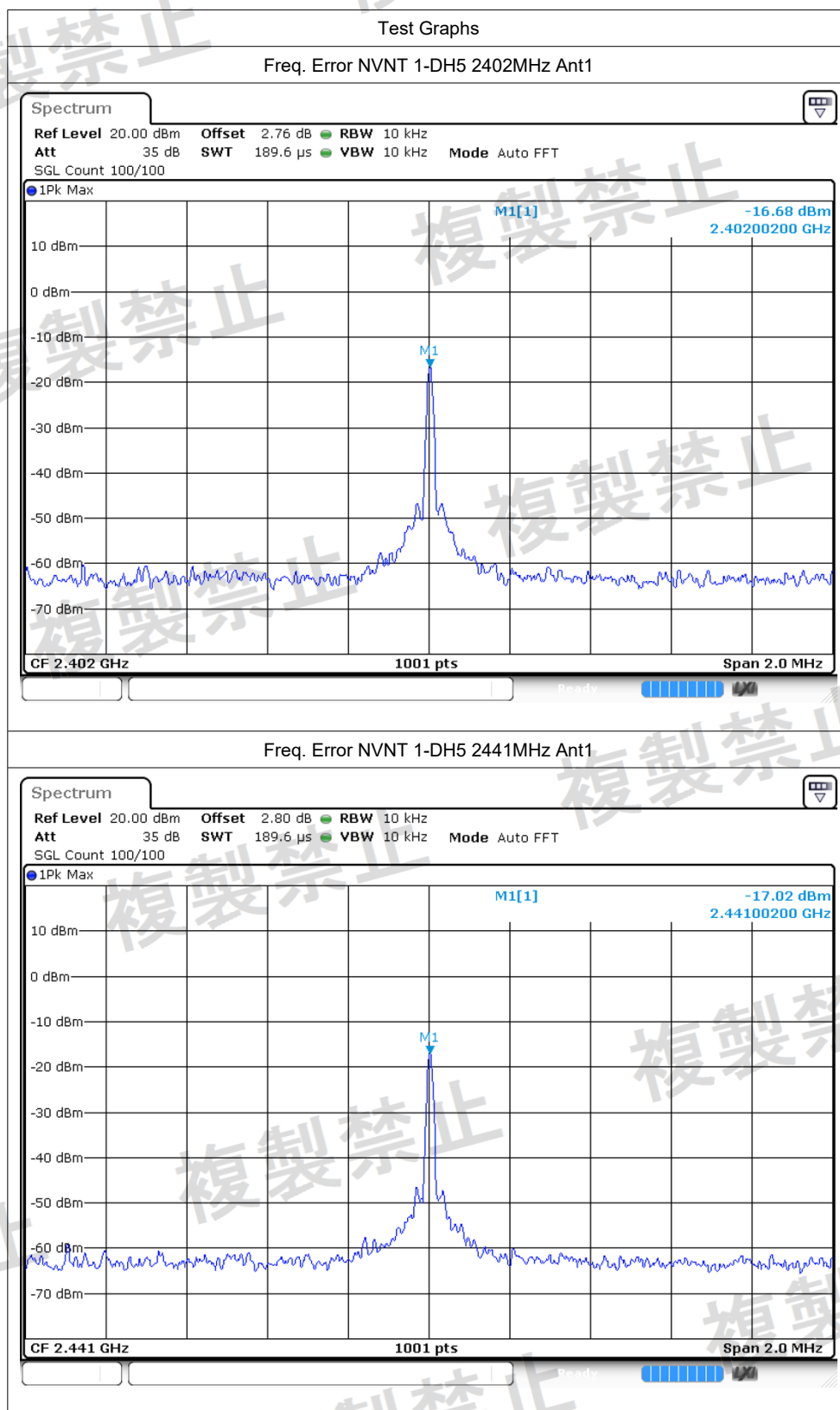
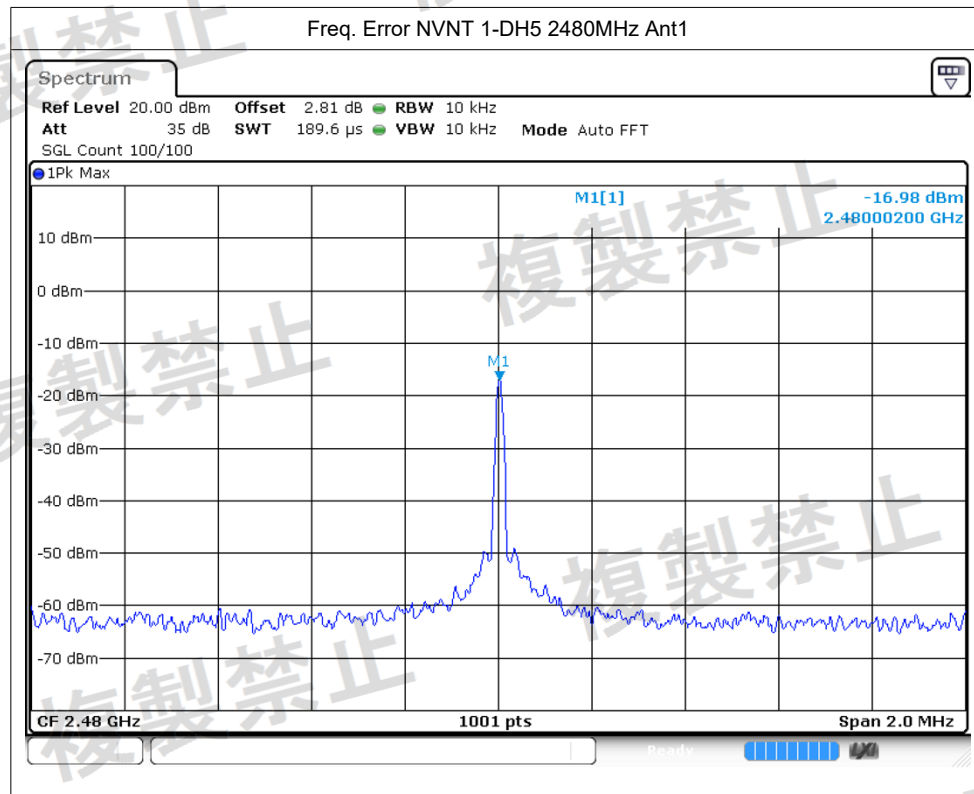


Appendix B

Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	1-DH5	2402	Ant1	2402.002	2000	0.83	50	Pass
NVNT	1-DH5	2441	Ant1	2441.002	2000	0.82	50	Pass
NVNT	1-DH5	2480	Ant1	2480.002	2000	0.81	50	Pass



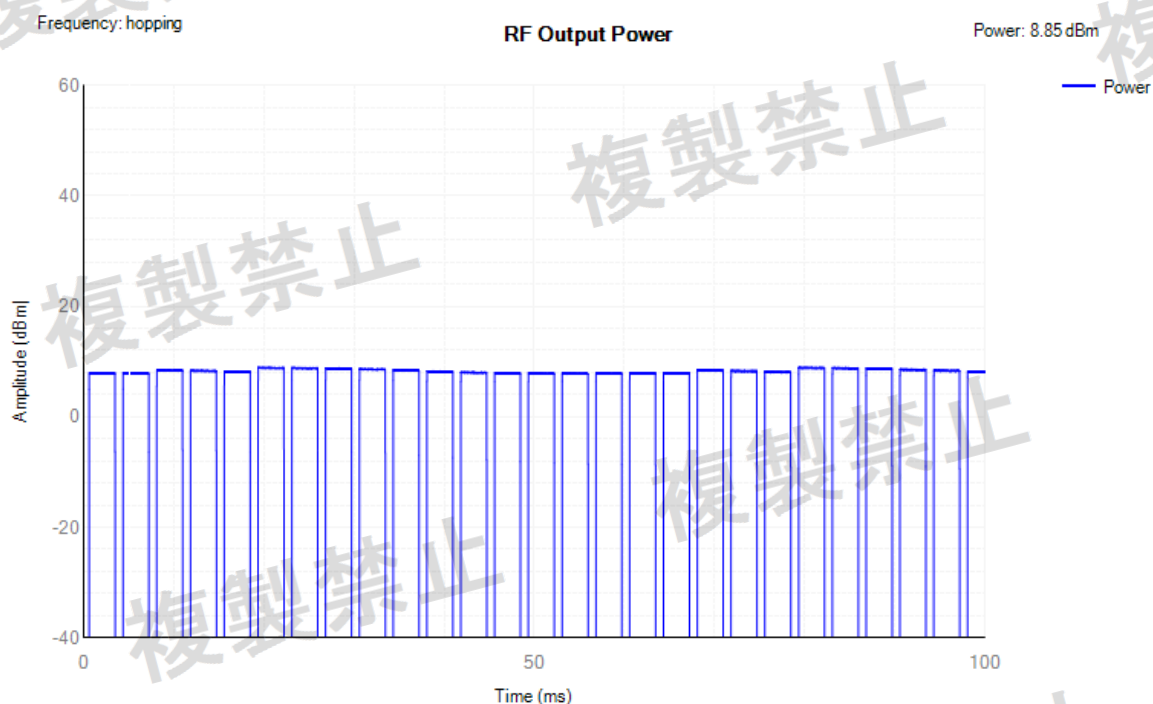


Antenna Power

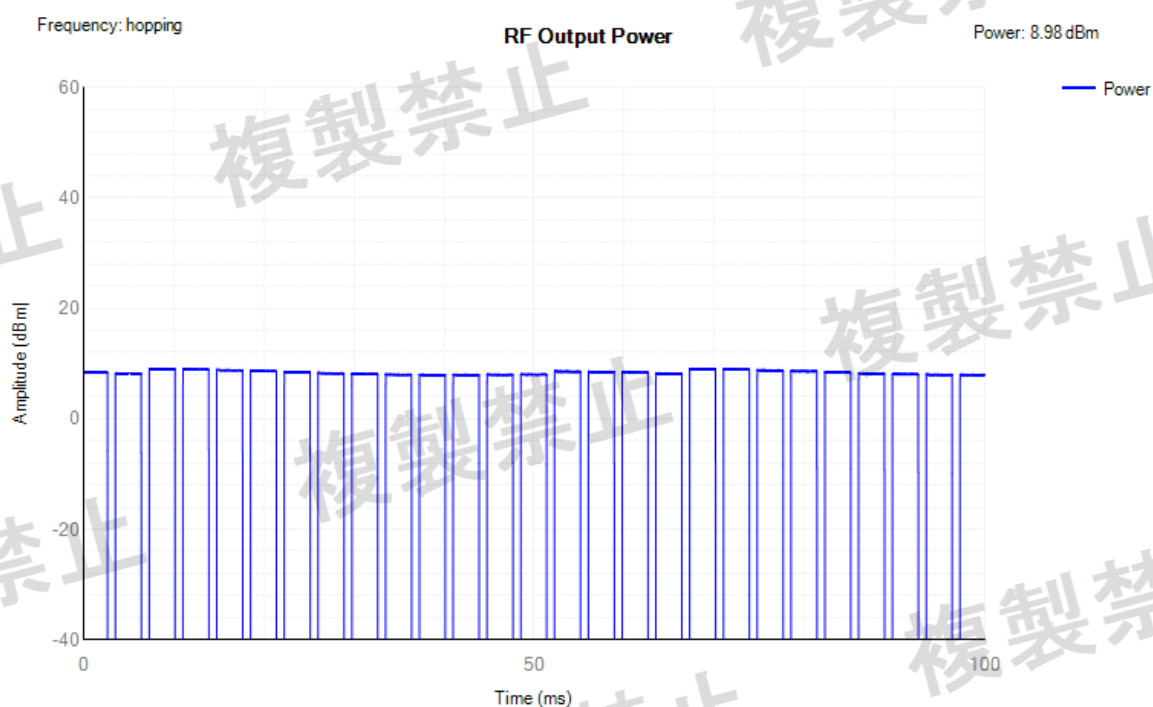
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Spread BW (MHz)	Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	1-DH5	hopping	Ant1	8.85	7.674	71.449	0.107	3	0.2	-46.5	20	Pass
NVNT	1-DH5	hopping	Ant1	8.98	7.907	71.449	0.111	3	0.2	-44.5	20	Pass
NVNT	1-DH5	hopping	Ant1	9.06	8.054	71.449	0.113	3	0.2	-43.5	20	Pass
NVNT	2-DH5	hopping	Ant1	6.32	4.285	70.729	0.061	3	0.2	-69.5	20	Pass
NVNT	2-DH5	hopping	Ant1	6.45	4.416	70.729	0.062	3	0.2	-69	20	Pass
NVNT	2-DH5	hopping	Ant1	6.55	4.519	70.729	0.064	3	0.2	-68	20	Pass
NVNT	3-DH5	hopping	Ant1	6.18	4.15	71.568	0.058	3	0.2	-71	20	Pass
NVNT	3-DH5	hopping	Ant1	6.42	4.385	71.568	0.061	3	0.2	-69.5	20	Pass
NVNT	3-DH5	hopping	Ant1	6.51	4.477	71.568	0.063	3	0.2	-68.5	20	Pass

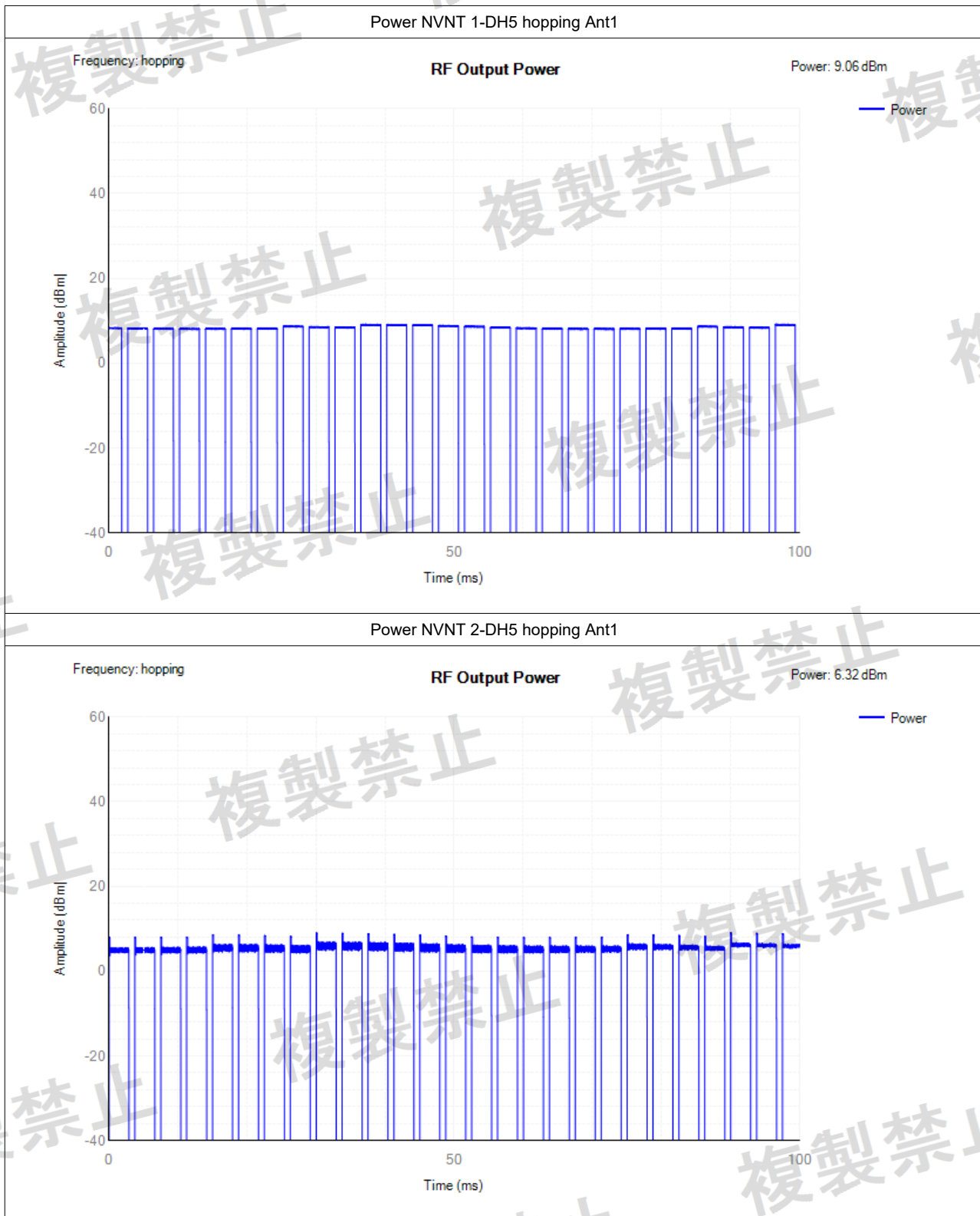
Test Graphs

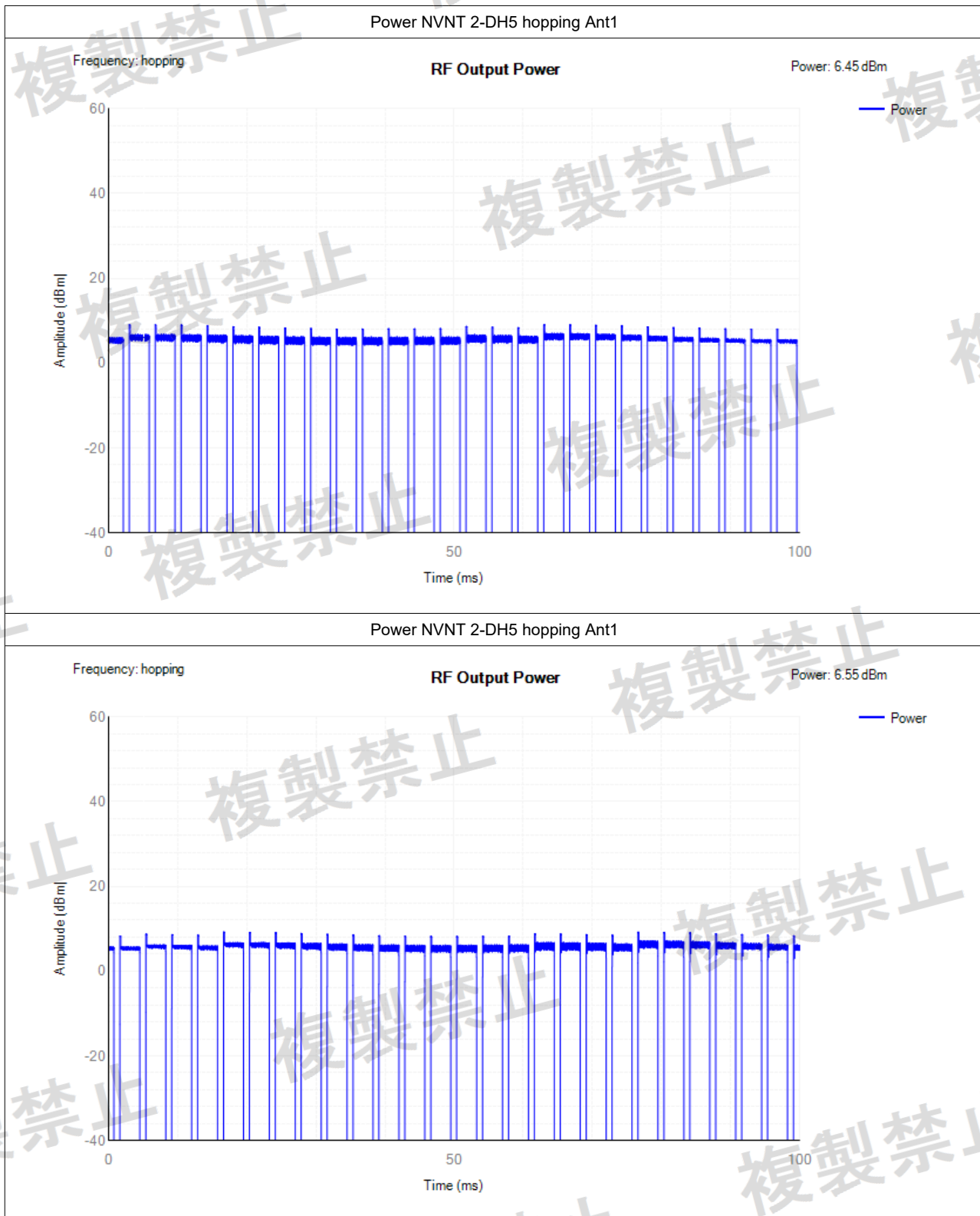
Power NVNT 1-DH5 hopping Ant1

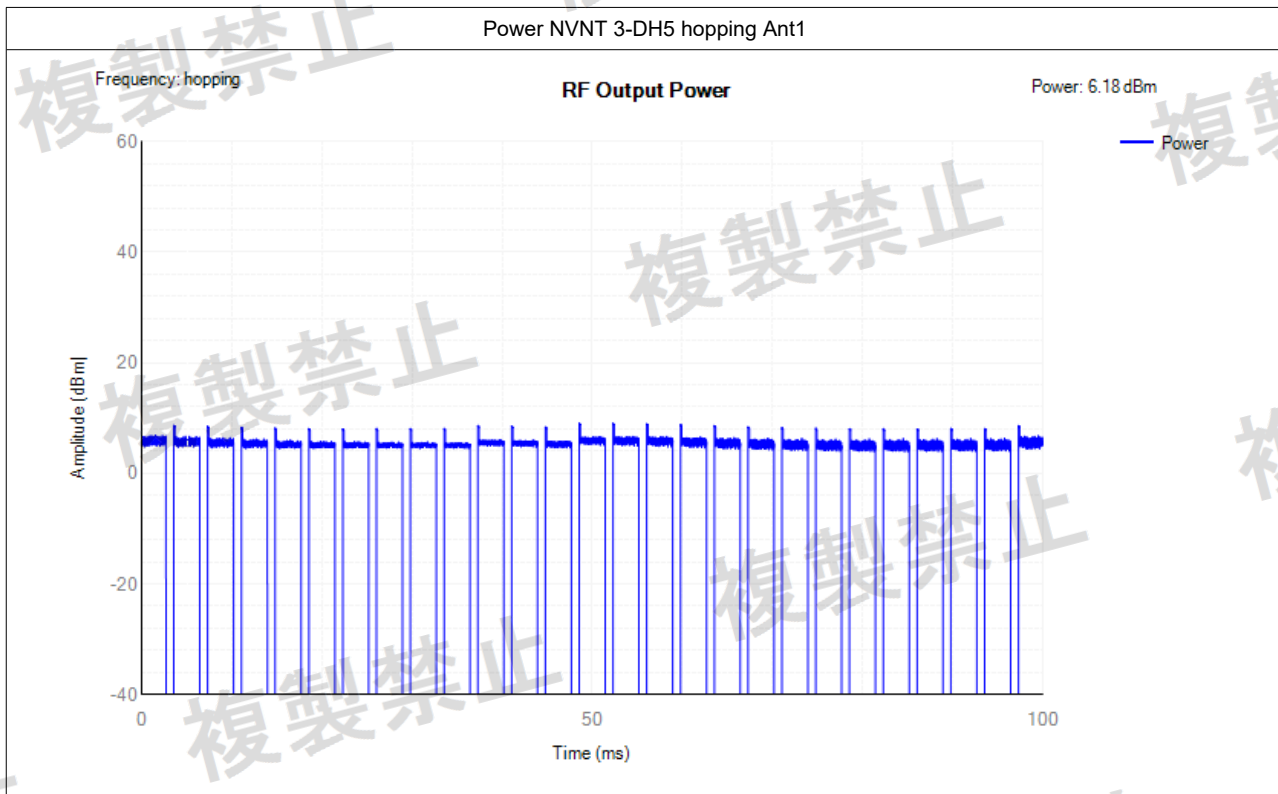
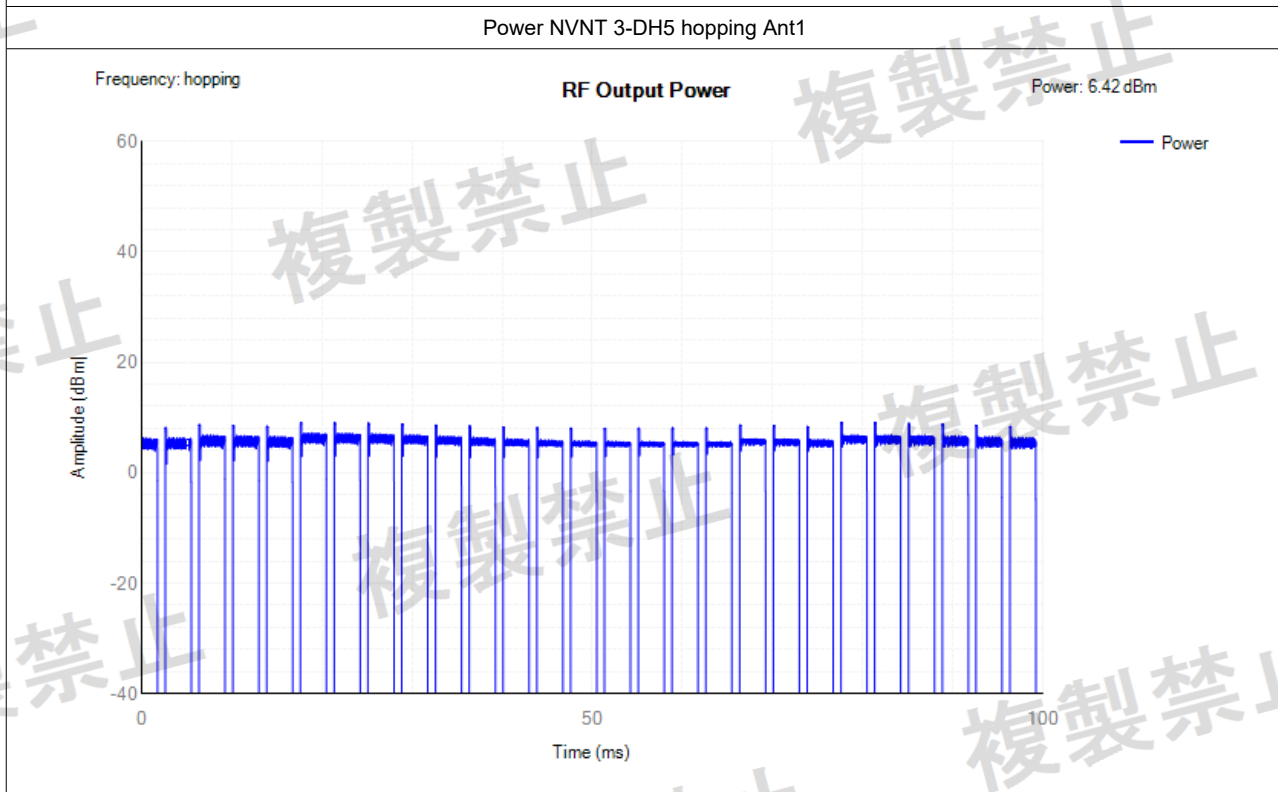


