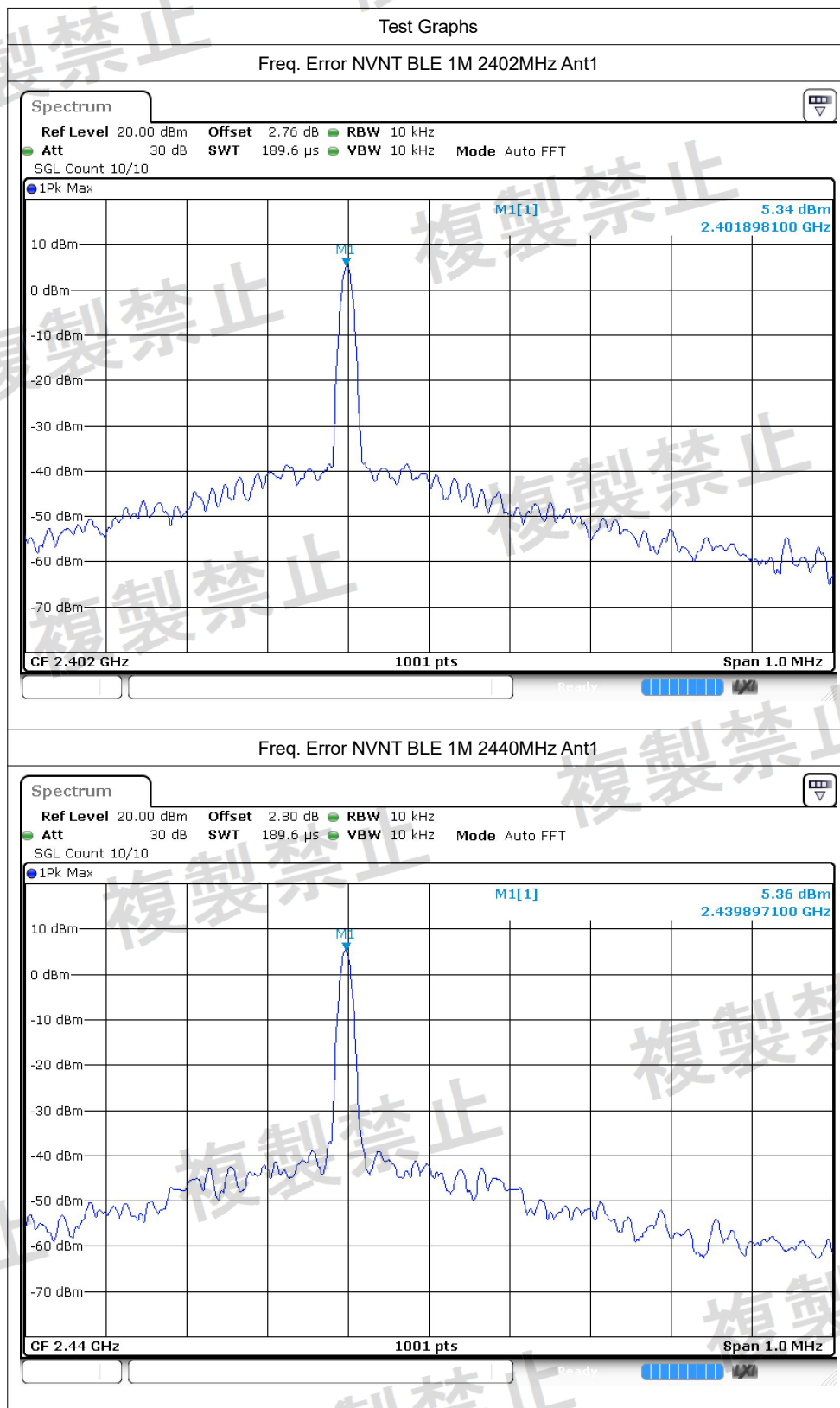
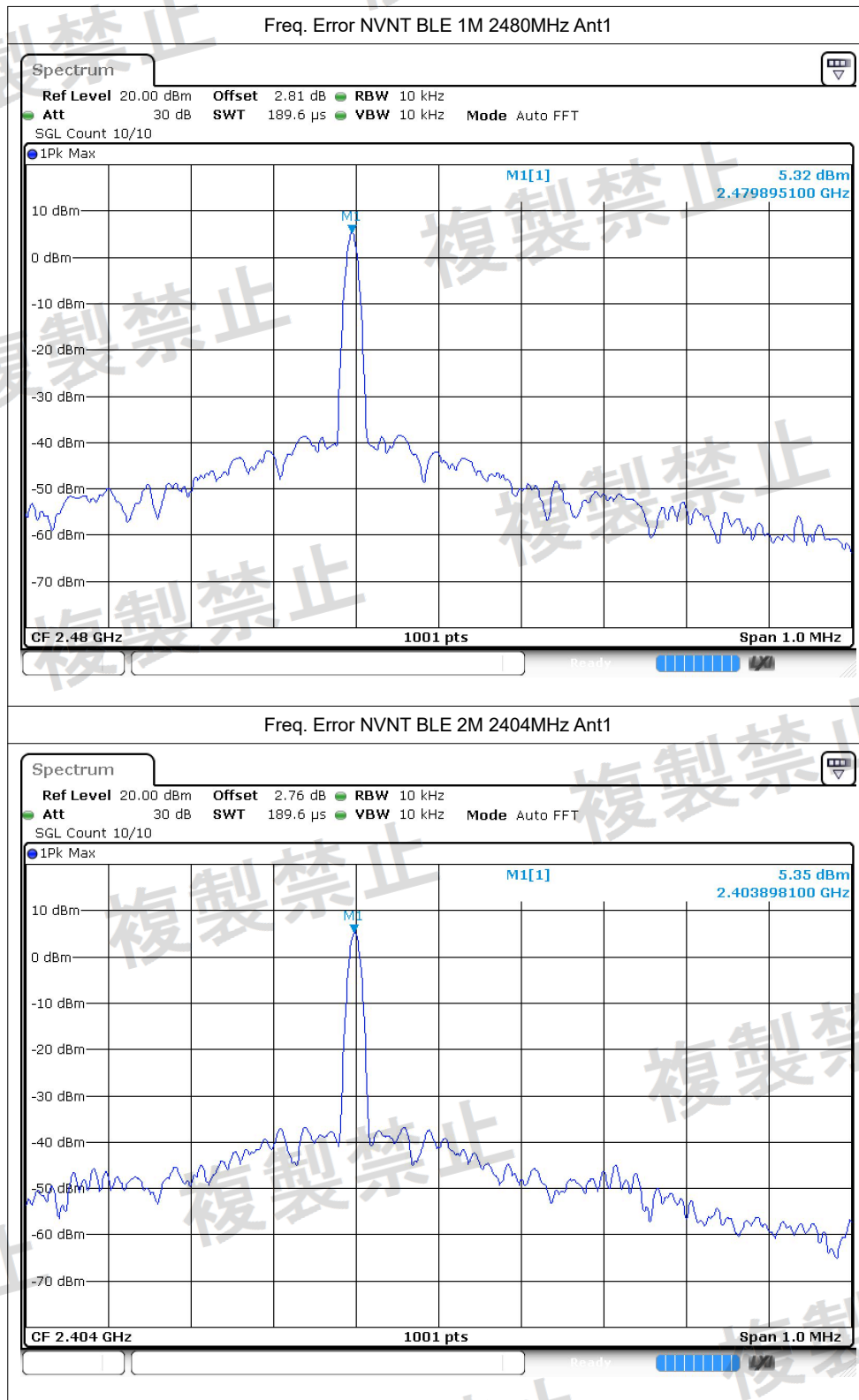


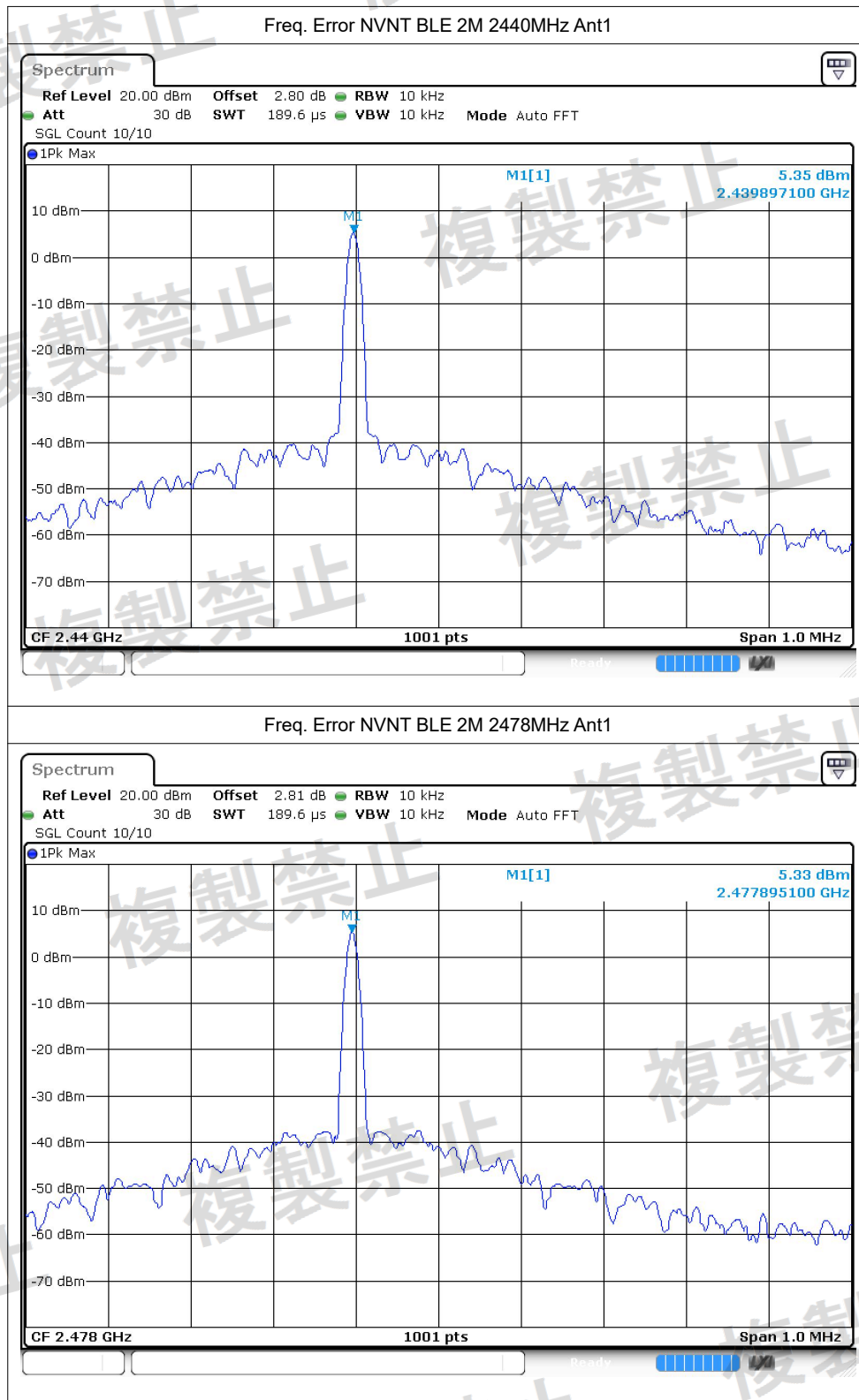
Appendix A(Normal Voltage)

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.8981	-101900	-42.42	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.8971	-102900	-42.17	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.8951	-104900	-42.3	50	Pass
NVNT	BLE 2M	2404	Ant1	2403.8981	-101900	-42.39	50	Pass
NVNT	BLE 2M	2440	Ant1	2439.8971	-102900	-42.17	50	Pass
NVNT	BLE 2M	2478	Ant1	2477.8951	-104900	-42.33	50	Pass









