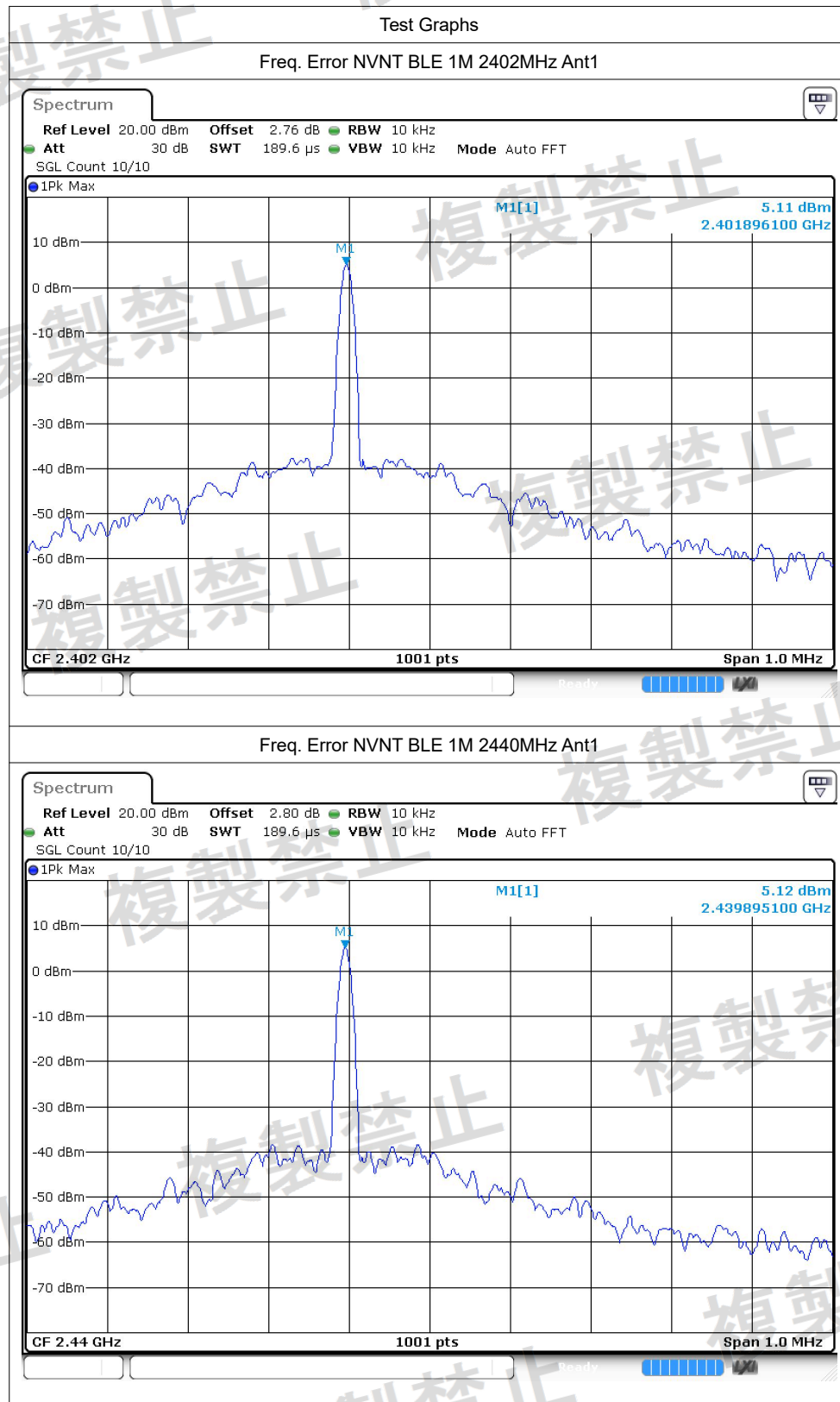
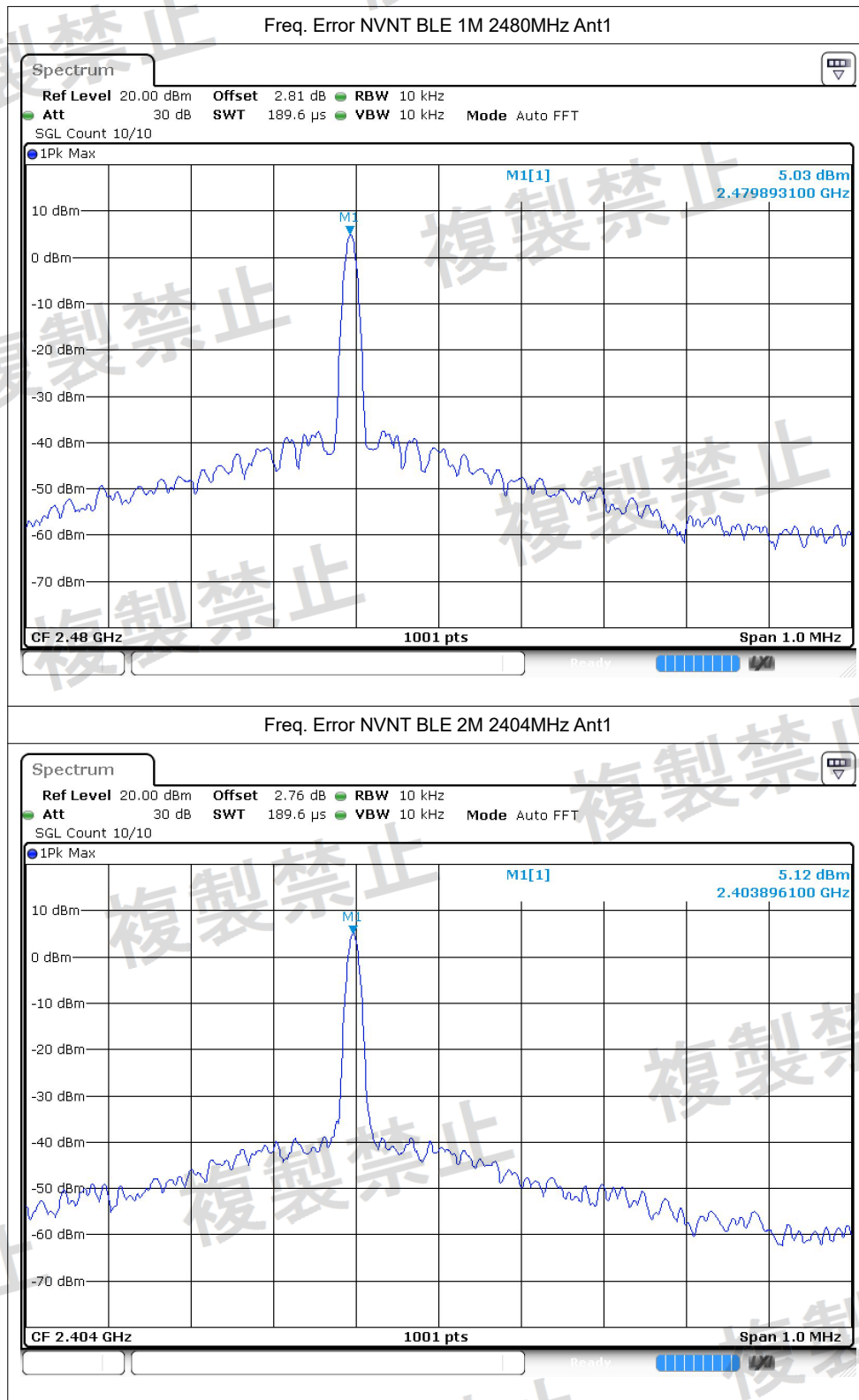


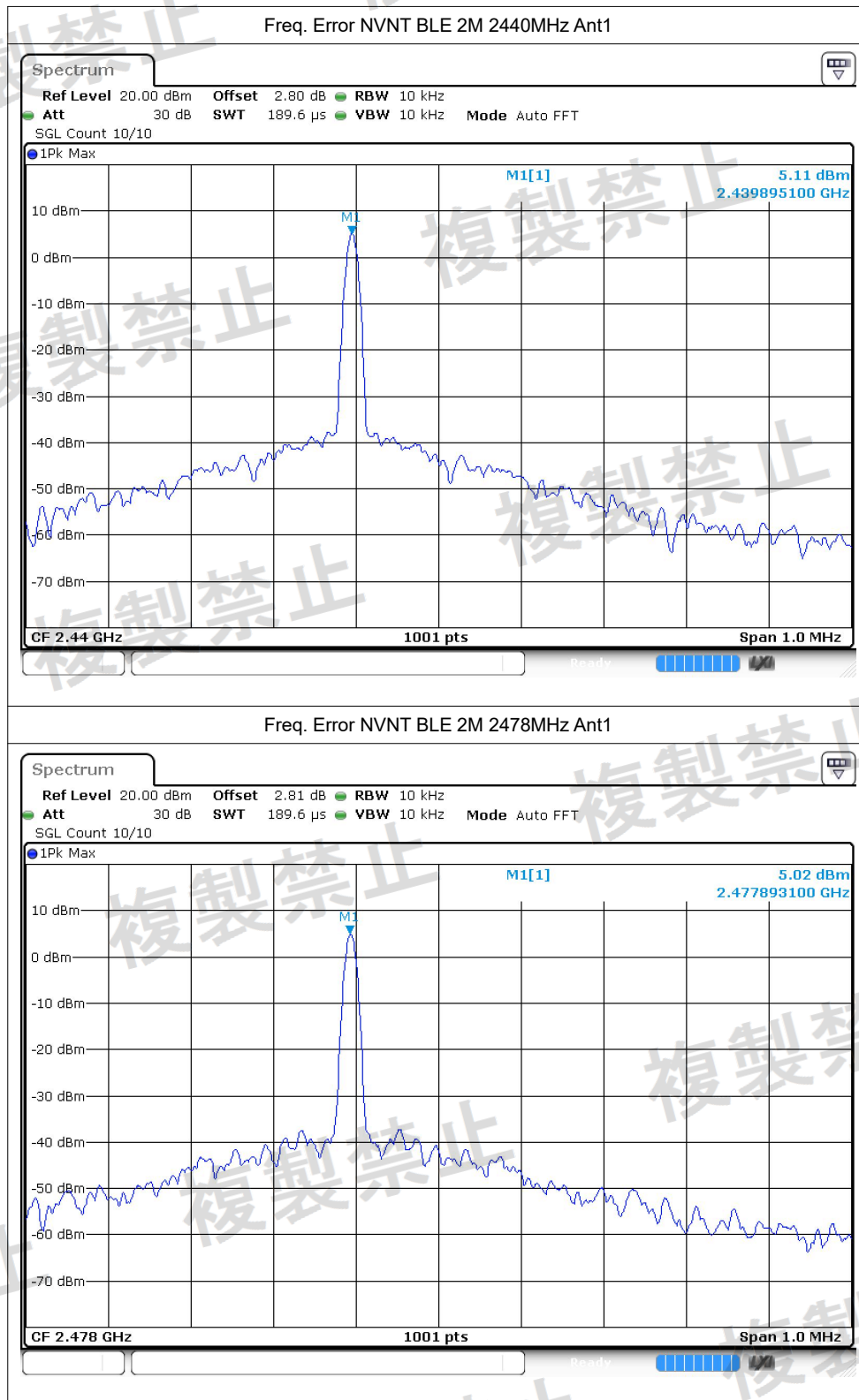
Appendix A(High Voltage)

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	2403.8961	-103900	-43.22	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