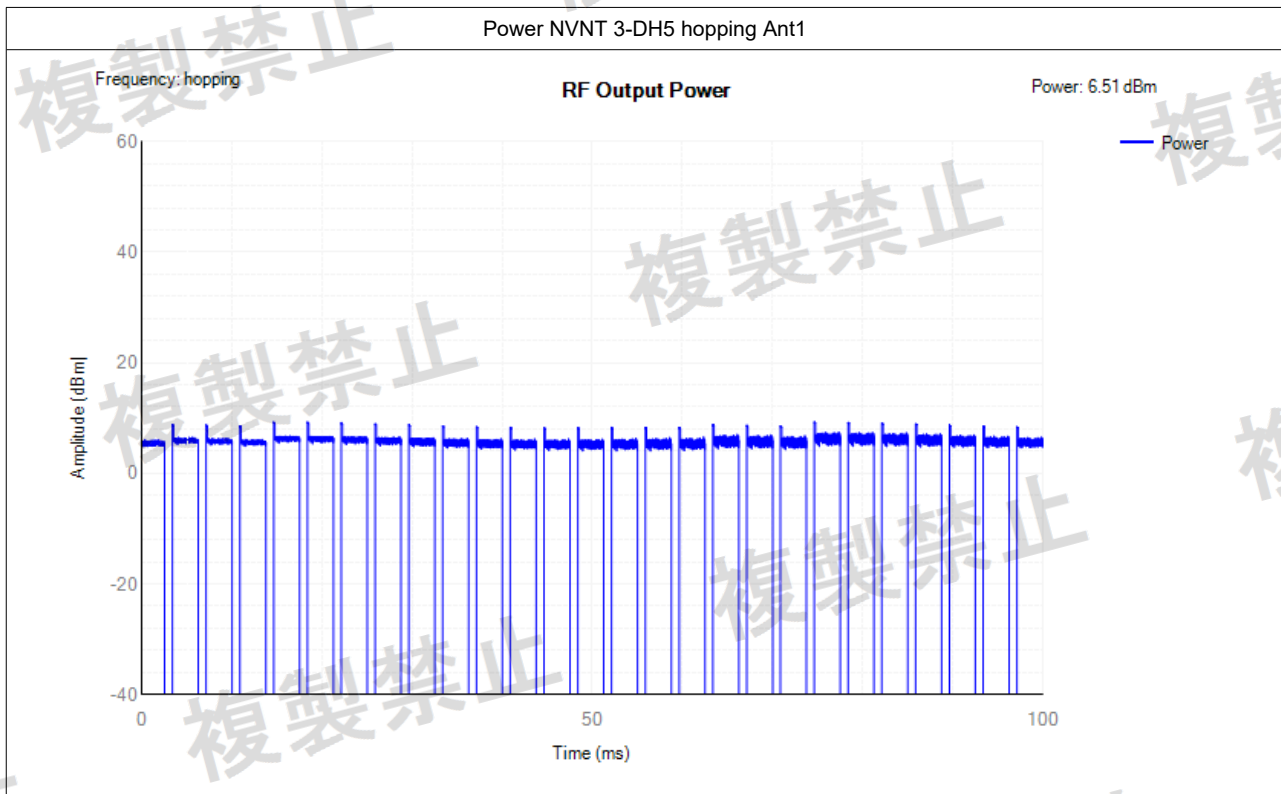
Power NVNT 1-DH5 hopping Ant1









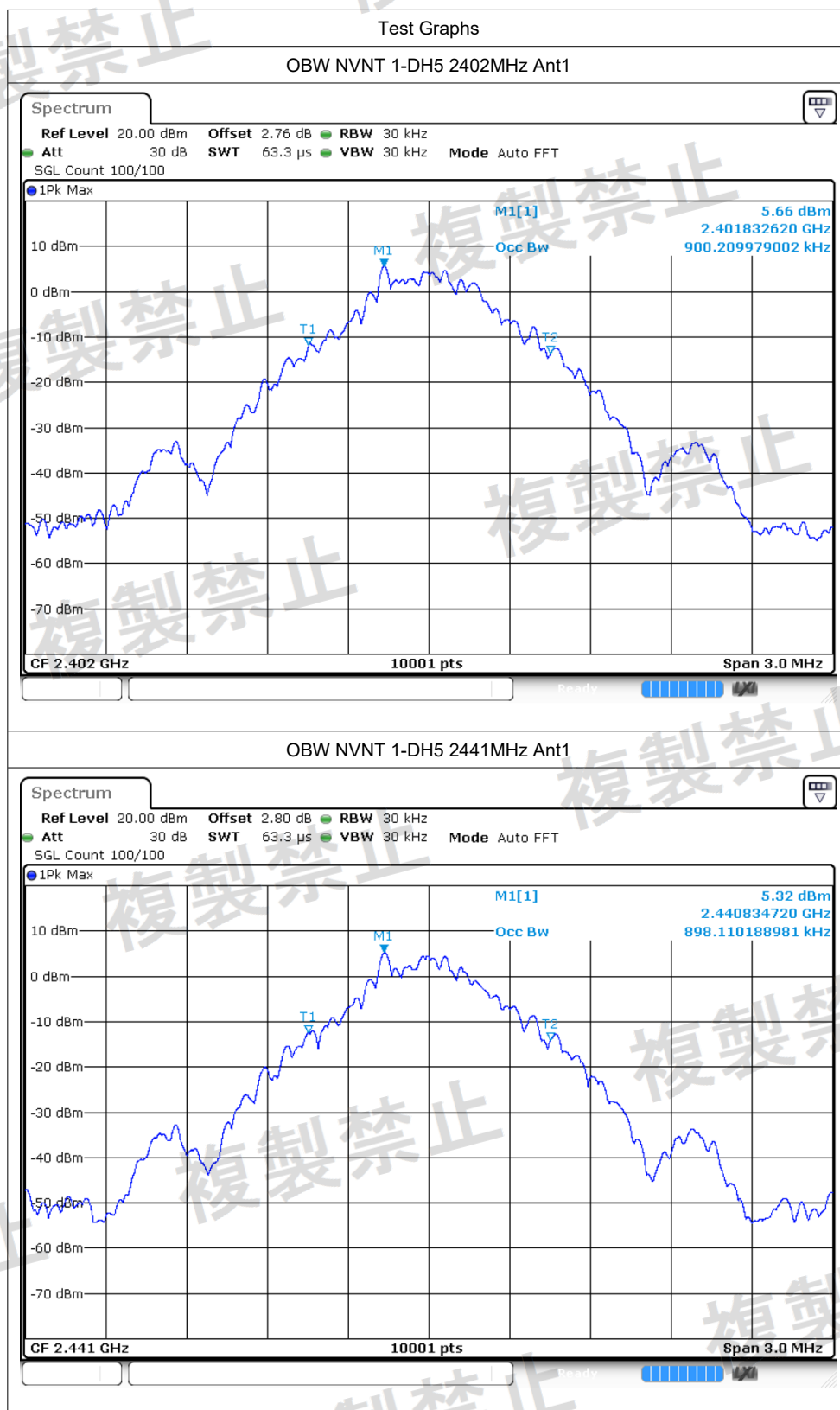


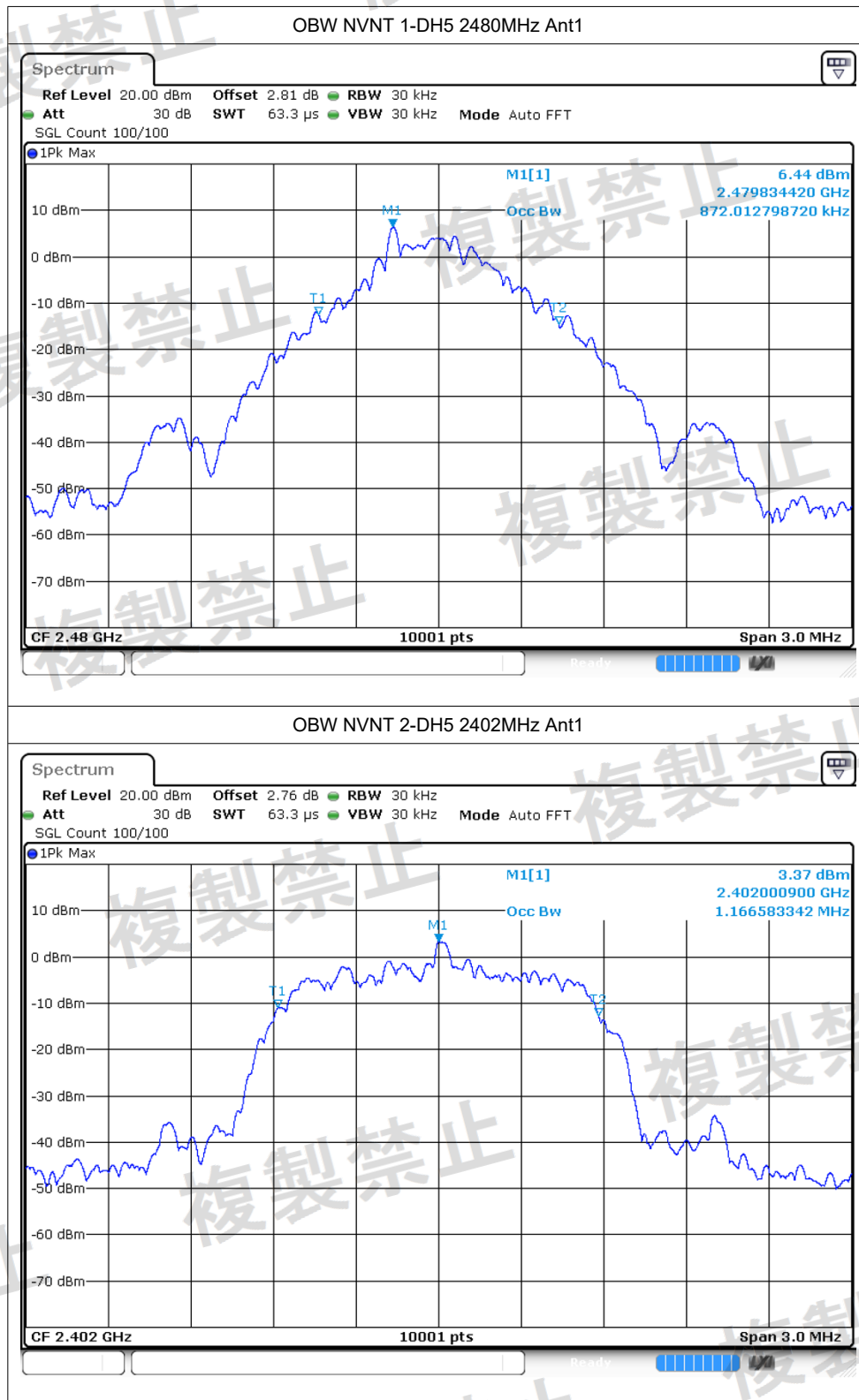
EIRP Power

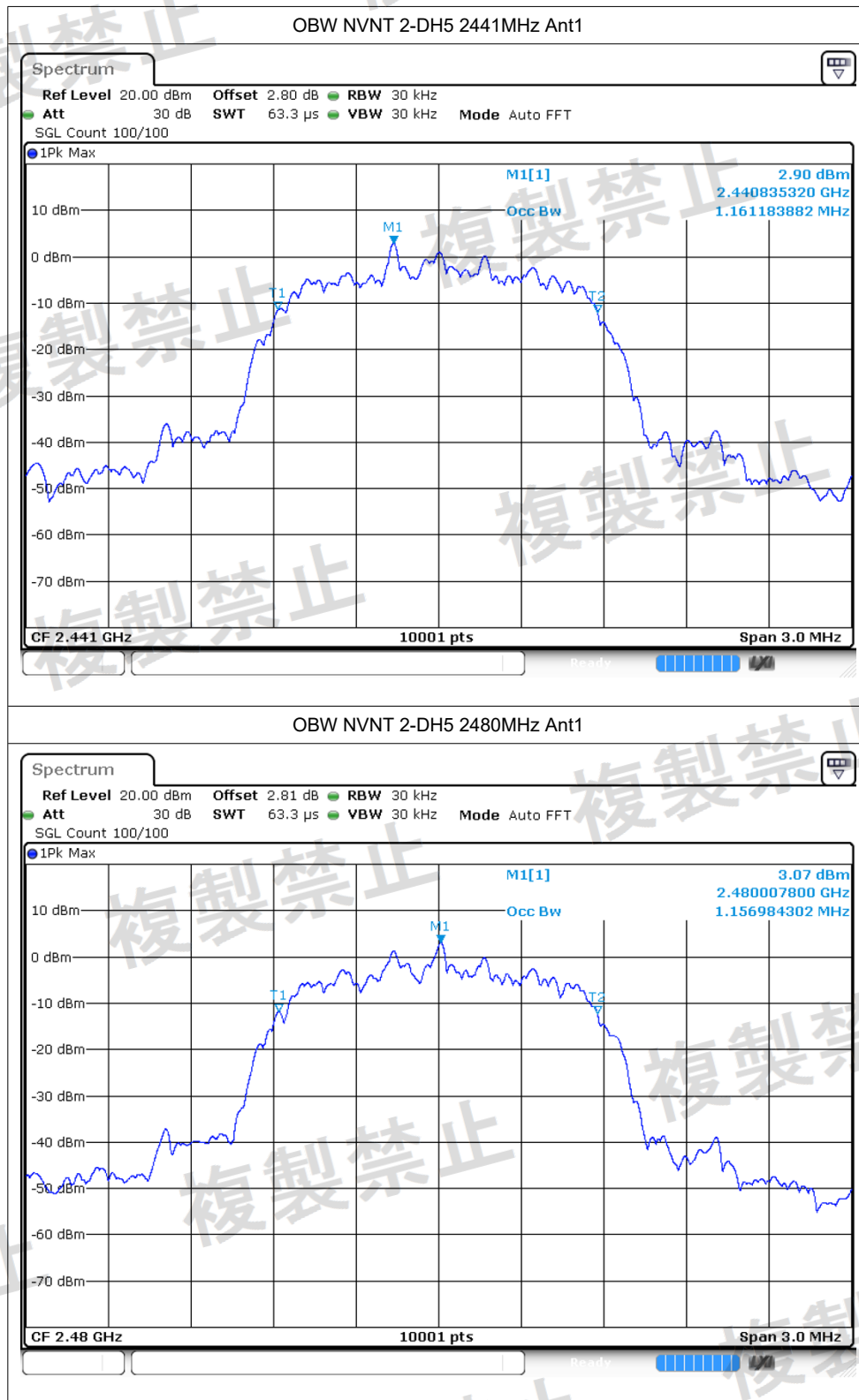
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	1-DH5	hopping	Ant1	0.107	-9.71	-7.35	-17.06	6.91	Pass
NVNT	1-DH5	hopping	Ant1	0.111	-9.55	-7.35	-16.9	6.91	Pass
NVNT	1-DH5	hopping	Ant1	0.113	-9.47	-7.35	-16.82	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.061	-12.15	-7.35	-19.5	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.062	-12.08	-7.35	-19.43	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.064	-11.94	-7.35	-19.29	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.058	-12.37	-7.35	-19.72	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.061	-12.15	-7.35	-19.5	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.063	-12.01	-7.35	-19.36	6.91	Pass

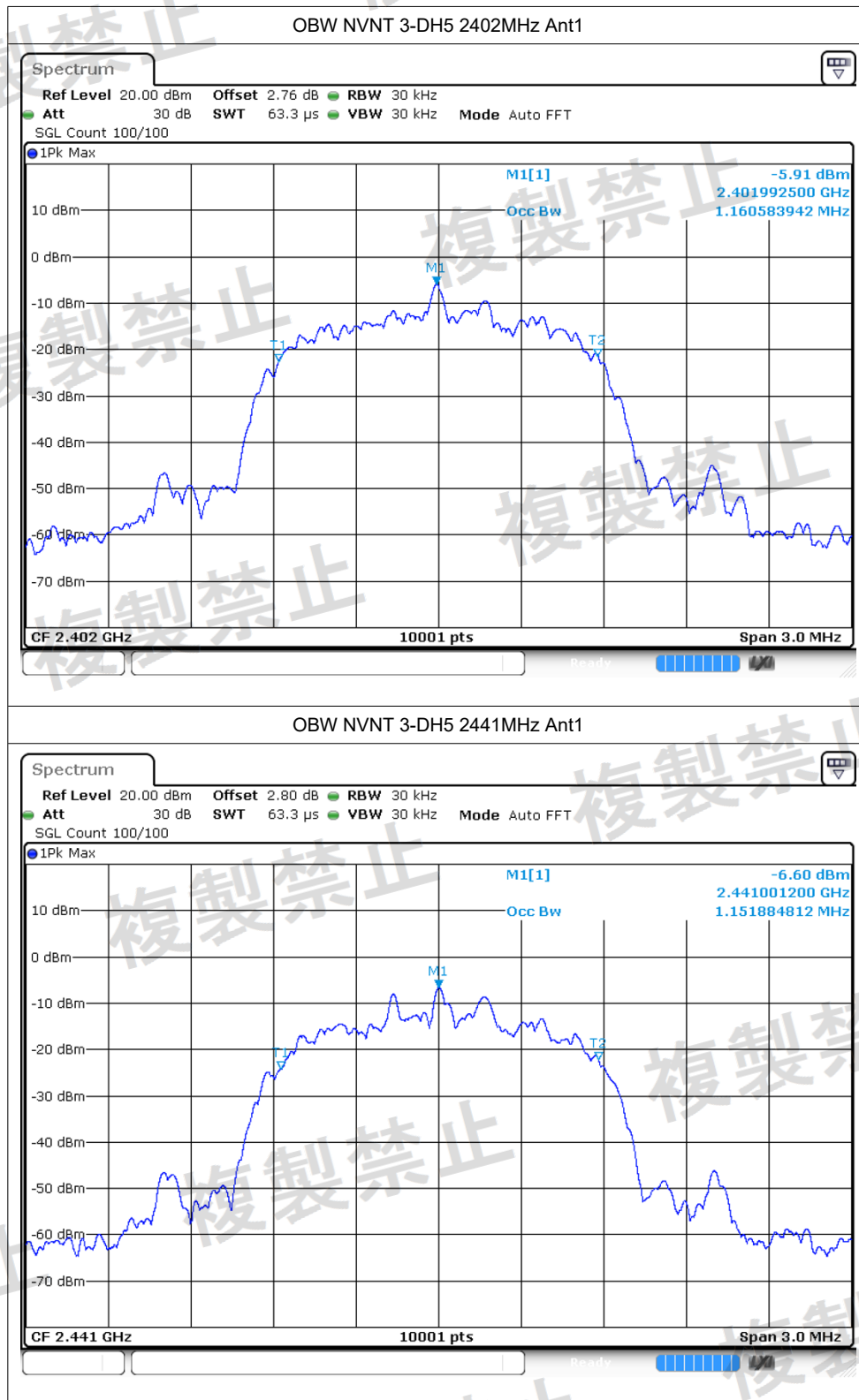
Occupied Channel Bandwidth

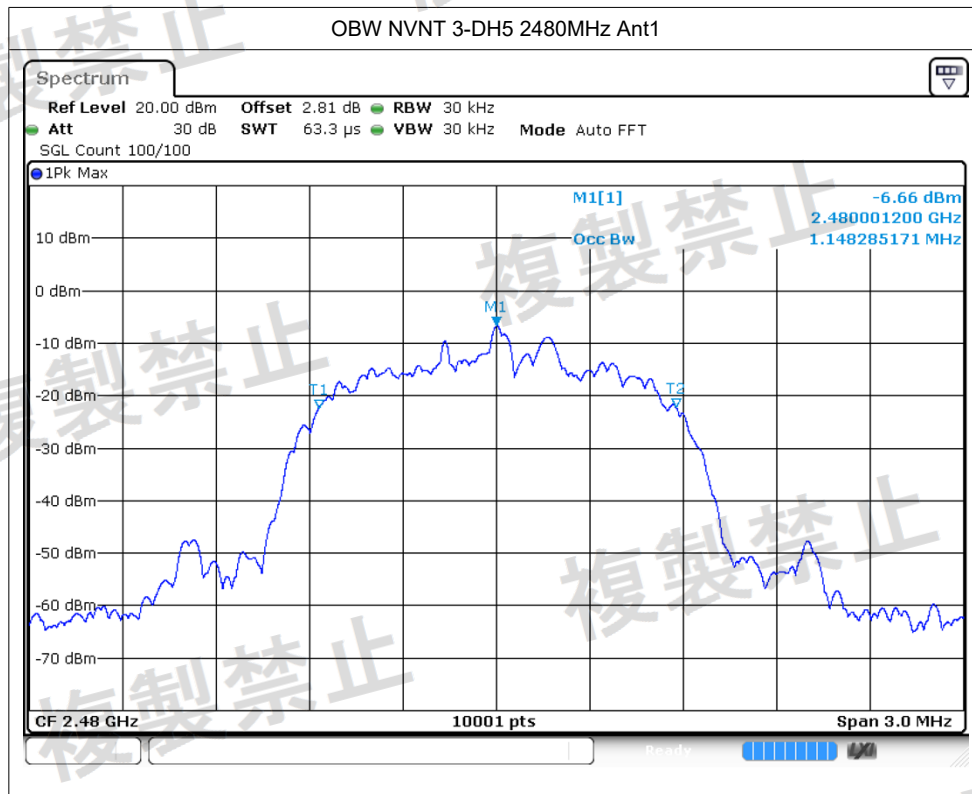
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.9
NVNT	1-DH5	2441	Ant1	0.898
NVNT	1-DH5	2480	Ant1	0.872
NVNT	2-DH5	2402	Ant1	1.167
NVNT	2-DH5	2441	Ant1	1.161
NVNT	2-DH5	2480	Ant1	1.157
NVNT	3-DH5	2402	Ant1	1.161
NVNT	3-DH5	2441	Ant1	1.152
NVNT	3-DH5	2480	Ant1	1.148