Antenna Power

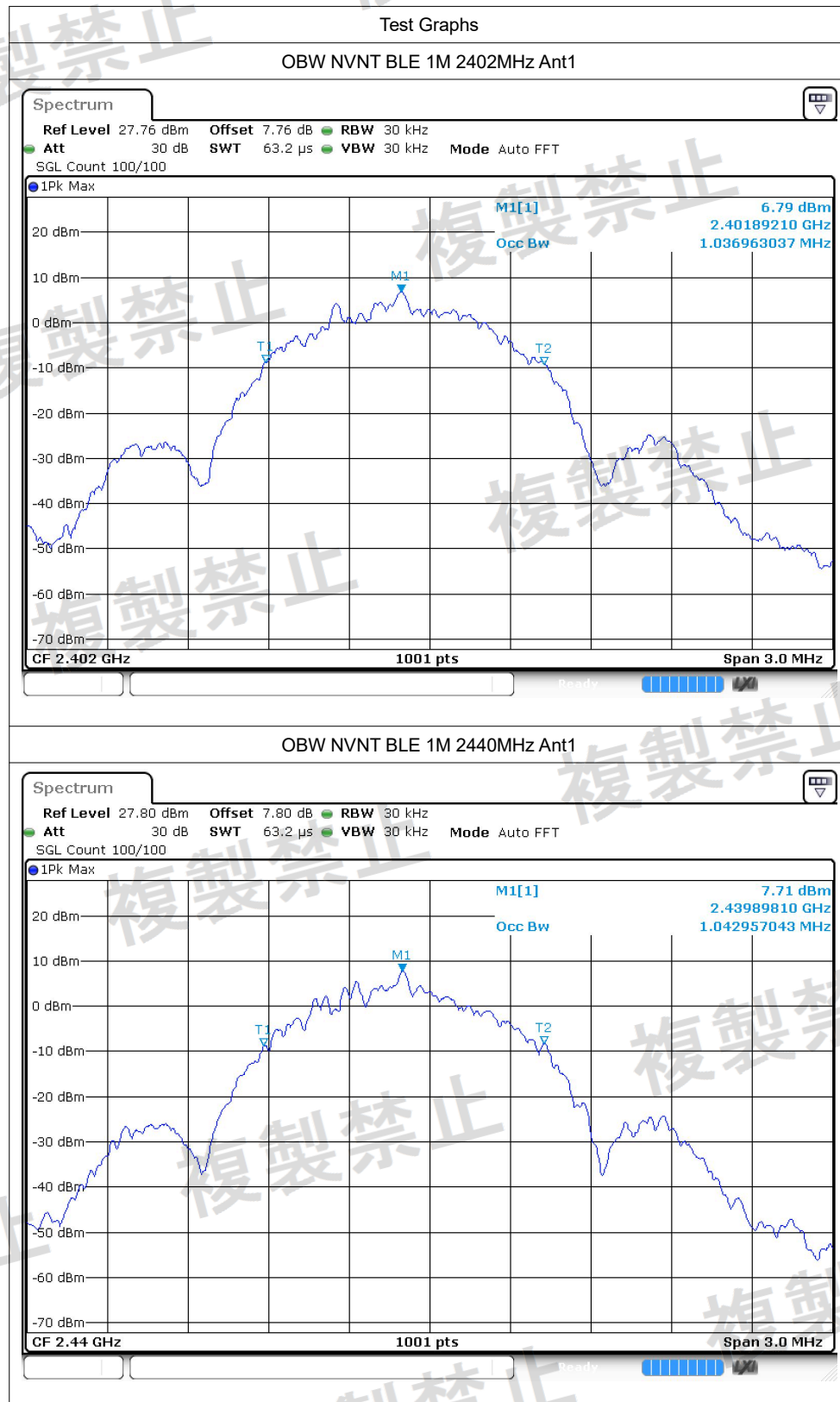
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	4.59	2.877	10	5	-42.46	20	Pass
NVNT	BLE 1M	2440	Ant1	4.76	2.992	10	5	-40.16	20	Pass
NVNT	BLE 1M	2480	Ant1	4.81	3.027	10	5	-39.46	20	Pass
NVNT	BLE 2M	2404	Ant1	4.49	2.812	10	5	-43.76	20	Pass
NVNT	BLE 2M	2440	Ant1	4.68	2.938	10	5	-41.24	20	Pass
NVNT	BLE 2M	2478	Ant1	4.71	2.958	10	5	-40.84	20	Pass

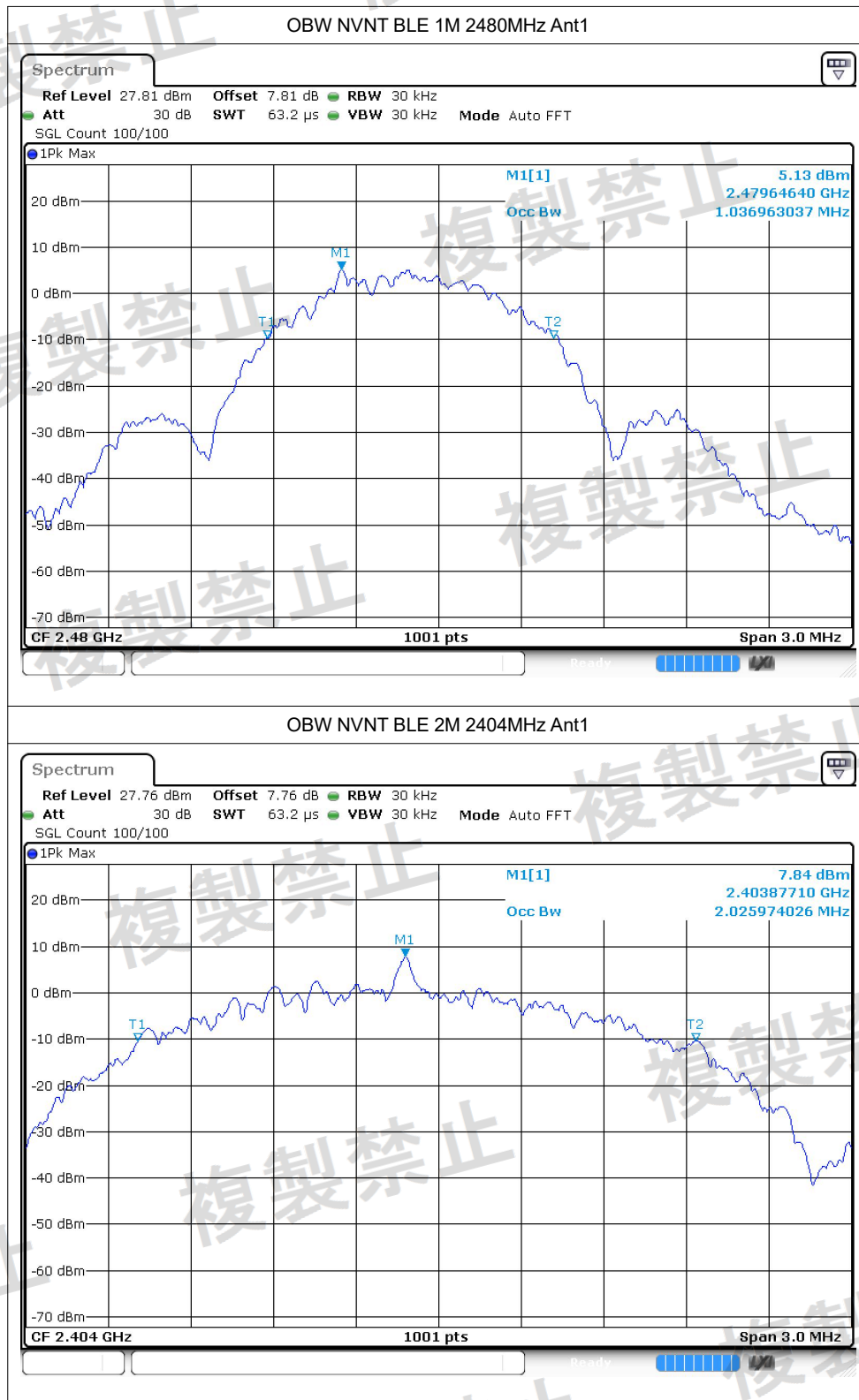
EIRP Power

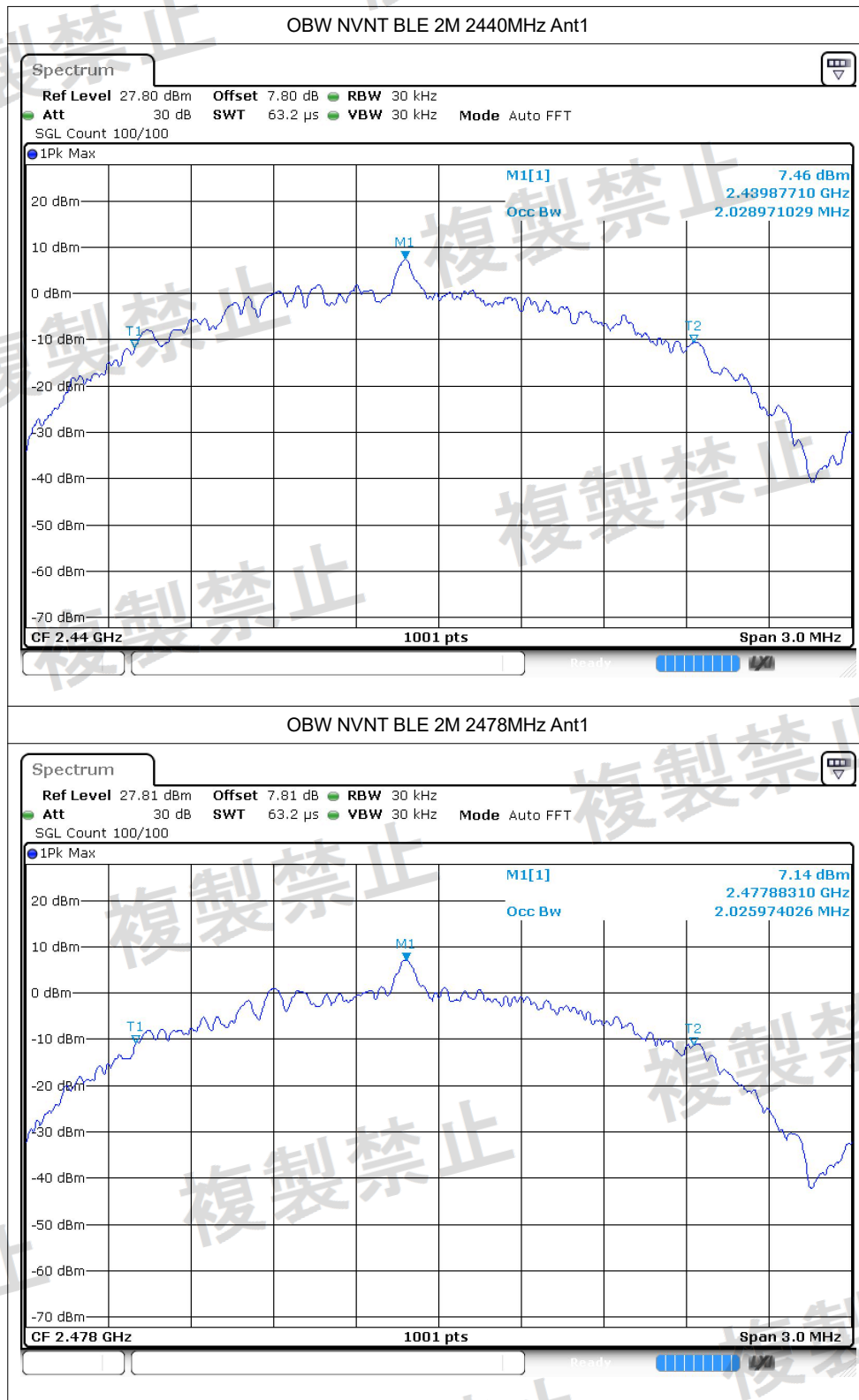
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	2.877	4.59	5	9.59	12.14	Pass
NVNT	BLE 1M	2440	Ant1	2.992	4.76	5	9.76	12.14	Pass
NVNT	BLE 1M	2480	Ant1	3.027	4.81	5	9.81	12.14	Pass
NVNT	BLE 2M	2404	Ant1	2.812	4.49	5	9.49	12.14	Pass
NVNT	BLE 2M	2440	Ant1	2.938	4.68	5	9.68	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	1.037
NVNT	BLE 1M	2440	Ant1	1.043
NVNT	BLE 1M	2480	Ant1	1.037
NVNT	BLE 2M	2404	Ant1	2.026
NVNT	BLE 2M	2440	Ant1	2.029
NVNT	BLE 2M	2478	Ant1	2.026

