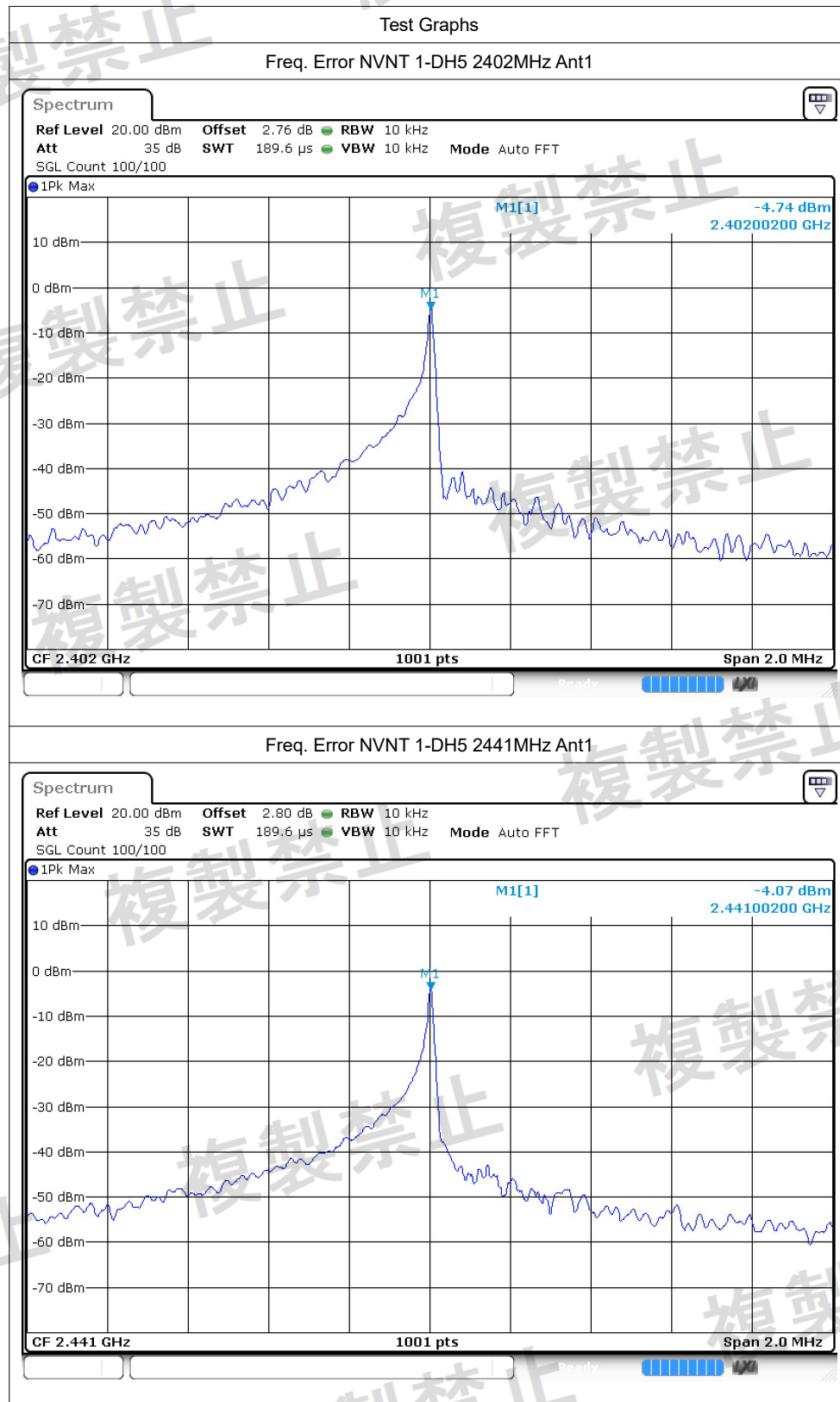
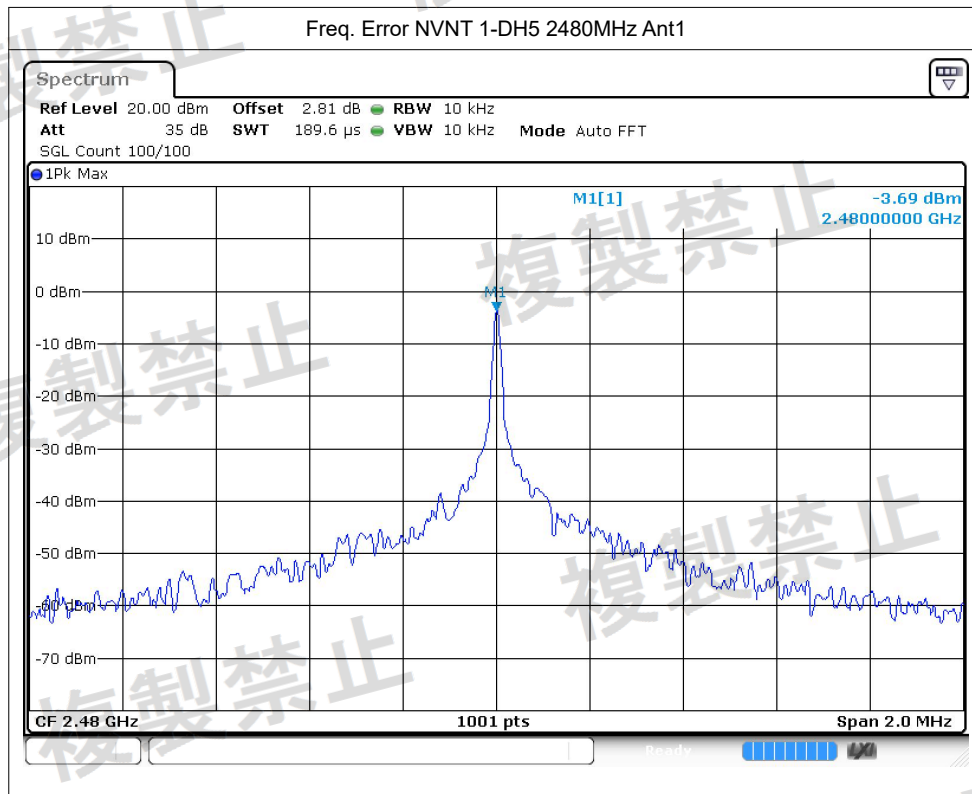


Appendix A

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	0	0	50	Pass



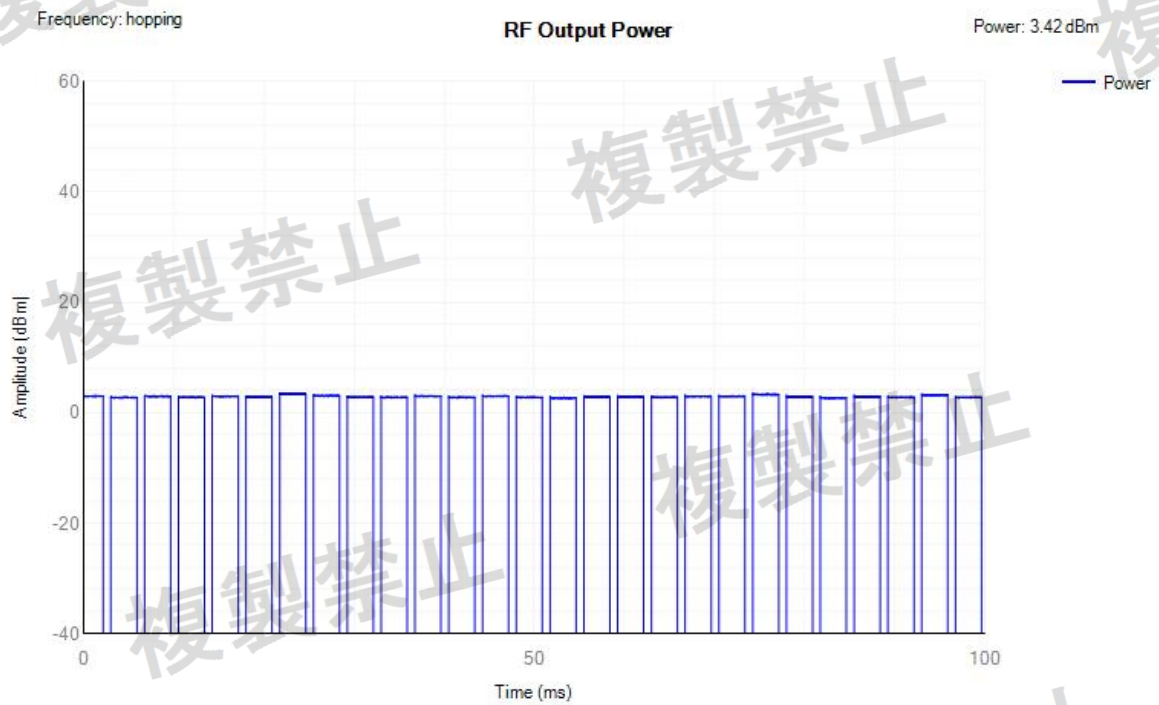


Antenna Power