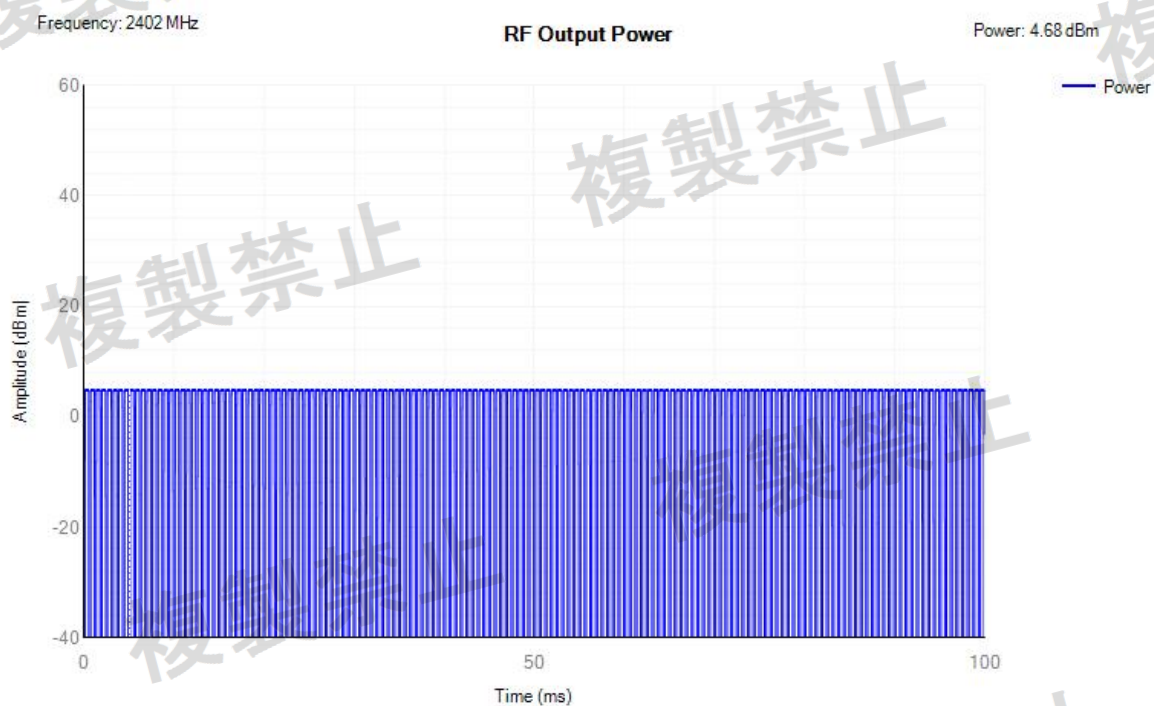


Antenna Power

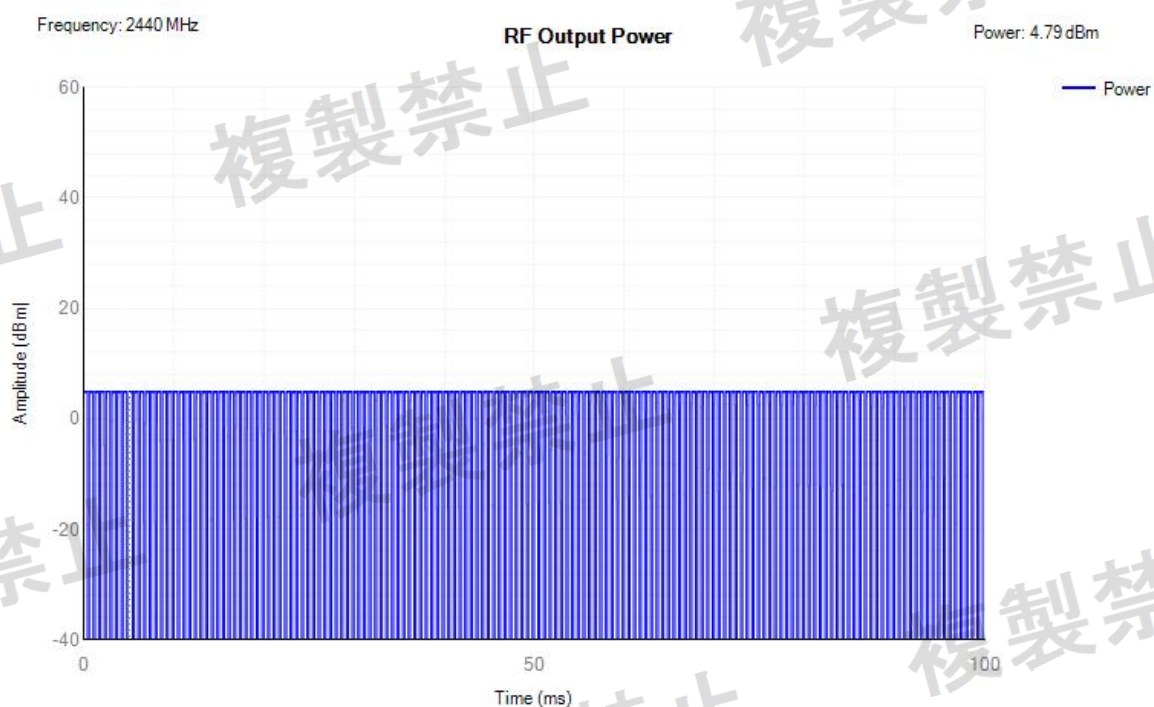
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	4.68	2.938	10	5	-41.24	20	Pass
NVNT	BLE 1M	2440	Ant1	4.79	3.013	10	5	-39.74	20	Pass
NVNT	BLE 1M	2480	Ant1	4.8	3.02	10	5	-39.6	20	Pass
NVNT	BLE 2M	2404	Ant1	4.55	2.851	10	5	-42.98	20	Pass
NVNT	BLE 2M	2440	Ant1	4.7	2.951	10	5	-40.98	20	Pass
NVNT	BLE 2M	2478	Ant1	4.67	2.931	10	5	-41.38	20	Pass

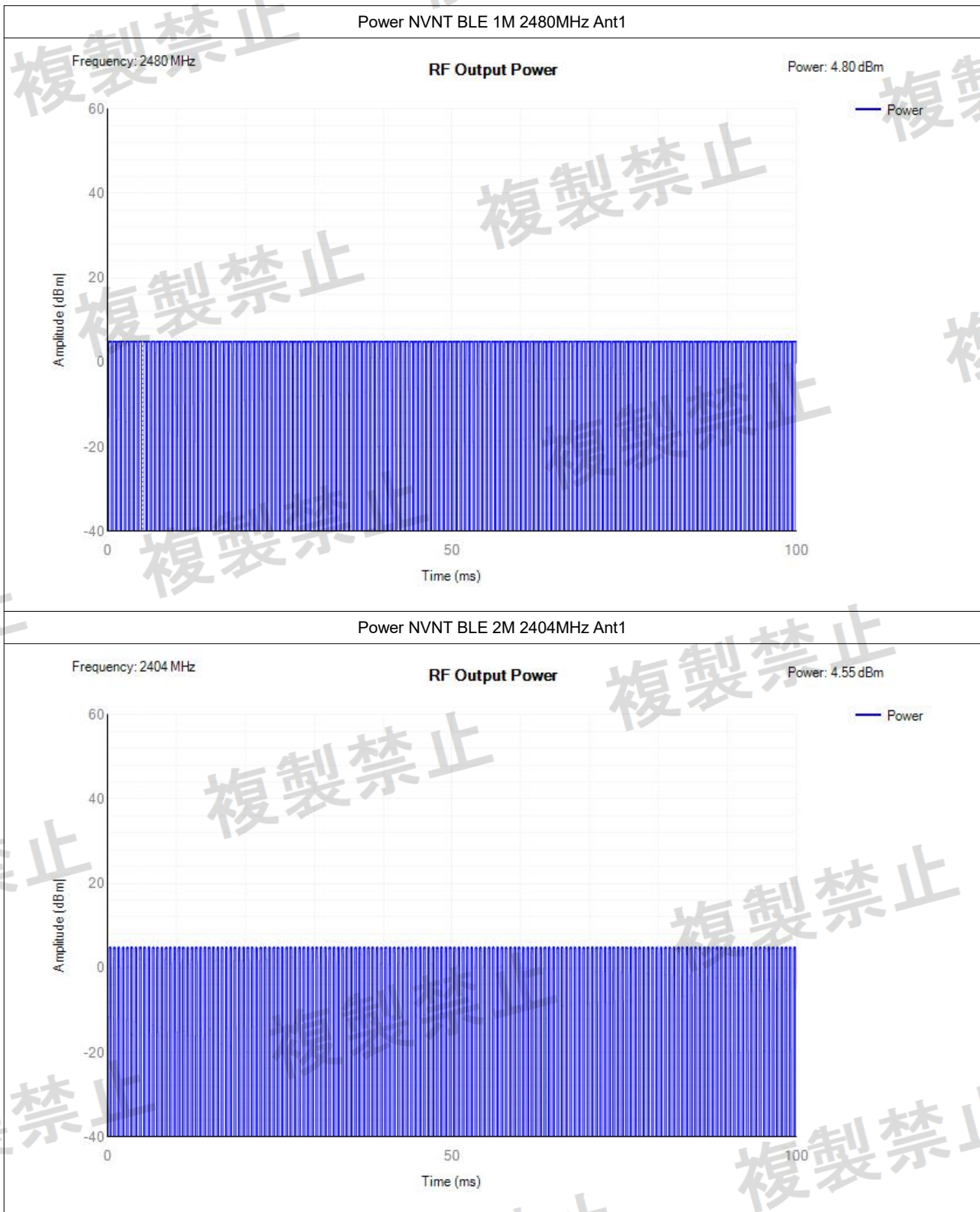
Test Graphs

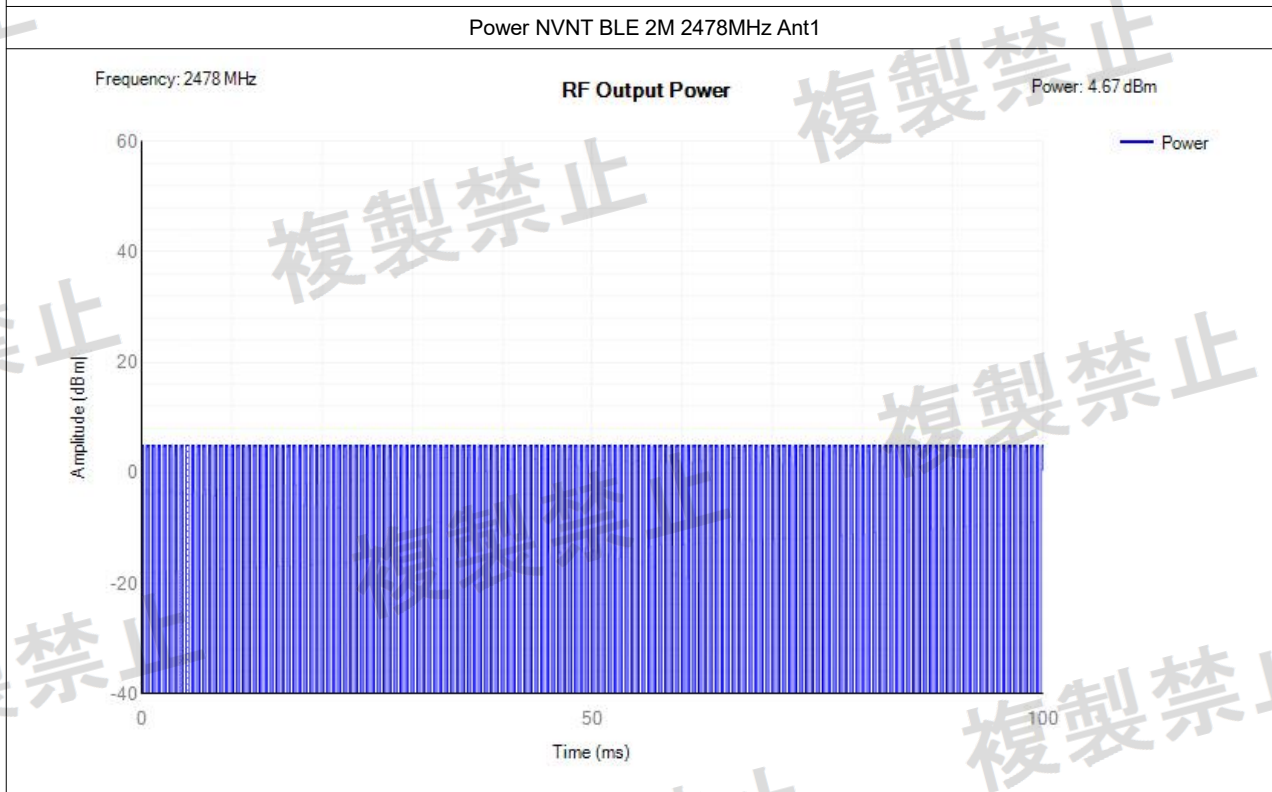
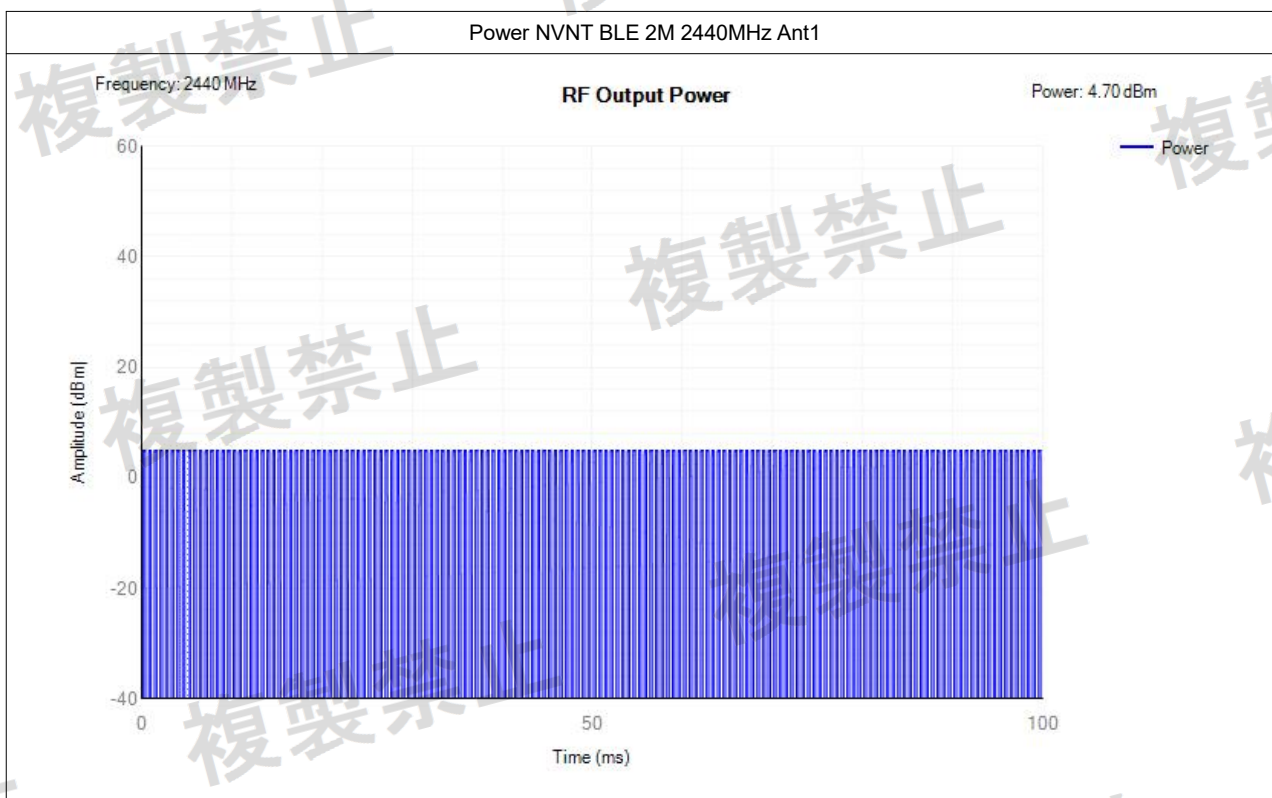
Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1





