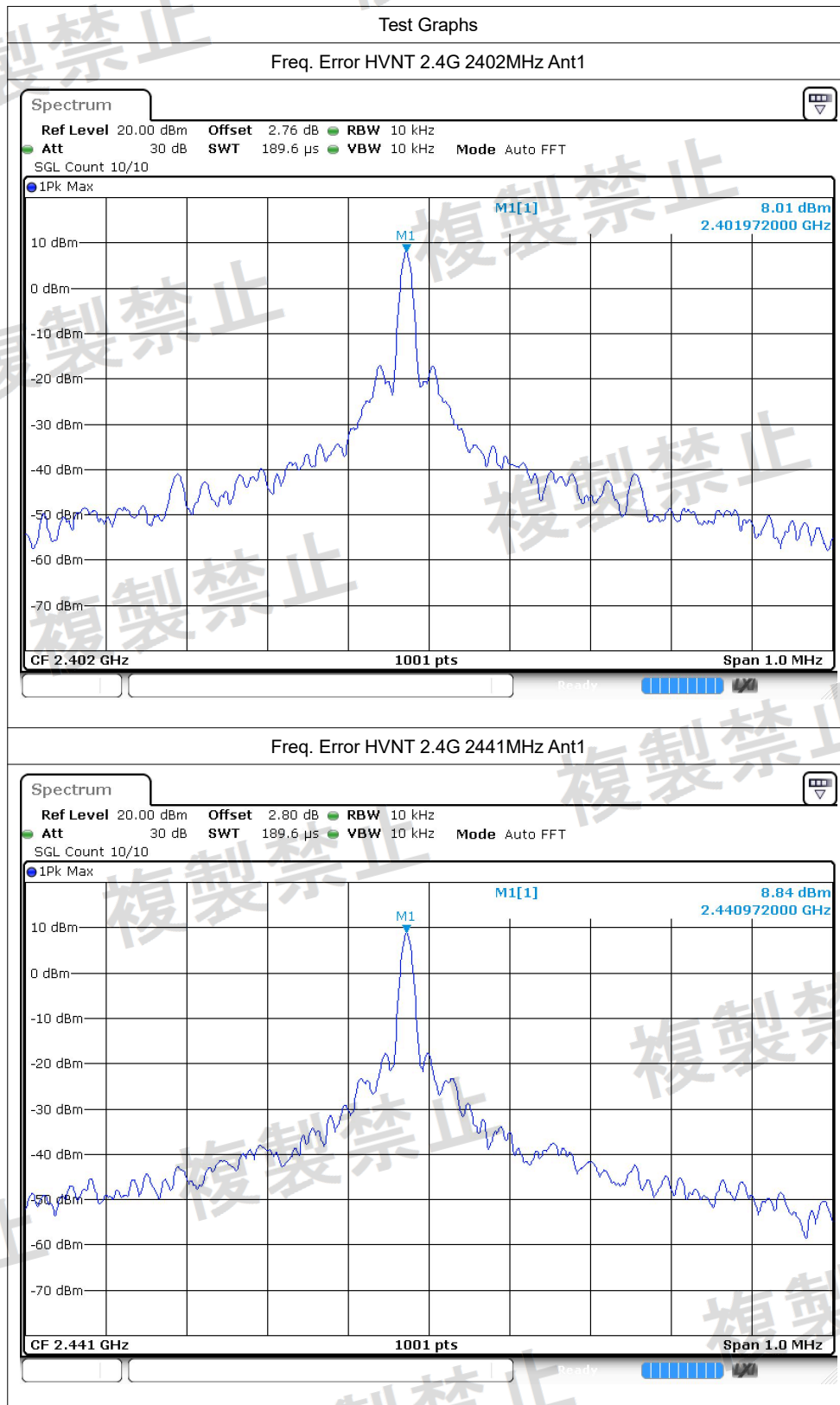
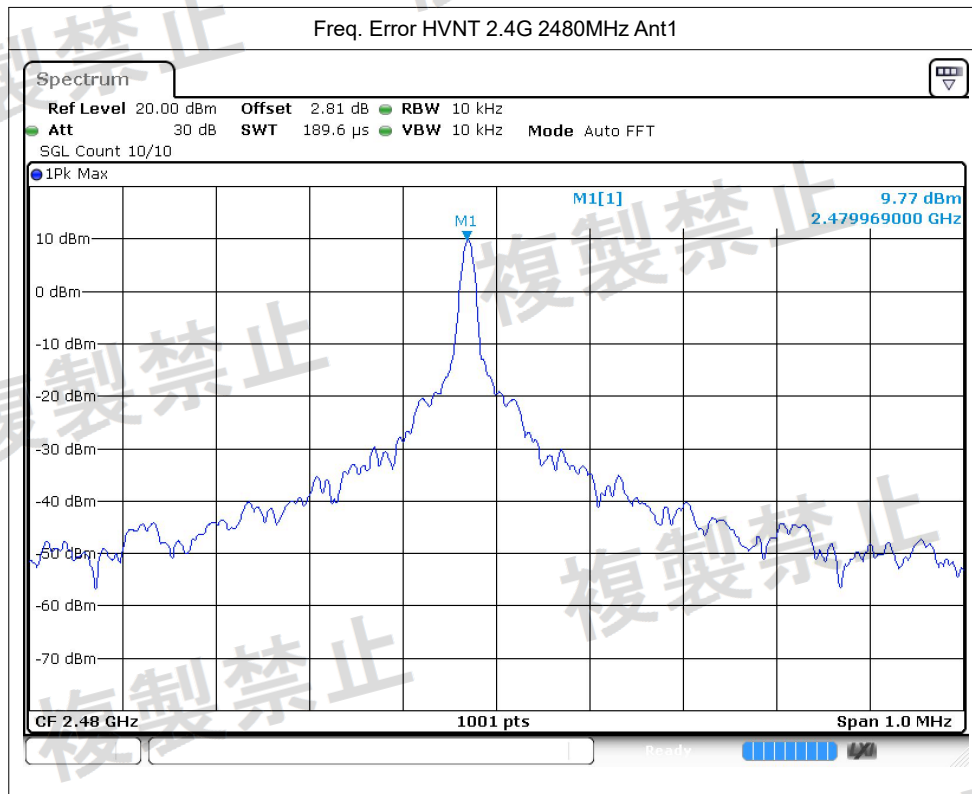


Appendix A (High Voltage)

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
HVNT	2.4G	2402	Ant1	2401.972	-28000	-11.66	50	Pass
HVNT	2.4G	2441	Ant1	2440.972	-28000	-11.47	50	Pass
HVNT	2.4G	2480	Ant1	2479.969	-31000	-12.5	50	Pass







