2496.5	2485.45	-52.76	NA	0.0053	NA	25	25	Pass
NVNT	1-DH5	2402	Ant1	2496.5-13000	10561.09	-42.29	NA	0.059	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	30-1000	350.00	-31.65	NA	0.6839	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	1000-2387	1365.34	-50.66	NA	0.0086	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	2387-2400	2395.57	-53.51	NA	0.0045	NA	25	25	Pass
NVNT	1-DH5	2441	Ant1	2483.5-2496.5	2488.04	-53.24	NA	0.0047	NA	25	25	Pass
NVNT	1-DH5	2441	Ant1	2496.5-13000	10657.72	-42.16	NA	0.0608	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	30-1000	350.00	-31.66	NA	0.6823	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	1000-2387	1937.89	-50.15	NA	0.0097	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	2387-2400	2395.32	-52.59	NA	0.0055	NA	25	25	Pass
NVNT	1-DH5	2480	Ant1	2483.5-2496.5	2490.57	-52.48	NA	0.0056	NA	25	25	Pass
NVNT	1-DH5	2480	Ant1	2496.5-13000	11194.45	-42.18	NA	0.0605	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	30-1000	350.00	-31.63	NA	0.6871	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	1000-2387	1637.47	-49.61	NA	0.0109	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	2387-2400	2400.00	-35.61	NA	0.2748	NA	25	25	Pass
NVNT	2-DH5	2402	Ant1	2483.5-2496.5	2490.54	-52.36	NA	0.0058	NA	25	25	Pass
NVNT	2-DH5	2402	Ant1	2496.5-13000	12615.57	-42.72	NA	0.0535	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	30-1000	350.00	-31.72	NA	0.673	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	1000-2387	2216.54	-50.36	NA	0.0092	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	2387-2400	2388.04	-52.80	NA	0.0052	NA	25	25	Pass
NVNT	2-DH5	2441	Ant1	2483.5-2496.5	2483.94	-52.93	NA	0.0051	NA	25	25	Pass
NVNT	2-DH5	2441	Ant1	2496.5-13000	6888.01	-42.39	NA	0.0577	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	30-1000	350.00	-31.79	NA	0.6622	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	1000-2387	2158.28	-49.81	NA	0.0104	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	2387-2400	2395.80	-52.20	NA	0.006	NA	25	25	Pass
NVNT	2-DH5	2480	Ant1	2483.5-2496.5	2488.23	-51.97	NA	0.0064	NA	25	25	Pass
NVNT	2-DH5	2480	Ant1	2496.5-13000	11245.92	-42.42	NA	0.0573	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	30-1000	350.00	-31.76	NA	0.6668	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	1000-2387	1969.10	-50.77	NA	0.0084	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	2387-2400	2400.00	-34.95	NA	0.3199	NA	25	25	Pass
NVNT	3-DH5	2402	Ant1	2483.5-2496.5	2489.93	-53.14	NA	0.0049	NA	25	25	Pass
NVNT	3-DH5	2402	Ant1	2496.5-13000	6966.79	-42.23	NA	0.0598	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	30-1000	350.00	-31.71	NA	0.6745	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	1000-2387	2067.85	-50.65	NA	0.0086	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	2387-2400	2399.02	-52.98	NA	0.005	NA	25	25	Pass

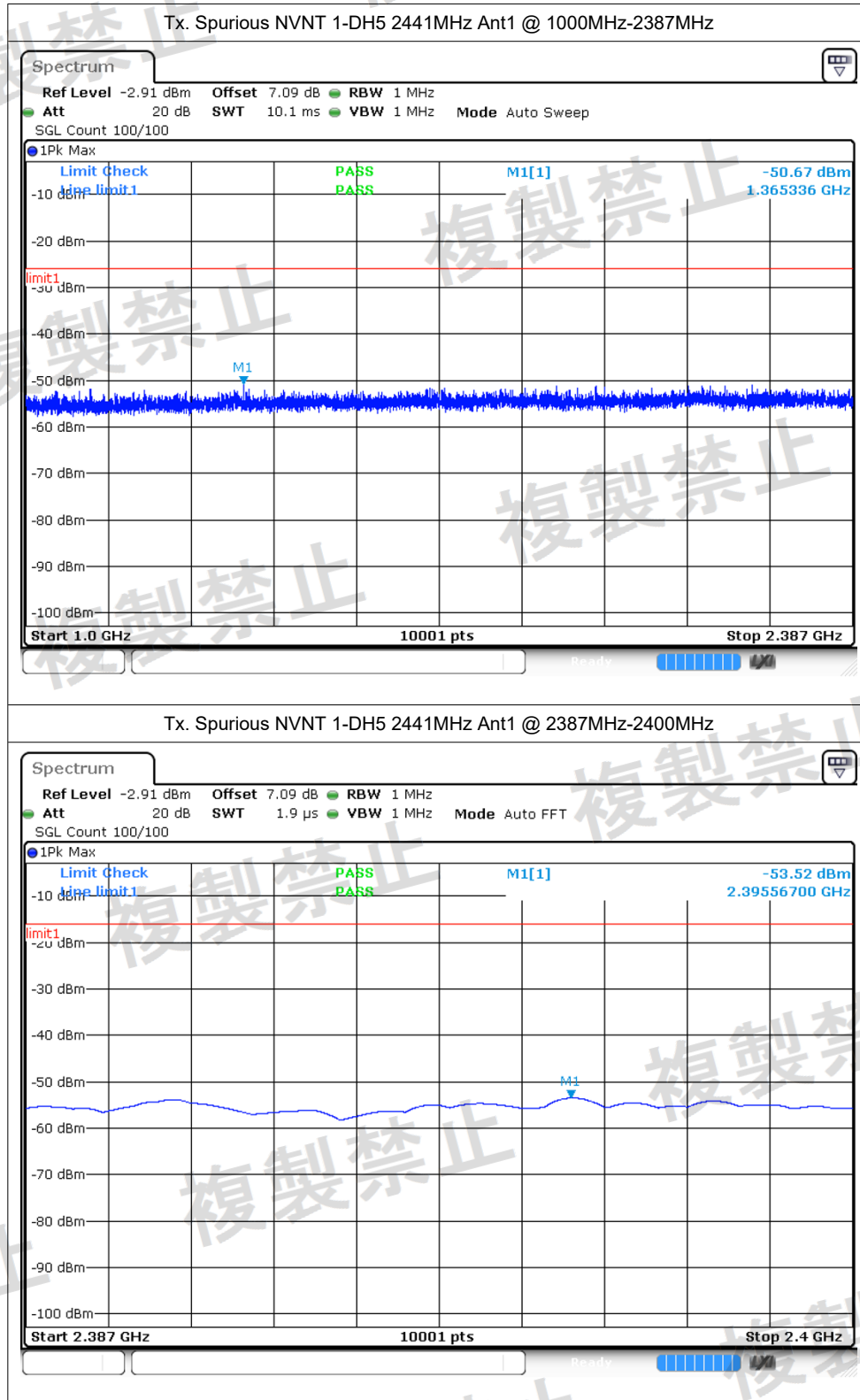


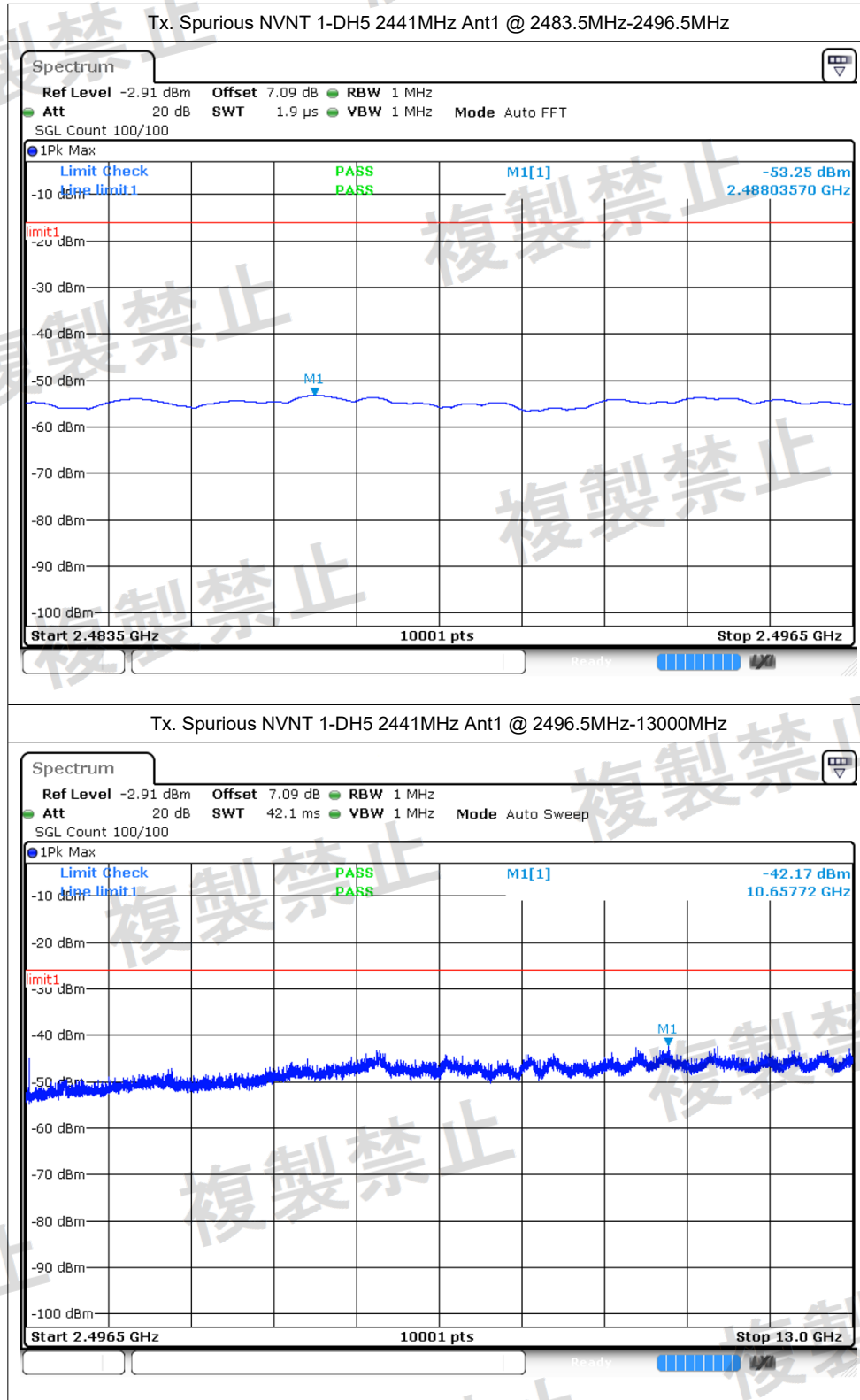
NVNT	3-DH5	2441	Ant1	2483.5-2496.5	2489.01	-52.13	NA	0.0061	NA	25	25	Pass
NVNT	3-DH5	2441	Ant1	2496.5-13000	11239.61	-42.45	NA	0.0569	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	30-1000	350.00	-31.65	NA	0.6839	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	1000-2387	1500.57	-49.82	NA	0.0104	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	2387-2400	2390.31	-52.45	NA	0.0057	NA	25	25	Pass
NVNT	3-DH5	2480	Ant1	2483.5-2496.5	2495.52	-52.19	NA	0.006	NA	25	25	Pass
NVNT	3-DH5	2480	Ant1	2496.5-13000	10595.75	-42.93	NA	0.0509	NA	2.5	2.5	Pass