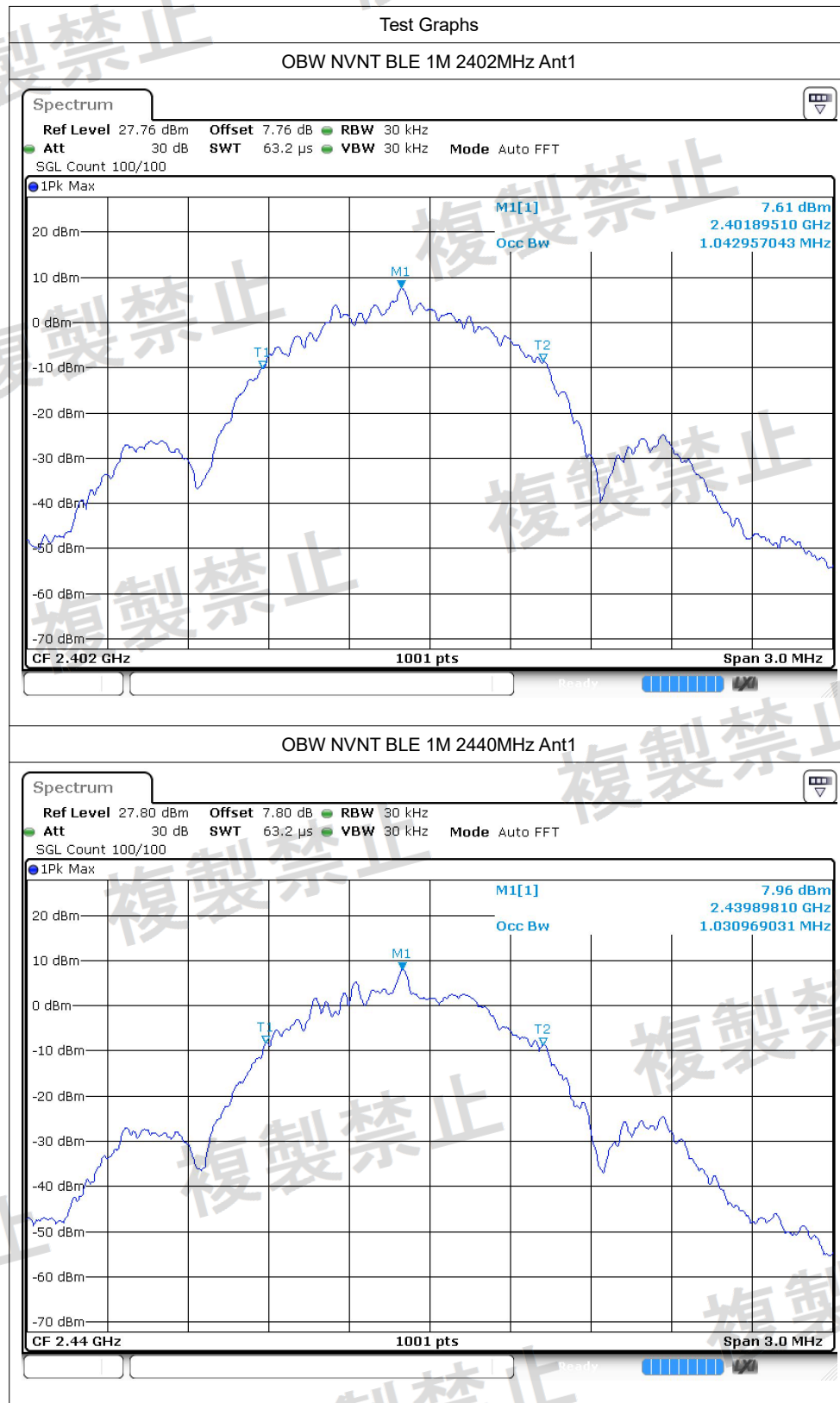


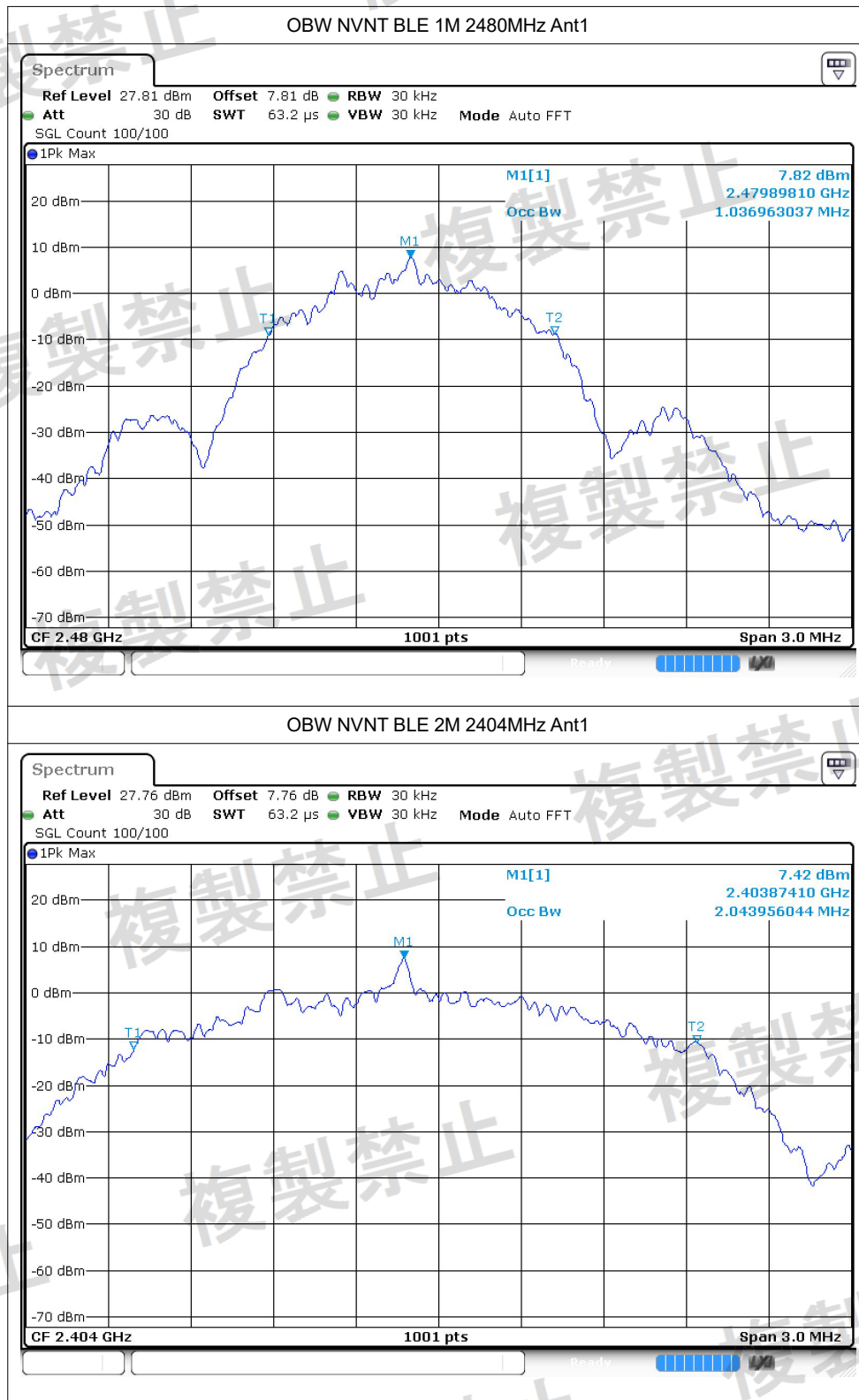
**EIRP Power**

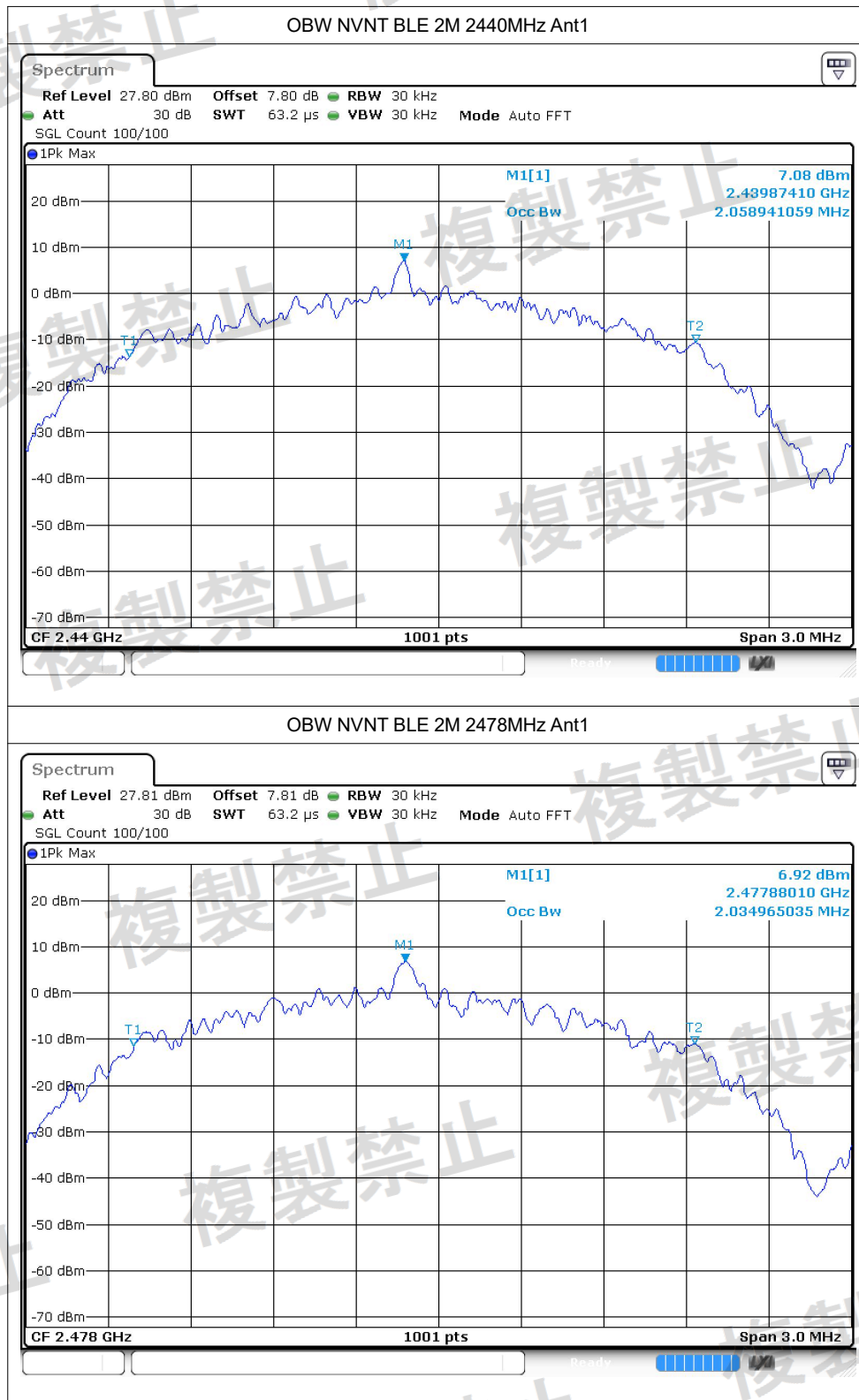
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.938	4.68	5	9.68	12.14	Pass
NVNT	BLE 1M	2440	Ant1	3.013	4.79	5	9.79	12.14	Pass
NVNT	BLE 1M	2480	Ant1	3.02	4.8	5	9.8	12.14	Pass
NVNT	BLE 2M	2404	Ant1	2.851	4.55	5	9.55	12.14	Pass
NVNT	BLE 2M	2440	Ant1	2.951	4.7	5	9.7	12.14	Pass
NVNT	BLE 2M	2478	Ant1	2.931	4.67	5	9.67	12.14	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.043
NVNT	BLE 1M	2440	Ant1	1.031
NVNT	BLE 1M	2480	Ant1	1.037
NVNT	BLE 2M	2404	Ant1	2.044
NVNT	BLE 2M	2440	Ant1	2.059
NVNT	BLE 2M	2478	Ant1	2.035

