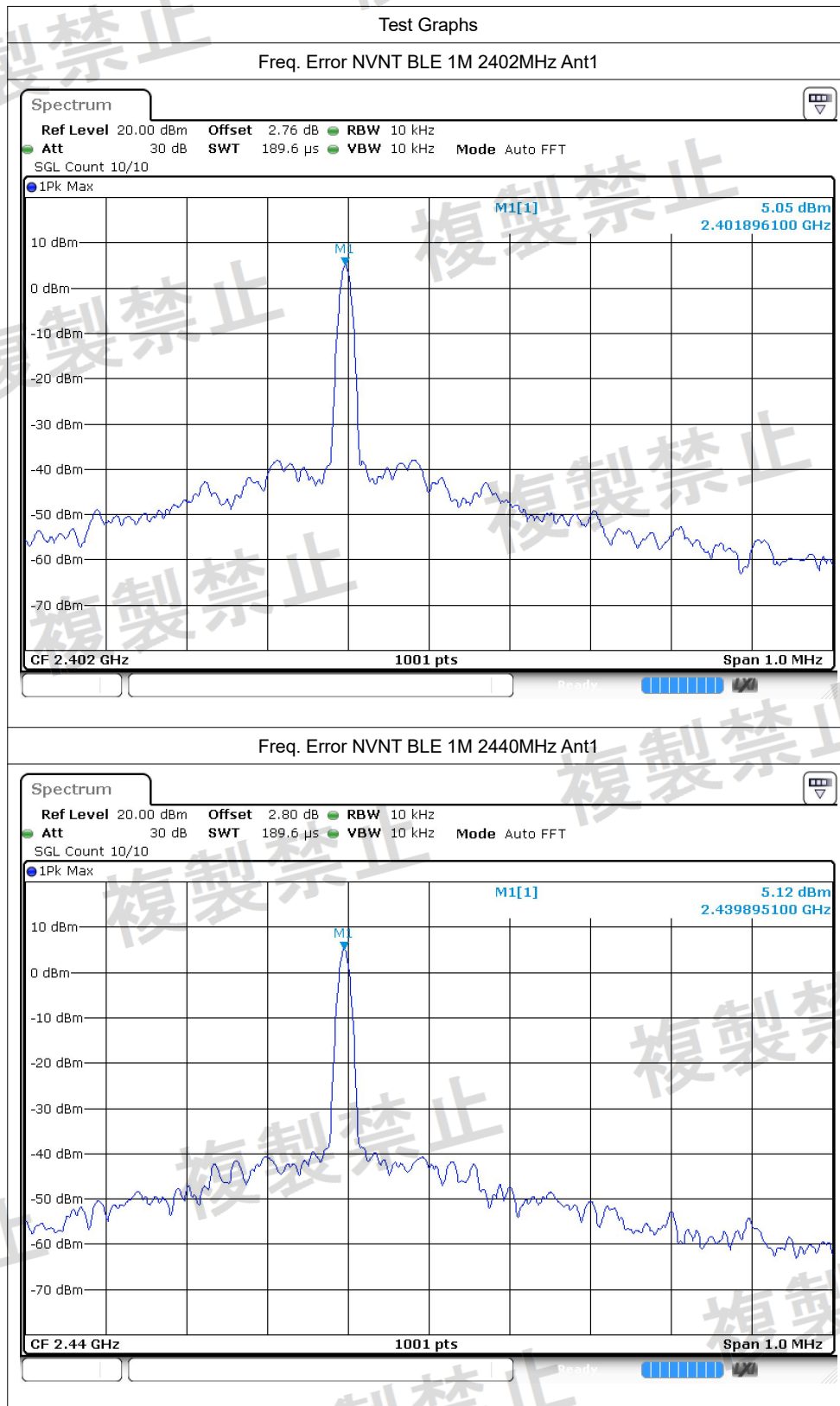
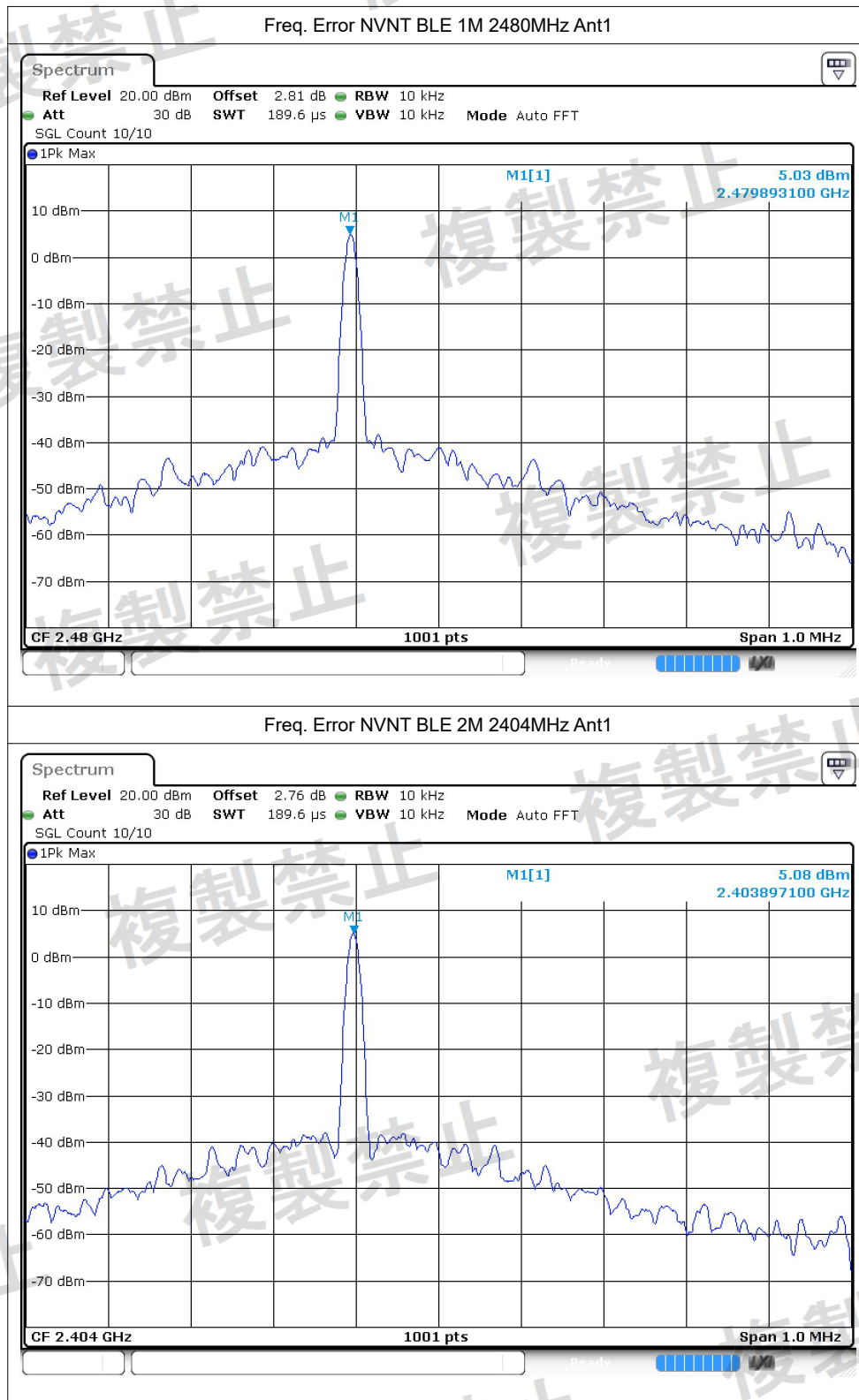


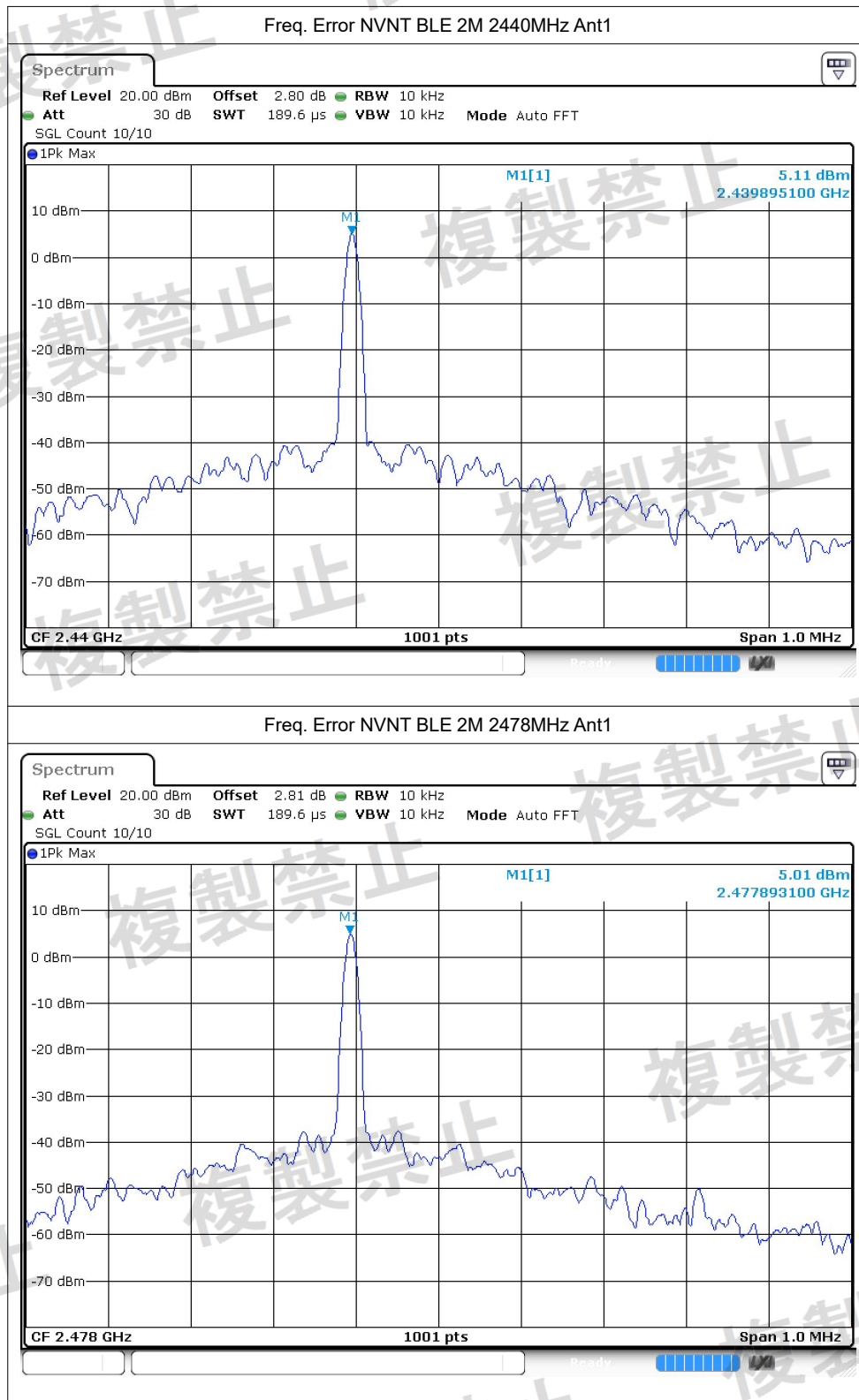
Appendix A(Low Voltage)

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.8961	-103900	-43.26	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.8951	-104900	-42.99	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.8931	-106900	-43.1	50	Pass
NVNT	BLE 2M	2404	Ant1	2403.8971	-102900	-42.8	50	Pass
NVNT	BLE 2M	2440	Ant1	2439.8951	-104900	-42.99	50	Pass
NVNT	BLE 2M	2478	Ant1	2477.8931	-106900	-43.14	50	Pass