Antenna Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
HVNT	2.4G	2402	Ant1	-4.55	0.351	10	2	-82.45	20	Pass
HVNT	2.4G	2441	Ant1	-3.06	0.494	10	2	-75.3	20	Pass
HVNT	2.4G	2480	Ant1	-2.64	0.545	10	2	-72.75	20	Pass

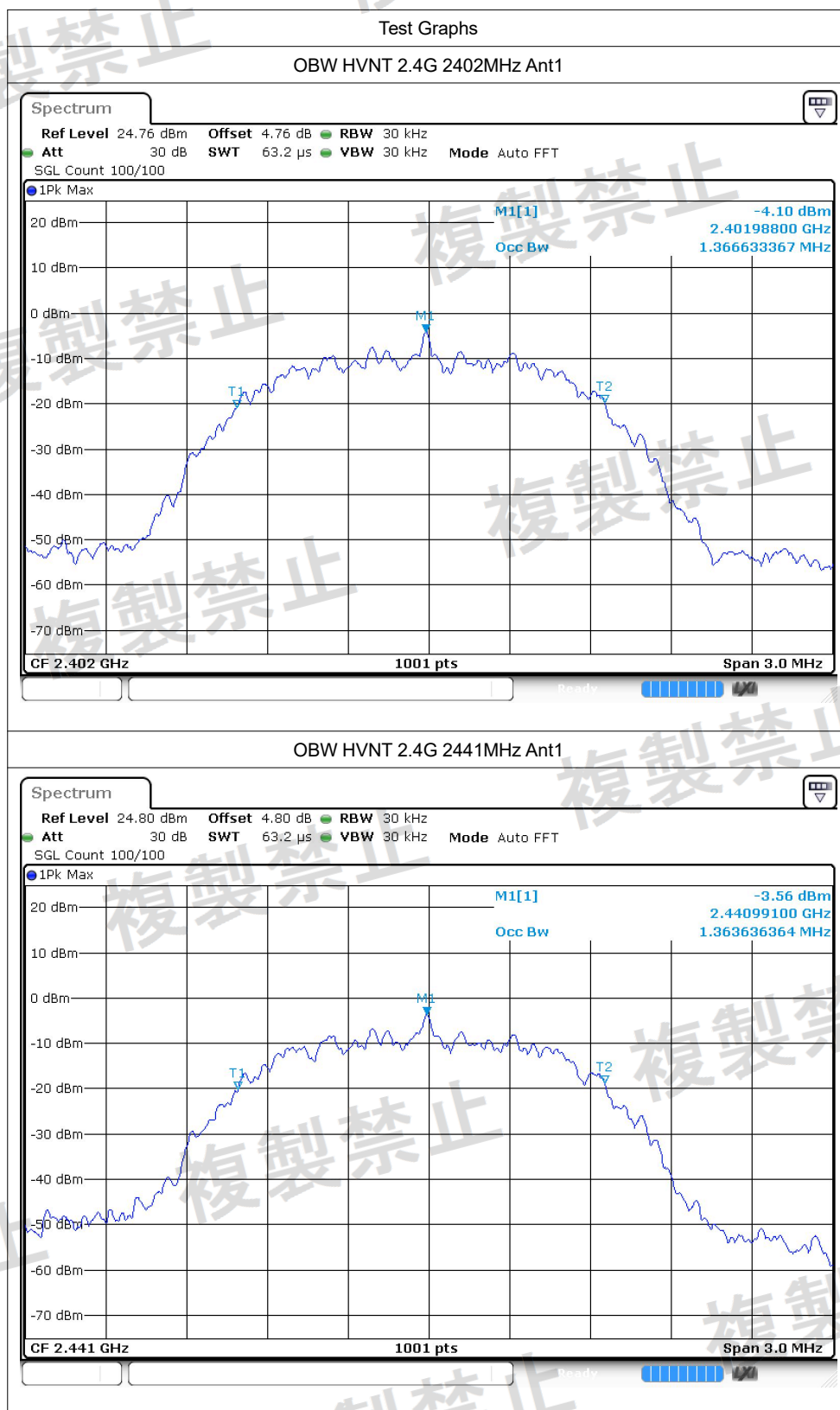
**EIRP Power**

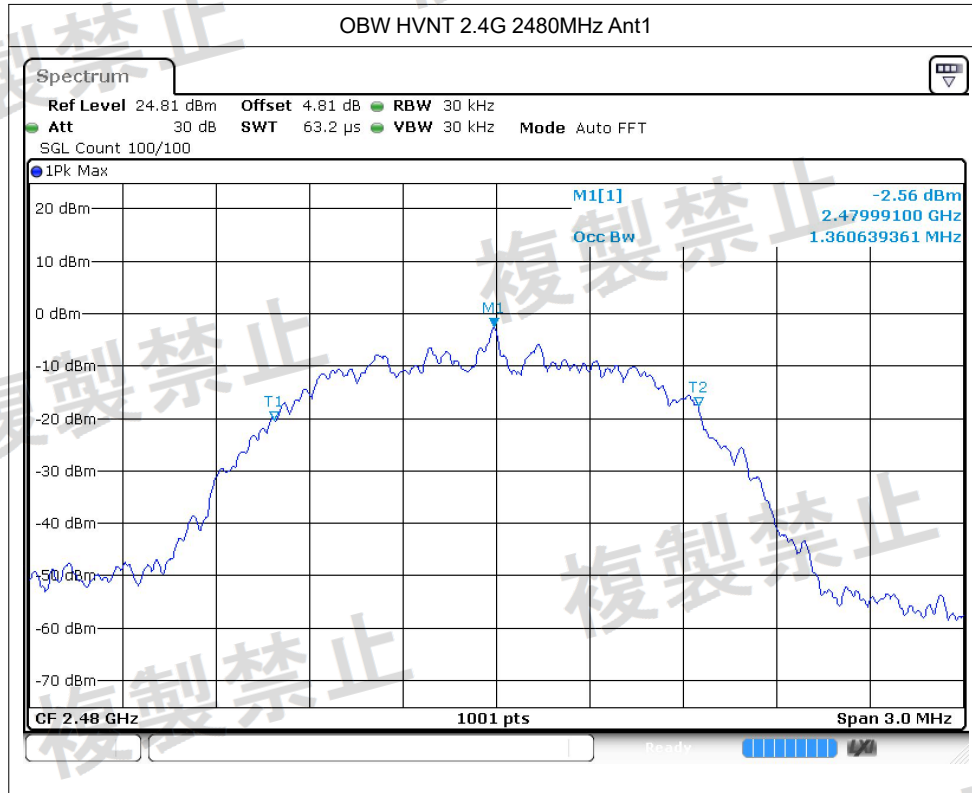
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
HVNT	2.4G	2402	Ant1	0.351	-4.55	2.09	-2.46	12.14	Pass
HVNT	2.4G	2441	Ant1	0.494	-3.06	2.09	-0.97	12.14	Pass
HVNT	2.4G	2480	Ant1	0.545	-2.64	2.09	-0.55	12.14	Pass