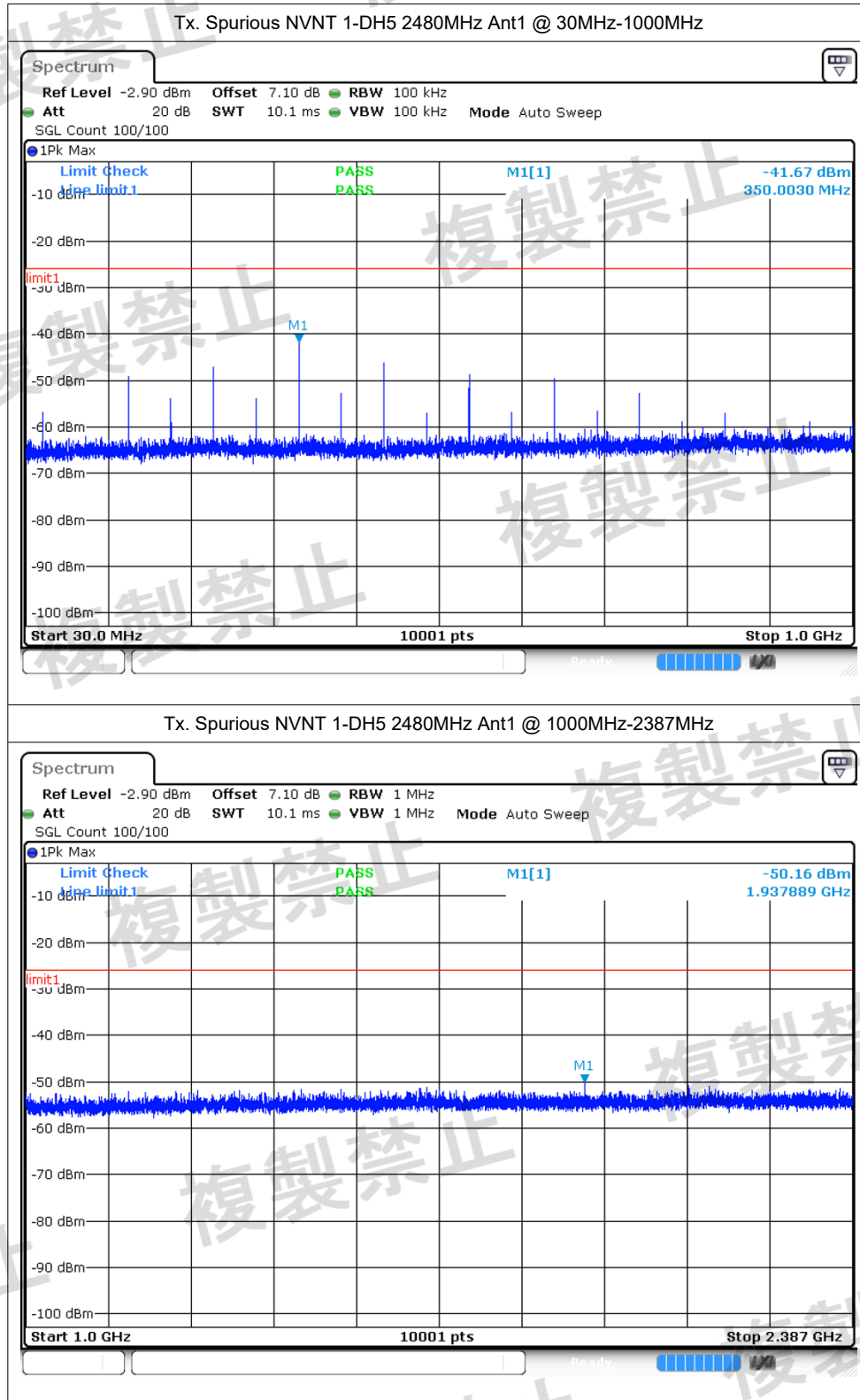


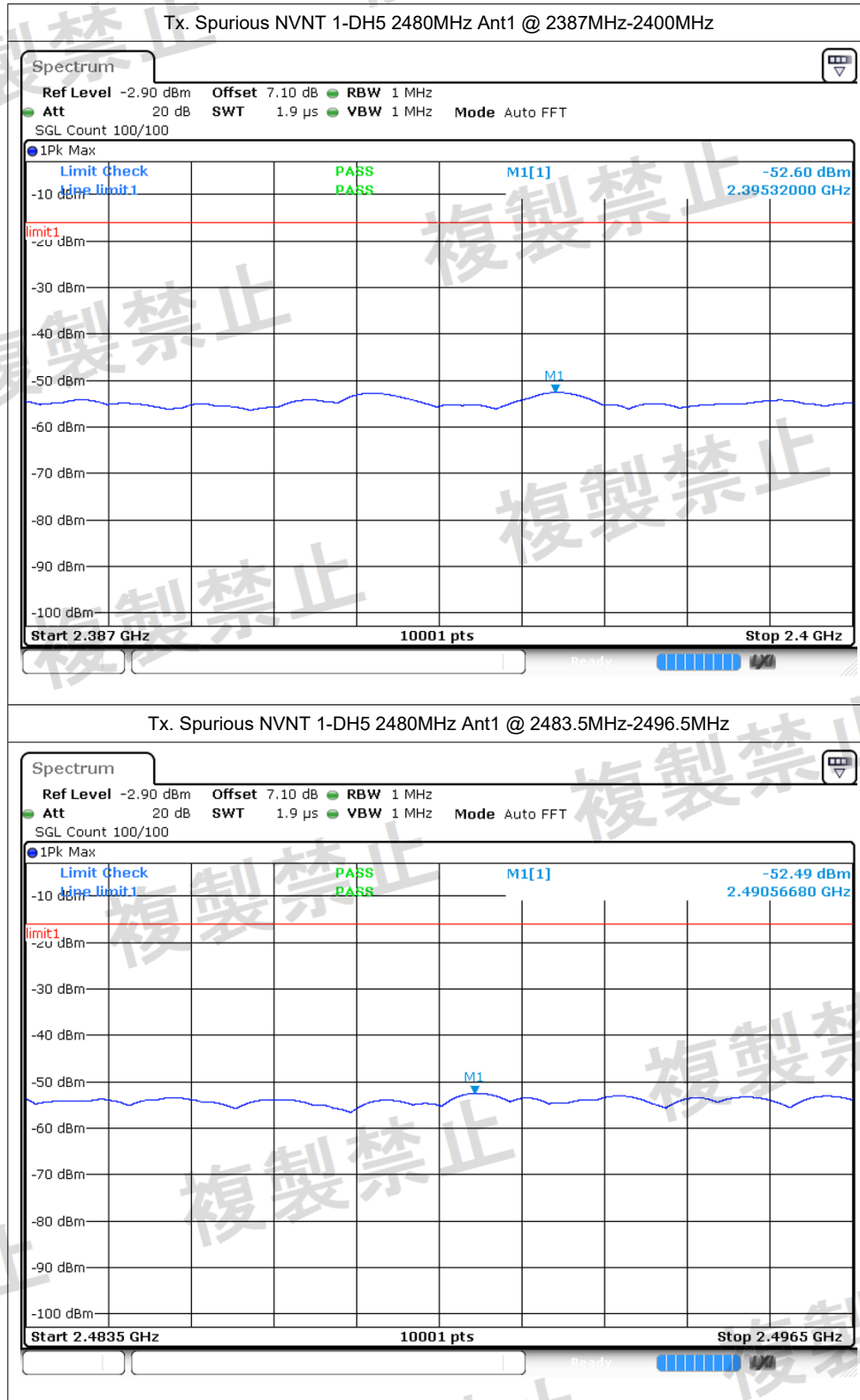


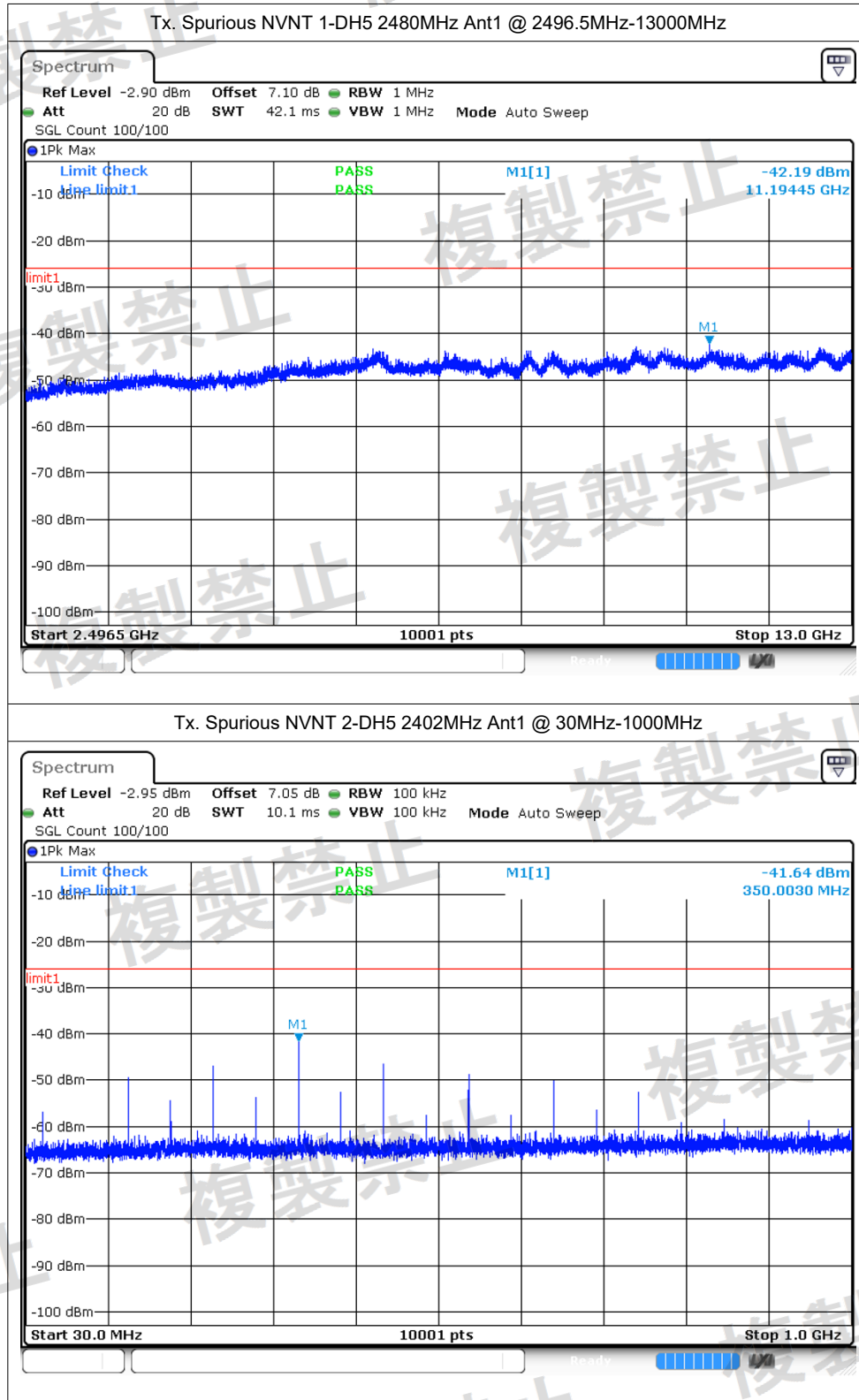


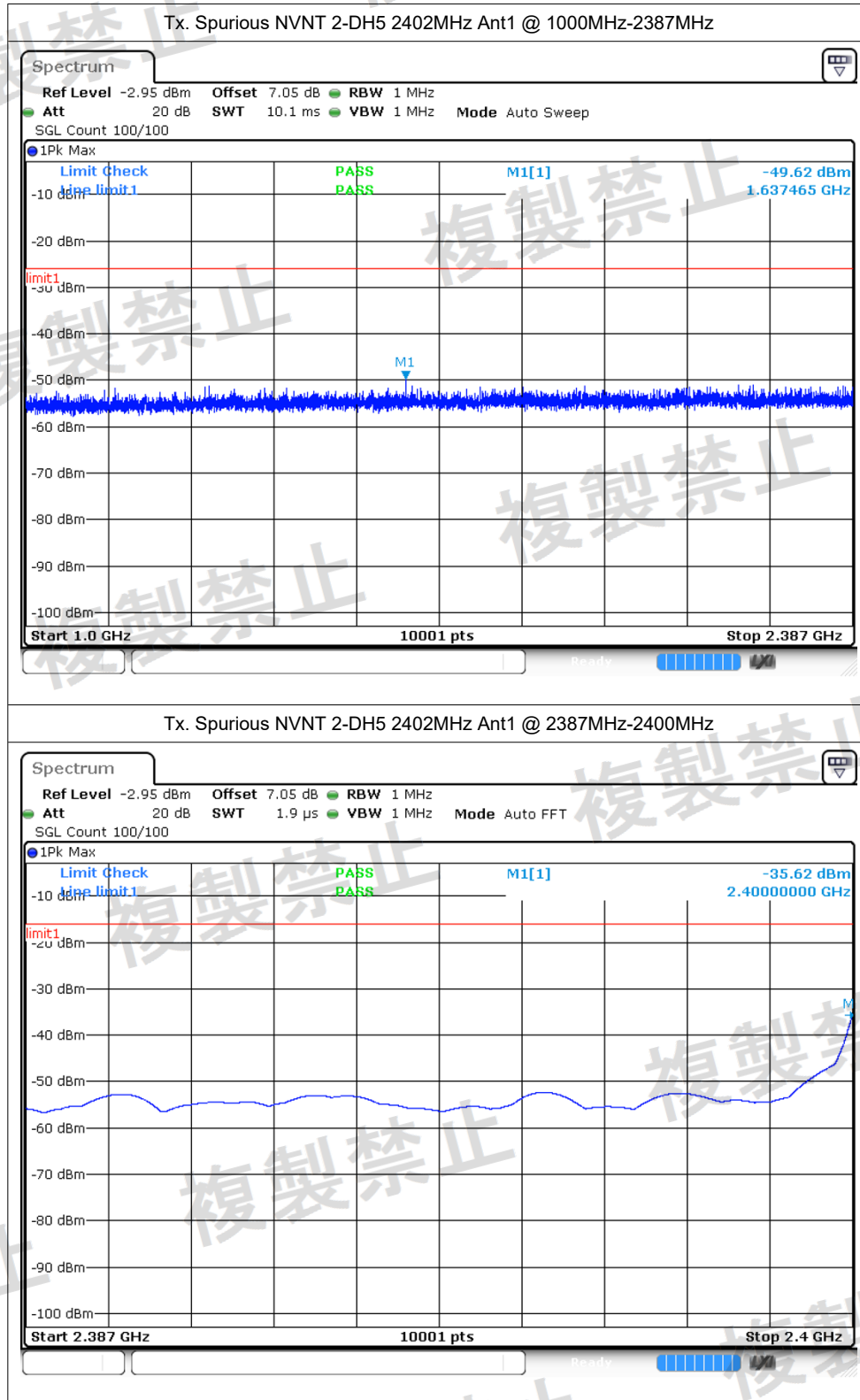


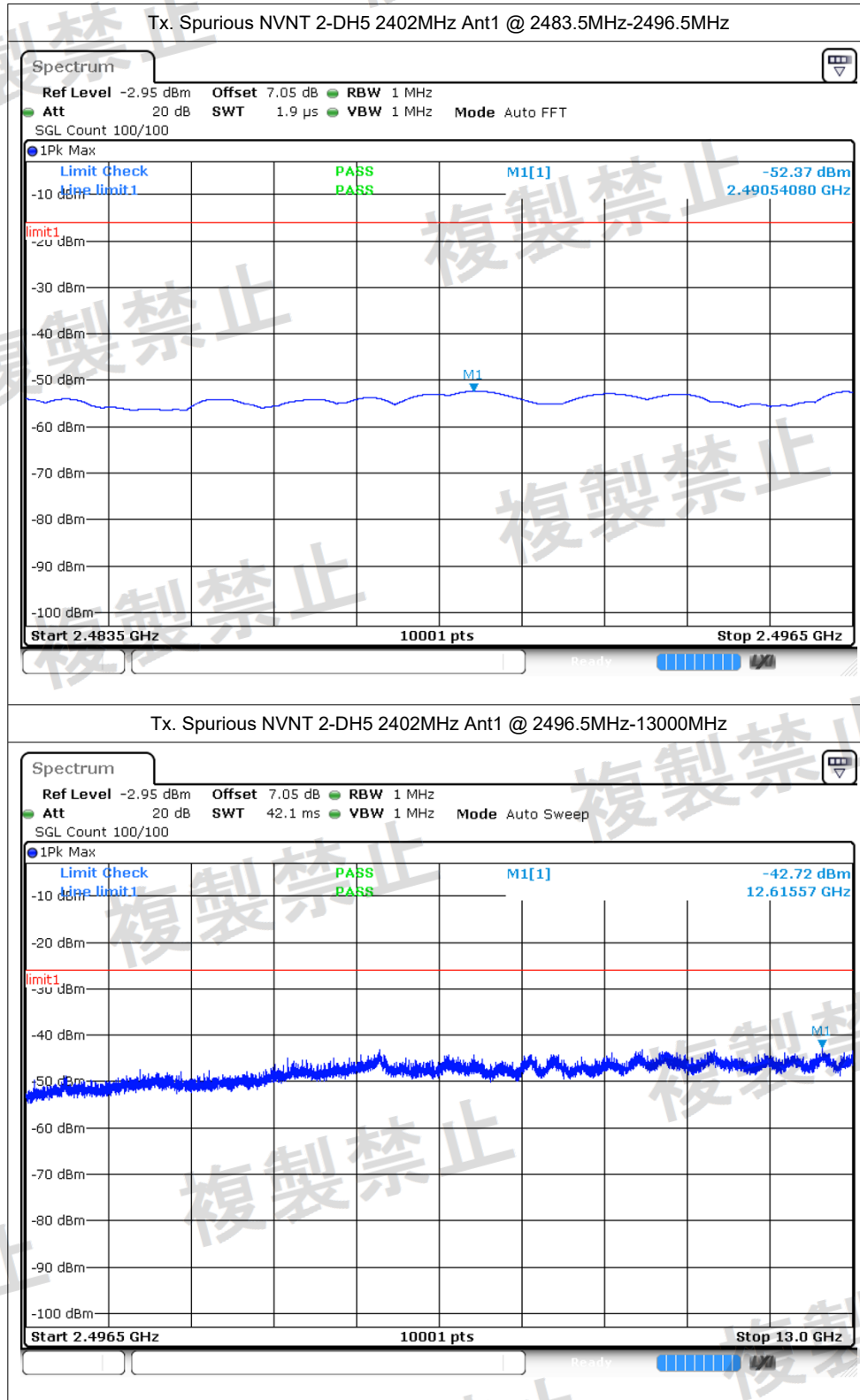


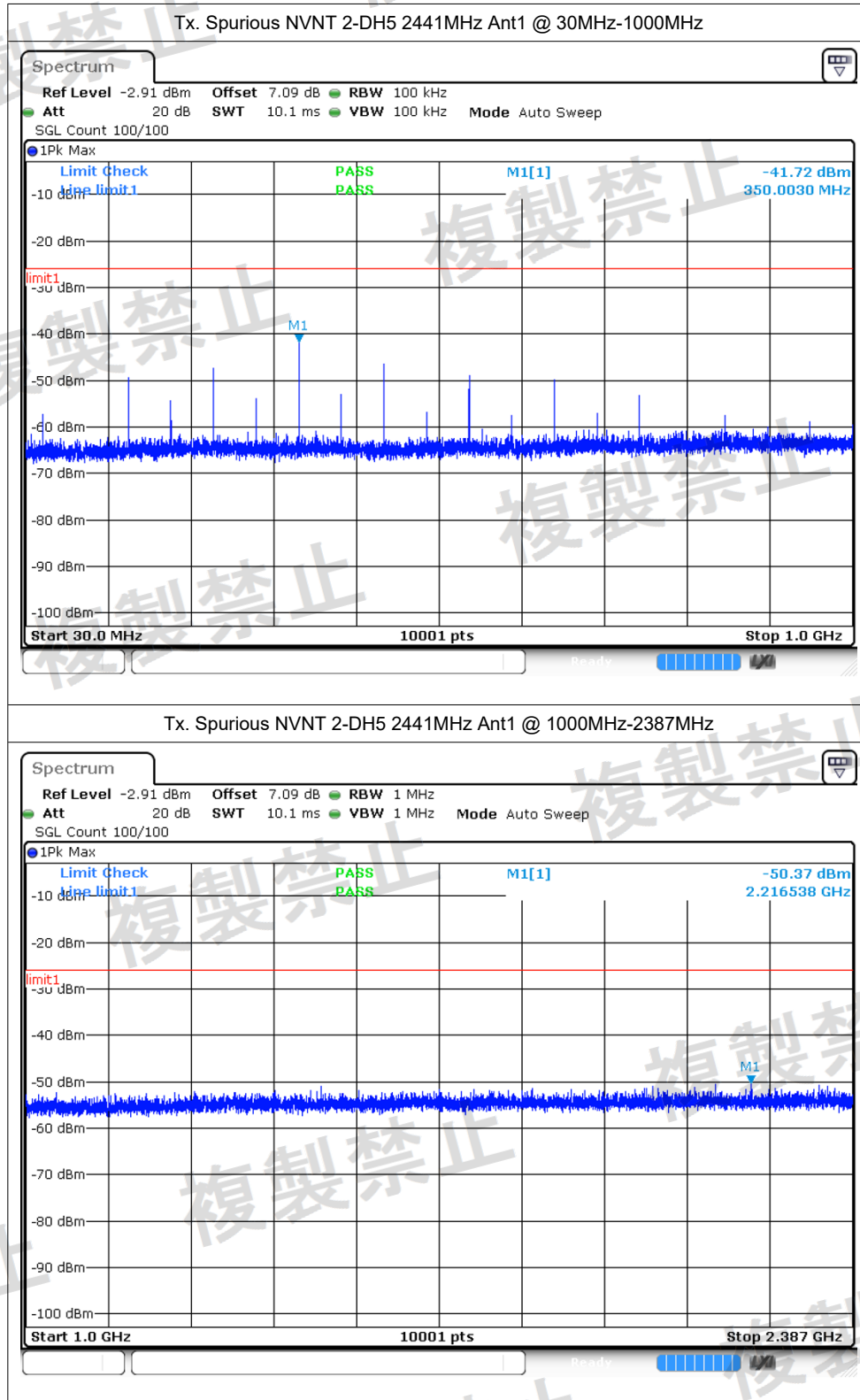