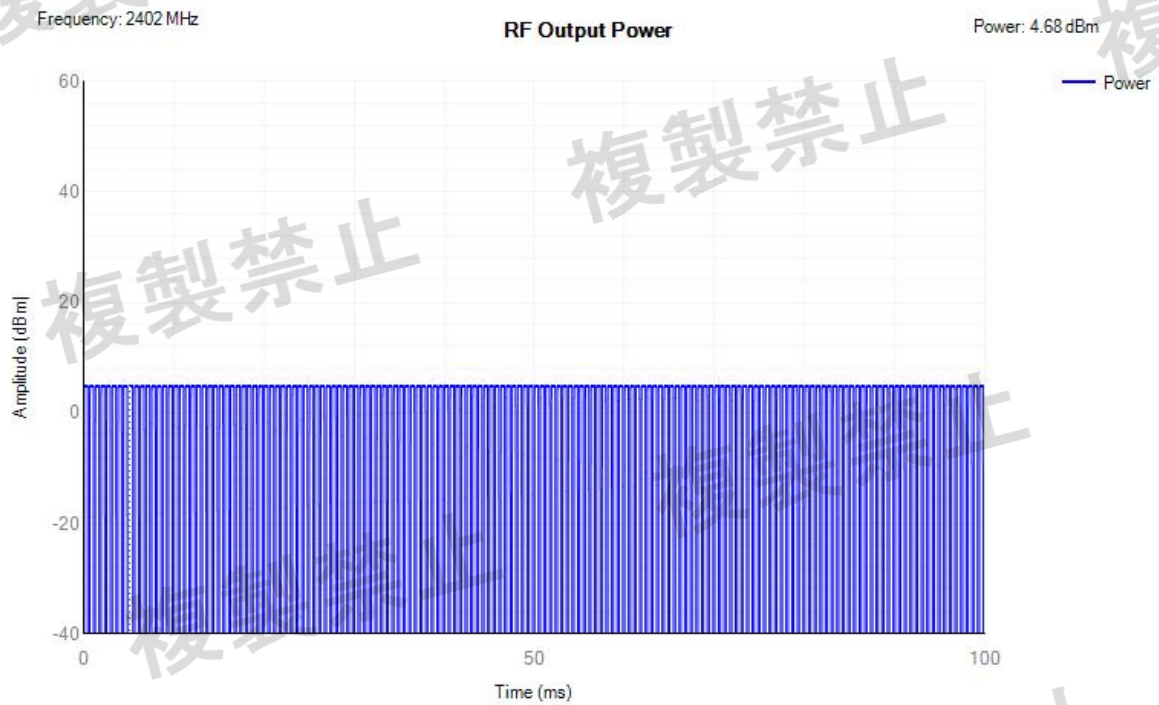


Antenna Power

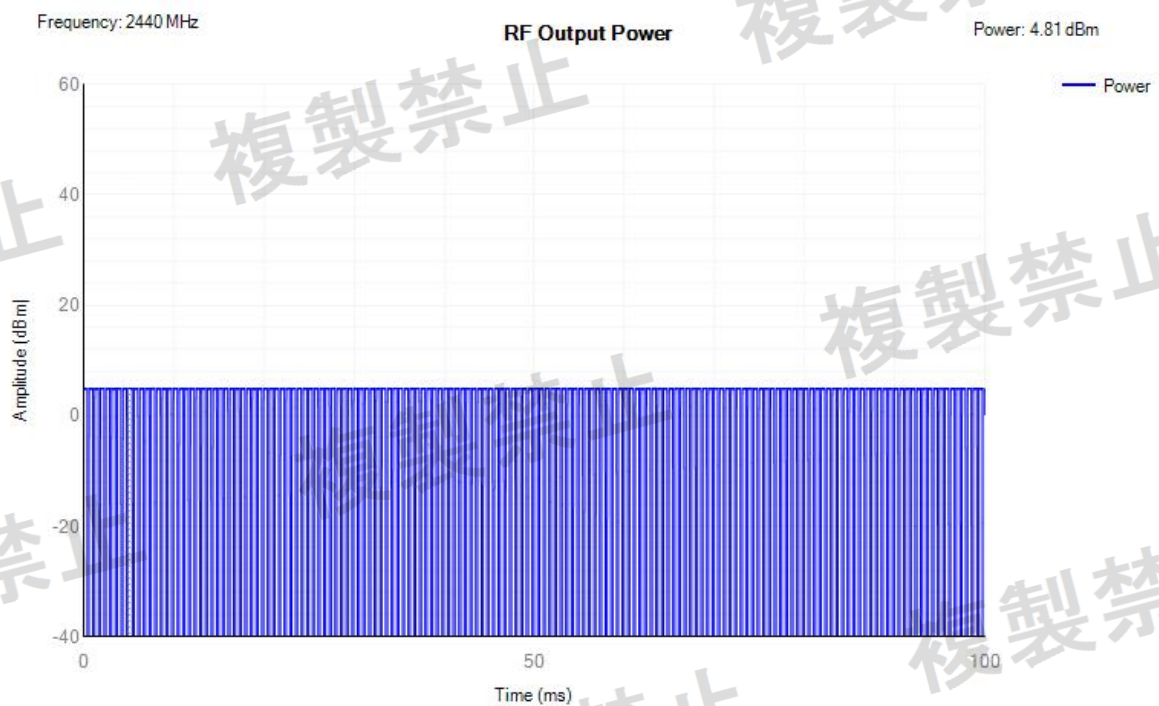
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	4.68	2.938	10	5	-41.24	20	Pass
NVNT	BLE 1M	2440	Ant1	4.81	3.027	10	5	-39.46	20	Pass
NVNT	BLE 1M	2480	Ant1	4.79	3.013	10	5	-39.74	20	Pass
NVNT	BLE 2M	2404	Ant1	4.55	2.851	10	5	-42.98	20	Pass
NVNT	BLE 2M	2440	Ant1	4.69	2.944	10	5	-41.12	20	Pass
NVNT	BLE 2M	2478	Ant1	4.71	2.958	10	5	-40.84	20	Pass

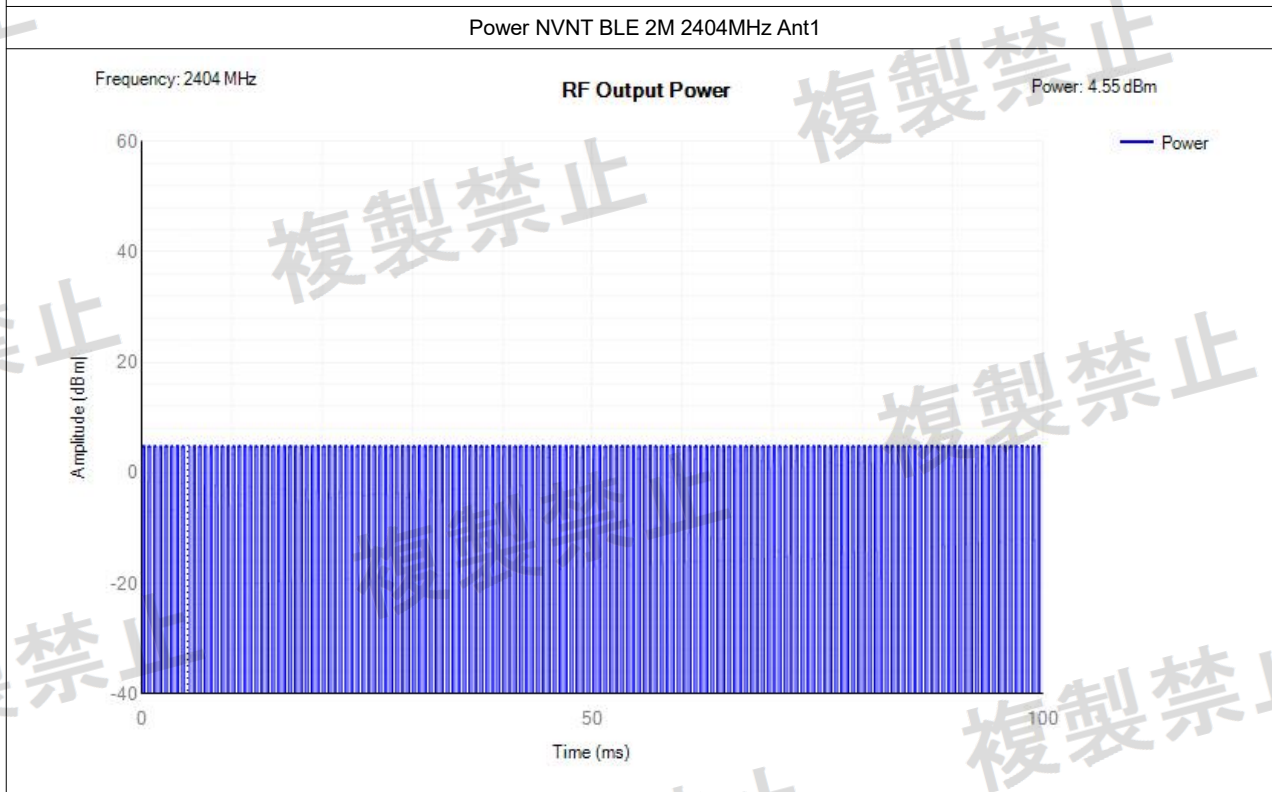
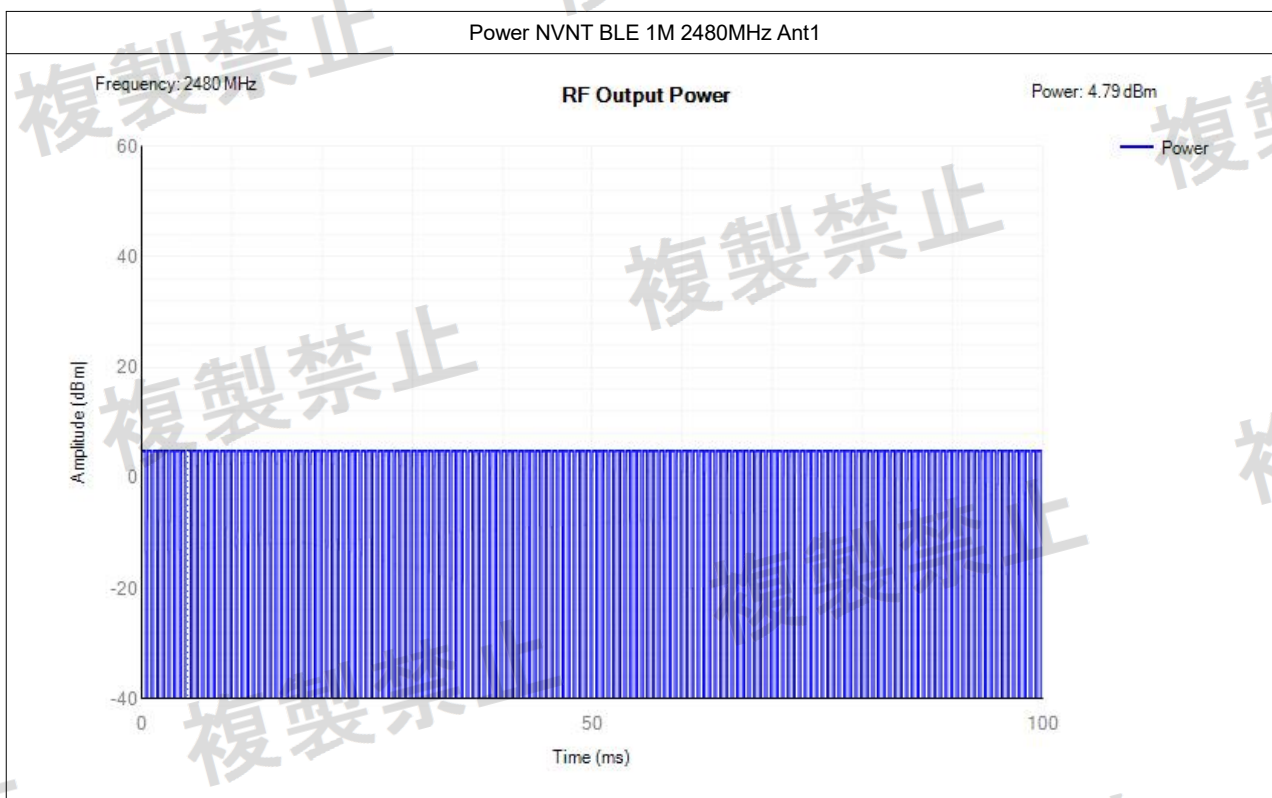
Test Graphs

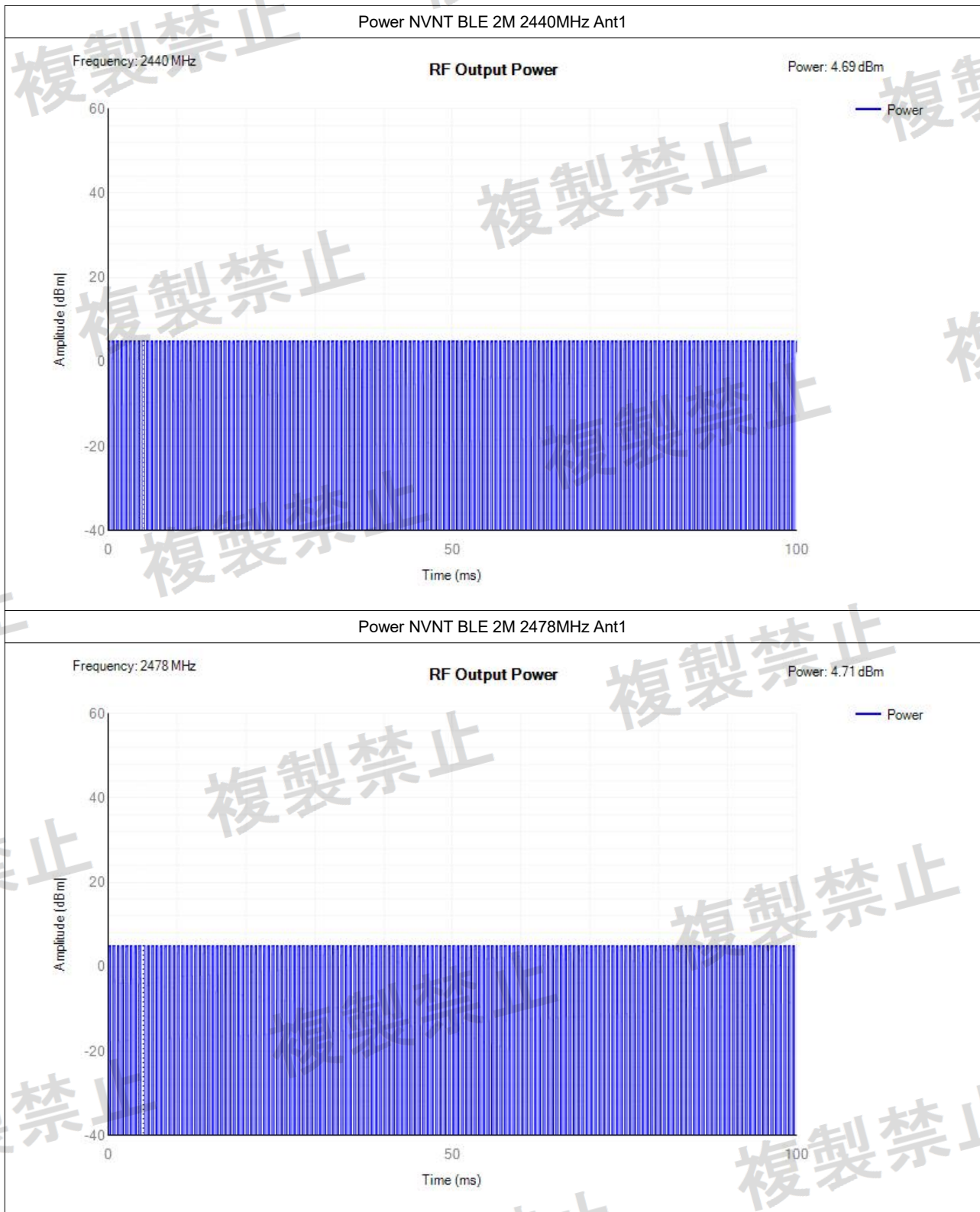
Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1