Occupied Channel Bandwidth

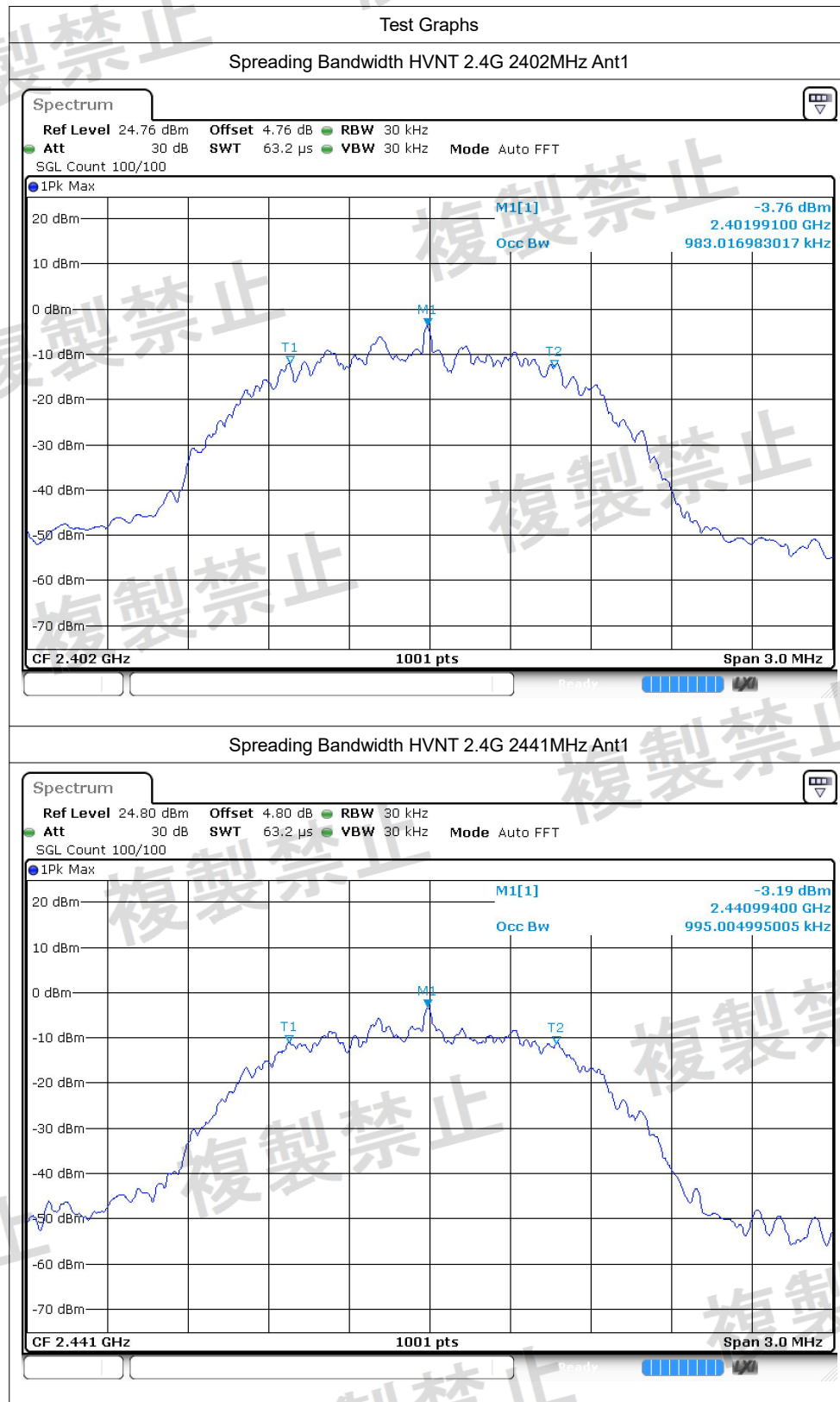
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
HVNT	2.4G	2402	Ant1	1.367
HVNT	2.4G	2441	Ant1	1.364
HVNT	2.4G	2480	Ant1	1.361

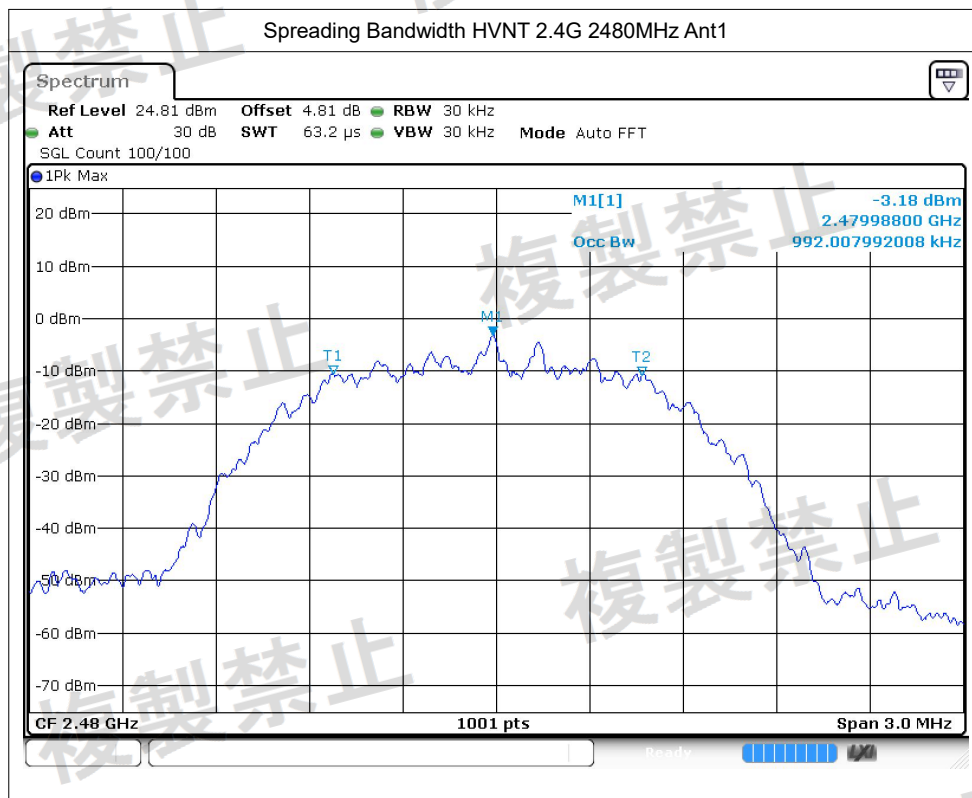




Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
HVNT	2.4G	2402	Ant1	0.983	0.5	Pass
HVNT	2.4G	2441	Ant1	0.995	0.5	Pass
HVNT	2.4G	2480	Ant1	0.992	0.5	Pass





