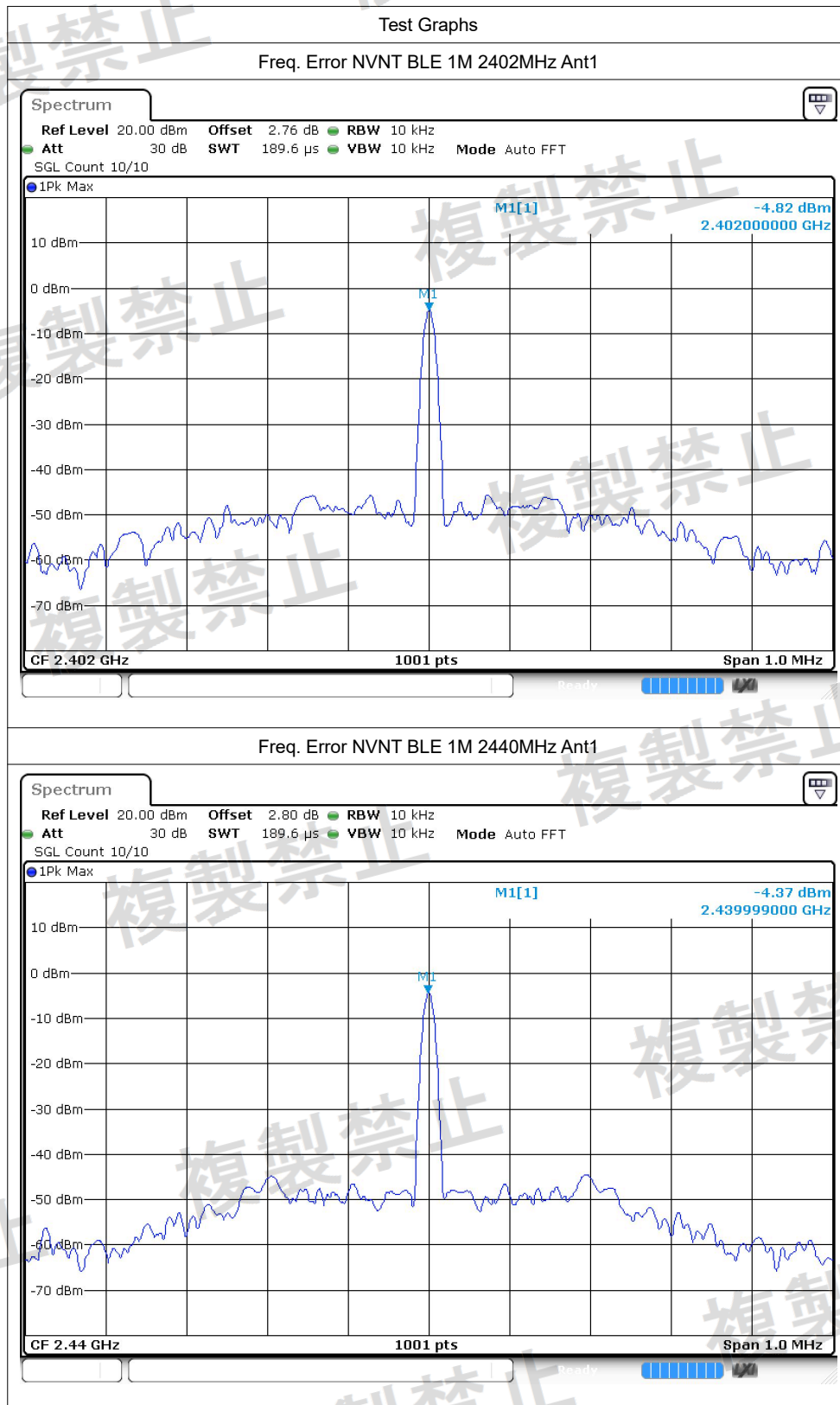
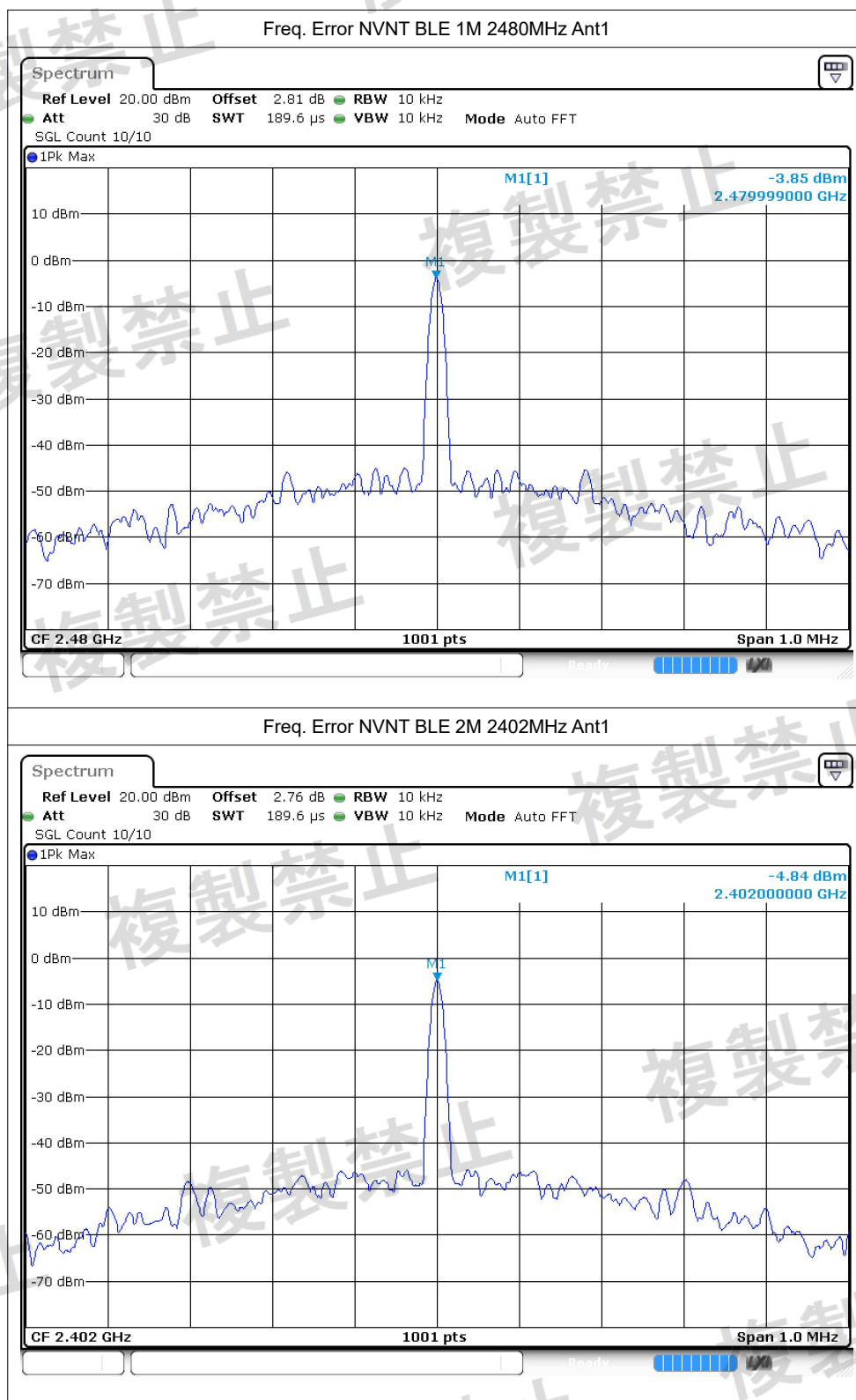


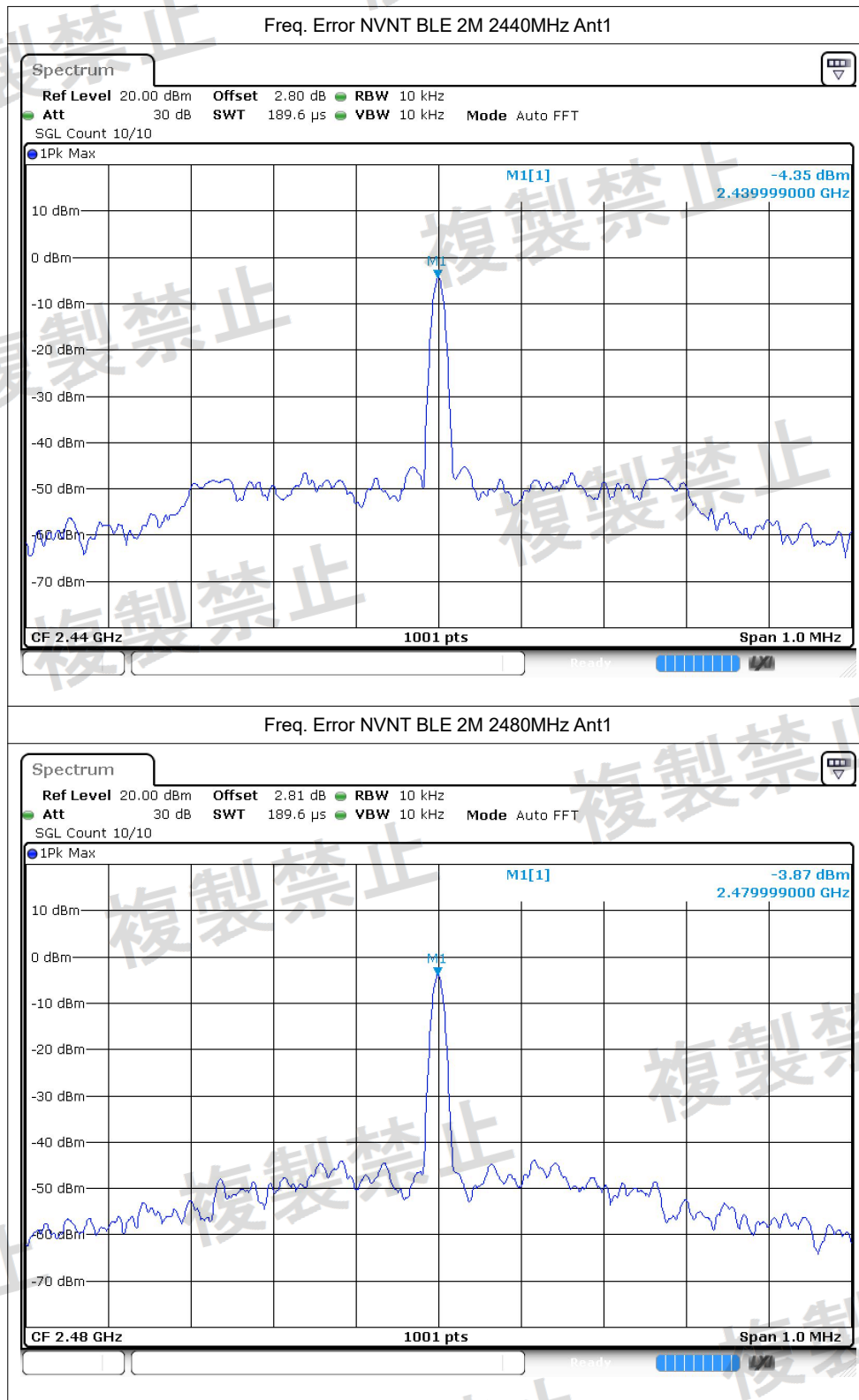
Appendix B

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2402	0	0	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.999	-1000	-0.41	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.999	-1000	-0.4	50	Pass
NVNT	BLE 2M	2402	Ant1	2402	0	0	50	Pass
NVNT	BLE 2M	2440	Ant1	2439.999	-1000	-0.41	50	Pass
NVNT	BLE 2M	2480	Ant1	2479.999	-1000	-0.4	50	Pass





