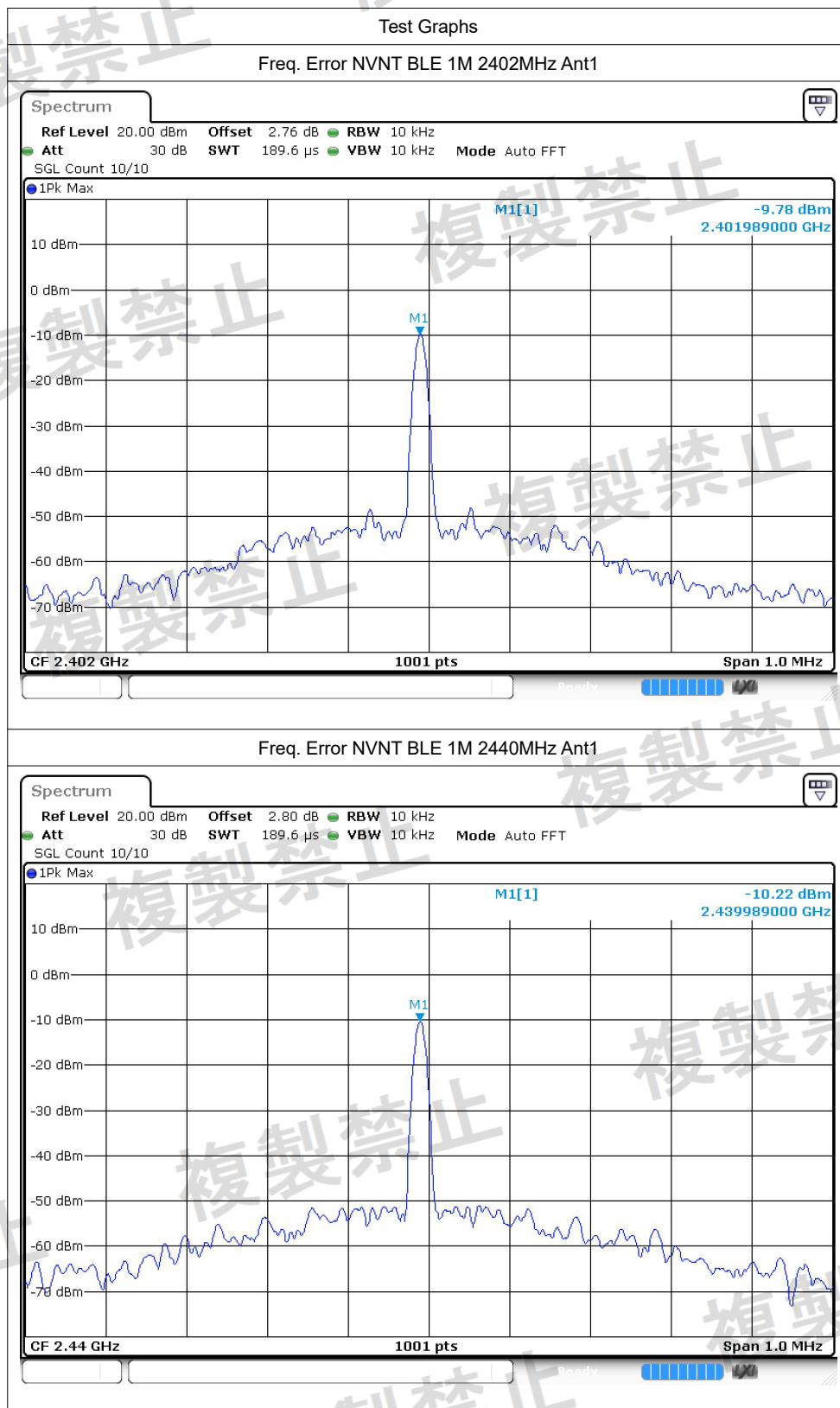
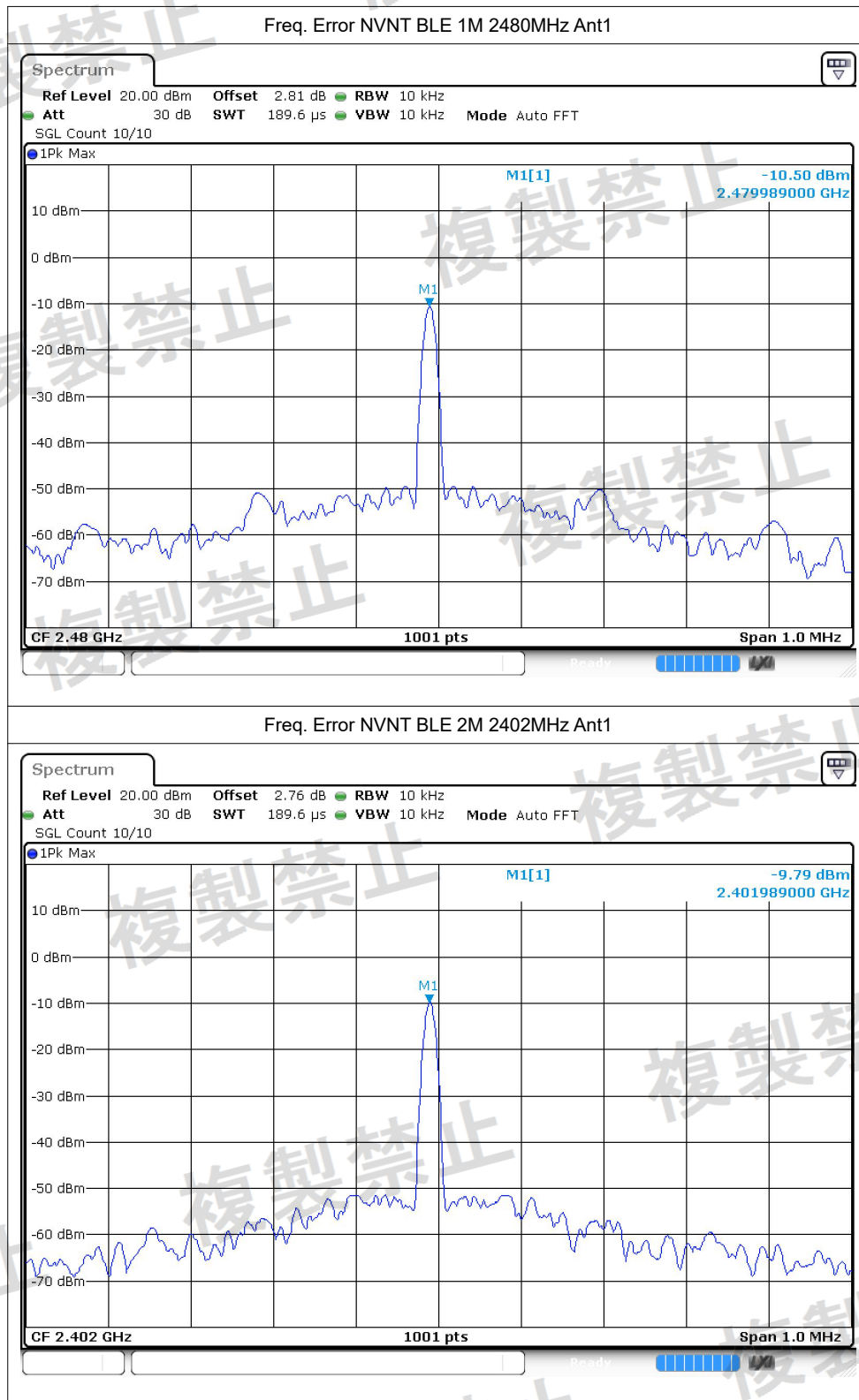


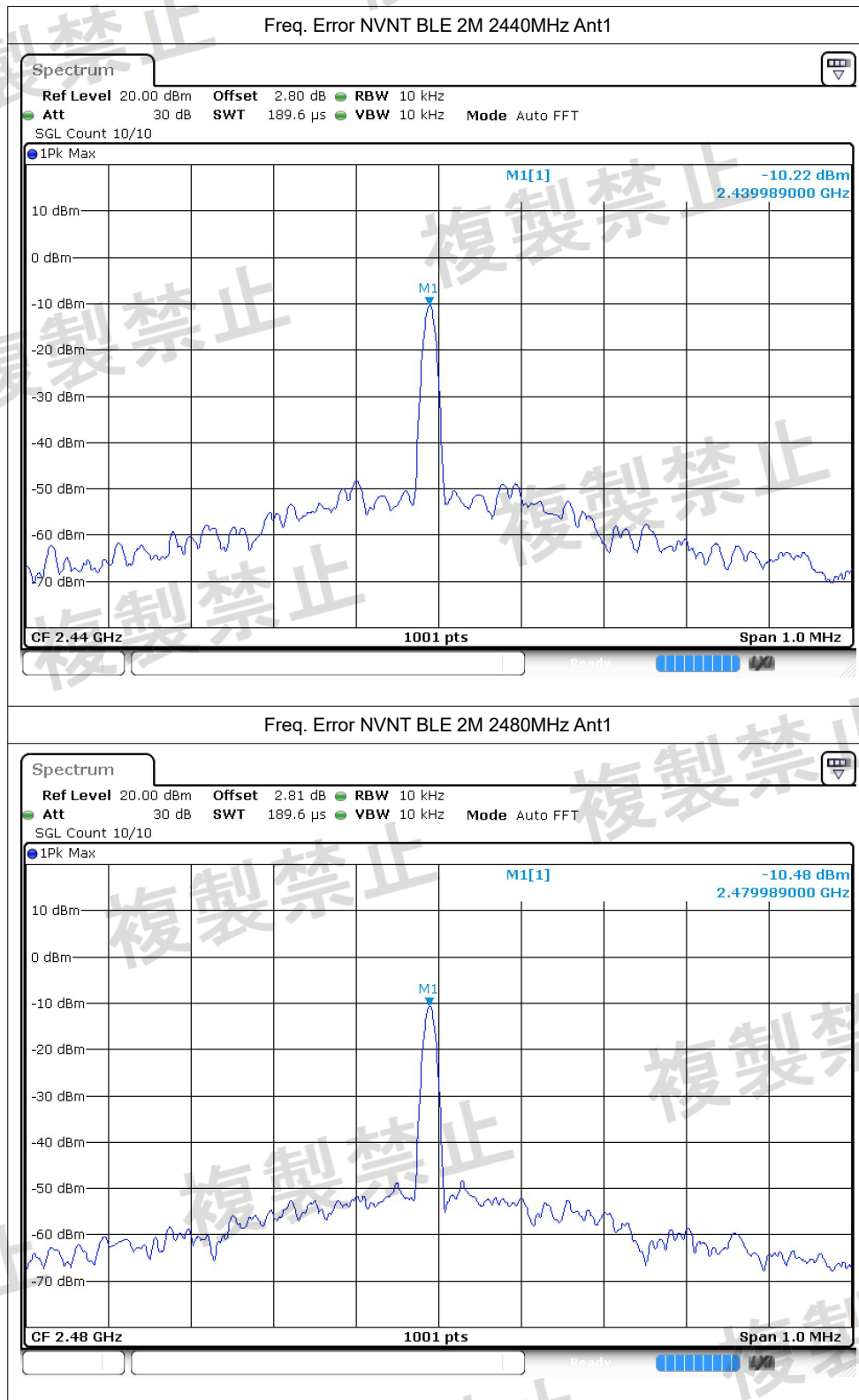
Appendix A_BLE

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.989	-11000	-4.58	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.989	-11000	-4.51	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.989	-11000	-4.44	50	Pass
NVNT	BLE 2M	2402	Ant1	2401.989	-11000	-4.58	50	Pass
NVNT	BLE 2M	2440	Ant1	2439.989	-11000	-4.51	50	Pass
NVNT	BLE 2M	2480	Ant1	2479.989	-11000	-4.44	50	Pass