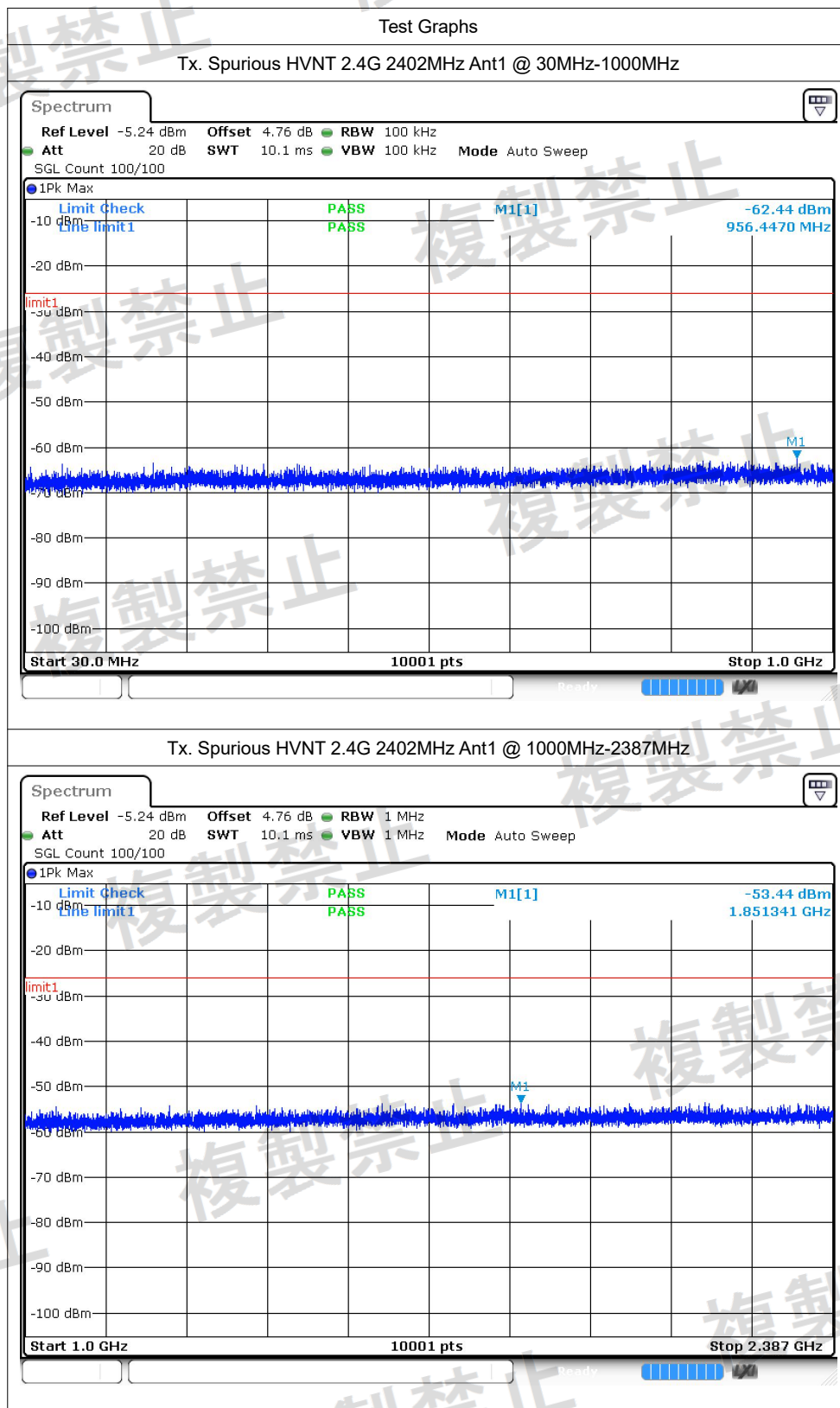
Tx Spurious Emission

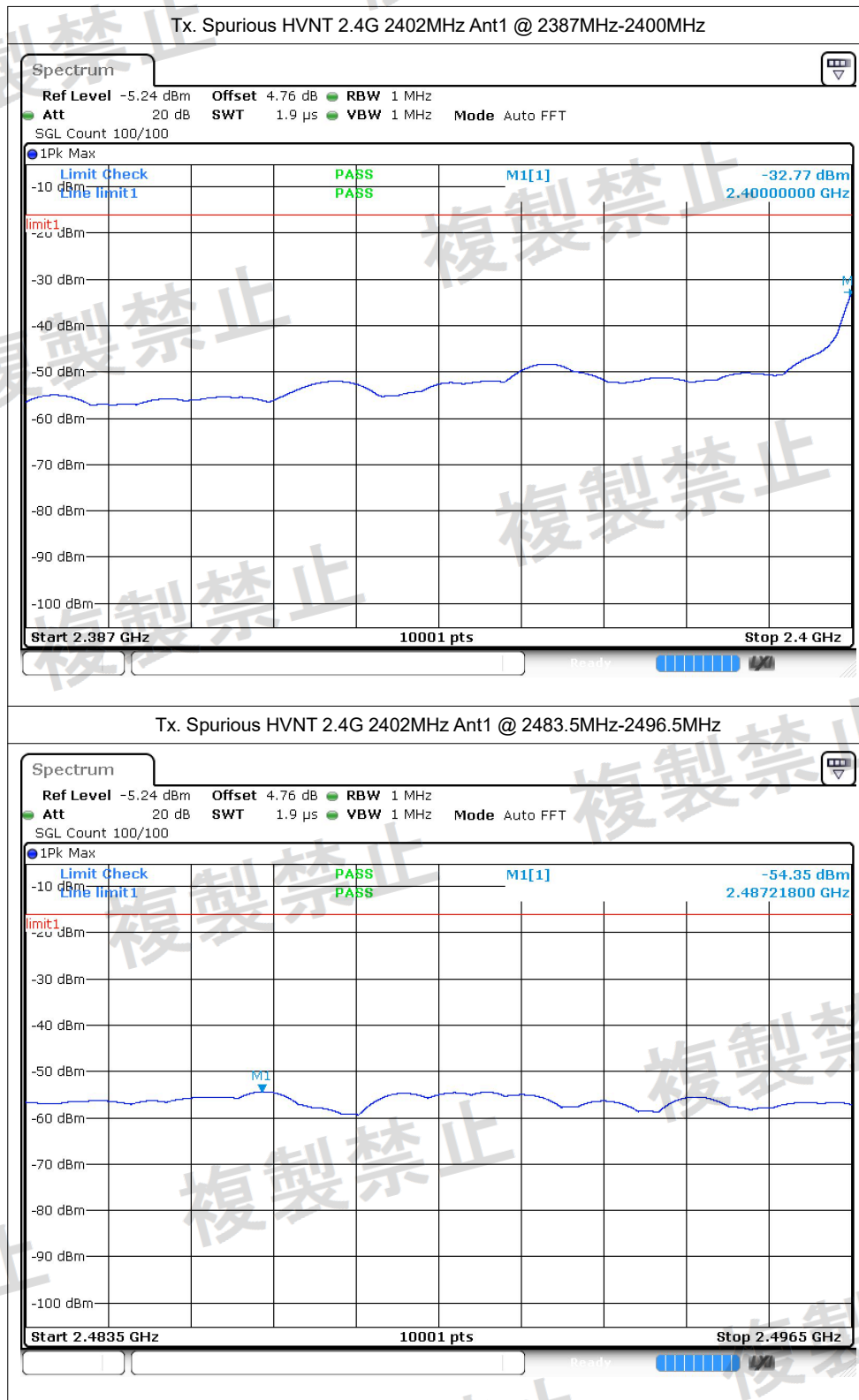
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
HVNT	2.4G	2402	Ant1	30-1000	956.45	-52.43	NA	0.0057	NA	2.5	2.5	Pass
HVNT	2.4G	2402	Ant1	1000-2387	1851.34	-53.44	NA	0.0045	NA	2.5	2.5	Pass
HVNT	2.4G	2402	Ant1	2387-2400	2400.00	-32.77	NA	0.5284	NA	25	25	Pass
HVNT	2.4G	2402	Ant1	2483.5-2496.5	2487.22	-54.34	NA	0.0037	NA	25	25	Pass
HVNT	2.4G	2402	Ant1	2496.5-13000	12646.03	-44.37	NA	0.0366	NA	2.5	2.5	Pass
HVNT	2.4G	2441	Ant1	30-1000	725.68	-52.62	NA	0.0055	NA	2.5	2.5	Pass
HVNT	2.4G	2441	Ant1	1000-2387	1918.06	-52.57	NA	0.0055	NA	2.5	2.5	Pass