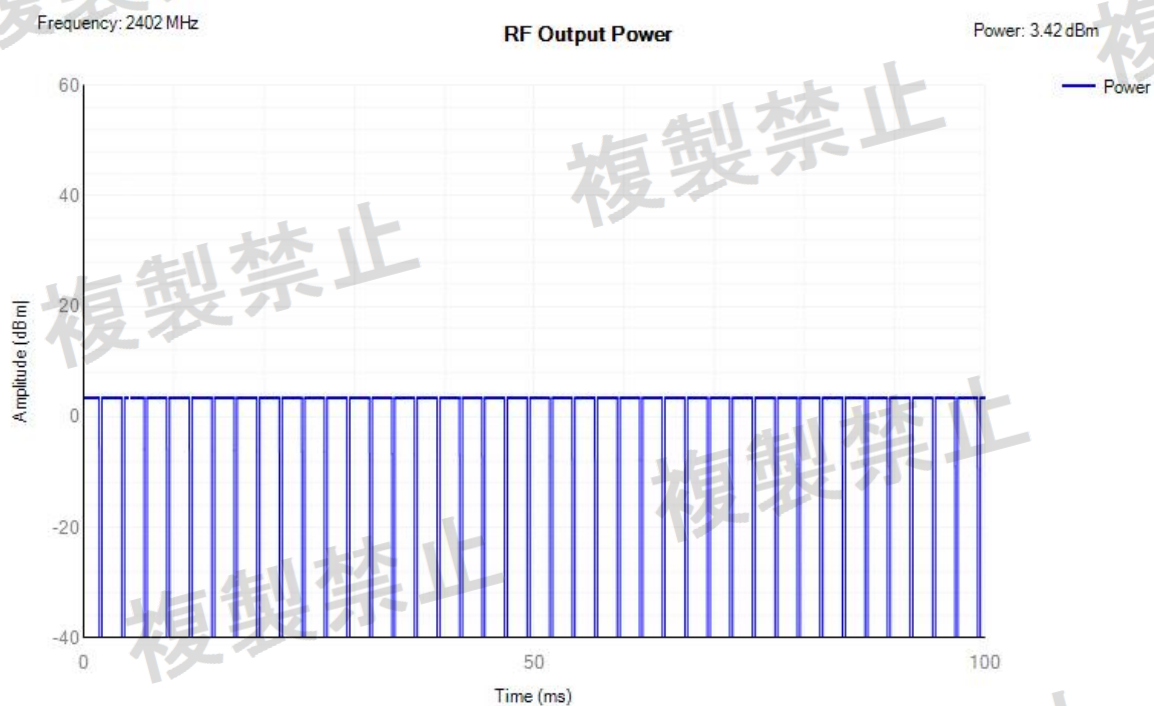


Antenna Power

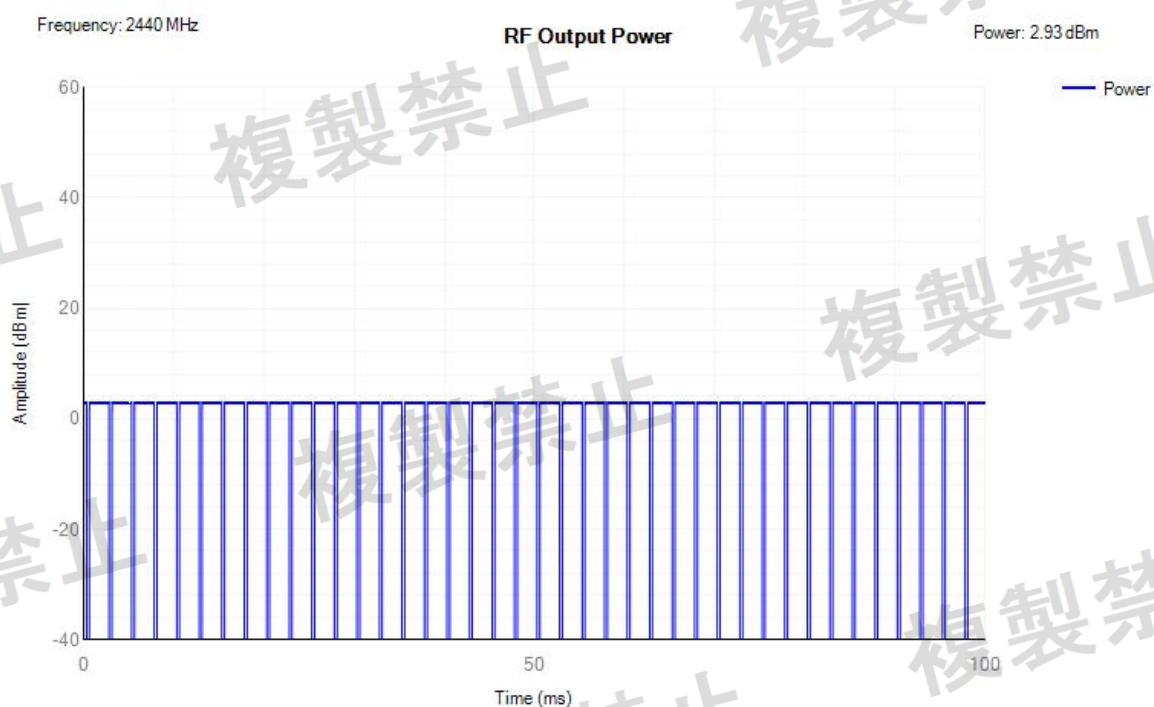
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	3.42	2.198	10	2.5	-12.08	20	Pass
NVNT	BLE 1M	2440	Ant1	2.93	1.963	10	2.5	-21.48	20	Pass
NVNT	BLE 1M	2480	Ant1	2.52	1.786	10	2.5	-28.56	20	Pass
NVNT	BLE 2M	2402	Ant1	3.47	2.223	10	2.5	-11.08	20	Pass
NVNT	BLE 2M	2440	Ant1	3	1.995	10	2.5	-20.2	20	Pass
NVNT	BLE 2M	2480	Ant1	2.56	1.803	10	2.5	-27.88	20	Pass

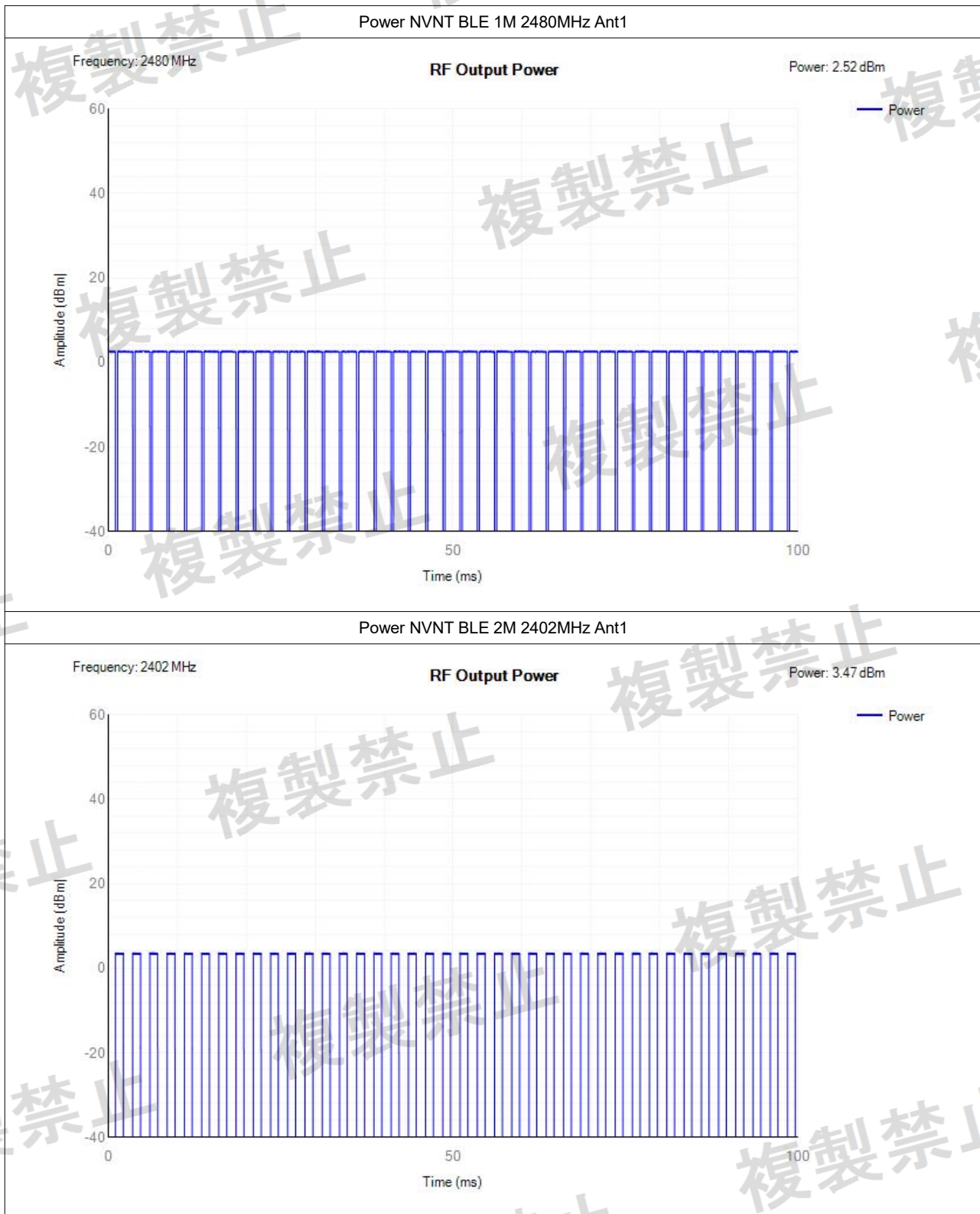
Test Graphs

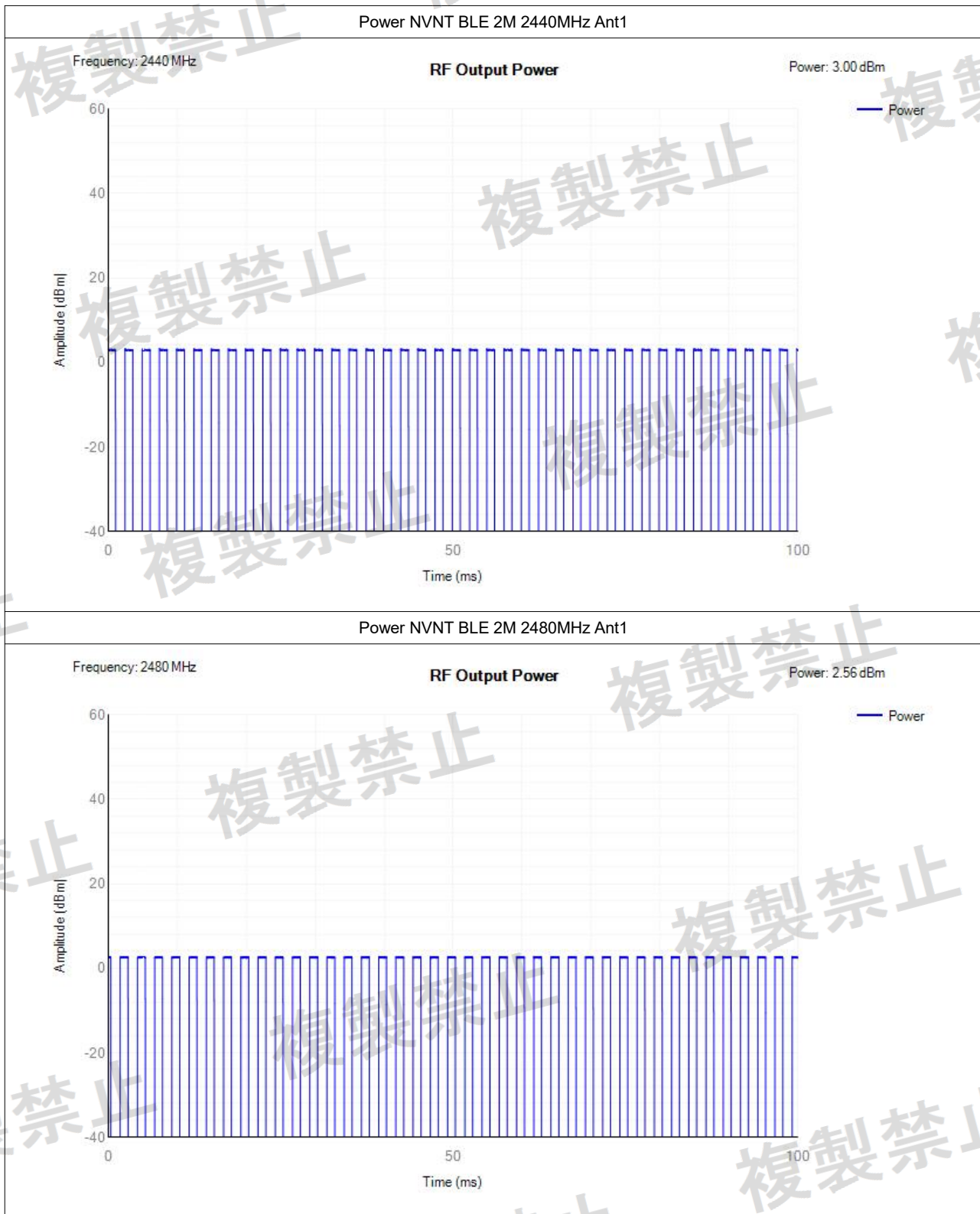
Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1