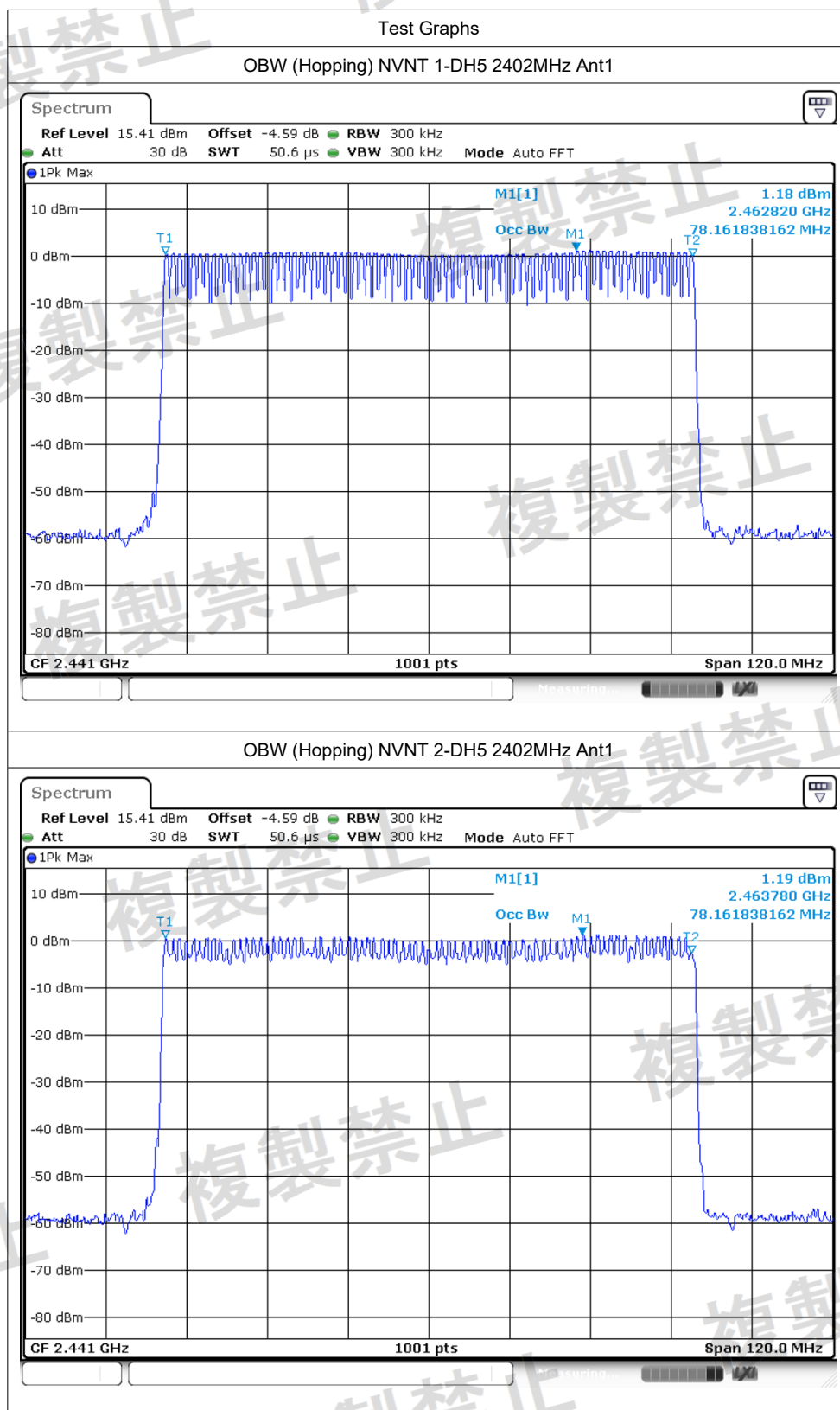


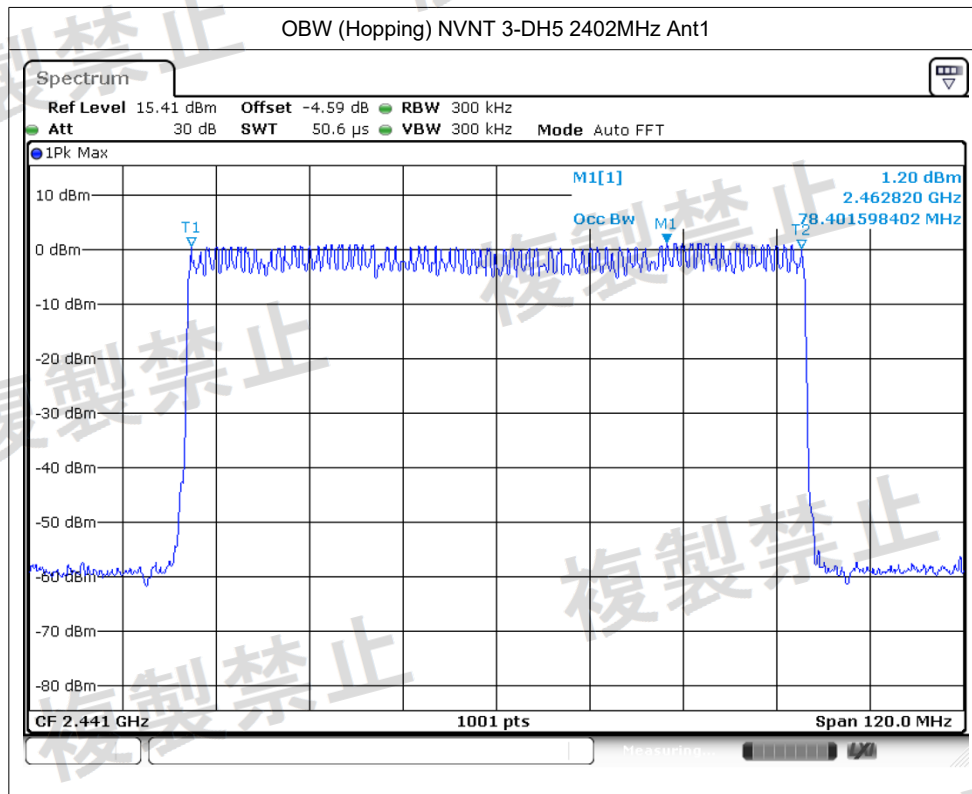




Occupied Channel Bandwidth (Hopping)

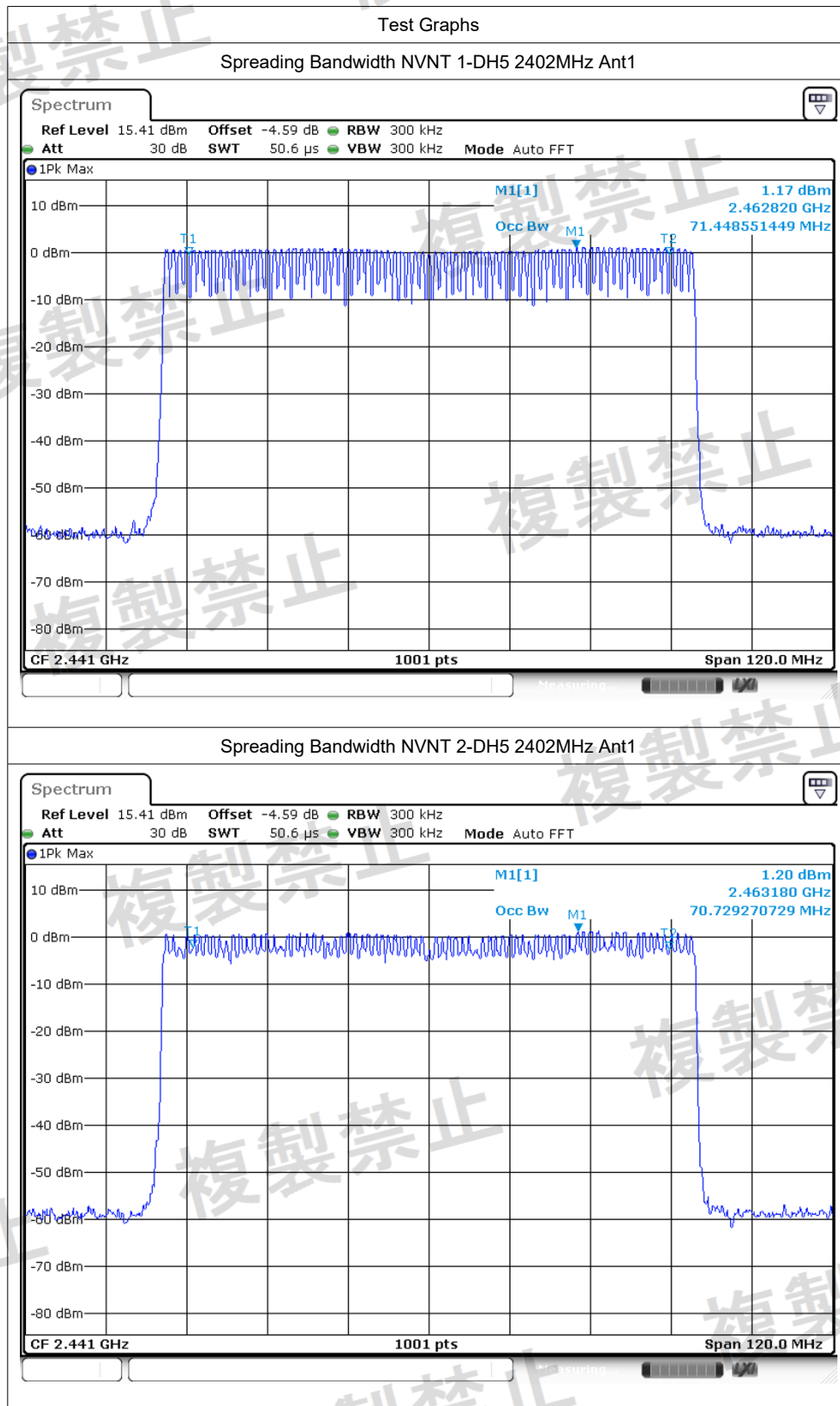
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	78.162
NVNT	2-DH5	2402	Ant1	78.162
NVNT	3-DH5	2402	Ant1	78.402

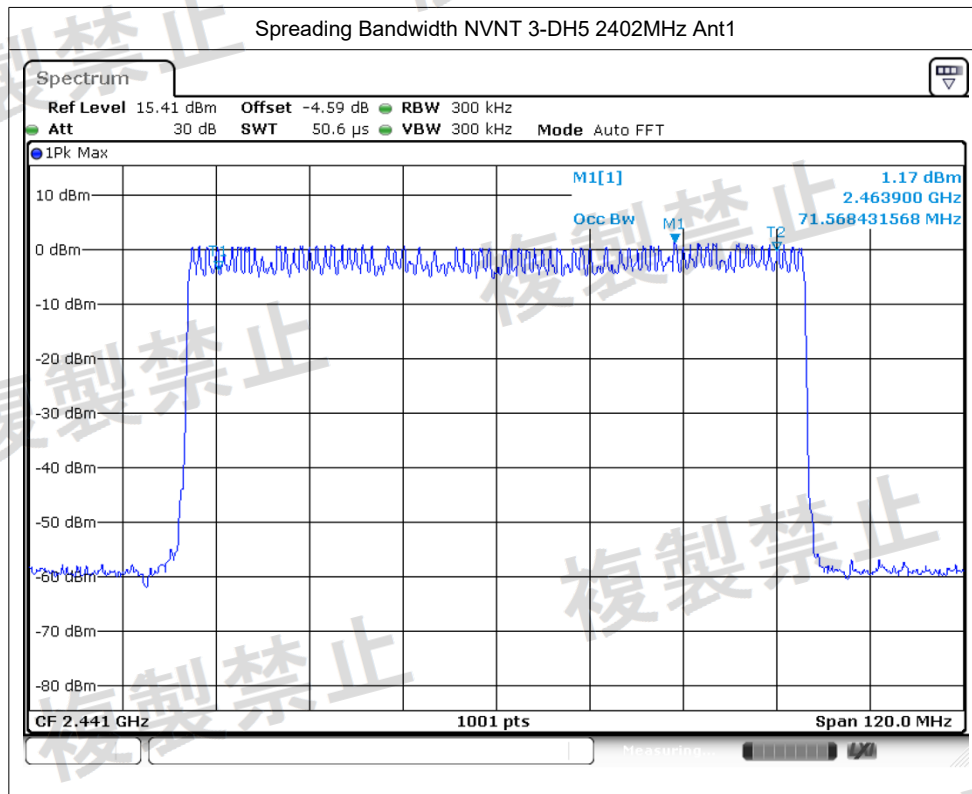




Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	71.449	0.5	Pass
NVNT	2-DH5	2402	Ant1	70.729	0.5	Pass
NVNT	3-DH5	2402	Ant1	71.568	0.5	Pass



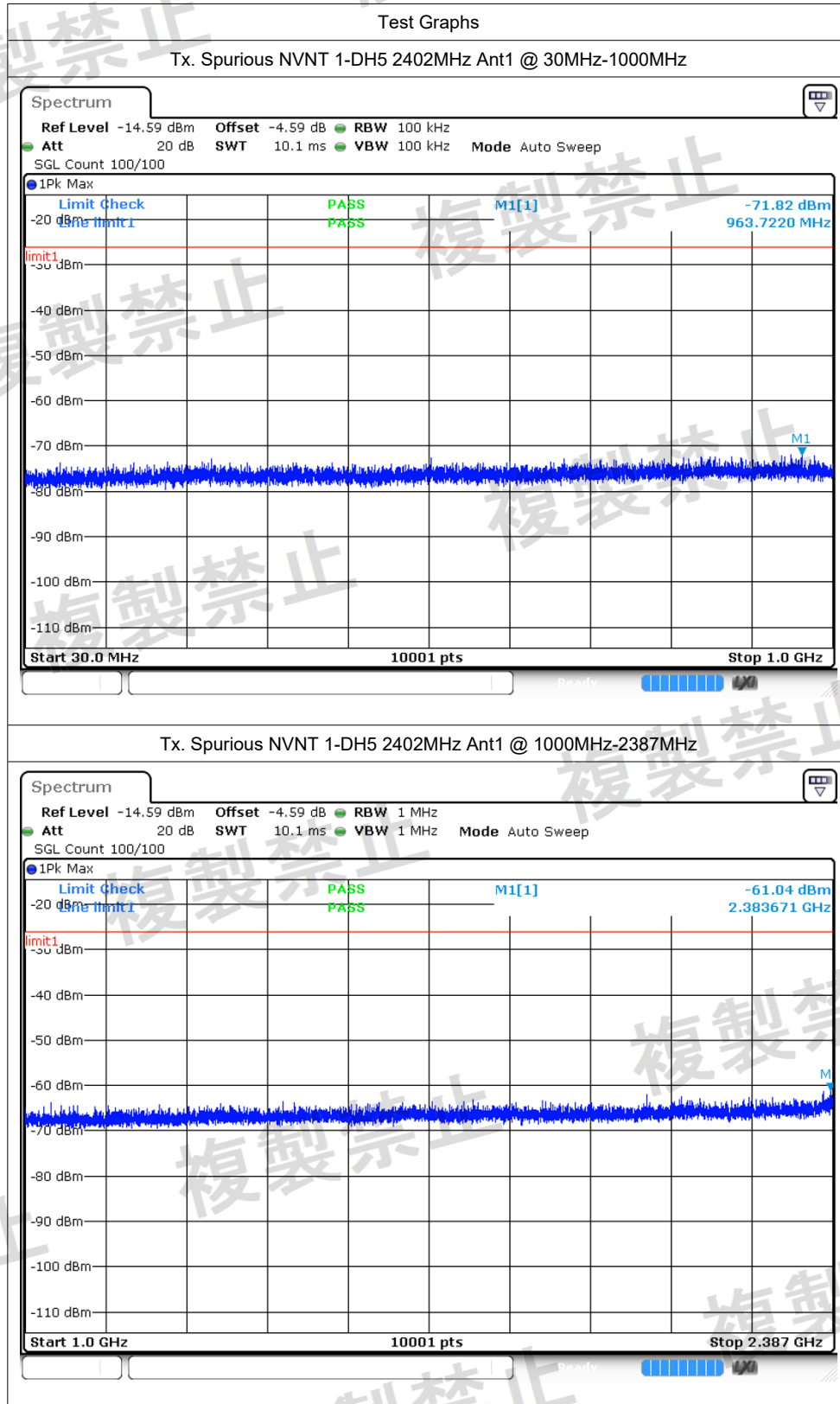


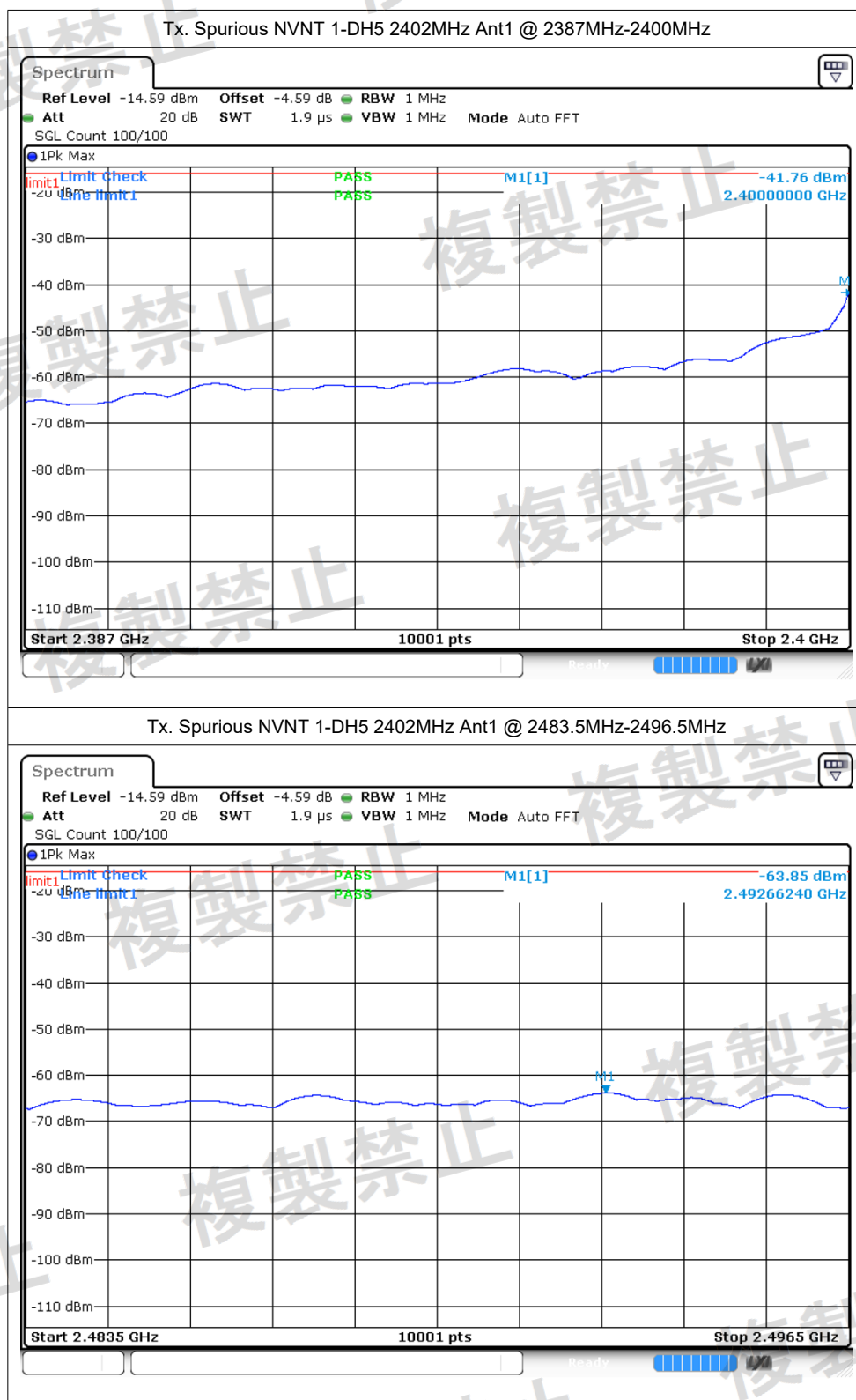
Tx Spurious Emission

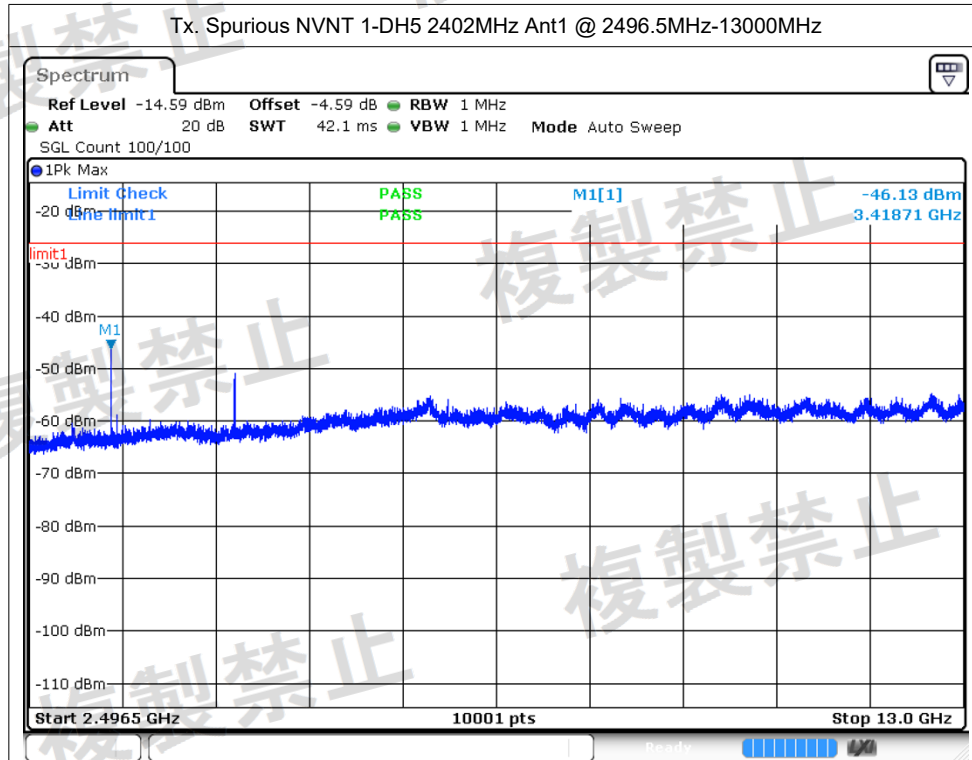
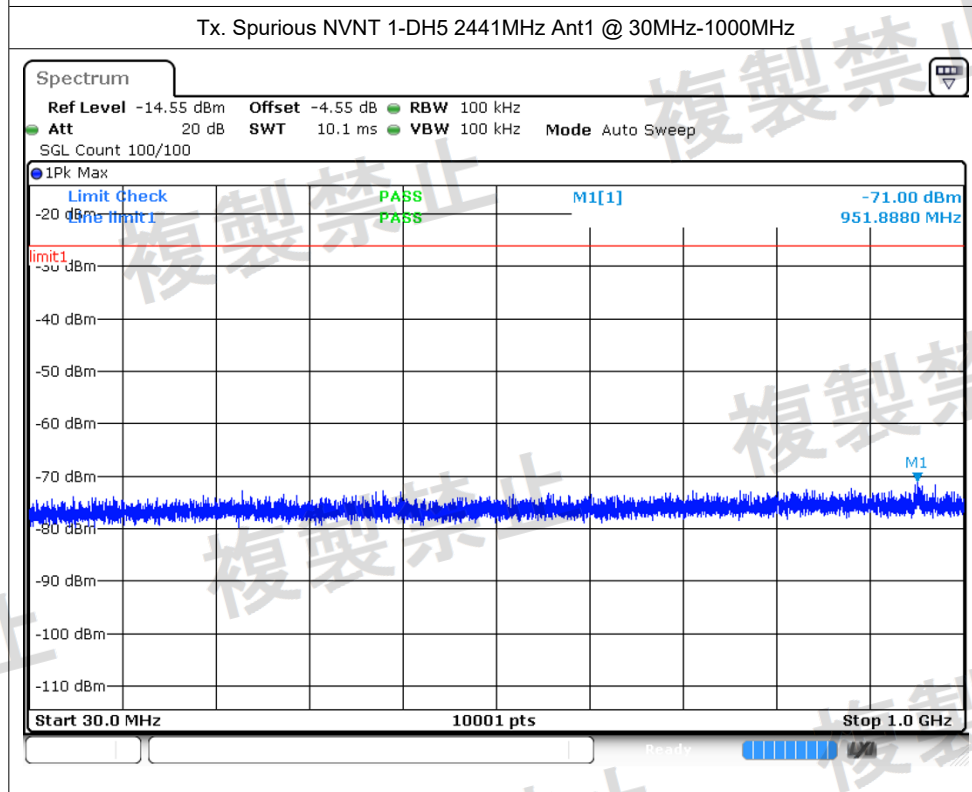
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	1-DH5	2402	Ant1	30-1000	963.72	-61.81	NA	0.0007	NA	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	1000-2387	2383.67	-61.03	NA	0.0008	NA	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	2387-2400	2400.00	-41.76	NA	0.0667	NA	25	25	Pass
NVNT	1-DH5	2402	Ant1	2483.5-2496.5	2492.66	-63.84	NA	0.0004	NA	25	25	Pass
NVNT	1-DH5	2402	Ant1	2496.5-13000	3418.71	-46.12	NA	0.0244	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	30-1000	951.89	-61.00	NA	0.0008	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	1000-2387	2311.41	-62.62	NA	0.0005	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	2387-2400	2399.47	-62.64	NA	0.0005	NA	25	25	Pass
NVNT	1-DH5	2441	Ant1	2483.5-2496.5	2493.21	-62.38	NA	0.0006	NA	25	25	Pass
NVNT	1-DH5	2441	Ant1	2496.5-13000	3476.48	-48.30	NA	0.0148	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	30-1000	950.92	-60.32	NA	0.0009	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	1000-2387	1777.14	-62.50	NA	0.0006	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	2387-2400	2388.22	-64.03	NA	0.0004	NA	25	25	Pass
NVNT	1-DH5	2480	Ant1	2483.5-2496.5	2483.50	-55.46	NA	0.0028	NA	25	25	Pass
NVNT	1-DH5	2480	Ant1	2496.5-13000	2532.21	-46.84	NA	0.0207	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	30-1000	950.34	-60.46	NA	0.0009	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	1000-2387	2370.77	-60.57	NA	0.0009	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	2387-2400	2400.00	-35.17	NA	0.3041	NA	25	25	Pass
NVNT	2-DH5	2402	Ant1	2483.5-2496.5	2486.60	-63.77	NA	0.0004	NA	25	25	Pass
NVNT	2-DH5	2402	Ant1	2496.5-13000	3410.30	-45.86	NA	0.0259	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	30-1000	950.24	-60.03	NA	0.001	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	1000-2387	2245.66	-62.65	NA	0.0005	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	2387-2400	2394.45	-64.67	NA	0.0003	NA	25	25	Pass
NVNT	2-DH5	2441	Ant1	2483.5-2496.5	2487.96	-62.99	NA	0.0005	NA	25	25	Pass
NVNT	2-DH5	2441	Ant1	2496.5-13000	3485.93	-46.06	NA	0.0248	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	30-1000	904.07	-62.17	NA	0.0006	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	1000-2387	1992.40	-62.31	NA	0.0006	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	2387-2400	2397.77	-64.70	NA	0.0003	NA	25	25	Pass
NVNT	2-DH5	2480	Ant1	2483.5-2496.5	2483.50	-58.98	NA	0.0013	NA	25	25	Pass
NVNT	2-DH5	2480	Ant1	2496.5-13000	3427.11	-54.10	NA	0.0039	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	30-1000	895.53	-61.63	NA	0.0007	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	1000-2387	2066.60	-61.75	NA	0.0007	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	2387-2400	2400.00	-47.67	NA	0.0171	NA	25	25	Pass
NVNT	3-DH5	2402	Ant1	2483.5-2496.5	2488.73	-63.58	NA	0.0004	NA	25	25	Pass
NVNT	3-DH5	2402	Ant1	2496.5-13000	11193.40	-53.94	NA	0.004	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	30-1000	883.12	-62.08	NA	0.0006	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	1000-2387	1329.14	-62.34	NA	0.0006	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	2387-2400	2398.62	-64.01	NA	0.0004	NA	25	25	Pass