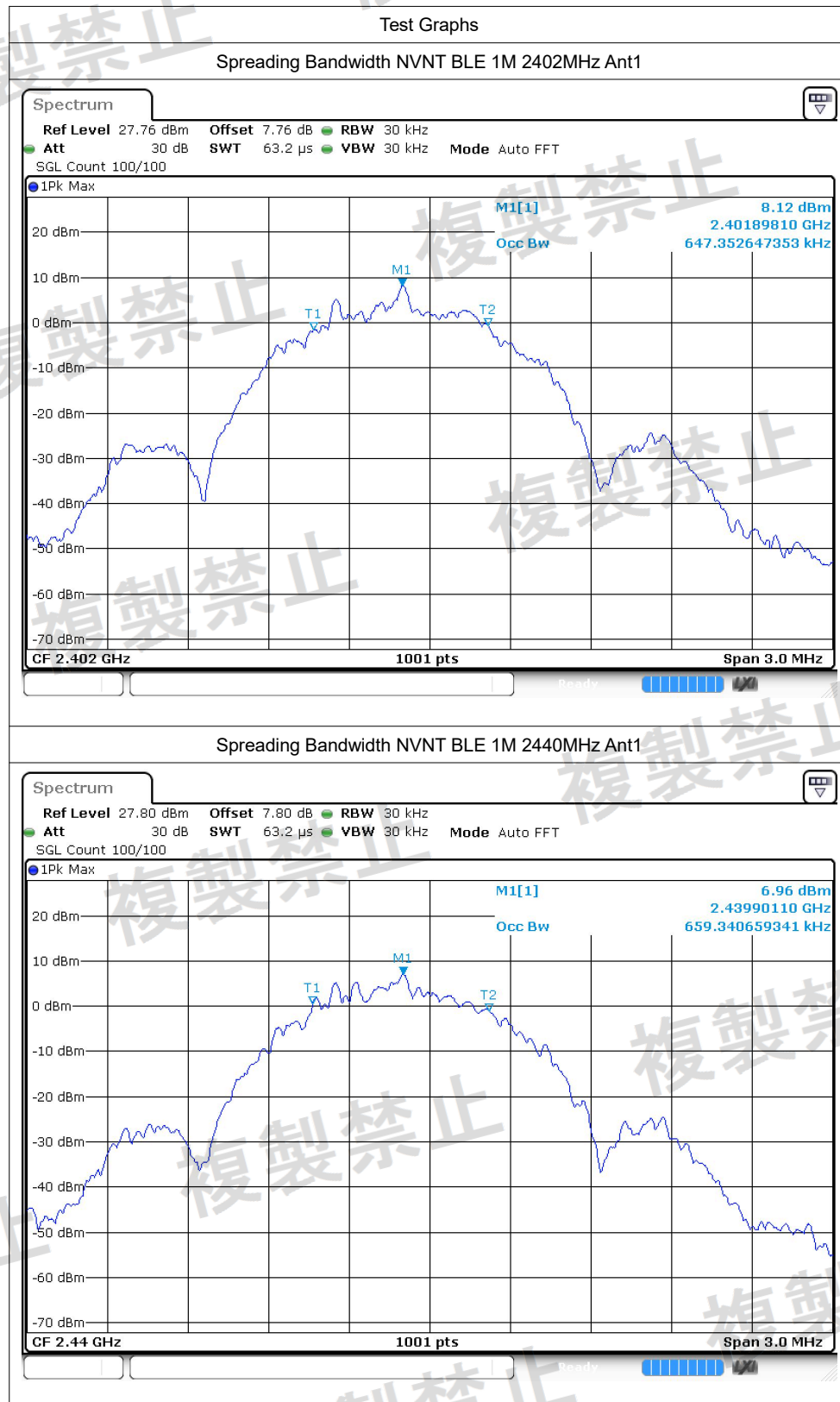


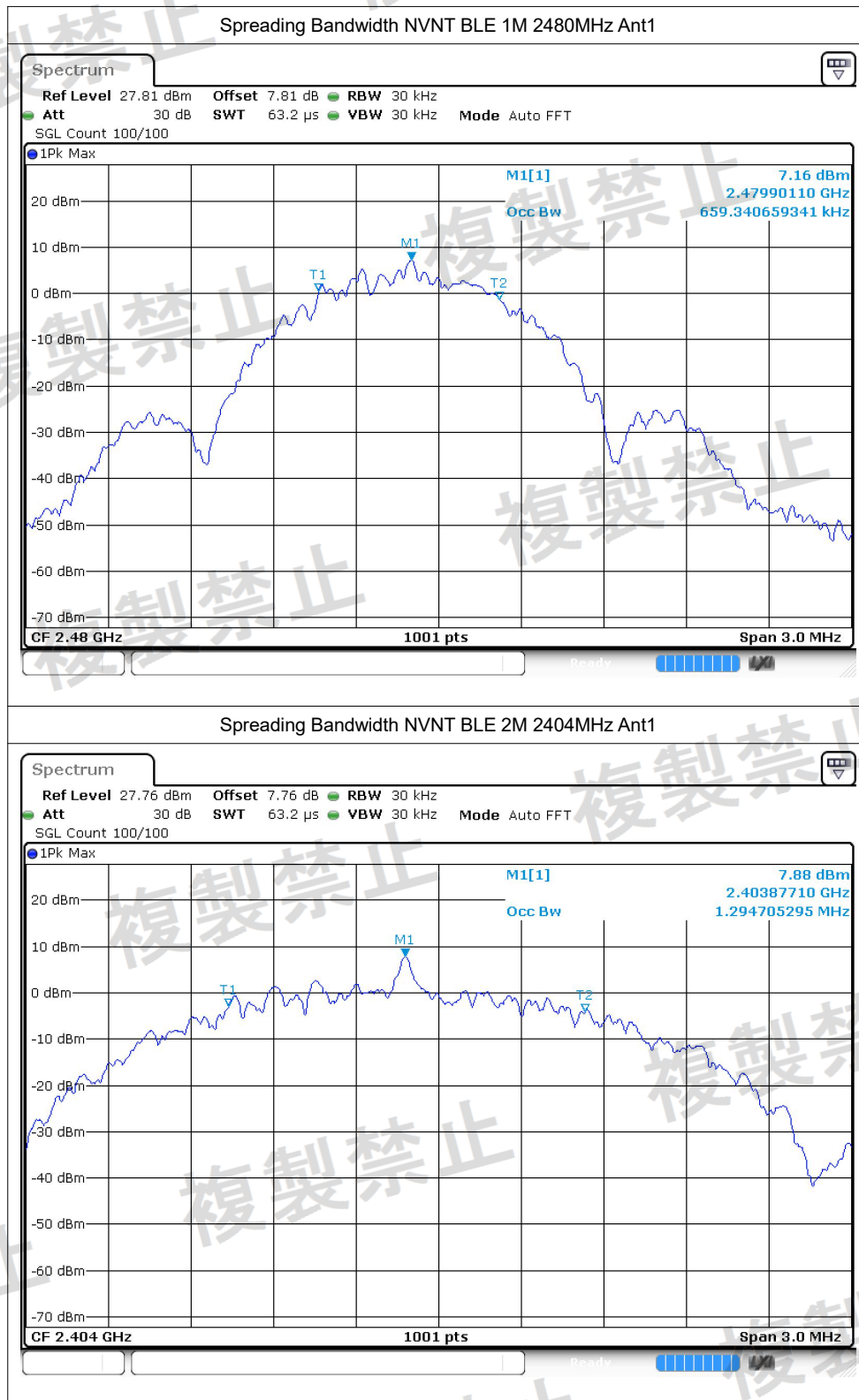


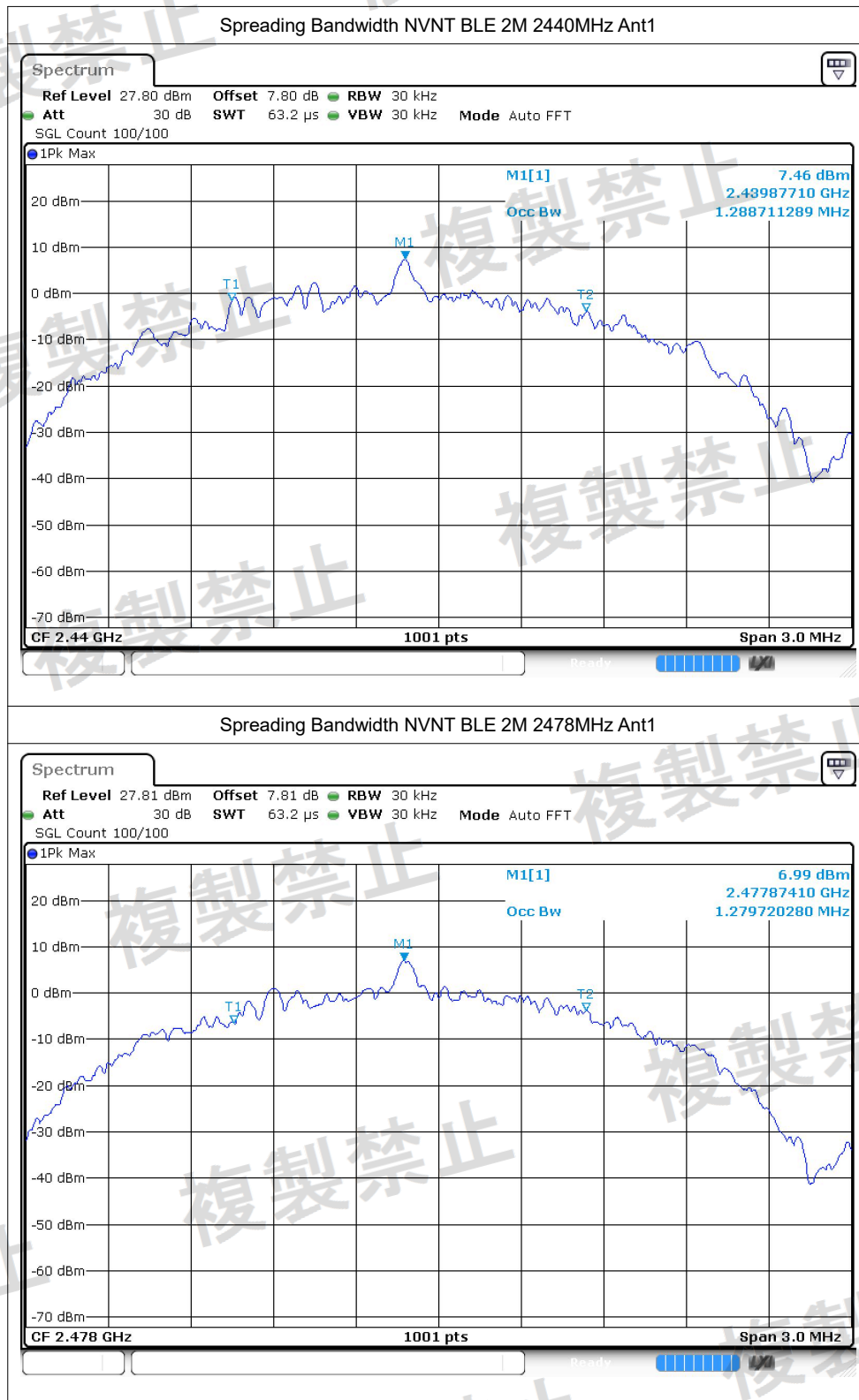


Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.647	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.659	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.659	0.5	Pass
NVNT	BLE 2M	2404	Ant1	1.295	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.289	0.5	Pass
NVNT	BLE 2M	2478	Ant1	1.28	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	-33.63	NA	0.4335	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2282.56	-44.98	NA	0.0318	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2400.00	-24.40	NA	3.6308	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2487.04	-50.63	NA	0.0086	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	3518.49	-35.45	NA	0.2851	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	159.98	-33.10	NA	0.4898	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2320.15	-44.27	NA	0.0374	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2399.63	-49.06	NA	0.0124	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2495.68	-48.73	NA	0.0134	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	6999.35	-40.25	NA	0.0944	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	159.98	-33.88	NA	0.4093	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2359.95	-43.77	NA	0.042	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2399.66	-50.90	NA	0.0081	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.50	-47.99	NA	0.0159	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	4958.52	-38.03	NA	0.1574	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	30-1000	159.98	-35.12	NA	0.3076	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	1000-2387	2283.53	-43.44	NA	0.0453	NA	2.5	2.5	Pass
NVNT	BLE 2M	2404	Ant1	2387-2400	2400.00	-47.65	NA	0.0172	NA	25	25	Pass
NVNT	BLE 2M	2404	Ant1	2483.5-2496.5	2494.93	-50.47	NA	0.009	NA	25	25	Pass