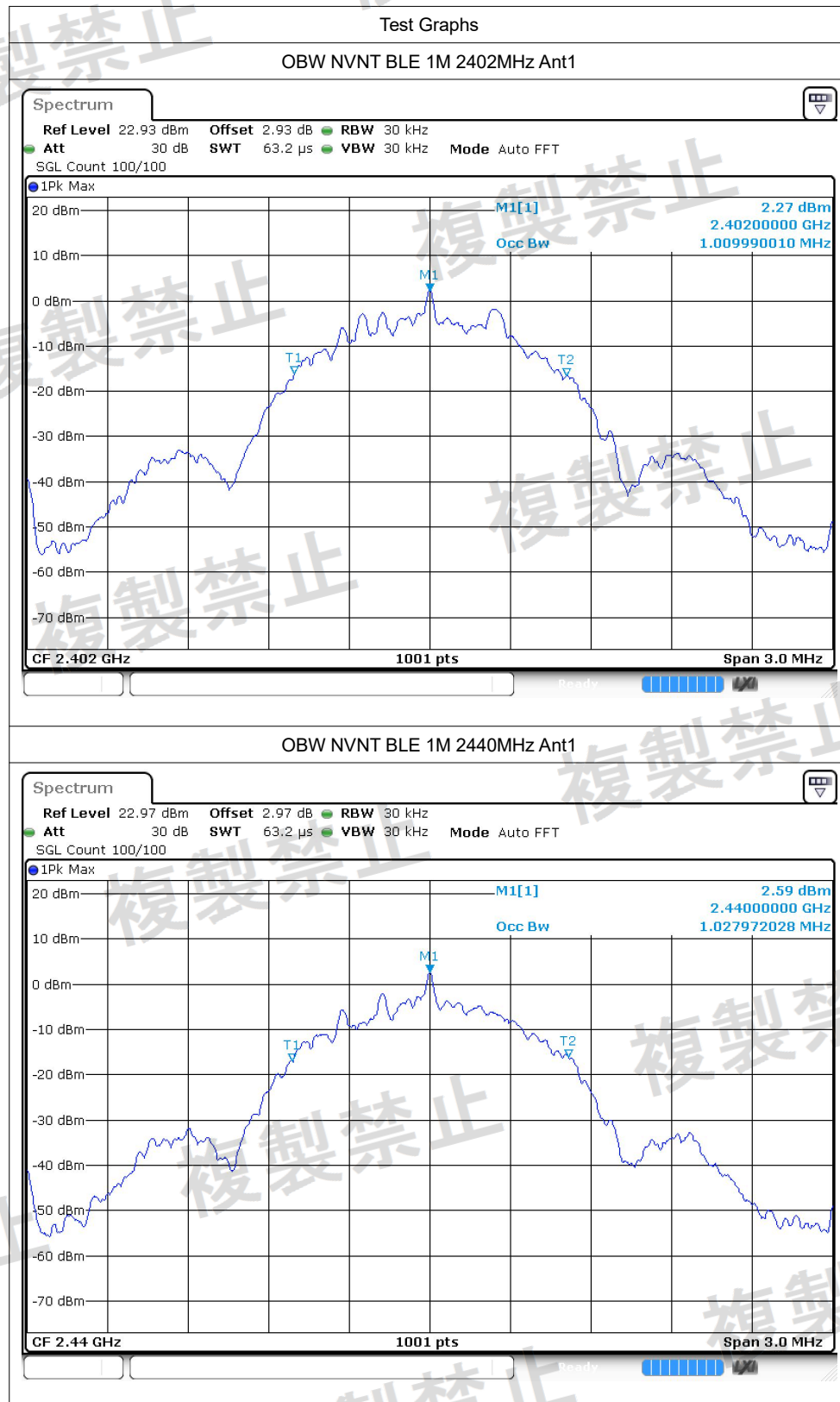


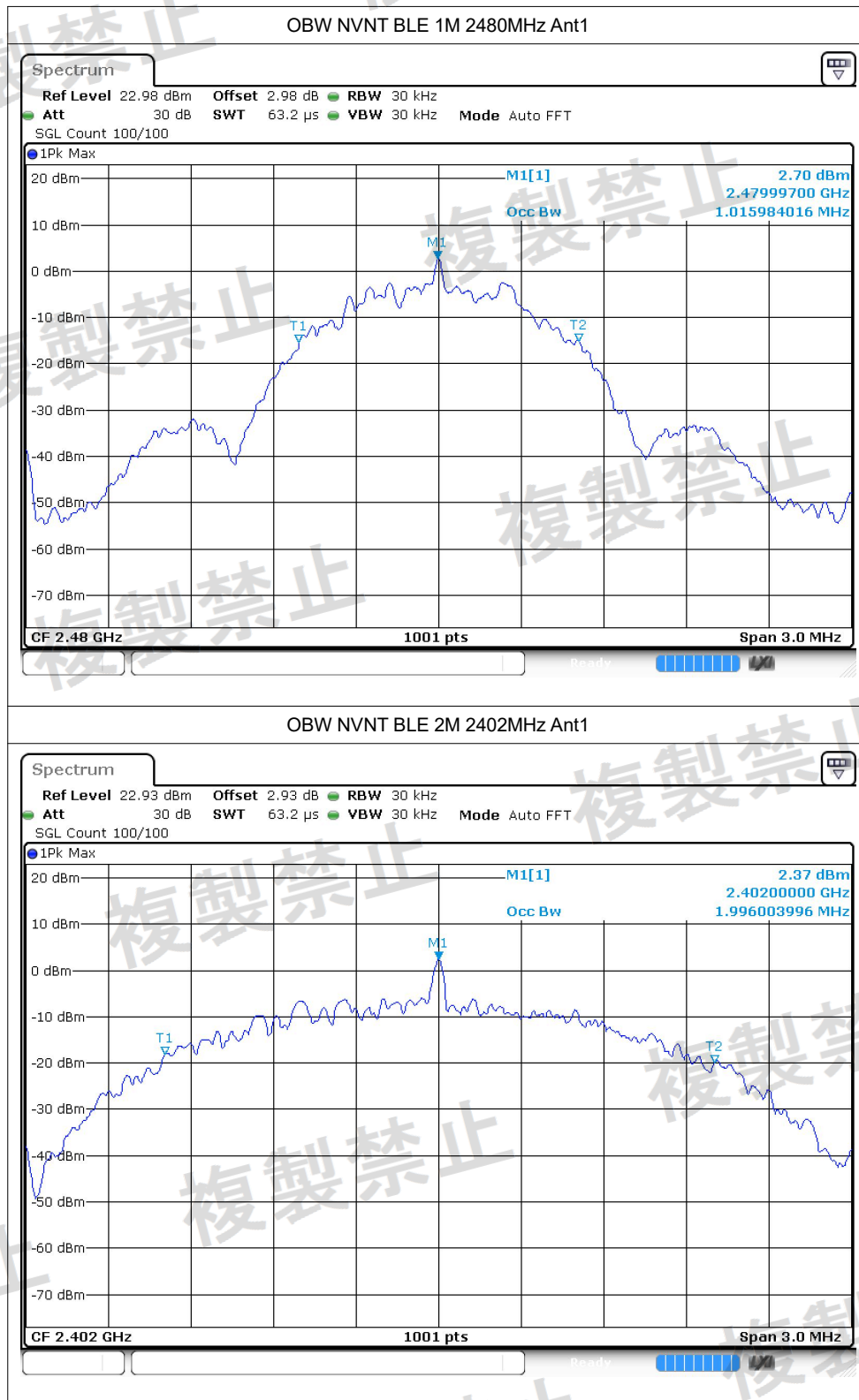
EIRP Power

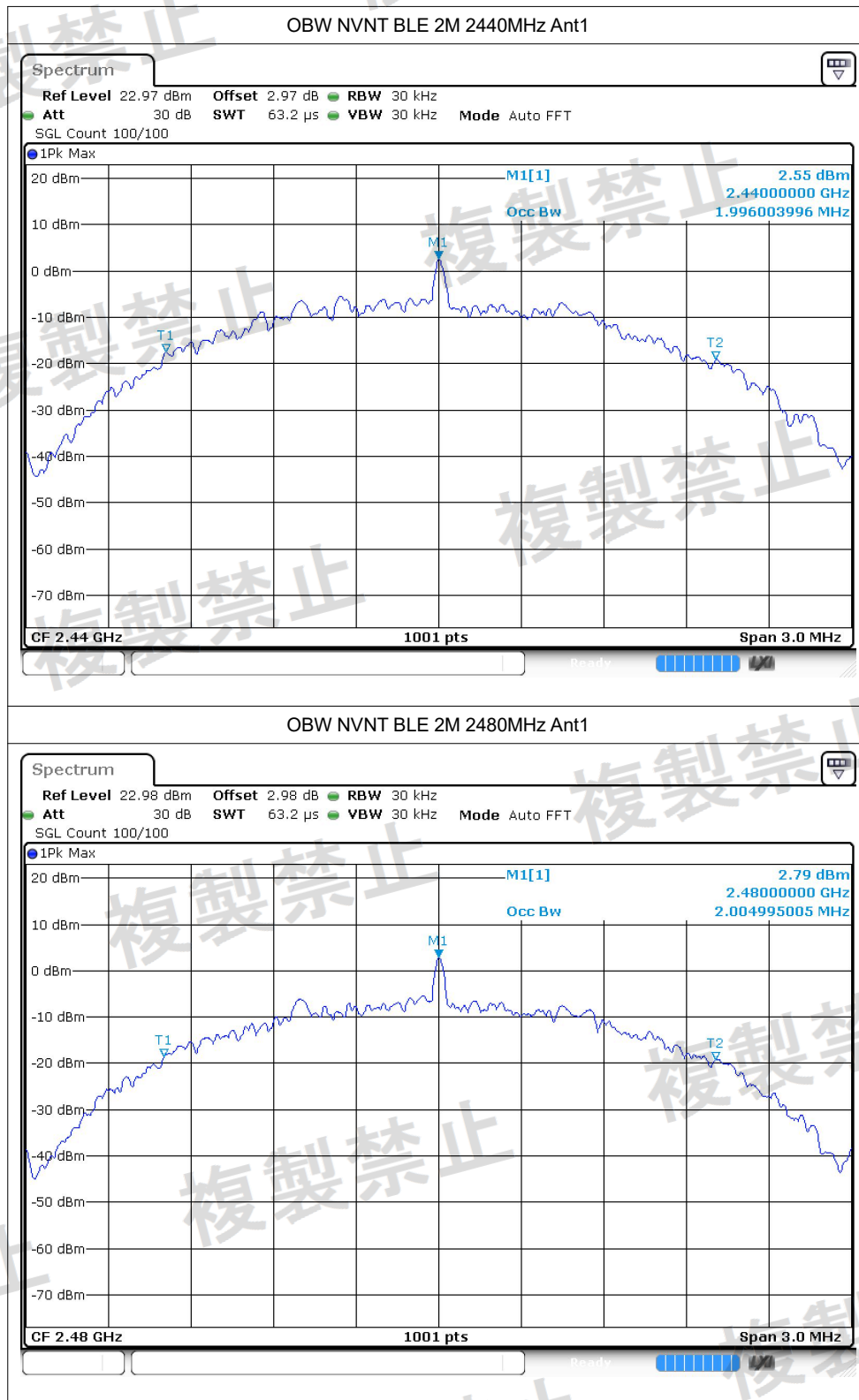
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.198	3.42	0.65	4.07	12.14	Pass
NVNT	BLE 1M	2440	Ant1	1.963	2.93	0.65	3.58	12.14	Pass
NVNT	BLE 1M	2480	Ant1	1.786	2.52	0.65	3.17	12.14	Pass
NVNT	BLE 2M	2402	Ant1	2.223	3.47	0.65	4.12	12.14	Pass
NVNT	BLE 2M	2440	Ant1	1.995	3	0.65	3.65	12.14	Pass
NVNT	BLE 2M	2480	Ant1	1.803	2.56	0.65	3.21	12.14	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.01
NVNT	BLE 1M	2440	Ant1	1.028
NVNT	BLE 1M	2480	Ant1	1.016
NVNT	BLE 2M	2402	Ant1	1.996
NVNT	BLE 2M	2440	Ant1	1.996
NVNT	BLE 2M	2480	Ant1	2.005