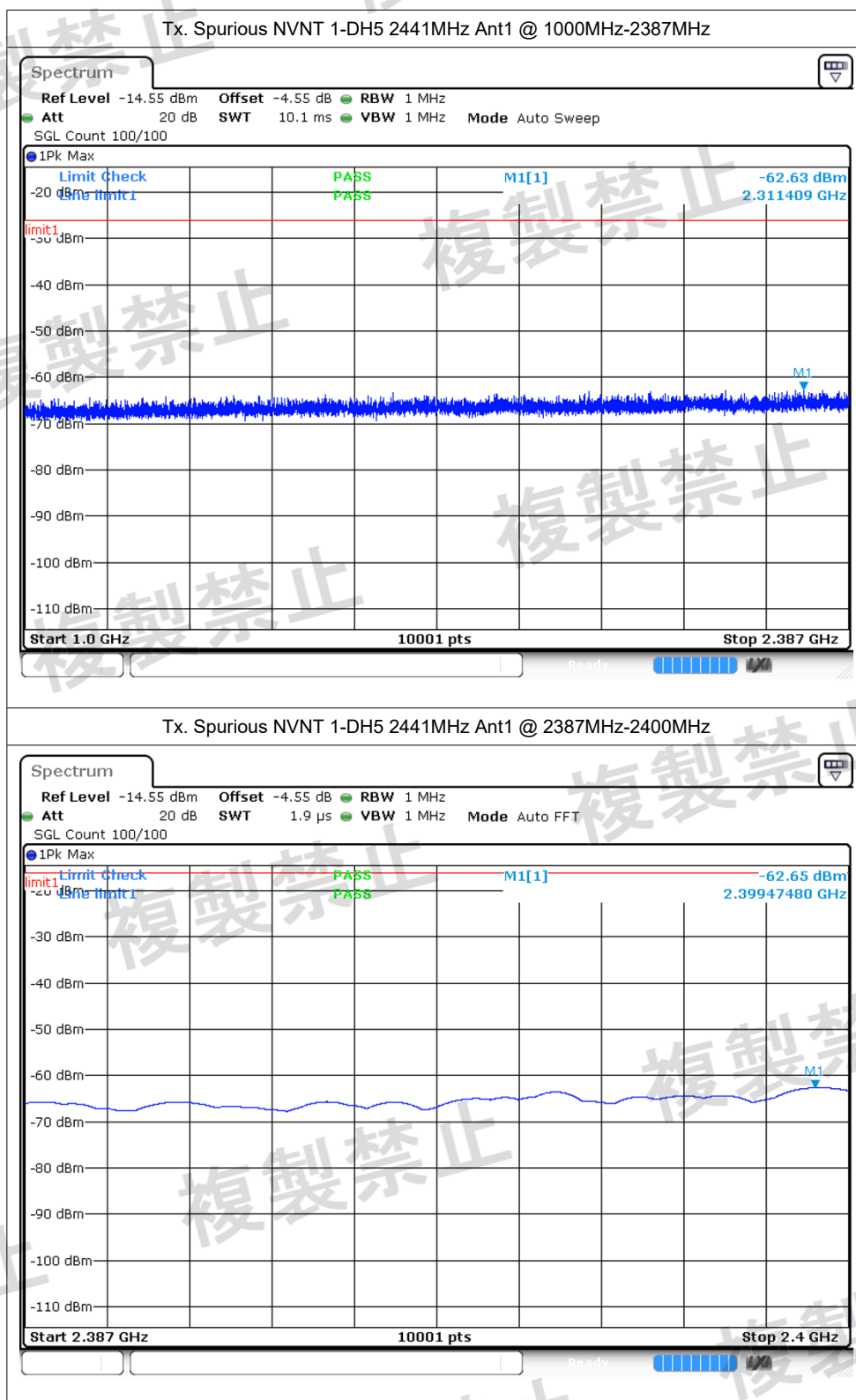


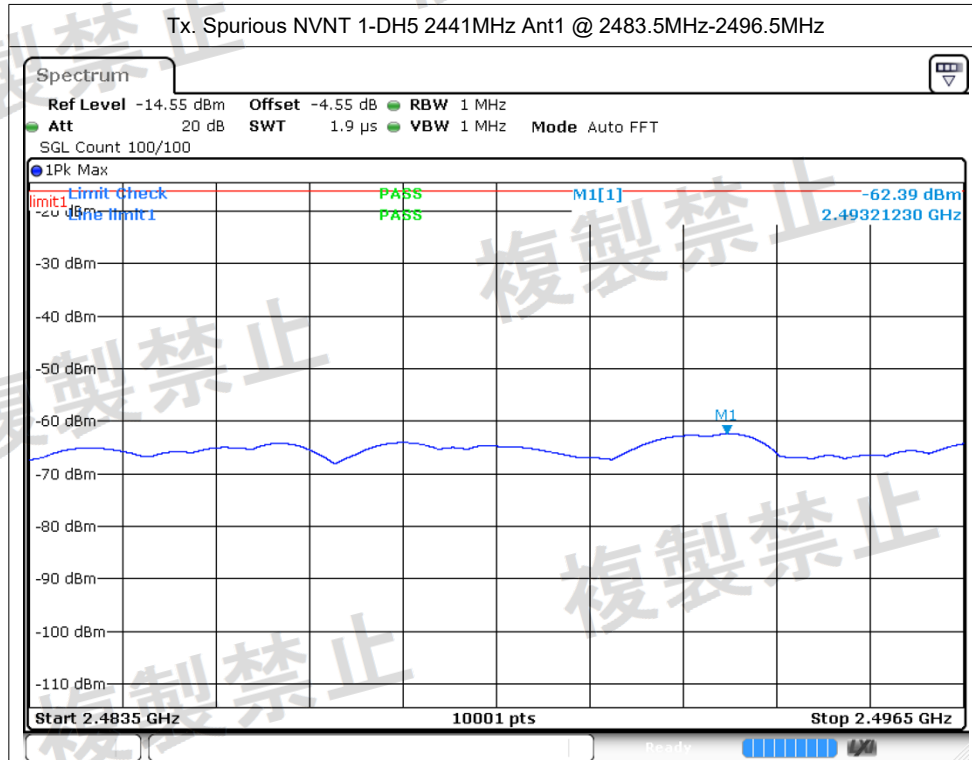
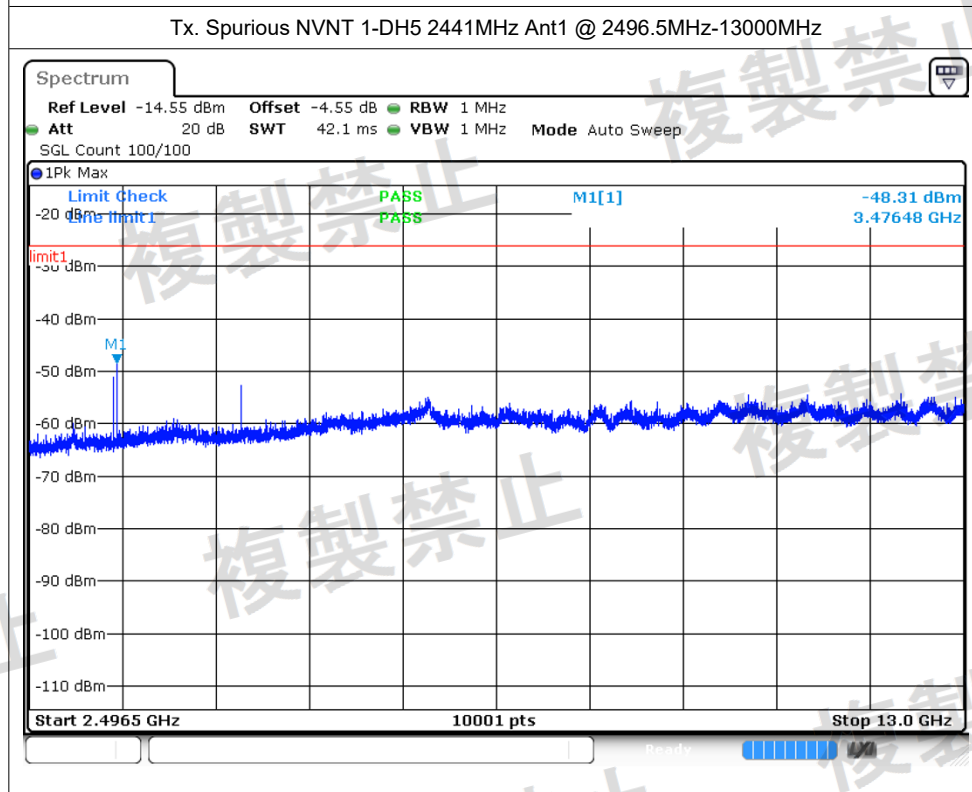
NVNT	3-DH5	2441	Ant1	2483.5-2496.5	2485.56	-63.82	NA	0.0004	NA	25	25	Pass
NVNT	3-DH5	2441	Ant1	2496.5-13000	12600.87	-54.57	NA	0.0035	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	30-1000	952.08	-61.64	NA	0.0007	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	1000-2387	2146.22	-61.62	NA	0.0007	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	2387-2400	2397.38	-64.90	NA	0.0003	NA	25	25	Pass
NVNT	3-DH5	2480	Ant1	2483.5-2496.5	2489.82	-64.45	NA	0.0004	NA	25	25	Pass
NVNT	3-DH5	2480	Ant1	2496.5-13000	3475.43	-50.79	NA	0.0083	NA	2.5	2.5	Pass