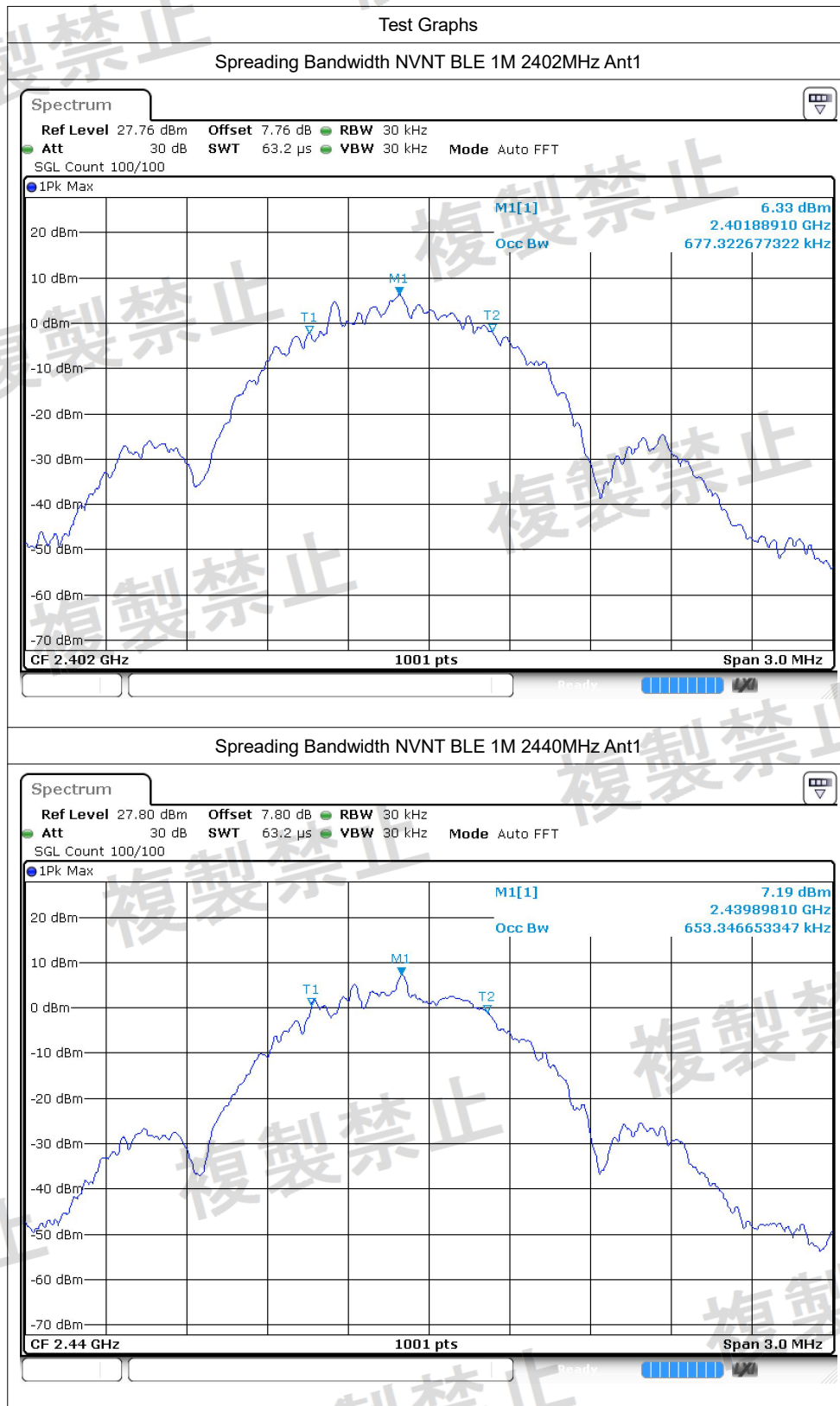


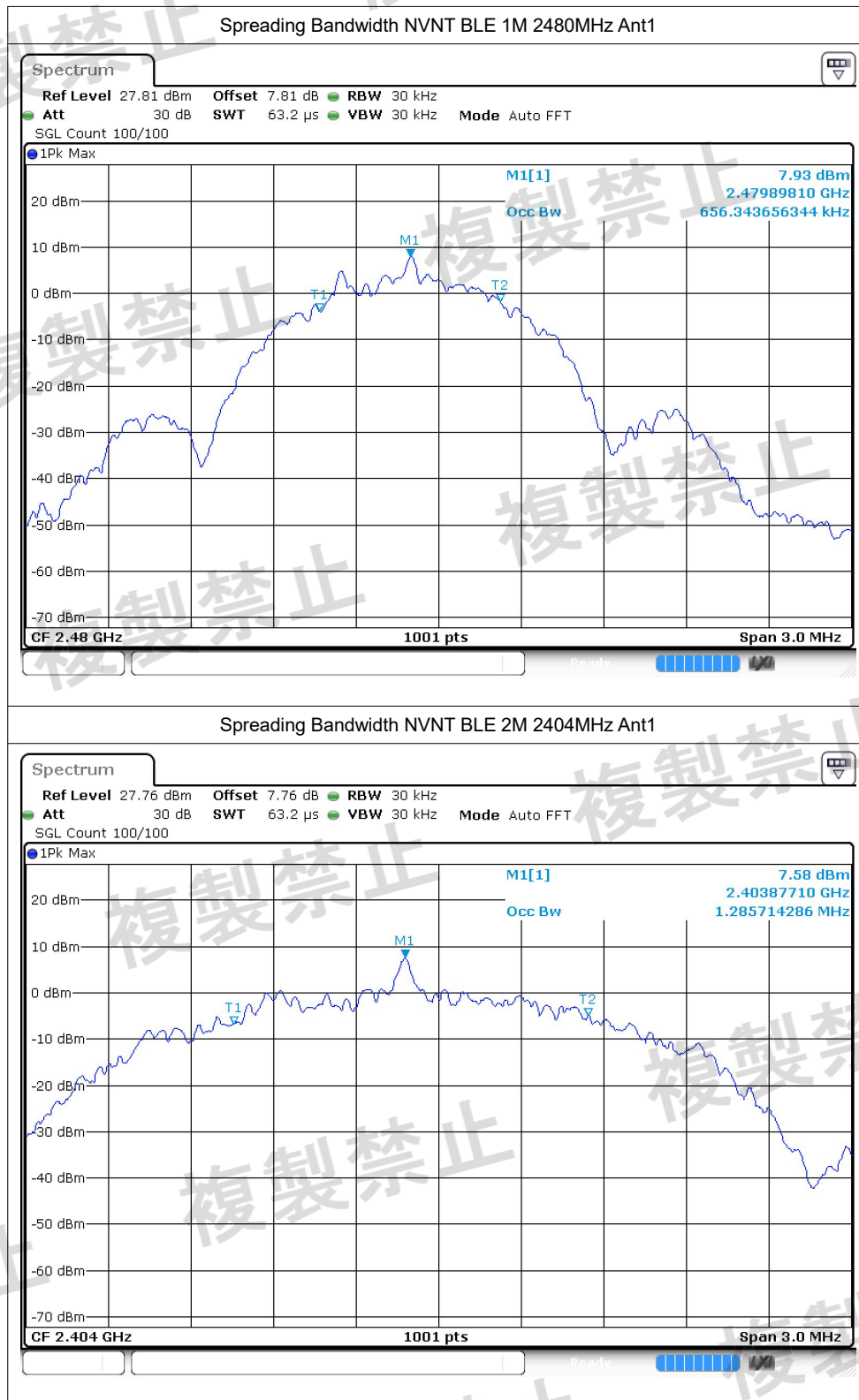


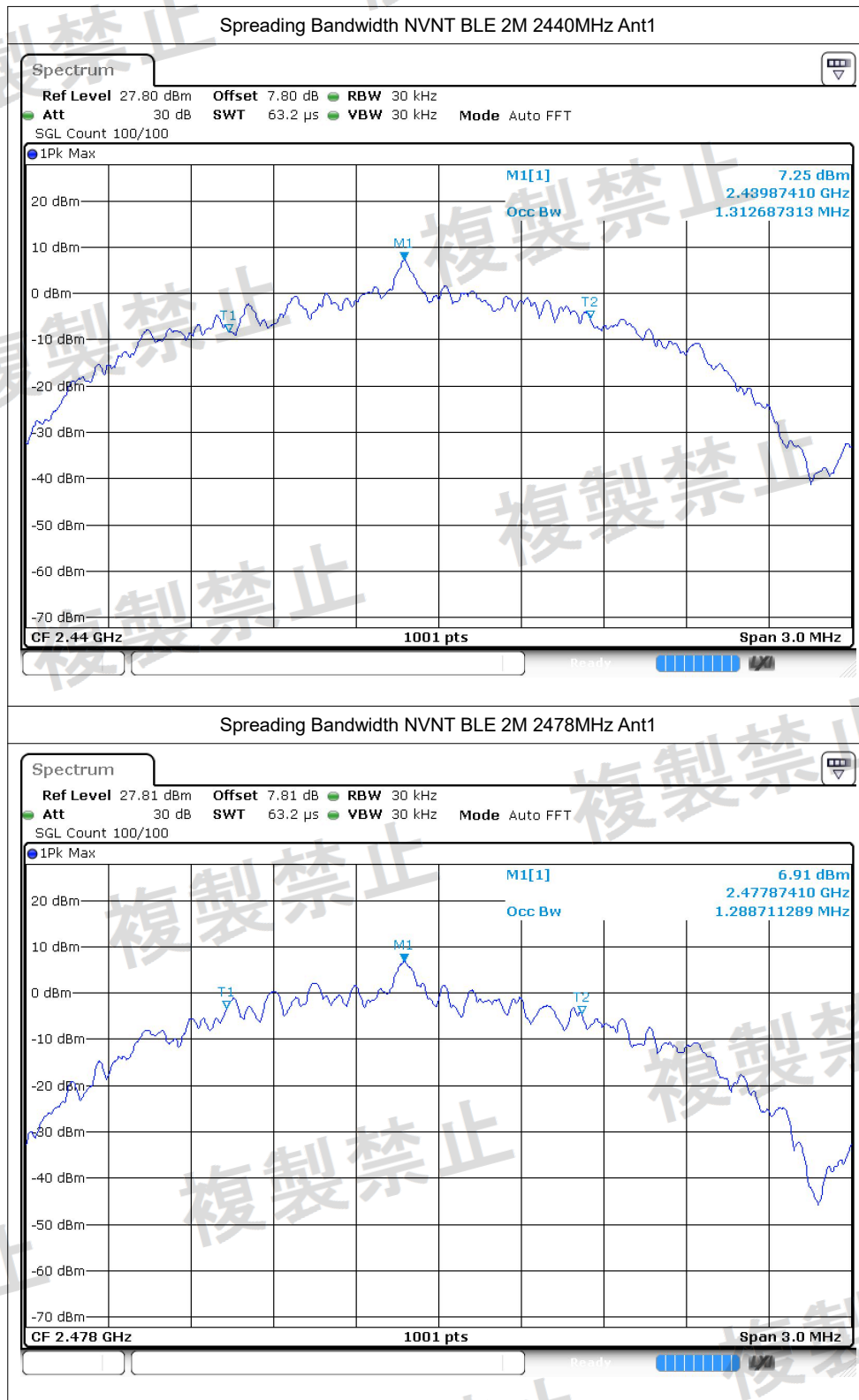


Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.677	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.653	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.656	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.286	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.313	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.289	0.5	Pass