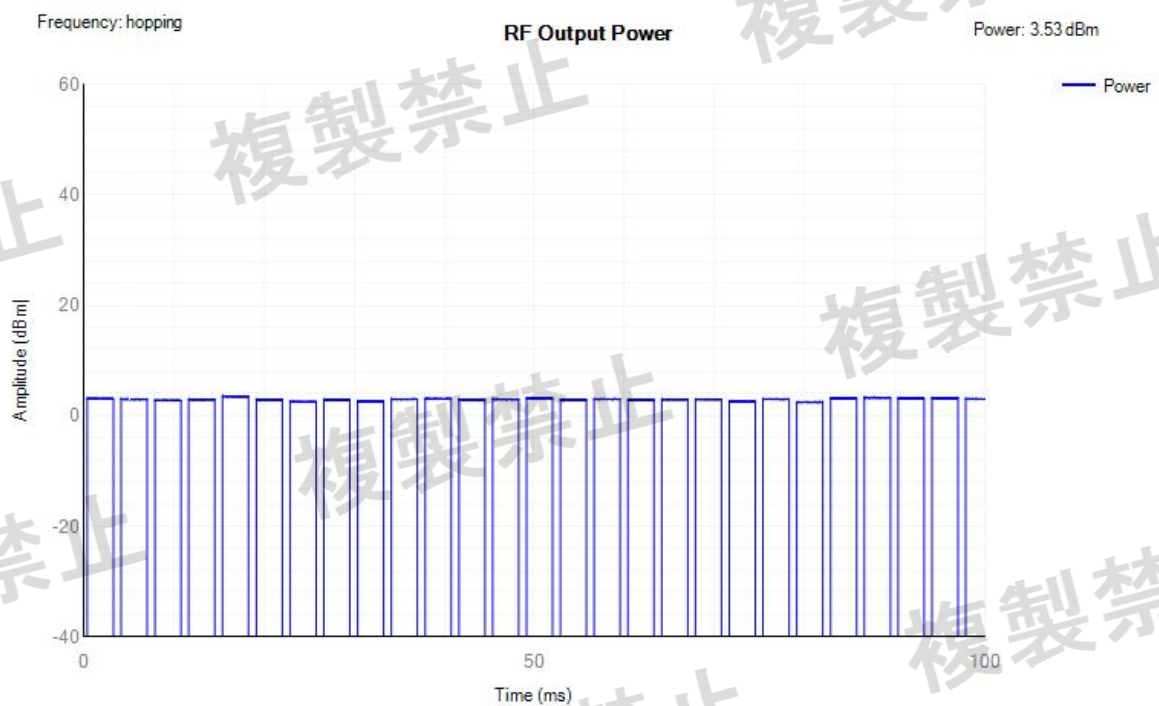
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Spread BW (MHz)	Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	1-DH5	hopping	Ant1	3.42	2.198	70.37	0.031	3	0.05	-38	20	Pass