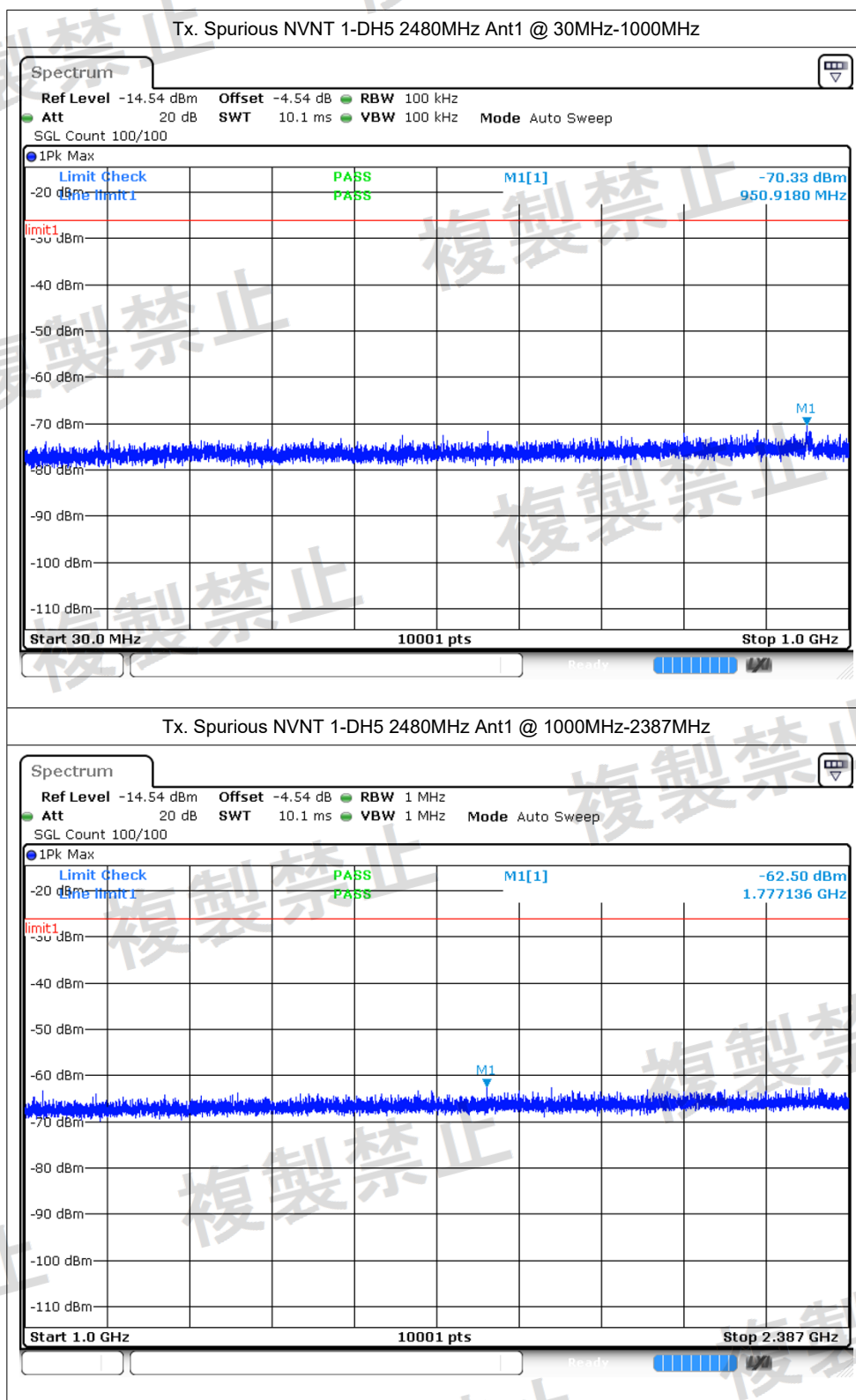


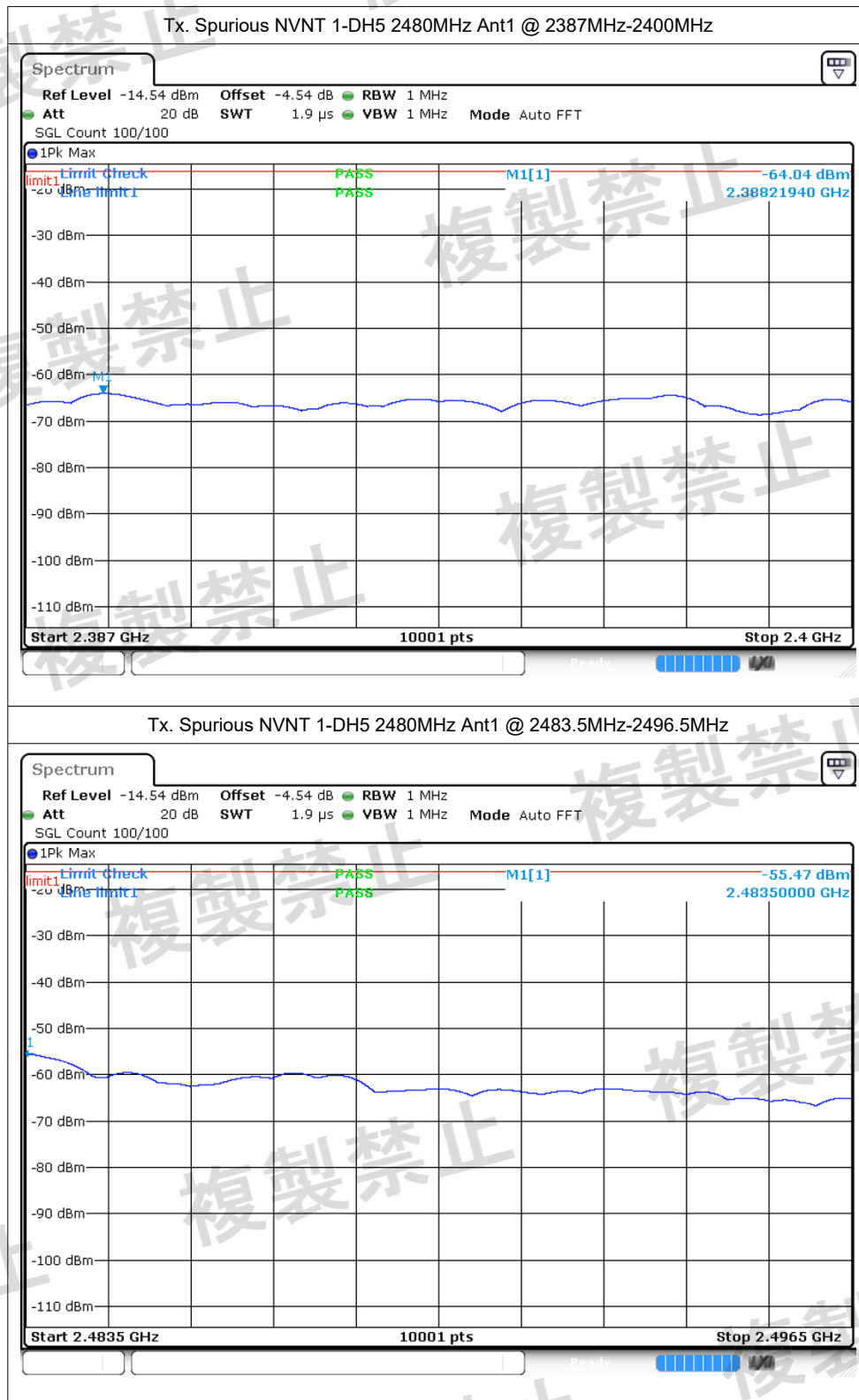


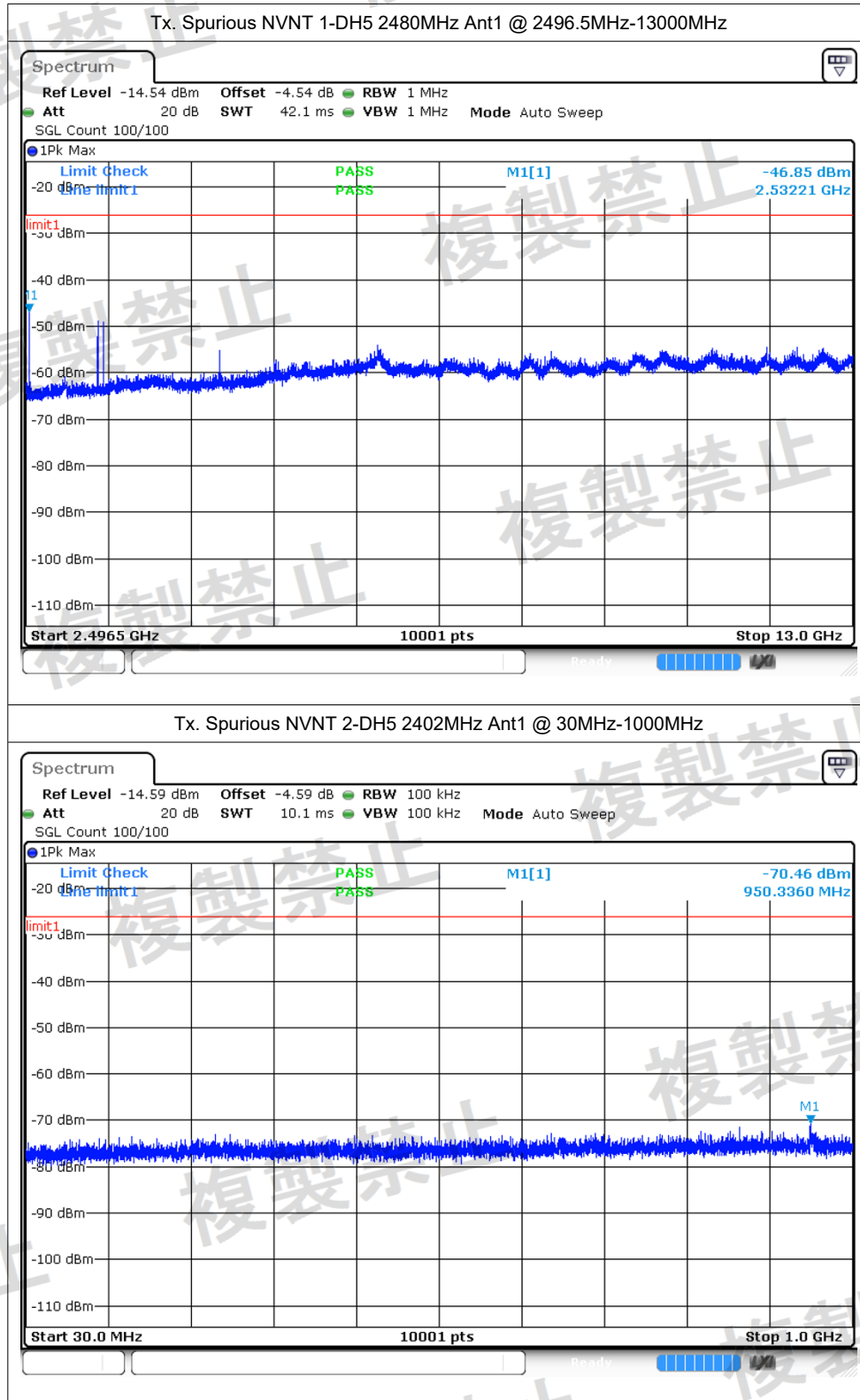


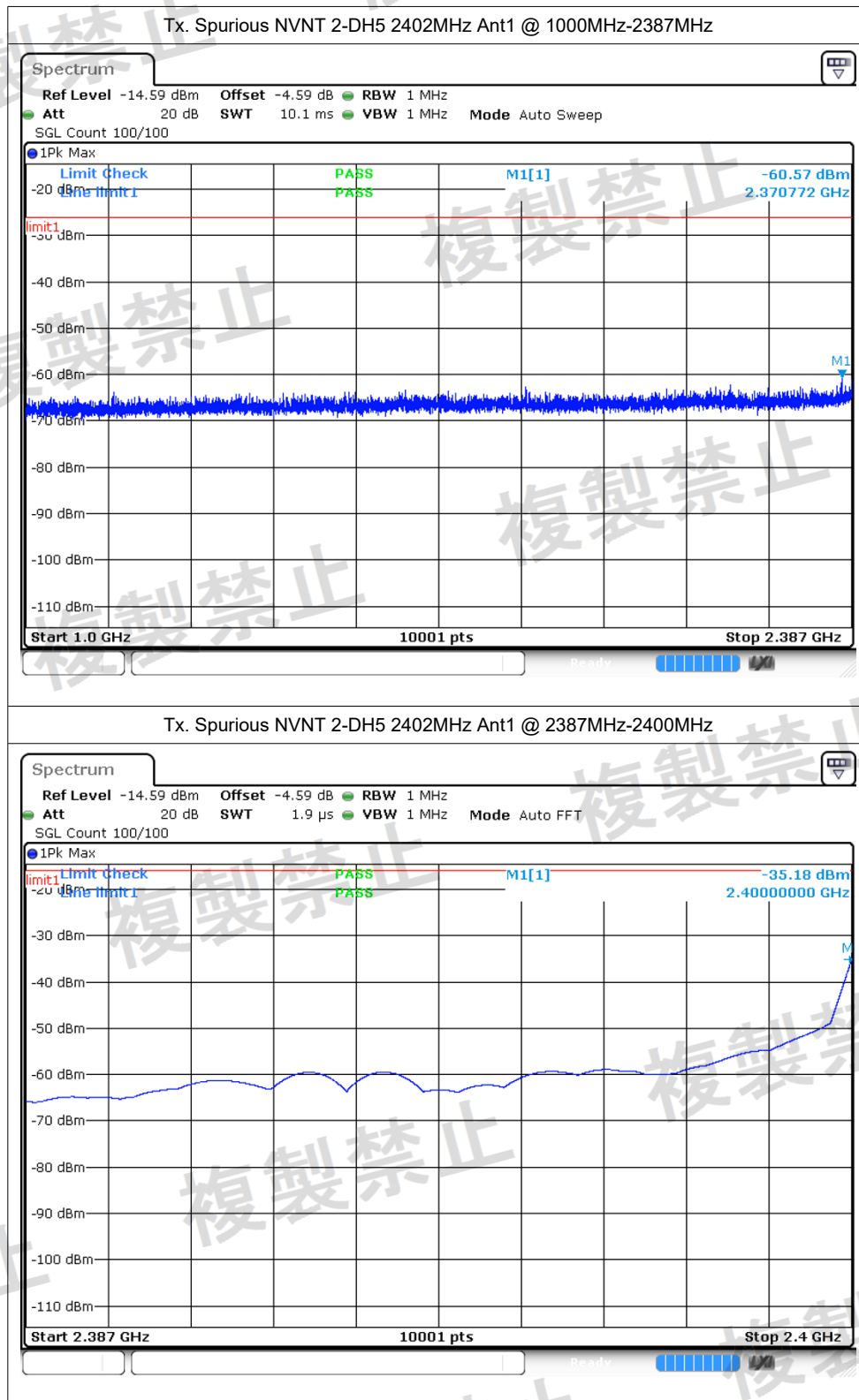


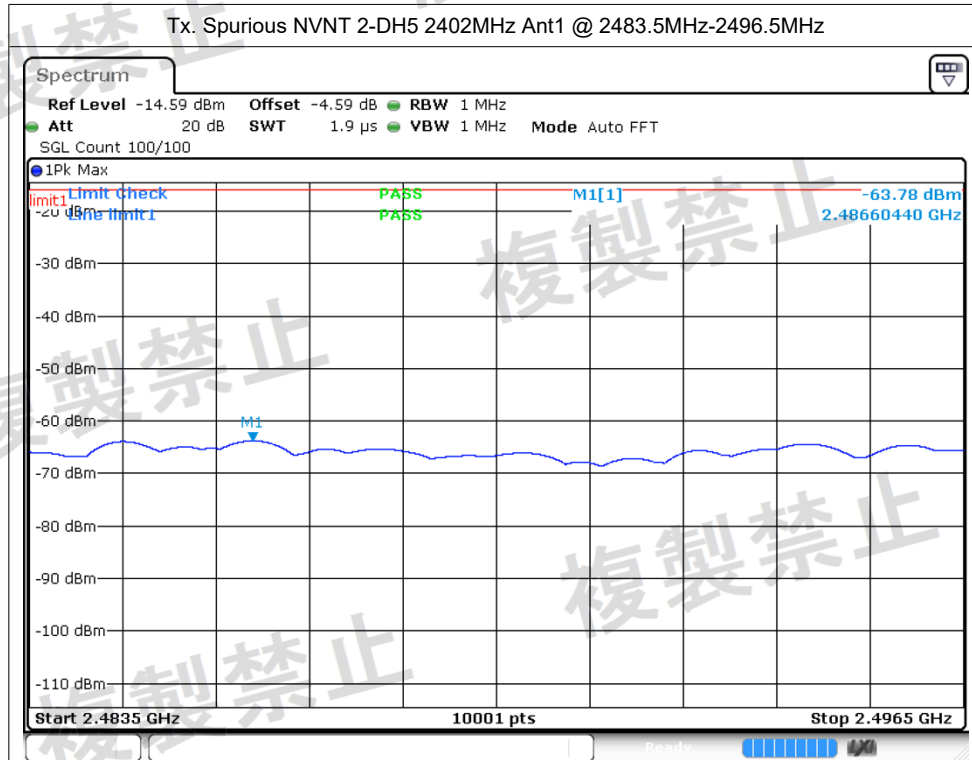
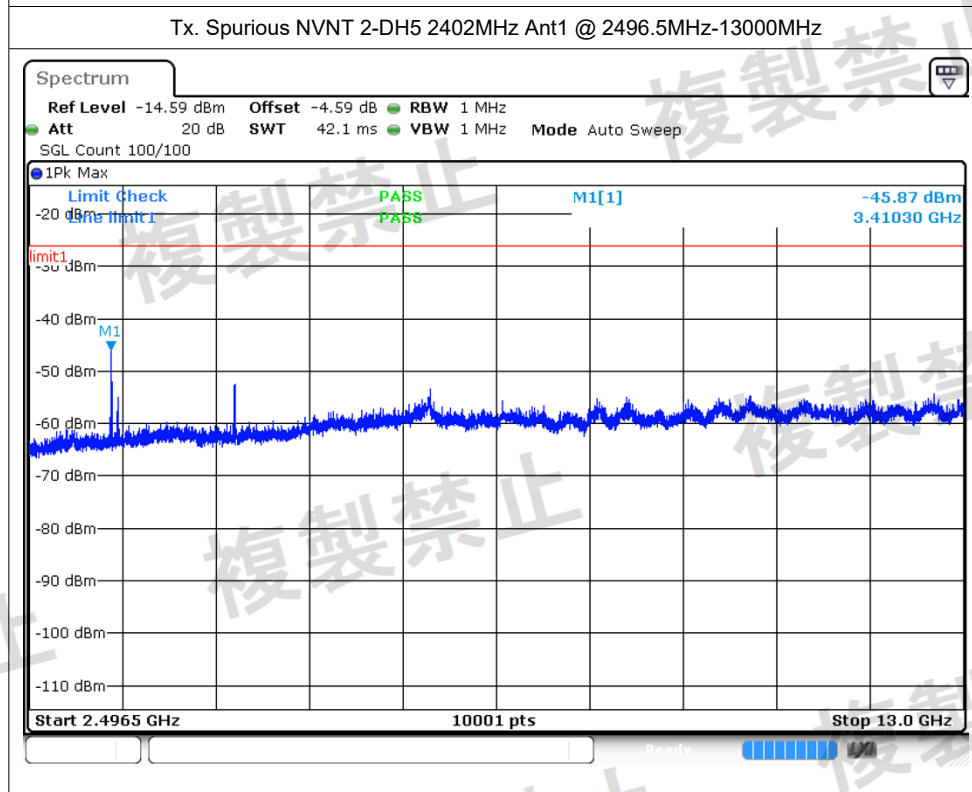


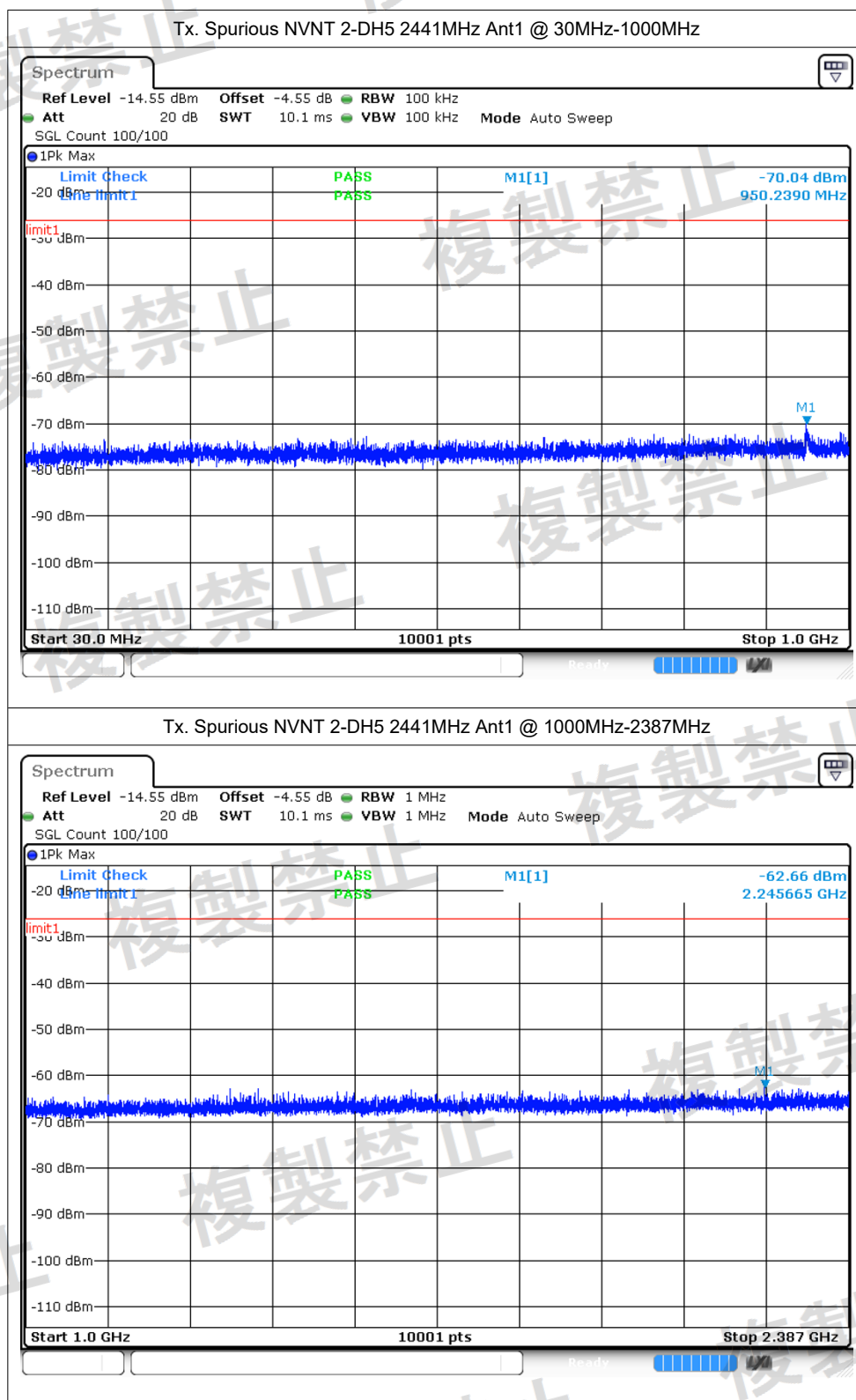


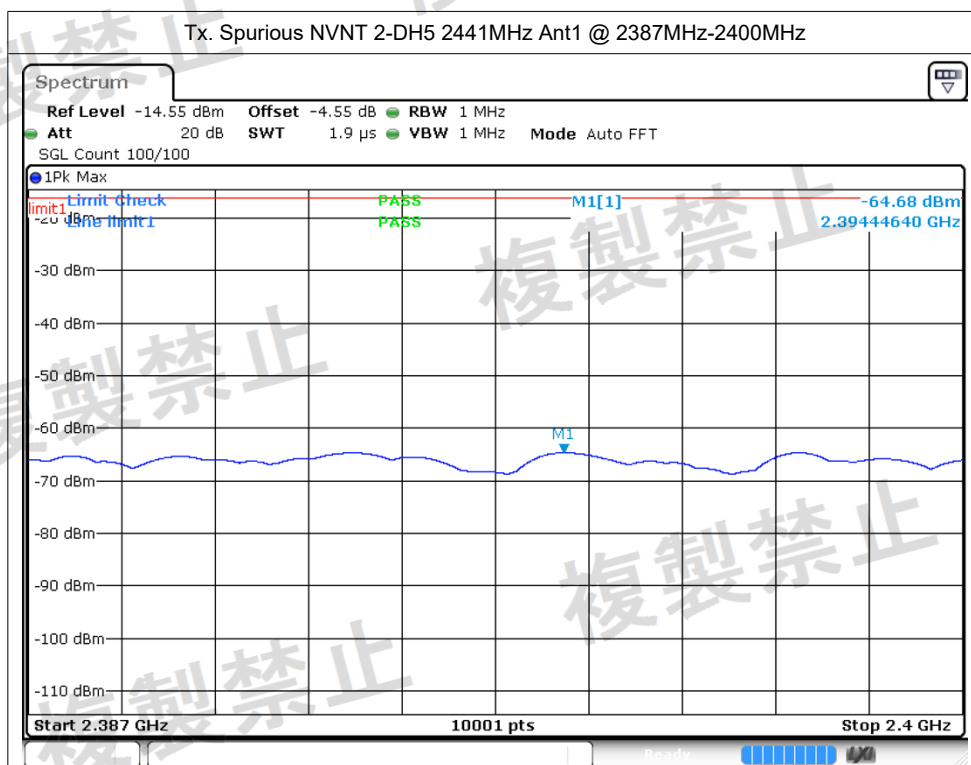
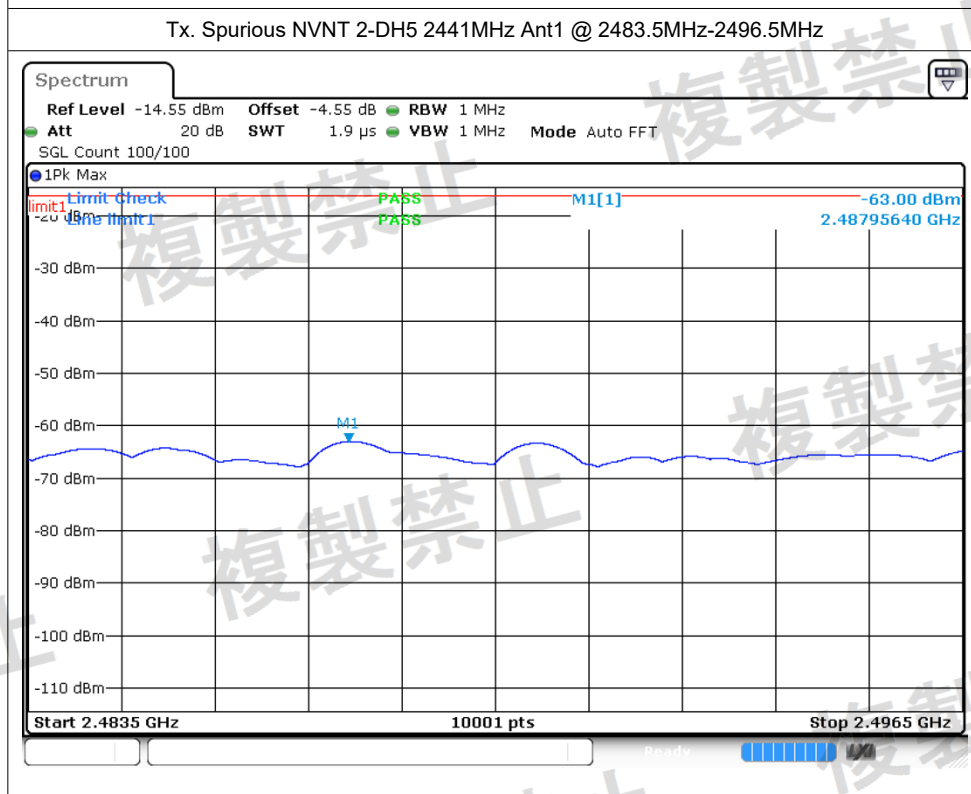


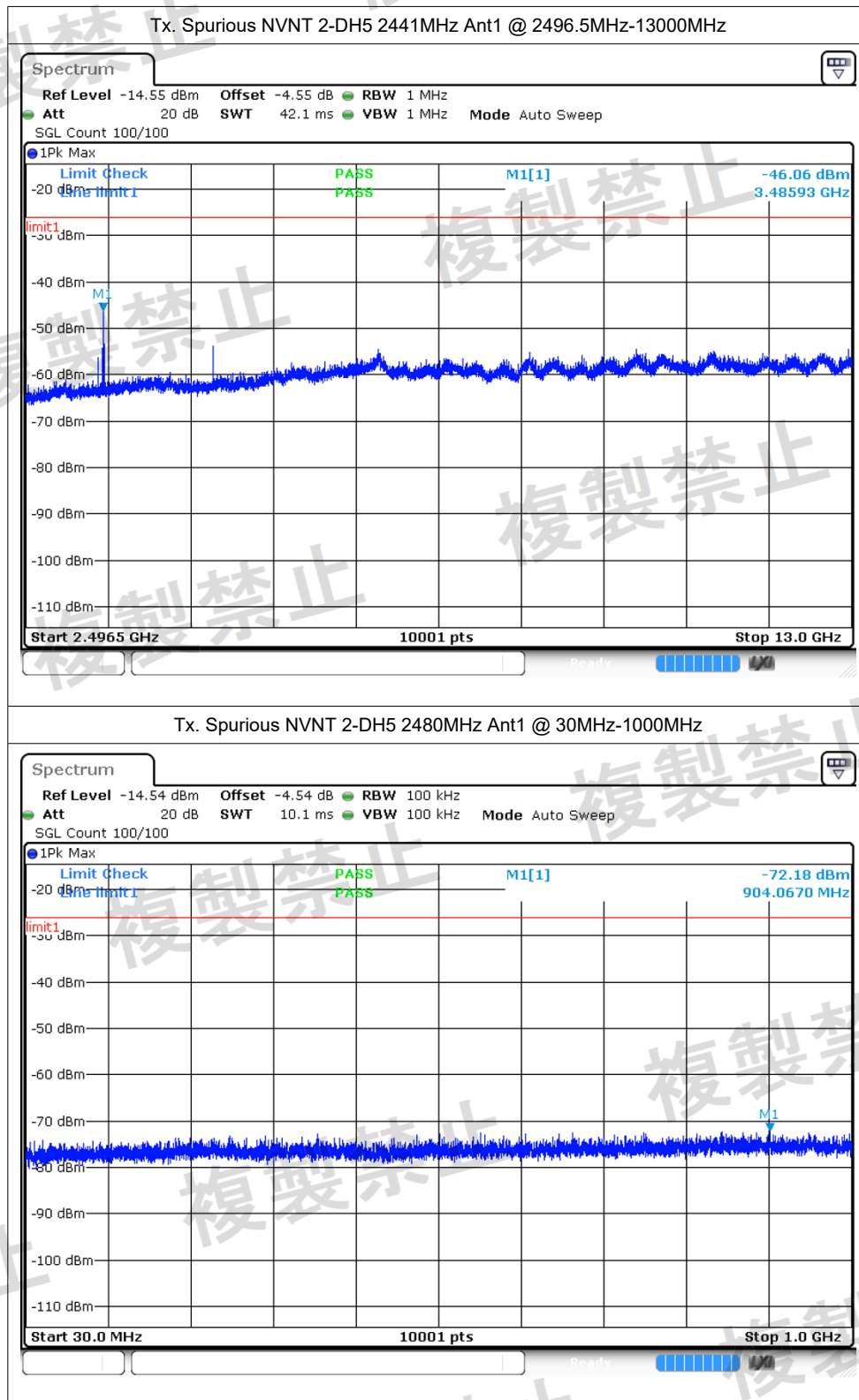


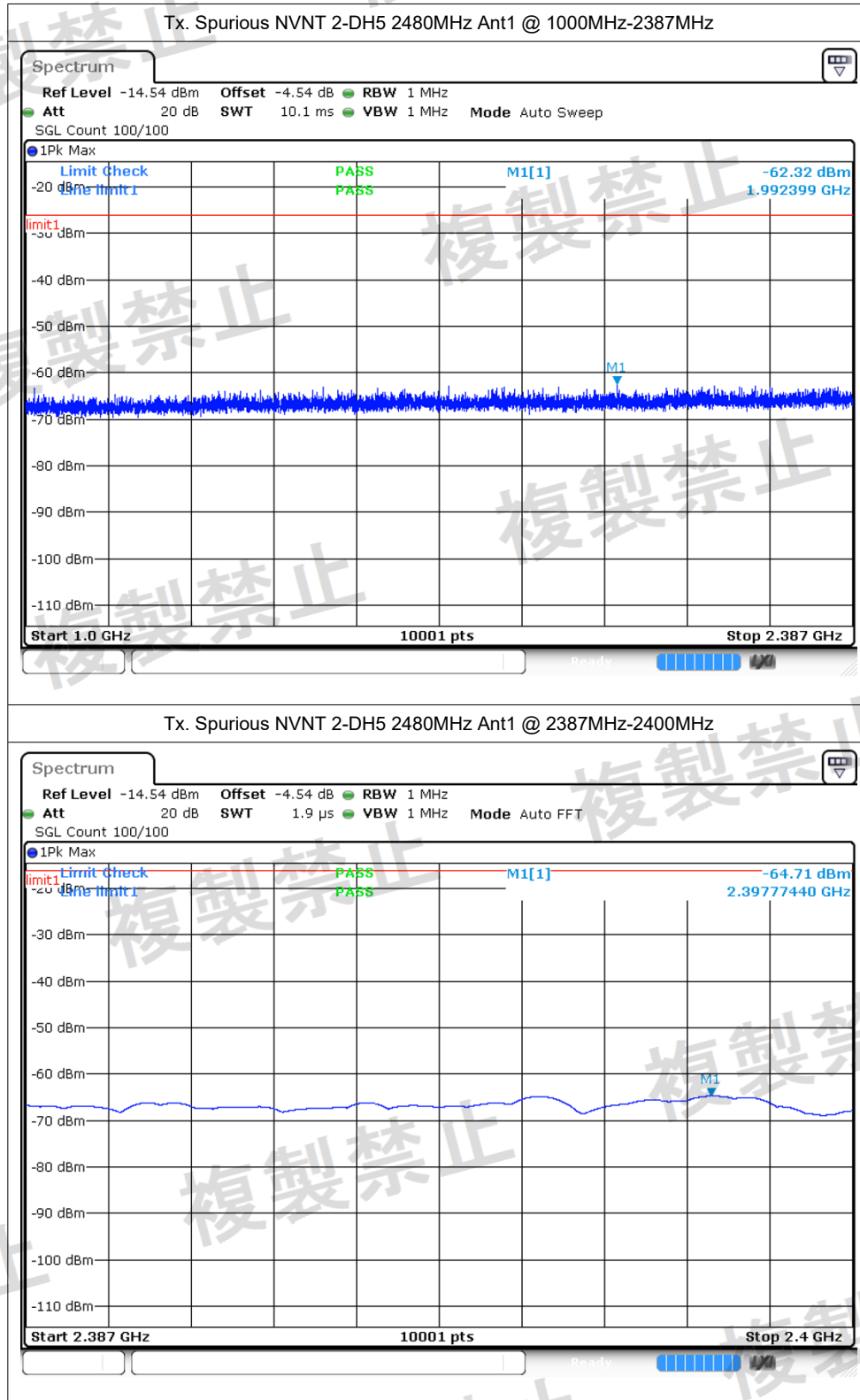


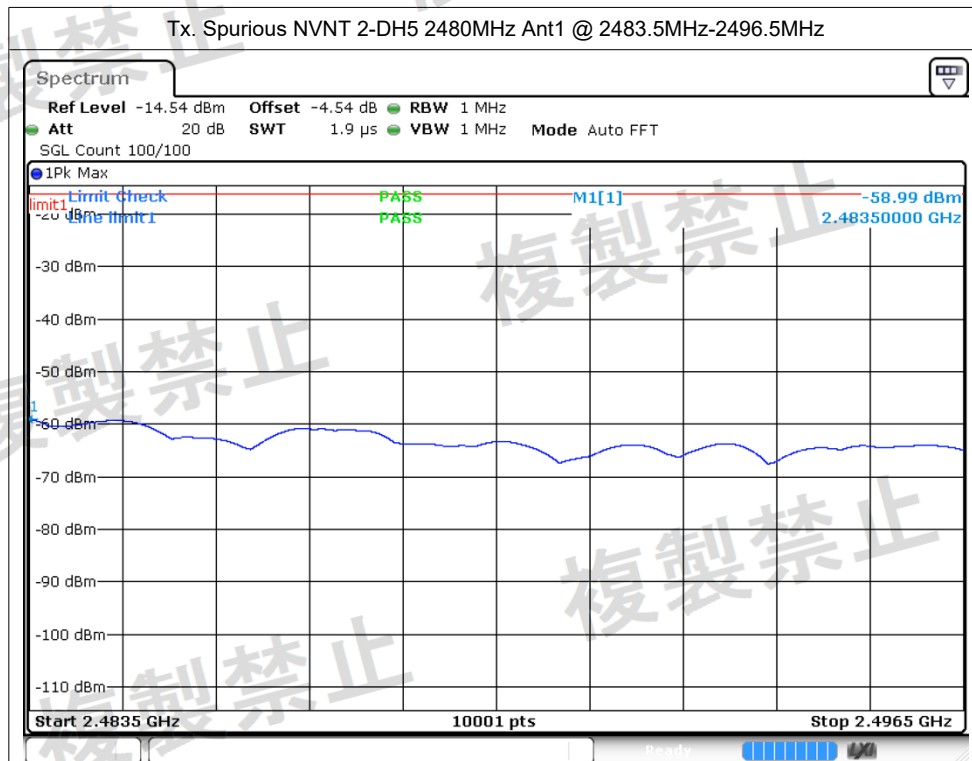
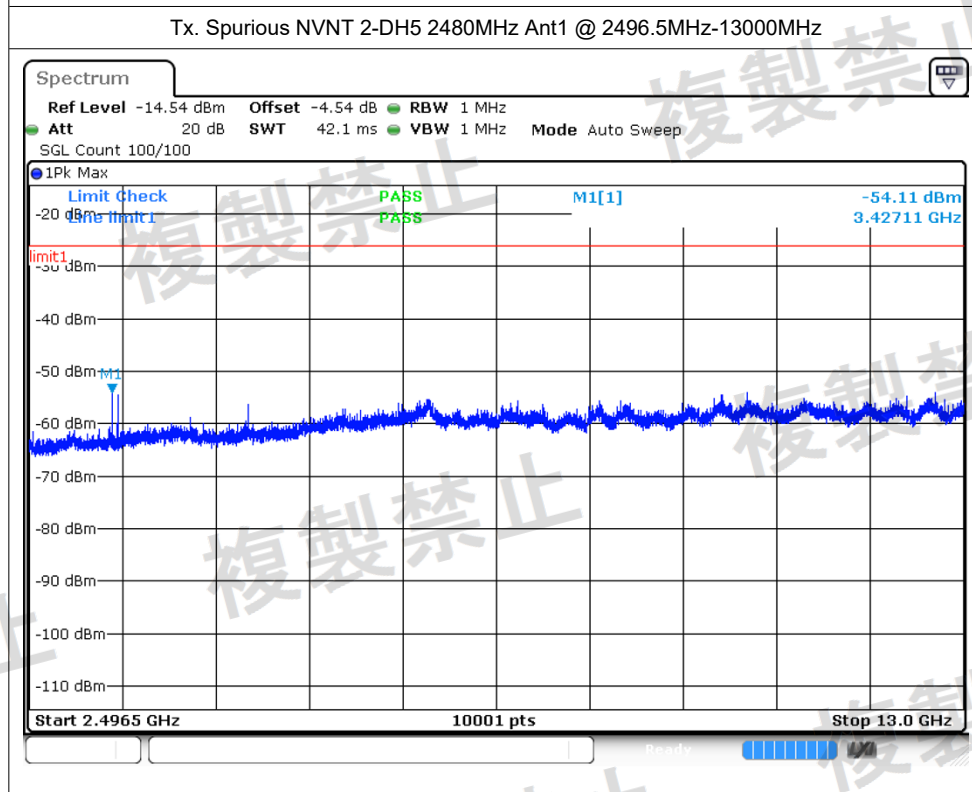