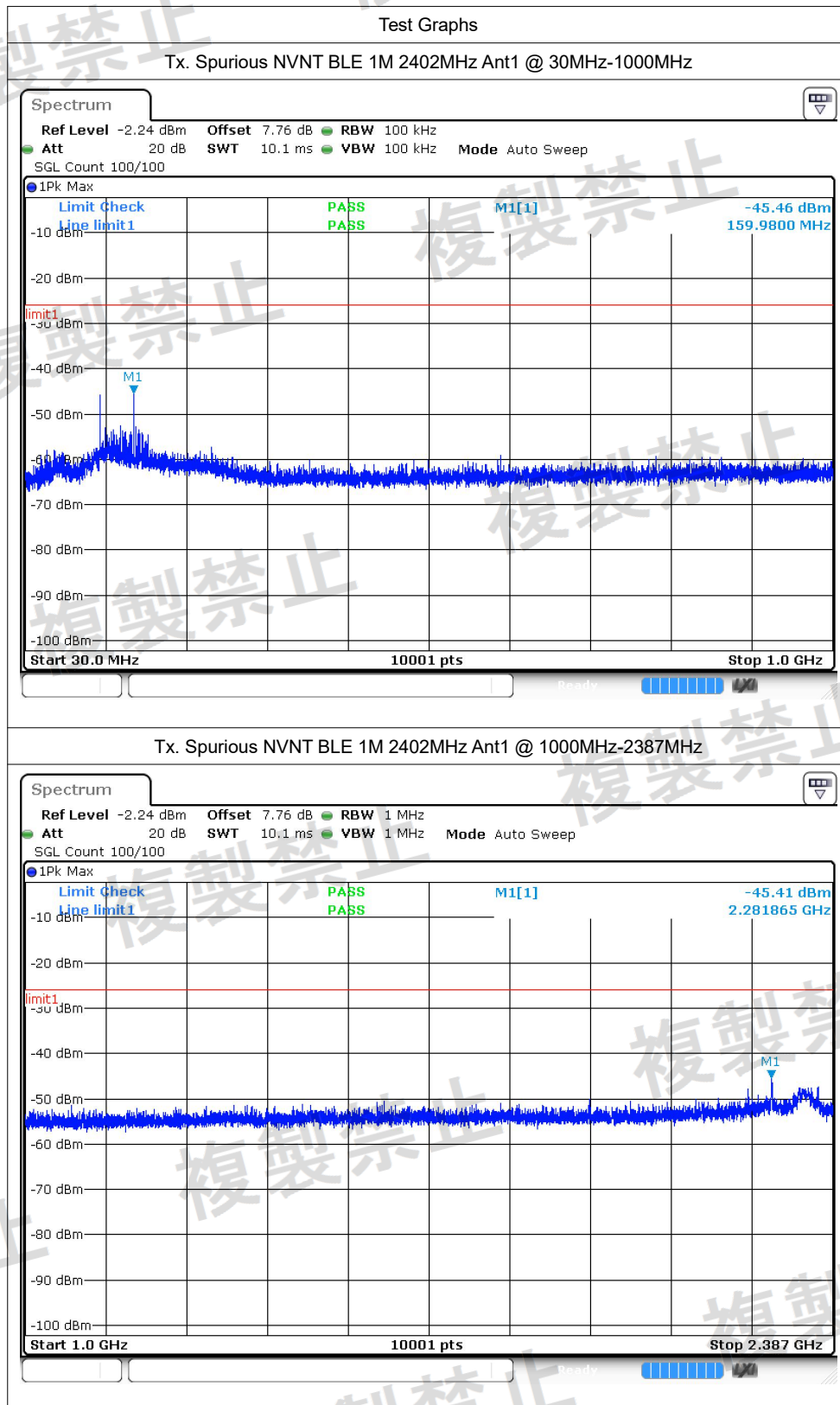
Tx Spurious Emission

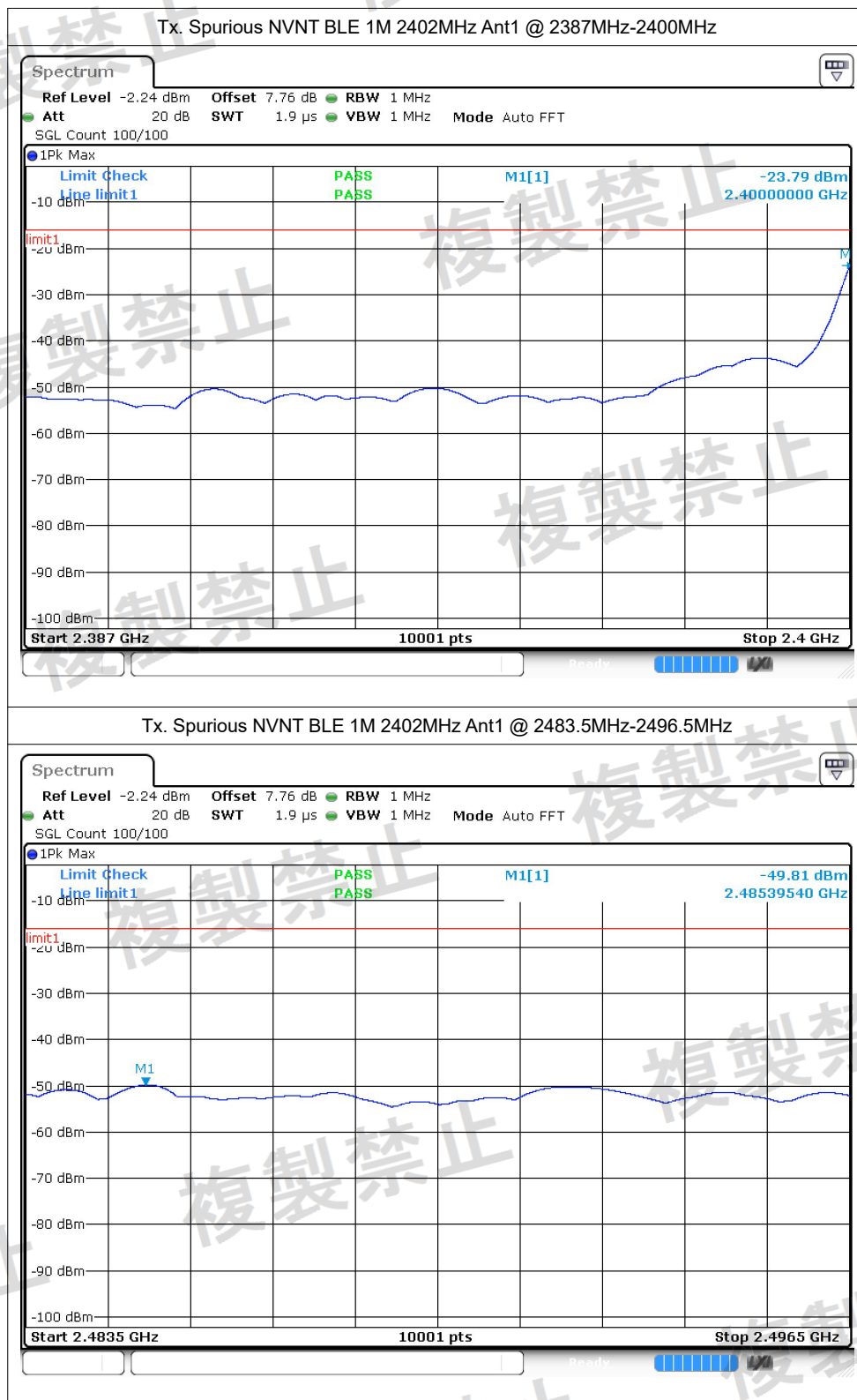
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	159.98	-35.46	NA	0.2844	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2281.87	-45.41	NA	0.0288	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2400.00	-23.78	NA	4.1879	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2485.40	-49.80	NA	0.0105	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	11272.17	-42.27	NA	0.0593	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	159.98	-35.25	NA	0.2985	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2319.87	-44.92	NA	0.0322	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2399.74	-48.73	NA	0.0134	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2495.50	-50.49	NA	0.0089	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	4879.74	-41.40	NA	0.0724	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	159.98	-35.26	NA	0.2979	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2360.23	-43.29	NA	0.0469	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2390.02	-49.58	NA	0.011	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.54	-48.21	NA	0.0151	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	4959.57	-38.73	NA	0.134	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	30-1000	159.98	-34.96	NA	0.3192	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	1000-2387	2284.36	-45.51	NA	0.0281	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	2387-2400	2391.96	-48.13	NA	0.0154	NA	25	25	Pass
NVNT	BLE 2M	2404	Ant1	2483.5-2496.5	2487.06	-50.78	NA	0.0084	NA	25	25	Pass

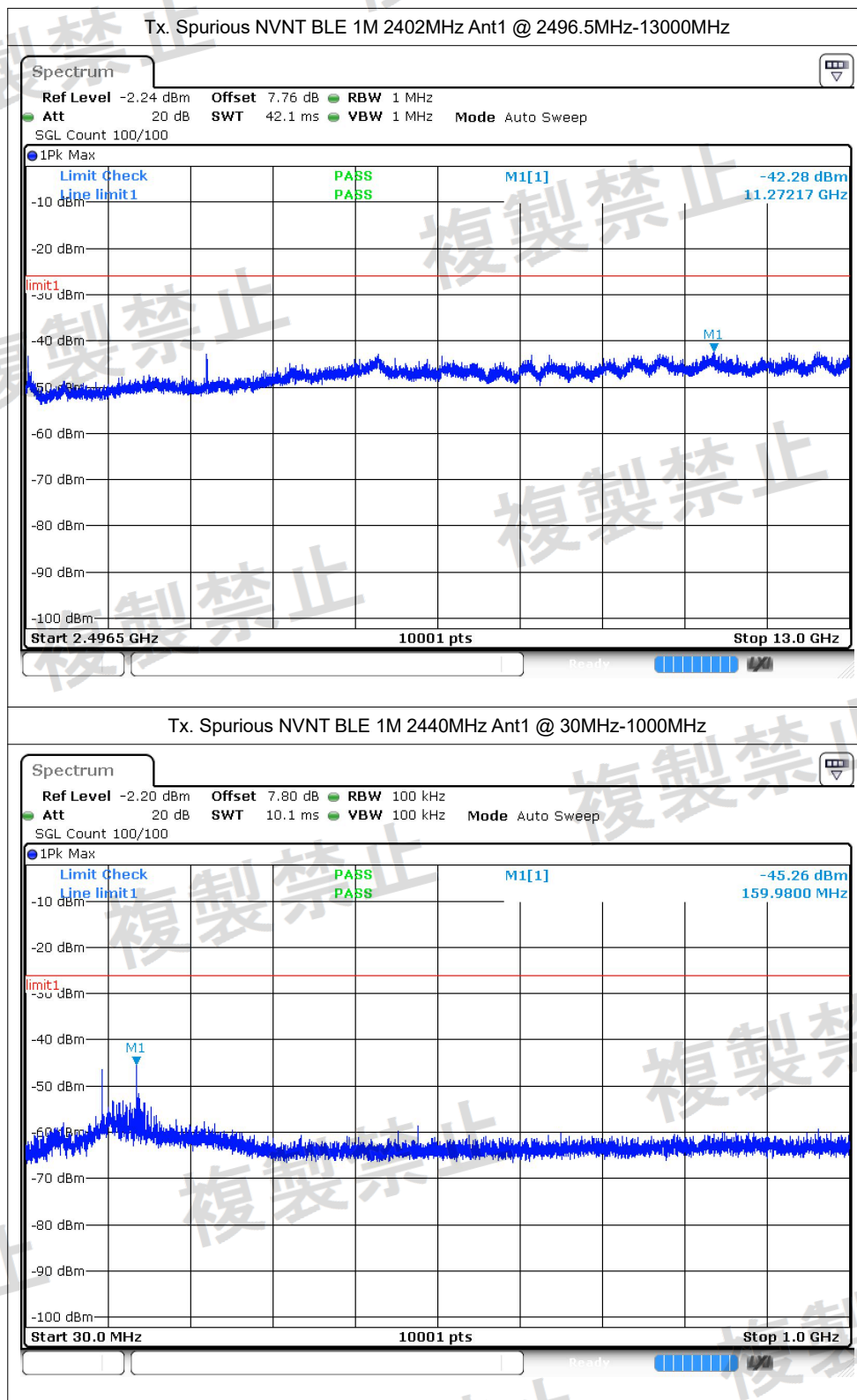
NVNT	BLE 2M	2404	Ant1	2496.5-13000	12661.79	-41.98	NA	0.0634	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	159.98	-35.23	NA	0.2999	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2320.15	-45.08	NA	0.031	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2399.23	-46.22	NA	0.0239	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496.5	2496.50	-49.04	NA	0.0125	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-13000	12583.01	-41.82	NA	0.0658	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	30-1000	159.98	-35.01	NA	0.3155	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	1000-2387	2358.57	-44.40	NA	0.0363	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	2387-2400	2398.94	-49.15	NA	0.0122	NA	25	25	Pass
NVNT	BLE 2M	2478	Ant1	2483.5-2496.5	2485.05	-47.29	NA	0.0187	NA	25	25	Pass
NVNT	BLE 2M	2478	Ant1	2496.5-13000	4955.37	-39.00	NA	0.1259	NA	2.5	2.5	Pass

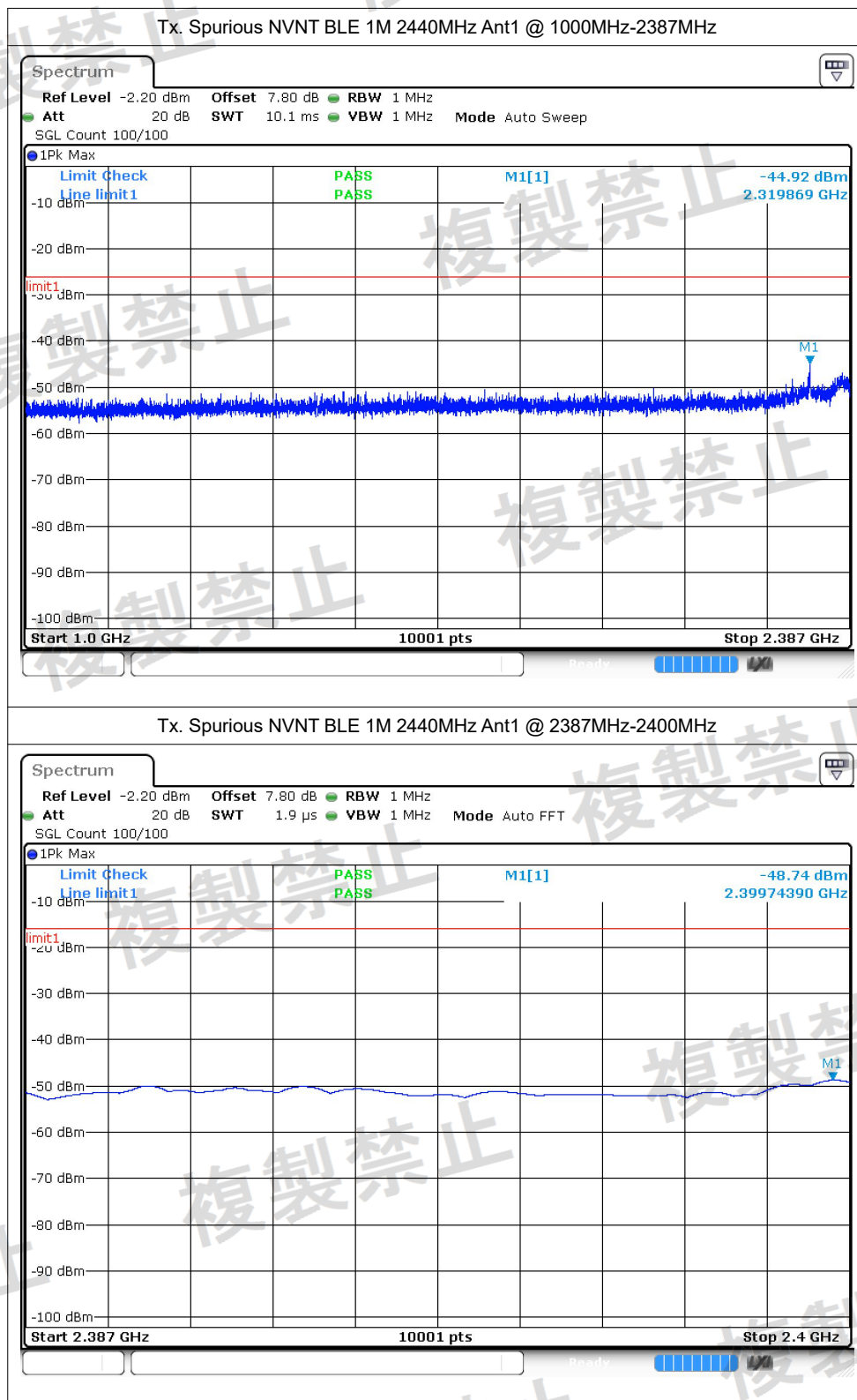
Note: The limit for the frequency range of 30MHz - 1GHz is 2.5uW/1MHz, but test result is dBm/100kHz.