Antenna Power

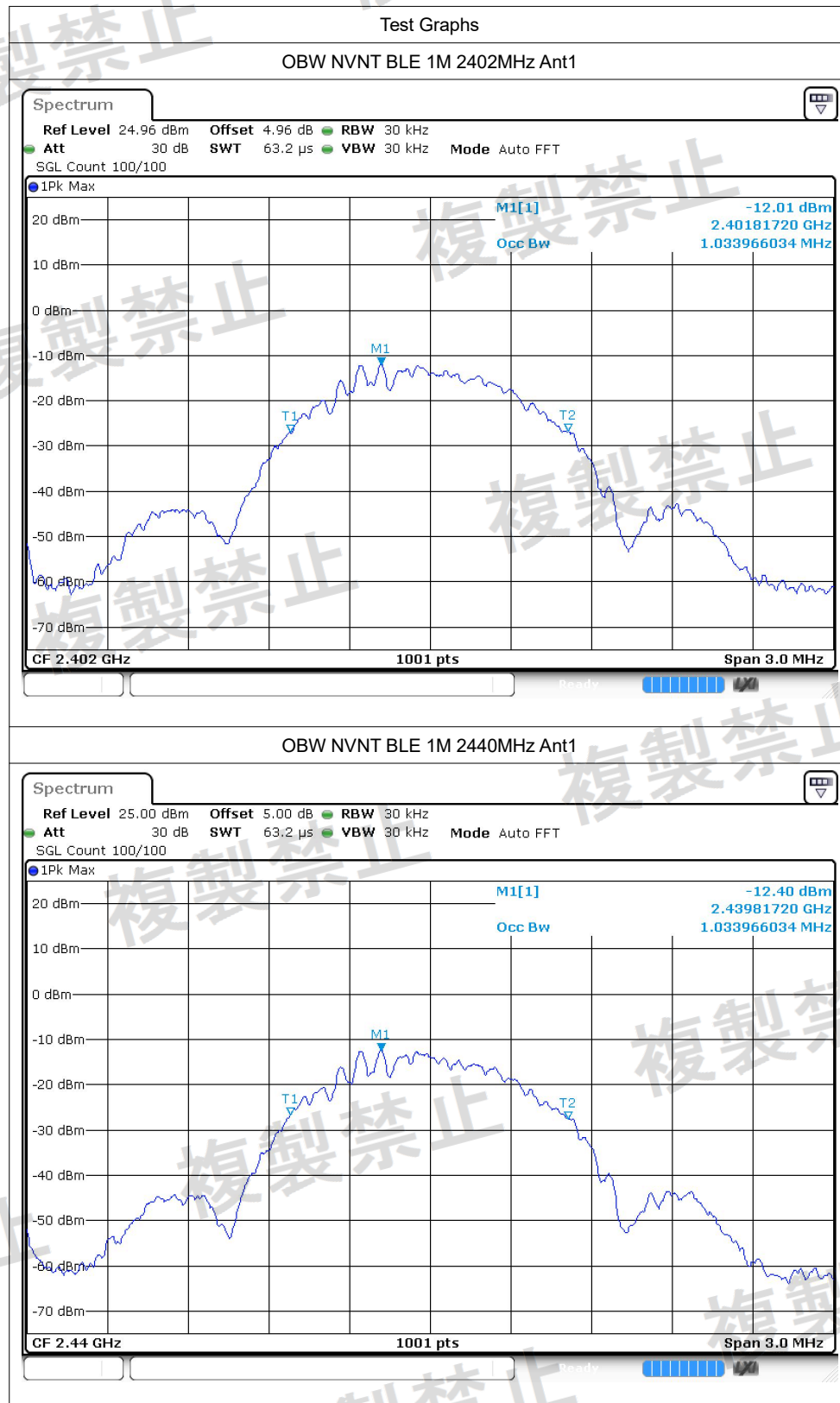
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-8.52	0.141	10	0.2	-29.5	20	Pass
NVNT	BLE 1M	2440	Ant1	-8.99	0.126	10	0.2	-37	20	Pass
NVNT	BLE 1M	2480	Ant1	-9.29	0.118	10	0.2	-41	20	Pass
NVNT	BLE 2M	2402	Ant1	-8.5	0.141	10	0.2	-29.5	20	Pass
NVNT	BLE 2M	2440	Ant1	-8.99	0.126	10	0.2	-37	20	Pass
NVNT	BLE 2M	2480	Ant1	-9.27	0.118	10	0.2	-41	20	Pass

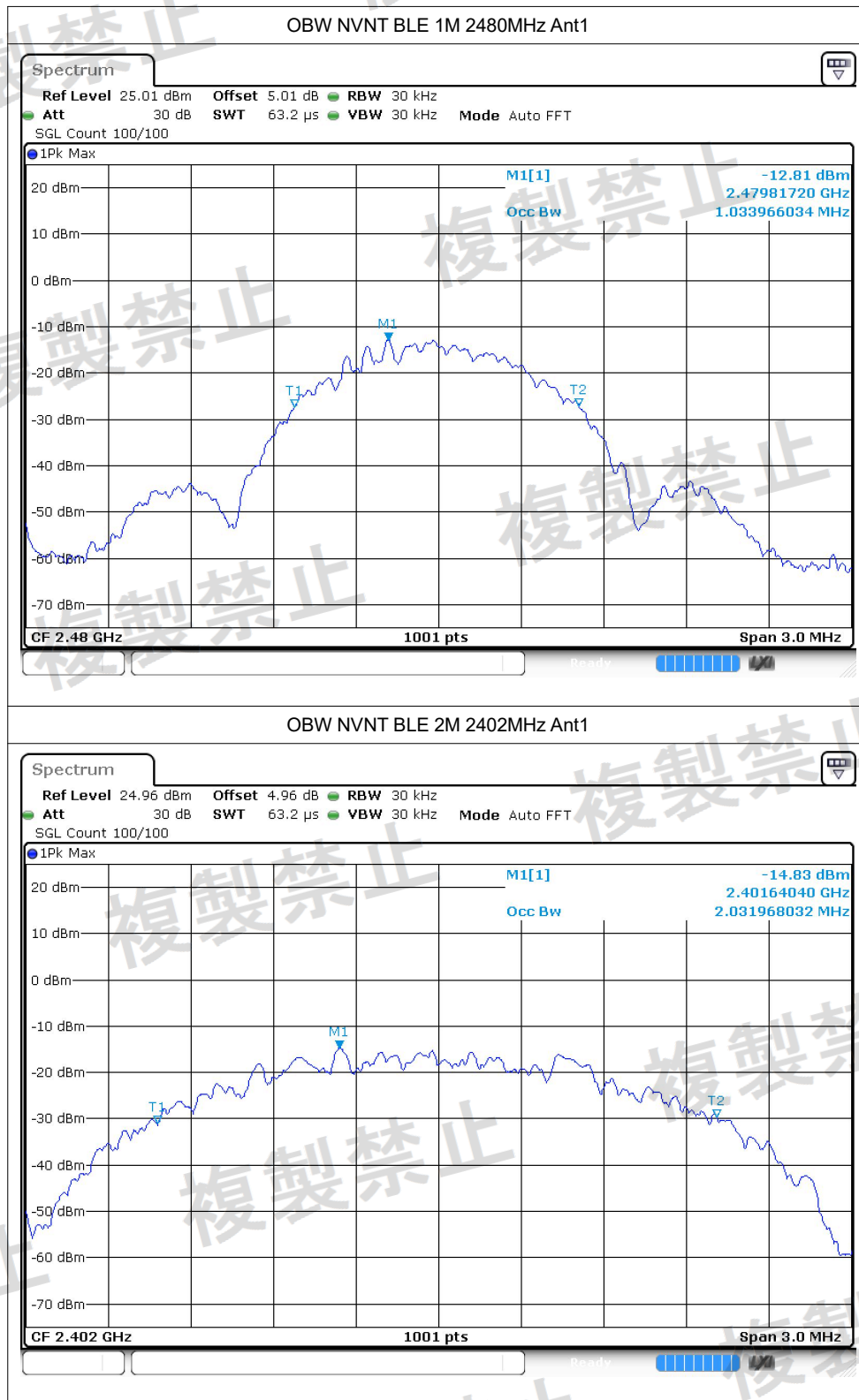
**EIRP Power**

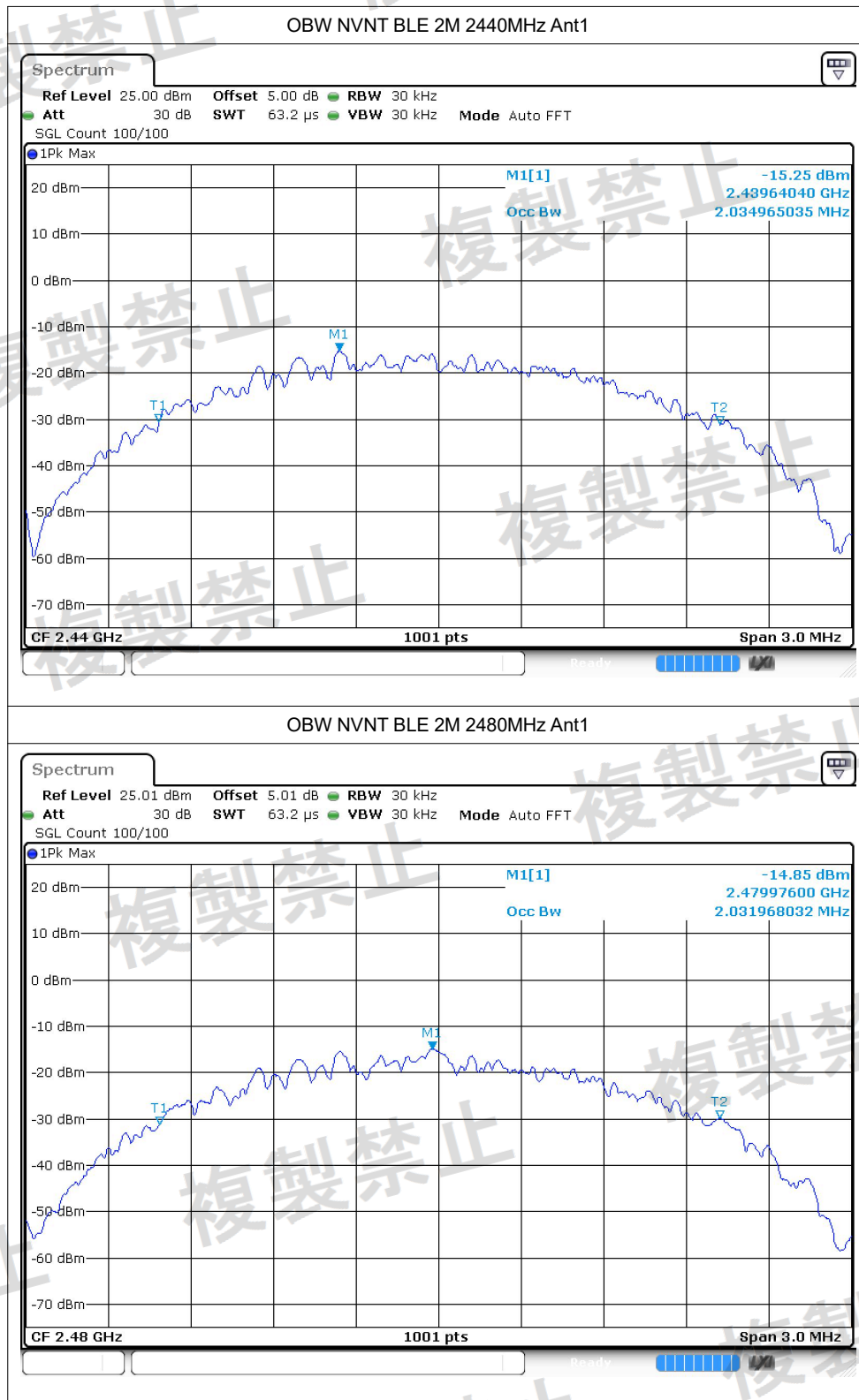
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.141	-8.52	2.2	-6.32	12.14	Pass
NVNT	BLE 1M	2440	Ant1	0.126	-8.99	2.2	-6.79	12.14	Pass
NVNT	BLE 1M	2480	Ant1	0.118	-9.29	2.2	-7.09	12.14	Pass
NVNT	BLE 2M	2402	Ant1	0.141	-8.5	2.2	-6.3	12.14	Pass
NVNT	BLE 2M	2440	Ant1	0.126	-8.99	2.2	-6.79	12.14	Pass
NVNT	BLE 2M	2480	Ant1	0.118	-9.27	2.2	-7.07	12.14	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.034
NVNT	BLE 1M	2440	Ant1	1.034
NVNT	BLE 1M	2480	Ant1	1.034
NVNT	BLE 2M	2402	Ant1	2.032
NVNT	BLE 2M	2440	Ant1	2.035
NVNT	BLE 2M	2480	Ant1	2.032