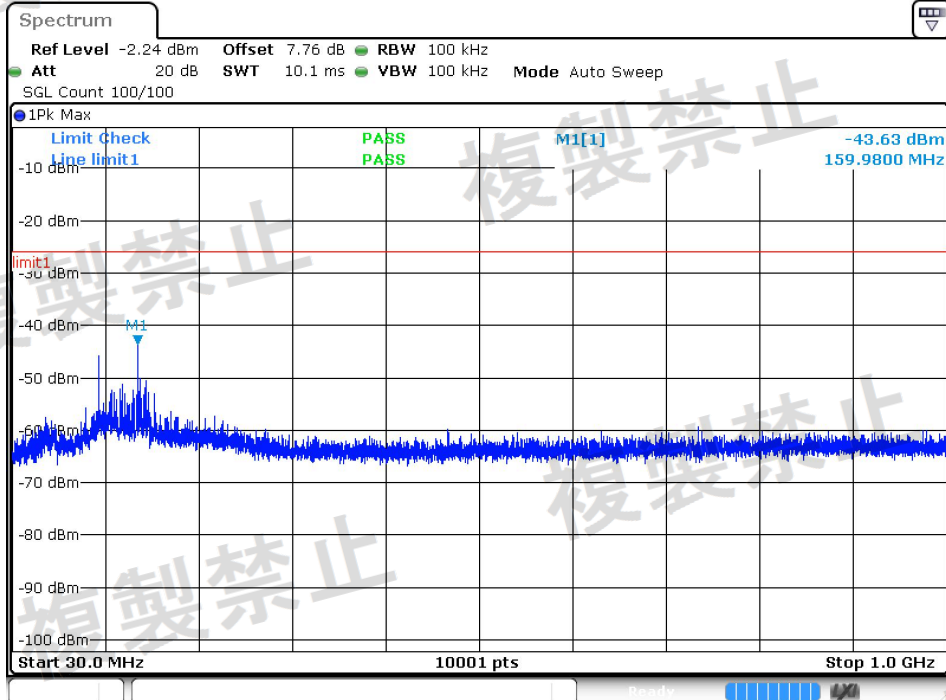
NVNT	BLE 2M	2404	Ant1	2496.5-13000	3501.68	-34.23	NA	0.3776	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	159.98	-34.98	NA	0.3177	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2320.70	-44.88	NA	0.0325	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2399.39	-49.36	NA	0.0116	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496.5	2492.19	-48.37	NA	0.0146	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-13000	12245.85	-41.19	NA	0.076	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	30-1000	159.98	-35.23	NA	0.2999	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	1000-2387	2358.01	-44.31	NA	0.0371	NA	2.5	2.5	Pass
NVNT	BLE 2M	2478	Ant1	2387-2400	2389.16	-48.31	NA	0.0148	NA	25	25	Pass
NVNT	BLE 2M	2478	Ant1	2483.5-2496.5	2483.79	-49.78	NA	0.0105	NA	25	25	Pass
NVNT	BLE 2M	2478	Ant1	2496.5-13000	4955.37	-38.03	NA	0.1574	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.

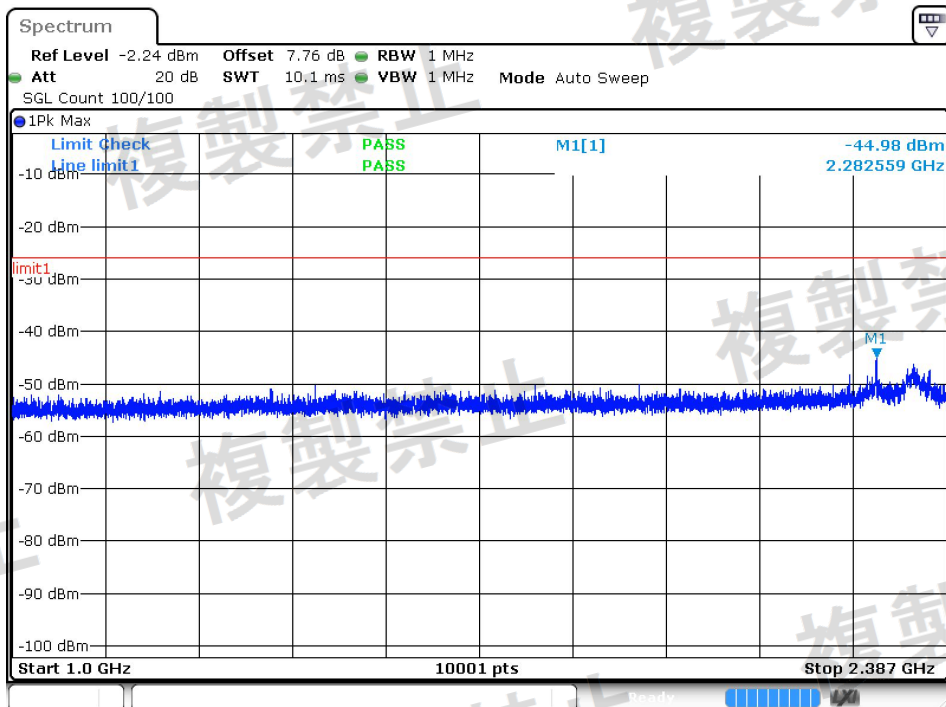
Value(dBm/1MHz) = Measurement(dBm/100kHz) + 10*log(1MHz/100KHz)