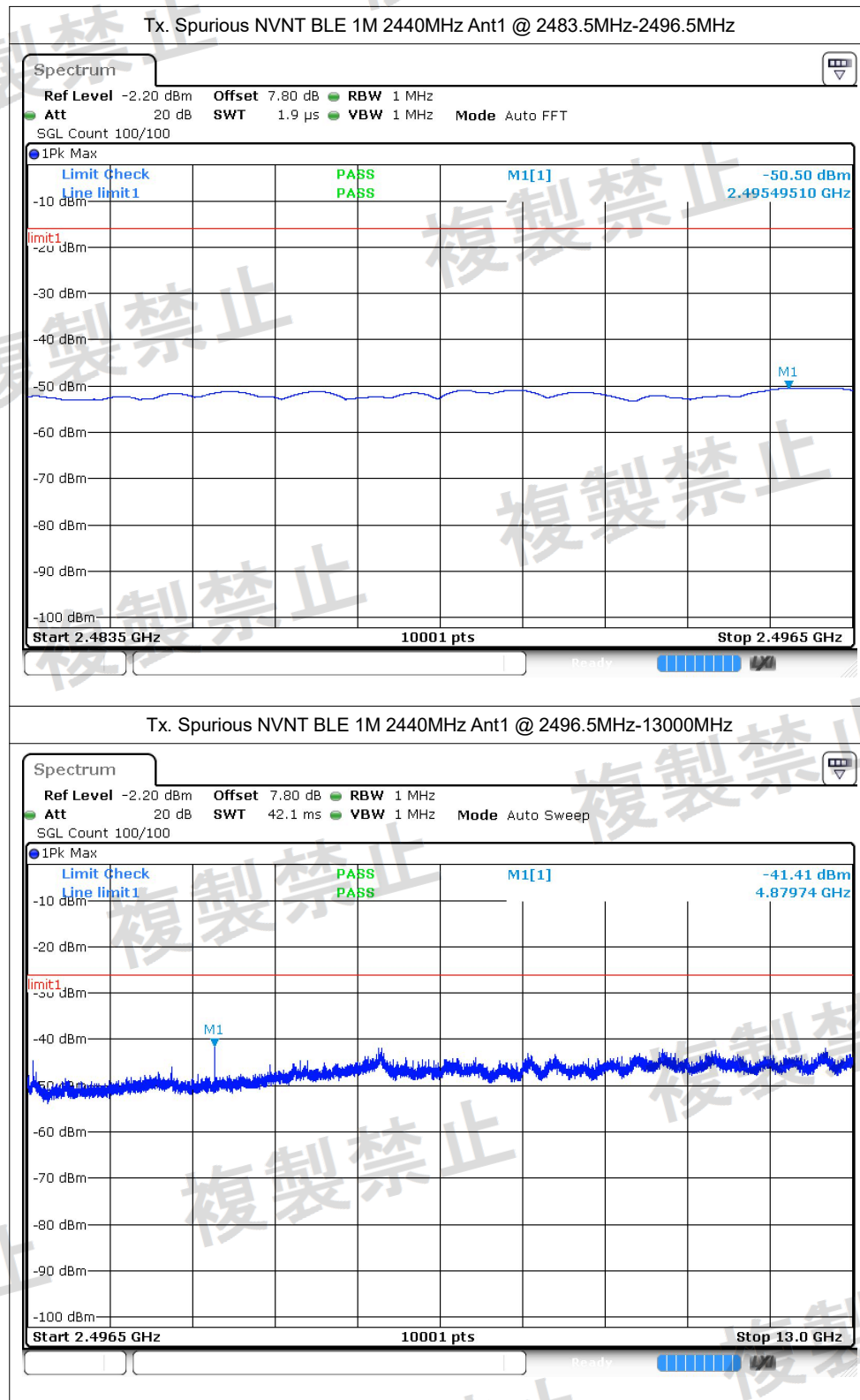
Value(dBm/1MHz) = Measurement(dBm/100kHz) + 10*log(1MHz/100KHz)