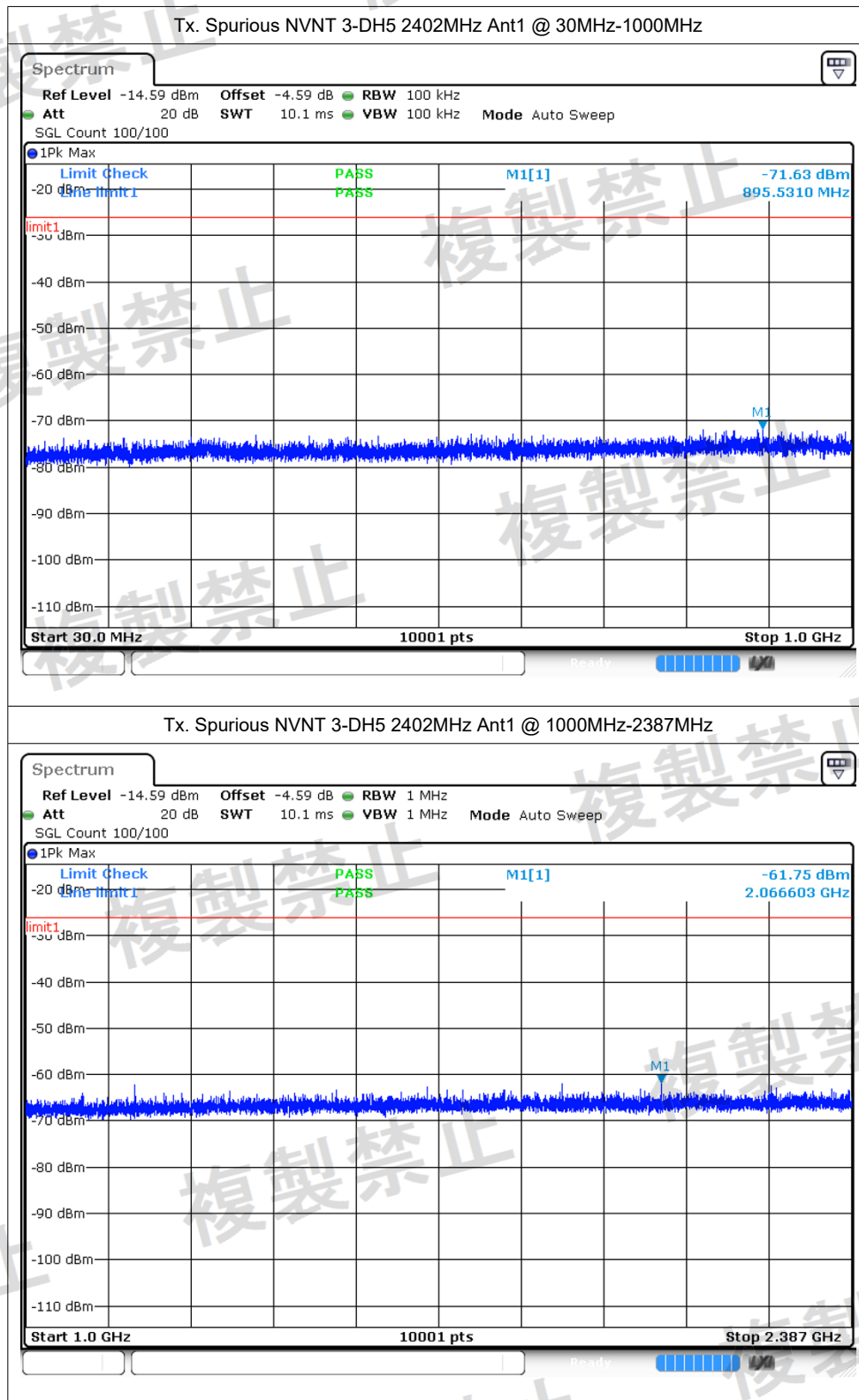


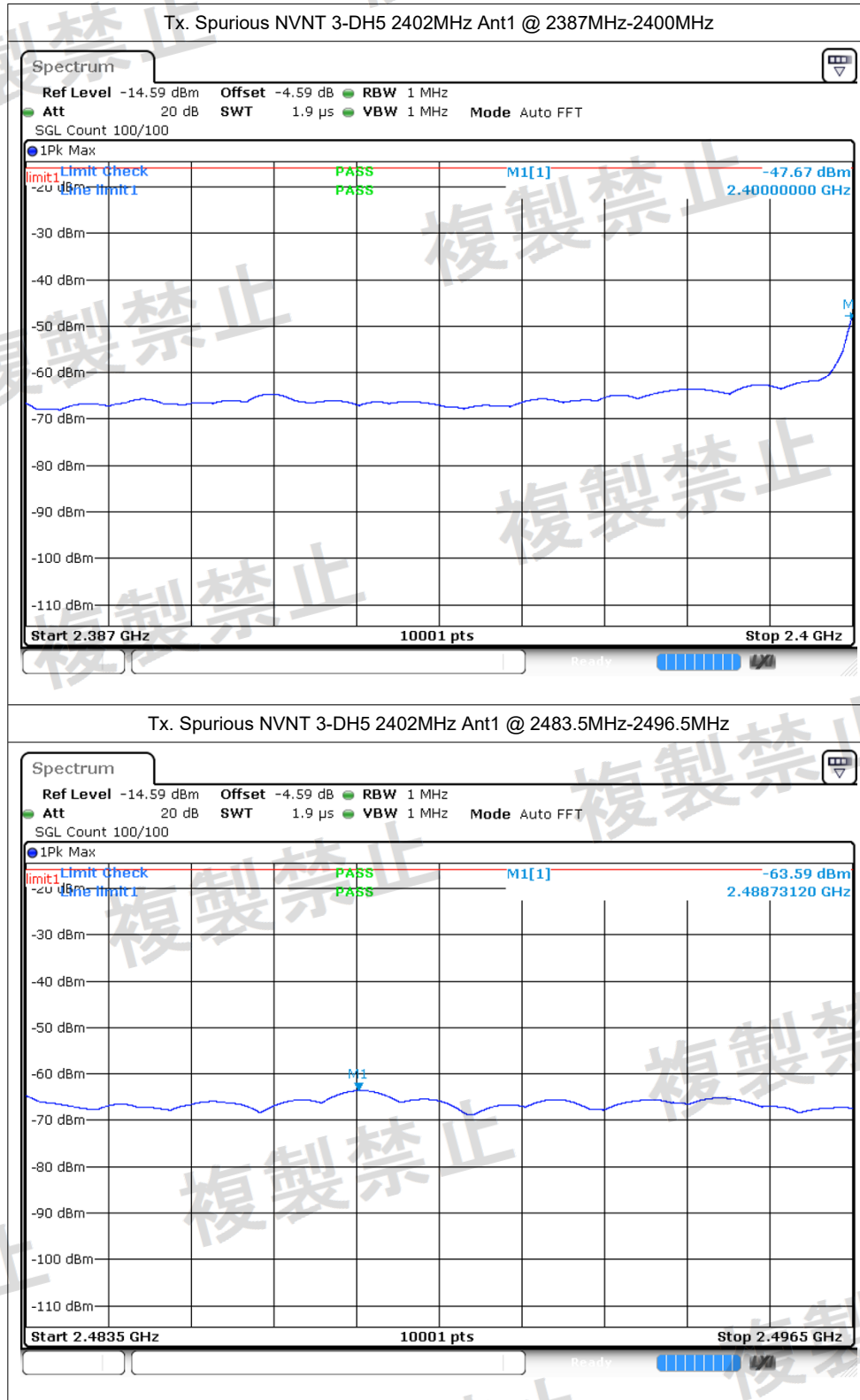


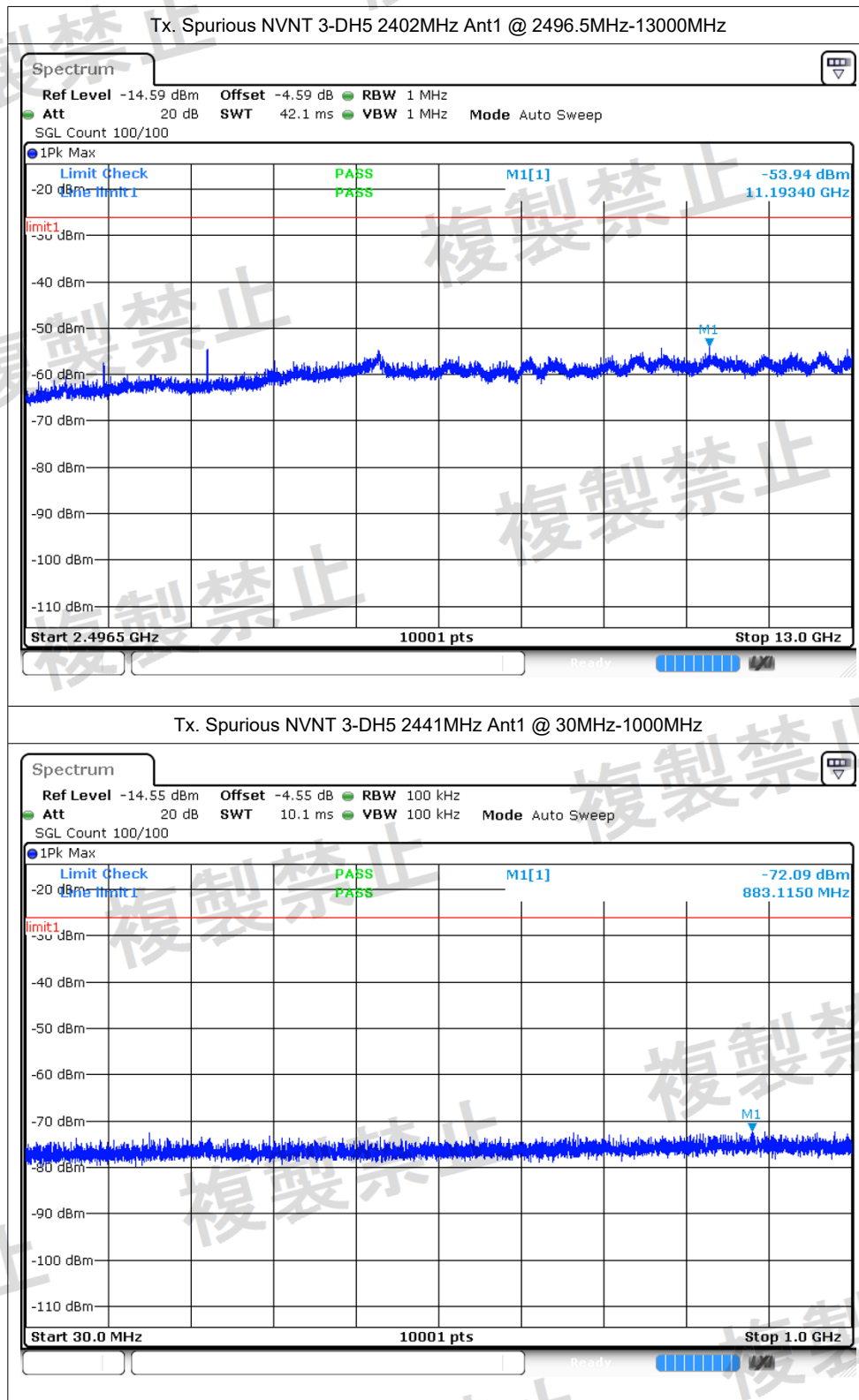


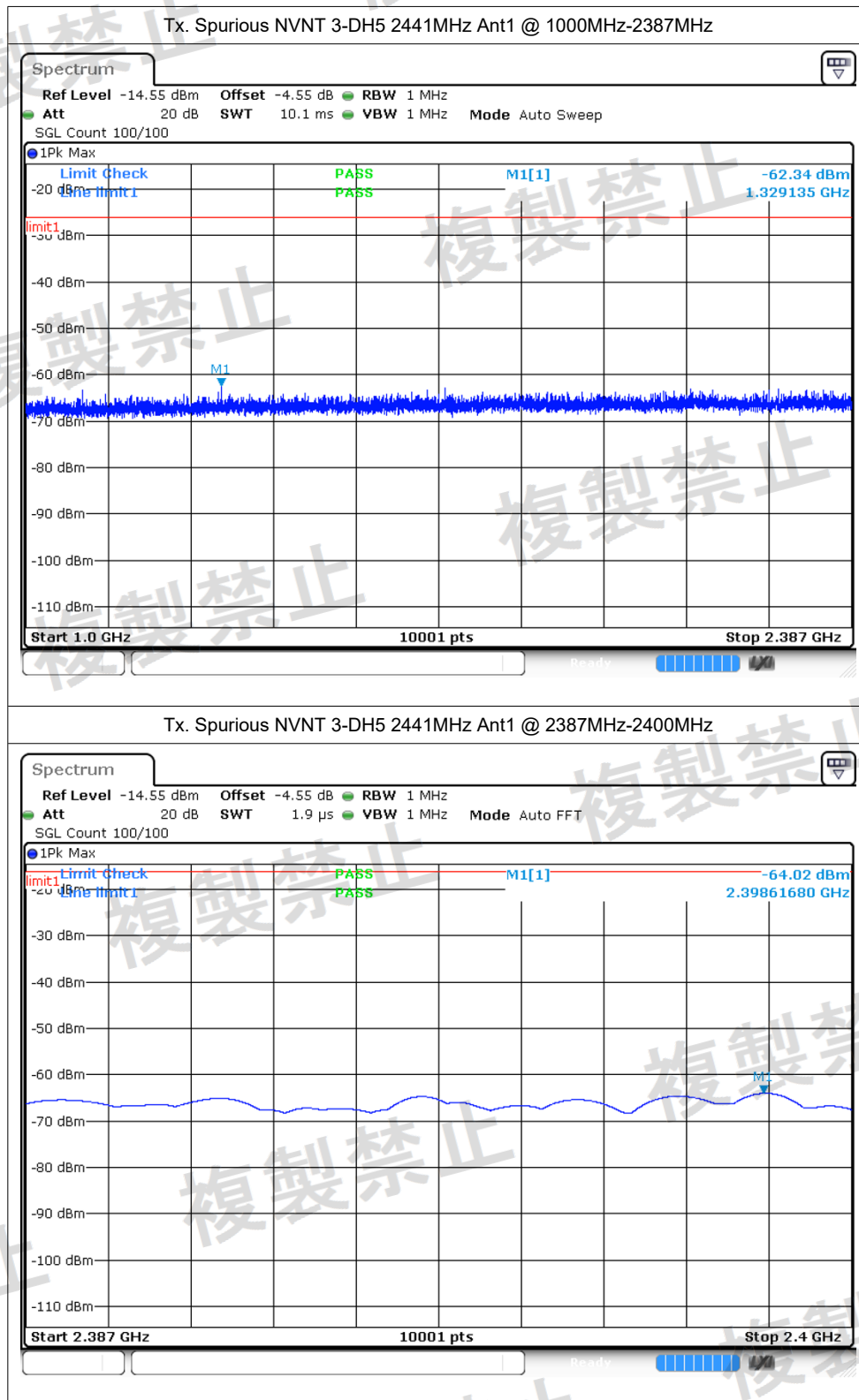


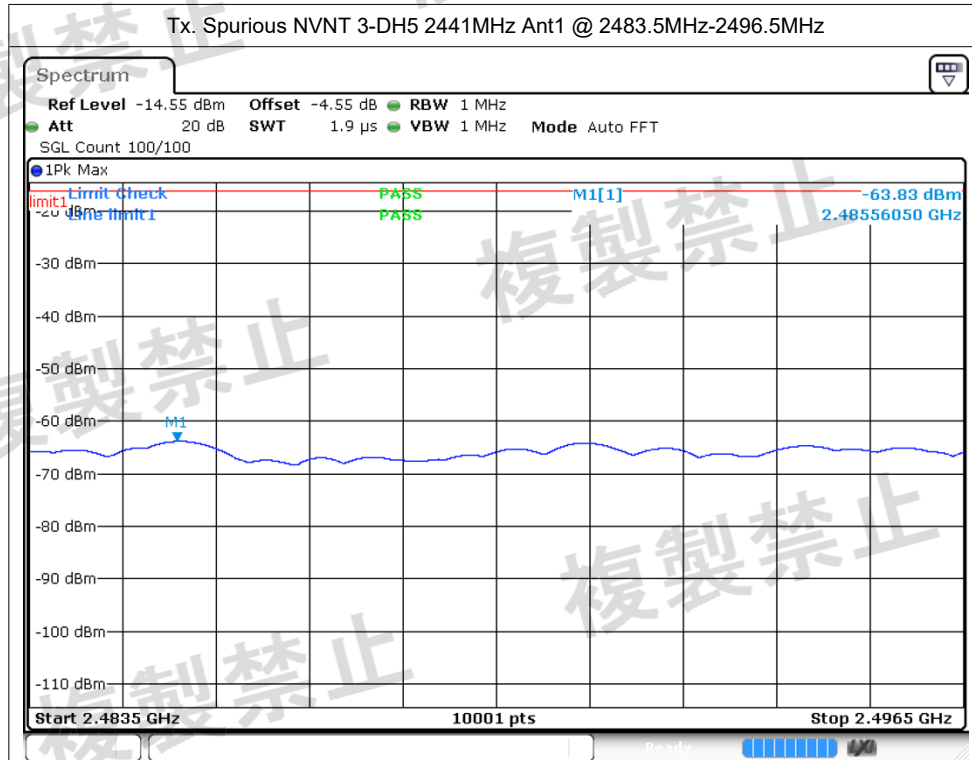
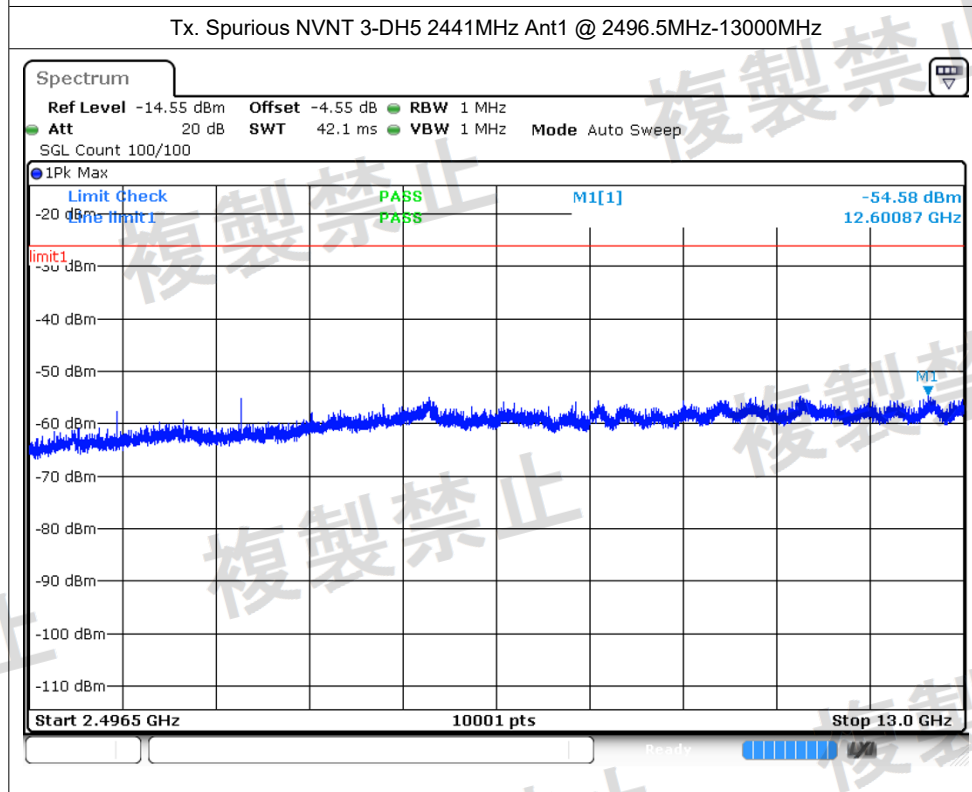