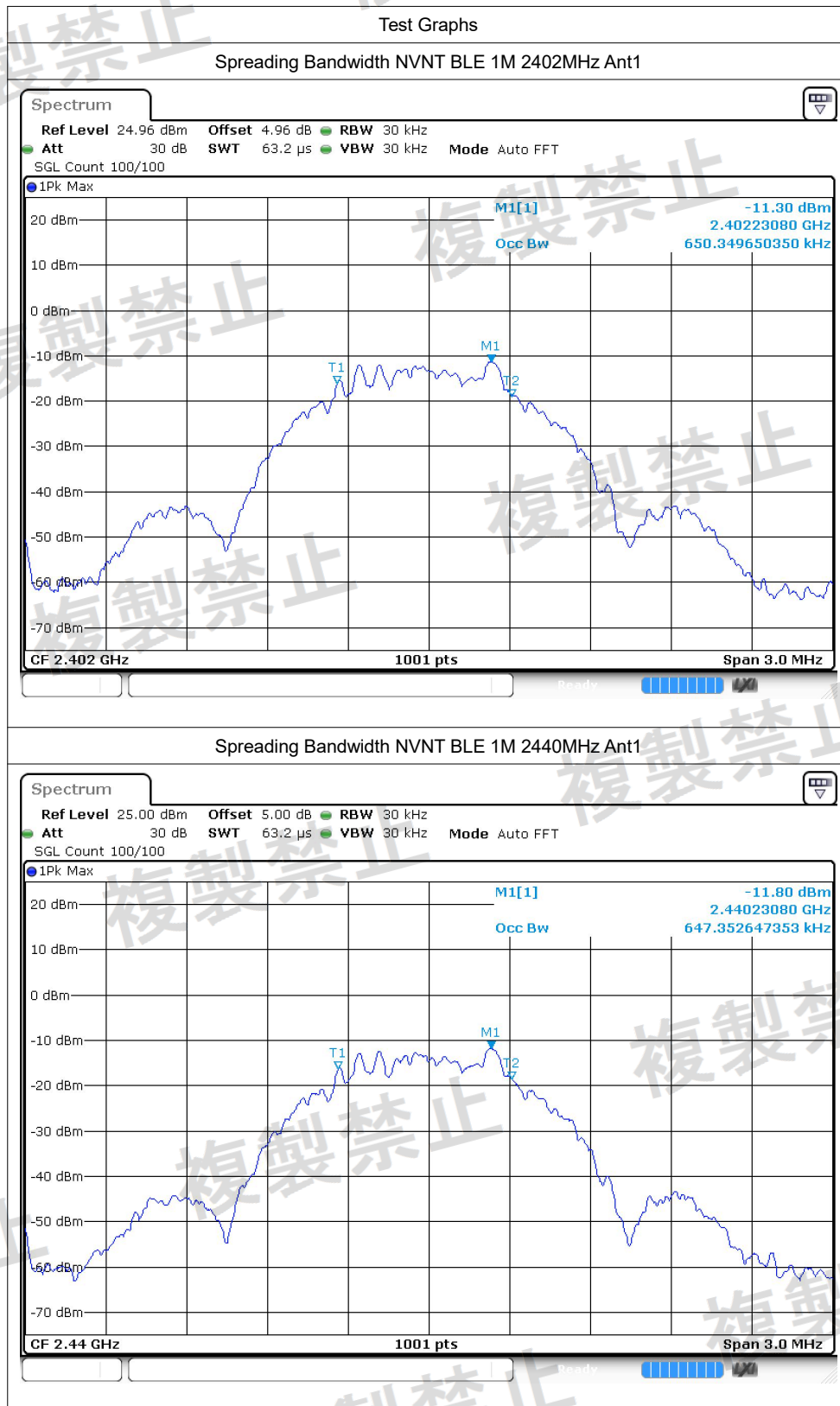


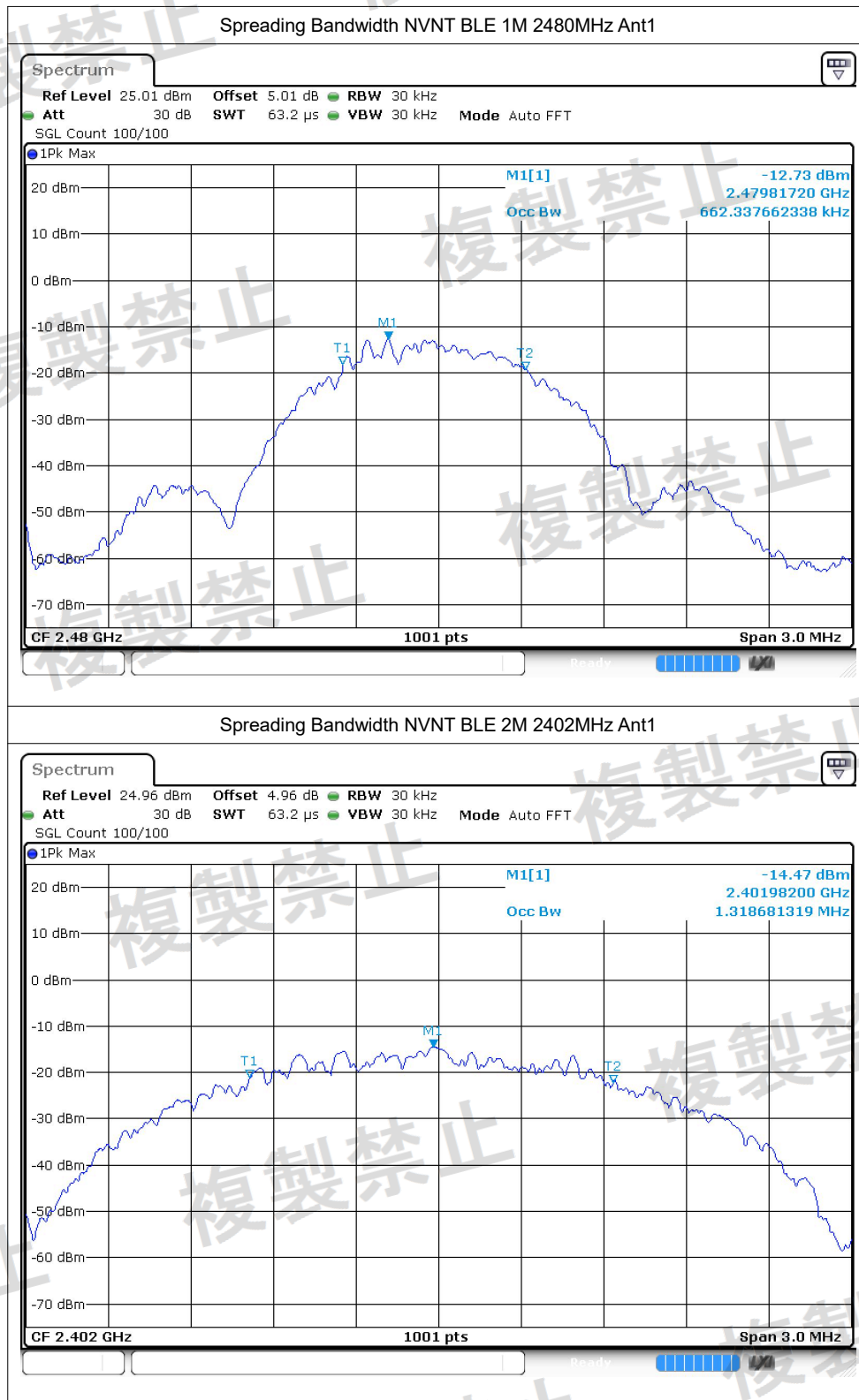


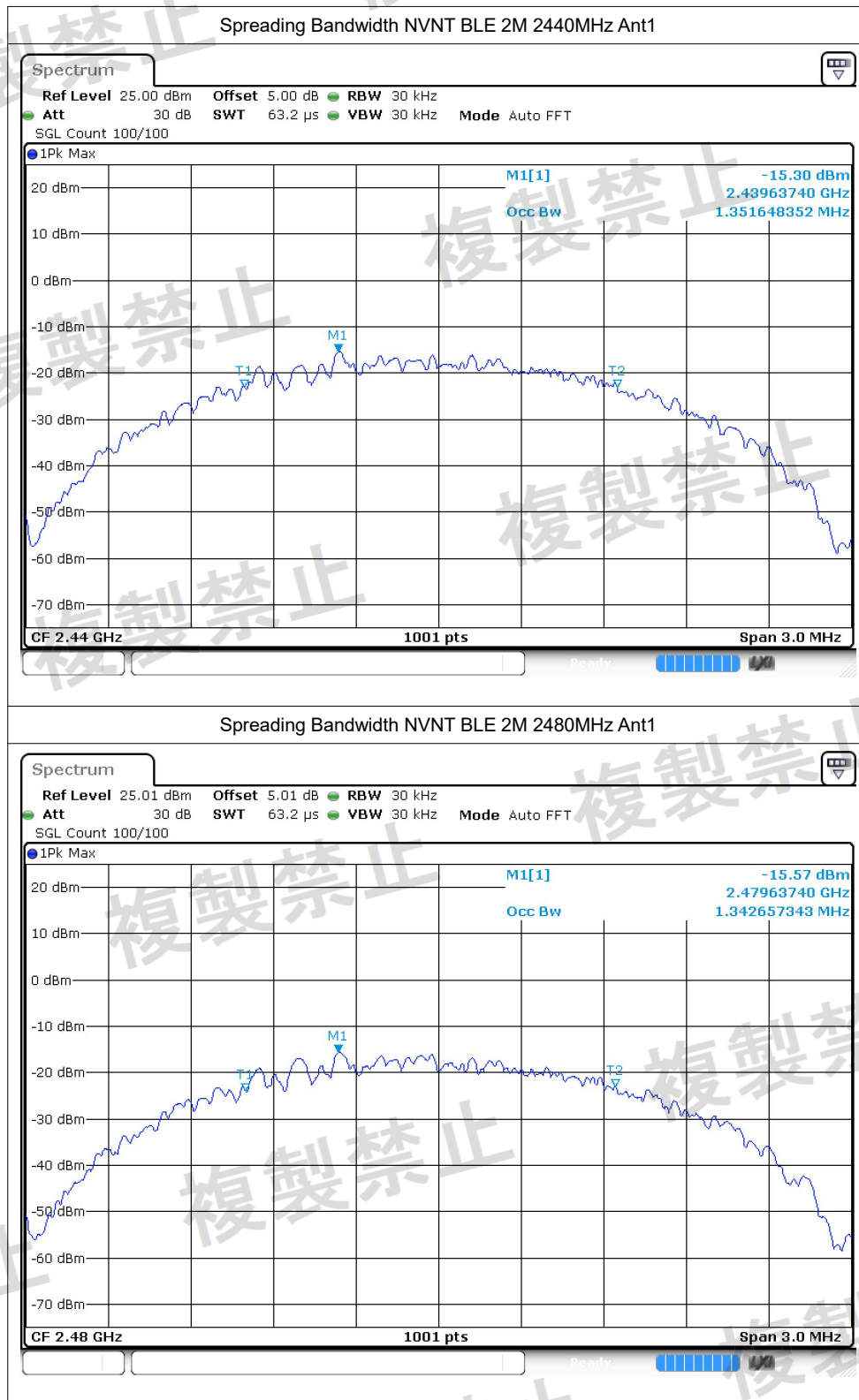


Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.65	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.647	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.662	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.319	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.352	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.343	0.5	Pass