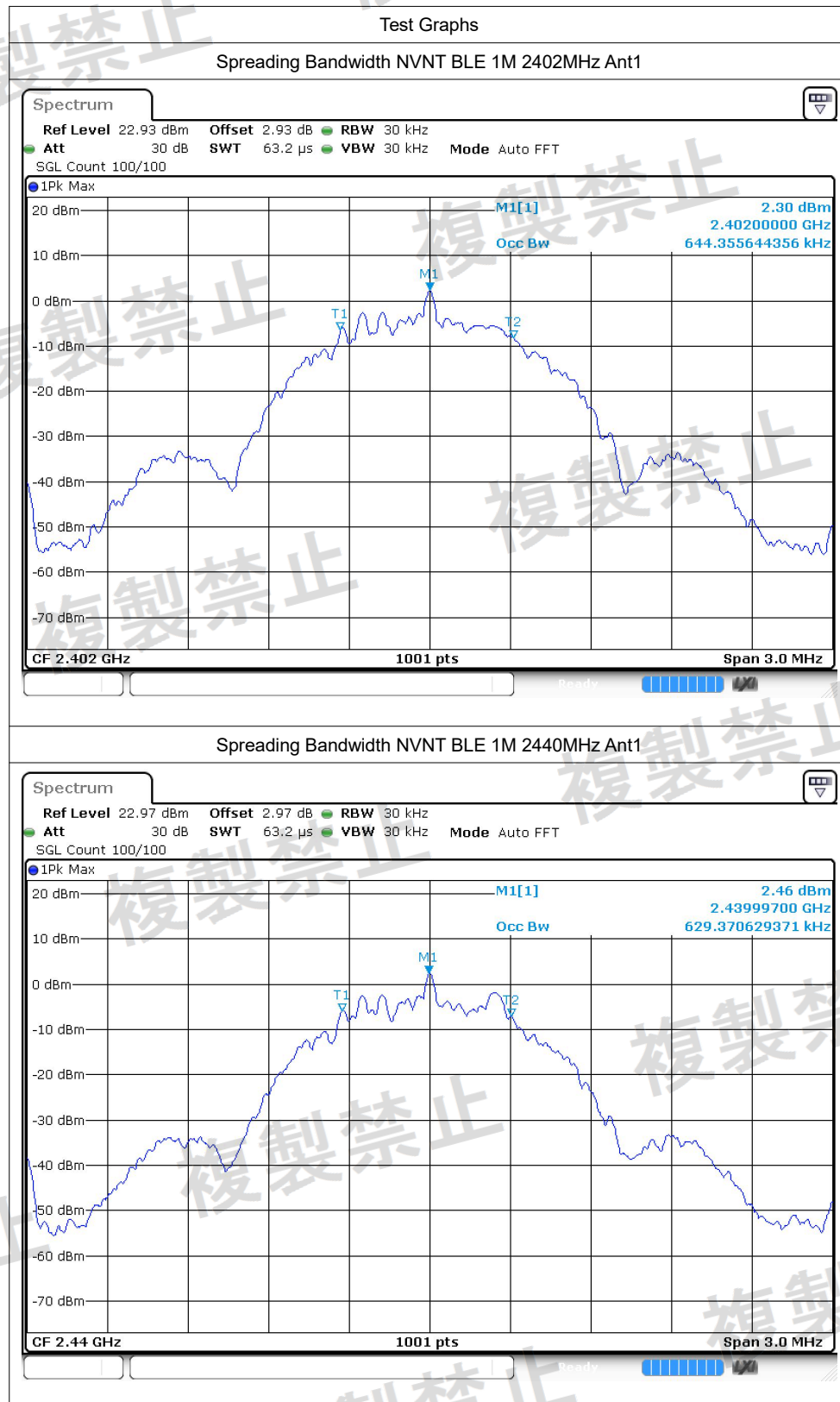


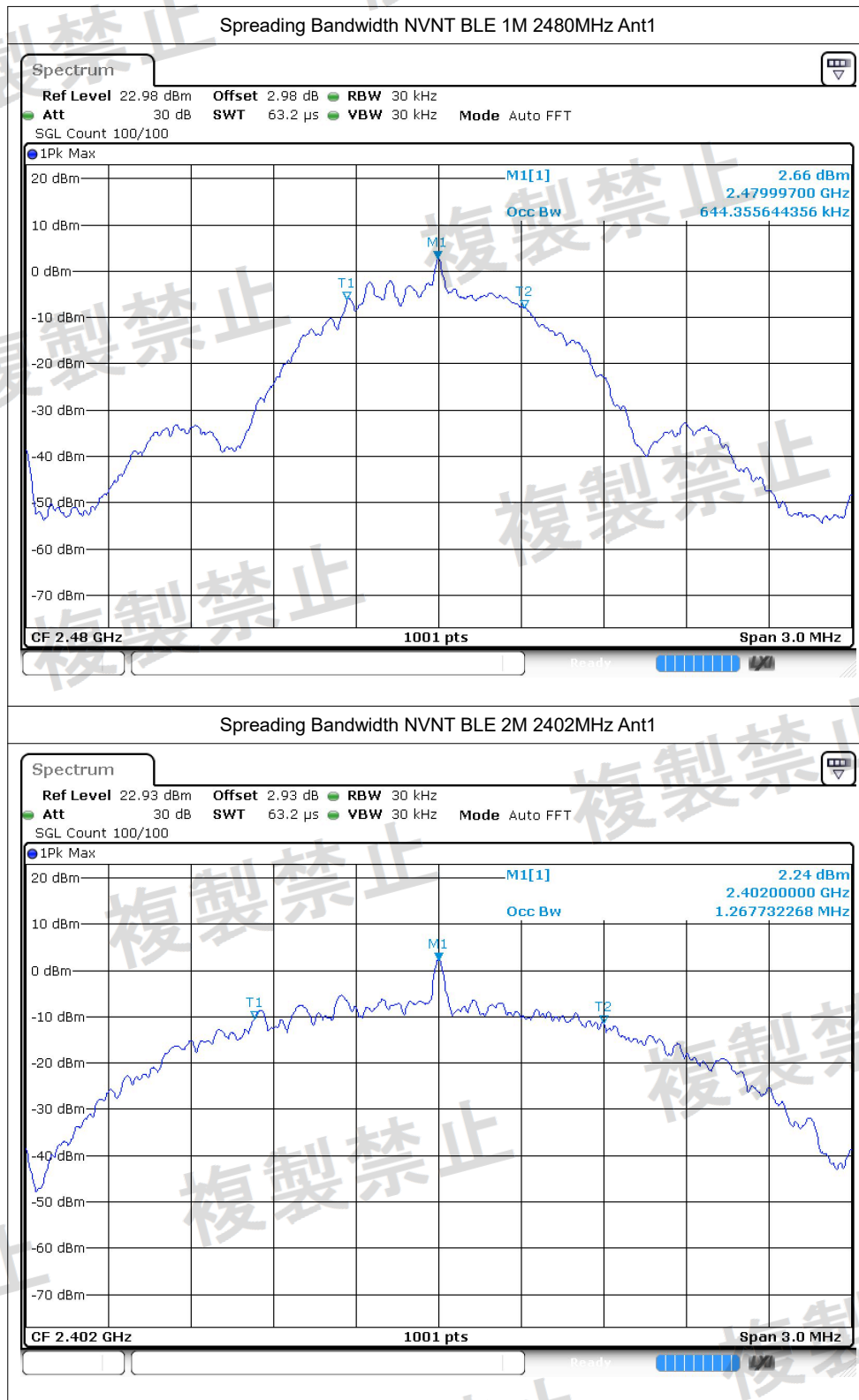


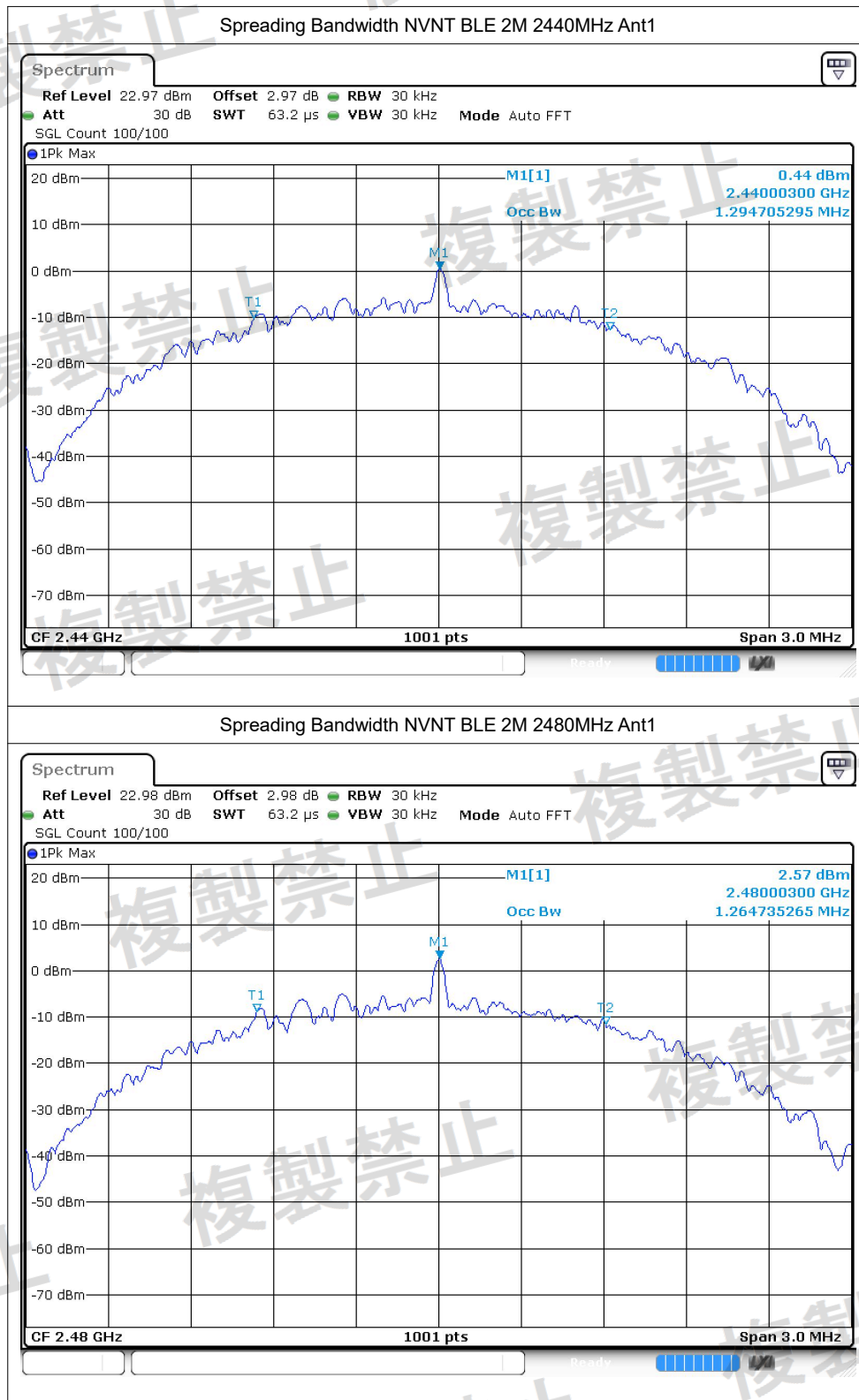


Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.644	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.629	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.644	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.268	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.295	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.265	0.5	Pass