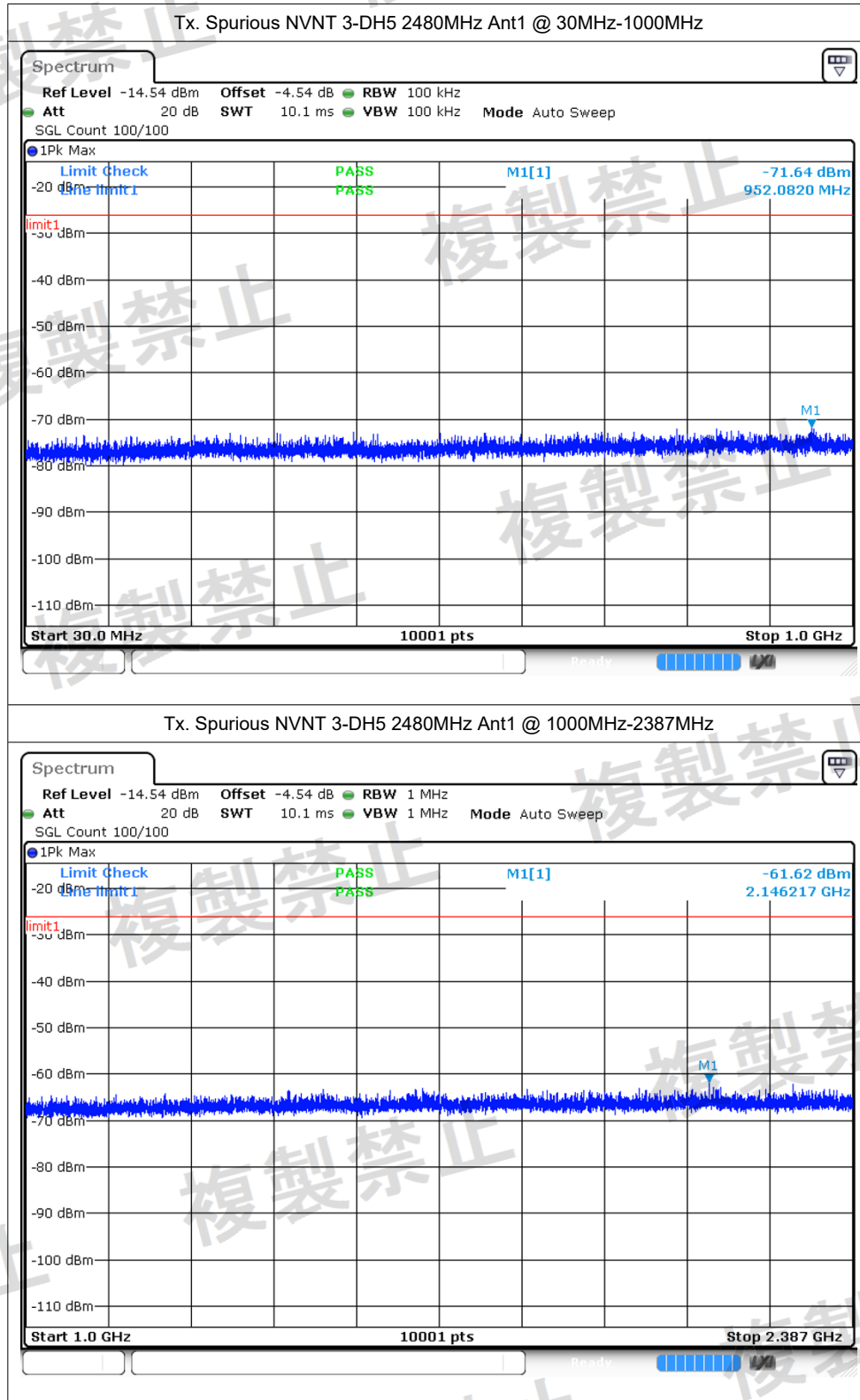


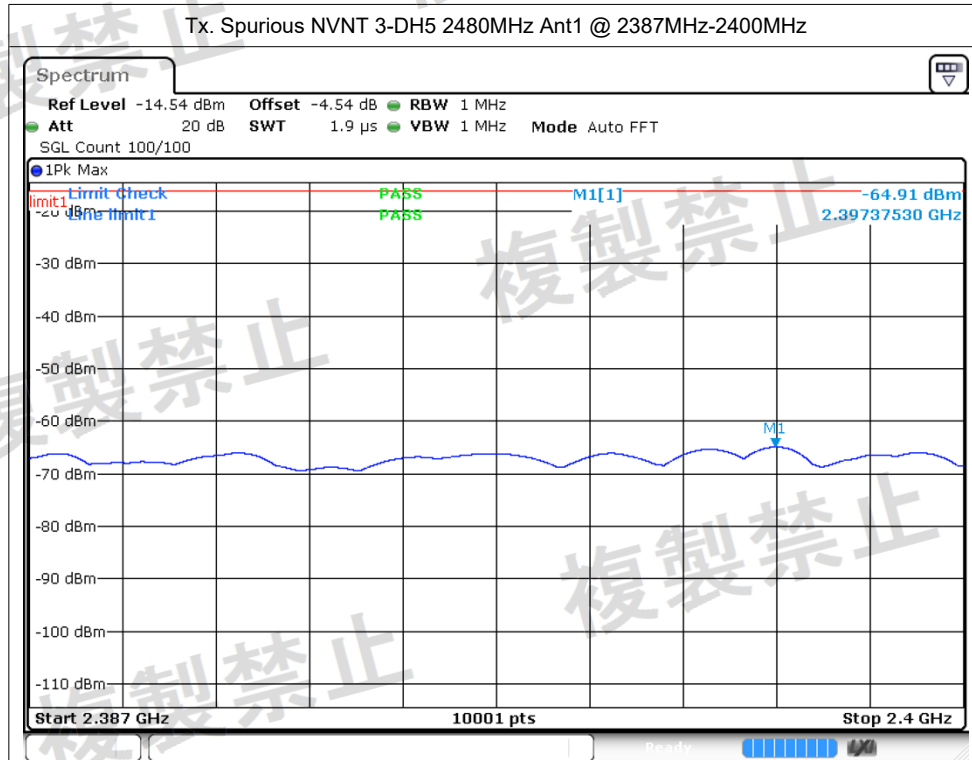
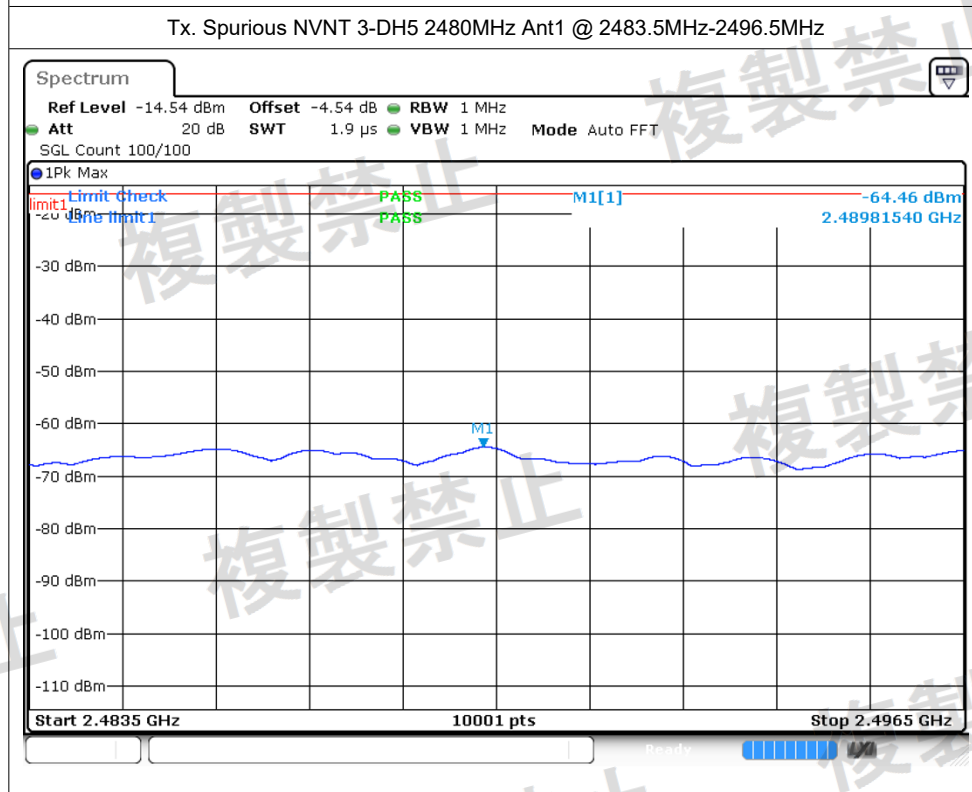


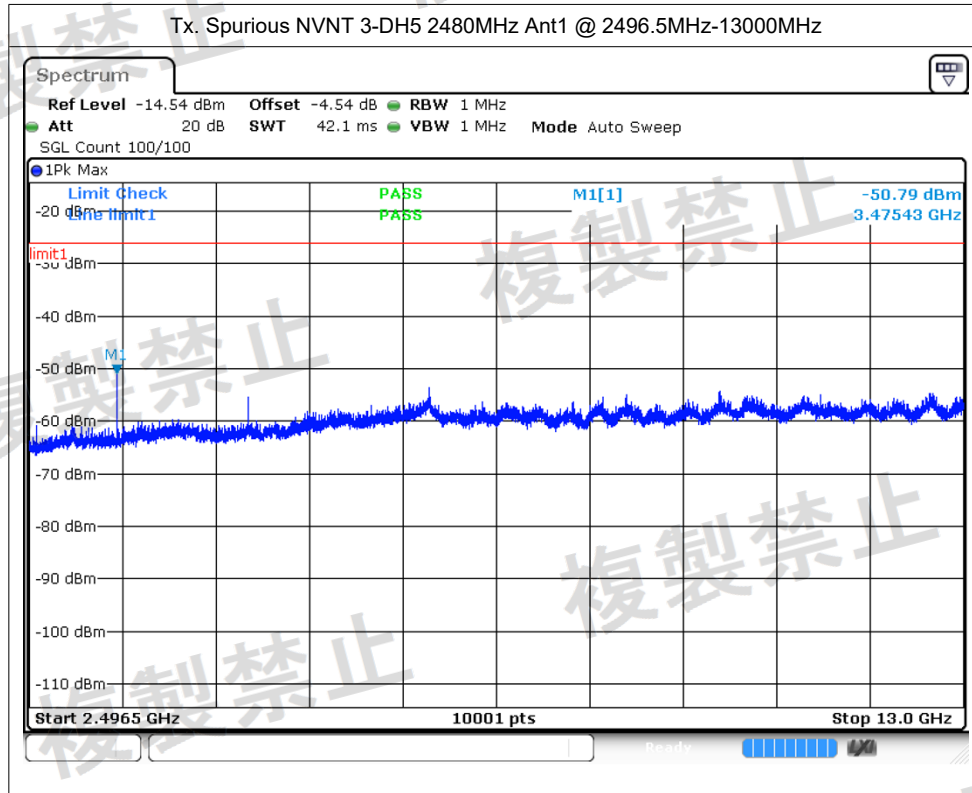






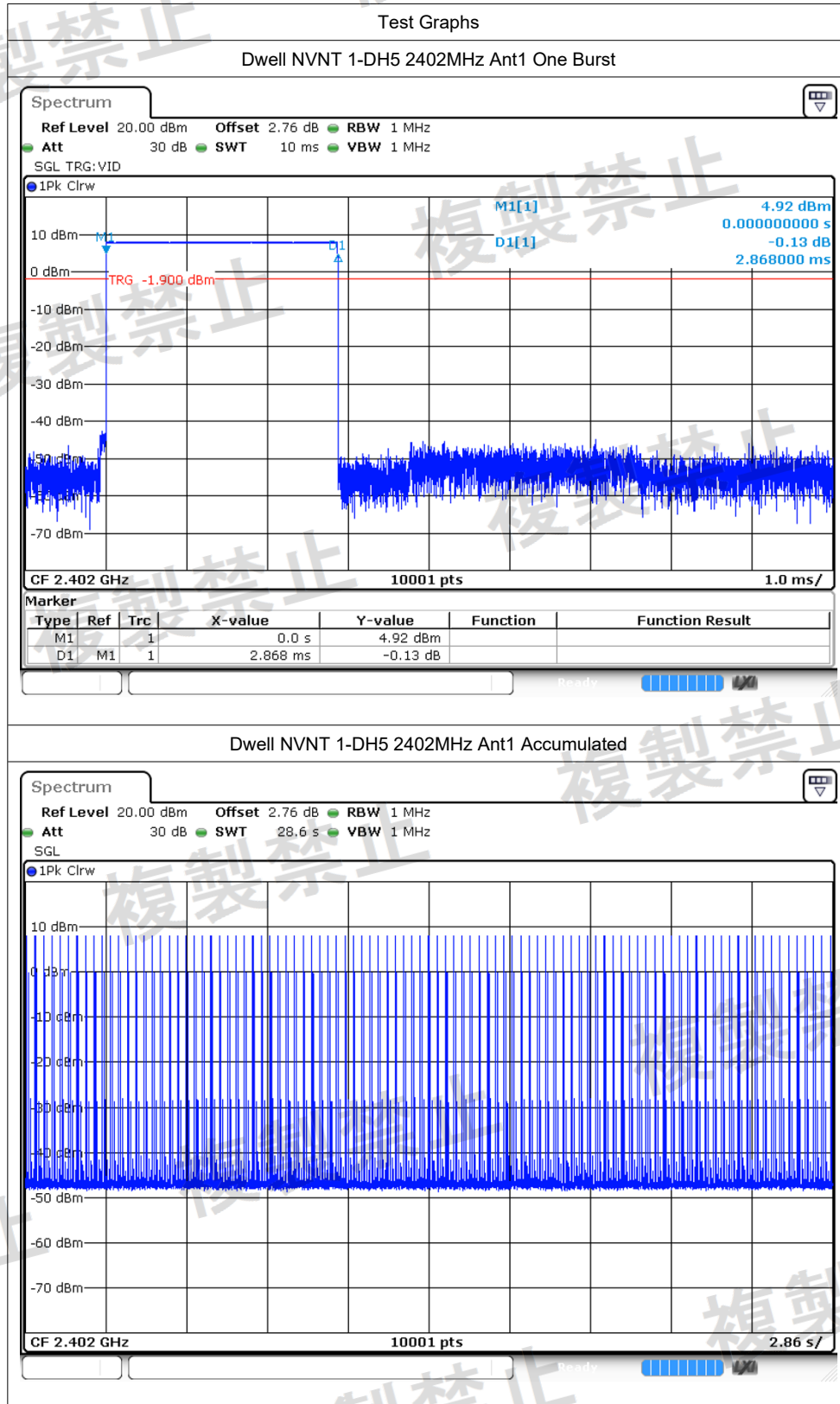


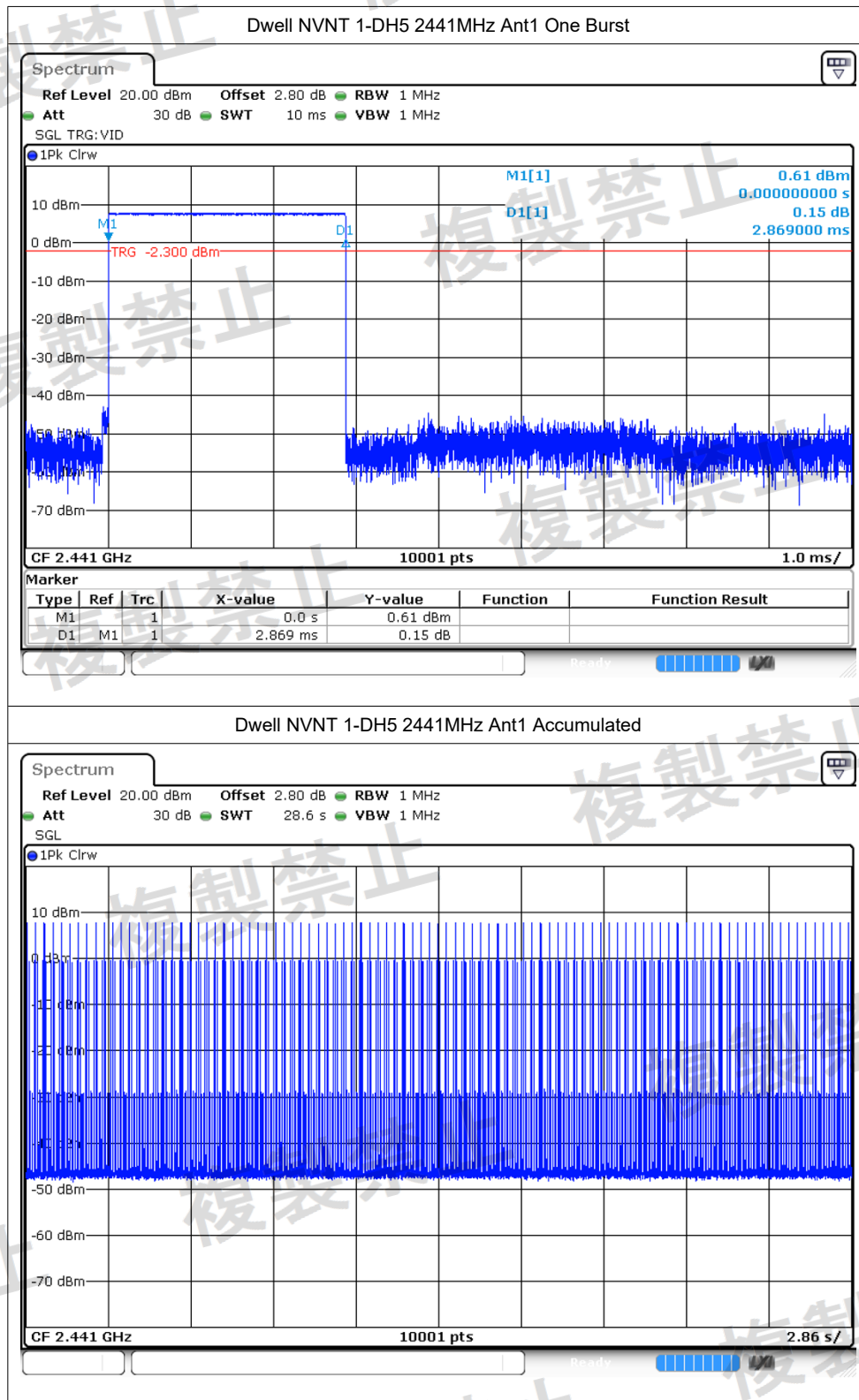


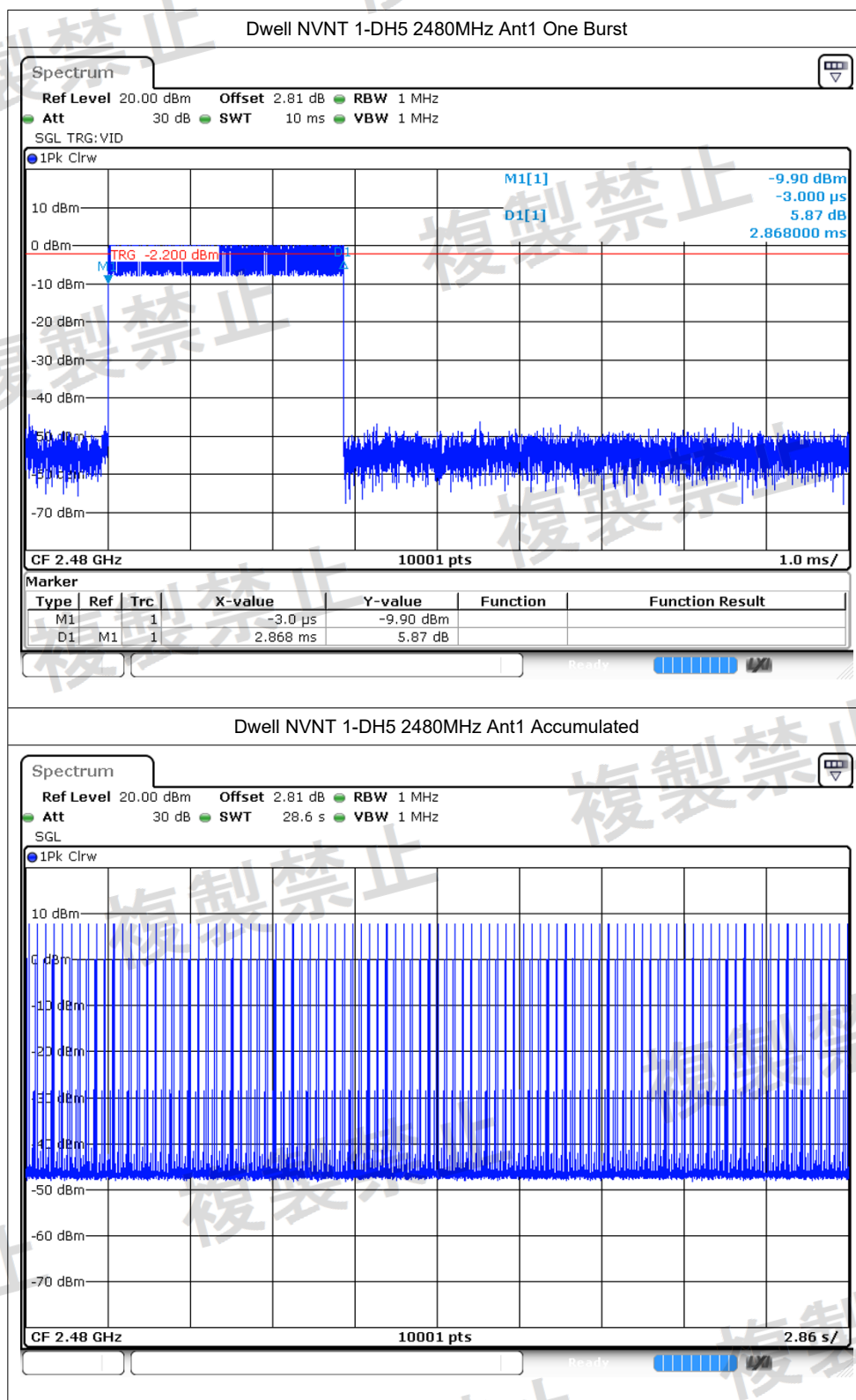


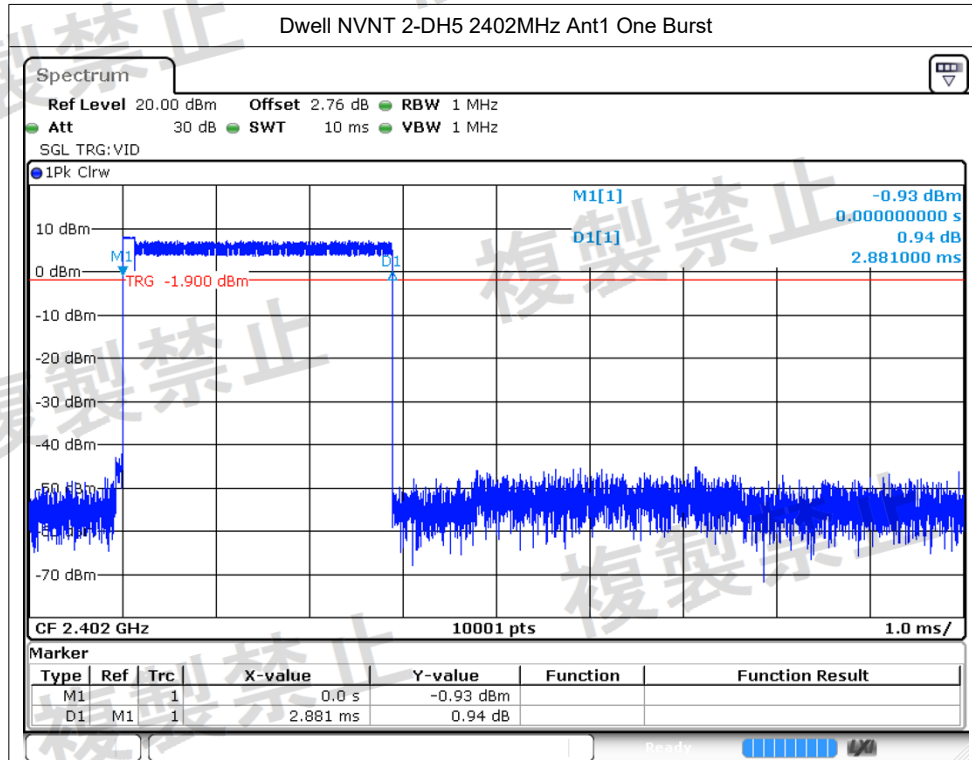
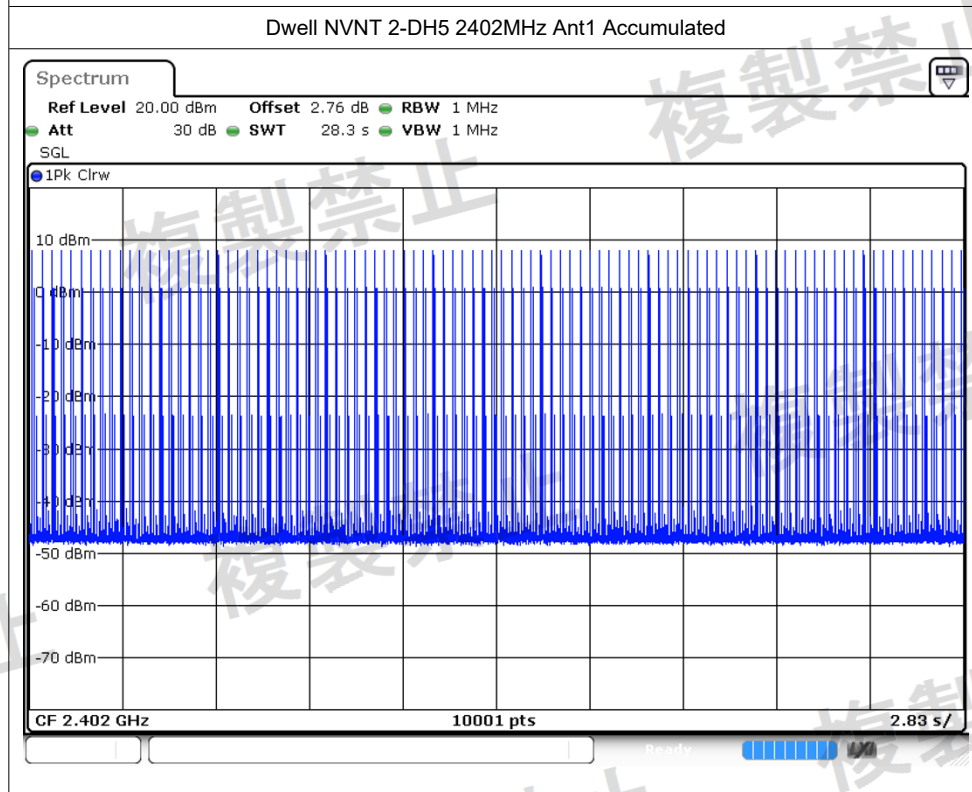
Dwell Time