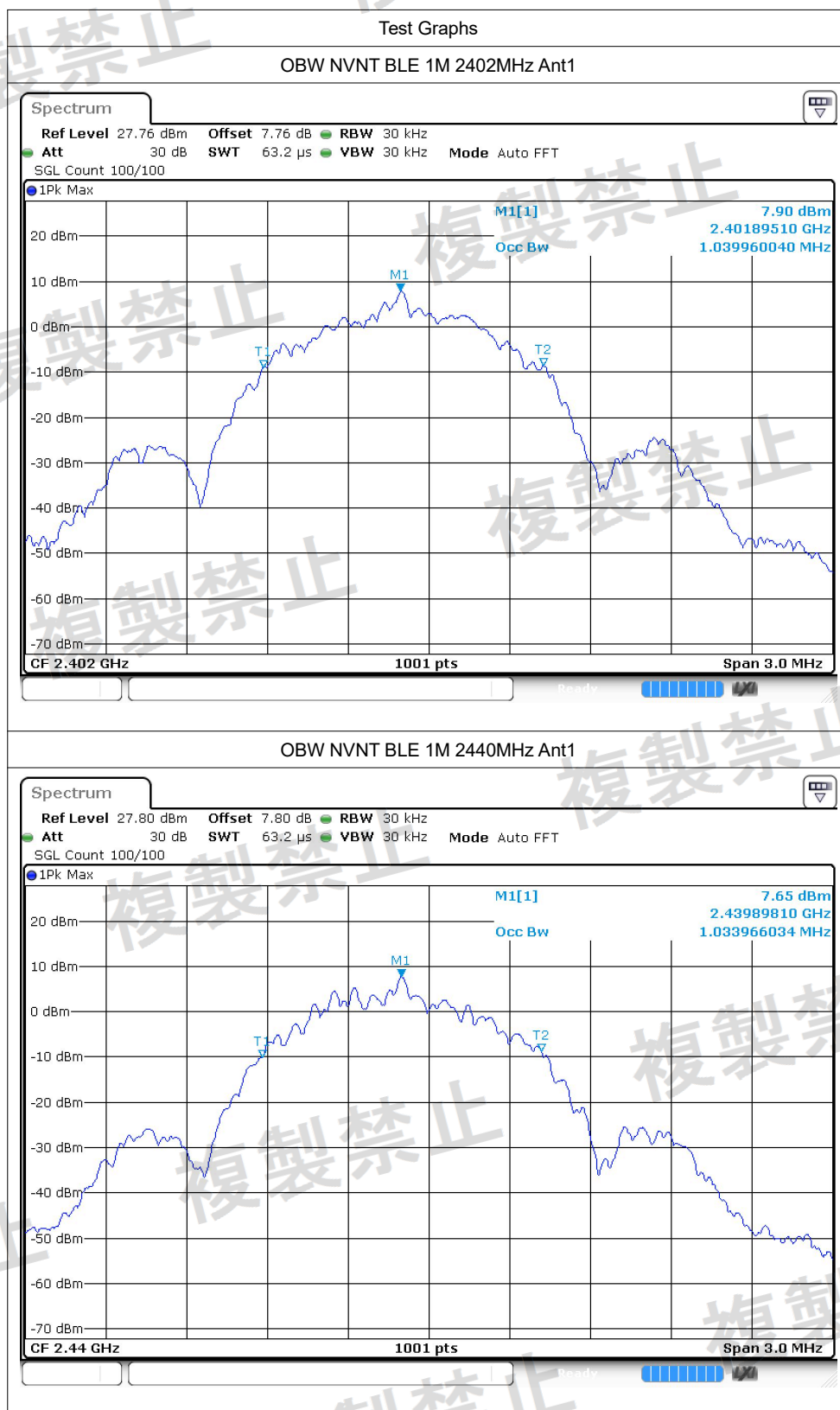


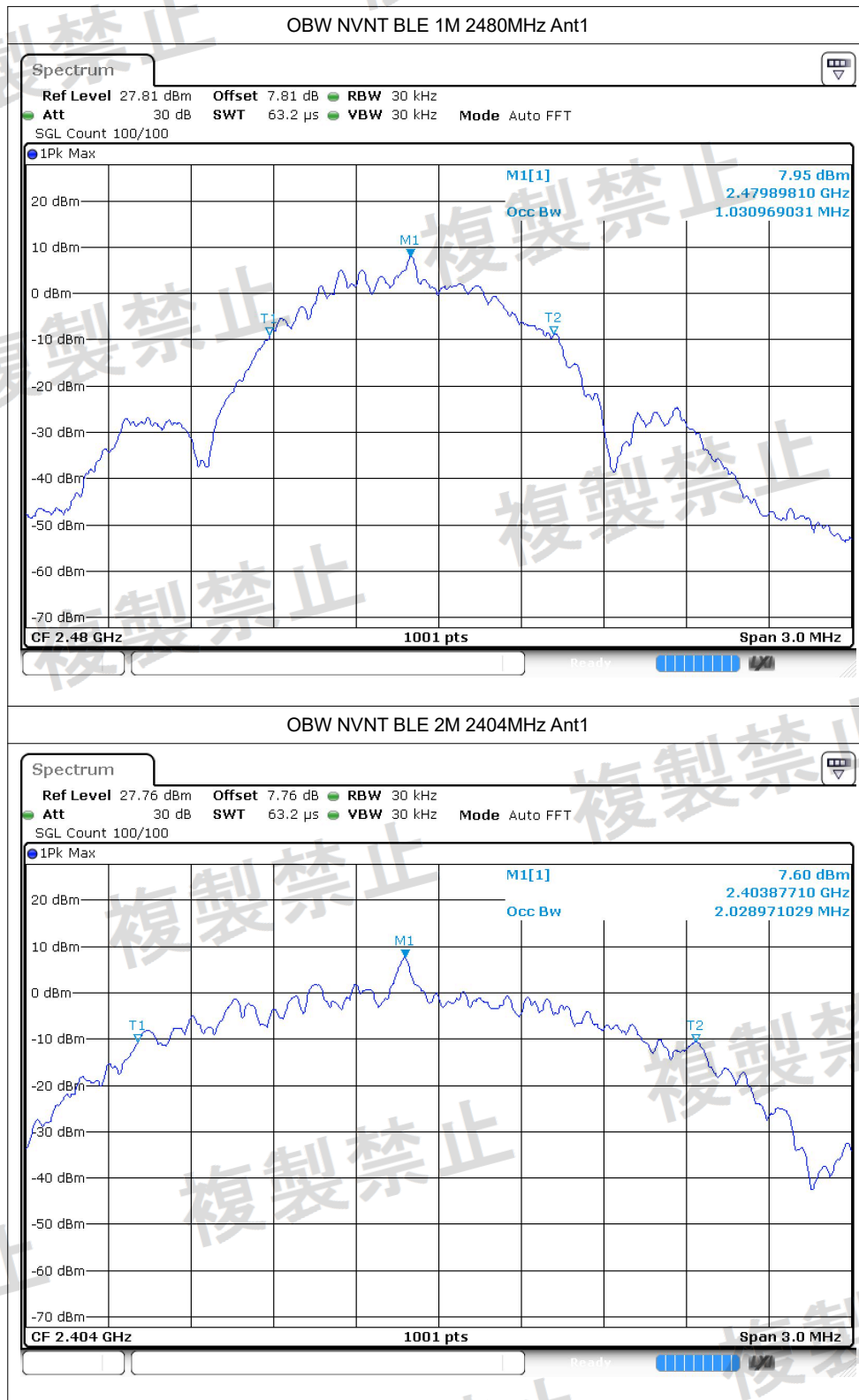
EIRP Power

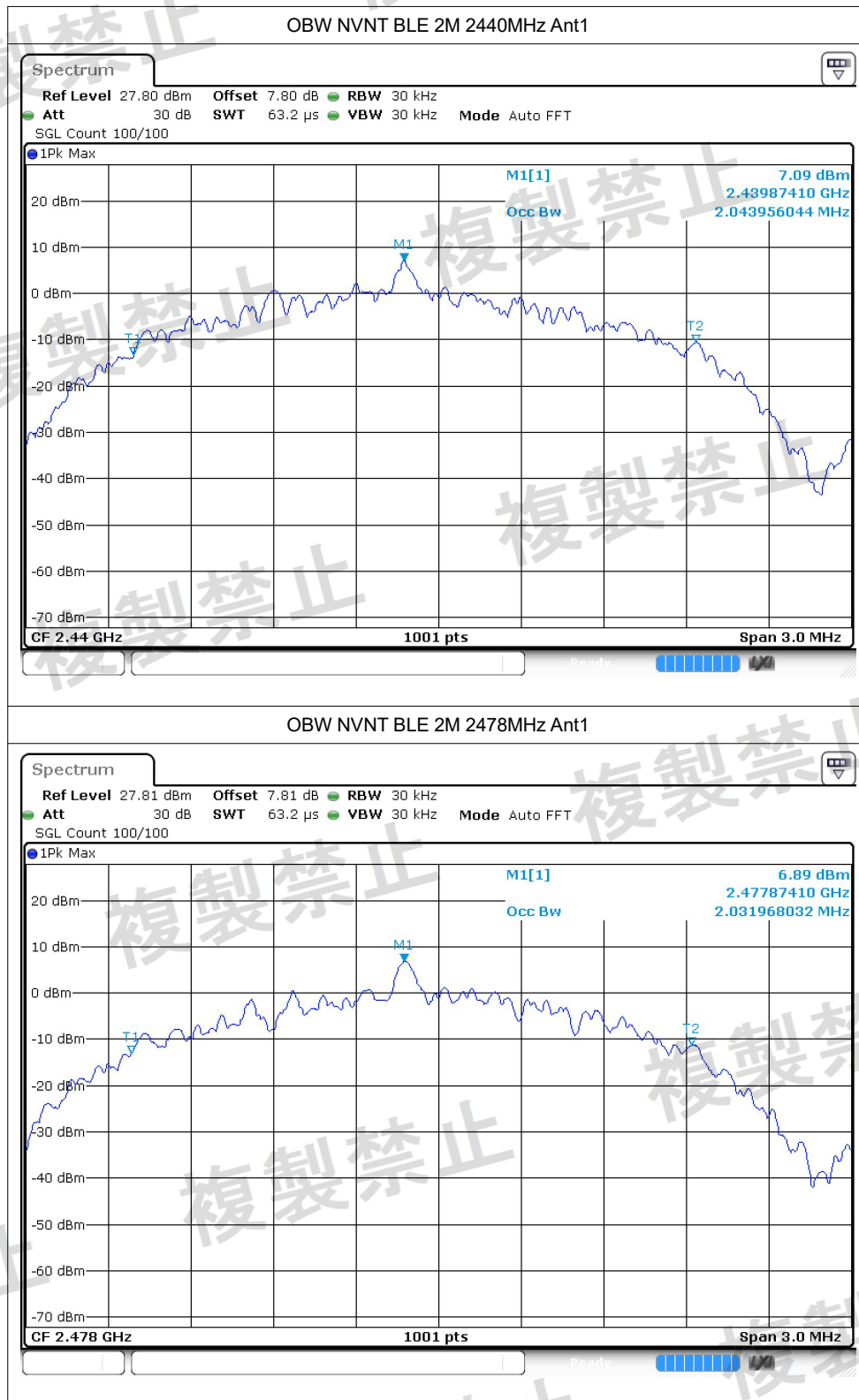
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.938	4.68	5	9.68	12.14	Pass
NVNT	BLE 1M	2440	Ant1	3.027	4.81	5	9.81	12.14	Pass
NVNT	BLE 1M	2480	Ant1	3.013	4.79	5	9.79	12.14	Pass
NVNT	BLE 2M	2404	Ant1	2.851	4.55	5	9.55	12.14	Pass
NVNT	BLE 2M	2440	Ant1	2.944	4.69	5	9.69	12.14	Pass
NVNT	BLE 2M	2478	Ant1	2.958	4.71	5	9.71	12.14	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.04
NVNT	BLE 1M	2440	Ant1	1.034
NVNT	BLE 1M	2480	Ant1	1.031
NVNT	BLE 2M	2404	Ant1	2.029
NVNT	BLE 2M	2440	Ant1	2.044
NVNT	BLE 2M	2478	Ant1	2.032