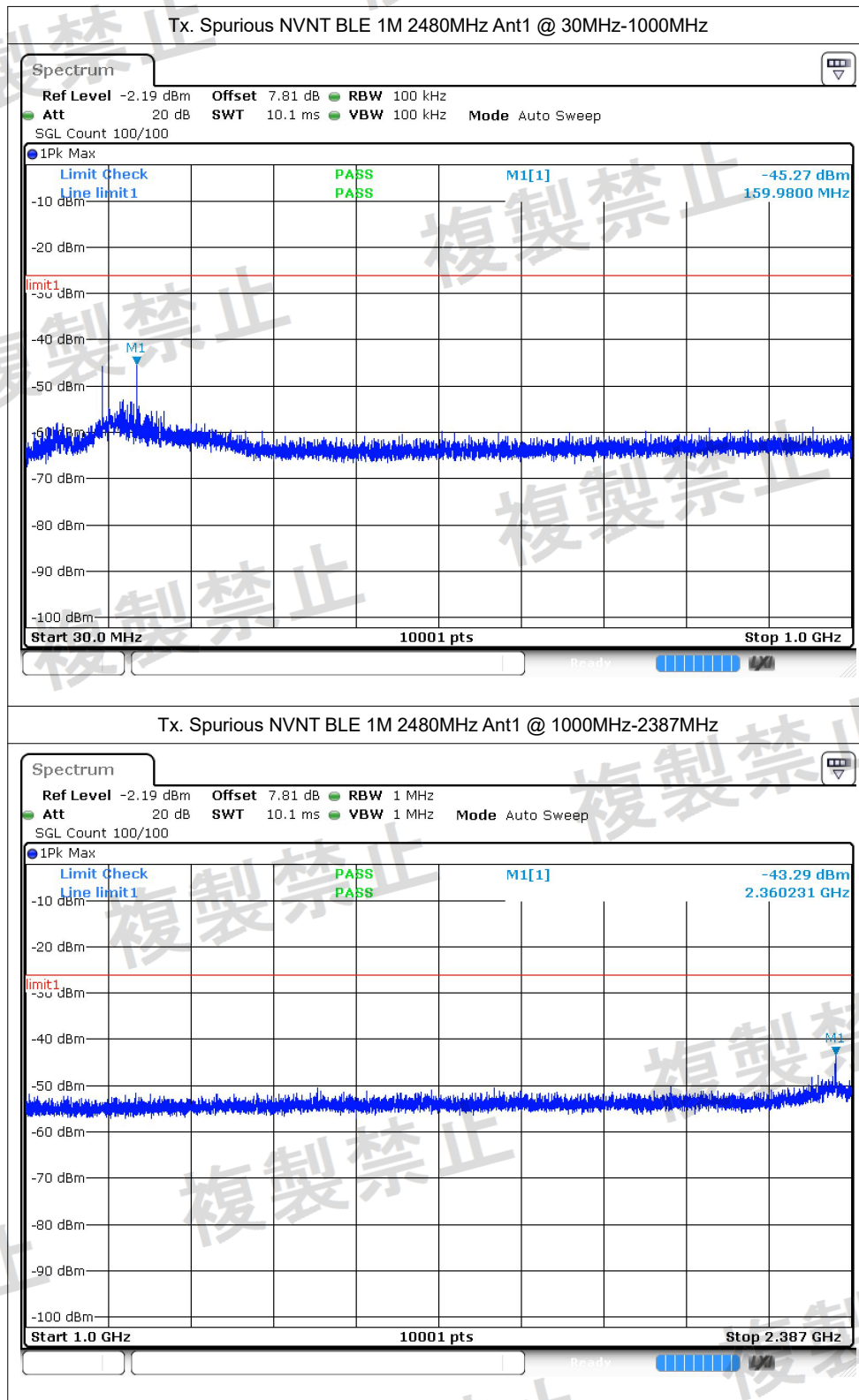


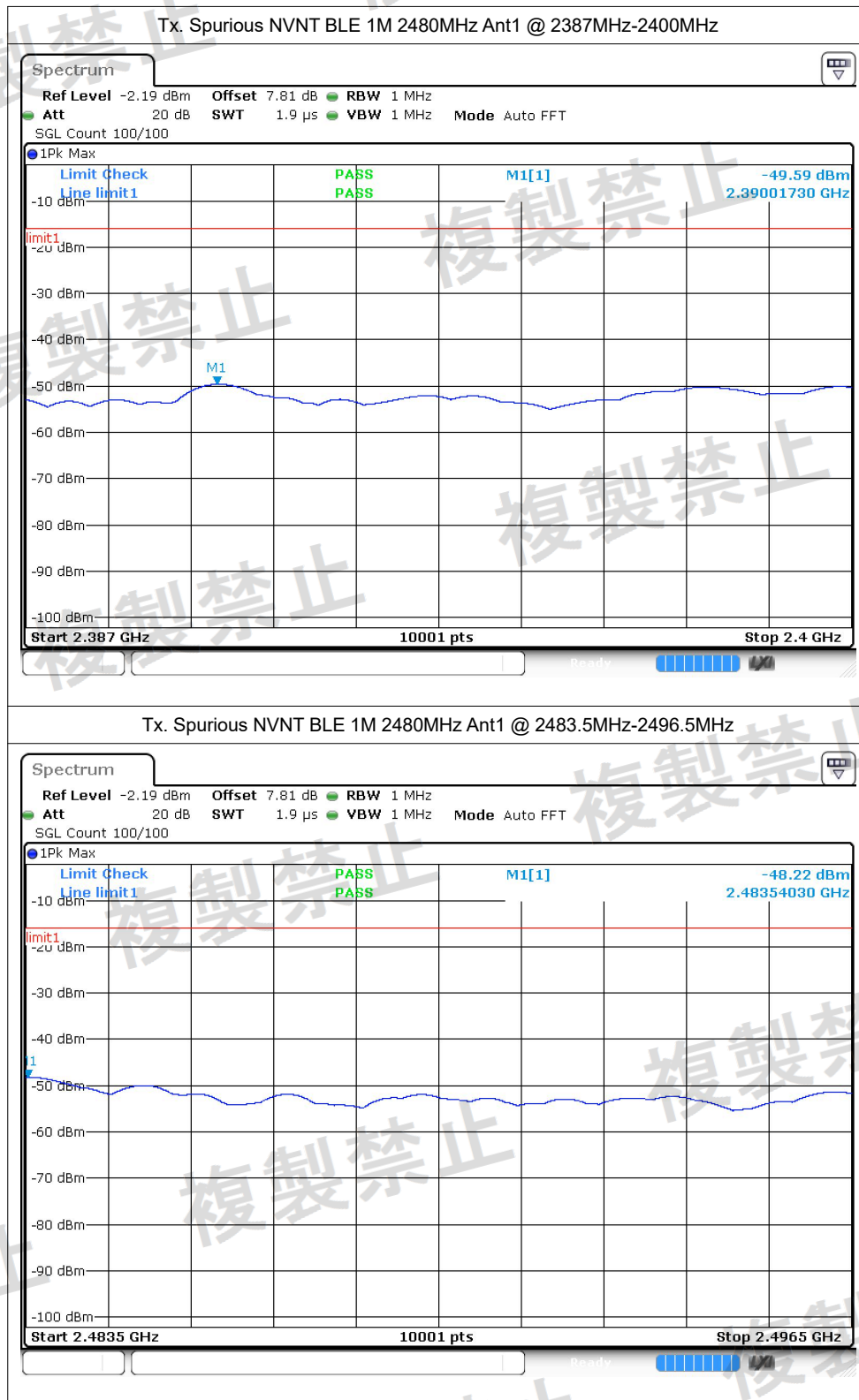


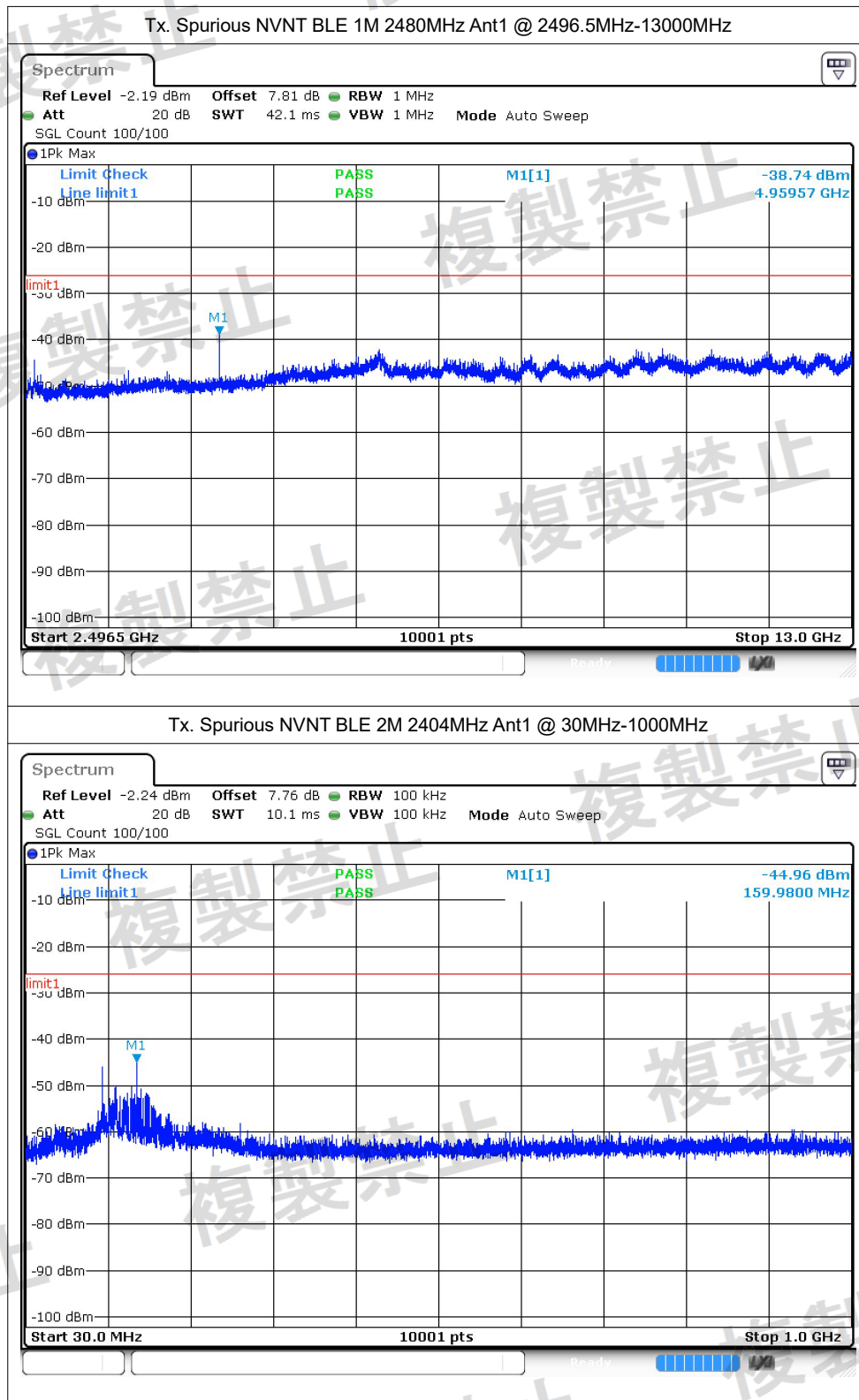


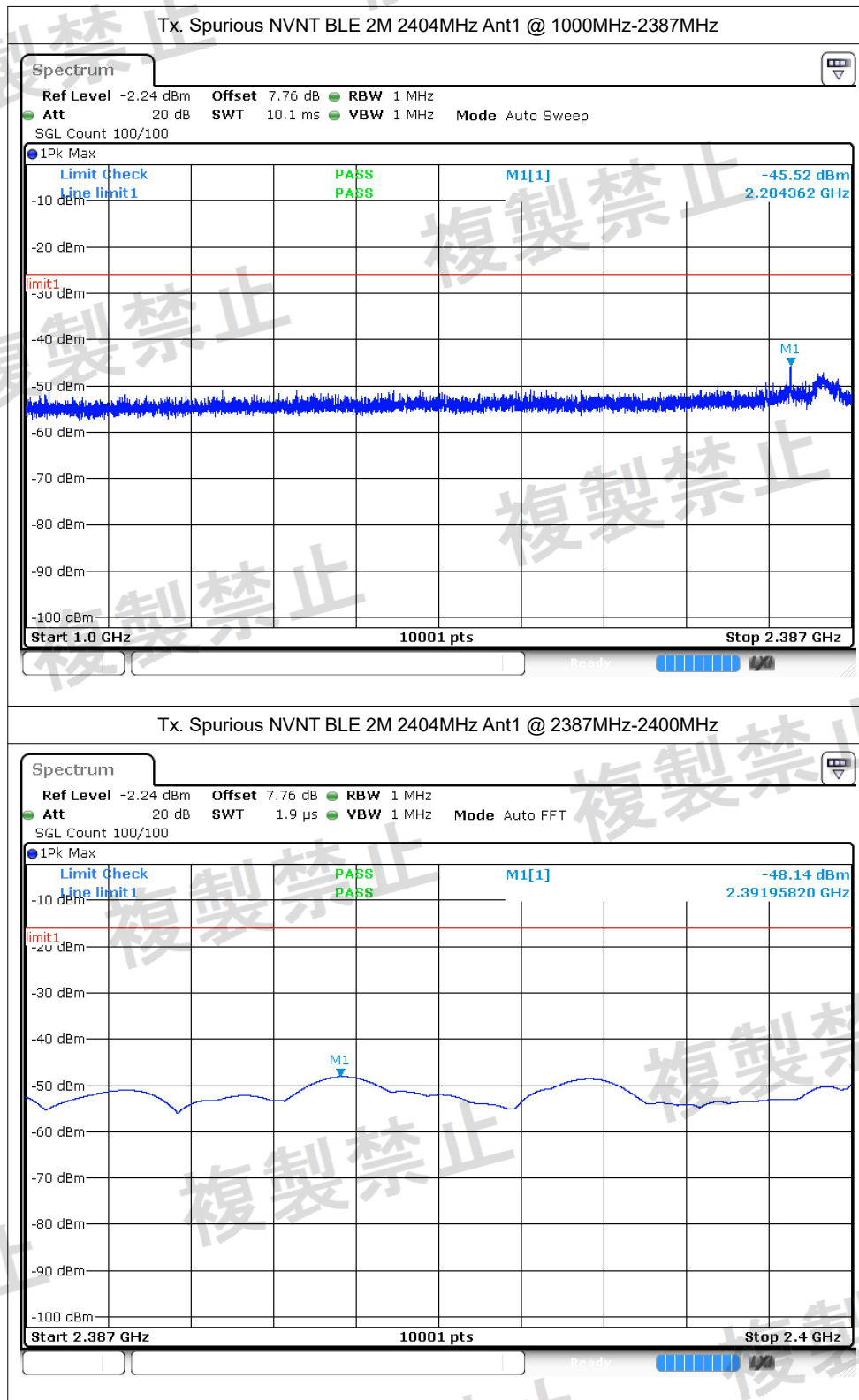


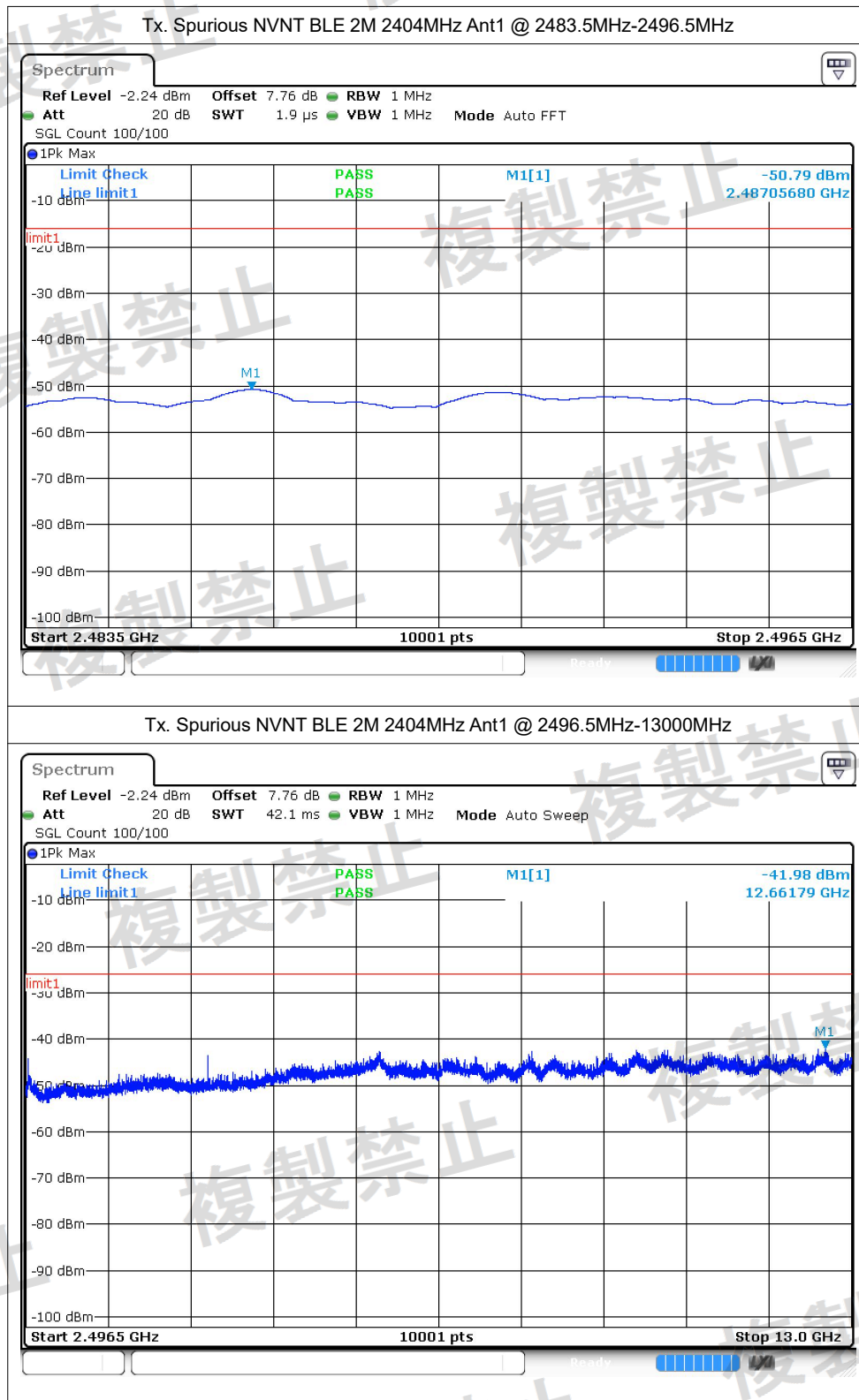


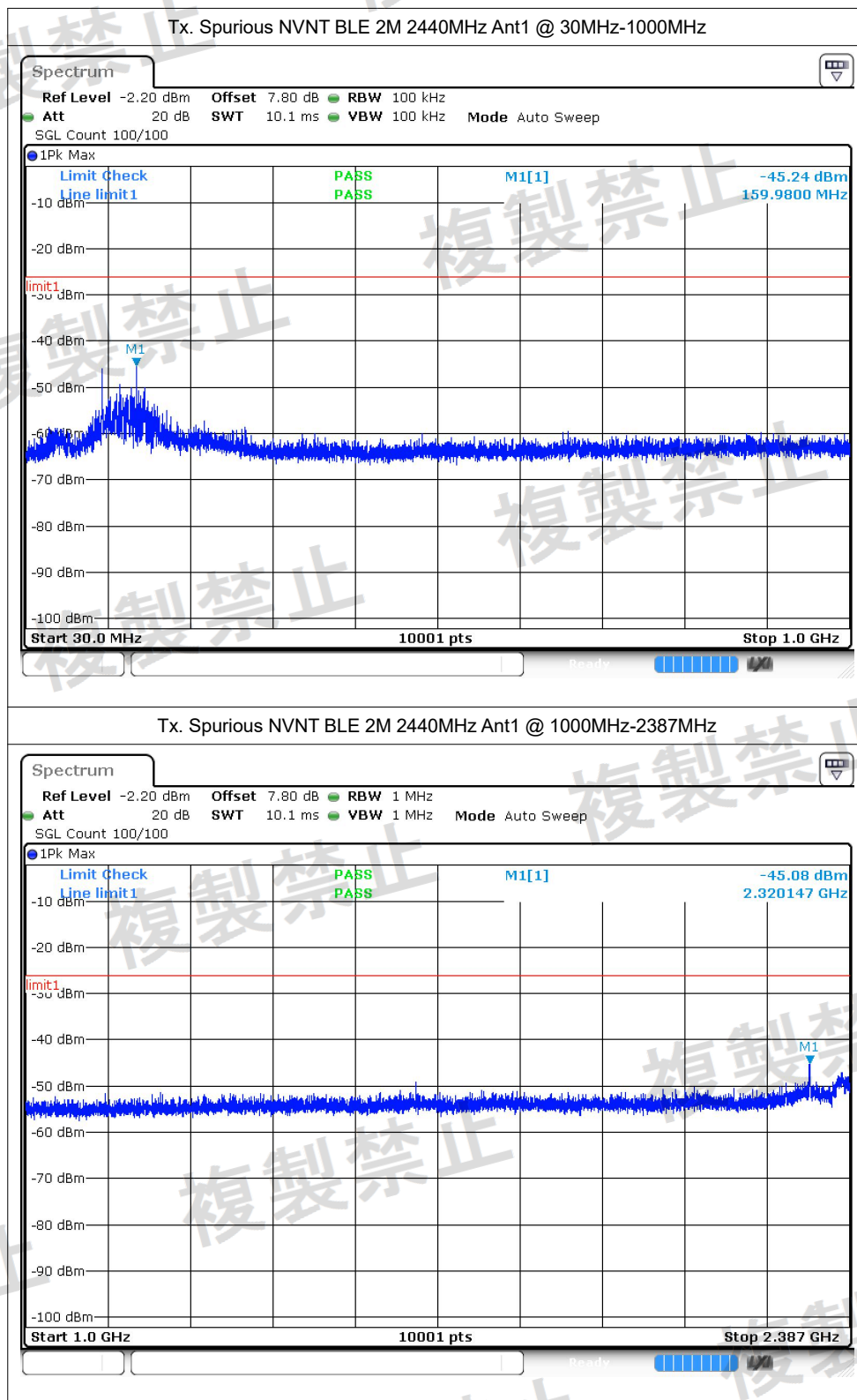


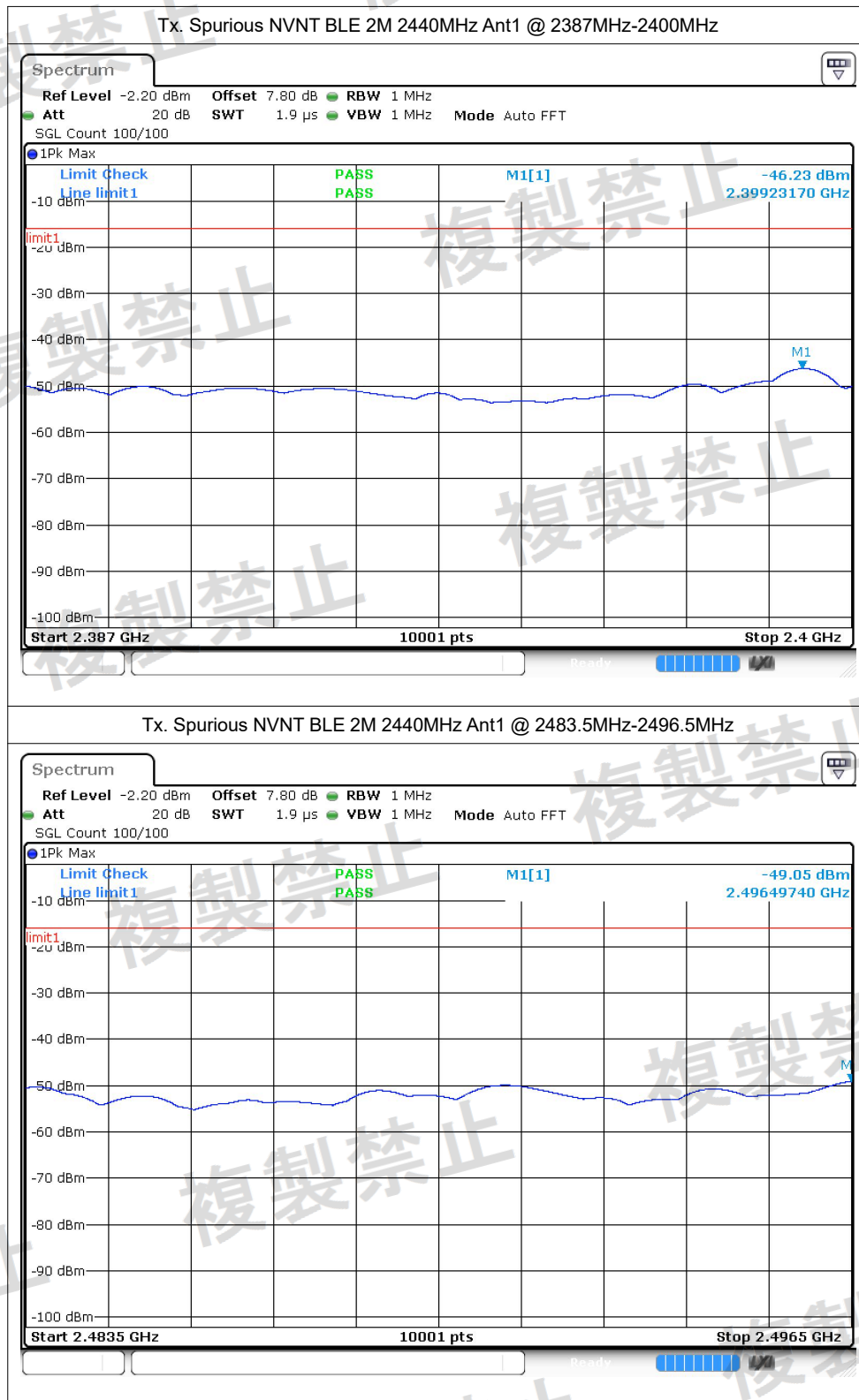


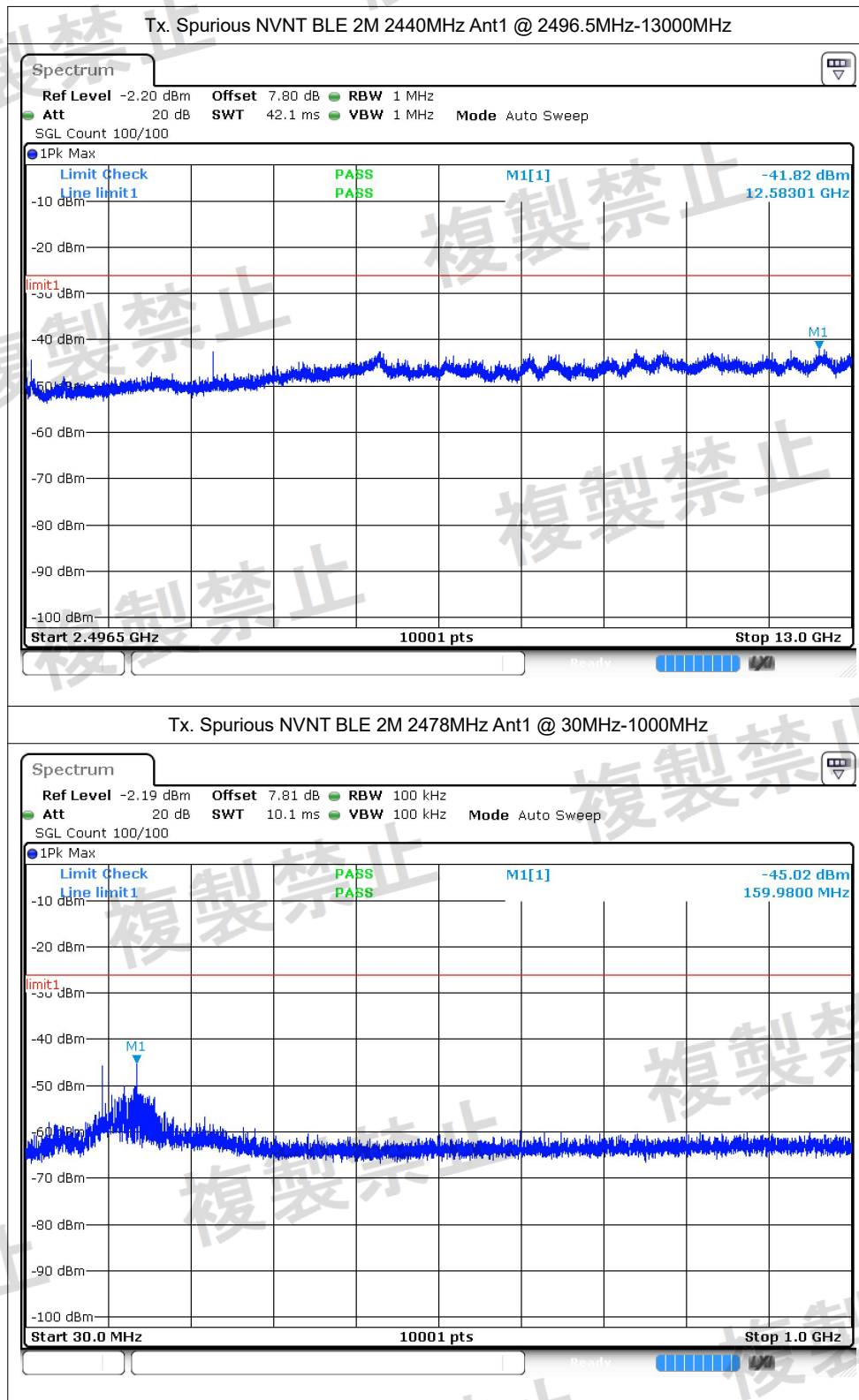


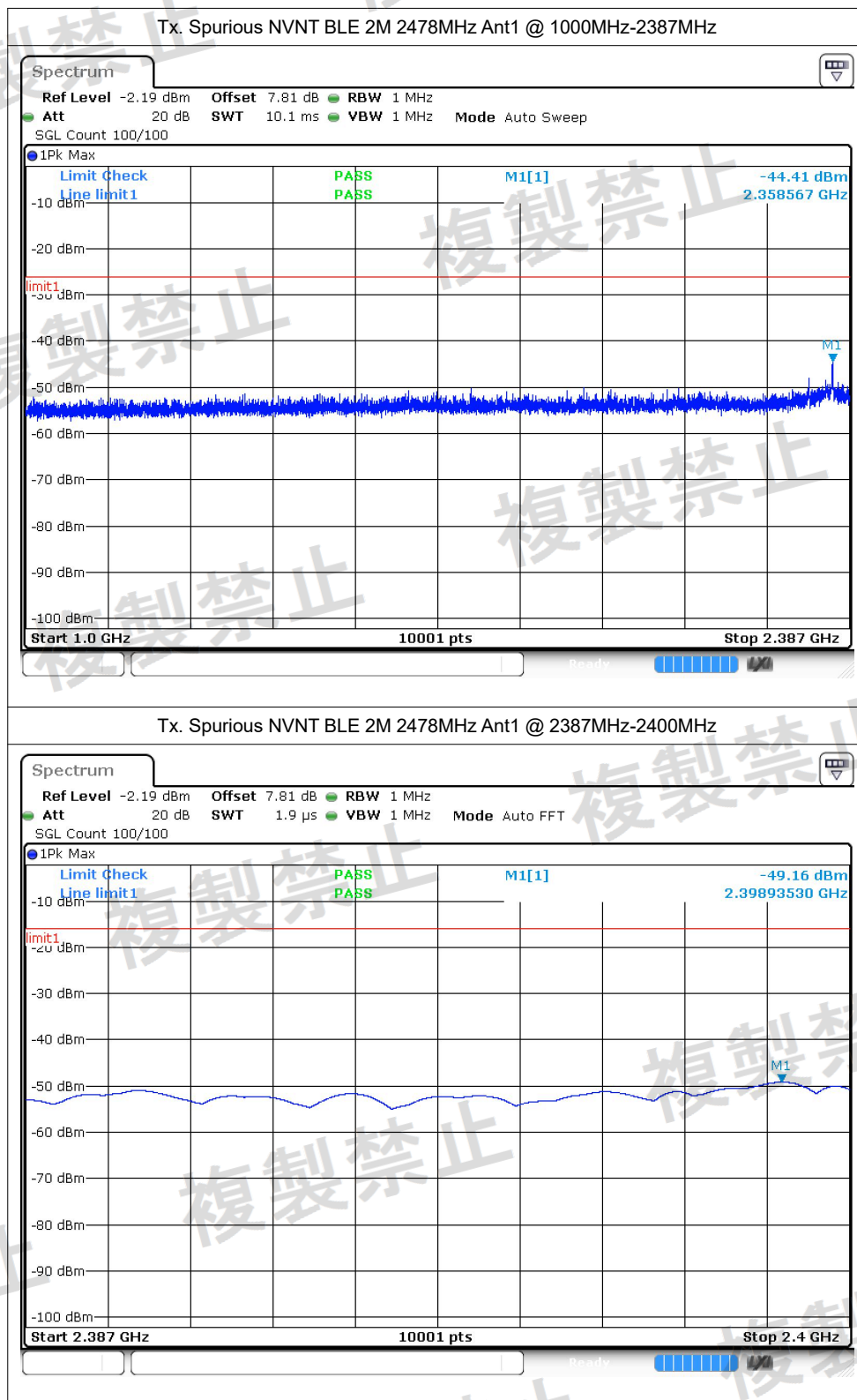