NVNT	1-DH5	hopping	Ant1	3.53	2.254	70.37	0.032	3	0.05	-36	20	Pass
NVNT	1-DH5	hopping	Ant1	3.69	2.339	70.37	0.033	3	0.05	-34	20	Pass
NVNT	2-DH5	hopping	Ant1	2.14	1.637	70.609	0.023	3	0.05	-54	20	Pass
NVNT	2-DH5	hopping	Ant1	2.31	1.702	70.609	0.024	3	0.05	-52	20	Pass
NVNT	2-DH5	hopping	Ant1	2.46	1.762	70.609	0.025	3	0.05	-50	20	Pass
NVNT	3-DH5	hopping	Ant1	2.18	1.652	70.729	0.023	3	0.05	-54	20	Pass
NVNT	3-DH5	hopping	Ant1	2.27	1.687	70.729	0.024	3	0.05	-52	20	Pass
NVNT	3-DH5	hopping	Ant1	2.46	1.762	70.729	0.025	3	0.05	-50	20	Pass

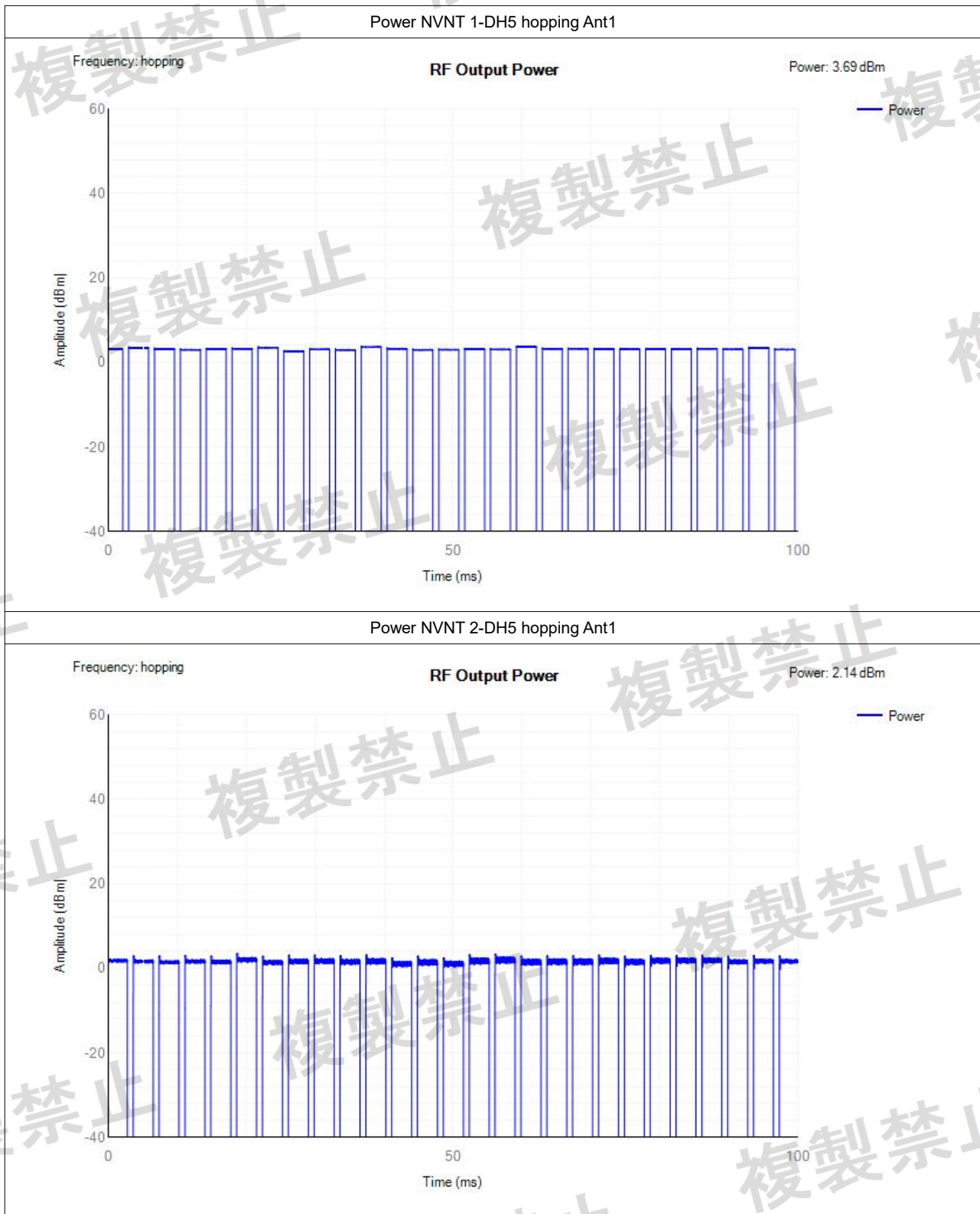
Test Graphs

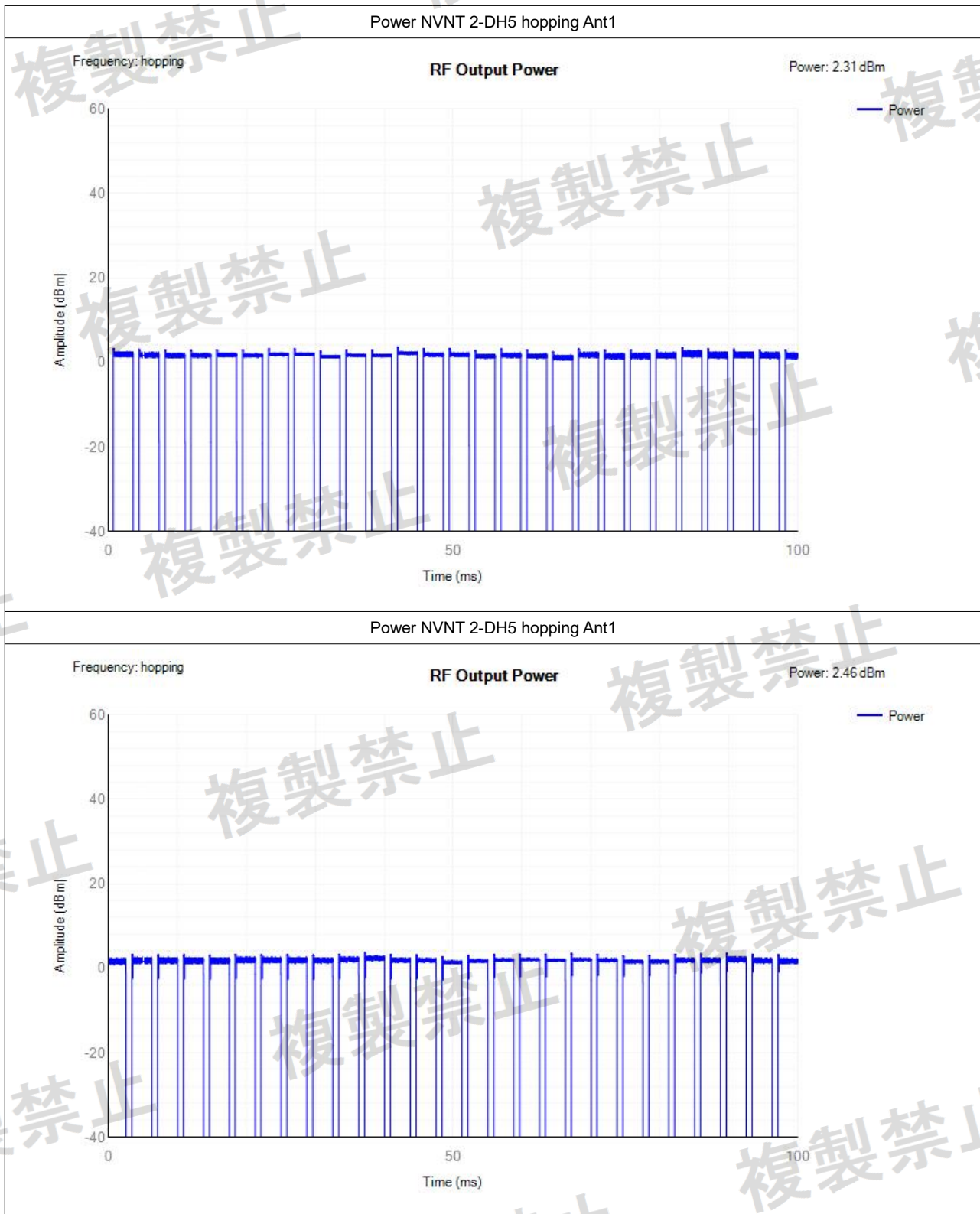
Power NVNT 1-DH5 hopping Ant1

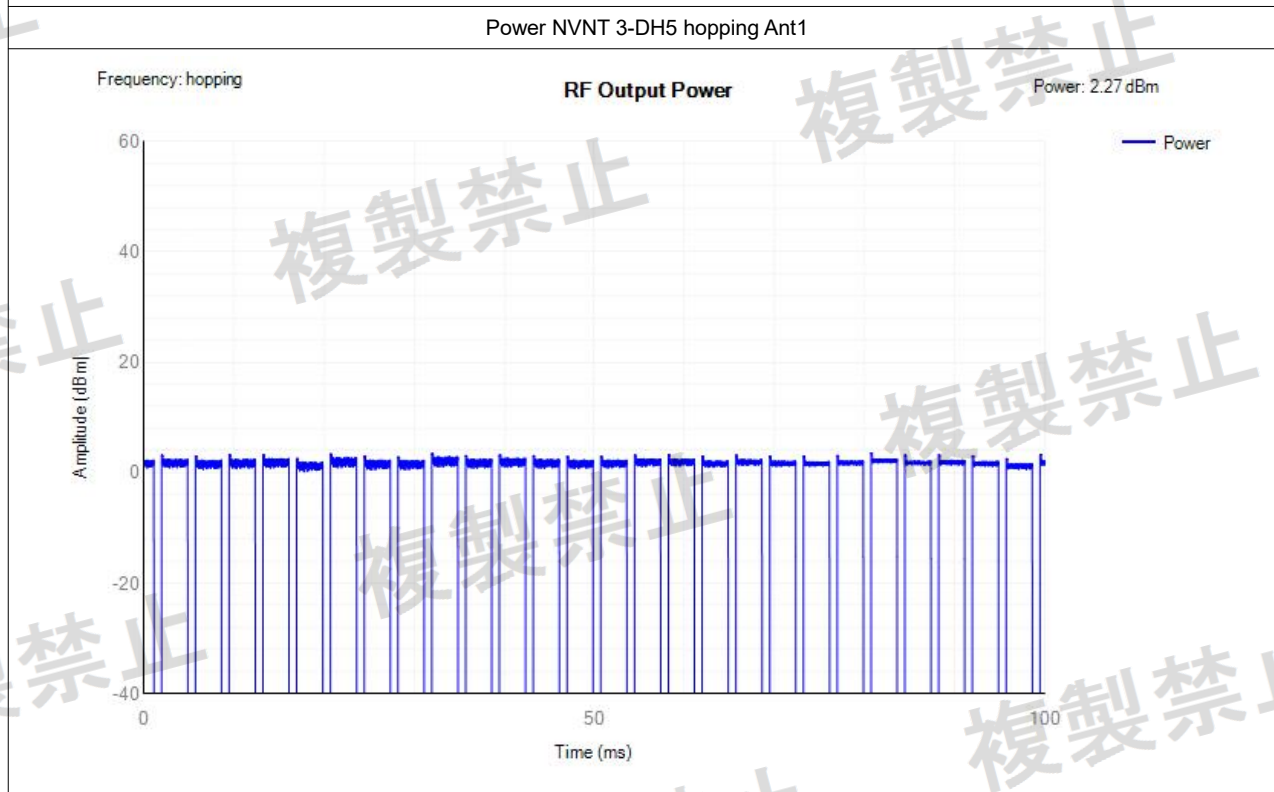
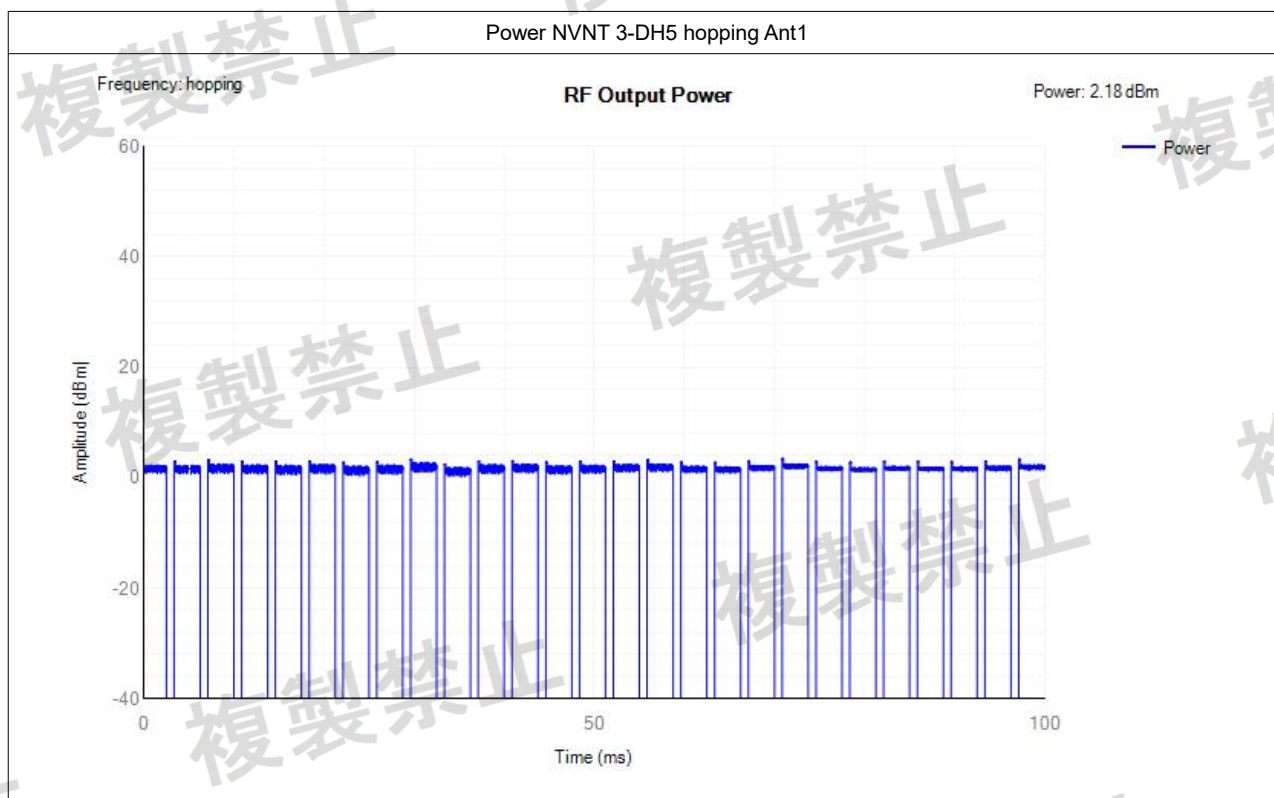