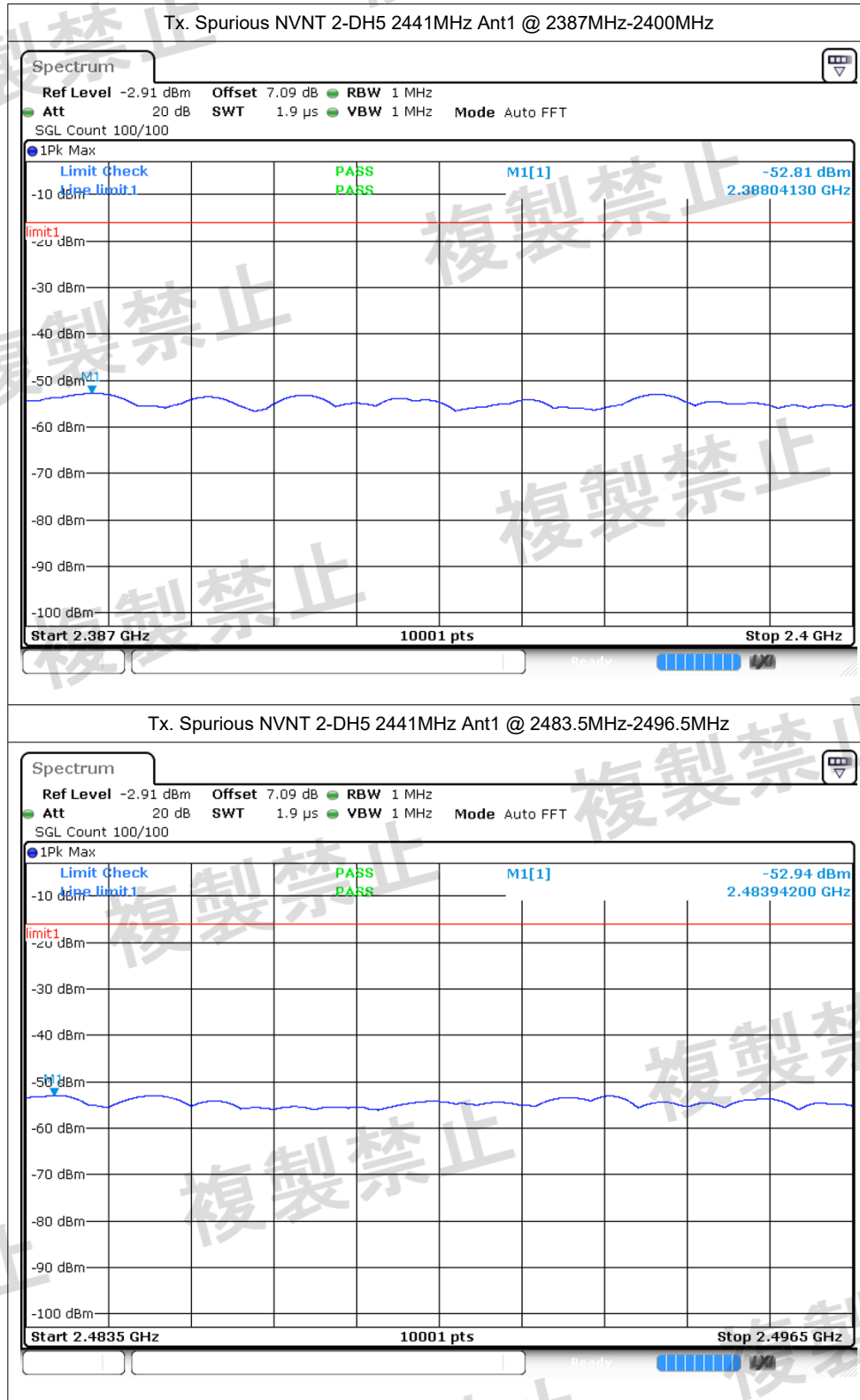


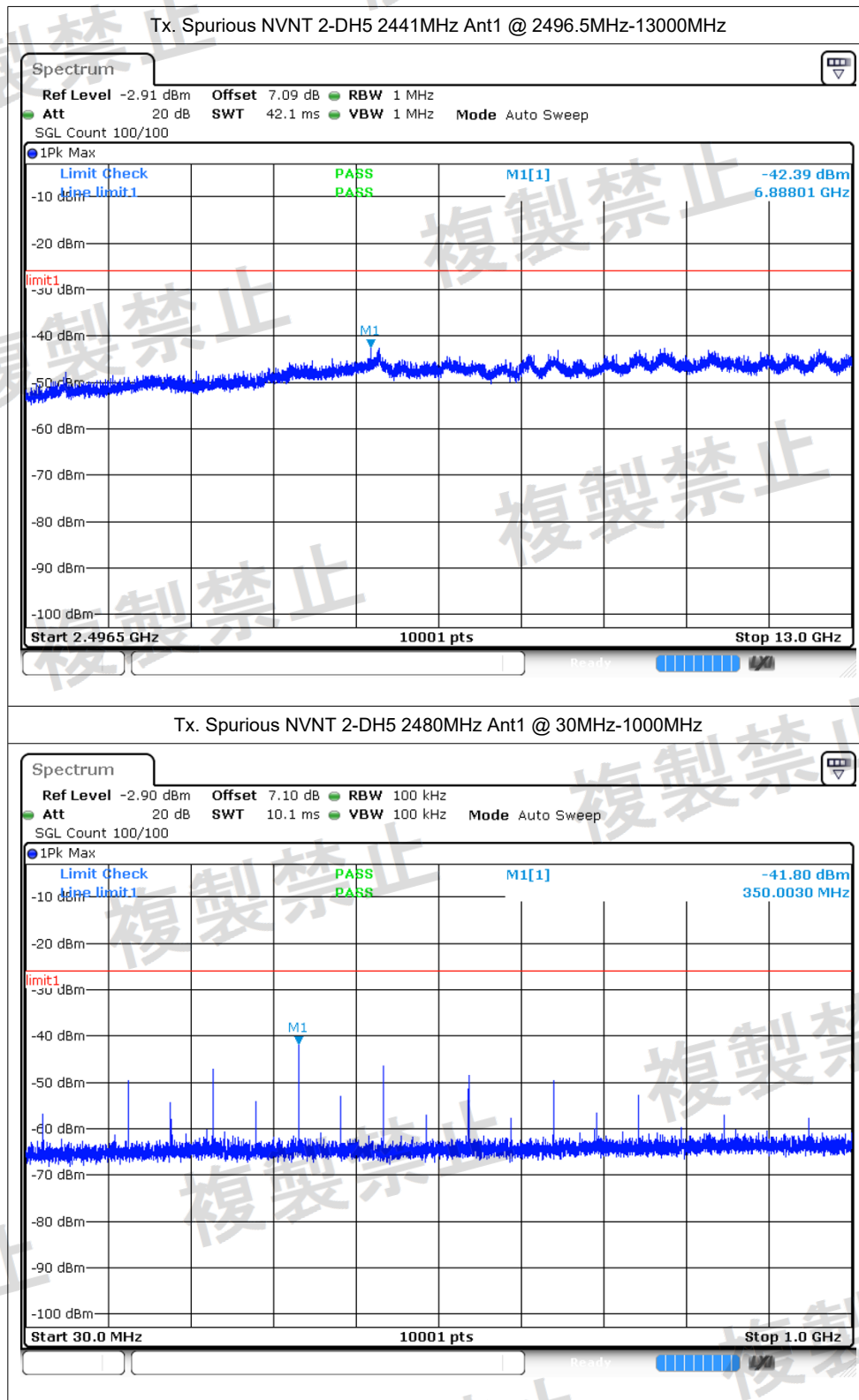


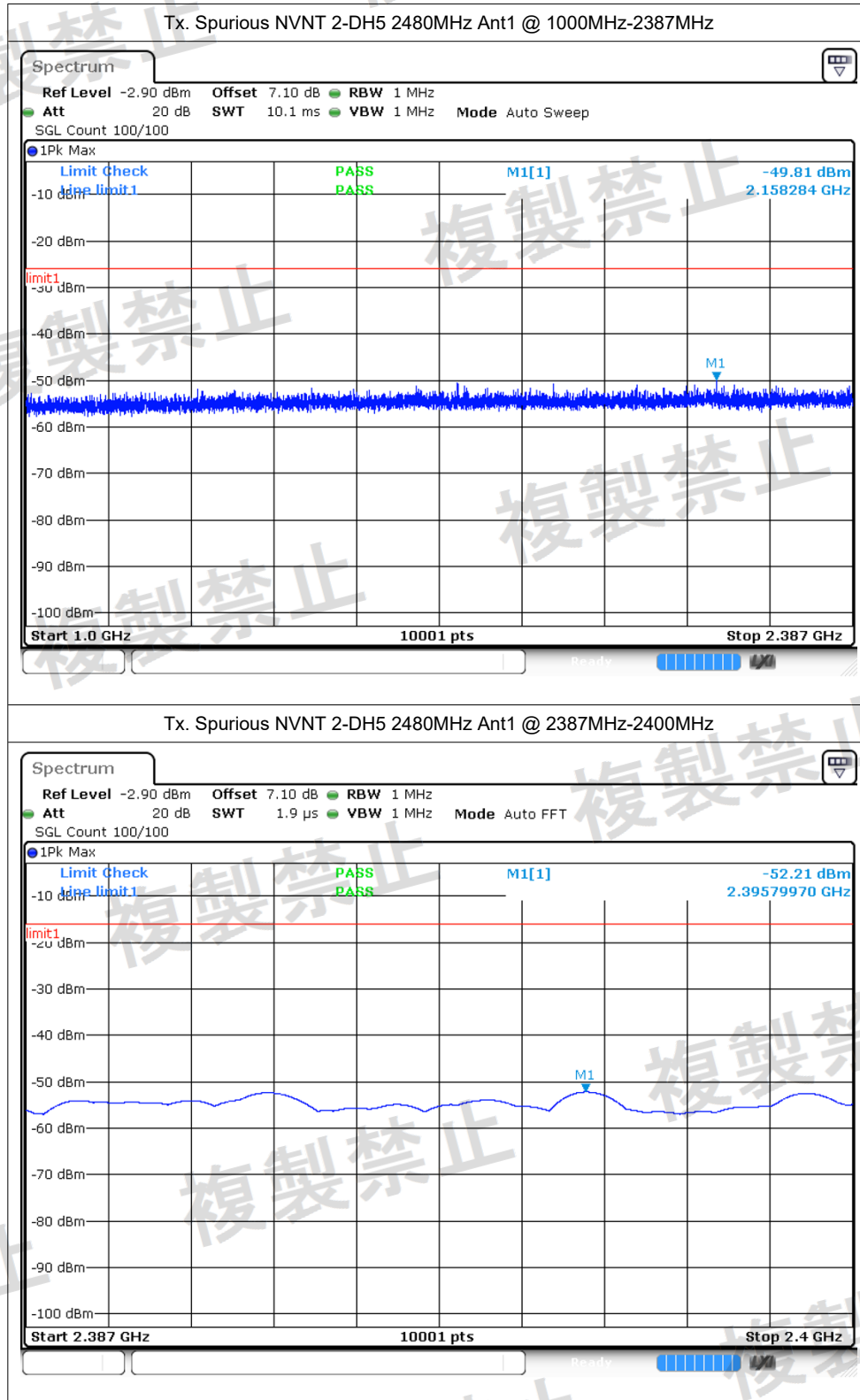


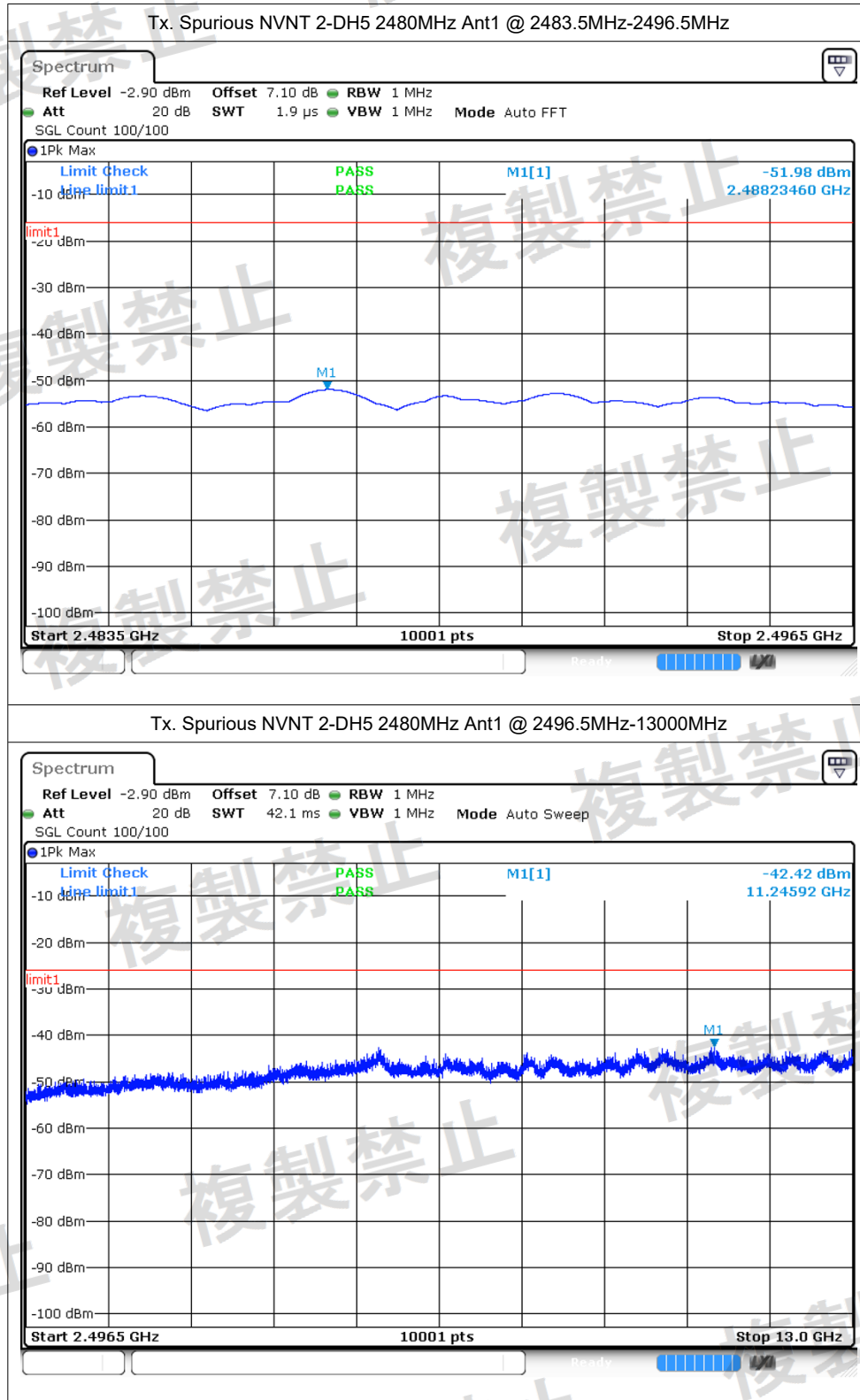


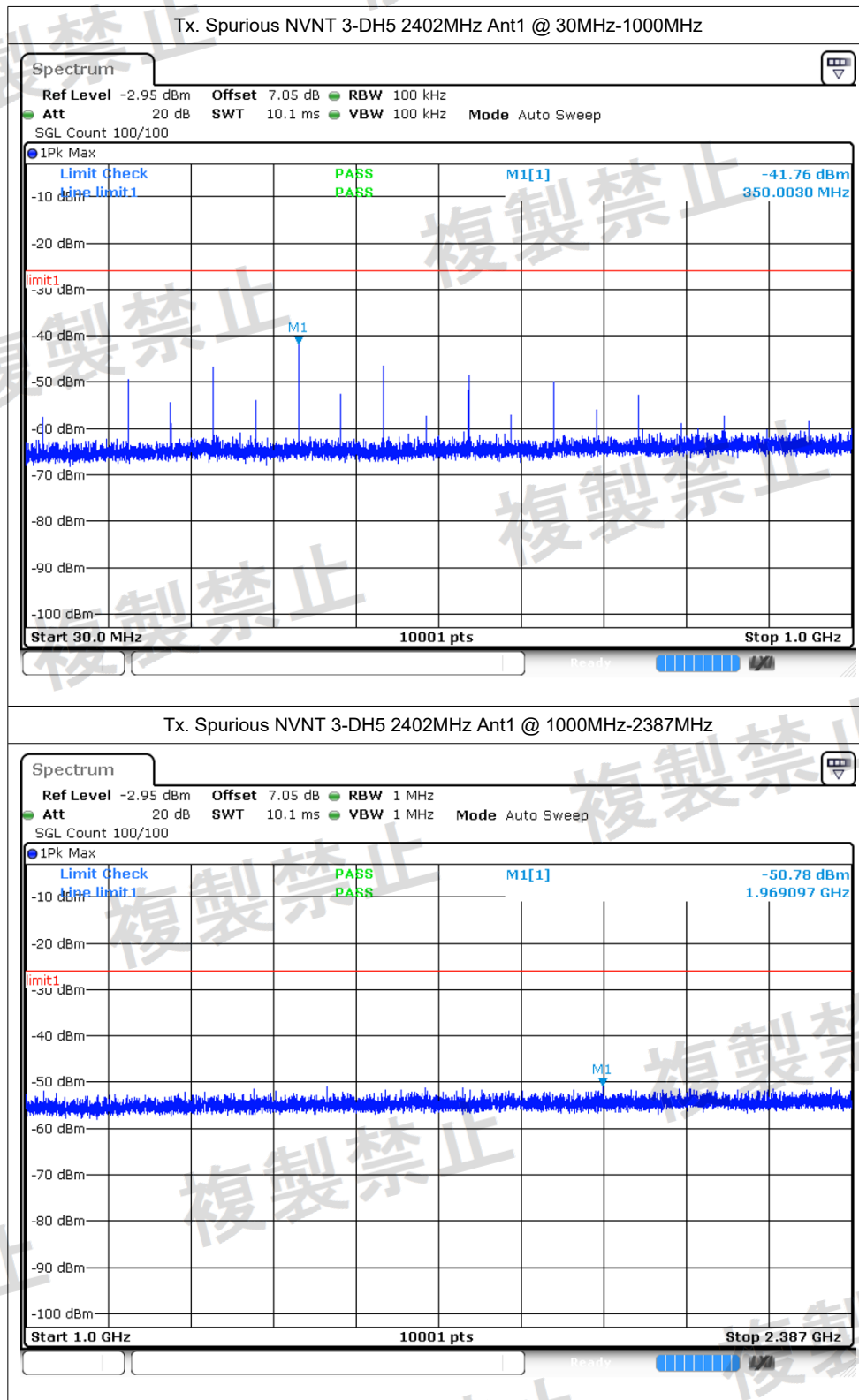


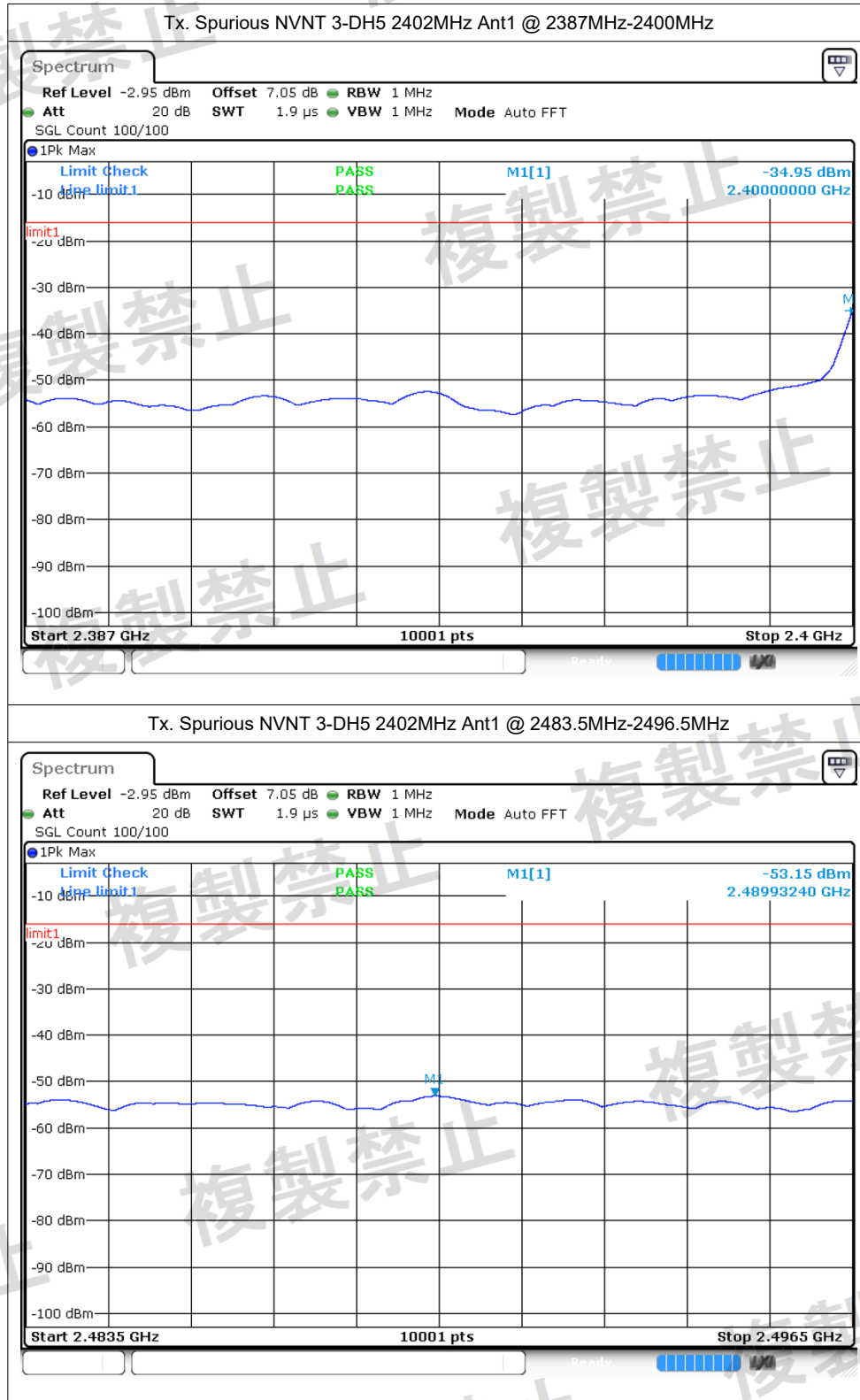