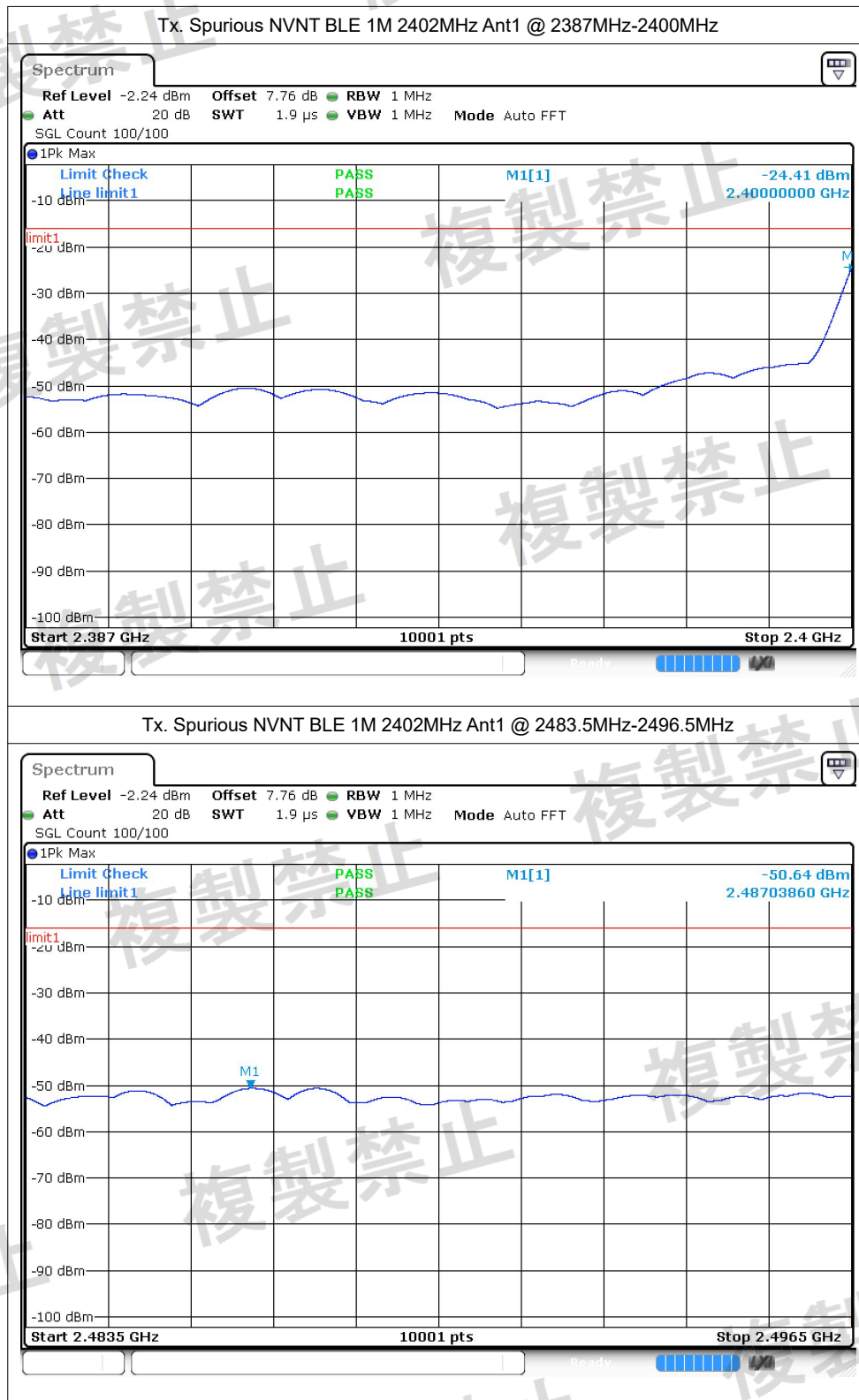
Test Graphs

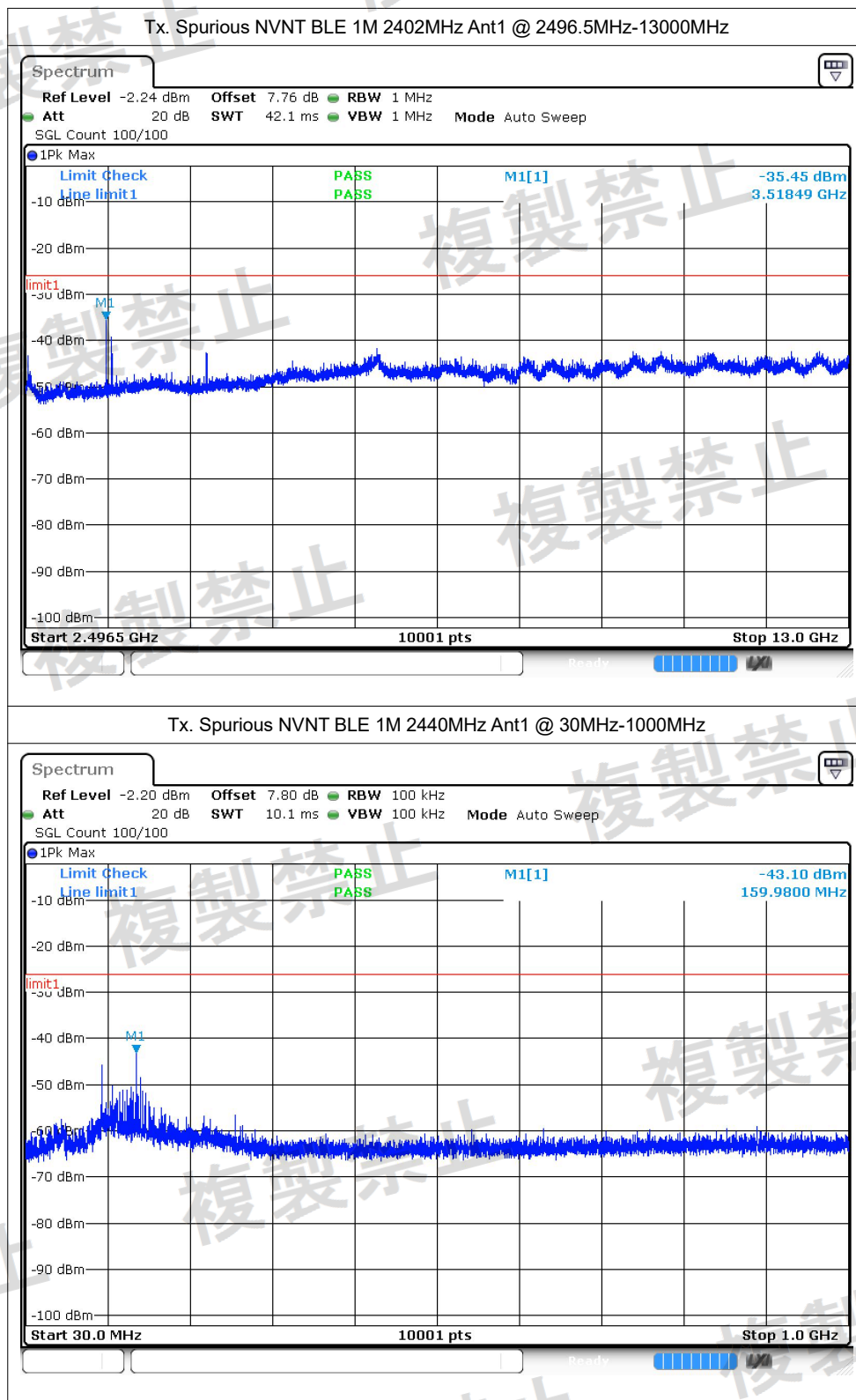
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz

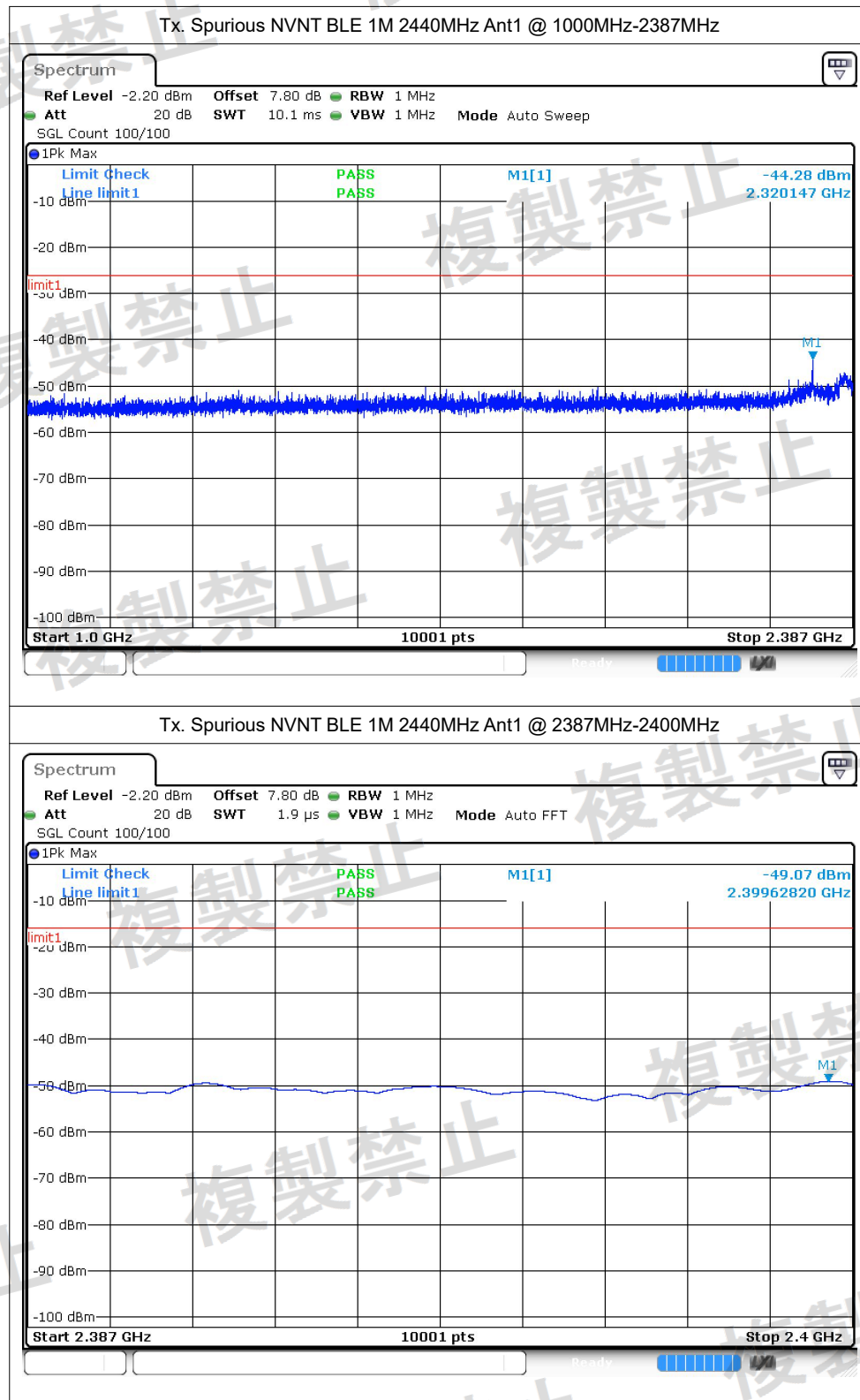


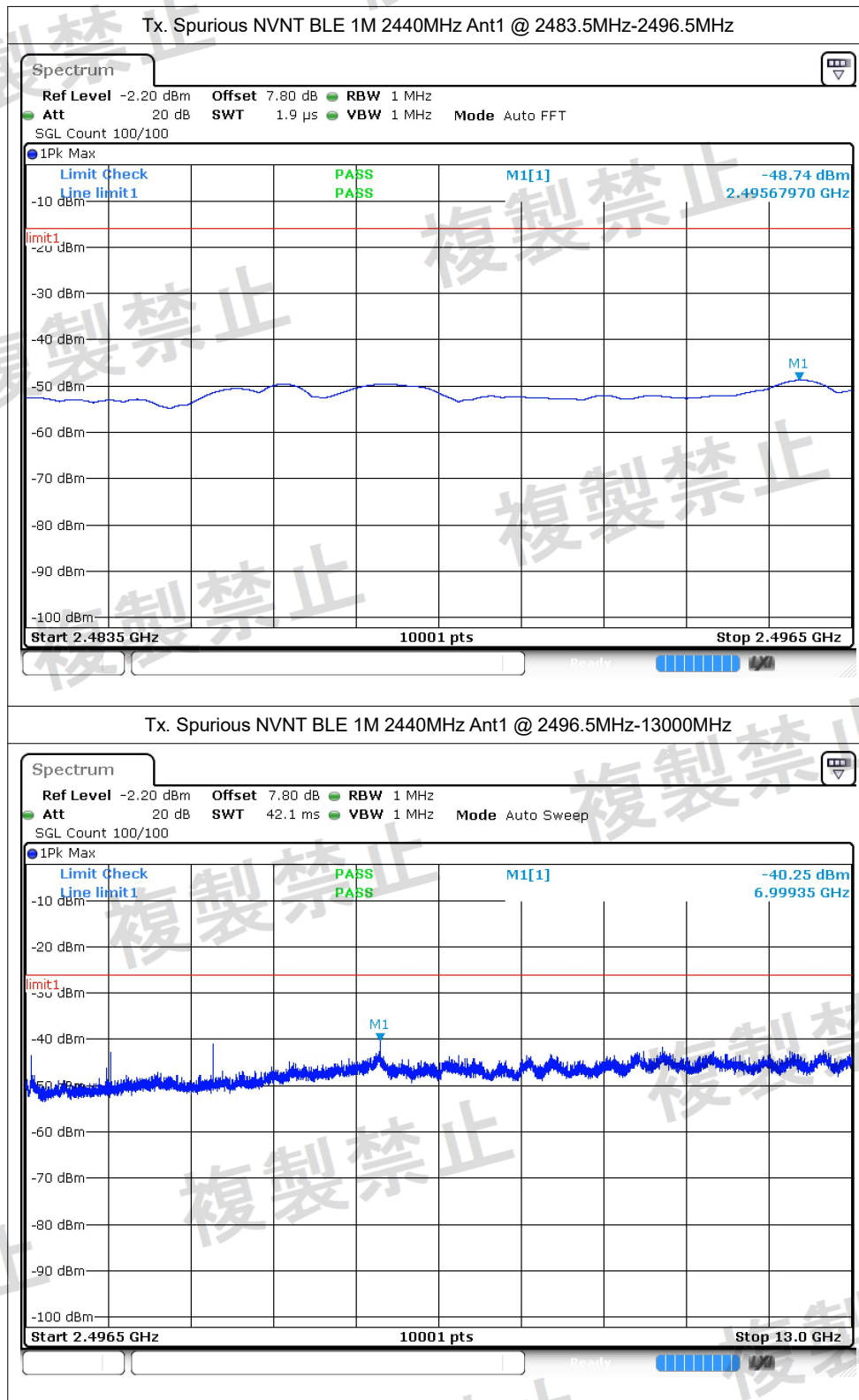
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-2387MHz