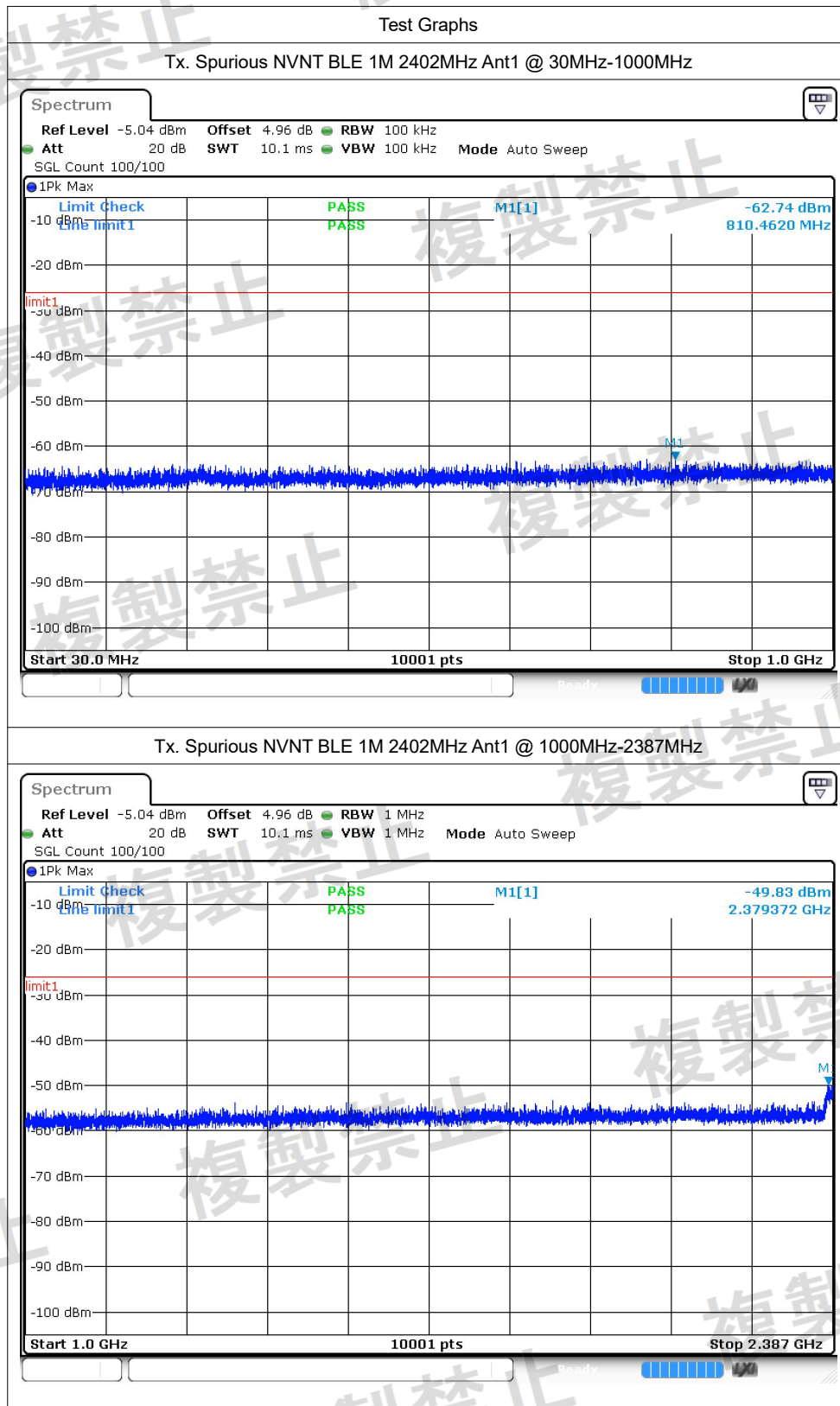


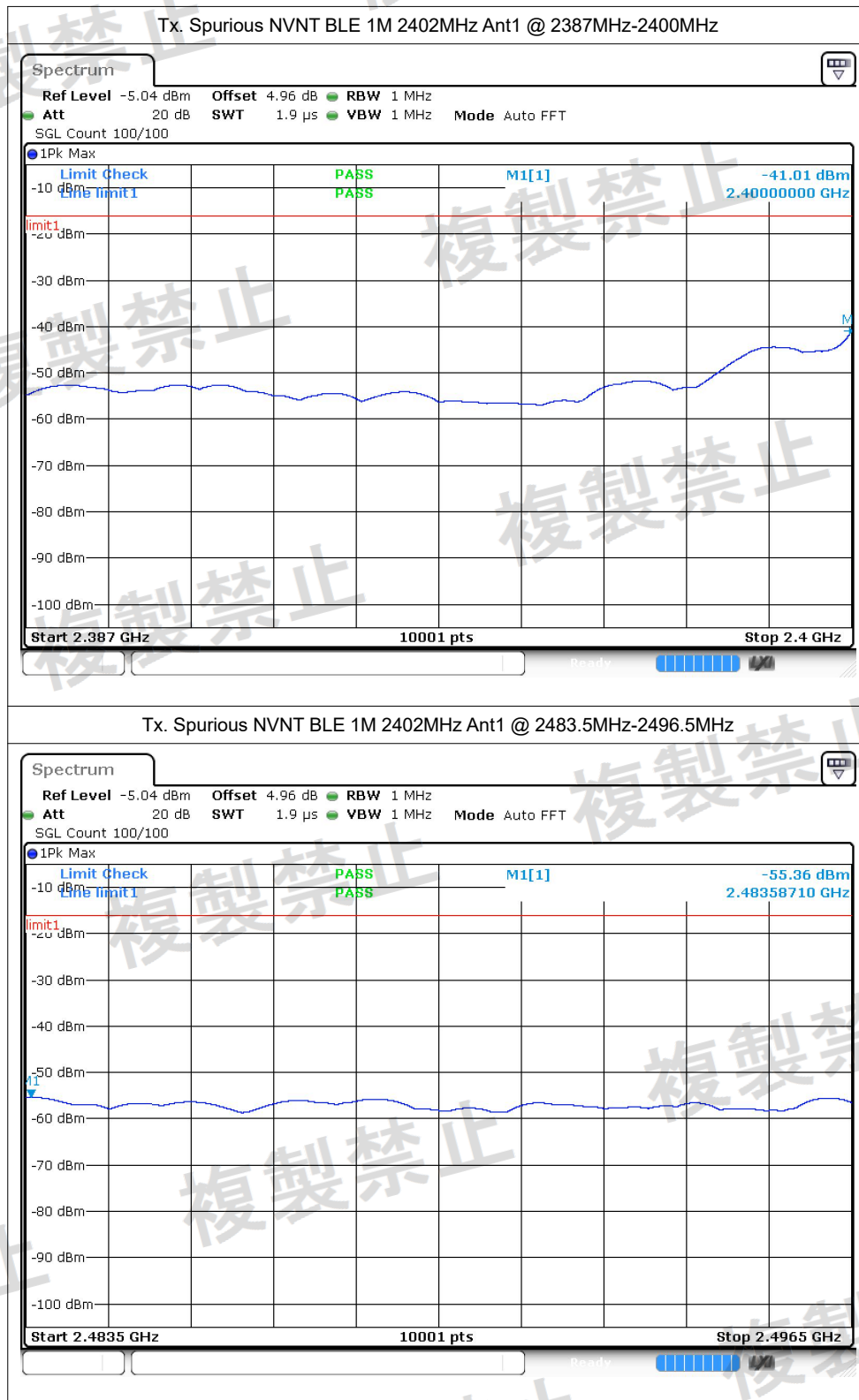
Tx Spurious Emission

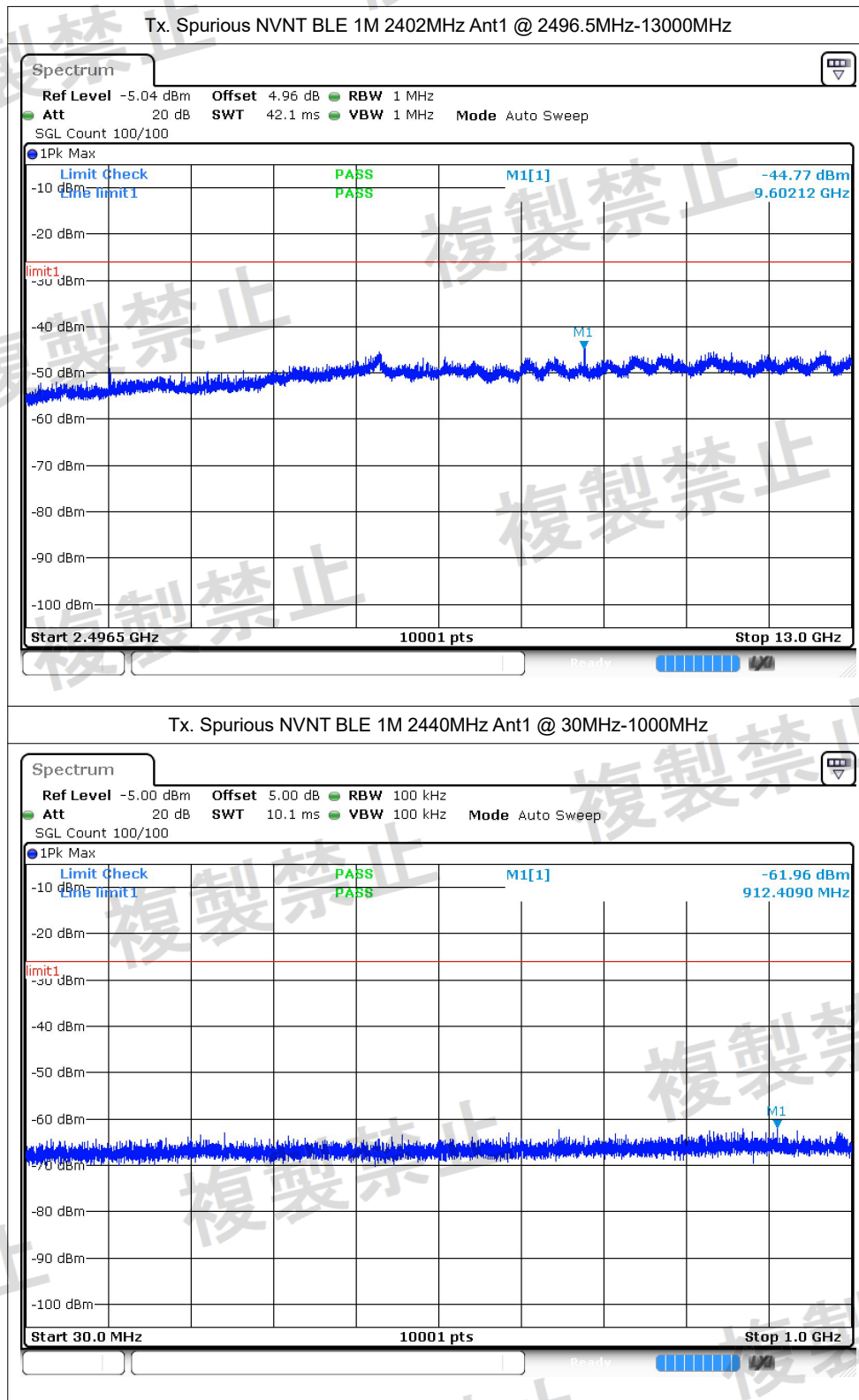
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	810.46	-52.74	NA	0.0053	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2379.37	-49.82	NA	0.0104	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2400.00	-41.00	NA	0.0794	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2483.59	-55.35	NA	0.0029	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	9602.12	-44.77	NA	0.0333	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	912.41	-51.96	NA	0.0064	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	1781.16	-53.02	NA	0.005	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2392.13	-54.95	NA	0.0032	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2493.10	-53.73	NA	0.0042	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	12689.10	-44.84	NA	0.0328	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	856.34	-52.73	NA	0.0053	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	1879.50	-53.12	NA	0.0049	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2398.77	-55.35	NA	0.0029	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2495.02	-49.91	NA	0.0102	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	9914.07	-45.00	NA	0.0316	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	735.00	-52.00	NA	0.0063	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	1000-2387	2381.04	-50.65	NA	0.0086	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	2387-2400	2400.00	-29.25	NA	1.1885	NA	25	25	Pass
NVNT	BLE 2M	2402	Ant1	2483.5-2496.5	2492.27	-54.84	NA	0.0033	NA	25	25	Pass