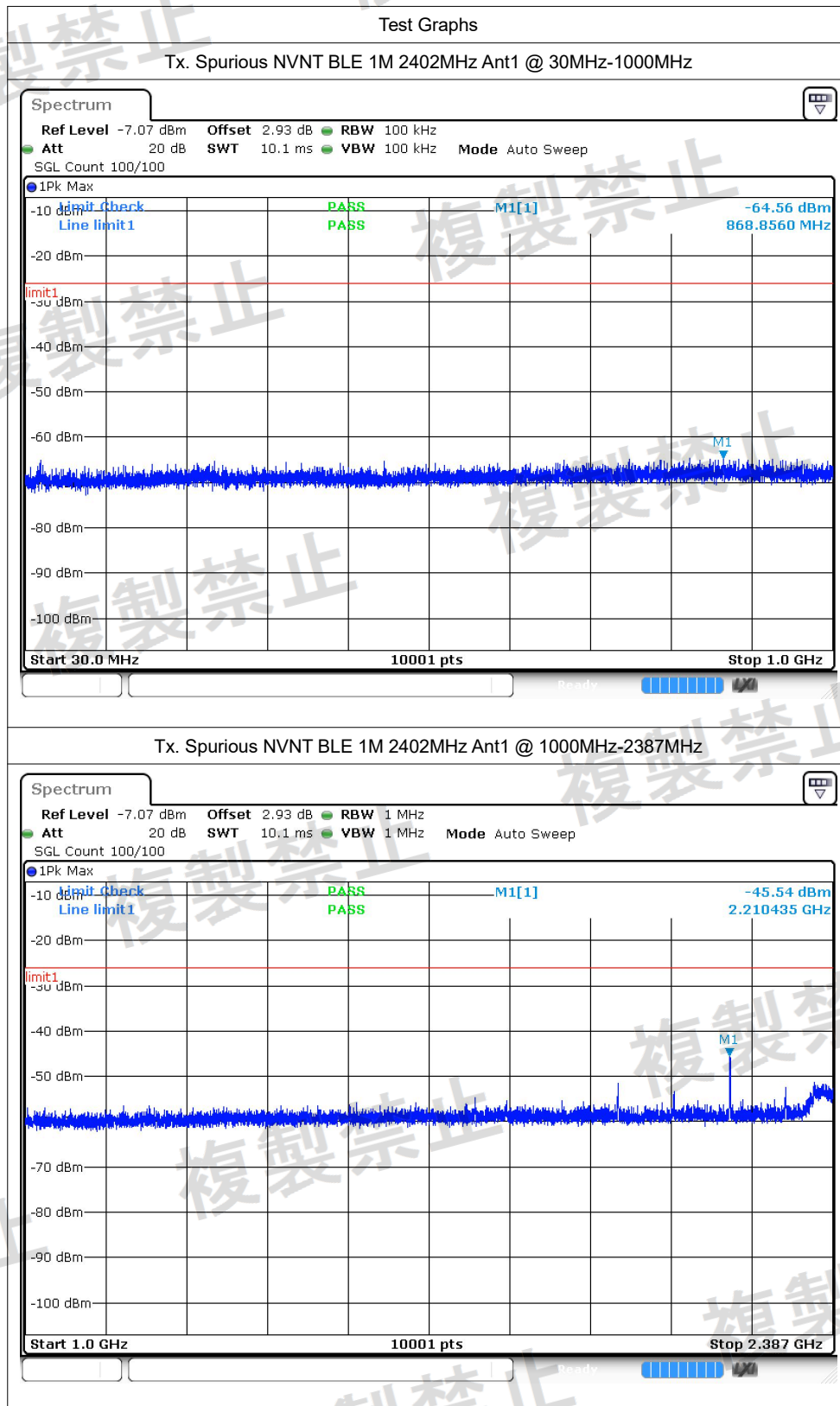


Tx Spurious Emission

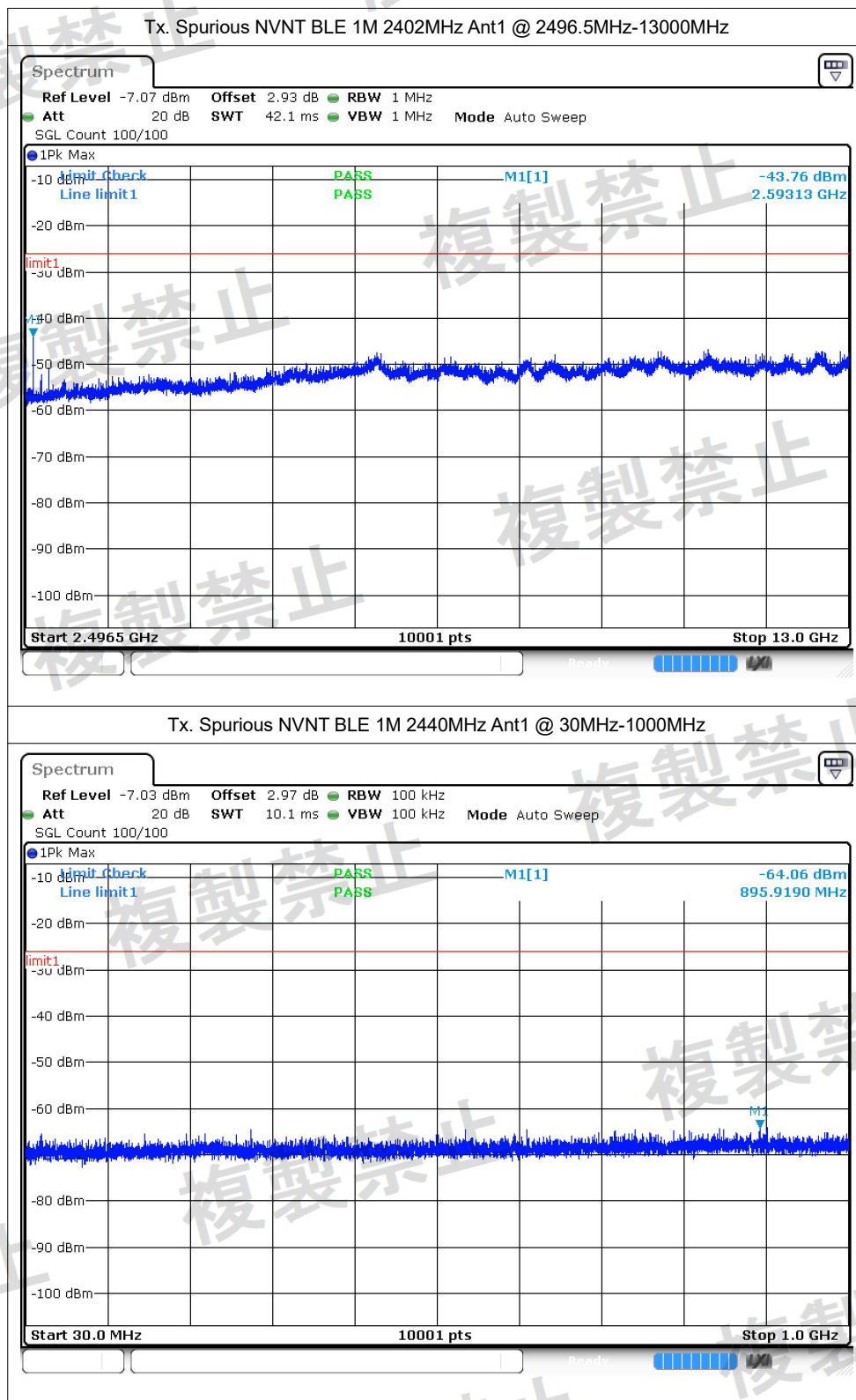
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	868.86	-54.56	NA	0.0035	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2210.43	-45.54	NA	0.0279	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2400.00	-31.23	NA	0.7534	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2488.63	-56.62	NA	0.0022	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	2593.13	-43.75	NA	0.0422	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	895.92	-54.06	NA	0.0039	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2248.02	-44.04	NA	0.0394	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2396.81	-51.62	NA	0.0069	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2487.82	-52.18	NA	0.0061	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	2632.00	-44.66	NA	0.0342	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	801.25	-54.45	NA	0.0036	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2287.83	-42.95	NA	0.0507	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2390.65	-55.86	NA	0.0026	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.69	-35.54	NA	0.2793	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	2670.86	-43.77	NA	0.042	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	695.91	-53.65	NA	0.0043	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	1000-2387	2210.57	-45.83	NA	0.0261	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	2387-2400	2400.00	-19.18	NA	12.0781	NA	25	25	Pass
NVNT	BLE 2M	2402	Ant1	2483.5-2496.5	2493.62	-57.28	NA	0.0019	NA	25	25	Pass

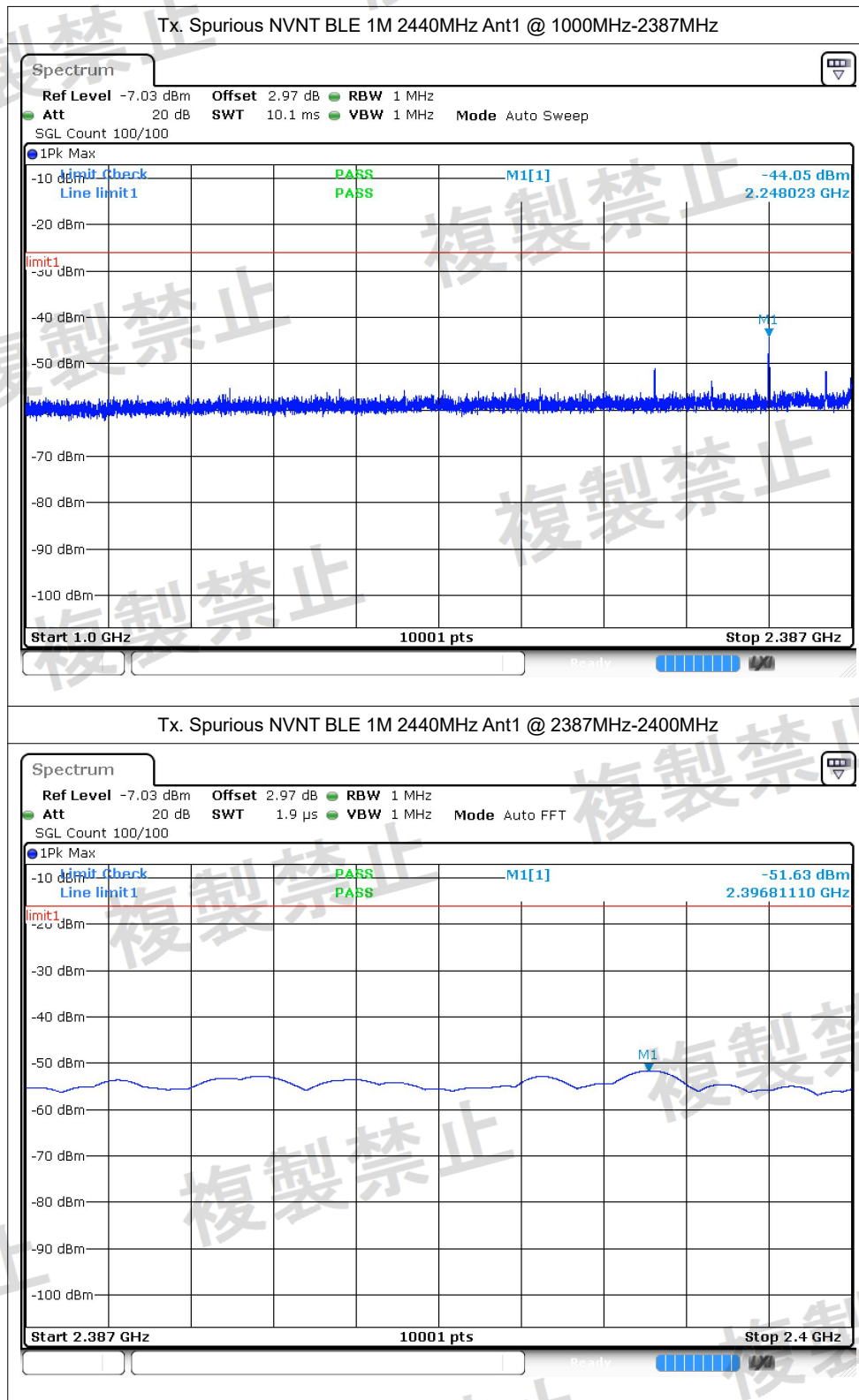


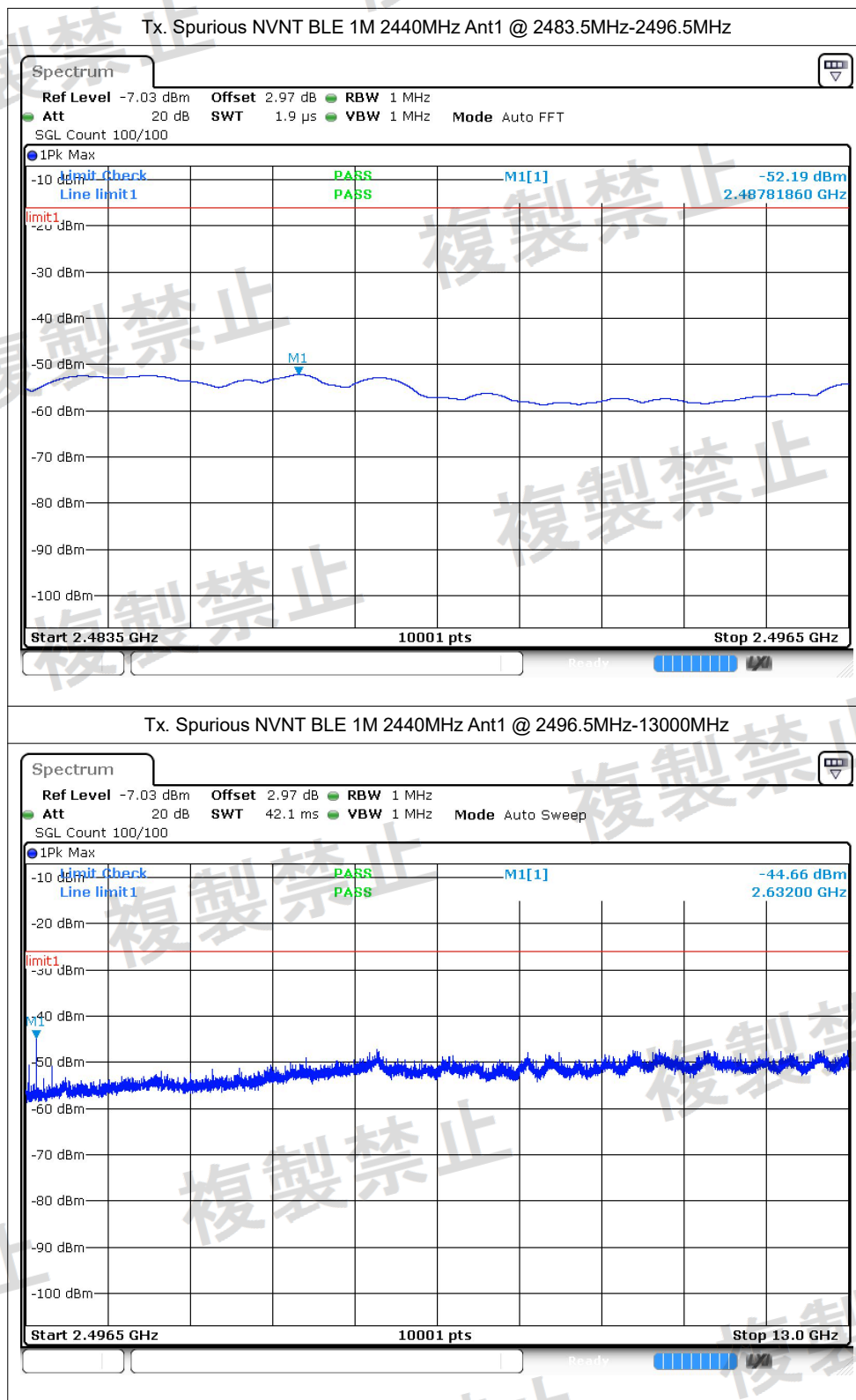
NVNT	BLE 2M	2402	Ant1	2496.5-13000	2593.13	-43.38	NA	0.0459	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	707.45	-53.81	NA	0.0042	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2248.58	-44.37	NA	0.0366	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2395.81	-53.19	NA	0.0048	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496.5	2483.99	-51.75	NA	0.0067	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-13000	2632.00	-44.58	NA	0.0348	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	47.85	-53.32	NA	0.0047	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	1000-2387	2288.38	-42.81	NA	0.0524	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	2387-2400	2390.03	-57.24	NA	0.0019	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2483.5-2496.5	2484.12	-35.97	NA	0.2529	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2496.5-13000	2670.86	-44.62	NA	0.0345	NA	2.5	2.5	Pass