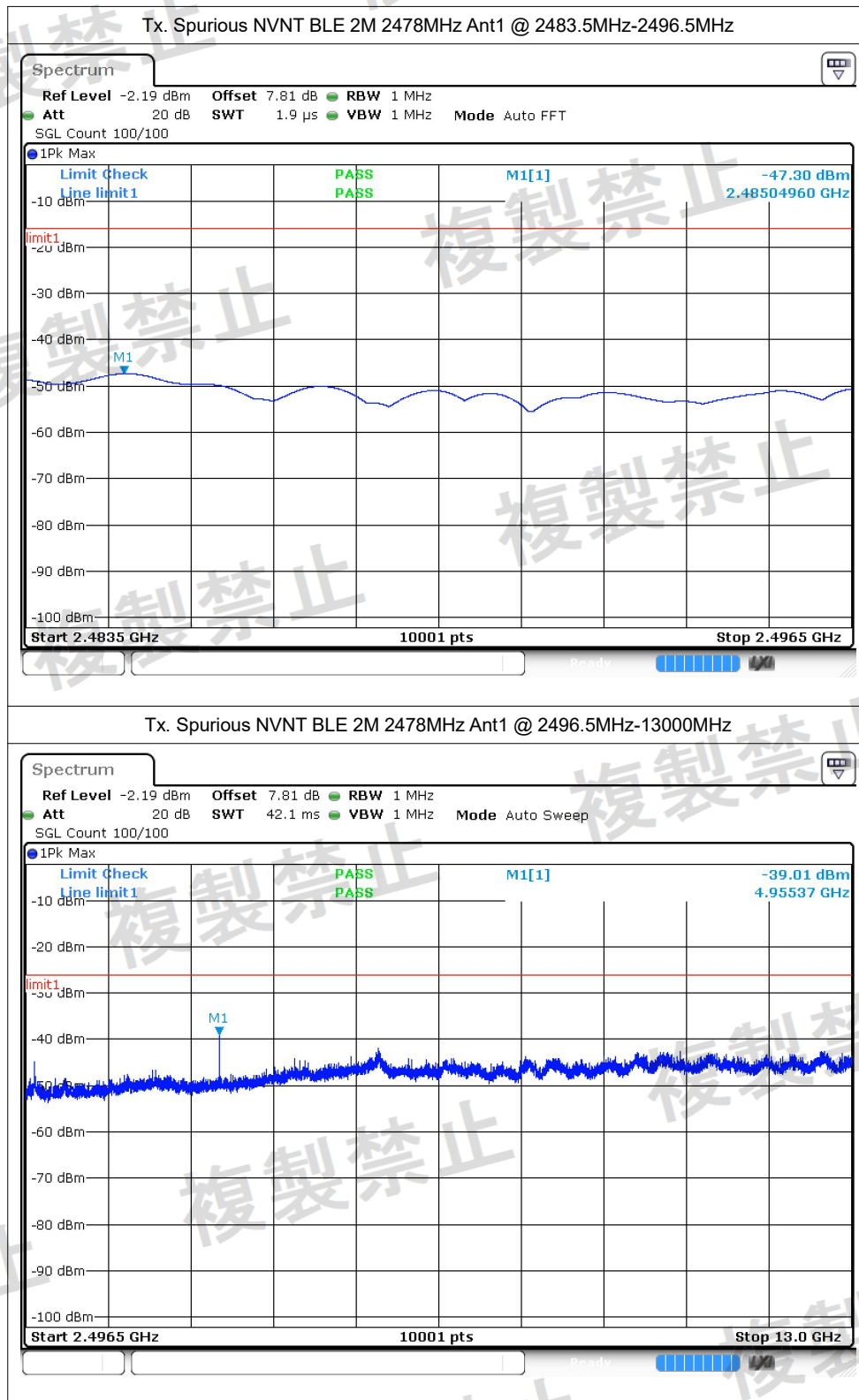












Rx Spurious Emission

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	-68.05	NA	0.1567	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	10610.40	-61.95	NA	0.6383	NA	20	Pass
NVNT	BLE 2M	2404	Ant1	30-1000	120.06	-67.84	NA	0.1644	NA	4	Pass
NVNT	BLE 2M	2404	Ant1	1000-13000	12283.10	-61.80	NA	0.6607	NA	20	Pass