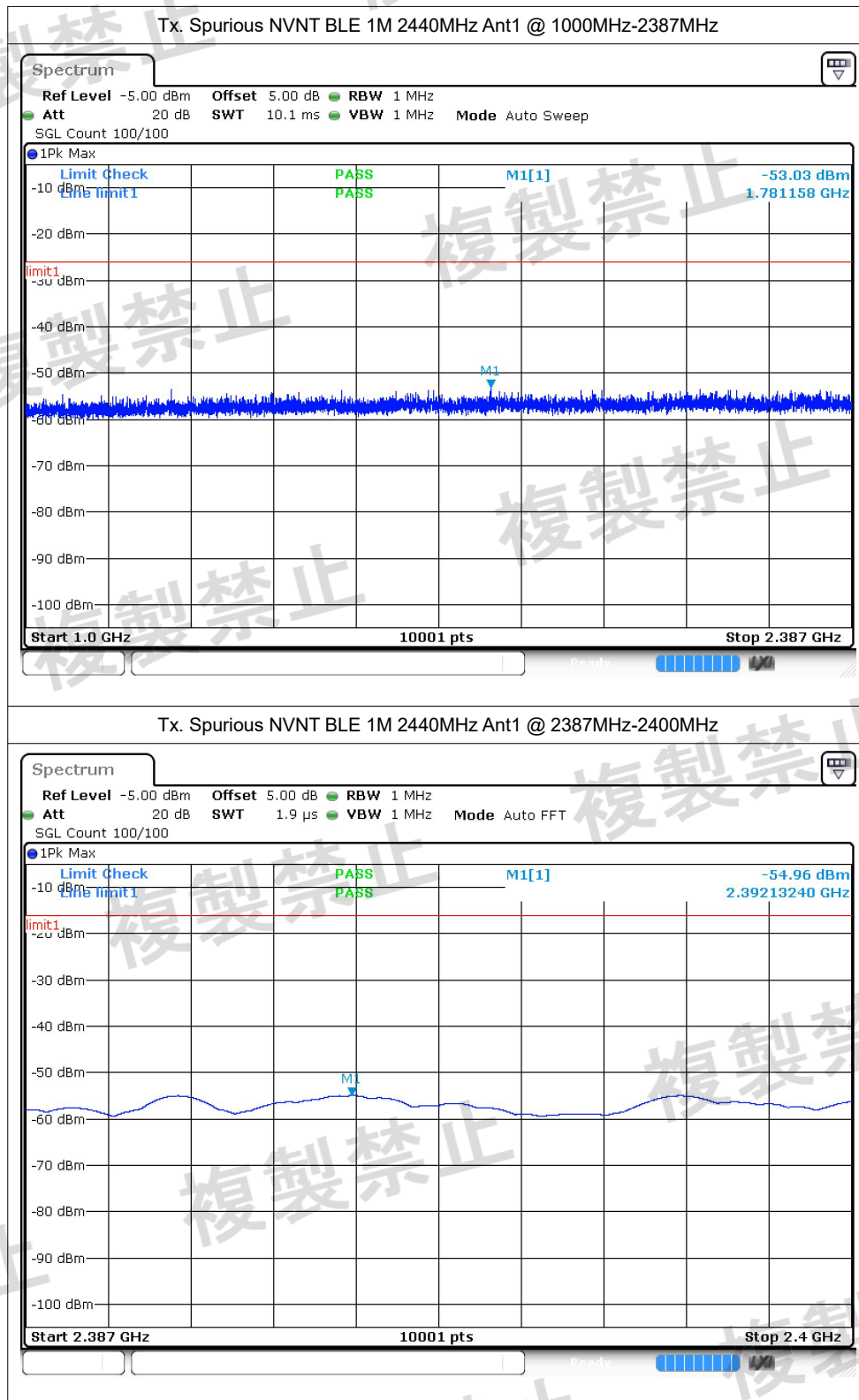


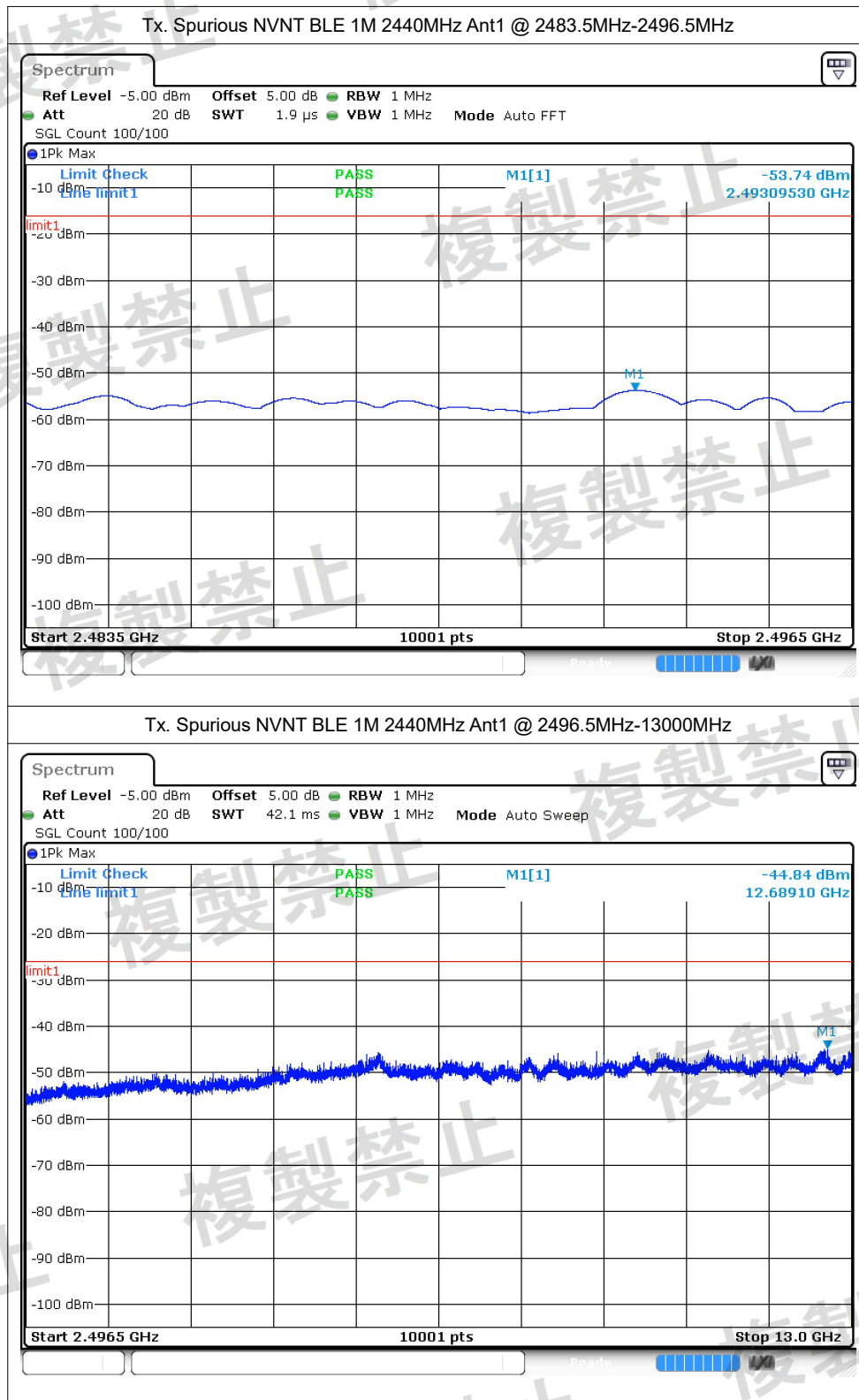
NVNT	BLE 2M	2402	Ant1	2496.5-13000	6989.90	-45.02	NA	0.0315	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	255.62	-52.87	NA	0.0052	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	1987.82	-52.14	NA	0.0061	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2392.43	-54.54	NA	0.0035	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496.5	2491.95	-54.92	NA	0.0032	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-13000	11897.13	-44.64	NA	0.0344	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	847.03	-52.23	NA	0.006	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	1000-2387	2142.19	-52.58	NA	0.0055	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	2387-2400	2396.22	-54.52	NA	0.0035	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2483.5-2496.5	2490.43	-52.12	NA	0.0061	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2496.5-13000	6993.05	-44.74	NA	0.0336	NA	2.5	2.5	Pass