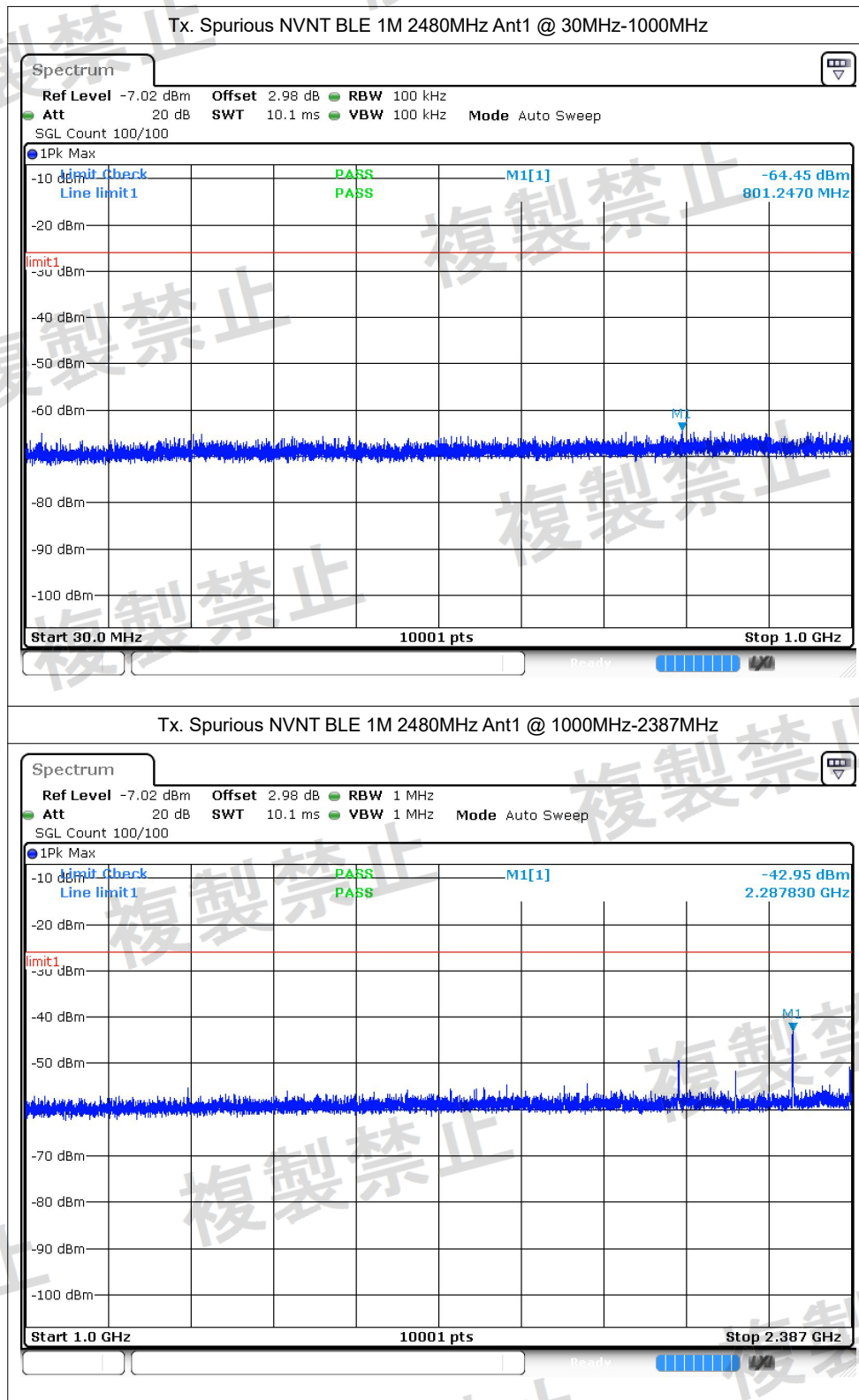




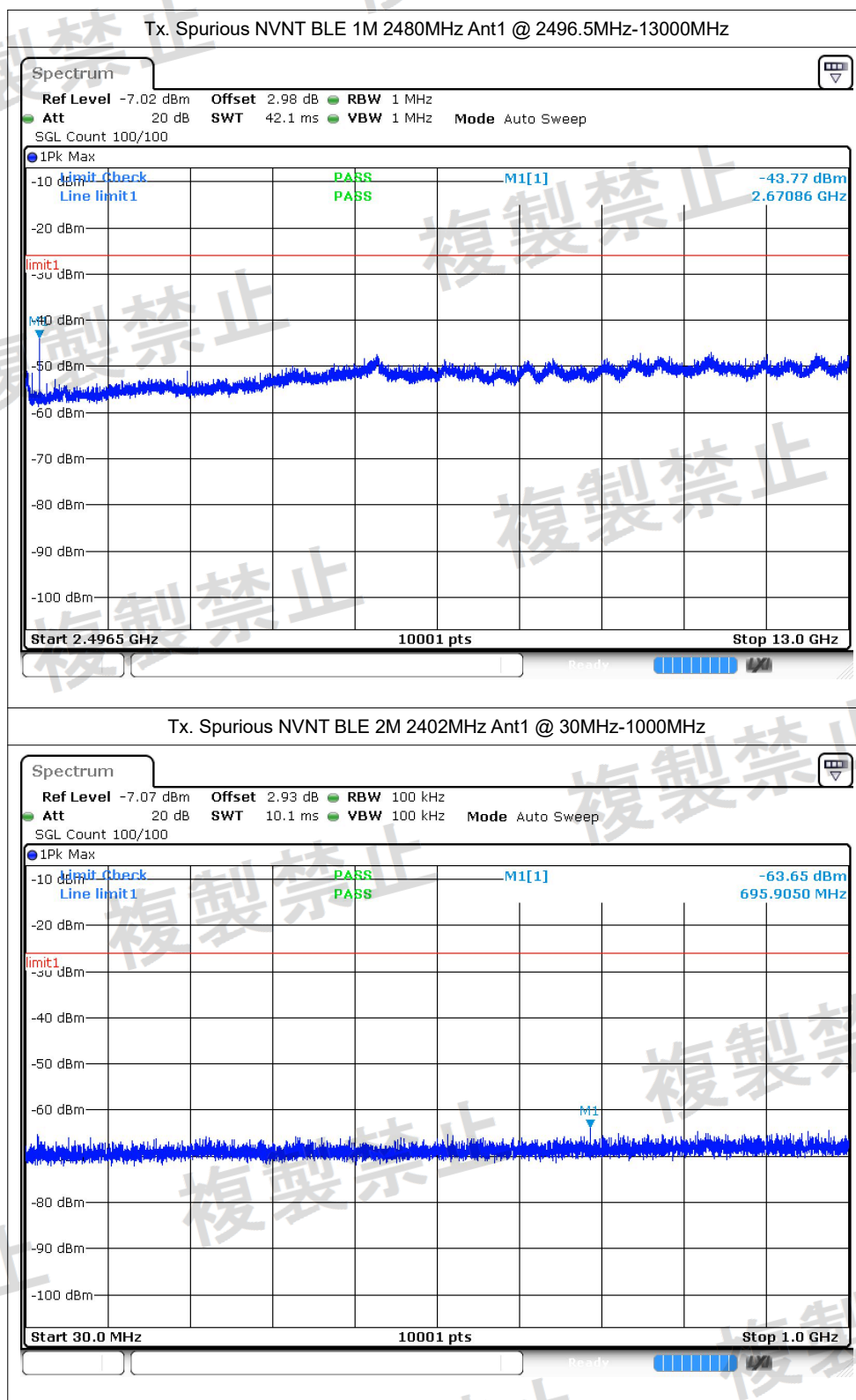


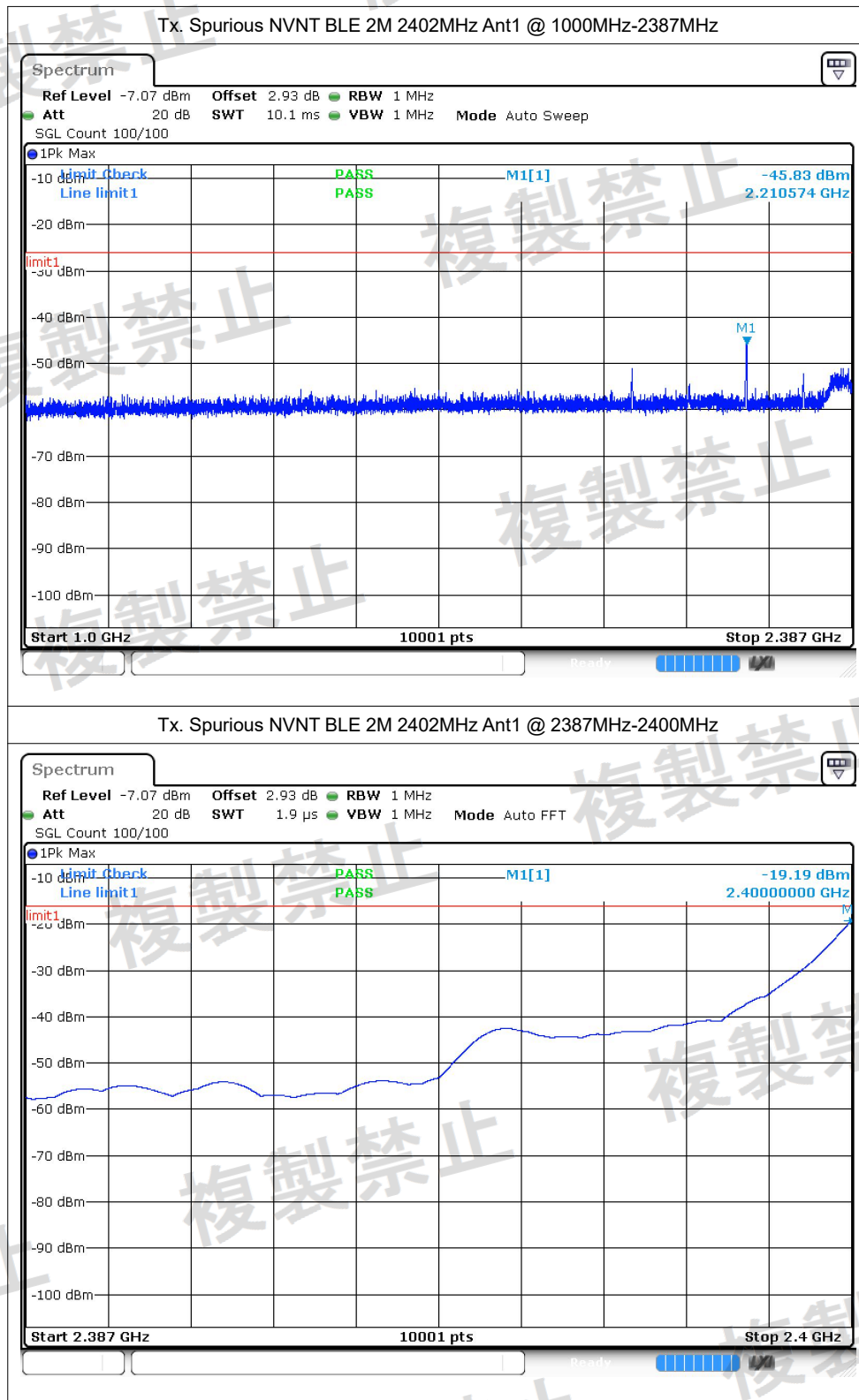


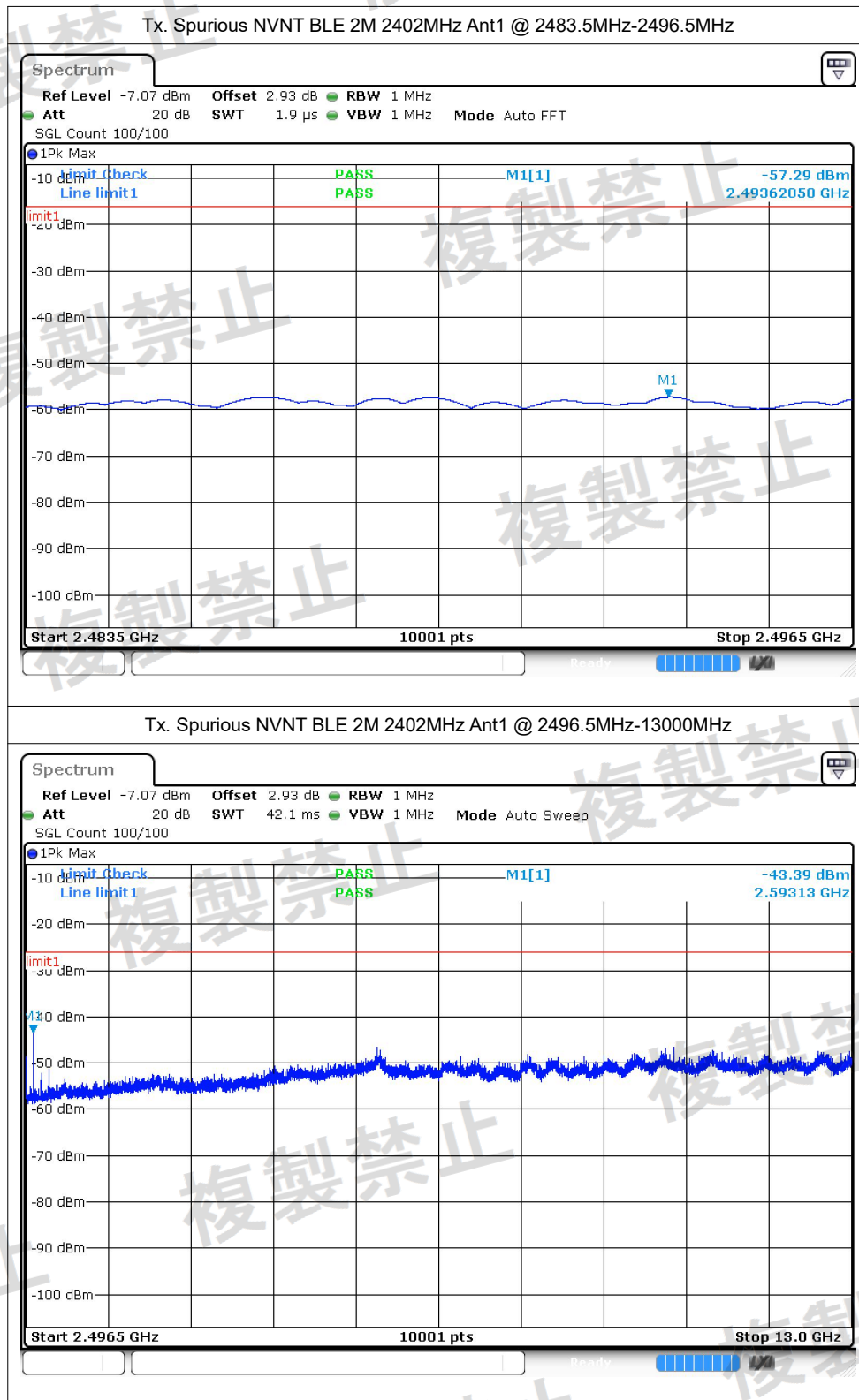


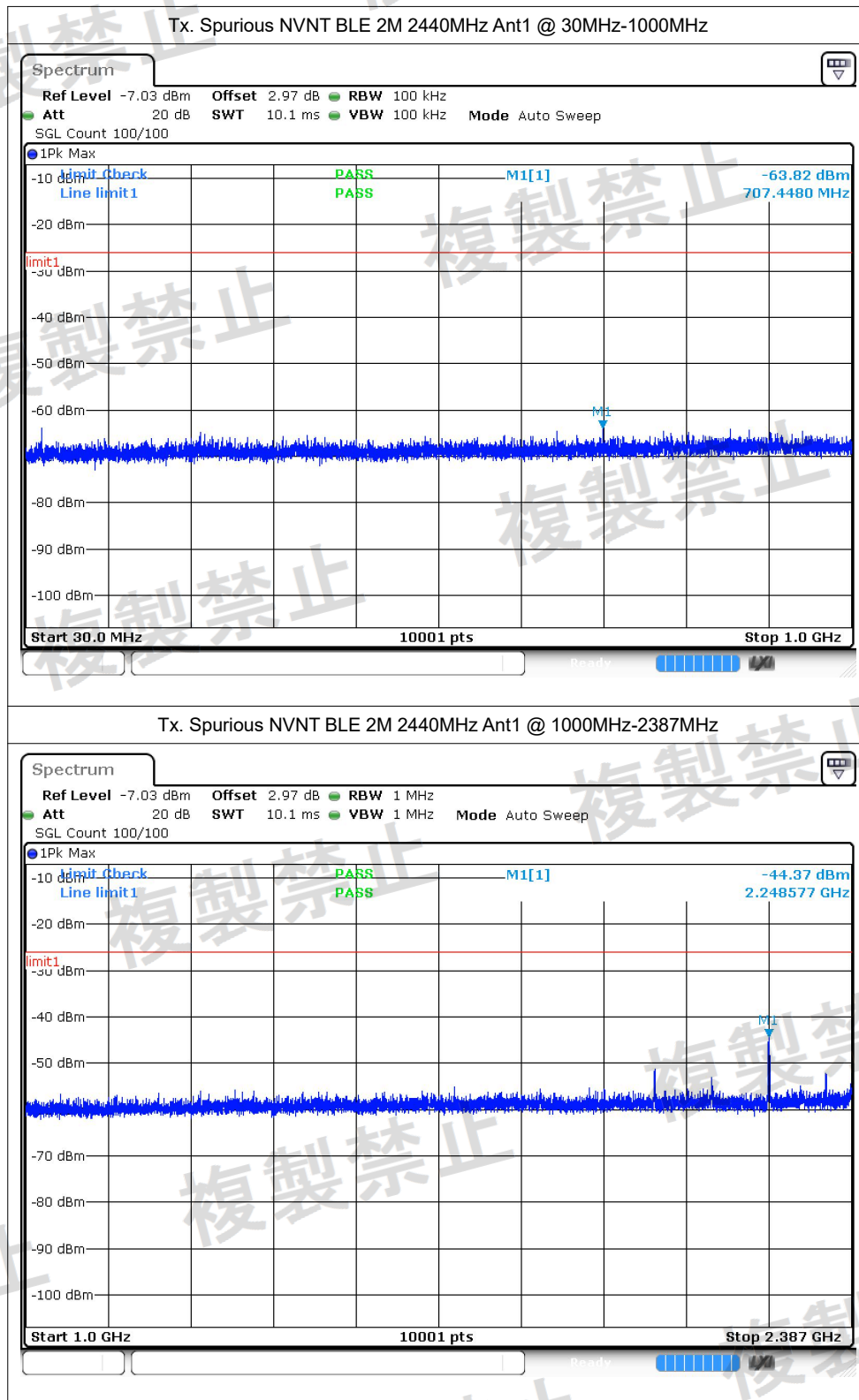


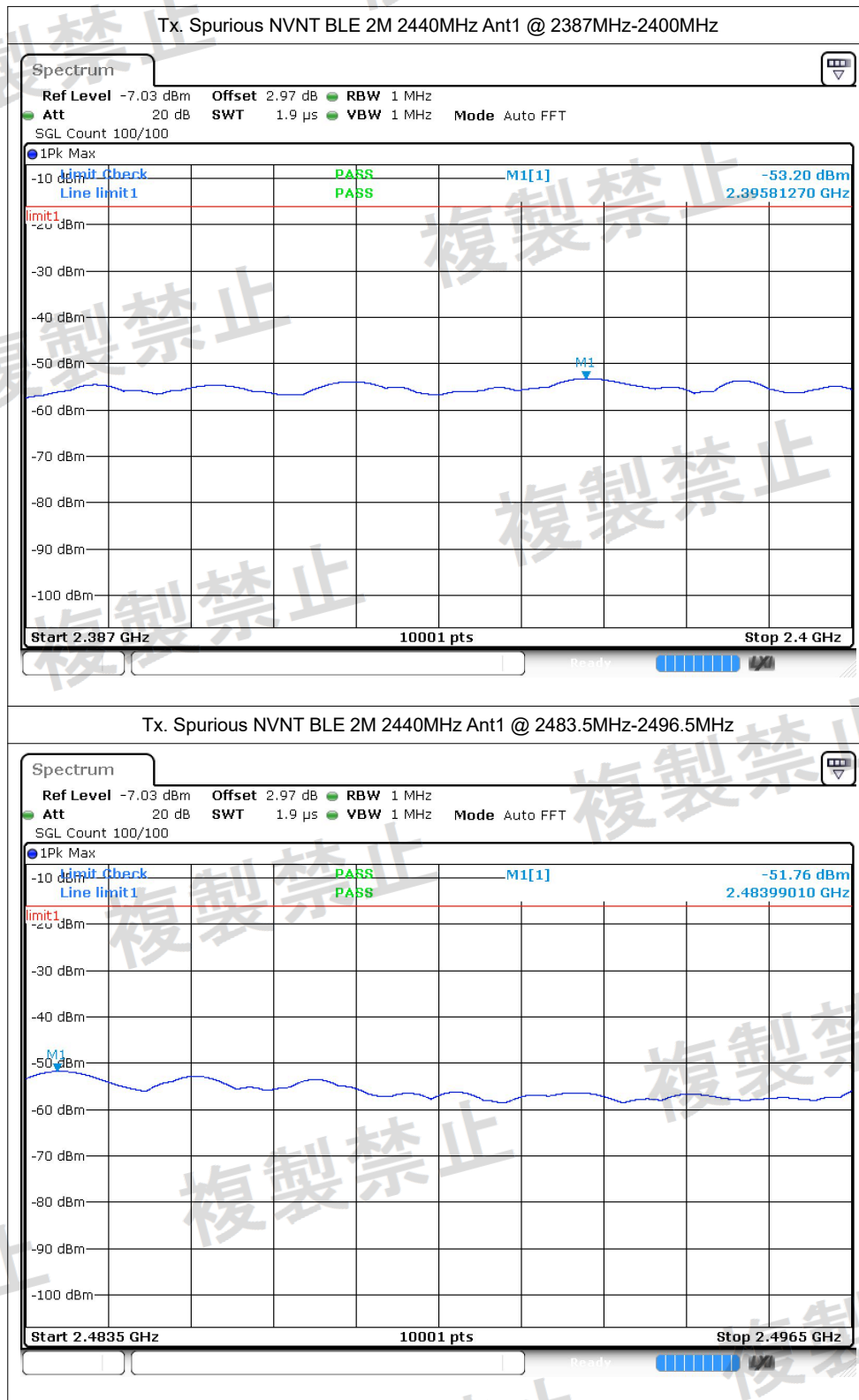


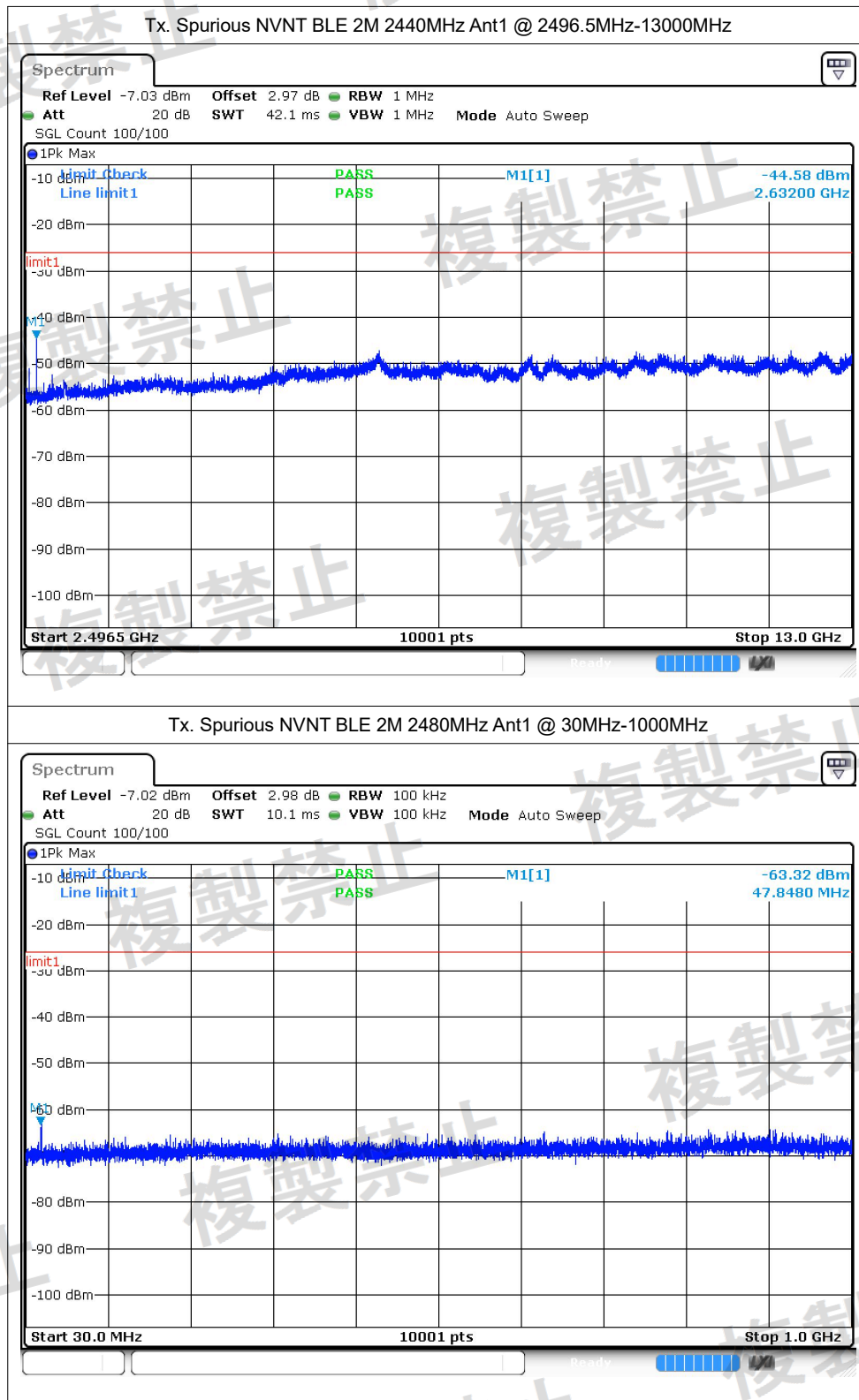