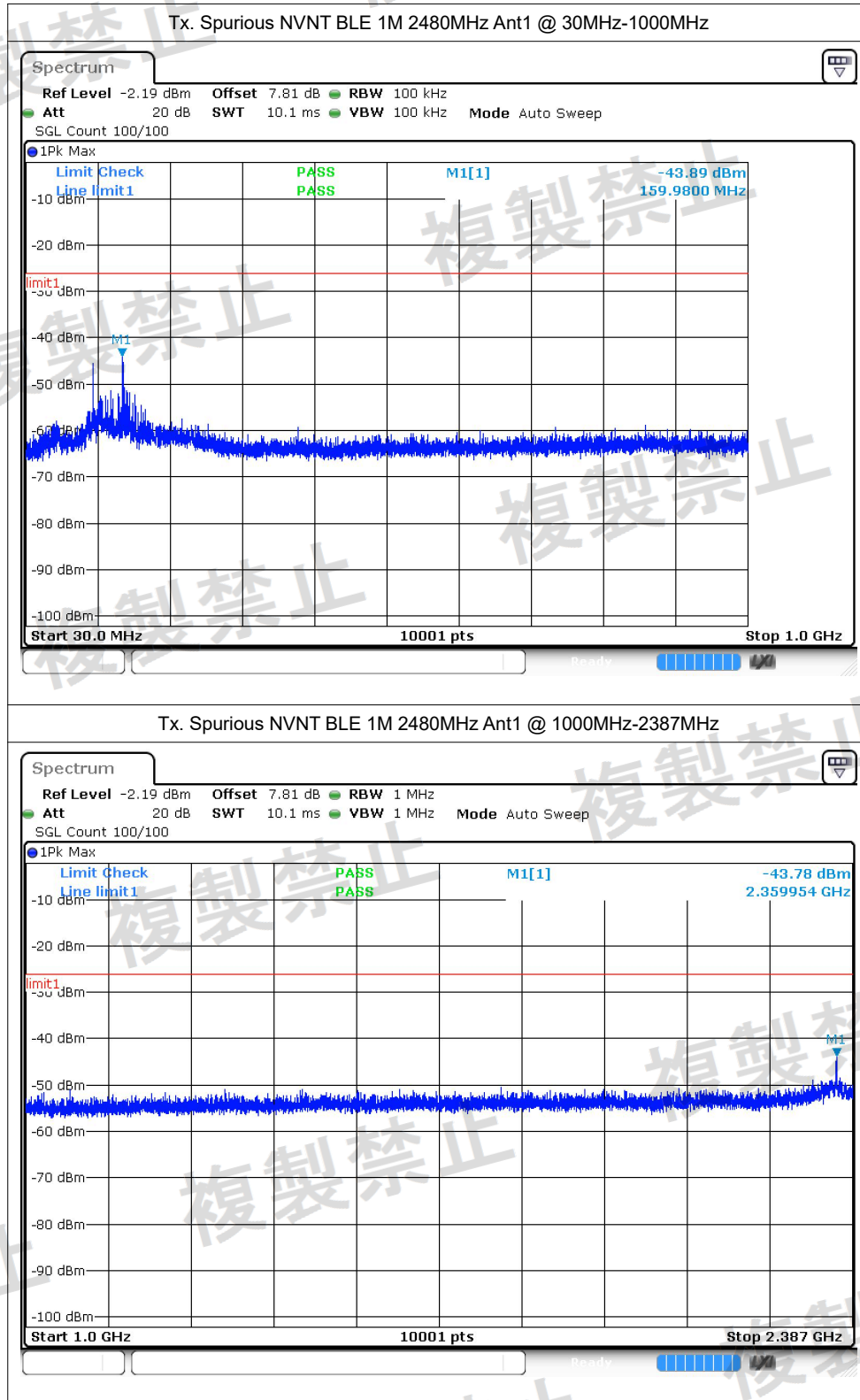


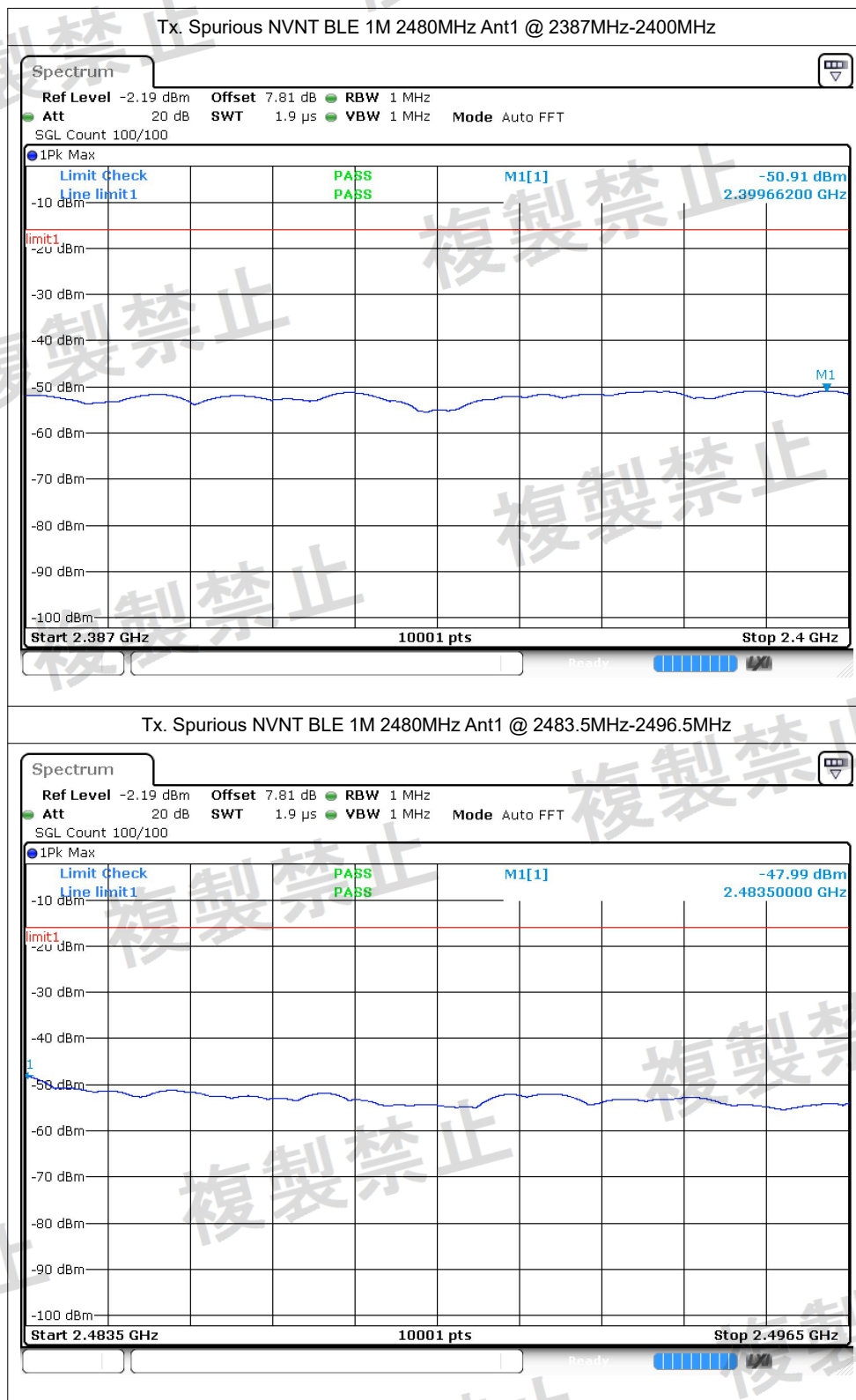


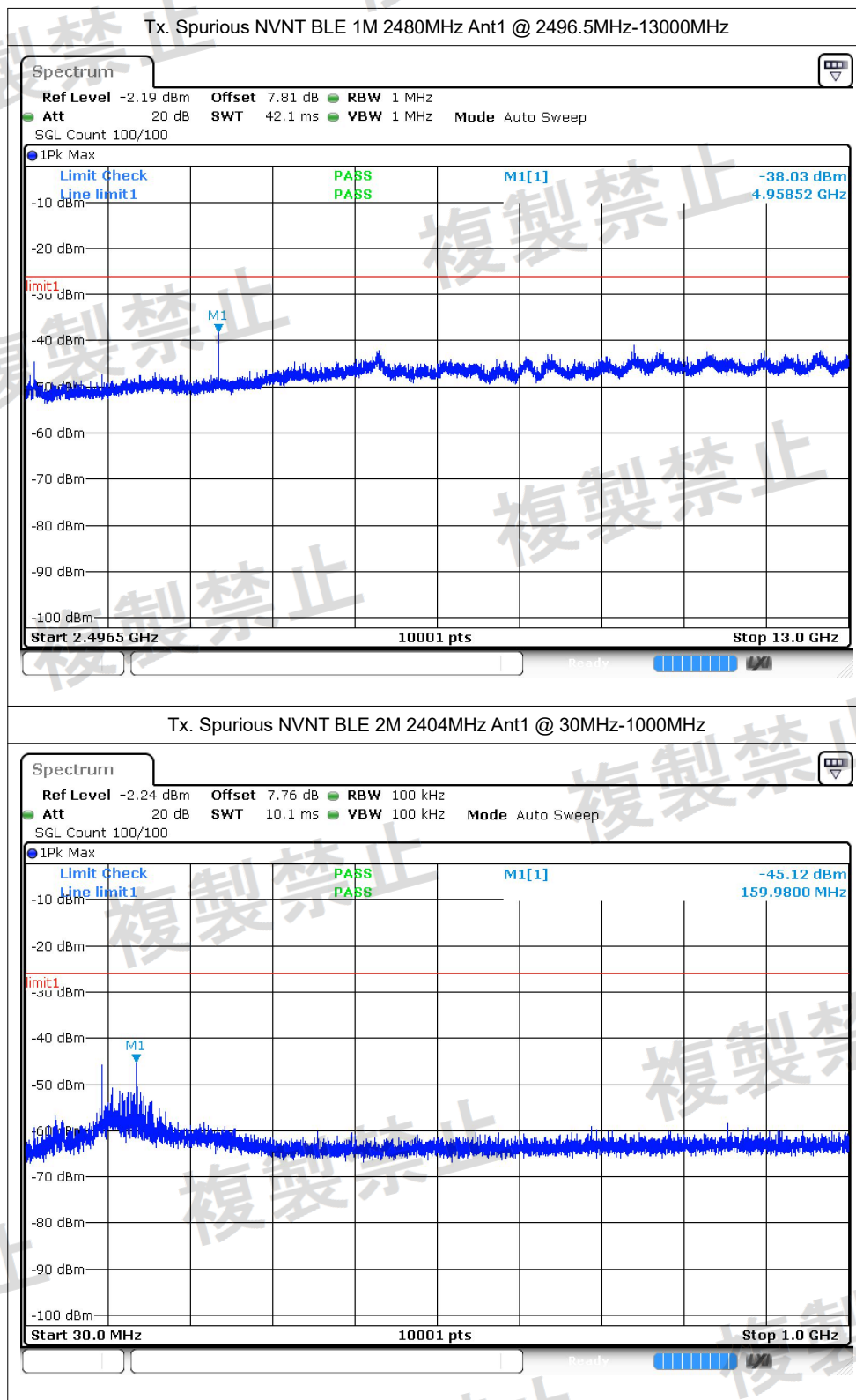


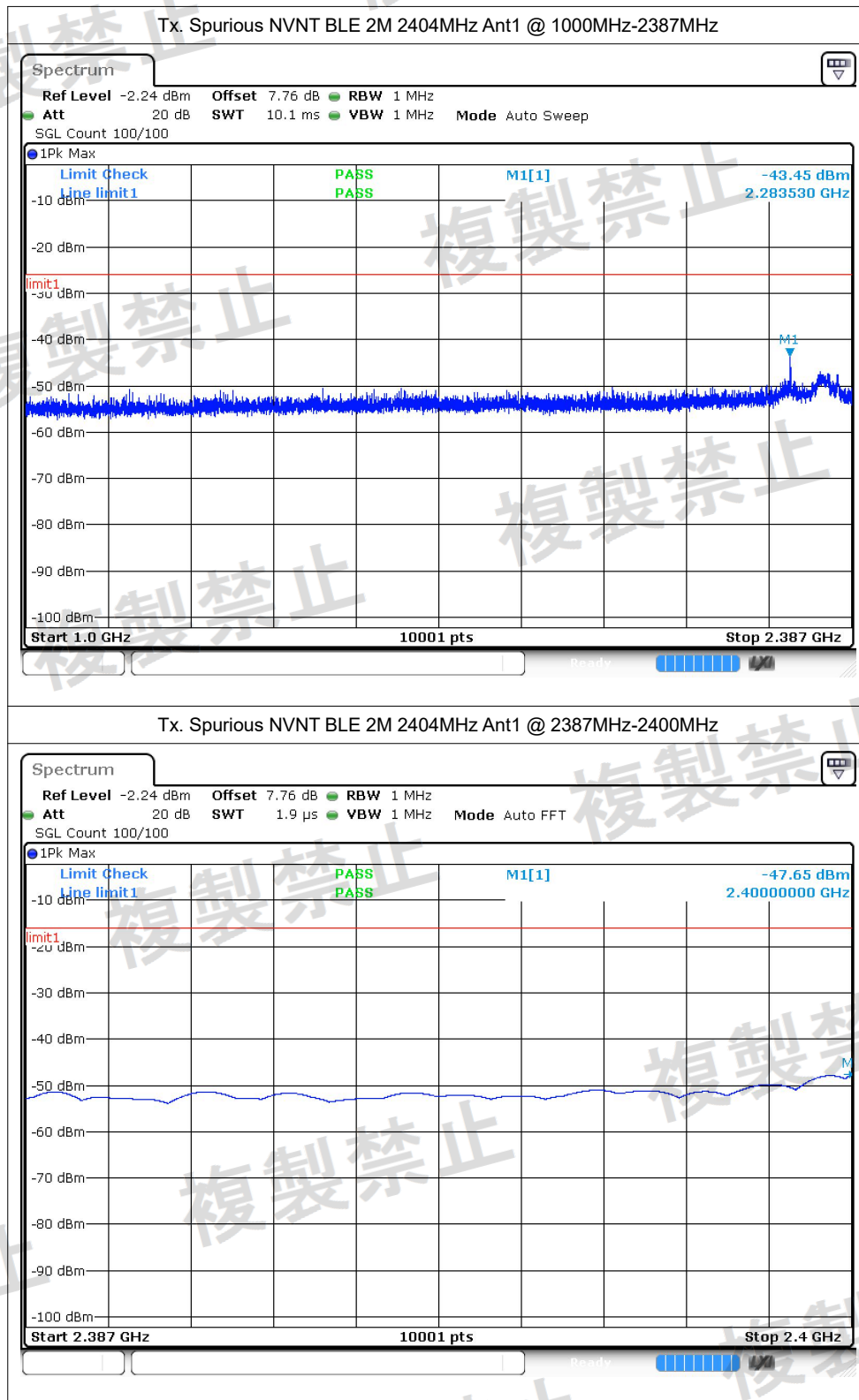


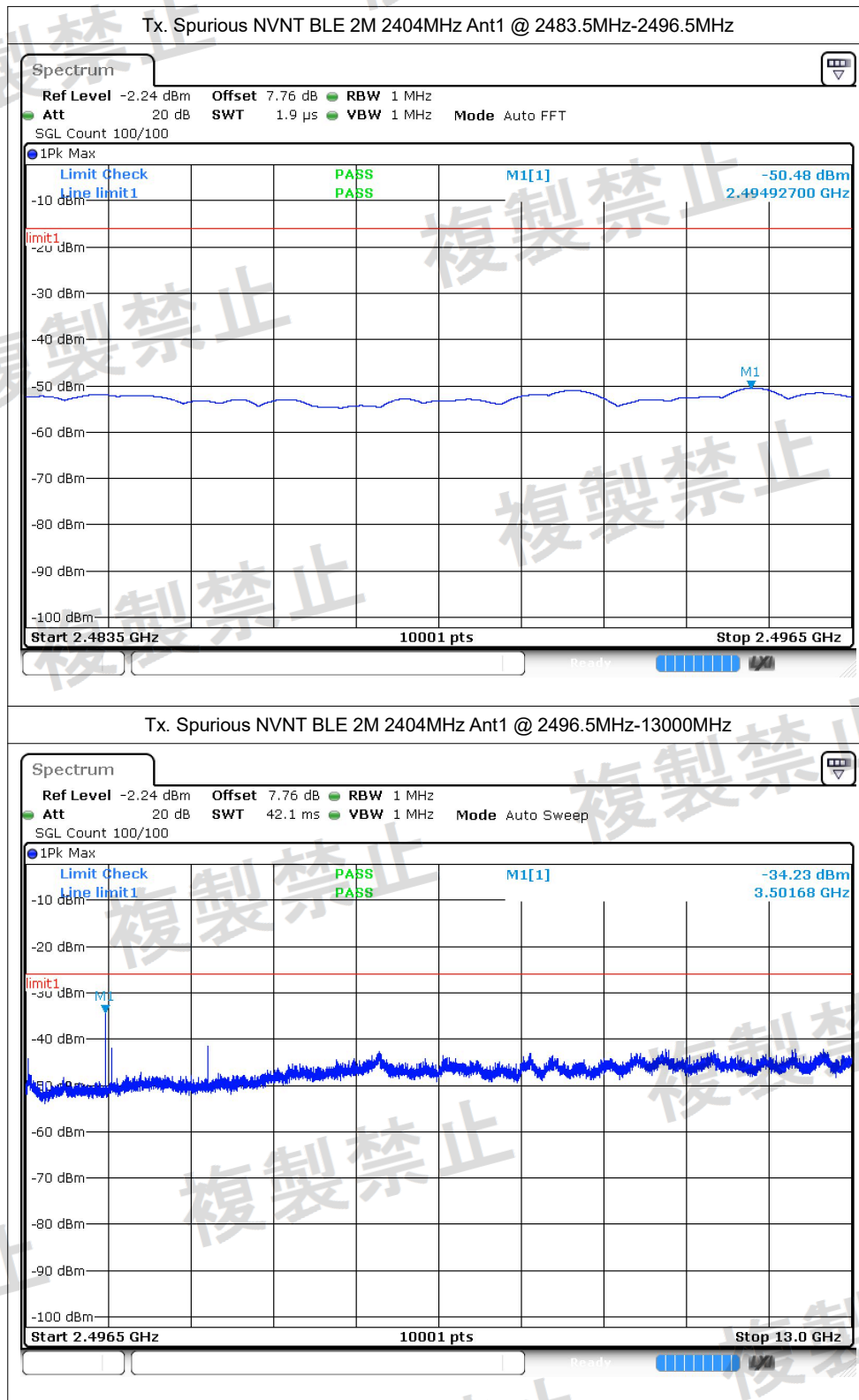


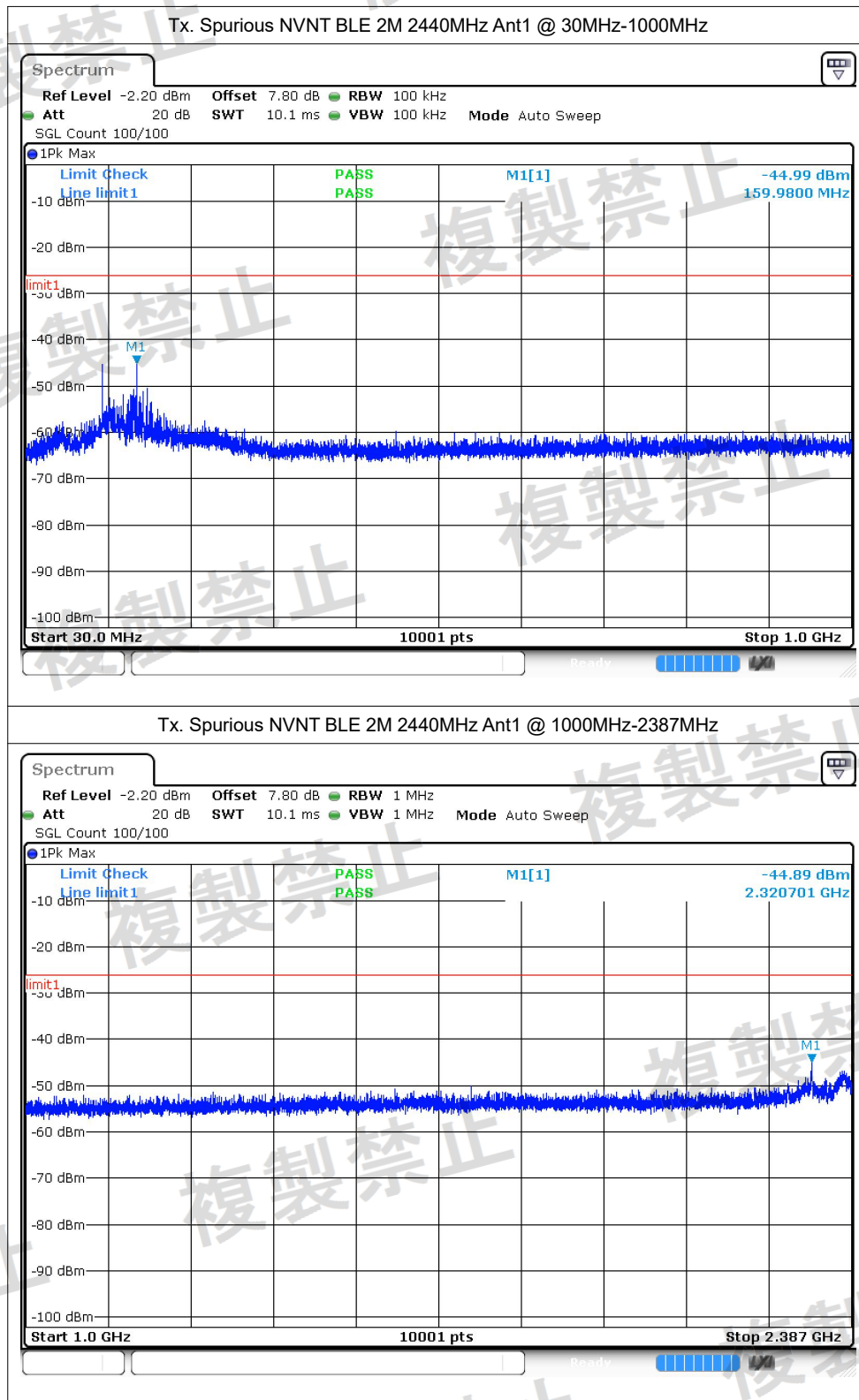