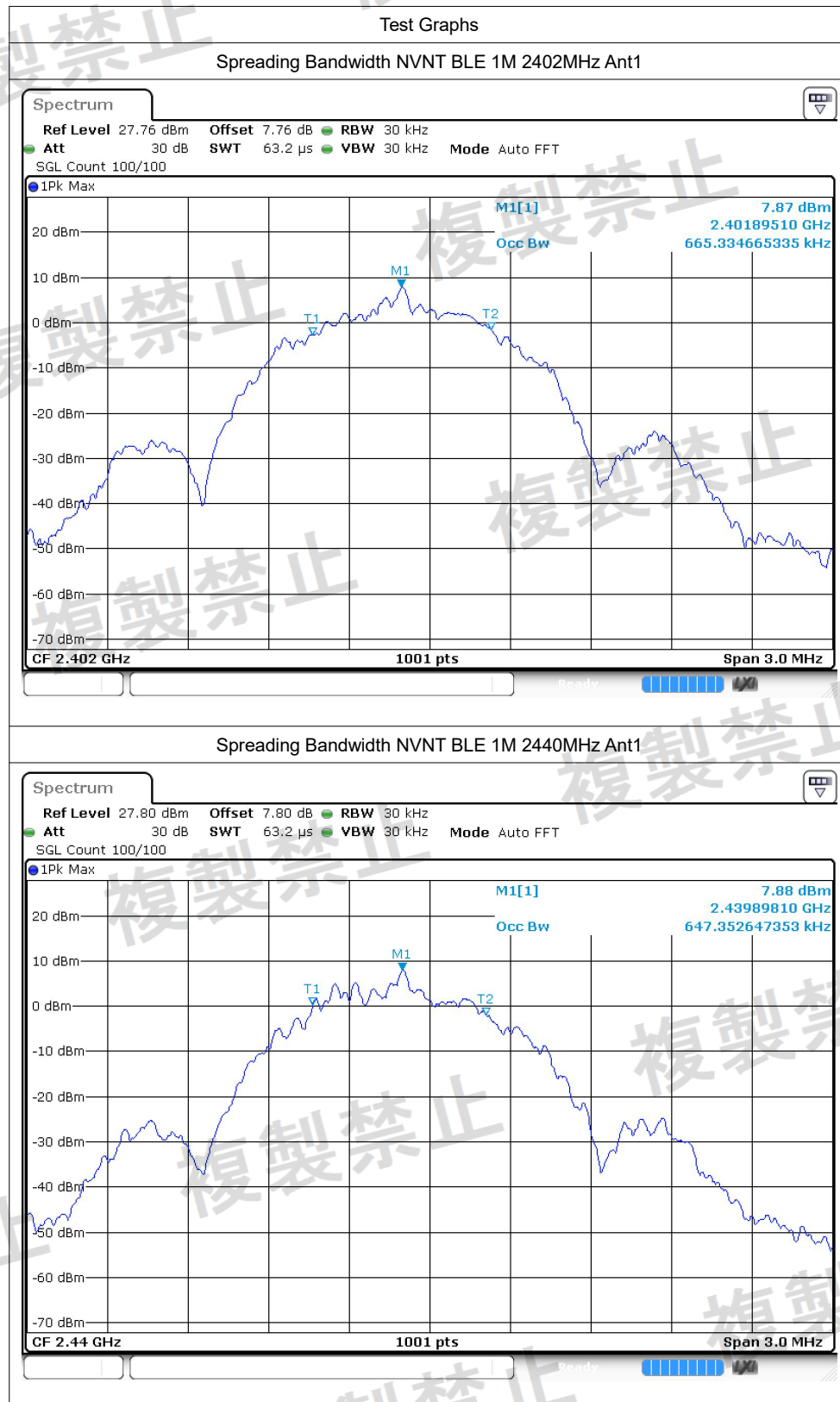


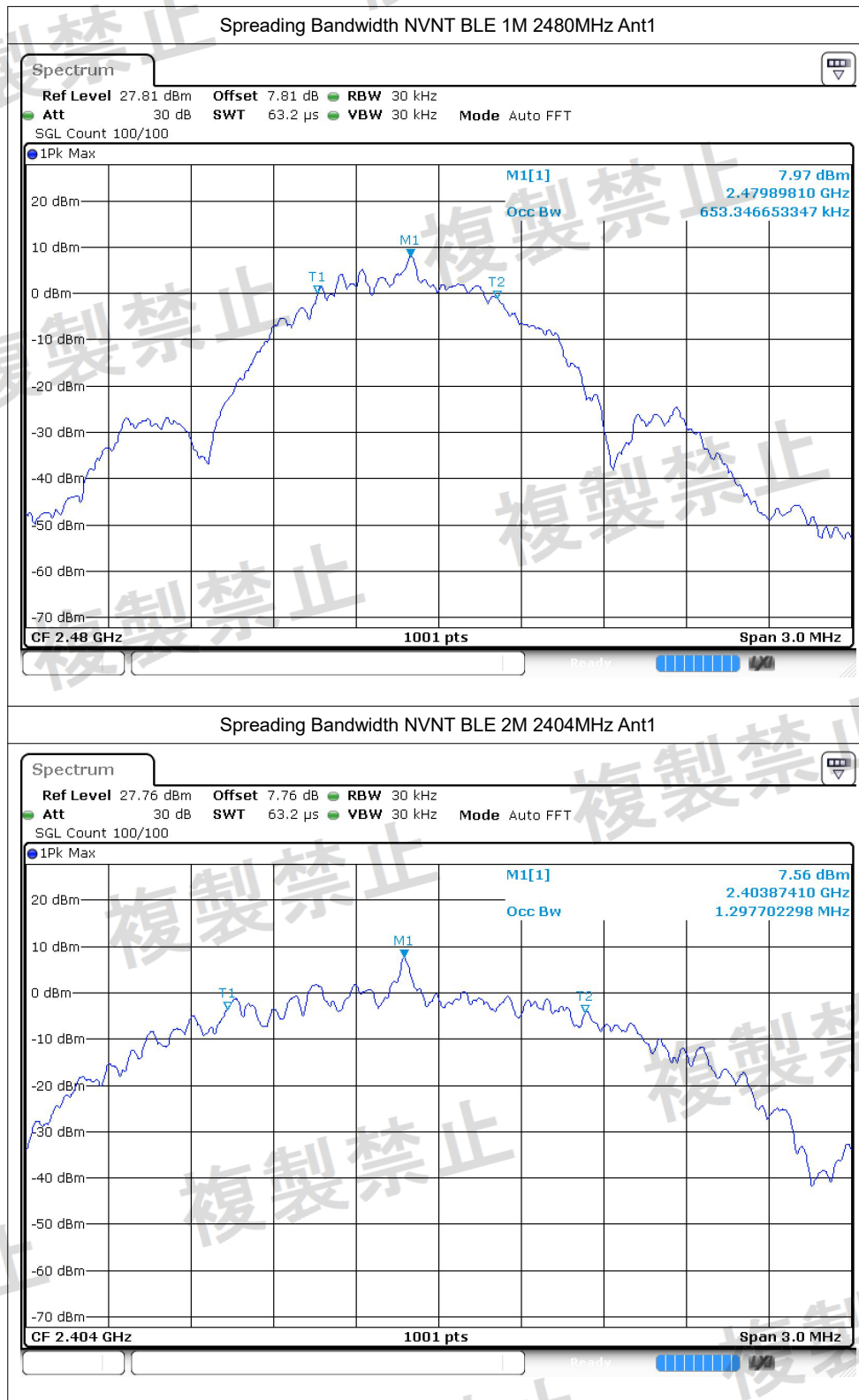


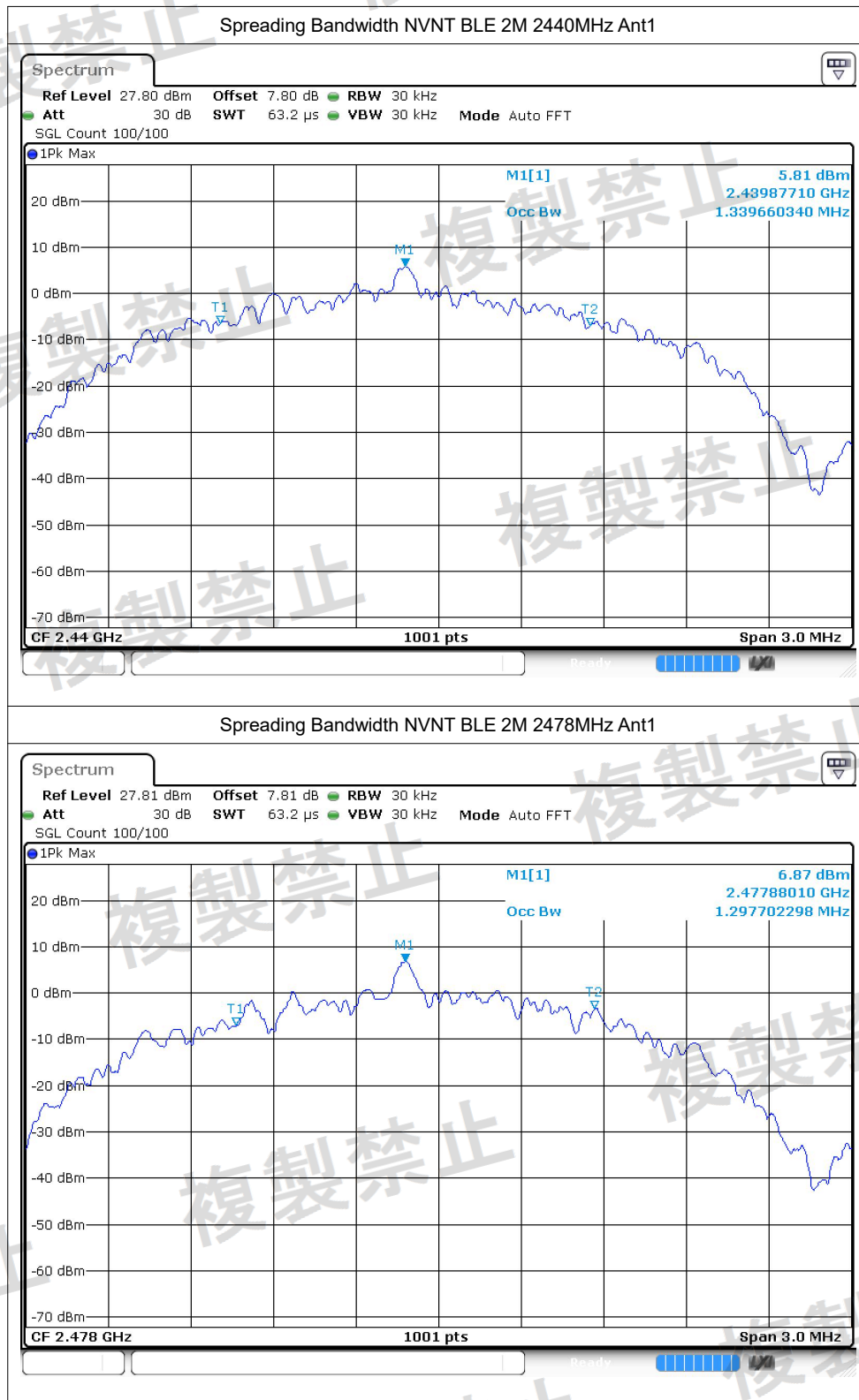


Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.665	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.647	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.653	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.298	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.34	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.298	0.5	Pass