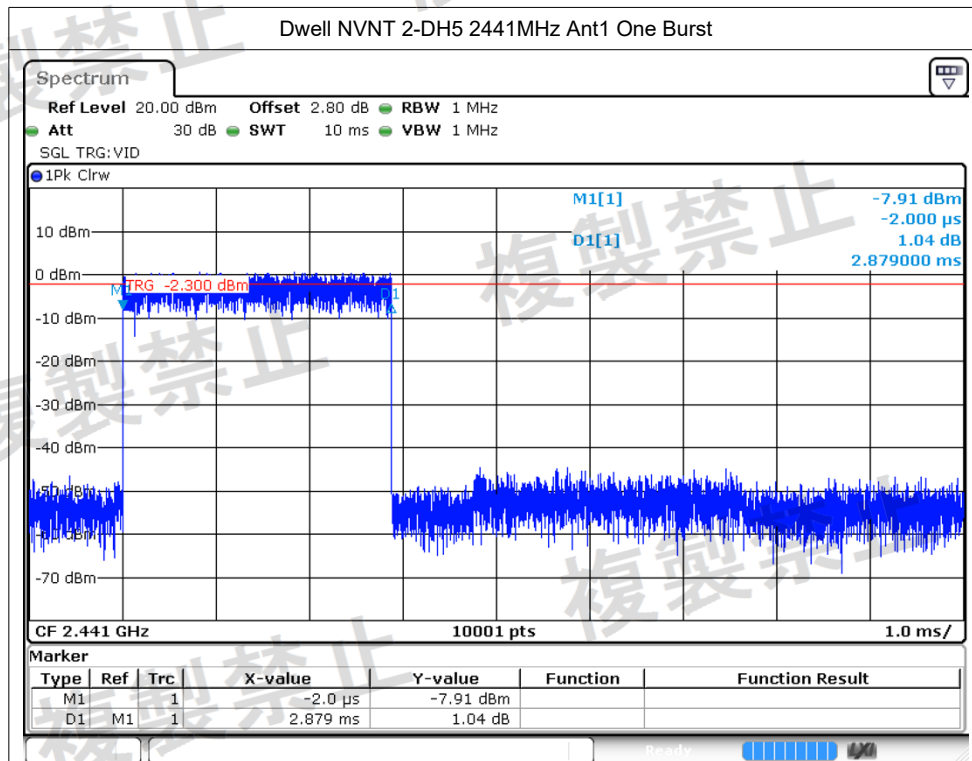
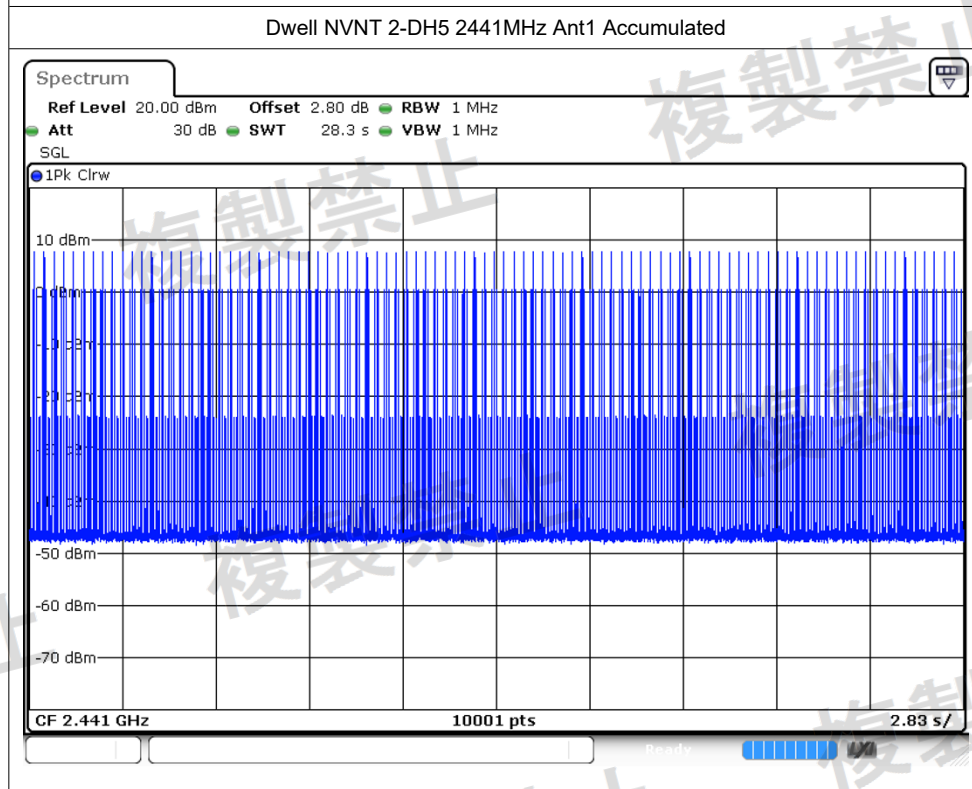
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (s)	Burst Count	Period Time (ms)	Limit (s)	Verdict
NVNT	1-DH5	2402	Ant1	2.868	0.278196	97	28579.6	0.4	Pass
NVNT	1-DH5	2441	Ant1	2.869	0.278293	97	28579.6	0.4	Pass
NVNT	1-DH5	2480	Ant1	2.868	0.278196	97	28579.6	0.4	Pass
NVNT	2-DH5	2402	Ant1	2.881	0.276576	96	28291.6	0.4	Pass
NVNT	2-DH5	2441	Ant1	2.879	0.273505	95	28291.6	0.4	Pass
NVNT	2-DH5	2480	Ant1	2.88	0.27648	96	28291.6	0.4	Pass
NVNT	3-DH5	2402	Ant1	2.882	0.279554	97	28627.2	0.4	Pass
NVNT	3-DH5	2441	Ant1	2.88	0.27936	97	28627.2	0.4	Pass
NVNT	3-DH5	2480	Ant1	2.882	0.279554	97	28627.2	0.4	Pass

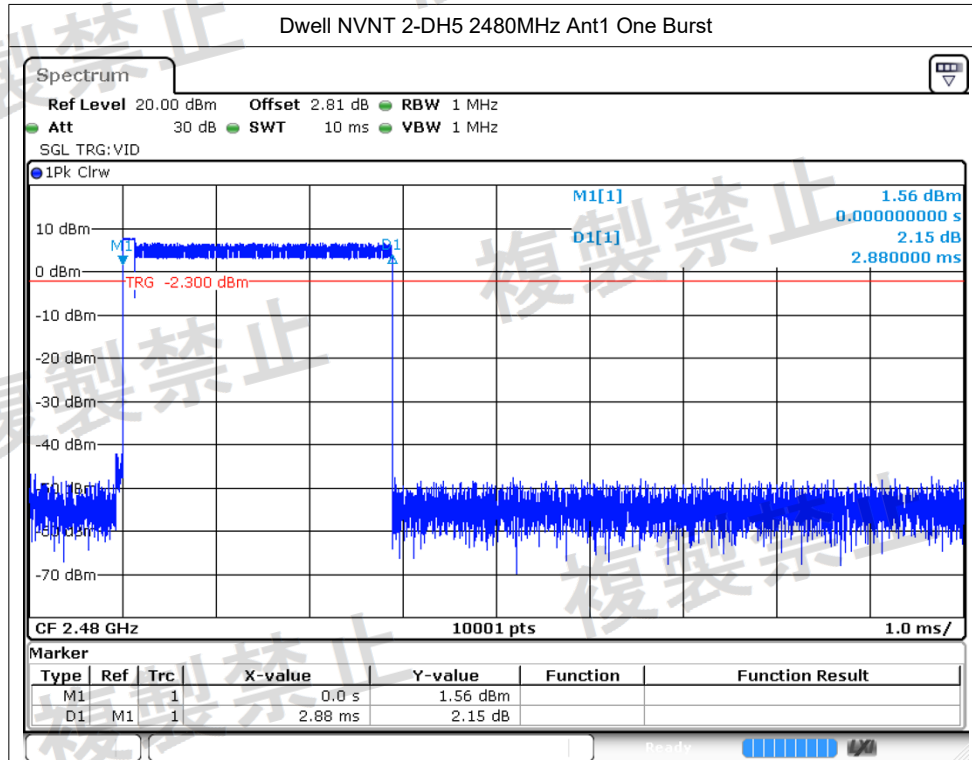
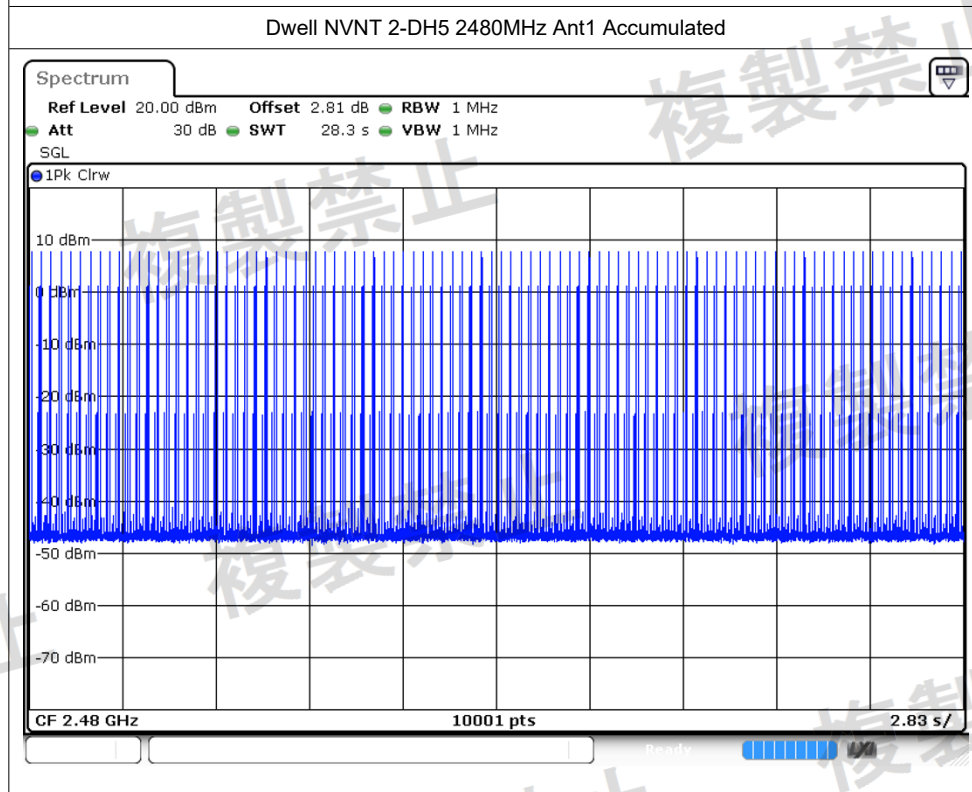


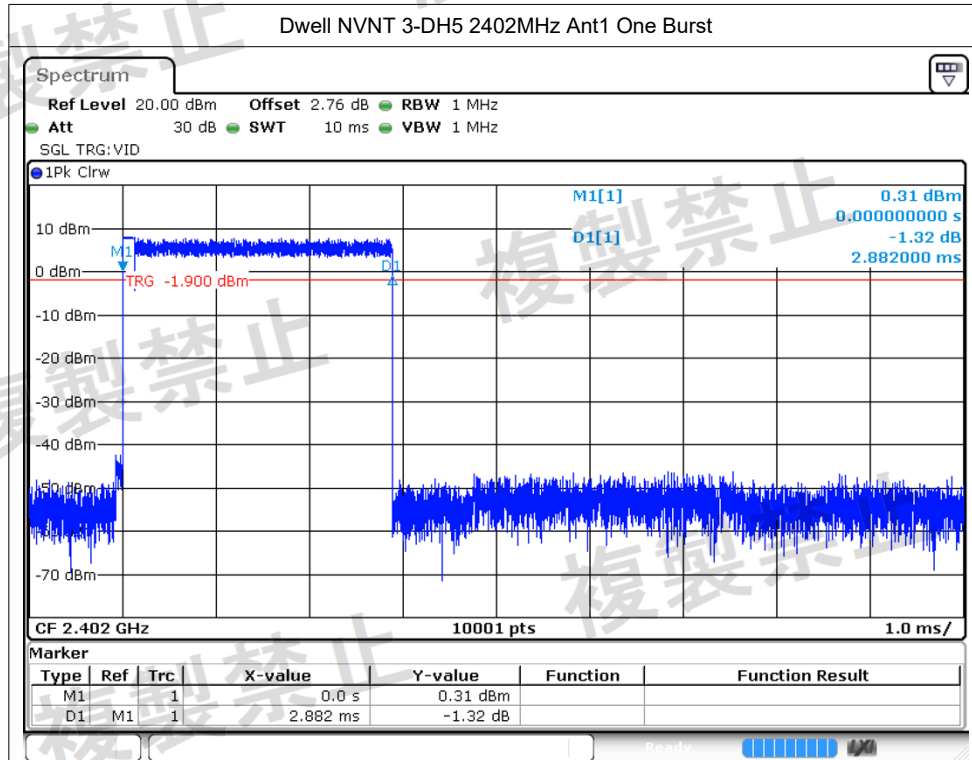
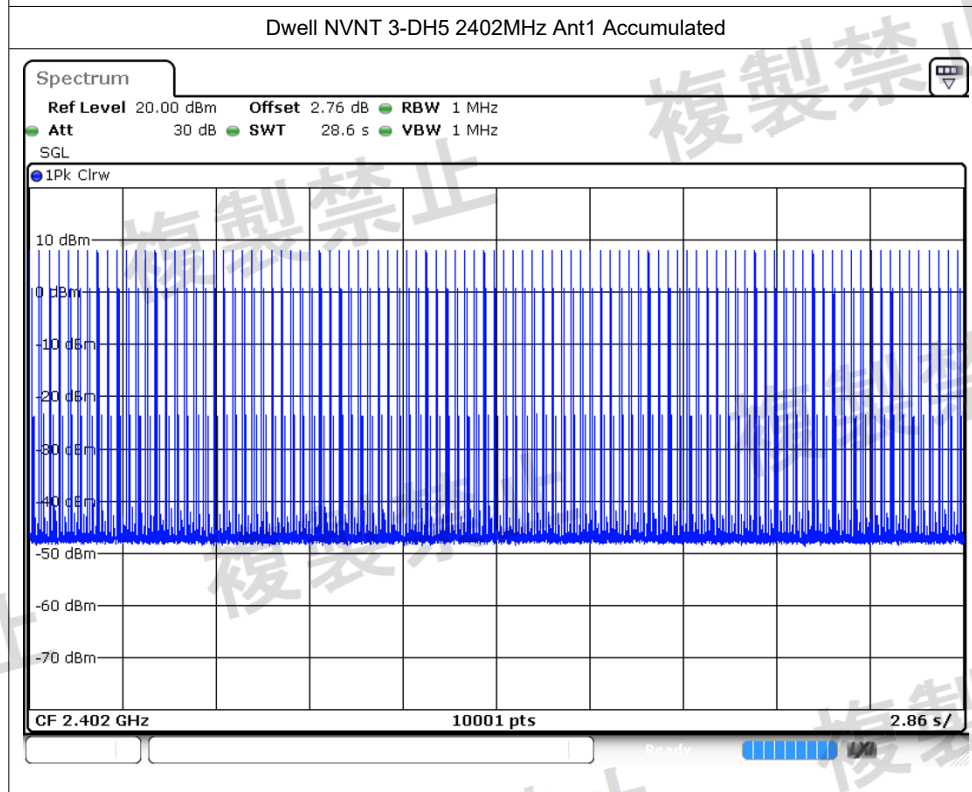


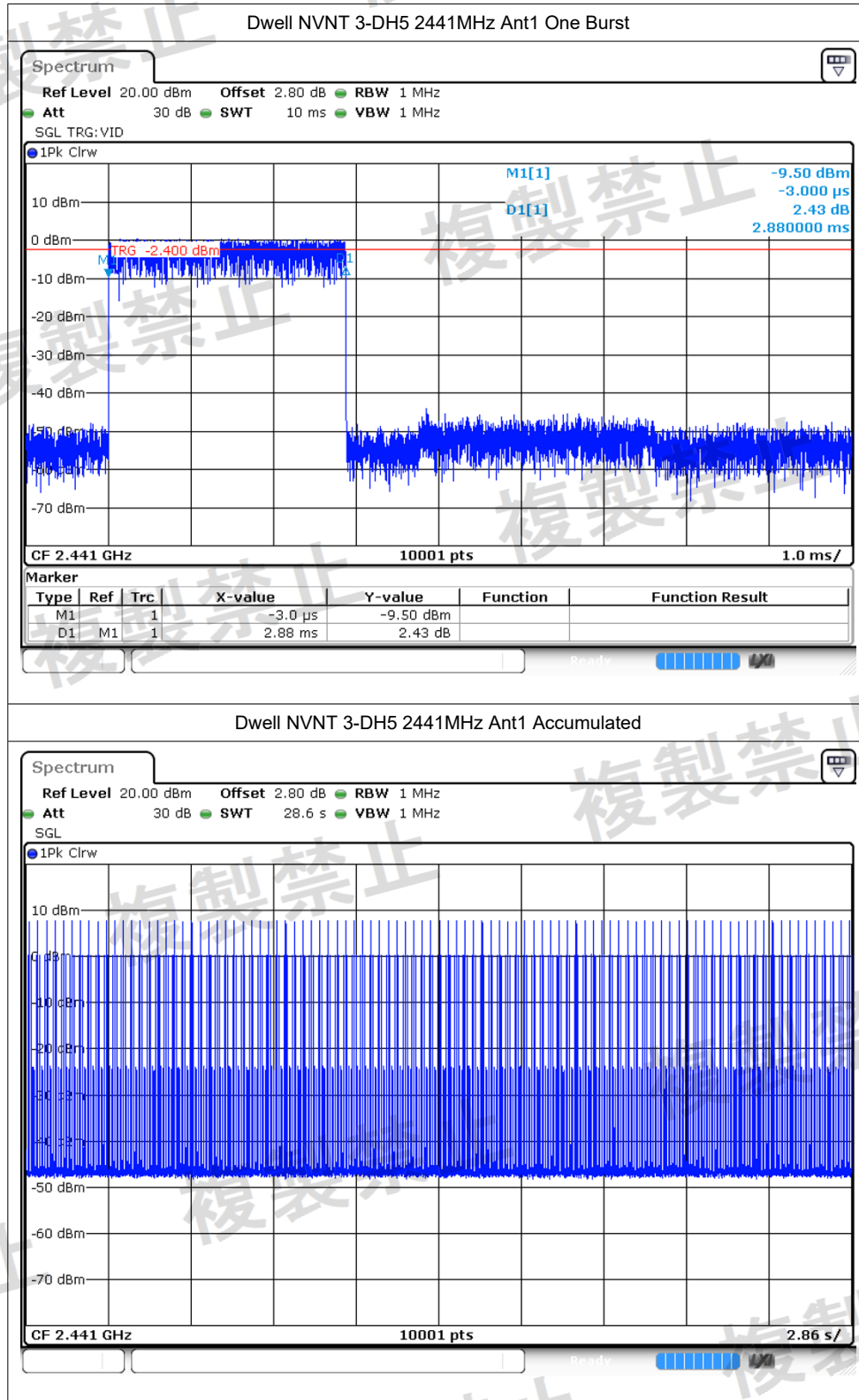


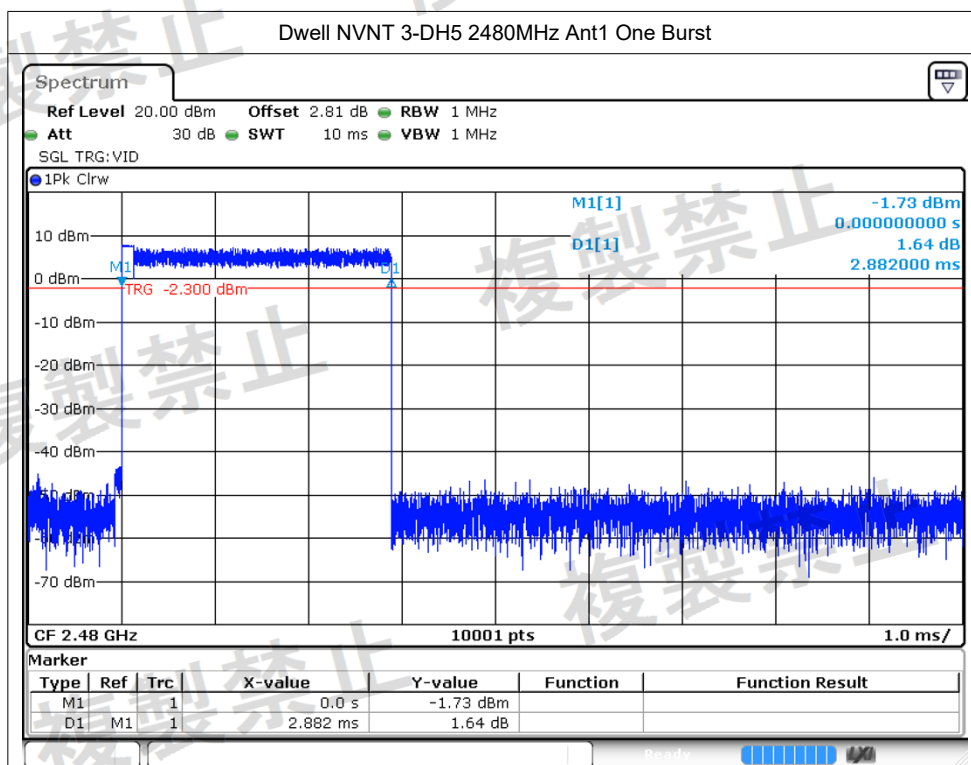
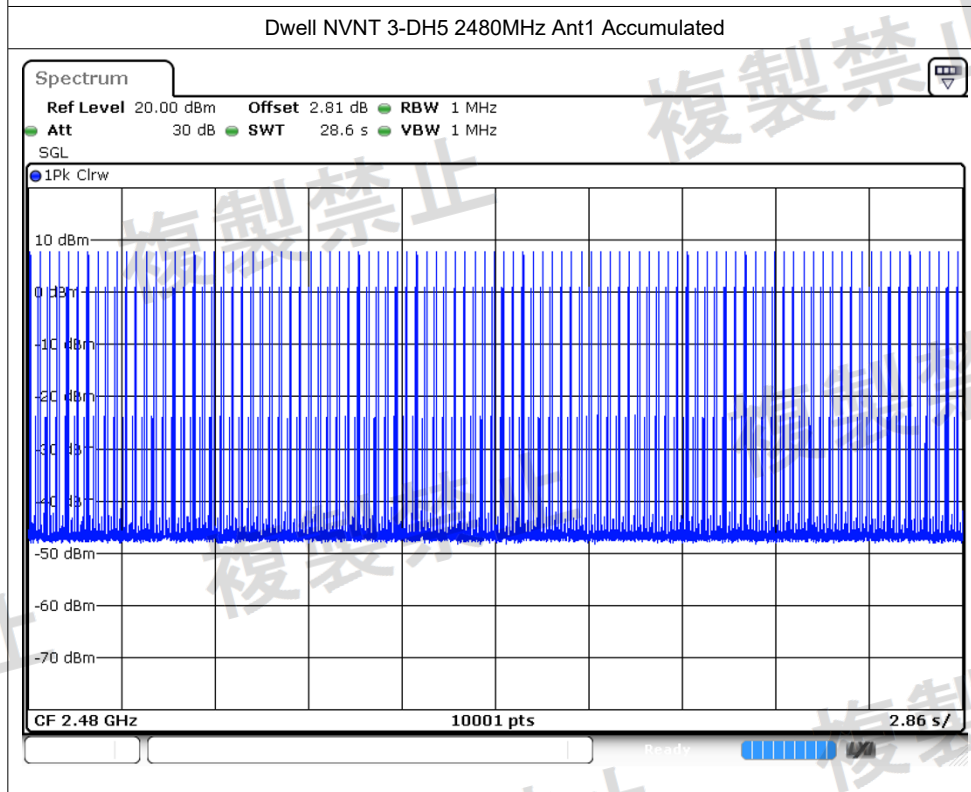










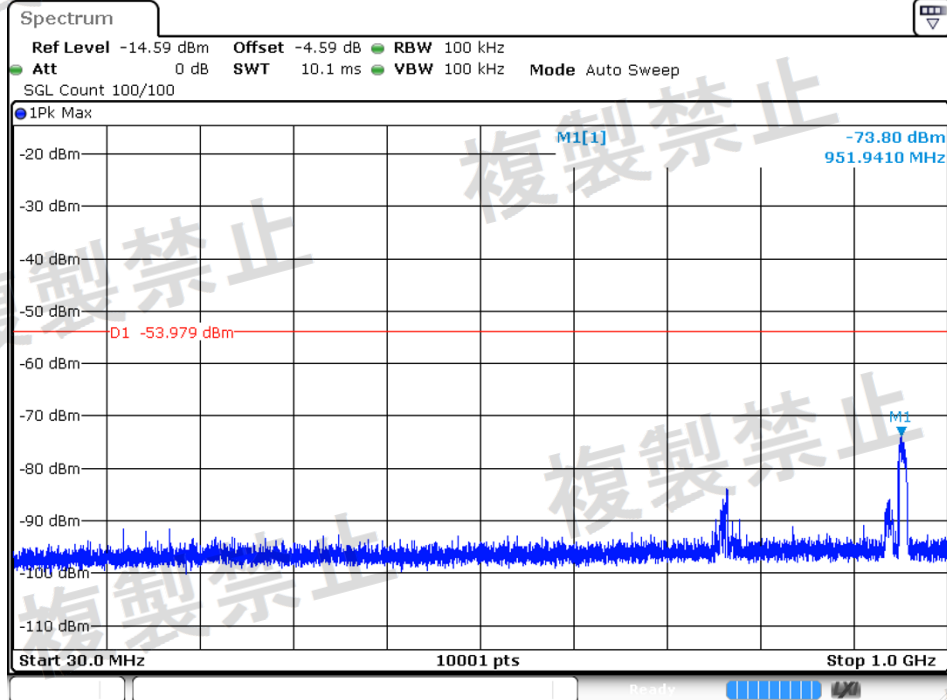


Rx Spurious Emission

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	1-DH5	2402	Ant1	30-1000	951.94	-73.80	NA	0.0417	NA	4	Pass
NVNT	1-DH5	2402	Ant1	1000-13000	12621.40	-71.76	NA	0.0667	NA	20	Pass
NVNT	2-DH5	2402	Ant1	30-1000	951.17	-73.31	NA	0.0467	NA	4	Pass
NVNT	2-DH5	2402	Ant1	1000-13000	12634.60	-74.00	NA	0.0398	NA	20	Pass
NVNT	3-DH5	2402	Ant1	30-1000	951.94	-75.60	NA	0.0275	NA	4	Pass
NVNT	3-DH5	2402	Ant1	1000-13000	3401.60	-67.55	NA	0.1758	NA	20	Pass

Test Graphs

Rx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 1-DH5 2402MHz Ant1 @ 1000MHz-13000MHz