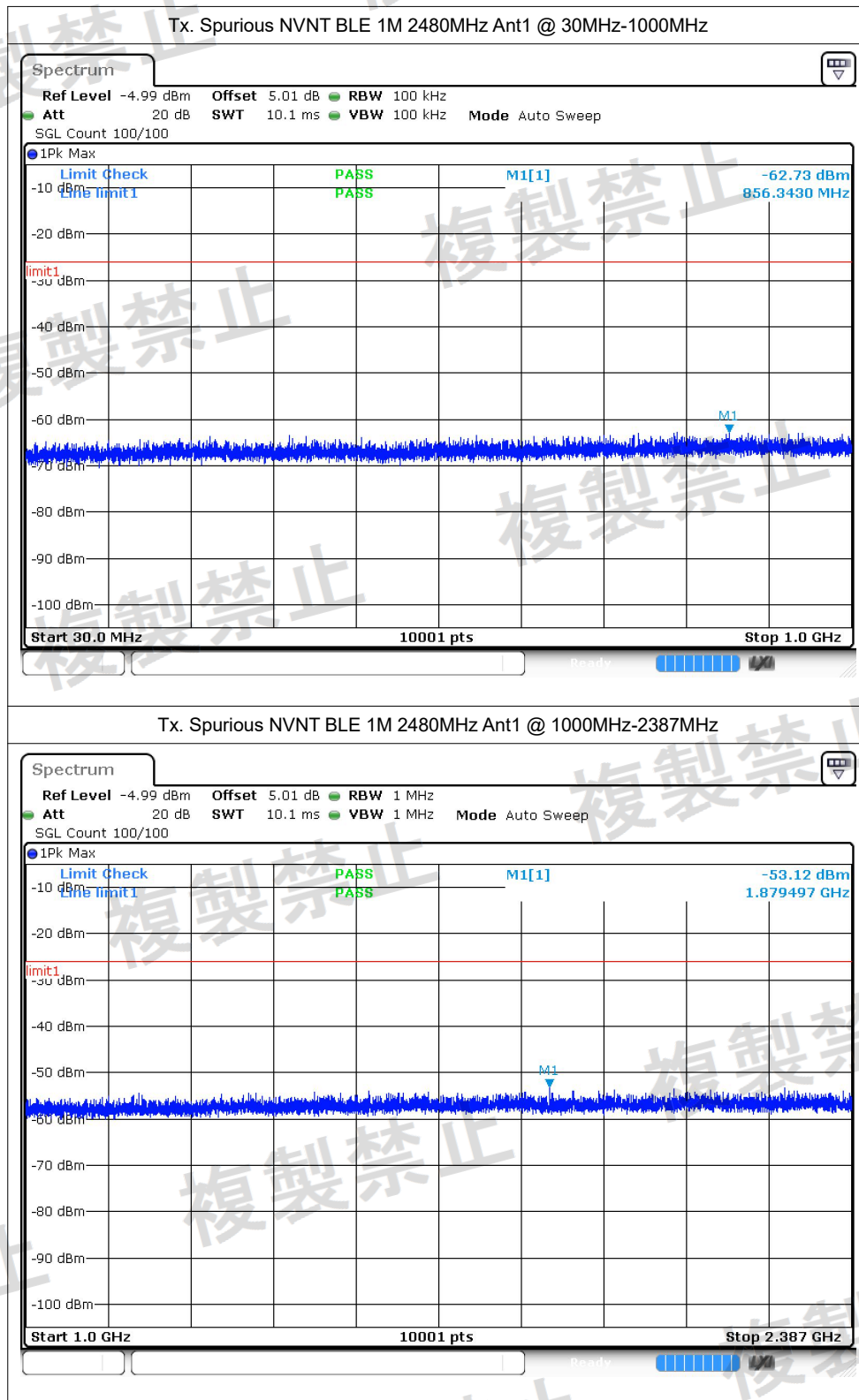


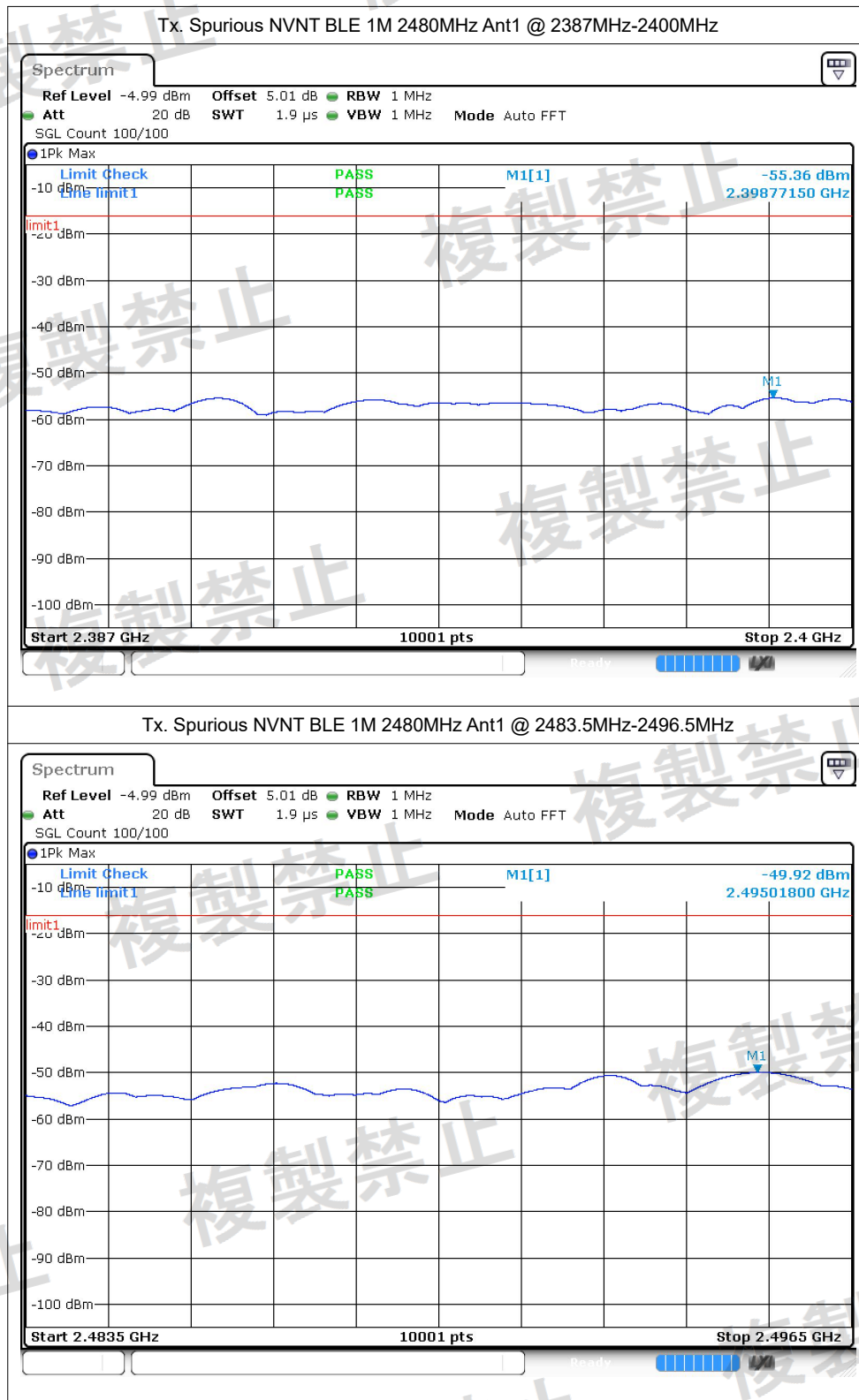


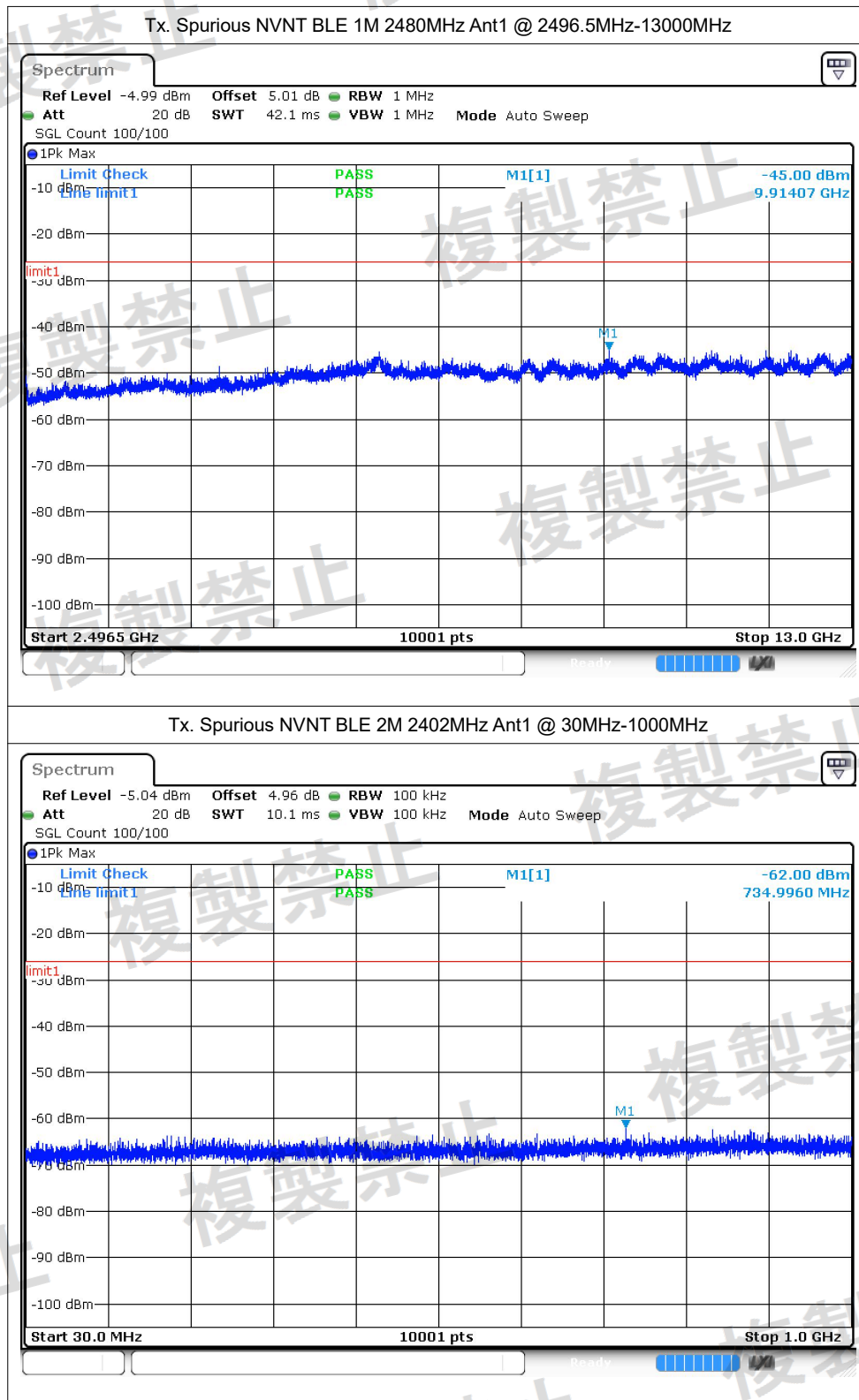


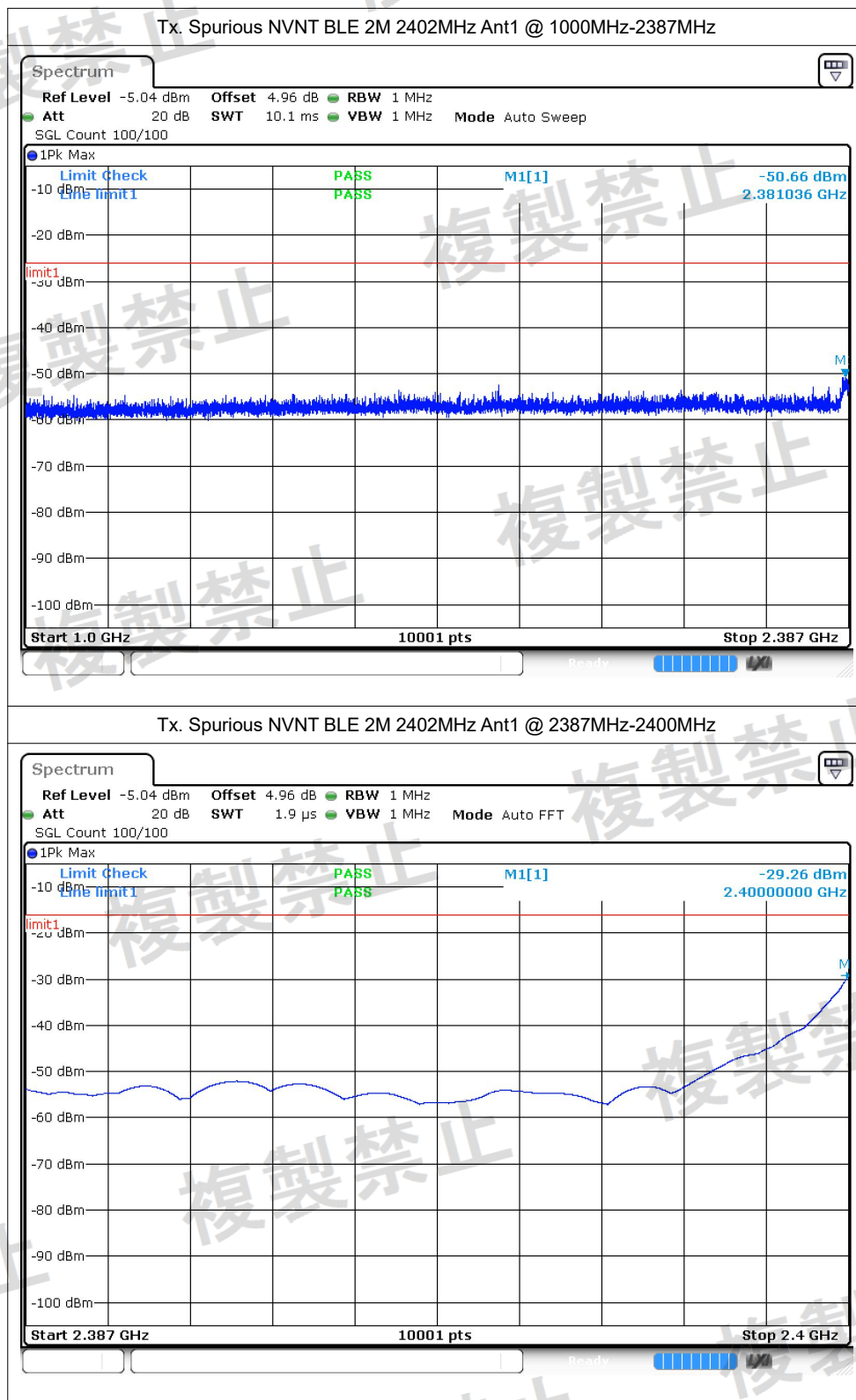


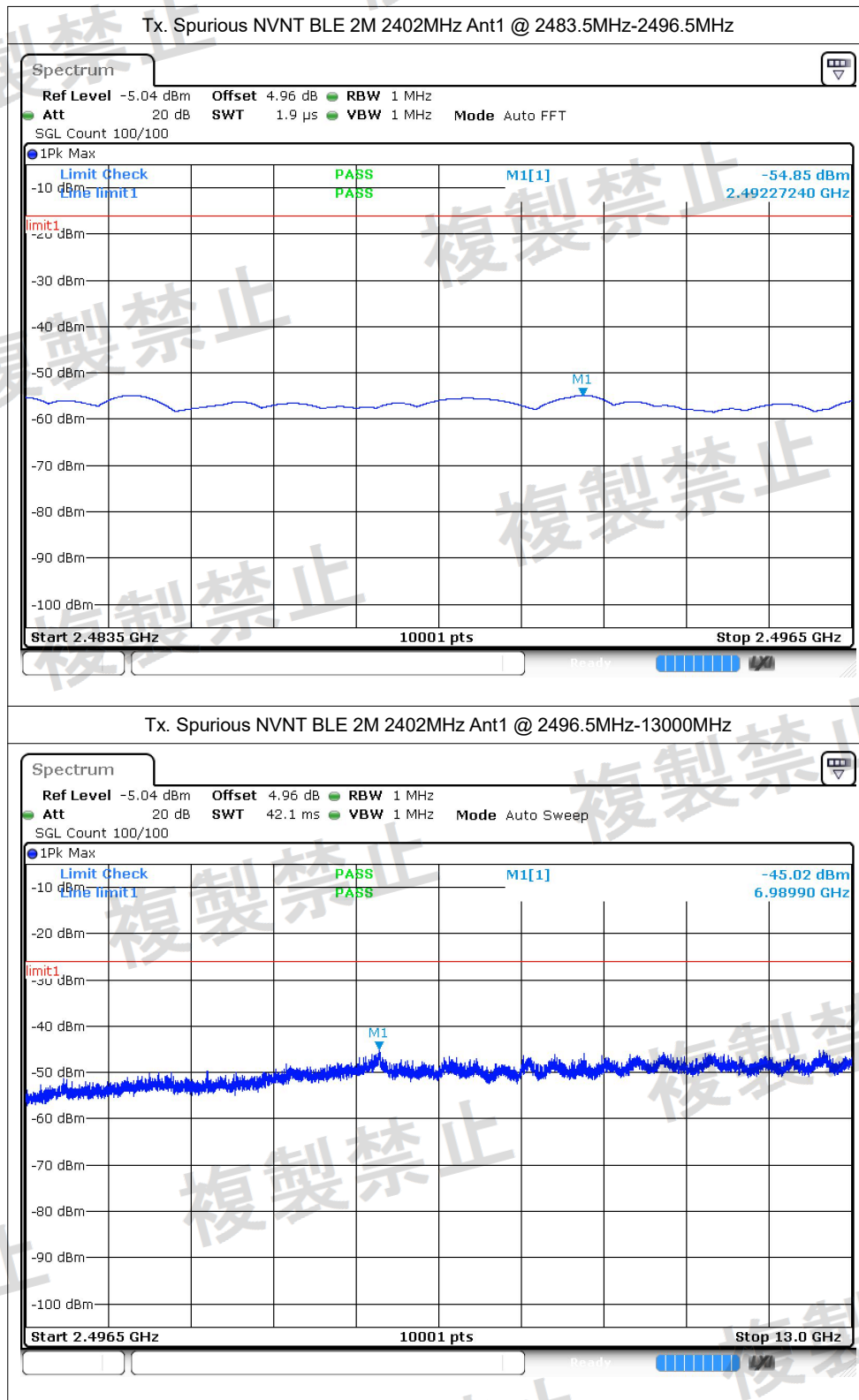


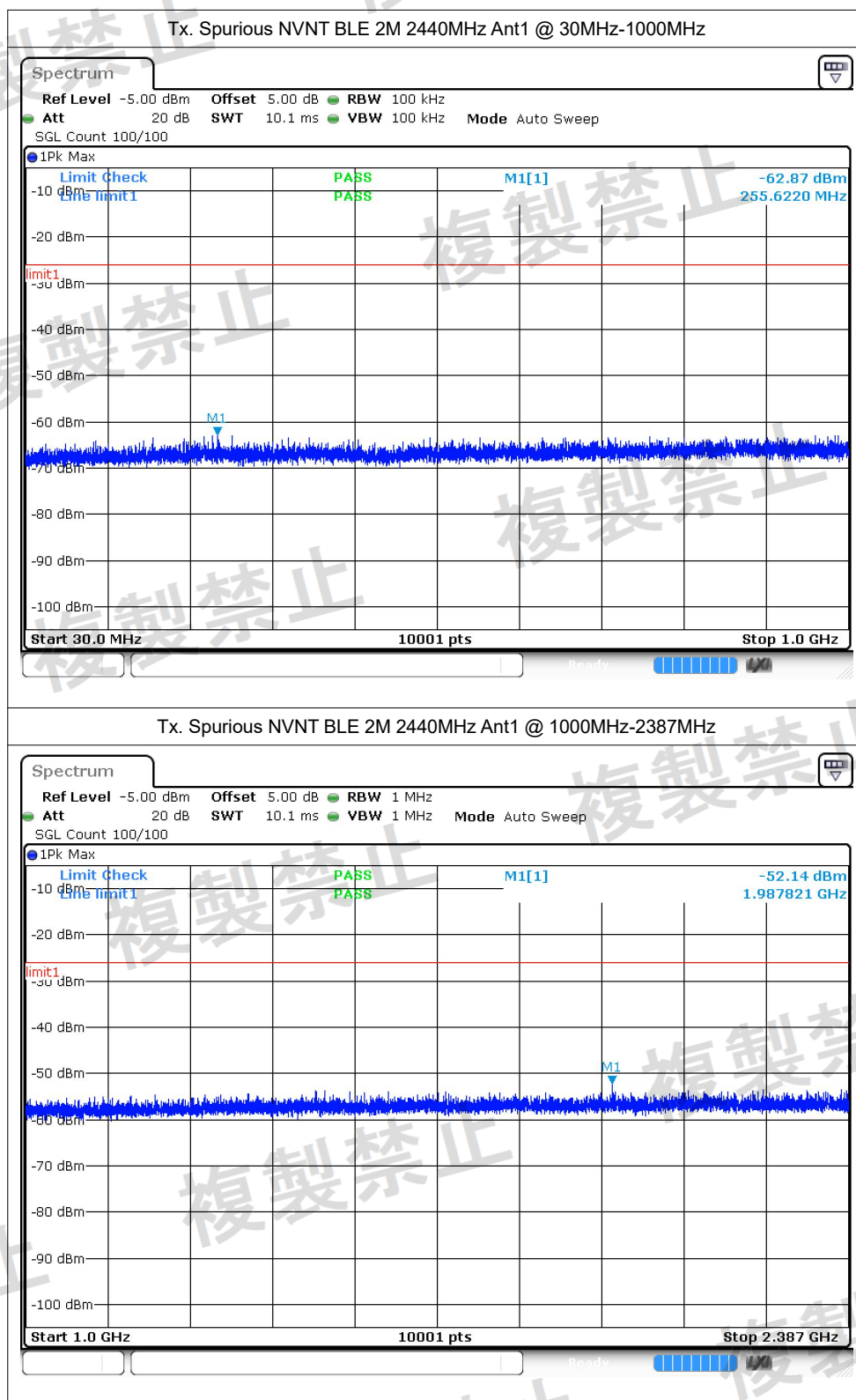