HVNT	2.4G	2441	Ant1	2387-2400	2388.34	-54.91	NA	0.0032	NA	25	25	Pass
HVNT	2.4G	2441	Ant1	2483.5-2496.5	2483.76	-54.48	NA	0.0036	NA	25	25	Pass
HVNT	2.4G	2441	Ant1	2496.5-13000	10595.75	-44.88	NA	0.0325	NA	2.5	2.5	Pass
HVNT	2.4G	2480	Ant1	30-1000	940.64	-51.89	NA	0.0065	NA	2.5	2.5	Pass
HVNT	2.4G	2480	Ant1	1000-2387	2310.99	-53.43	NA	0.0045	NA	2.5	2.5	Pass
HVNT	2.4G	2480	Ant1	2387-2400	2399.13	-53.59	NA	0.0044	NA	25	25	Pass
HVNT	2.4G	2480	Ant1	2483.5-2496.5	2487.34	-41.95	NA	0.0638	NA	25	25	Pass
HVNT	2.4G	2480	Ant1	2496.5-13000	12652.33	-44.66	NA	0.0342	NA	2.5	2.5	Pass

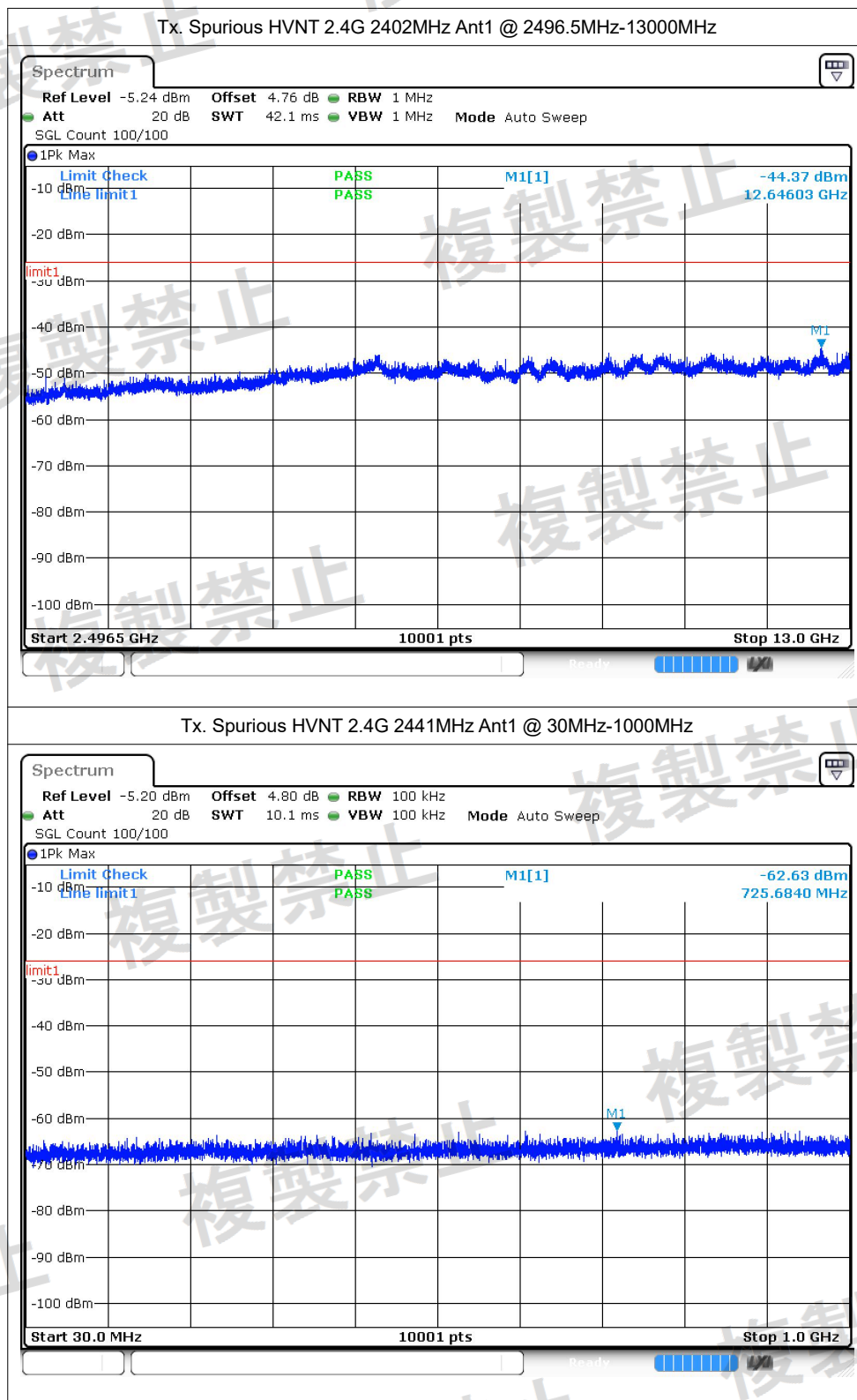
Note: The limit for the frequency range of 30MHz - 1GHz is 2.5uW/1MHz, but test result is dBm/100kHz.