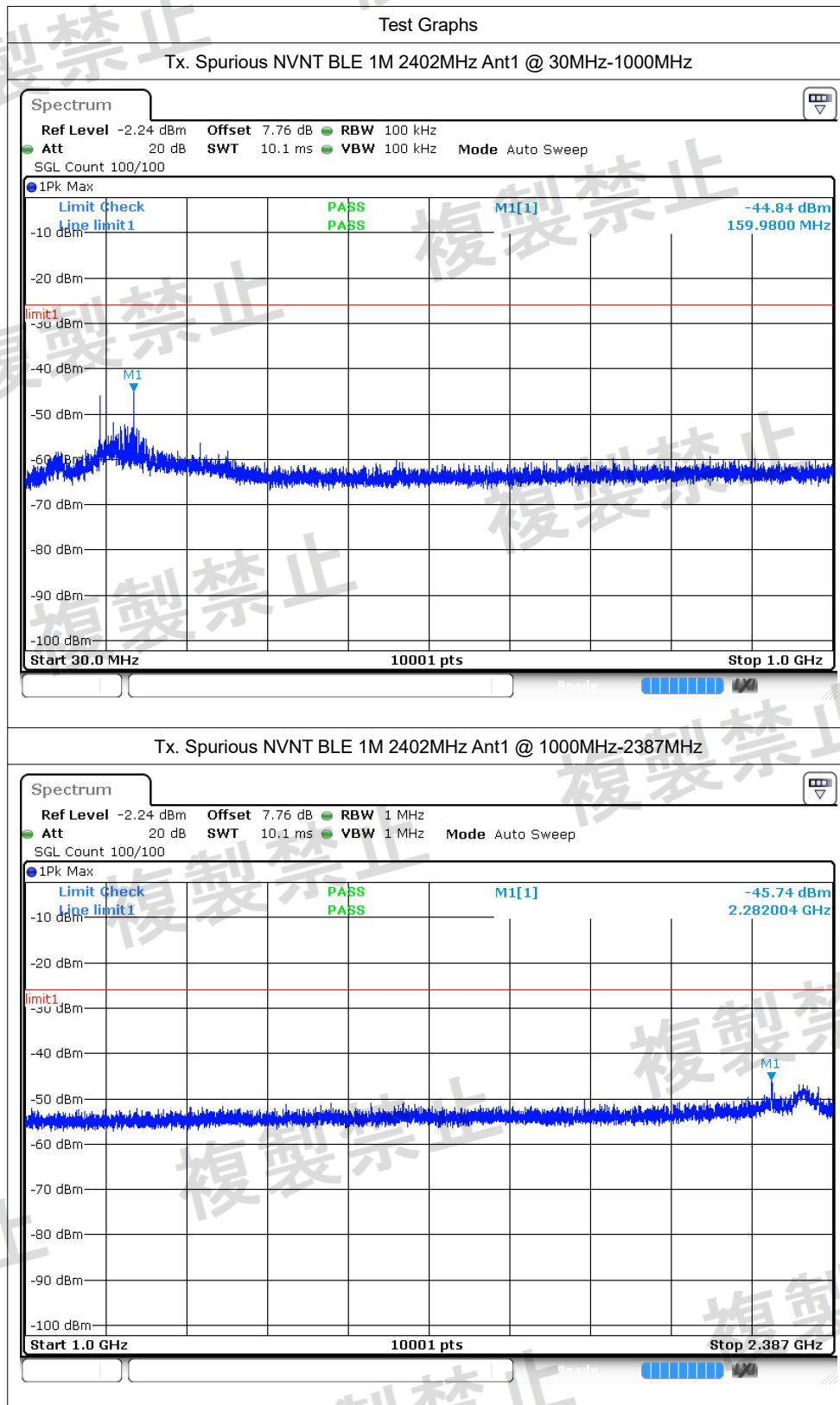
Tx Spurious Emission

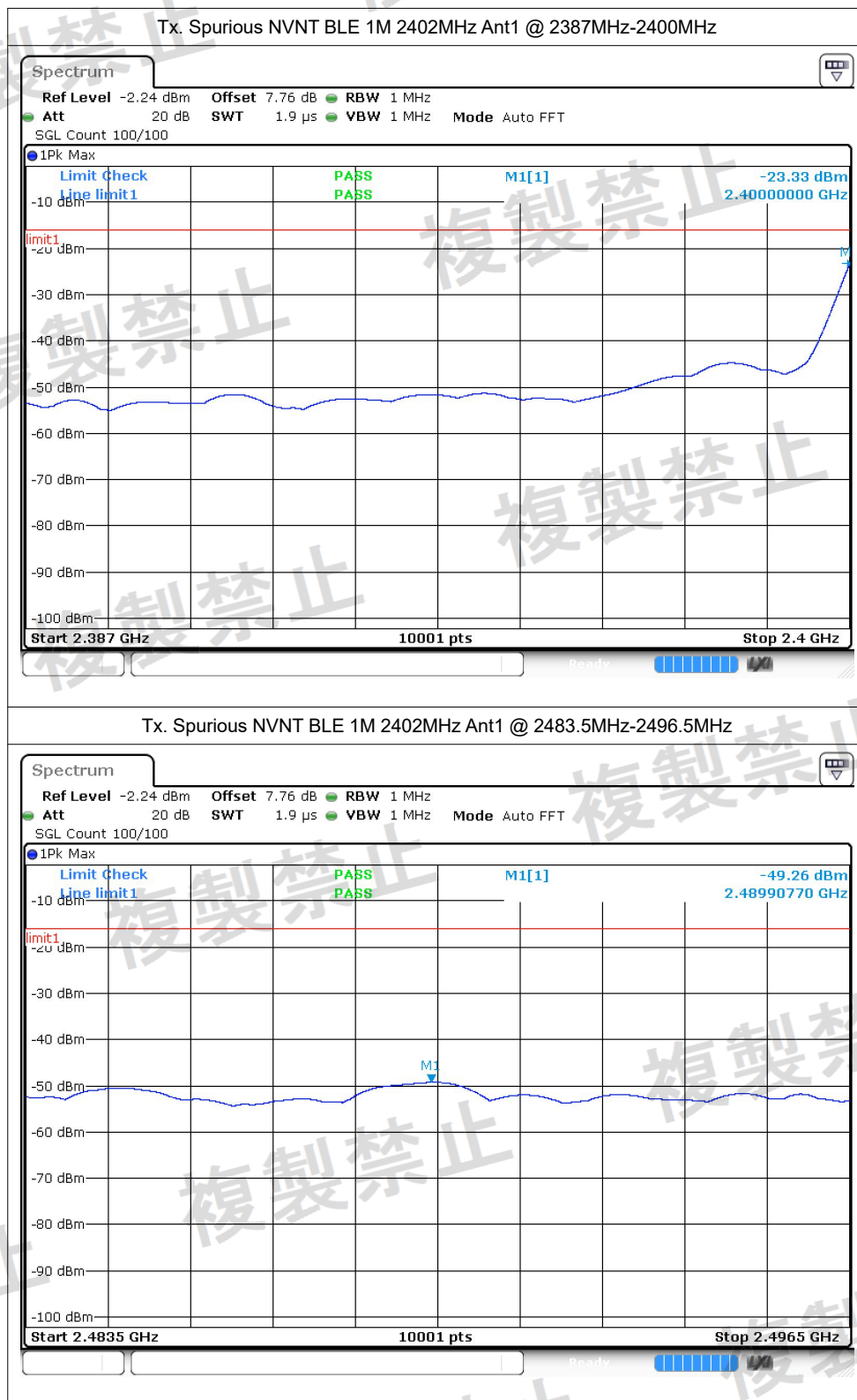
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	159.98	-34.84	NA	0.3281	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2282.00	-45.74	NA	0.0267	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2400.00	-23.33	NA	4.6452	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2489.91	-49.25	NA	0.0119	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	12247.95	-42.41	NA	0.0574	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	159.98	-35.13	NA	0.3069	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2320.29	-44.87	NA	0.0326	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2399.71	-49.33	NA	0.0117	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2485.76	-49.13	NA	0.0122	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	10584.20	-41.11	NA	0.0774	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	159.98	-35.53	NA	0.2799	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2359.81	-43.97	NA	0.0401	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2399.69	-49.47	NA	0.0113	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.50	-47.09	NA	0.0195	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	4959.57	-38.46	NA	0.1426	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	30-1000	159.98	-34.14	NA	0.3855	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	1000-2387	2284.78	-45.74	NA	0.0267	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	2387-2400	2400.00	-48.43	NA	0.0144	NA	25	25	Pass
NVNT	BLE 2M	2404	Ant1	2483.5-2496.5	2494.93	-50.37	NA	0.0092	NA	25	25	Pass

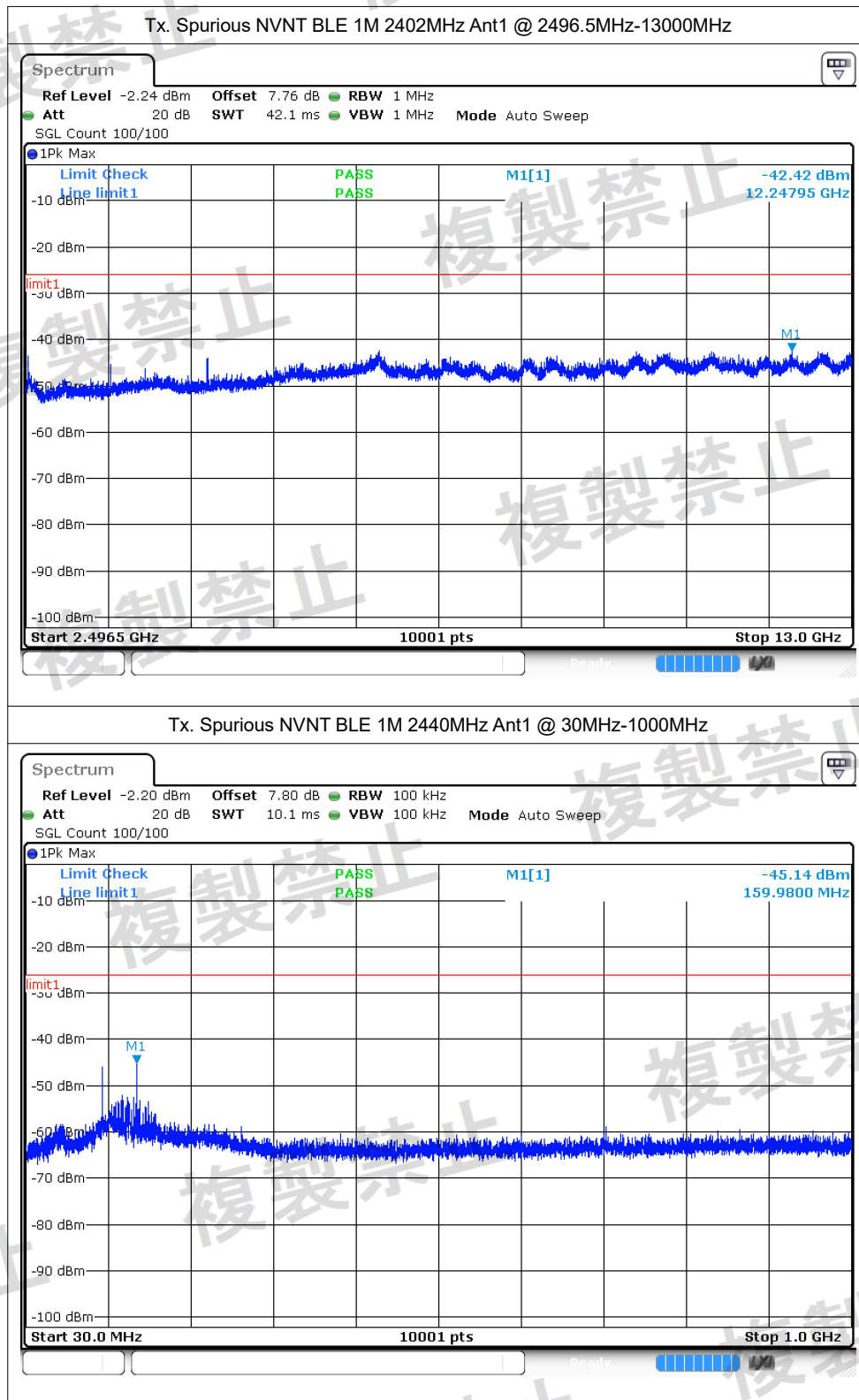
NVNT	BLE 2M	2404	Ant1	2496.5-13000	11933.89	-41.61	NA	0.069	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	159.98	-33.49	NA	0.4477	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2319.87	-45.21	NA	0.0301	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2399.69	-49.64	NA	0.0109	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496.5	2489.82	-49.77	NA	0.0105	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-13000	12647.08	-41.40	NA	0.0724	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	30-1000	159.98	-34.76	NA	0.3342	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	1000-2387	2357.87	-44.61	NA	0.0346	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	2387-2400	2398.14	-48.69	NA	0.0135	NA	25	25	Pass
NVNT	BLE 2M	2478	Ant1	2483.5-2496.5	2491.80	-49.79	NA	0.0105	NA	25	25	Pass
NVNT	BLE 2M	2478	Ant1	2496.5-13000	4955.37	-39.07	NA	0.1239	NA	2.5	2.5	Pass

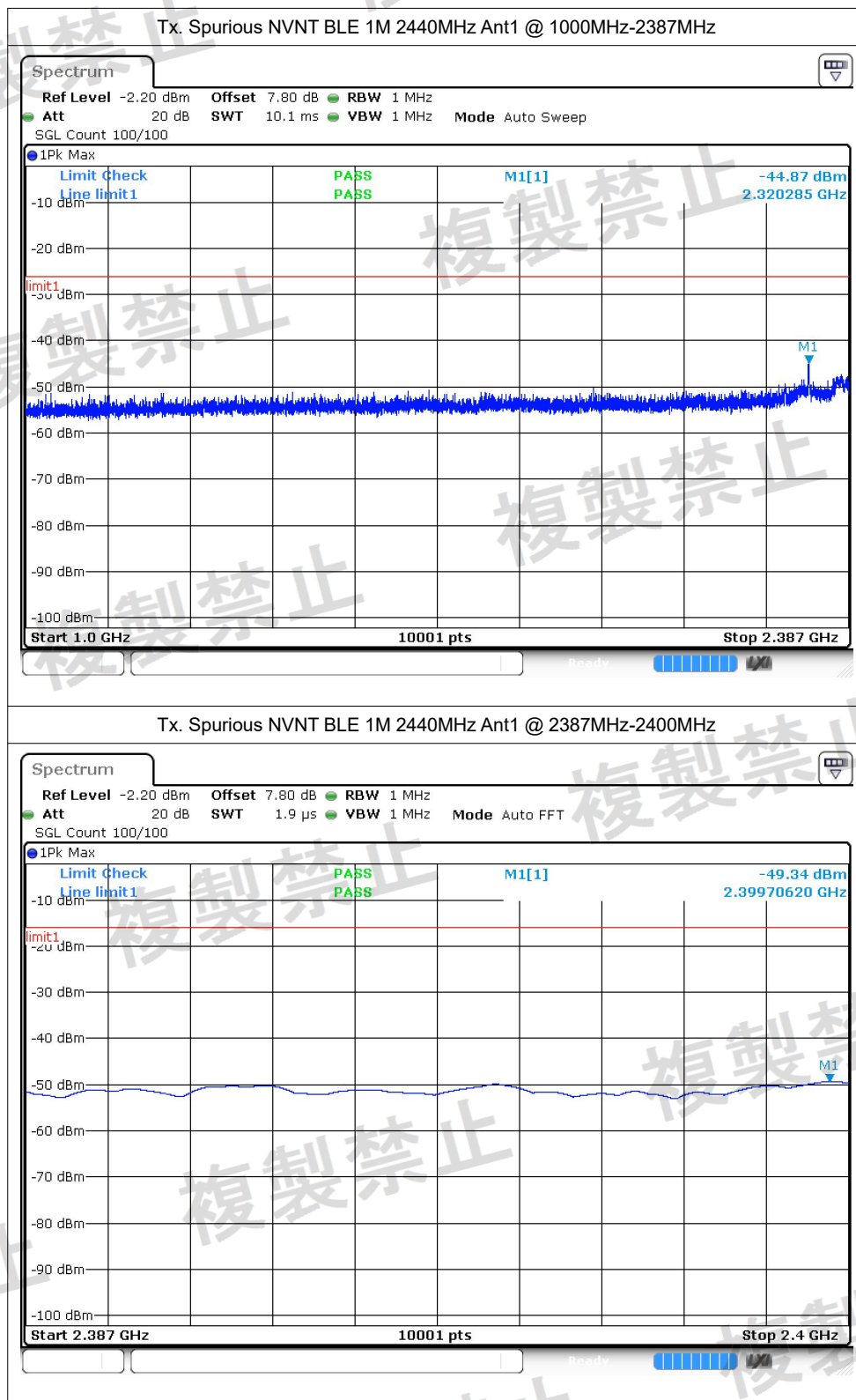
Note: The limit for the frequency range of 30MHz - 1GHz is 2.5uW/1MHz, but test result is dBm/100kHz.