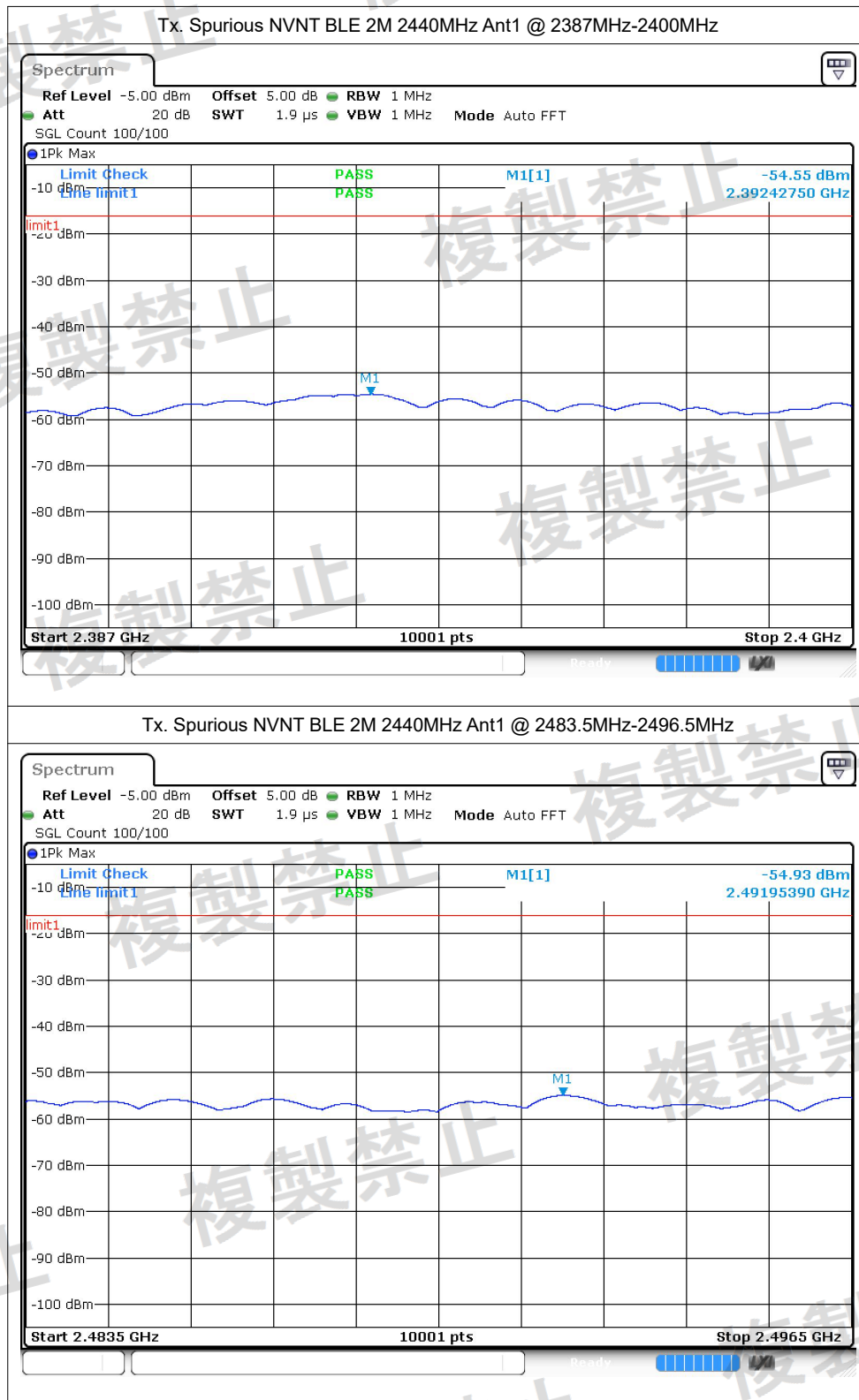


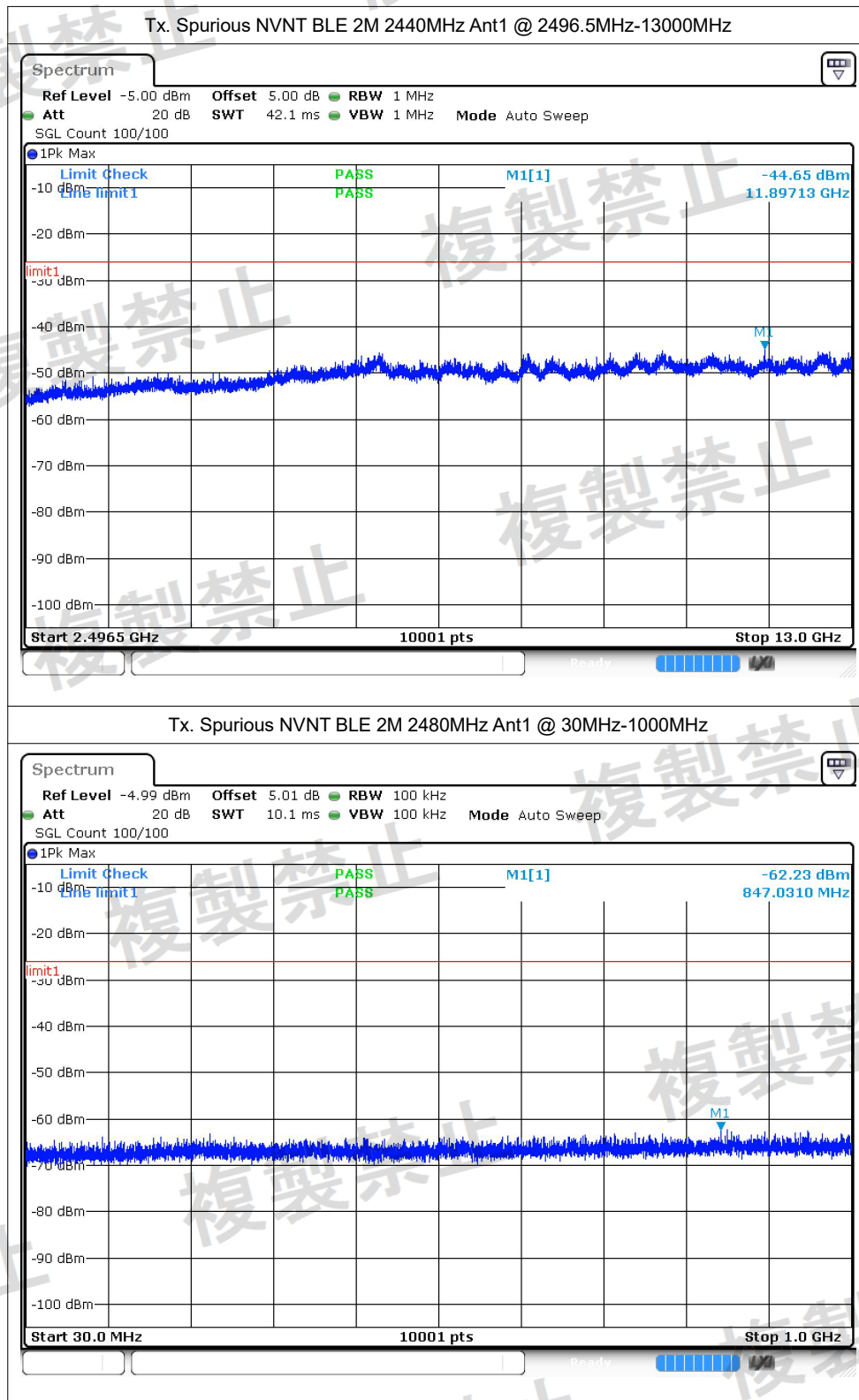


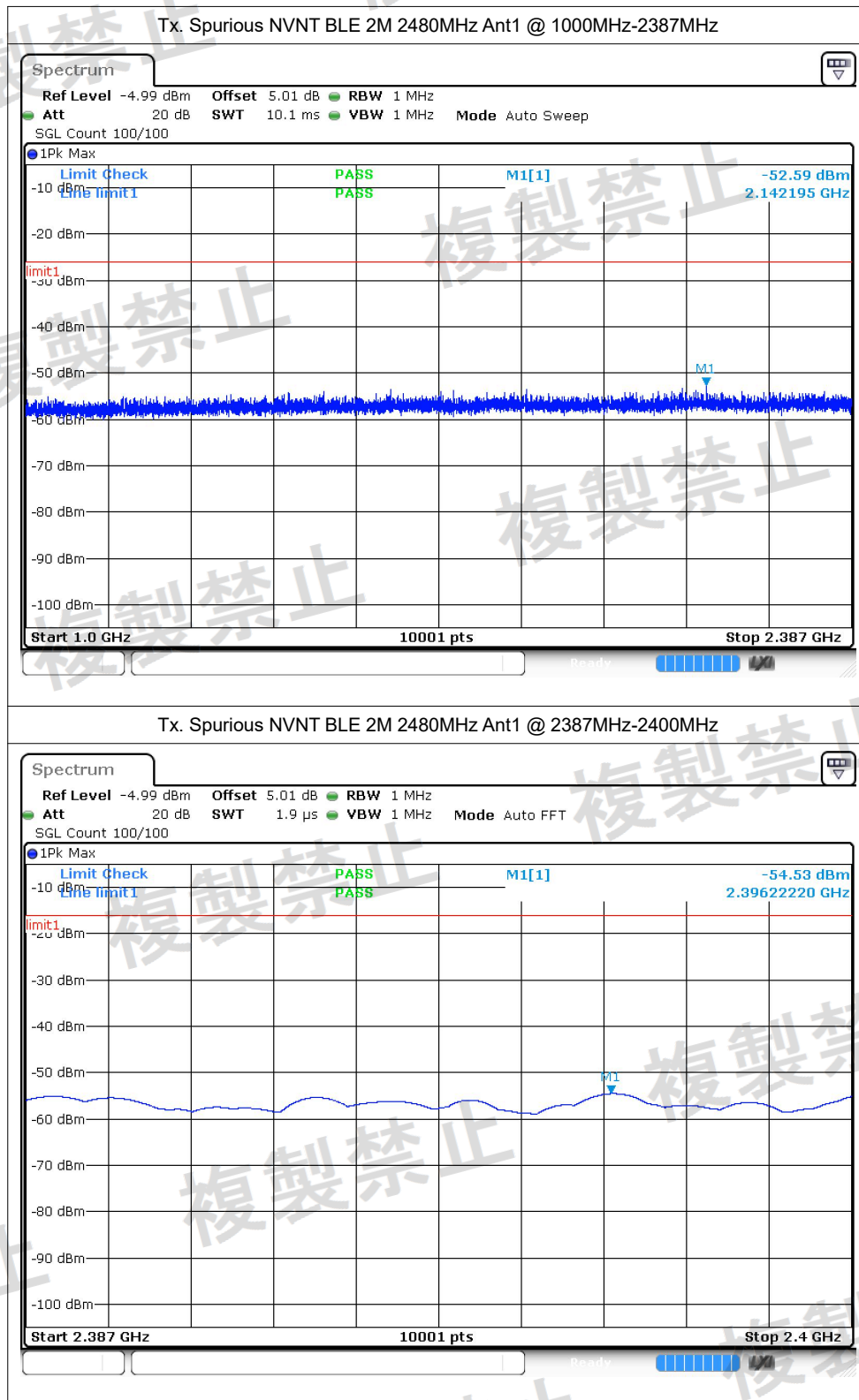


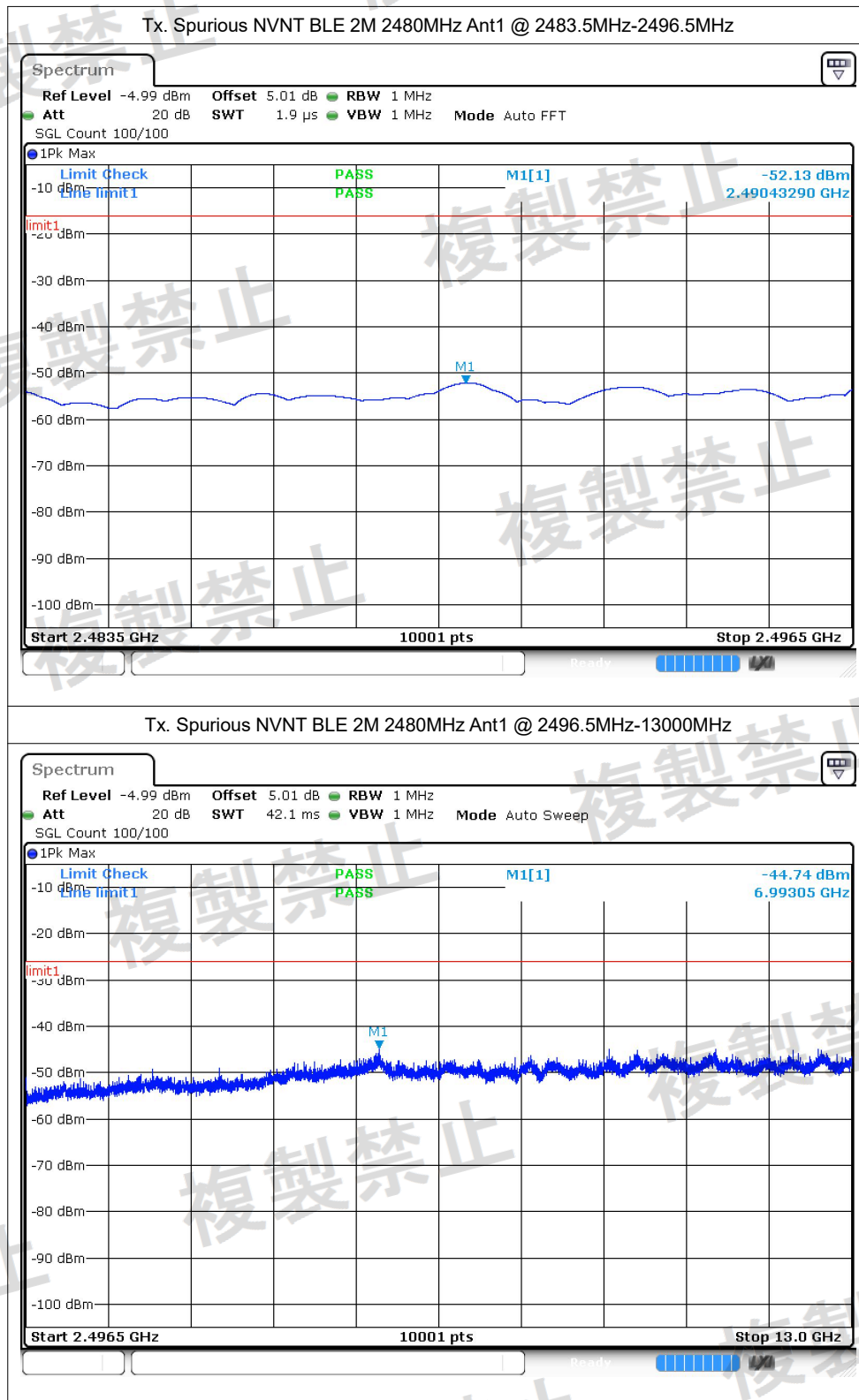












Rx Spurious Emission

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	288.04	-80.68	NA	0.0086	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	10249.30	-64.74	NA	0.3357	NA	20	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	288.04	-80.35	NA	0.0092	NA	4	Pass
NVNT	BLE 2M	2402	Ant1	1000-13000	10249.30	-64.49	NA	0.3556	NA	20	Pass