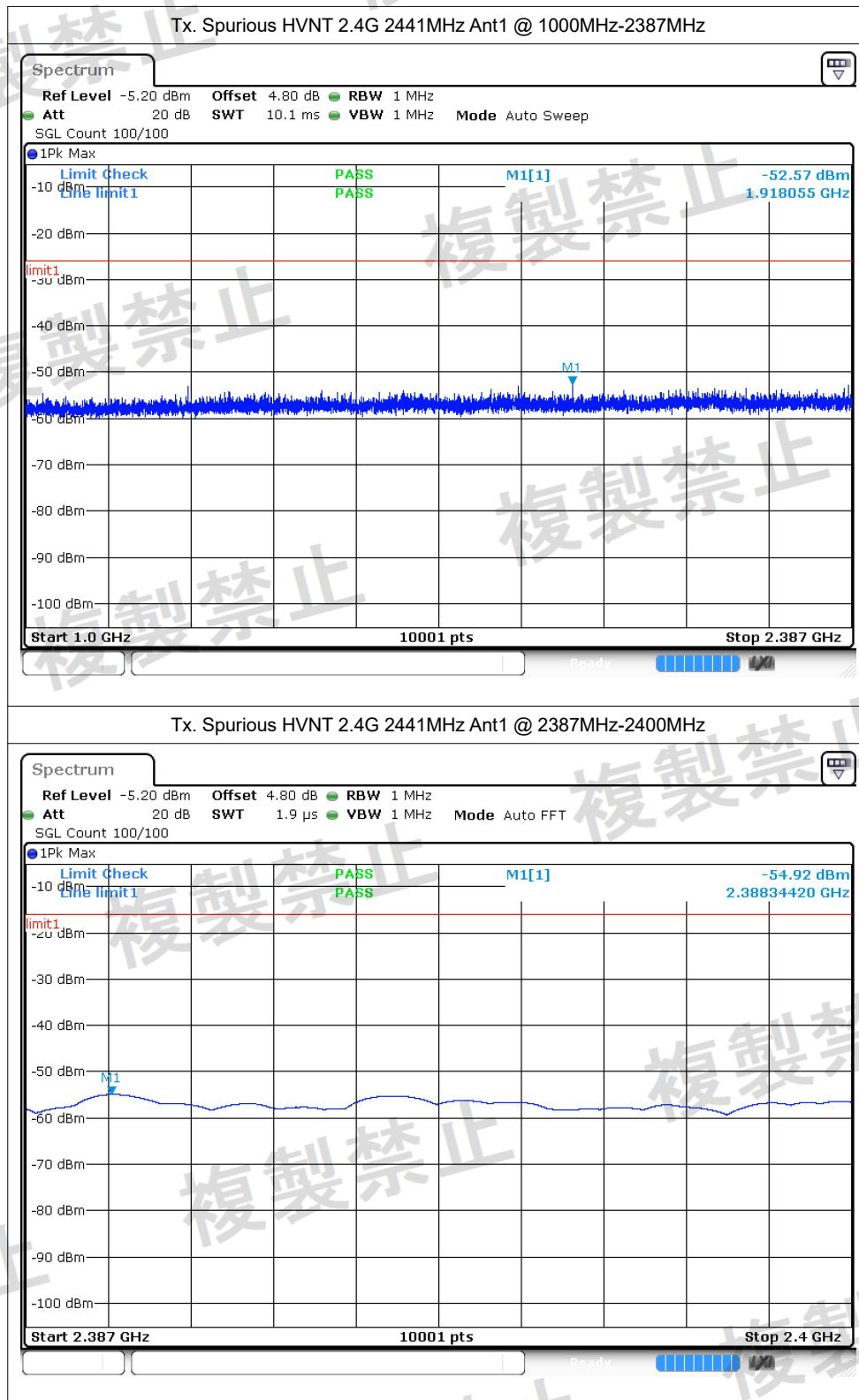
Value(dBm/1MHz) = Measurement(dBm/100kHz) + 10*log(1MHz/100kHz)