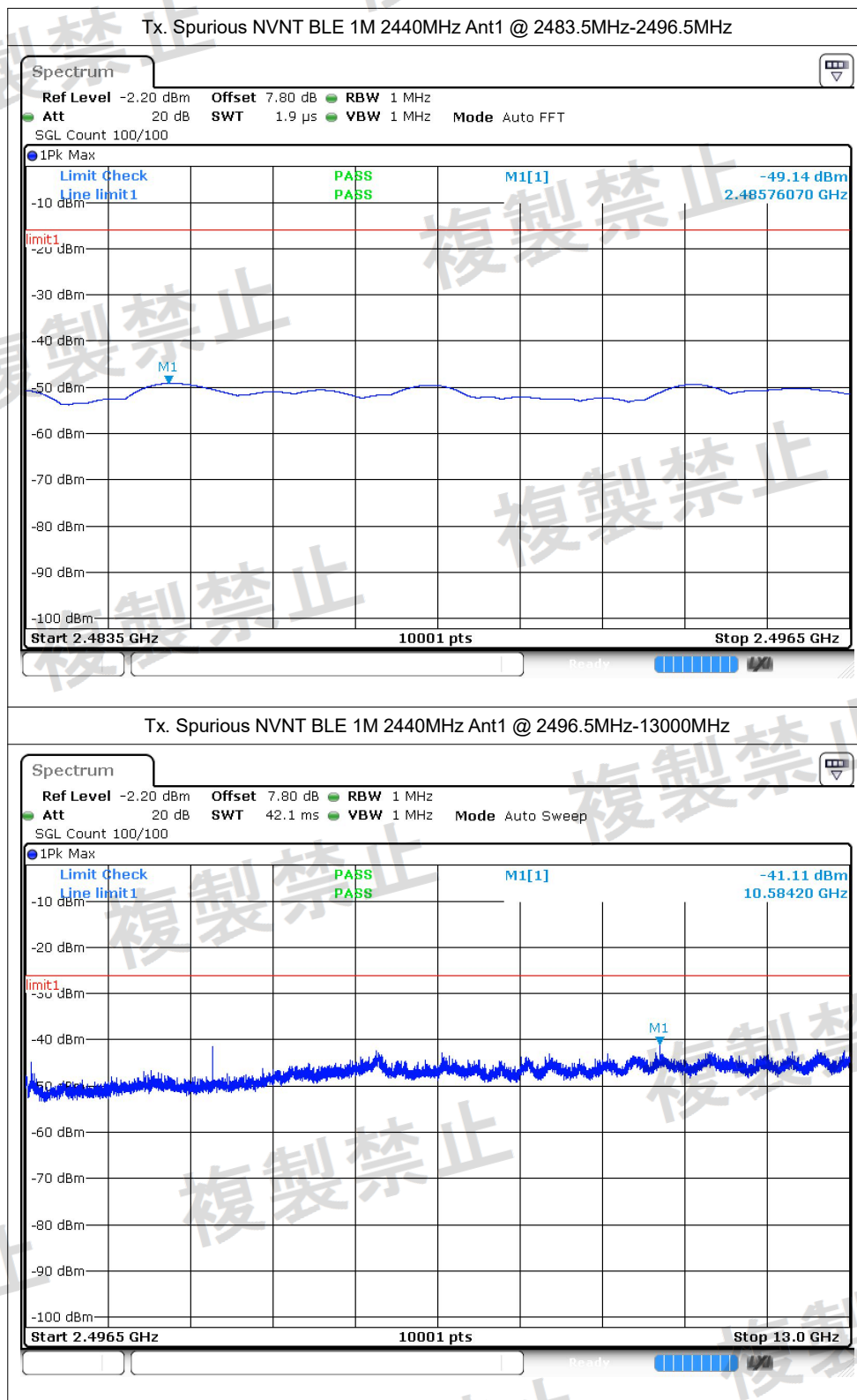
Value(dBm/1MHz) = Measurement(dBm/100kHz) + 10*log(1MHz/100KHz)