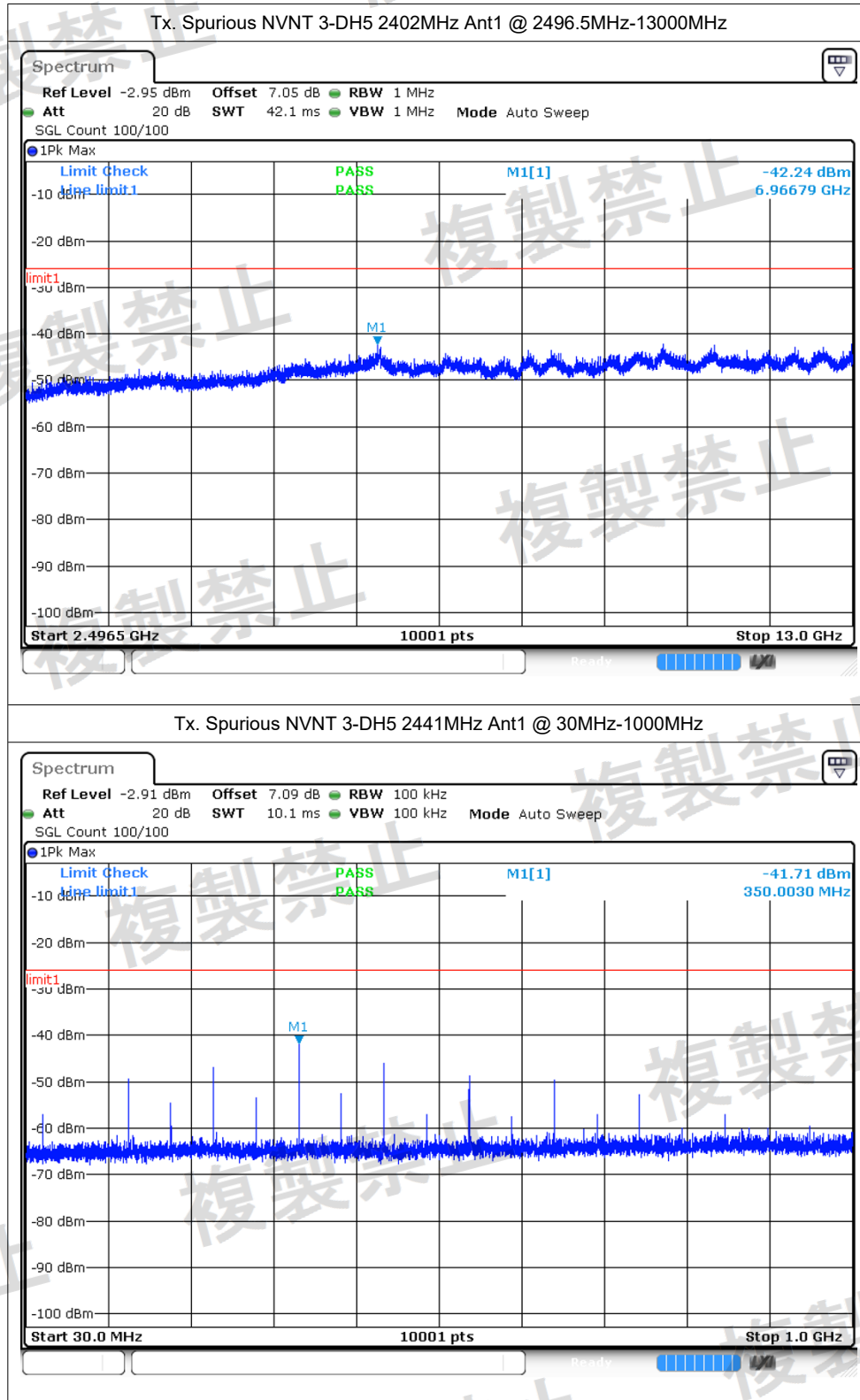


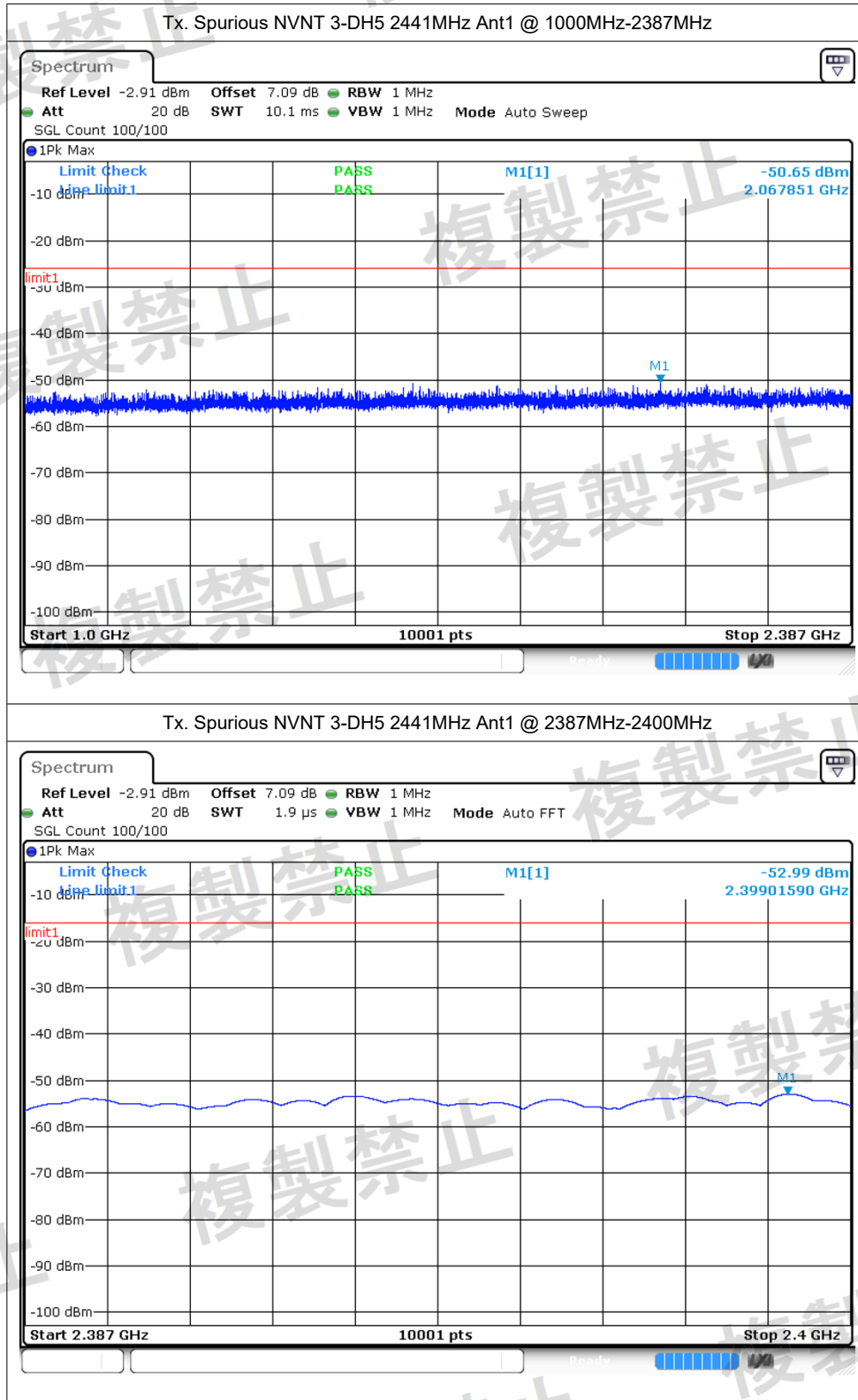


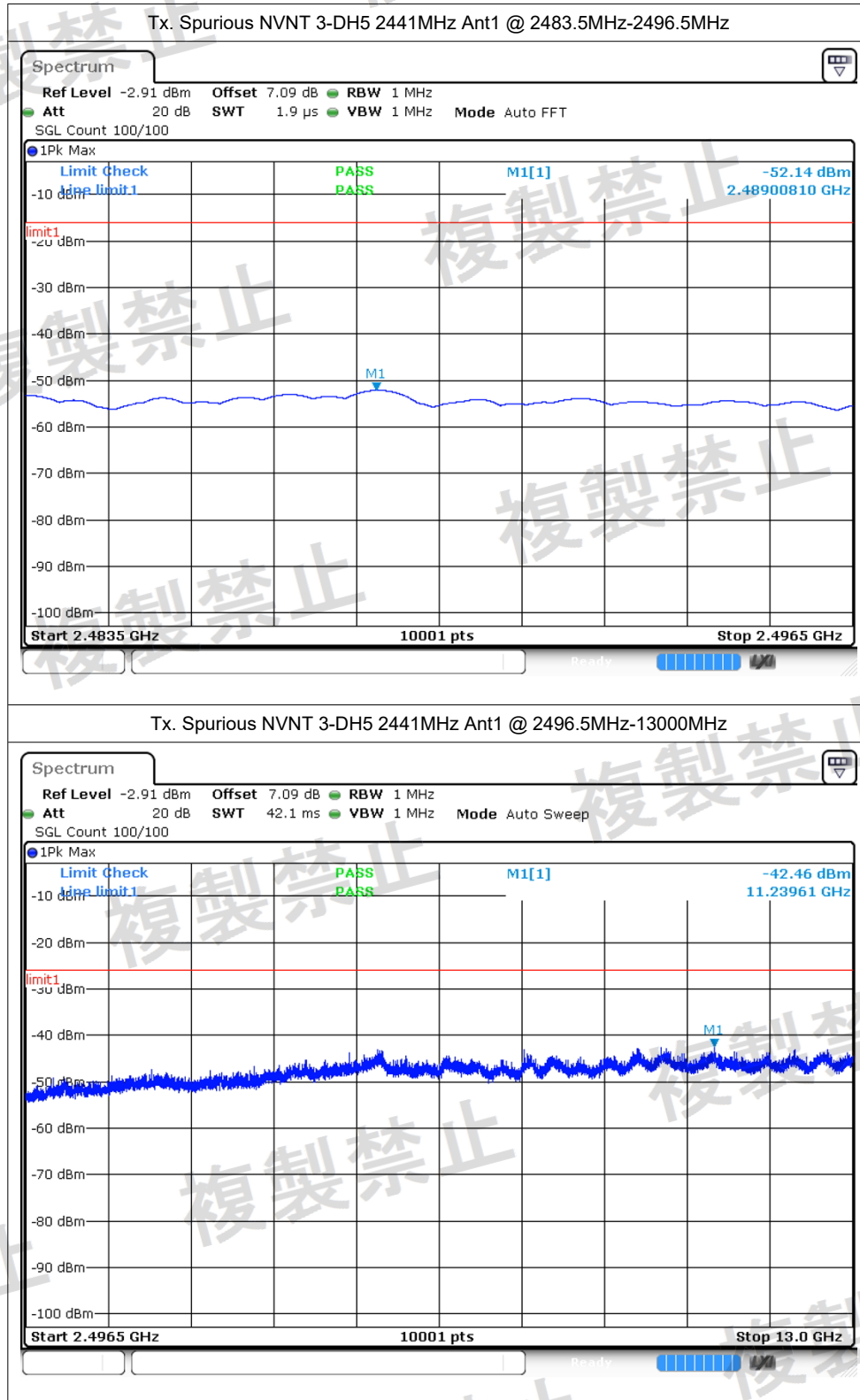


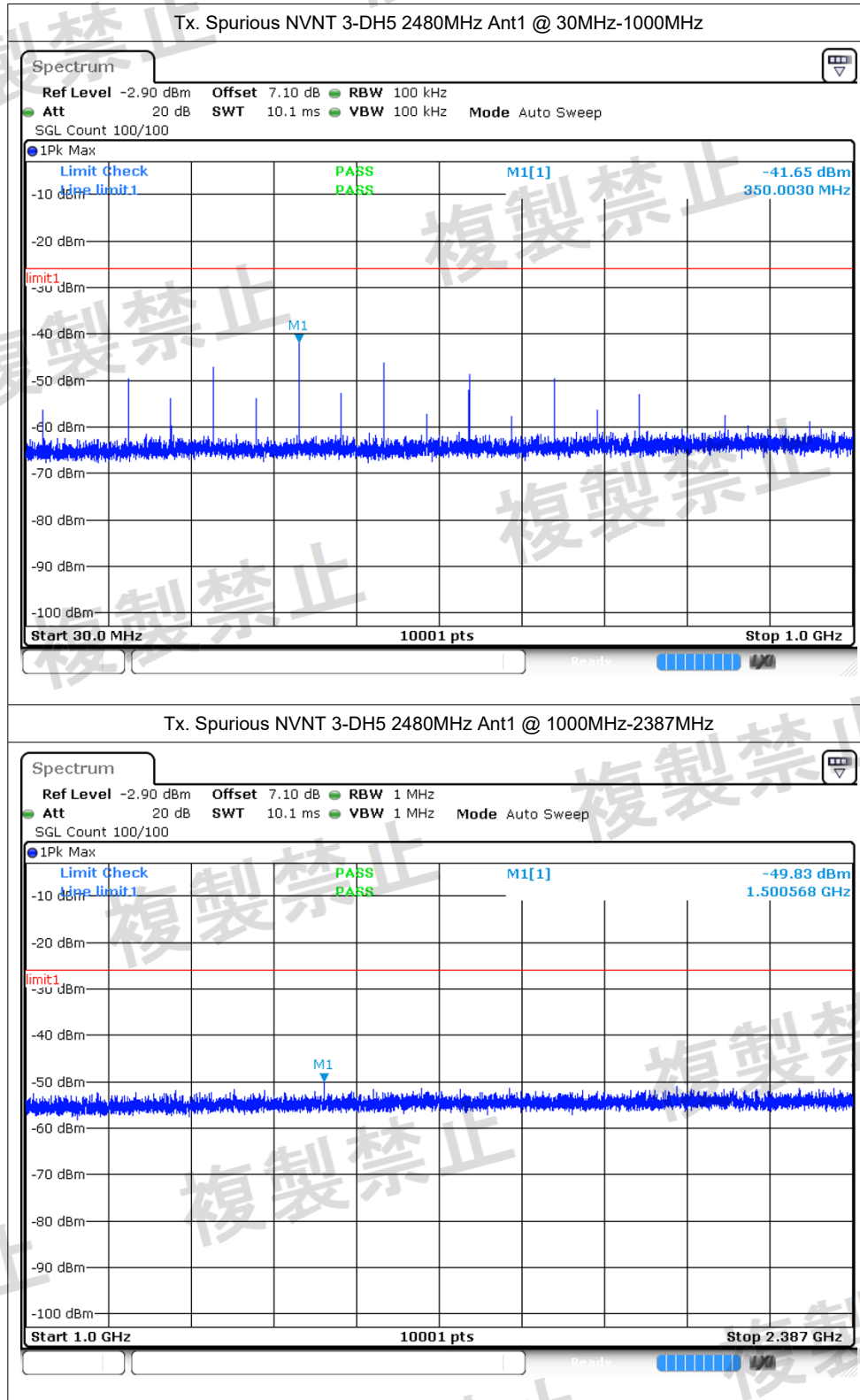


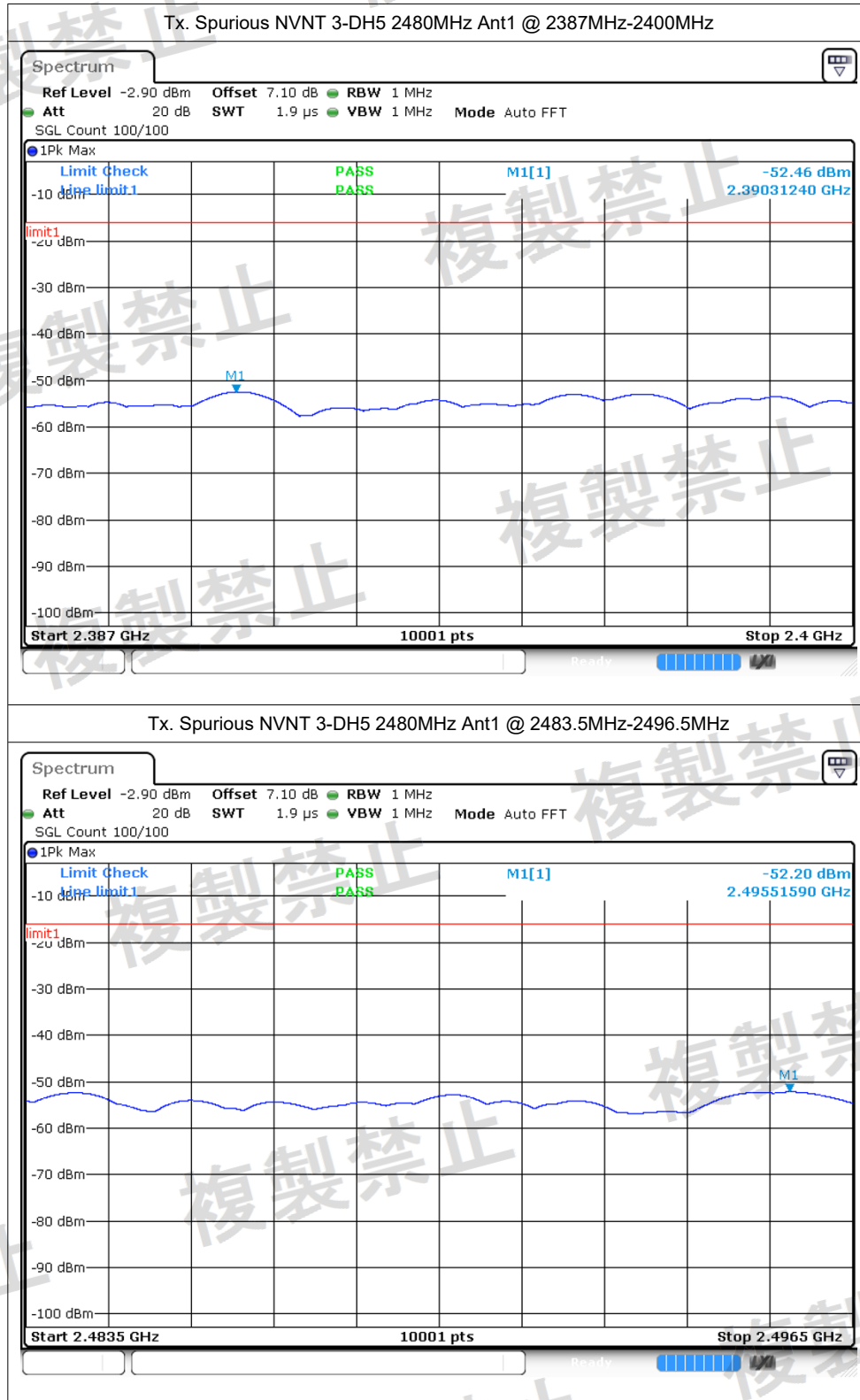


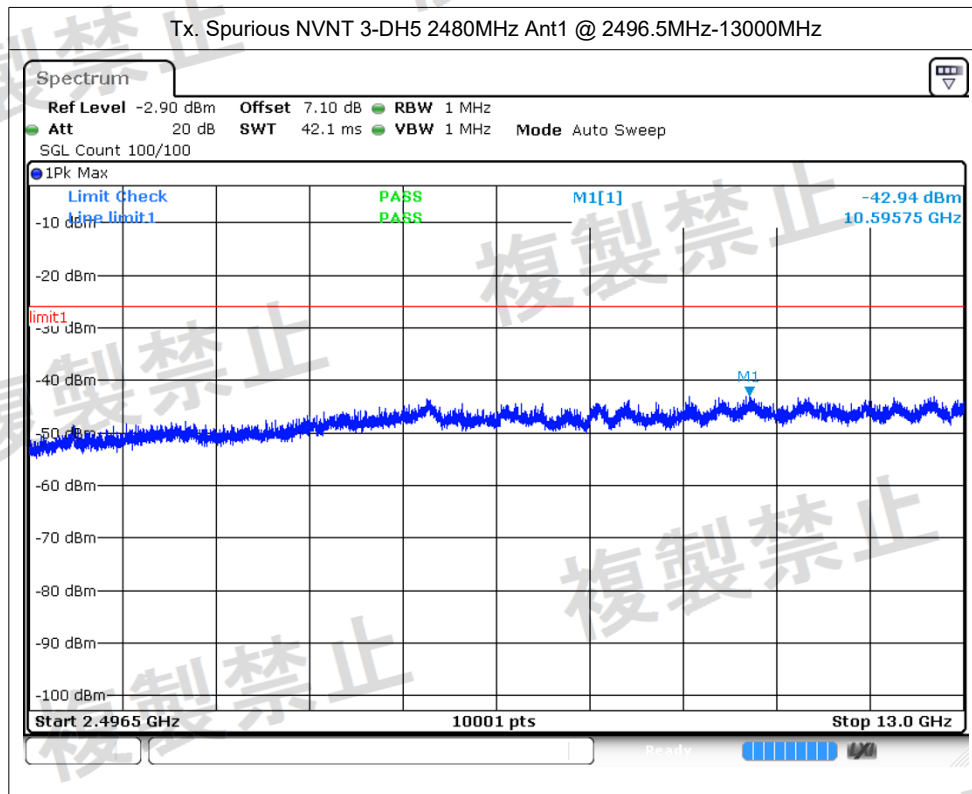