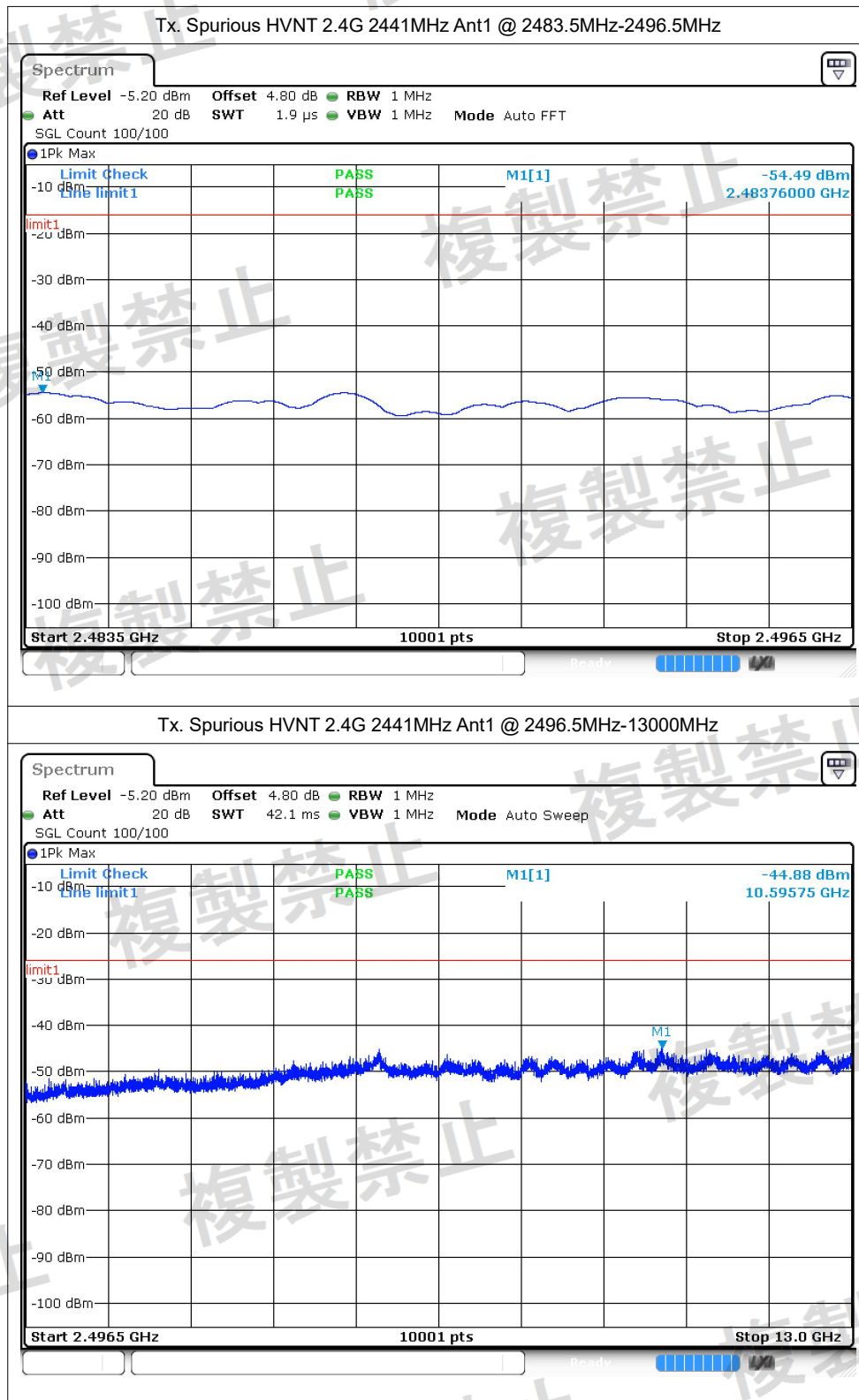
Value(uW) = 10^(Value(dBm) / 10)*1000

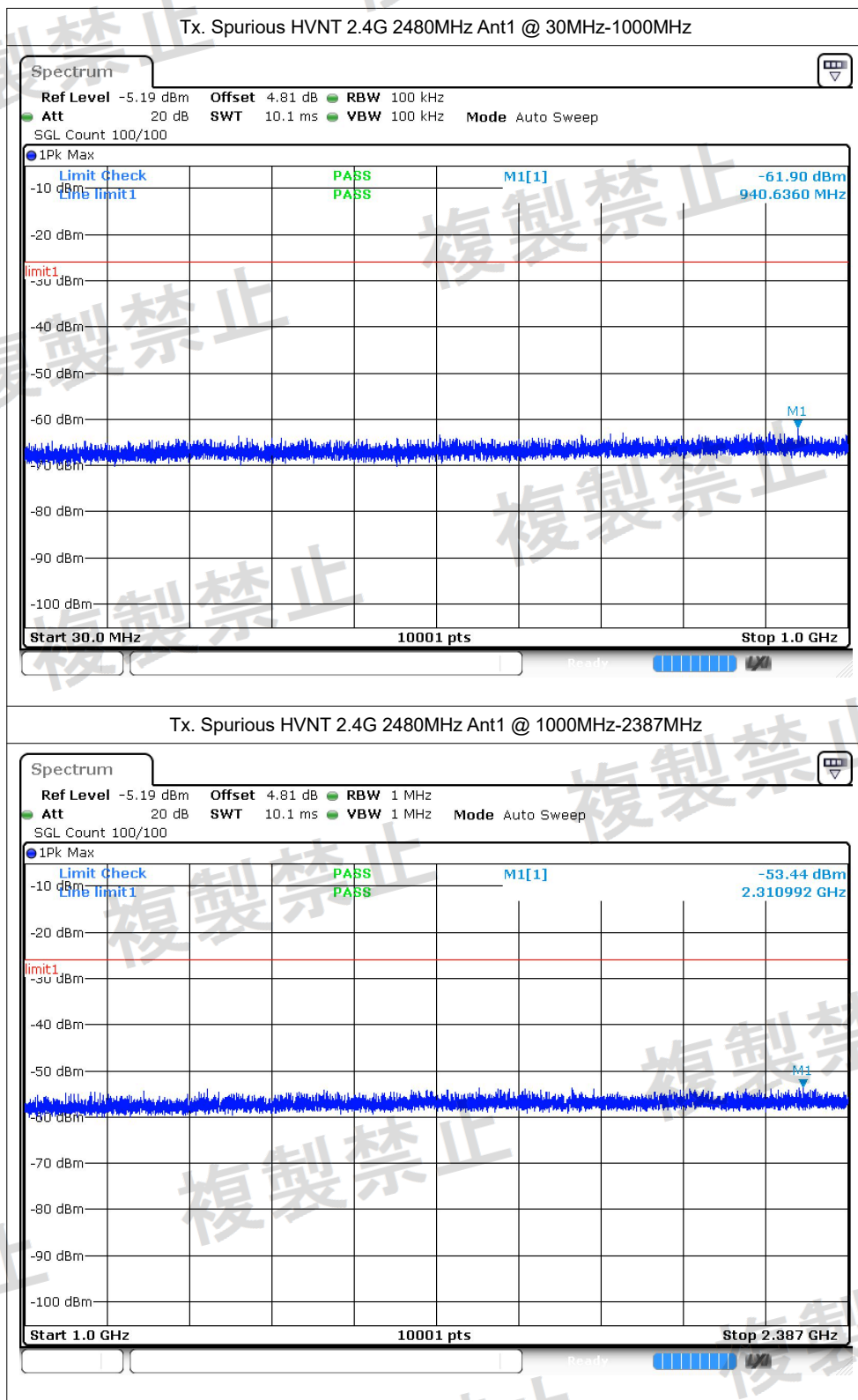


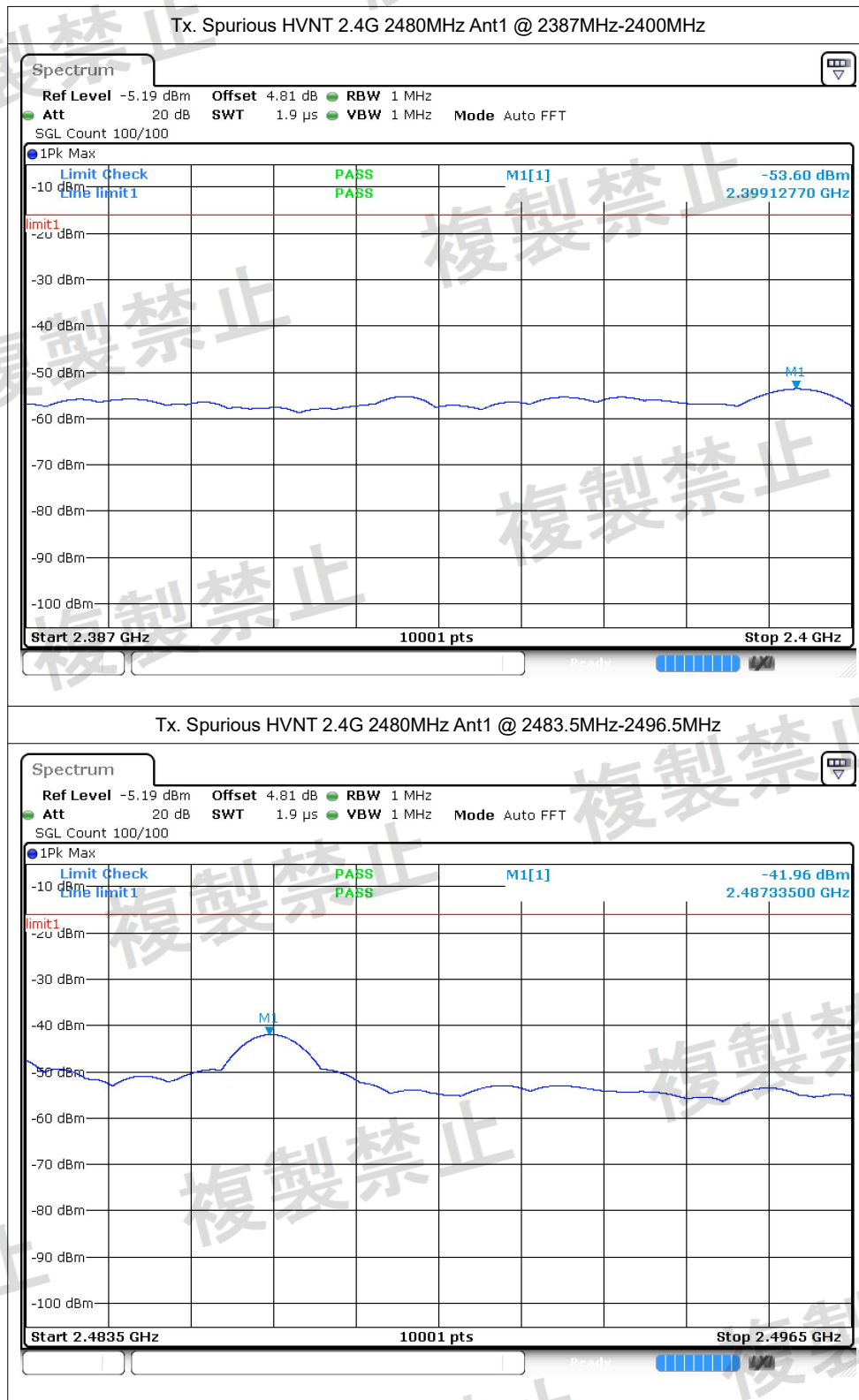


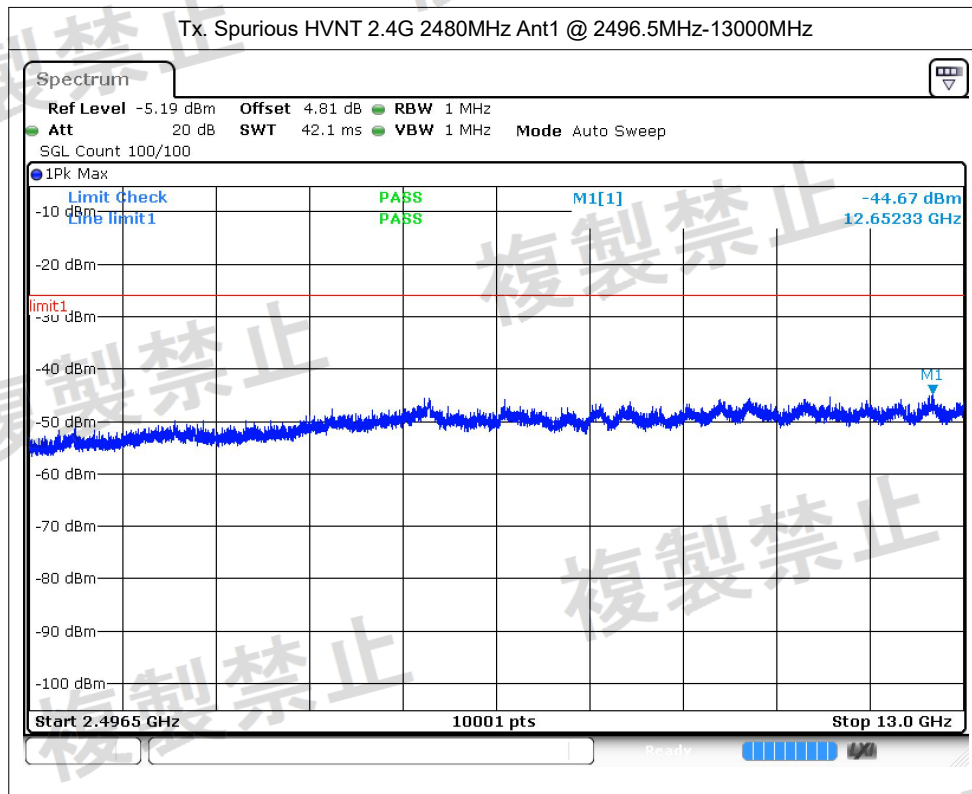












Rx Spurious Emission

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
HVNT	2.4G	2402	Ant1	30-1000	886.28	-82.49	NA	0.0056	NA	4	Pass
HVNT	2.4G	2402	Ant1	1000-13000	3583.90	-62.40	NA	0.5754	NA	20	Pass