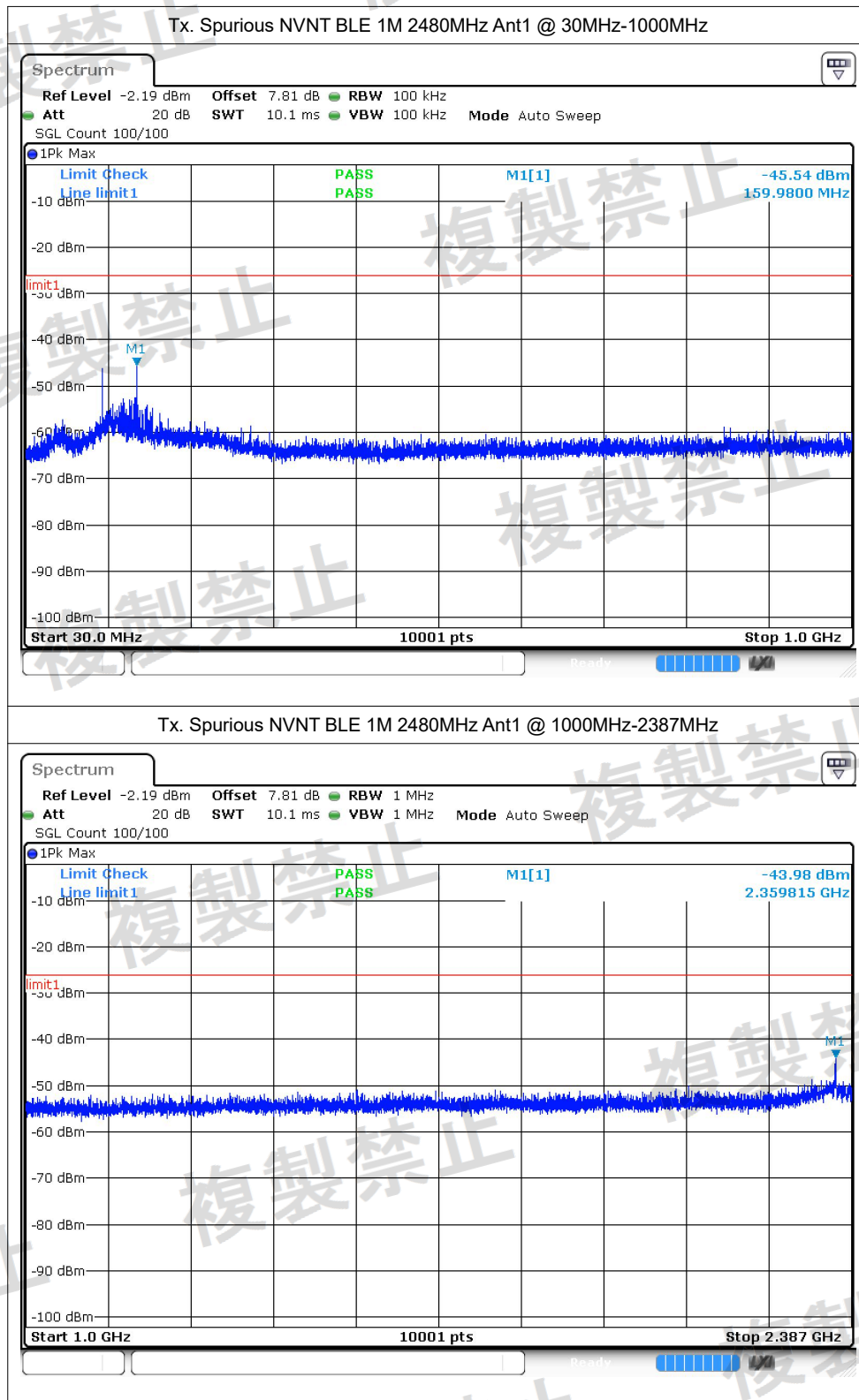


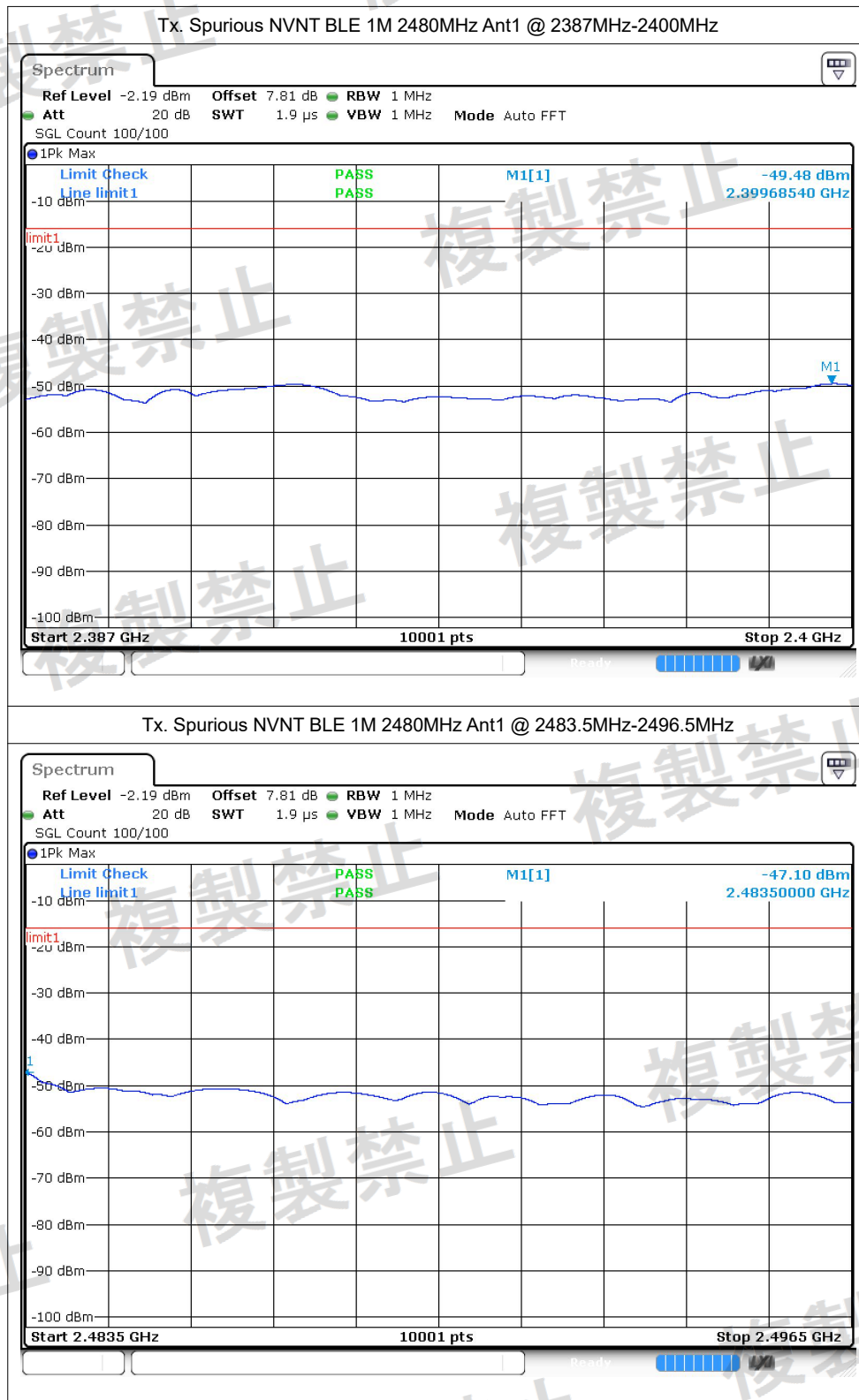


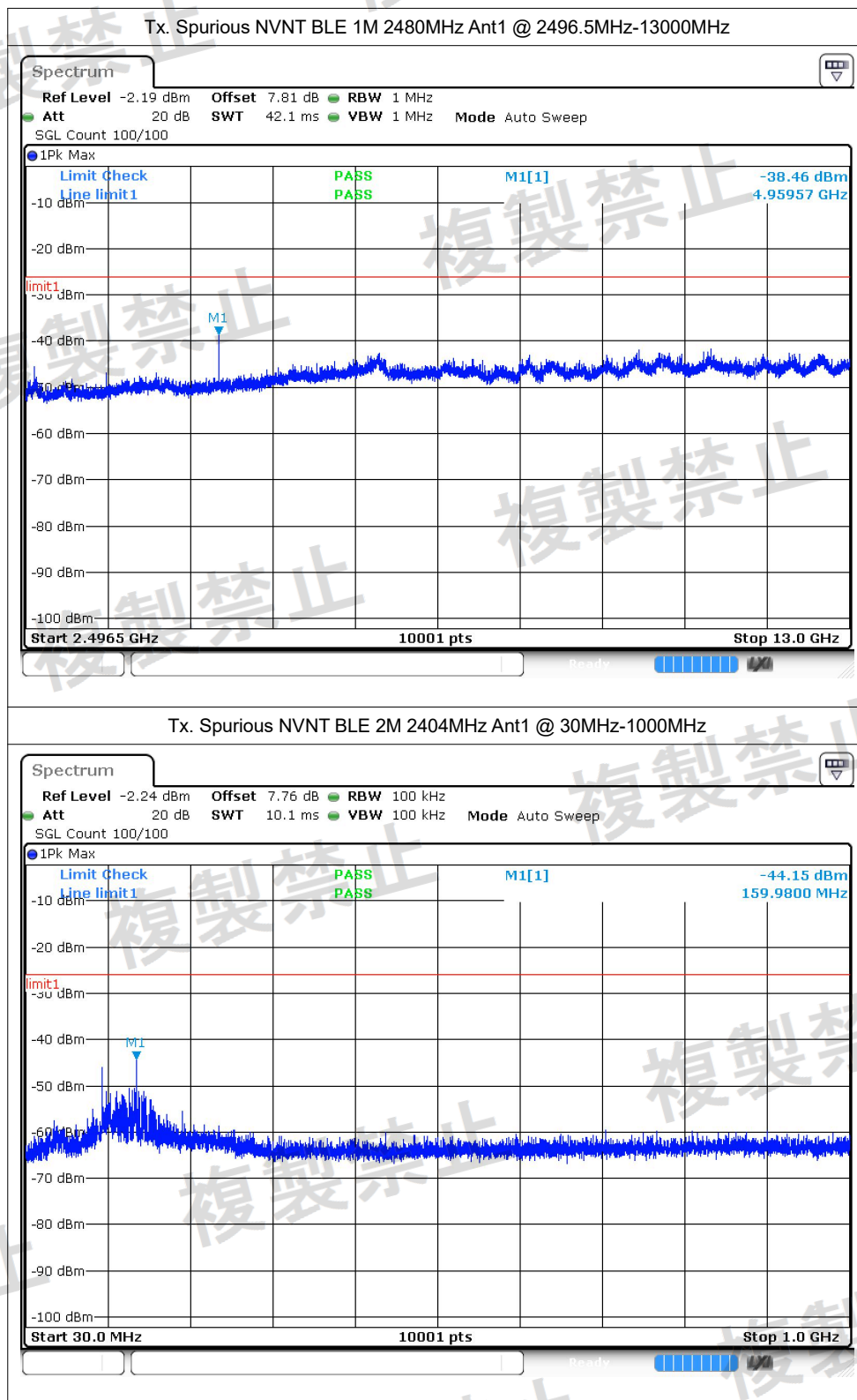


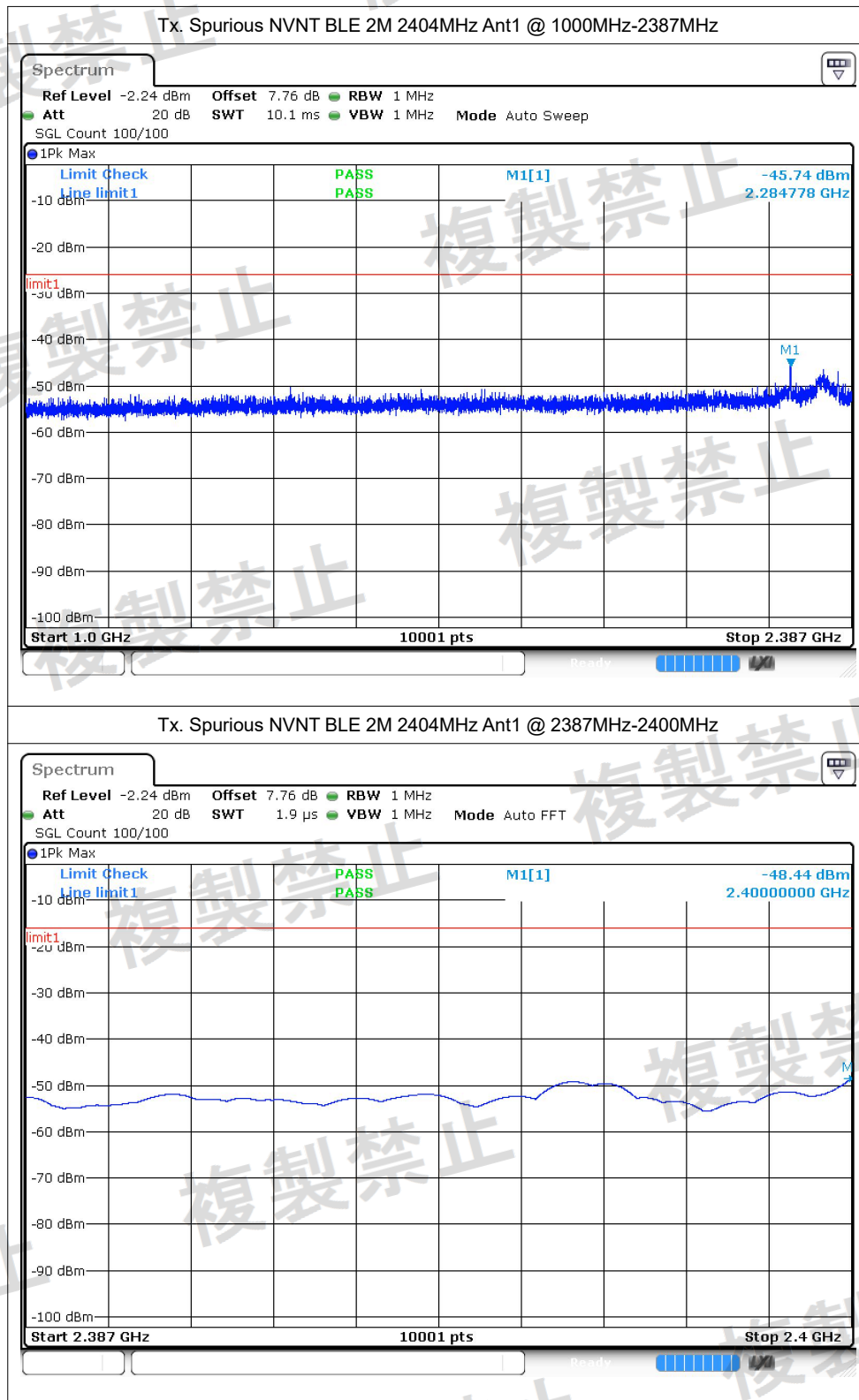


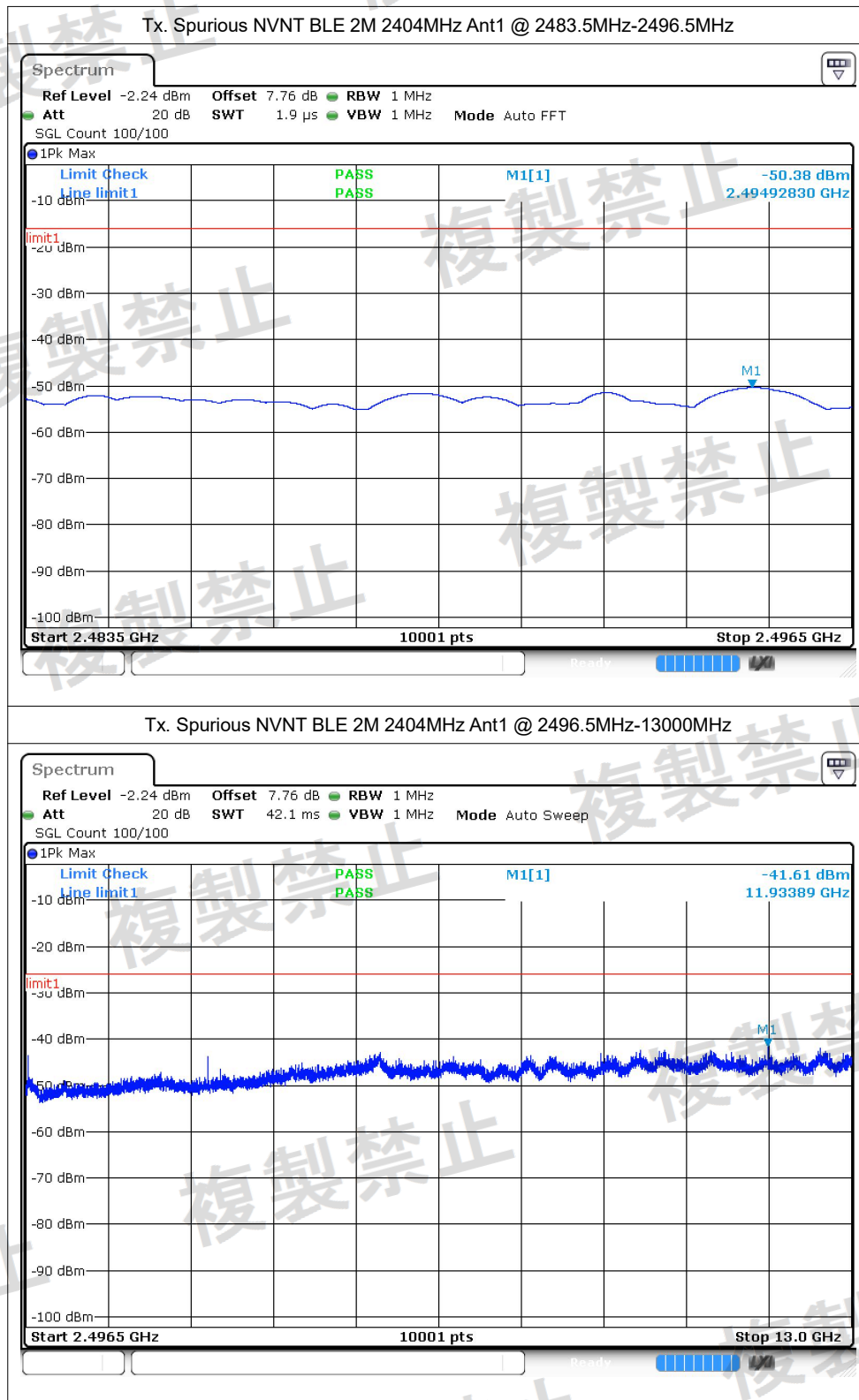


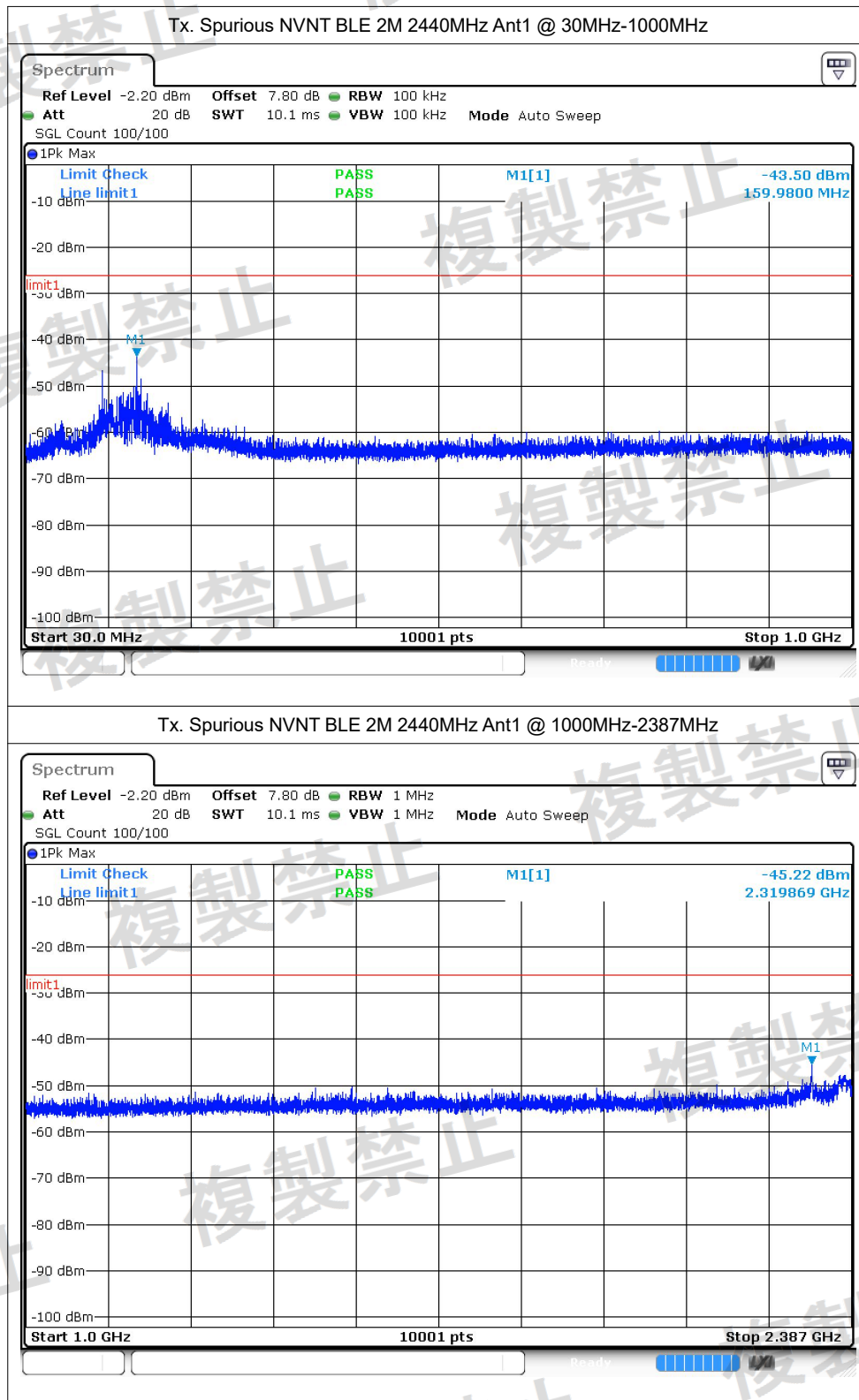


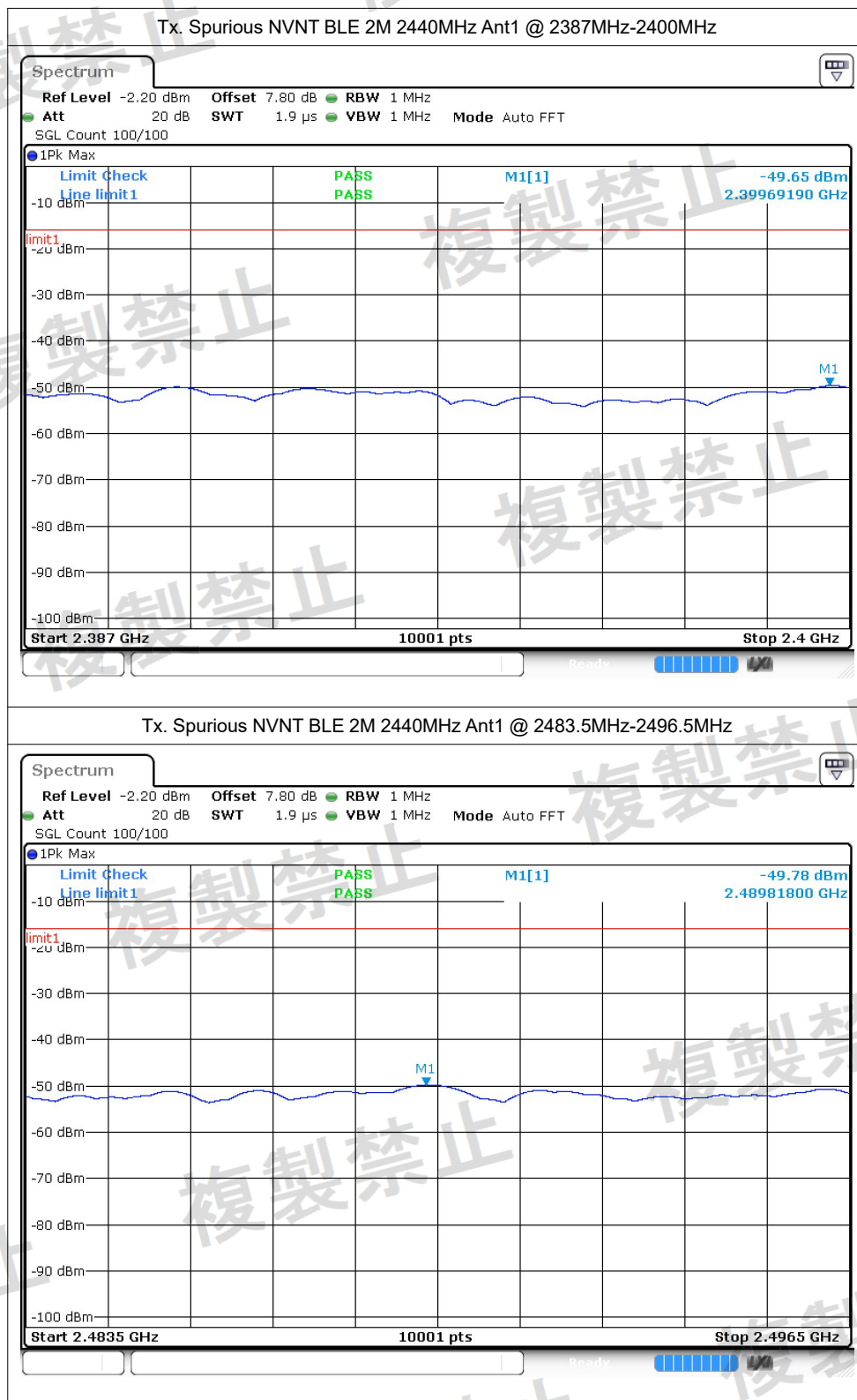


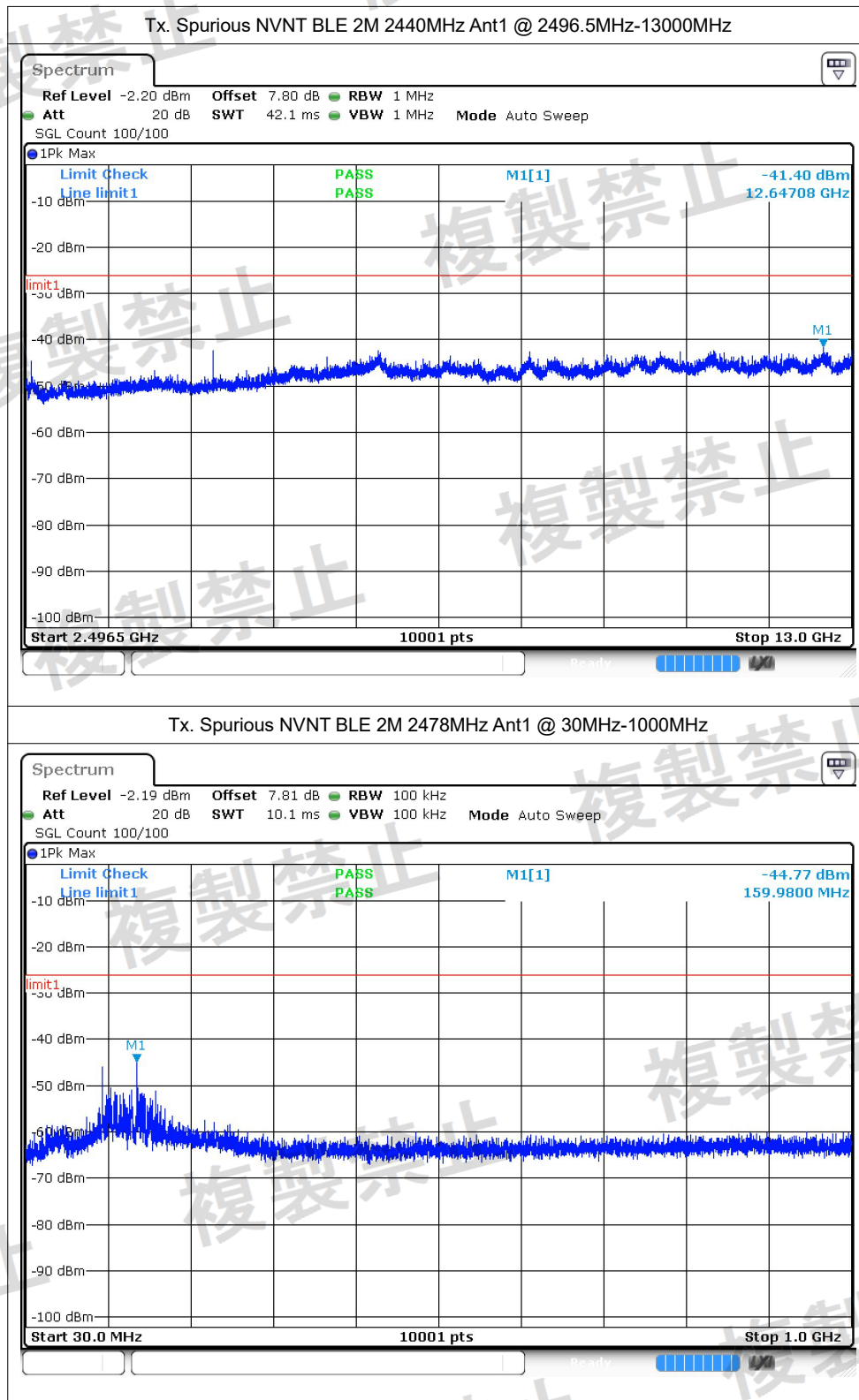


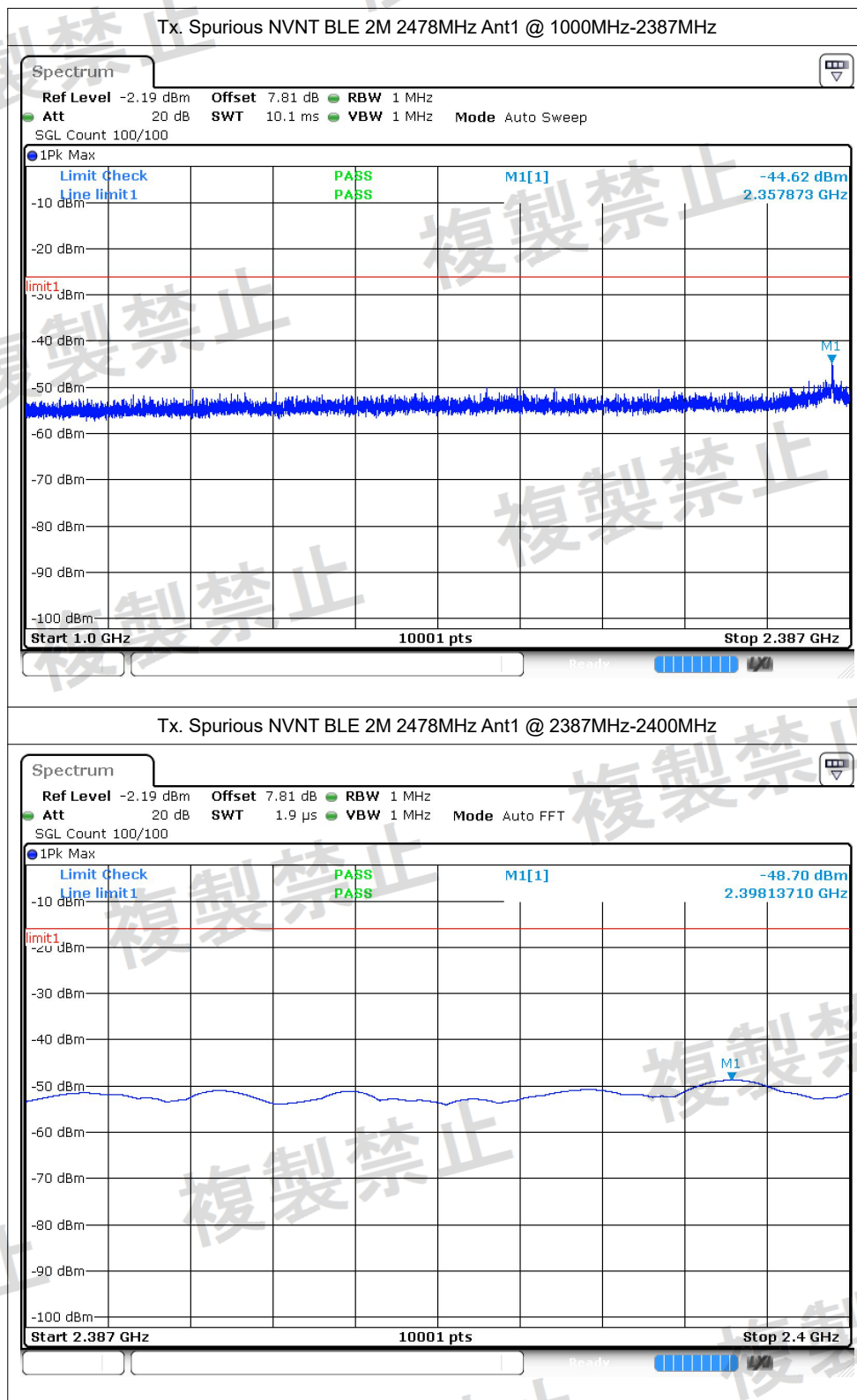