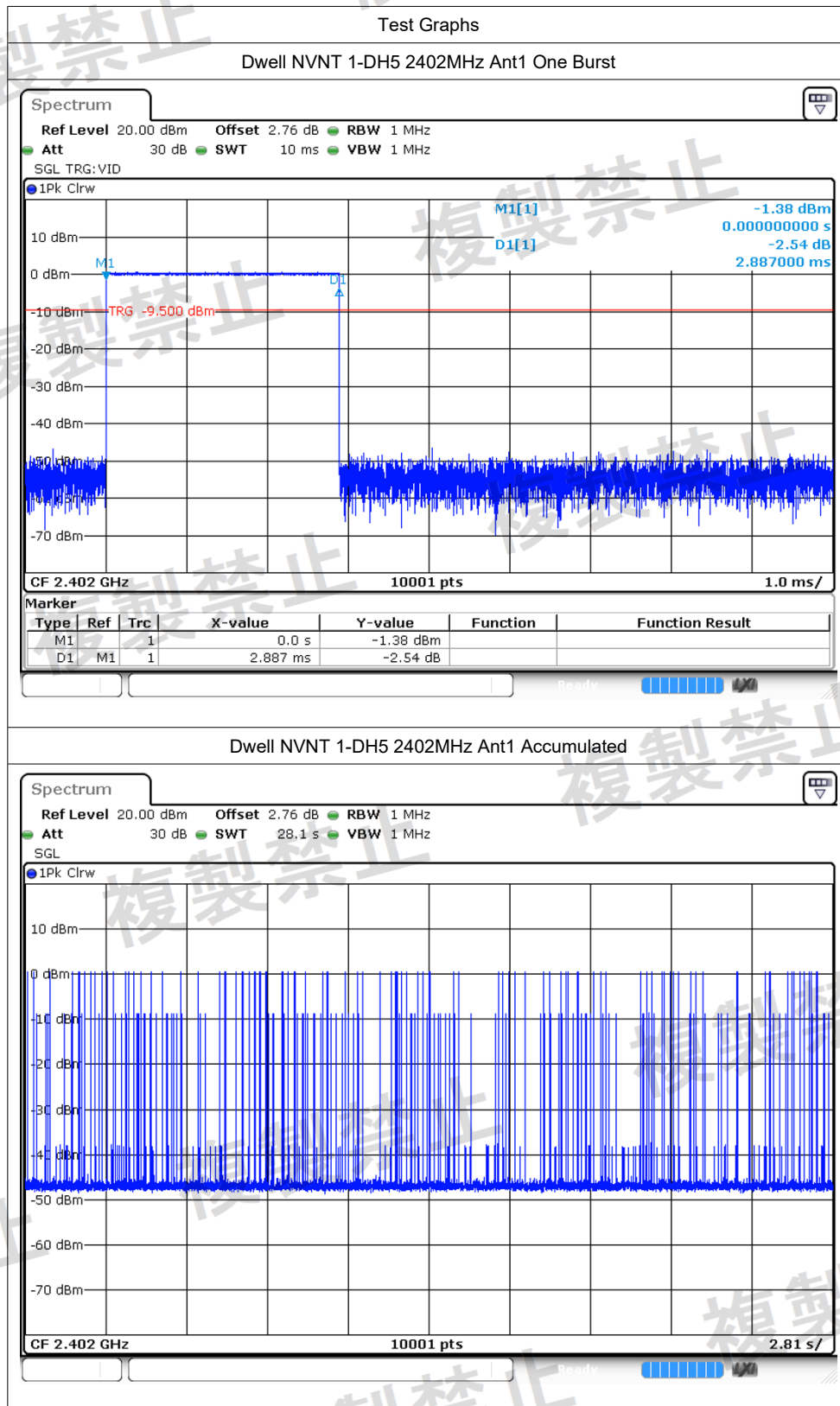


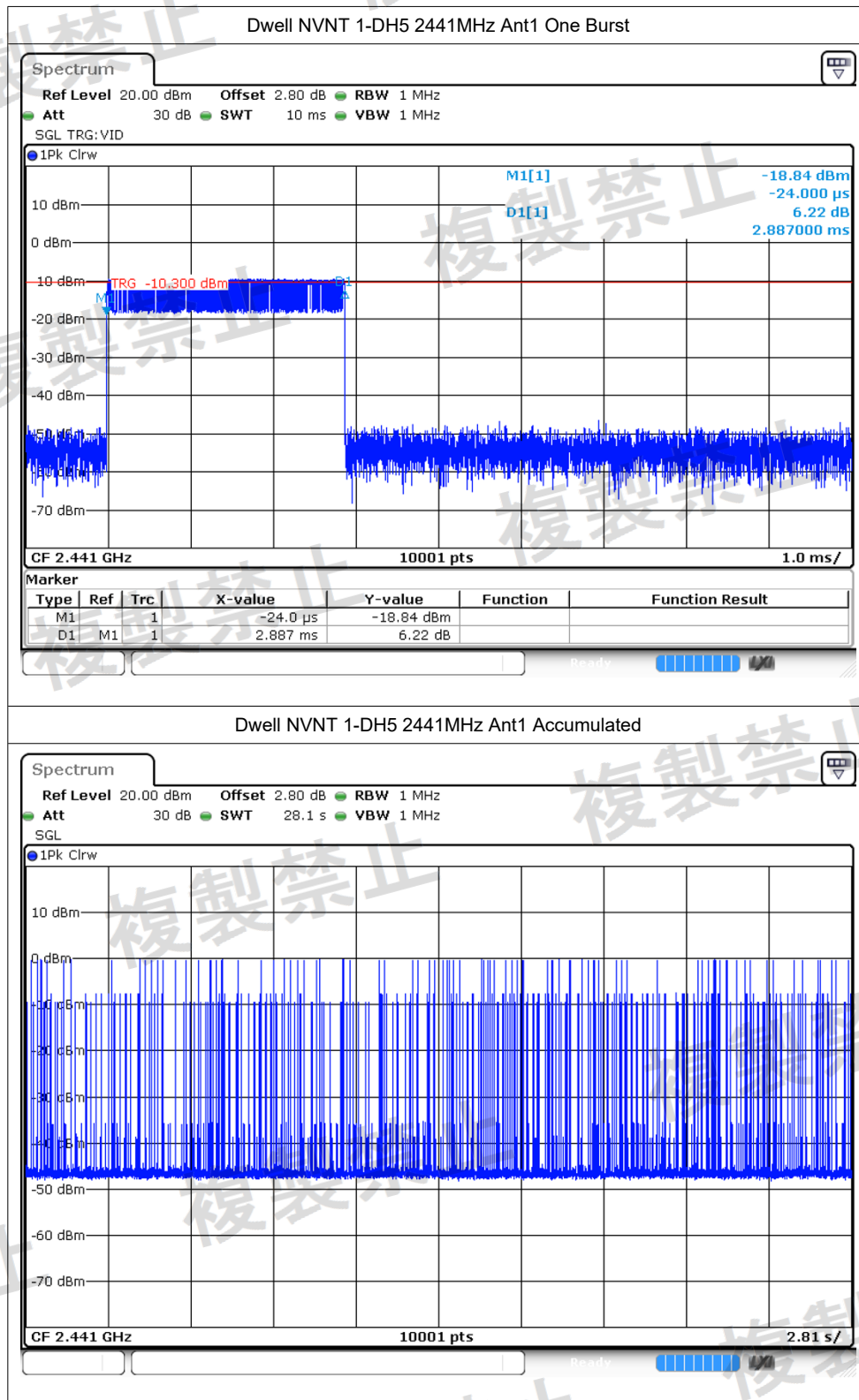


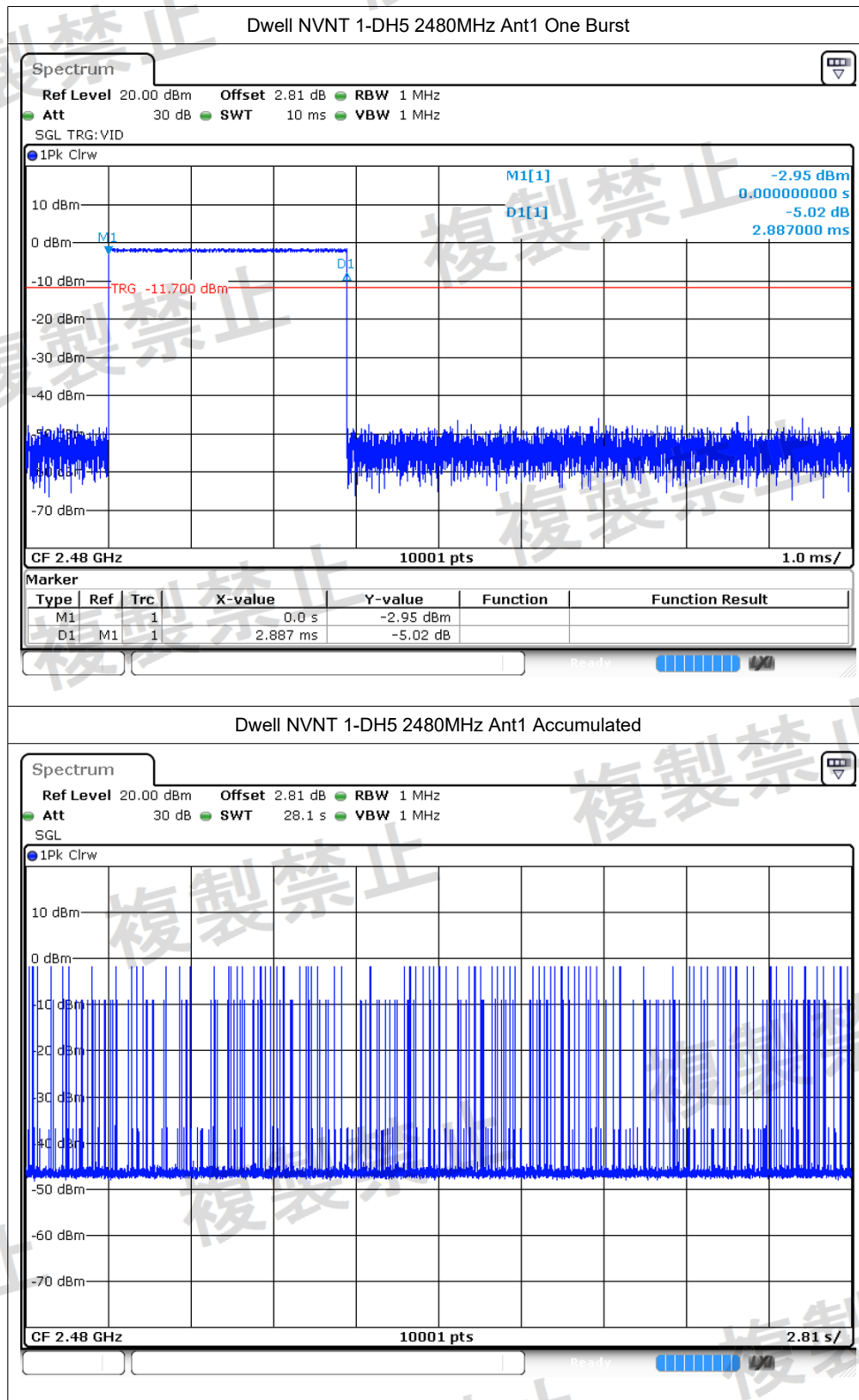


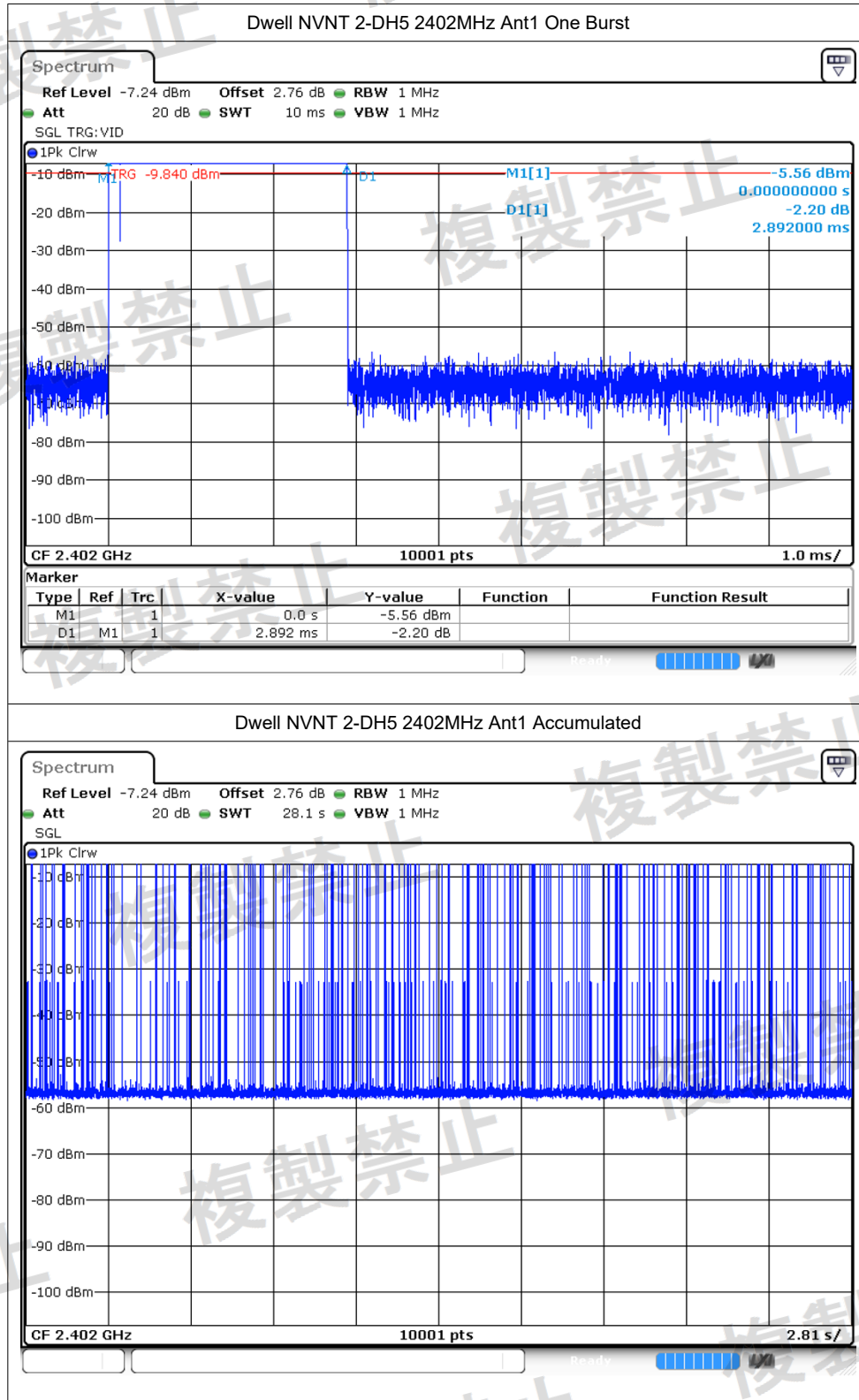
Dwell Time

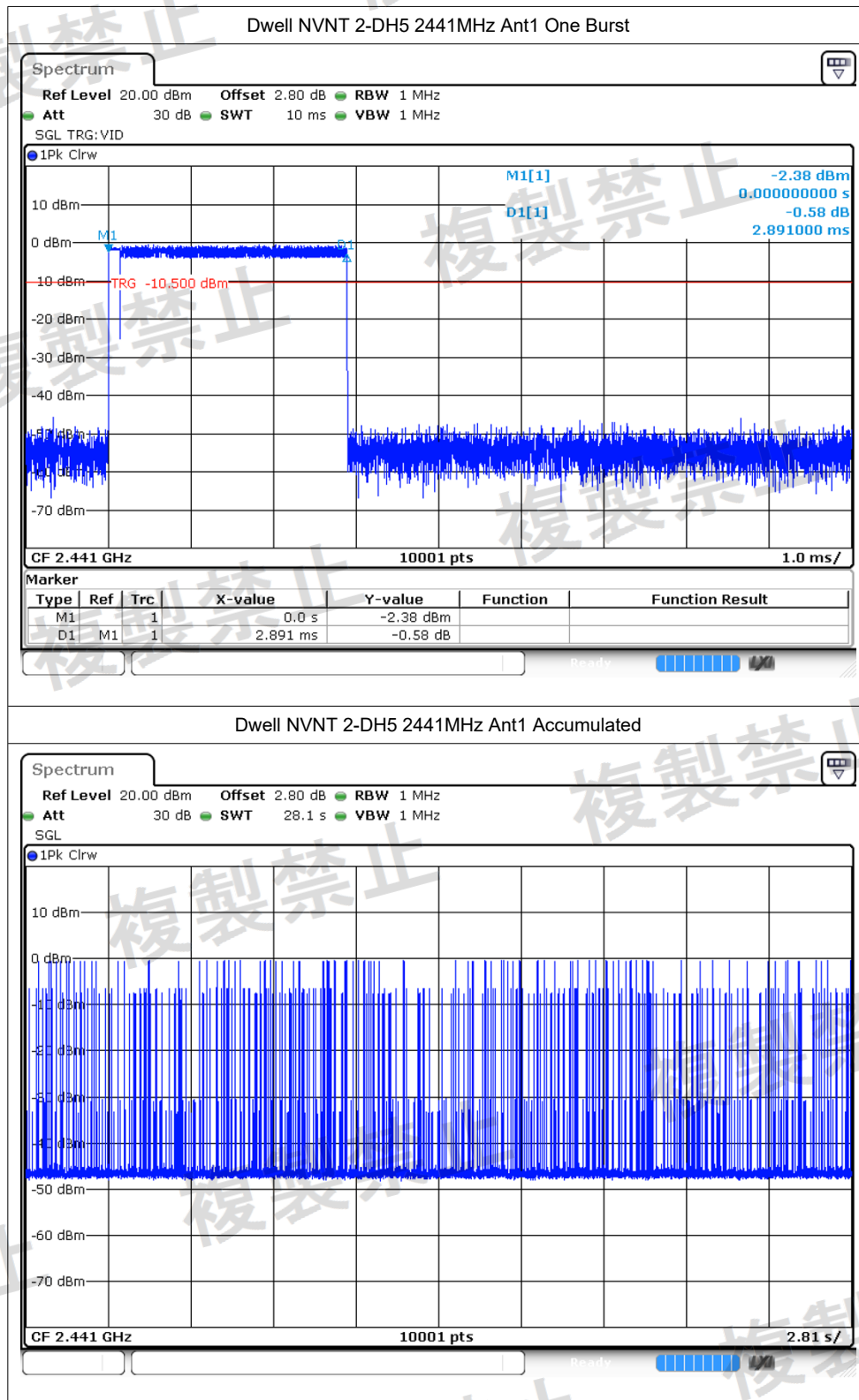
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (s)	Burst Count	Period Time (ms)	Limit (s)	Verdict
NVNT	1-DH5	2402	Ant1	2.887	0.25983	90	28100	0.4	Pass
NVNT	1-DH5	2441	Ant1	2.887	0.248282	86	28100	0.4	Pass
NVNT	1-DH5	2480	Ant1	2.887	0.274265	95	28100	0.4	Pass
NVNT	2-DH5	2402	Ant1	2.892	0.263172	91	28100	0.4	Pass
NVNT	2-DH5	2441	Ant1	2.891	0.274645	95	28100	0.4	Pass
NVNT	2-DH5	2480	Ant1	2.891	0.286209	99	28100	0.4	Pass
NVNT	3-DH5	2402	Ant1	2.893	0.266156	92	28148	0.4	Pass
NVNT	3-DH5	2441	Ant1	2.893	0.286407	99	28148	0.4	Pass
NVNT	3-DH5	2480	Ant1	2.893	0.266156	92	28148	0.4	Pass