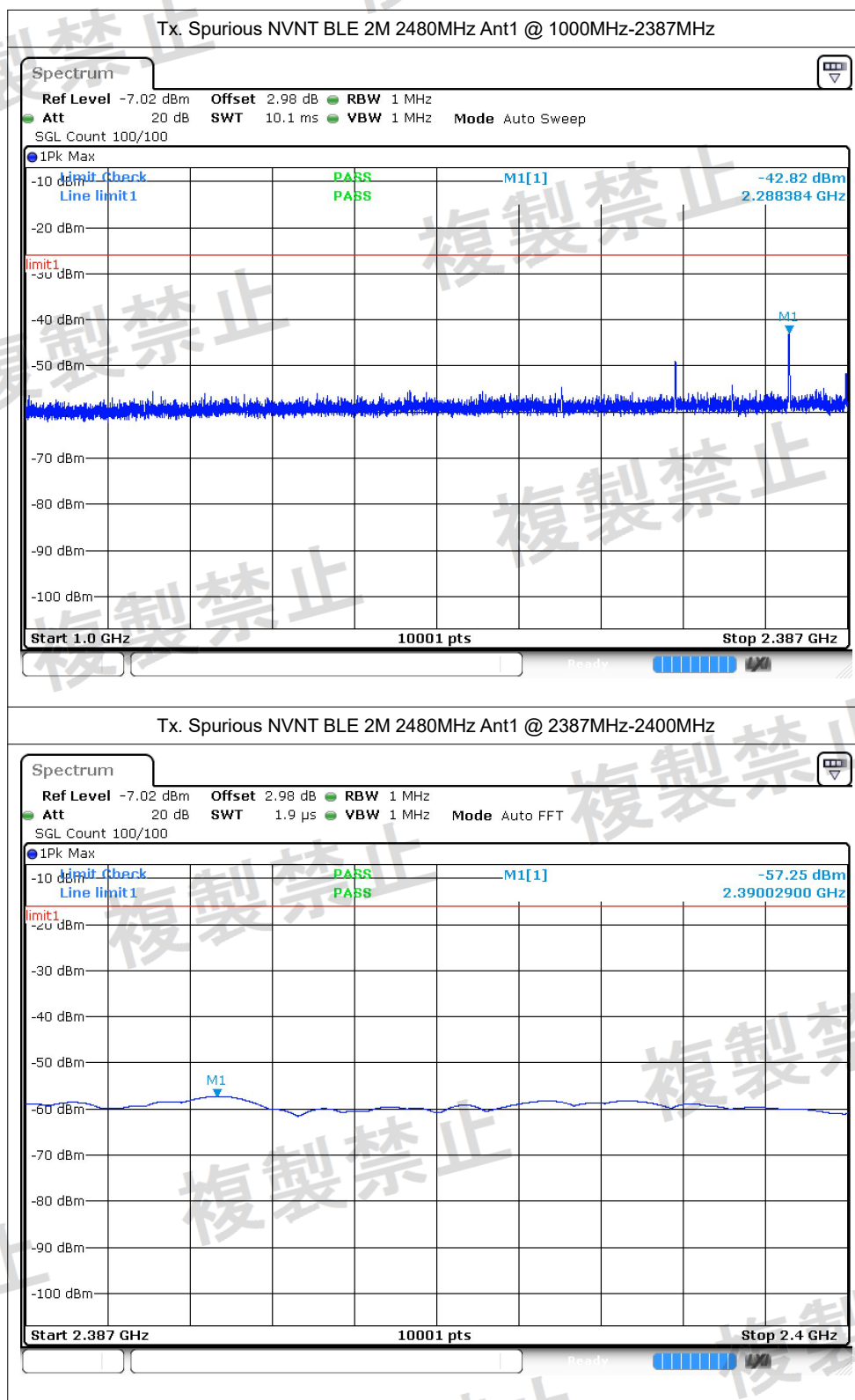


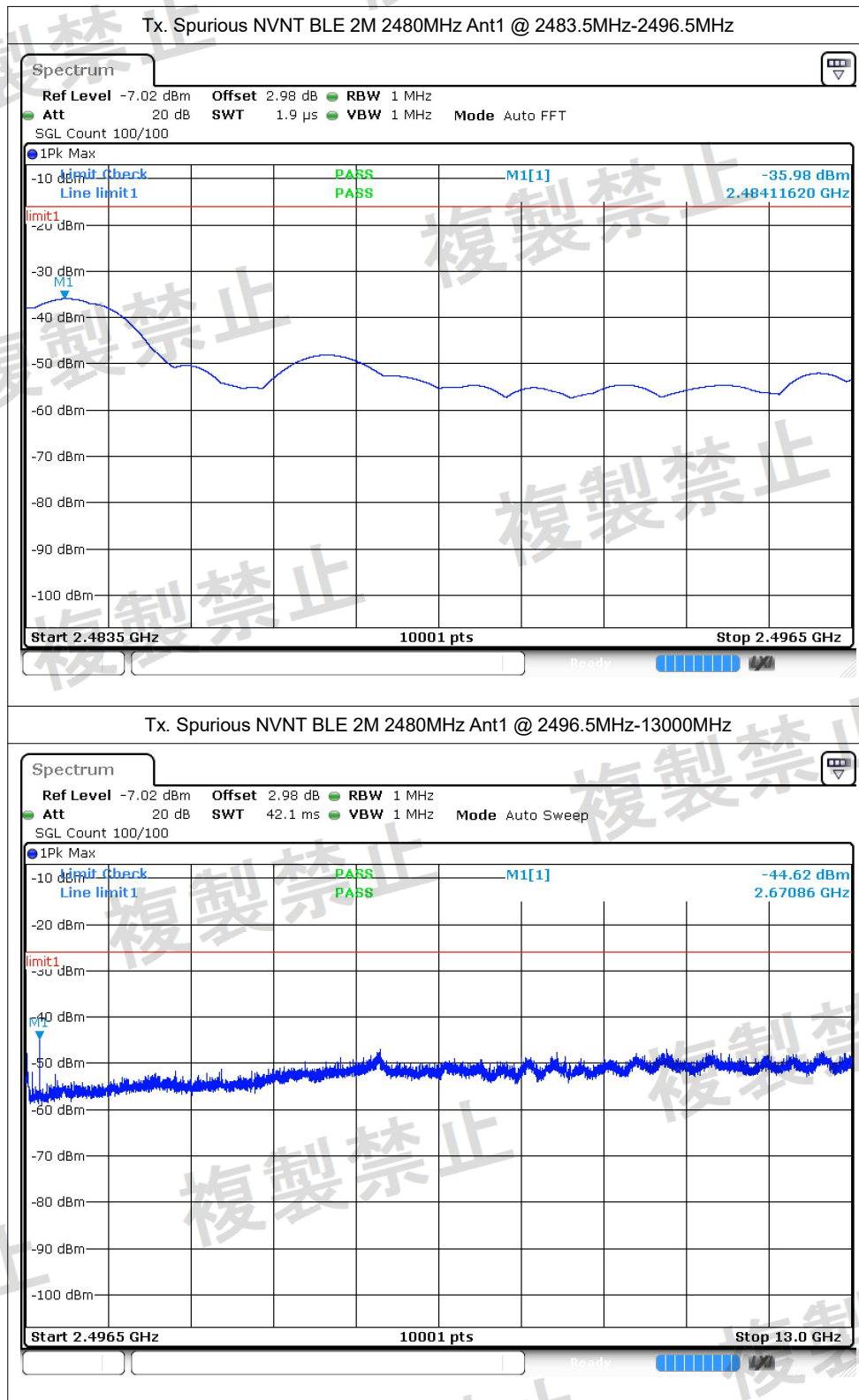






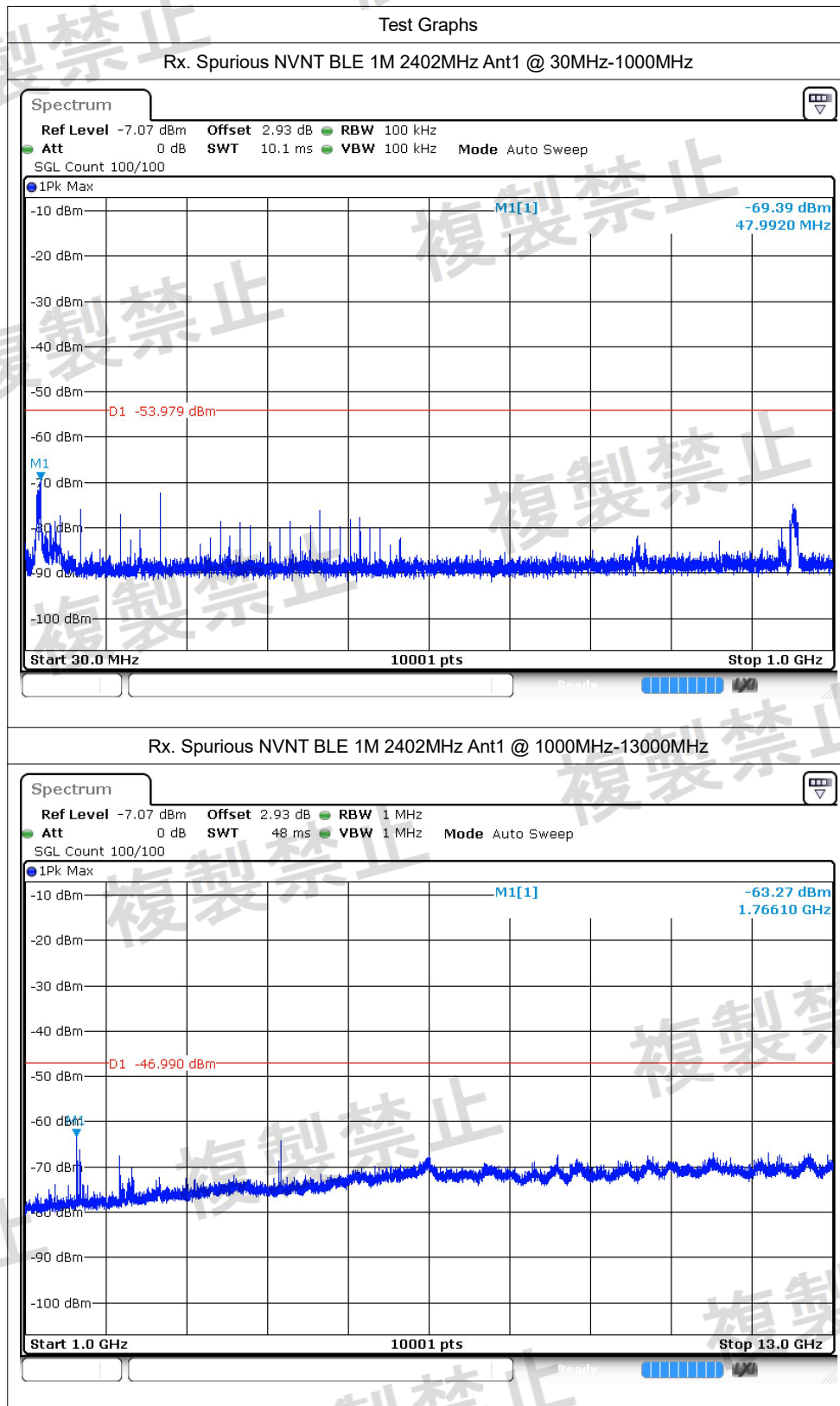


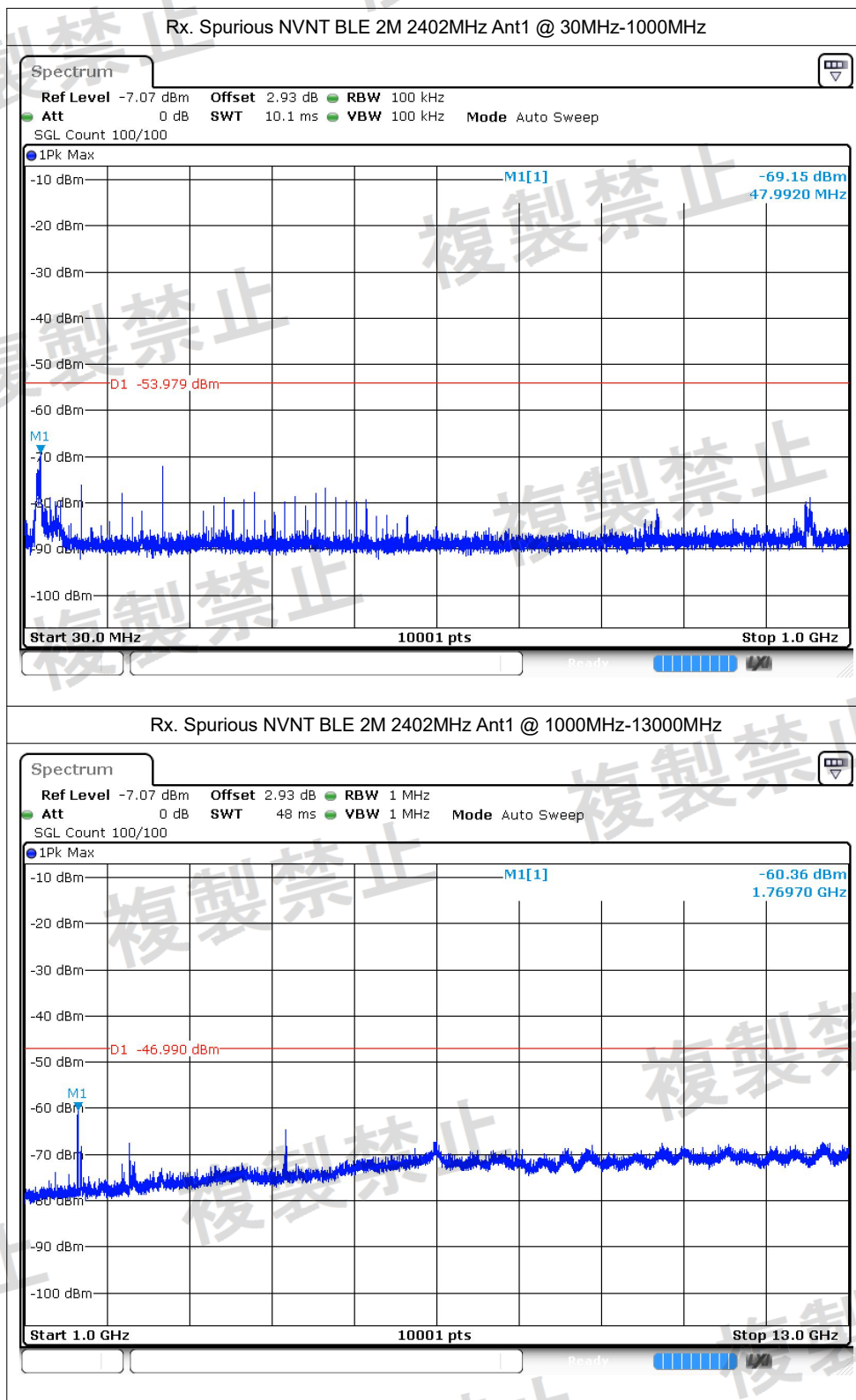




Rx Spurious Emission

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	BLE 1M	2402	Ant1	30-1000	47.99	-69.39	NA	0.1151	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	1766.10	-63.27	NA	0.471	NA	20	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	47.99	-69.15	NA	0.1216	NA	4	Pass
NVNT	BLE 2M	2402	Ant1	1000-13000	1769.70	-60.36	NA	0.9204	NA	20	Pass





-END-