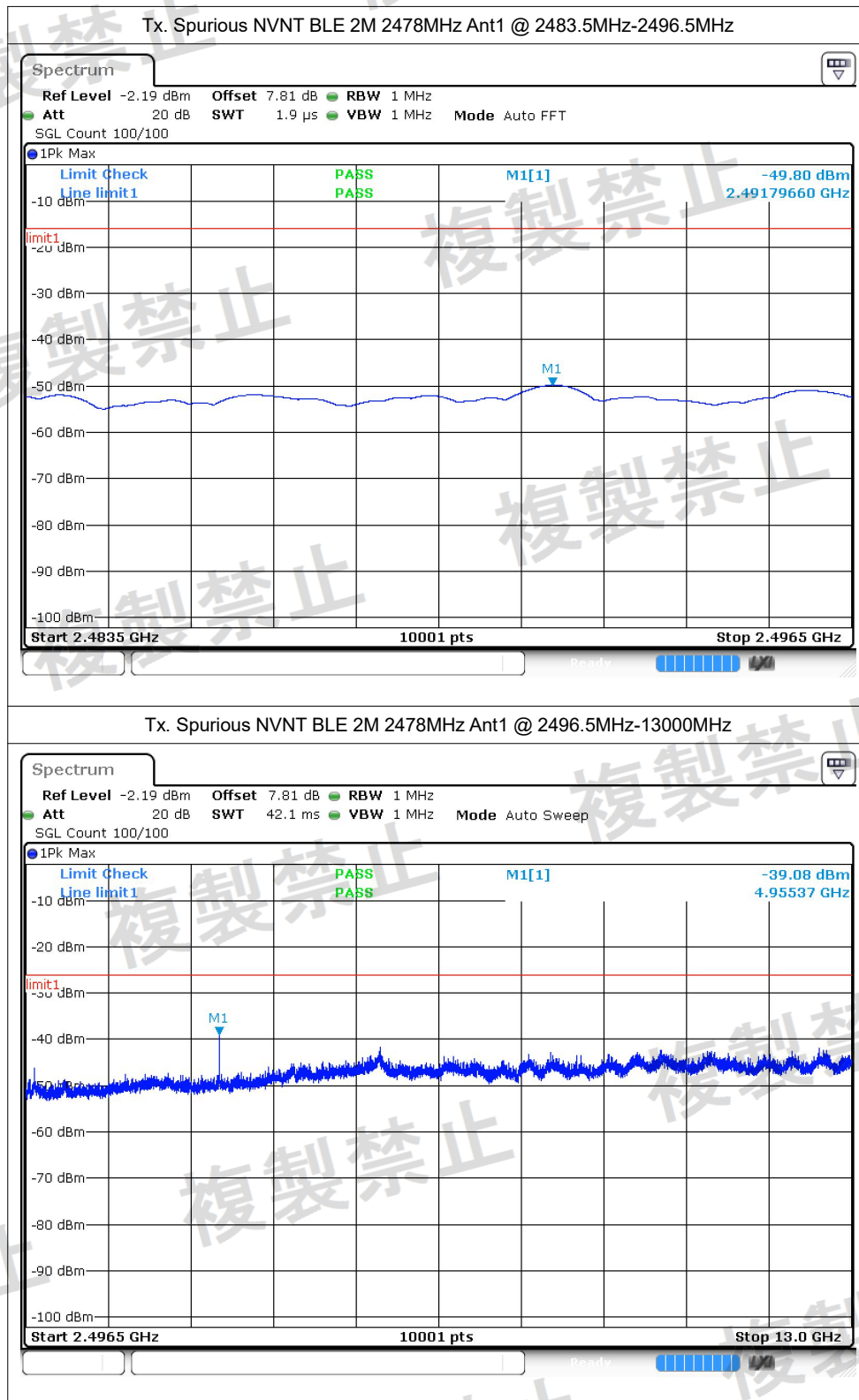












Rx Spurious Emission

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	120.06	-67.78	NA	0.1667	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	10270.90	-62.34	NA	0.5834	NA	20	Pass
NVNT	BLE 2M	2404	Ant1	30-1000	120.06	-67.68	NA	0.1706	NA	4	Pass
NVNT	BLE 2M	2404	Ant1	1000-13000	6983.20	-62.40	NA	0.5754	NA	20	Pass