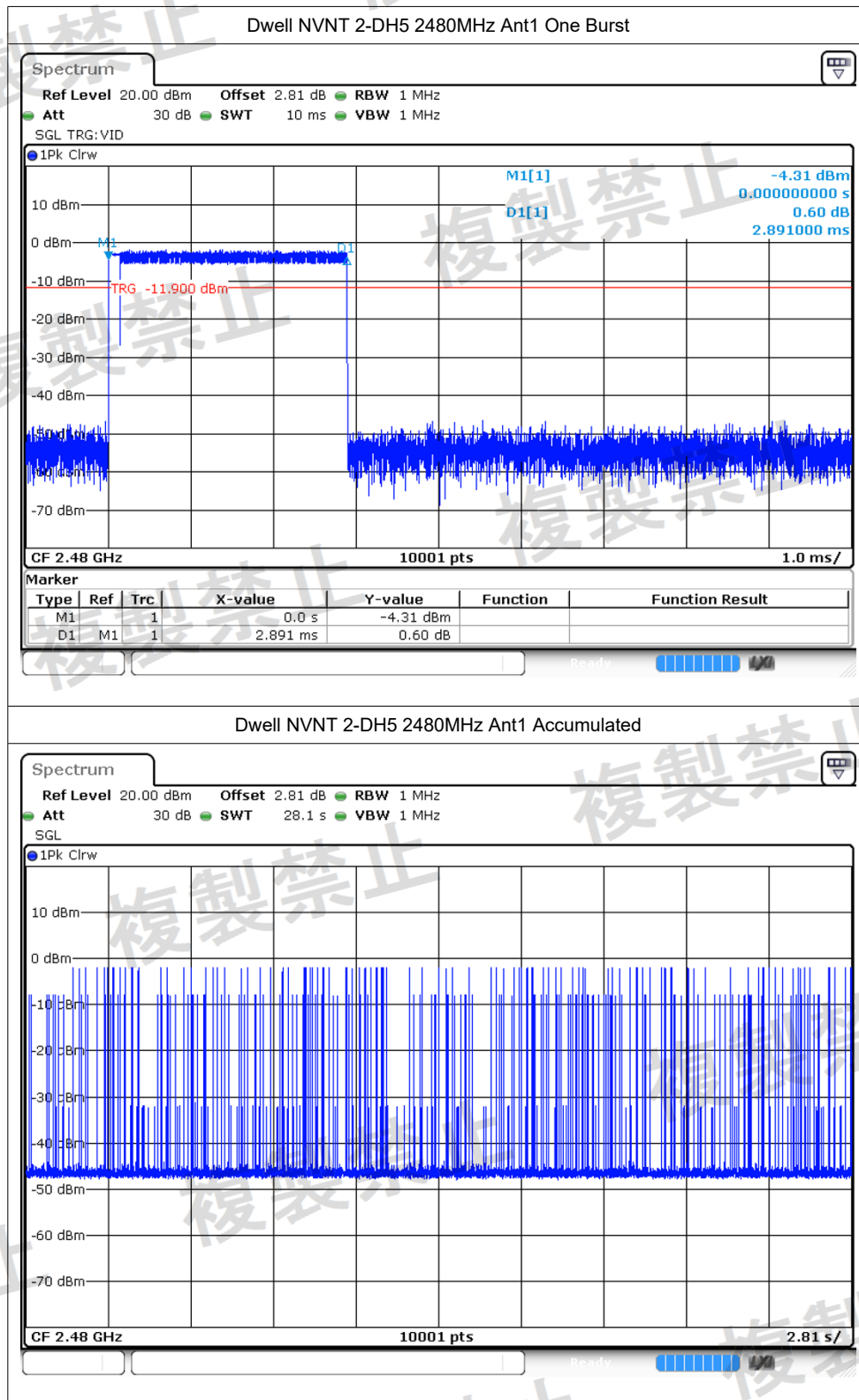


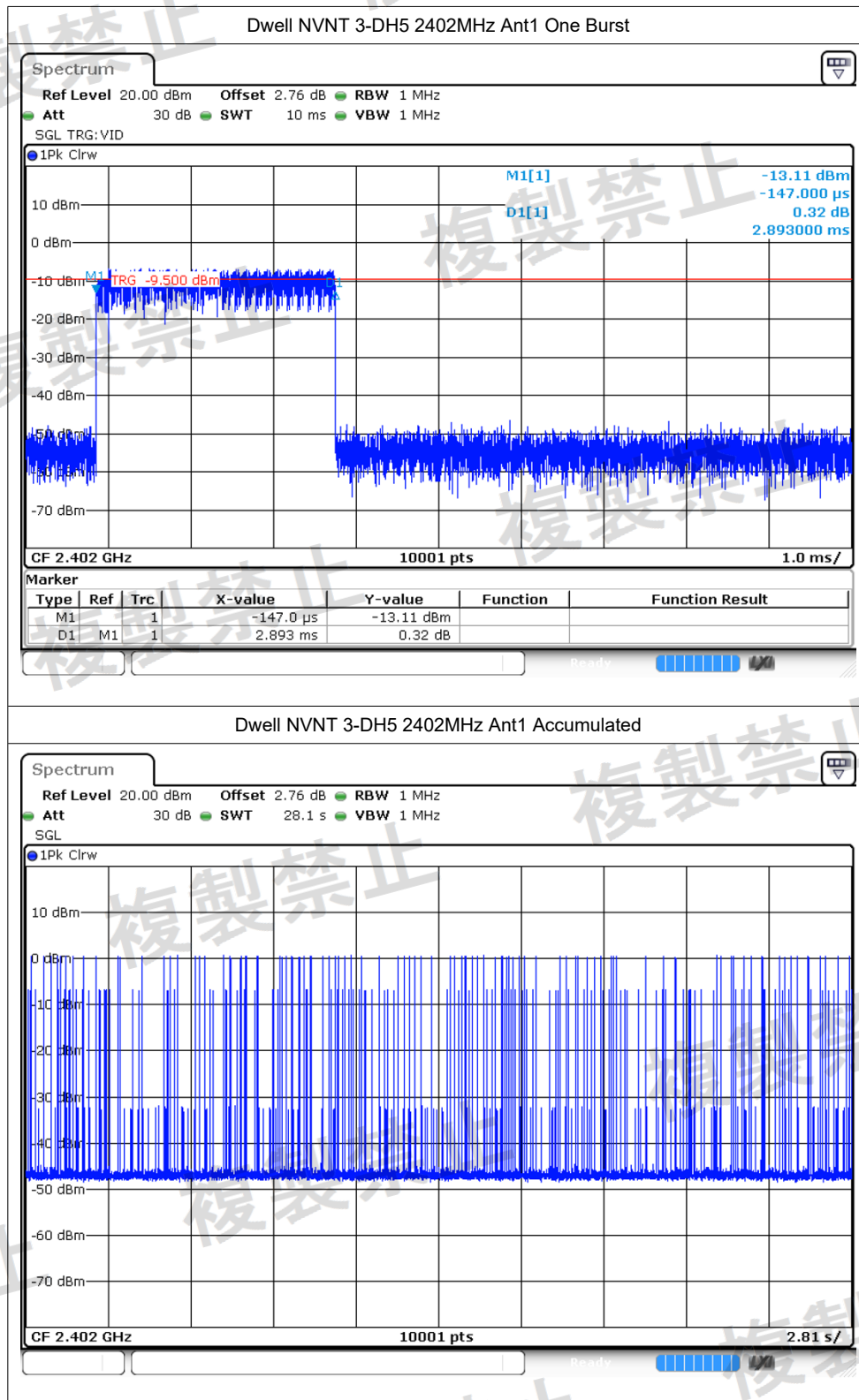


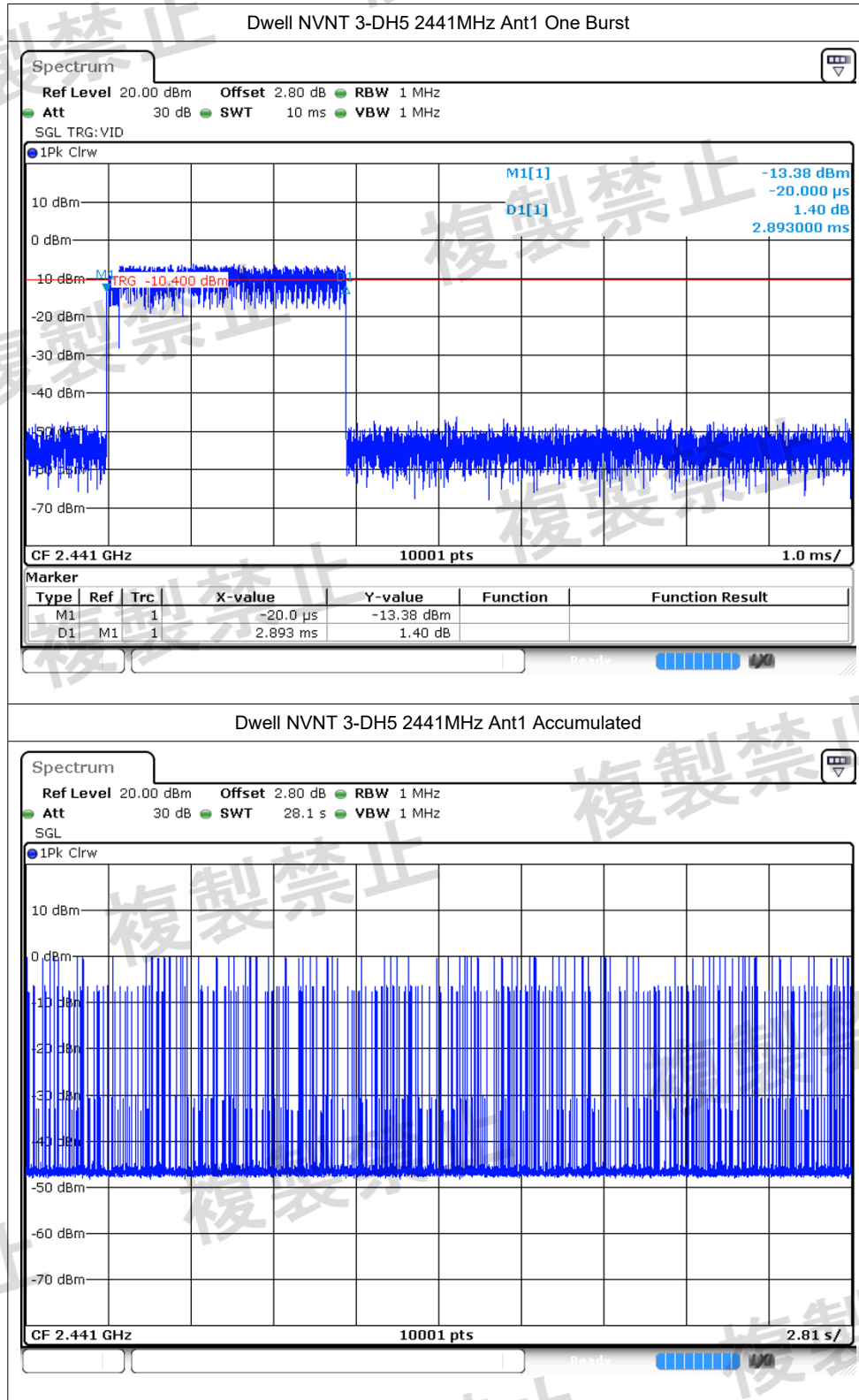


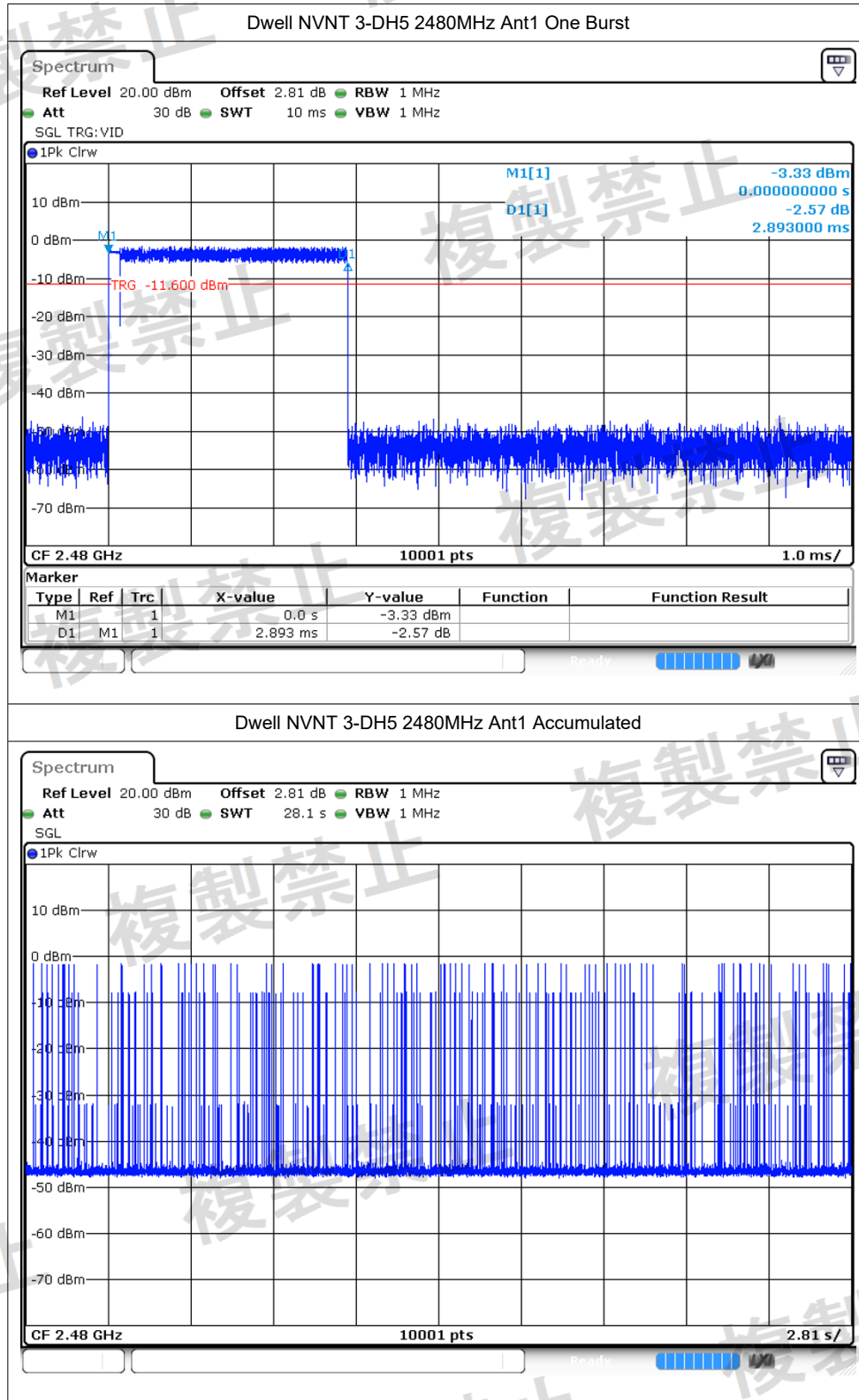












Rx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	1-DH5	2402	Ant1	30-1000	350.02	-62.00	-61.65	0.631	0.6839	4	Pass
NVNT	1-DH5	2402	Ant1	1000-13000	10653.60	-62.45	NA	0.5689	NA	20	Pass
NVNT	2-DH5	2402	Ant1	30-1000	350.02	-61.96	-61.66	0.6368	0.6823	4	Pass
NVNT	2-DH5	2402	Ant1	1000-13000	12635.80	-62.63	NA	0.5458	NA	20	Pass
NVNT	3-DH5	2402	Ant1	30-1000	350.02	-61.97	-61.73	0.6353	0.6714	4	Pass
NVNT	3-DH5	2402	Ant1	1000-13000	10603.20	-61.54	NA	0.7015	NA	20	Pass