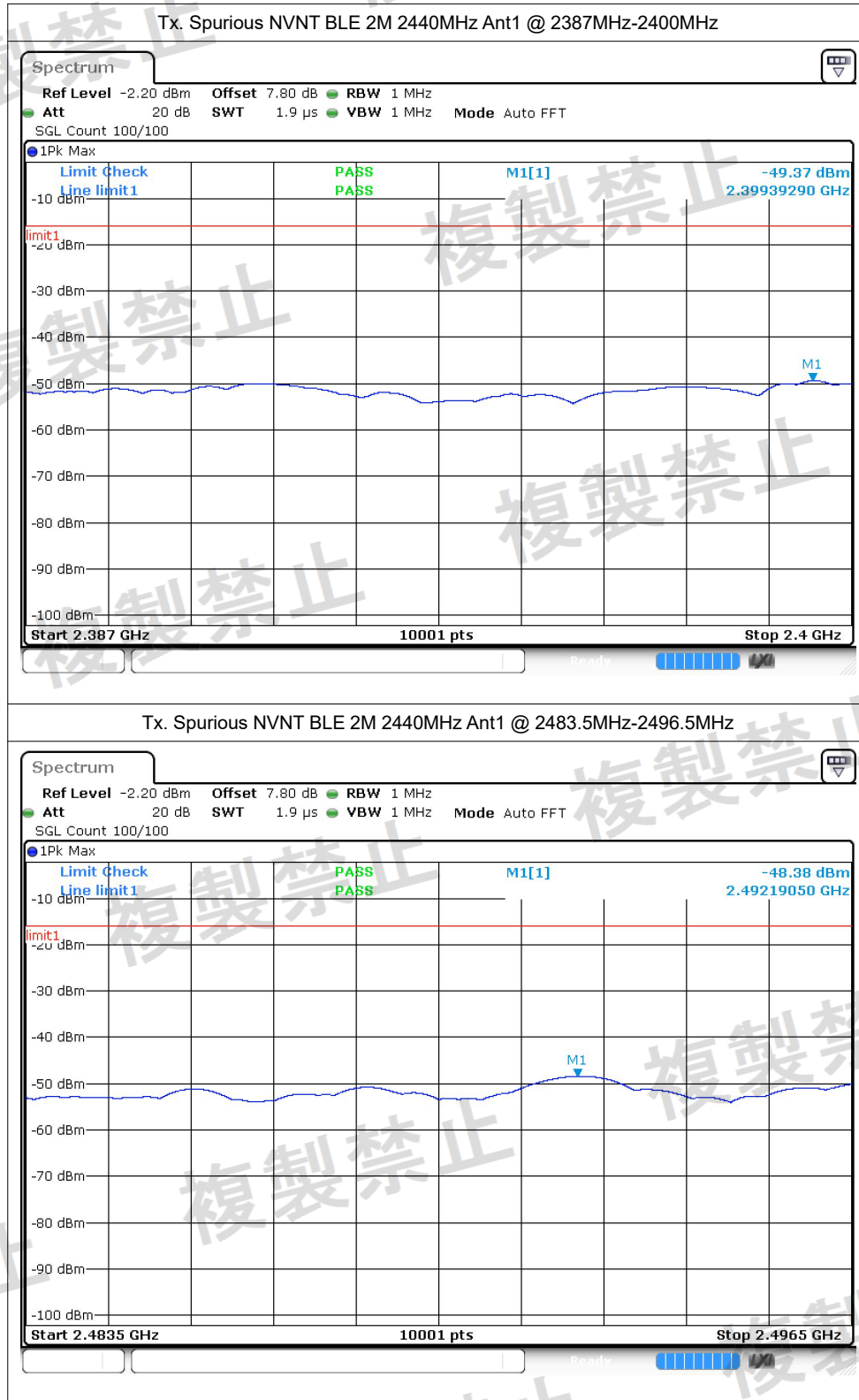


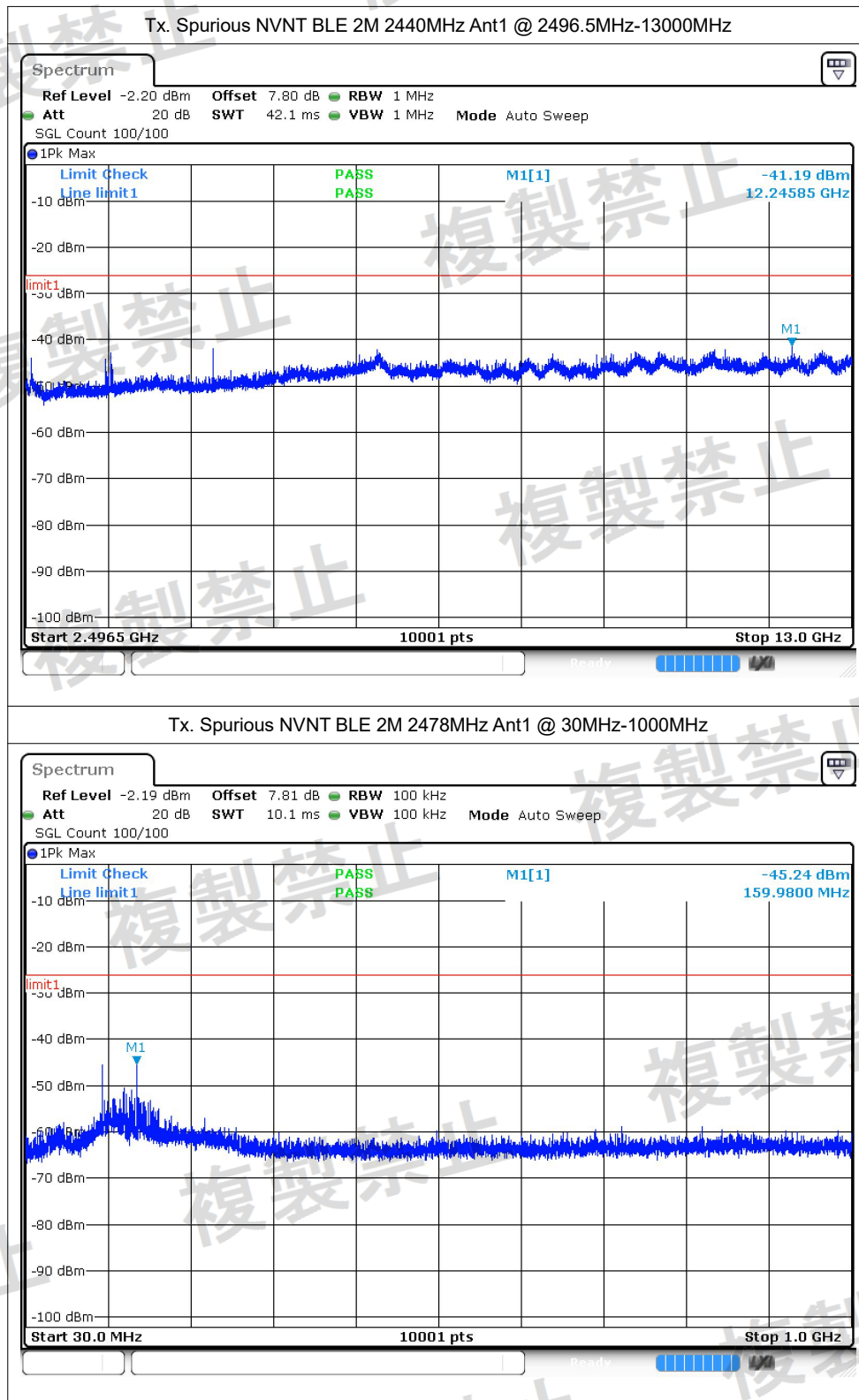


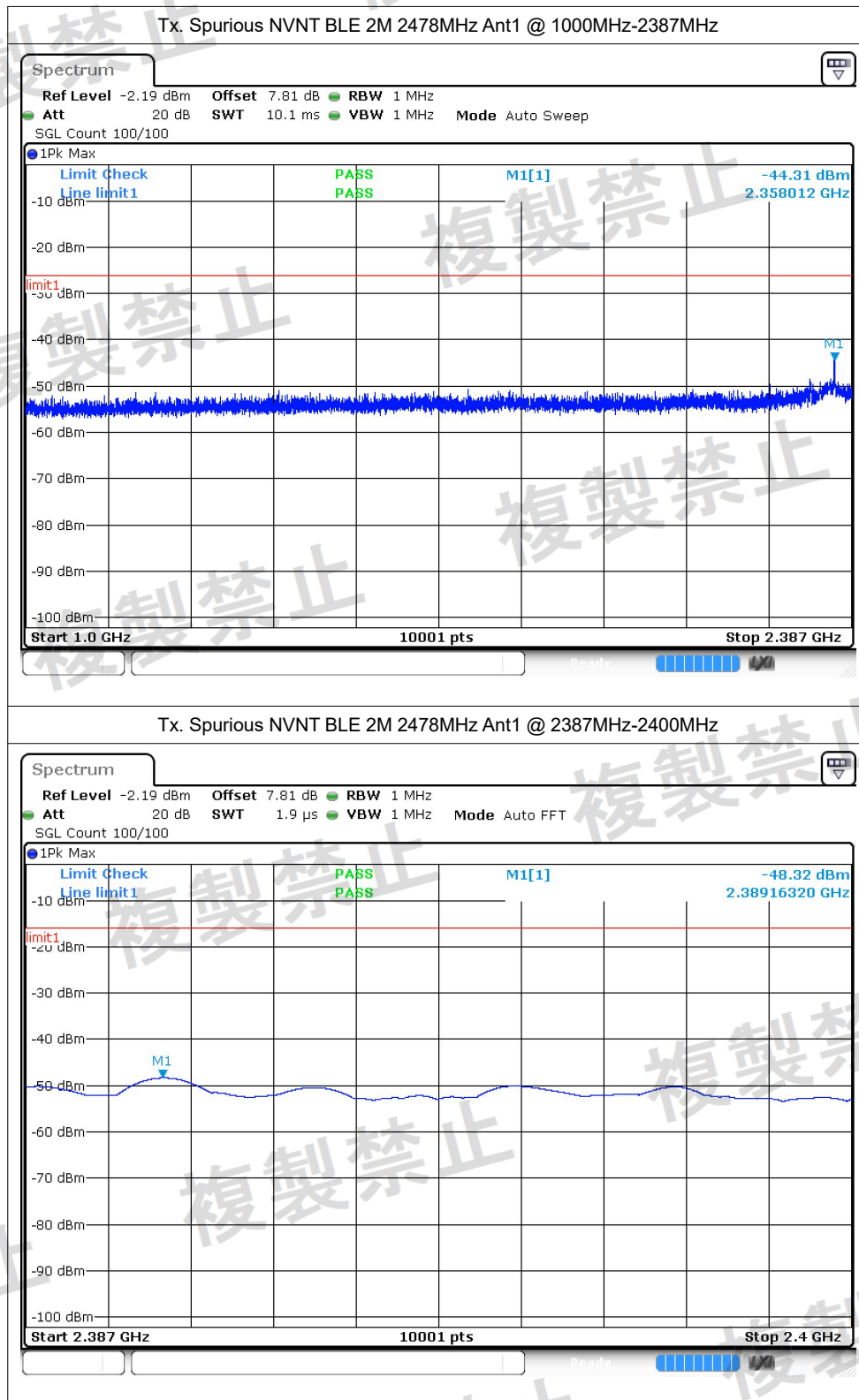


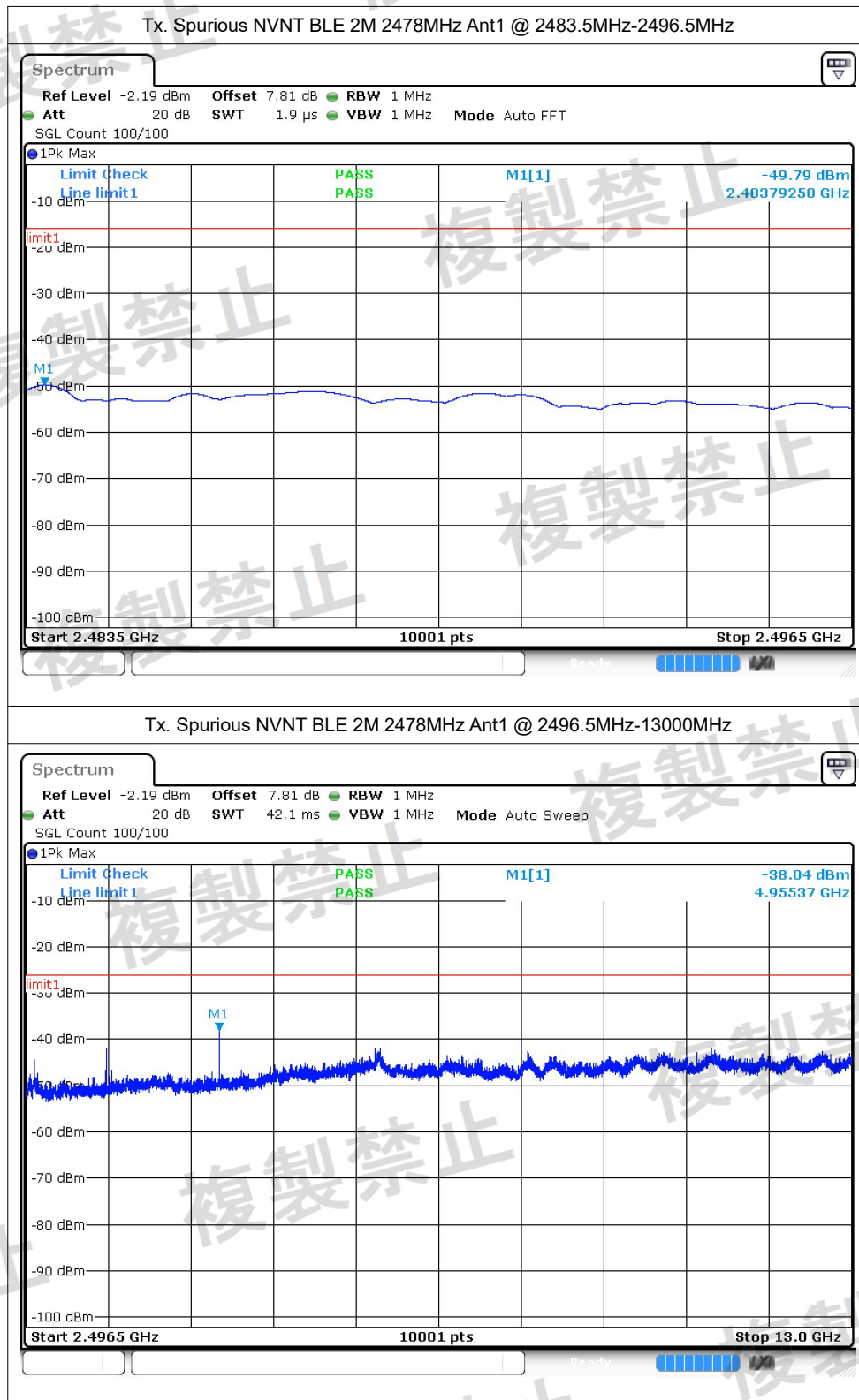












Rx Spurious Emission

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	160.01	-64.26	NA	0.375	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	12643.00	-62.09	NA	0.618	NA	20	Pass
NVNT	BLE 2M	2404	Ant1	30-1000	160.01	-64.50	NA	0.3548	NA	4	Pass
NVNT	BLE 2M	2404	Ant1	1000-13000	11253.60	-62.13	NA	0.6124	NA	20	Pass