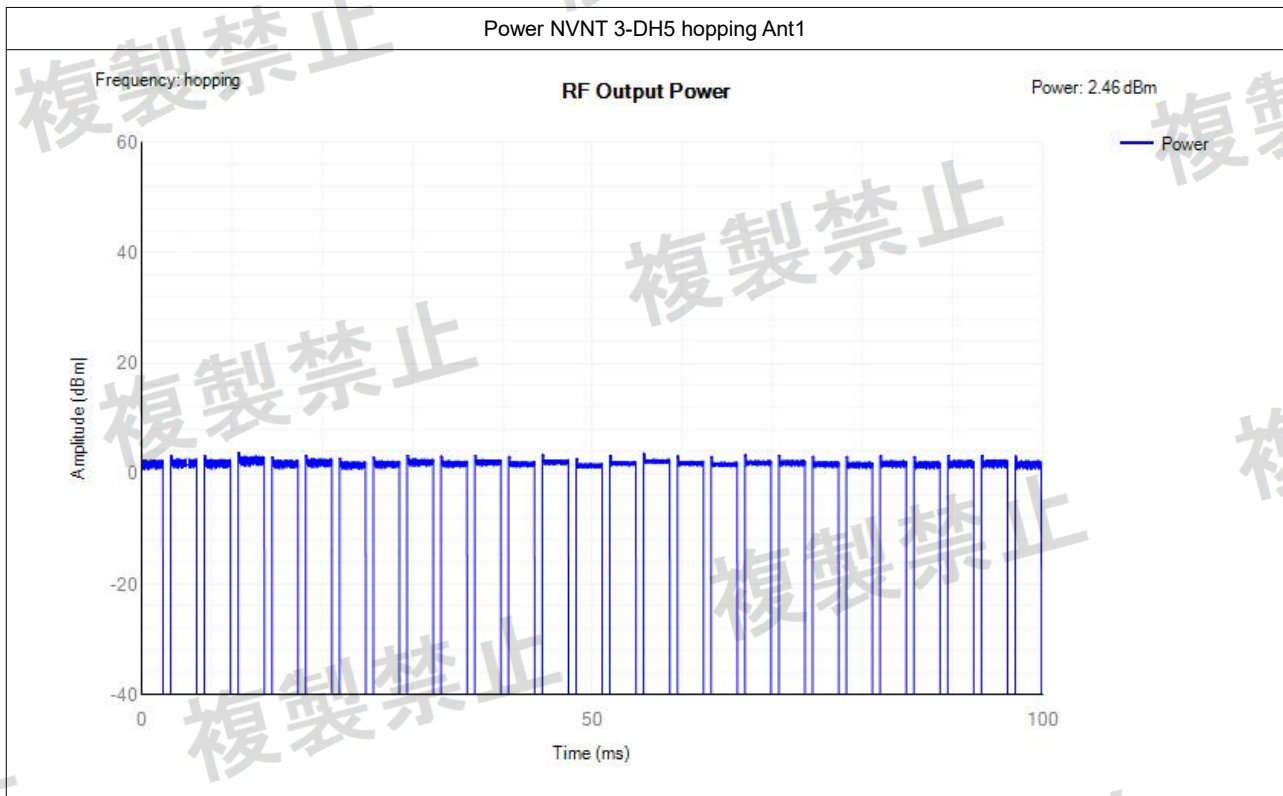
Power NVNT 1-DH5 hopping Ant1









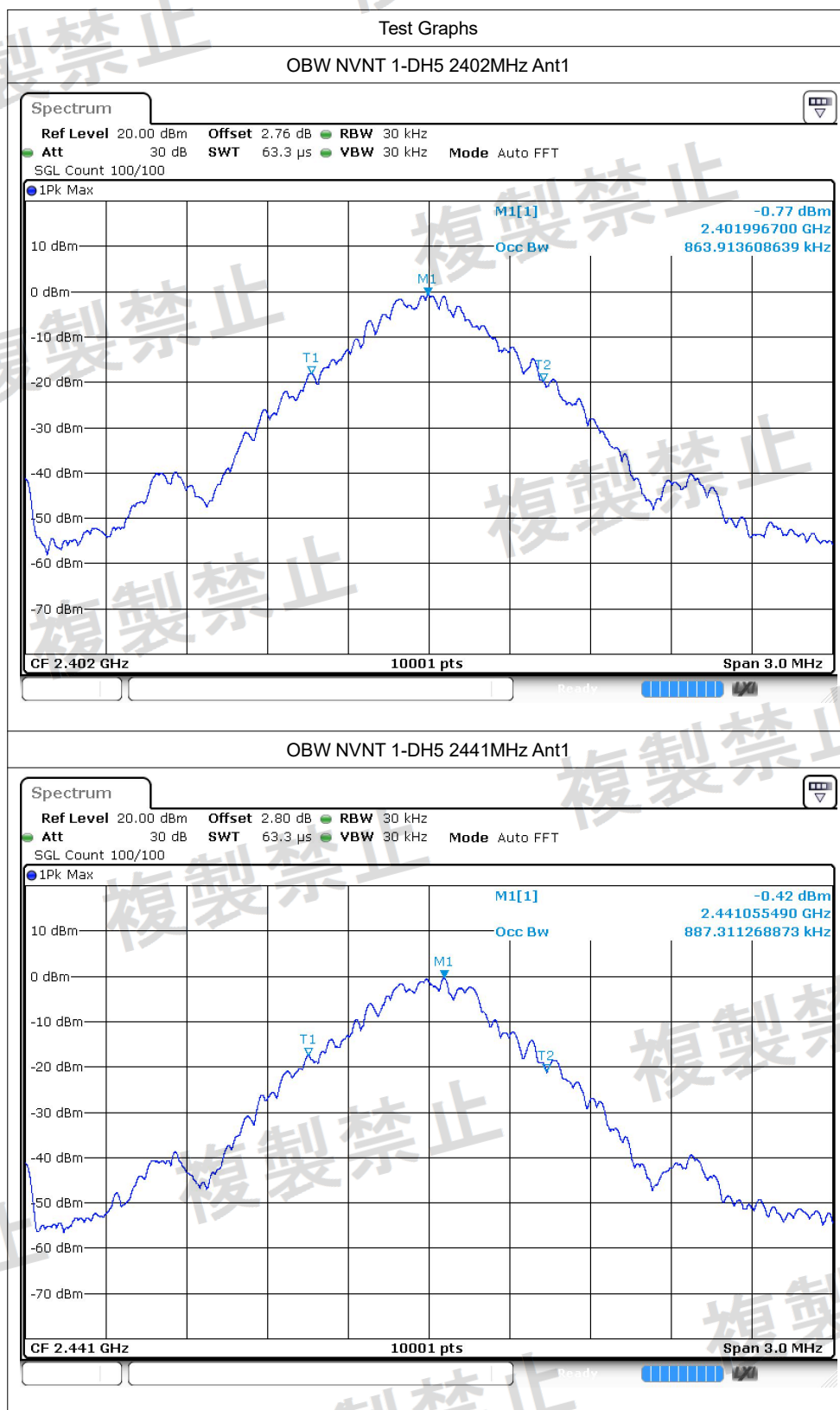


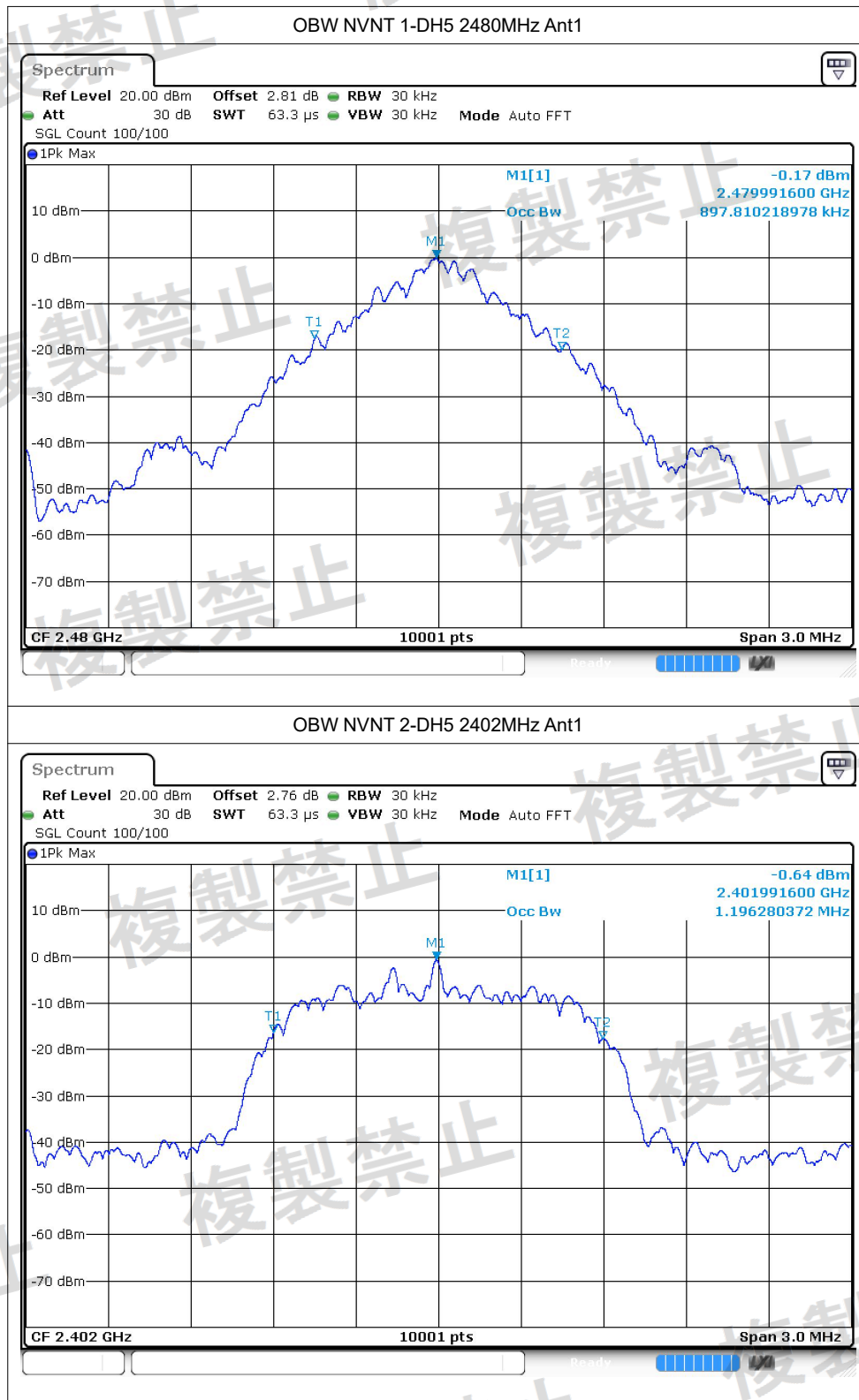
EIRP Power

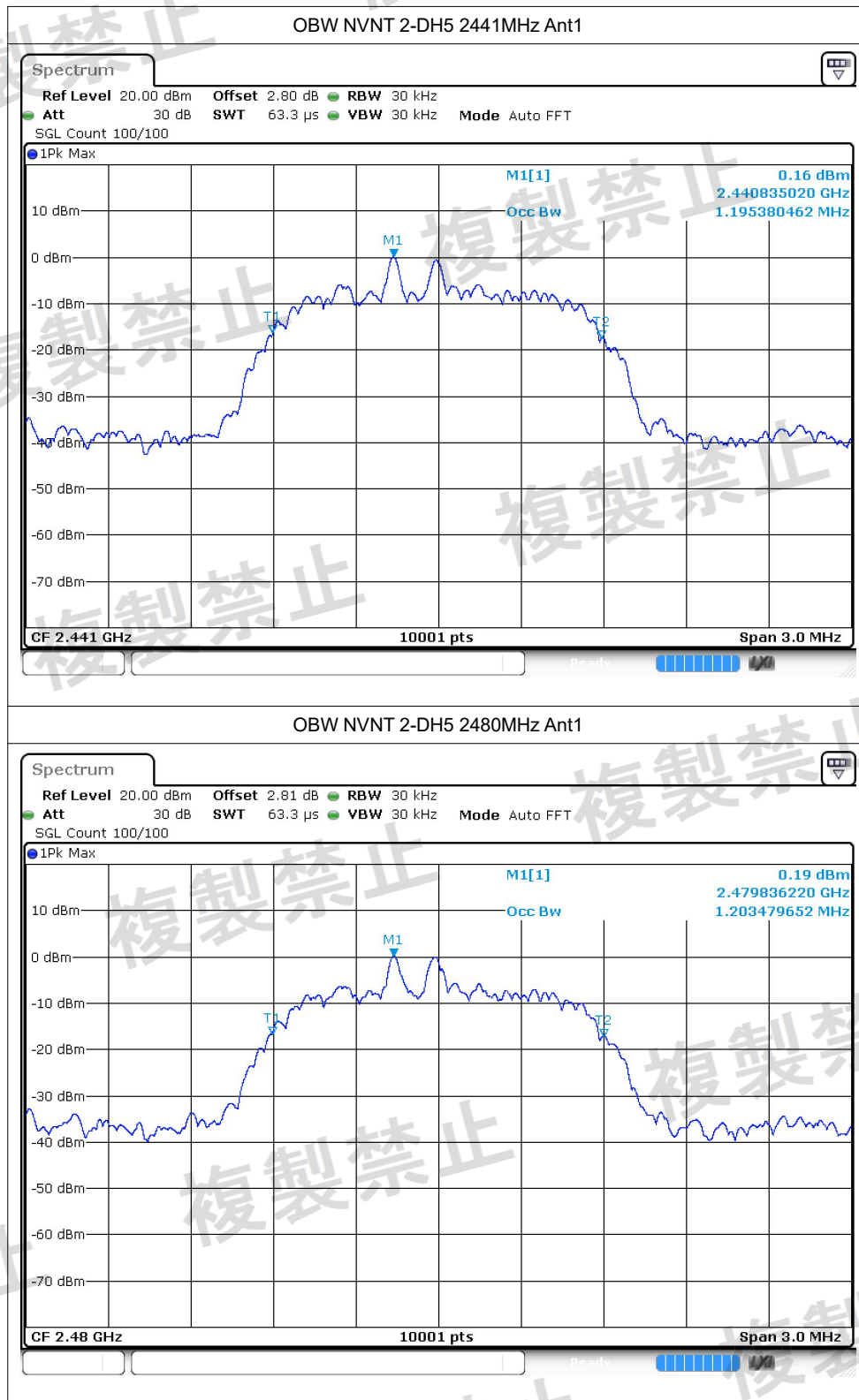
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	1-DH5	hopping	Ant1	0.031	-15.09	0.65	-14.44	6.91	Pass
NVNT	1-DH5	hopping	Ant1	0.032	-14.95	0.65	-14.30	6.91	Pass
NVNT	1-DH5	hopping	Ant1	0.033	-14.81	0.65	-14.16	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.023	-16.38	0.65	-15.73	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.024	-16.2	0.65	-15.55	6.91	Pass
NVNT	2-DH5	hopping	Ant1	0.025	-16.02	0.65	-15.37	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.023	-16.38	0.65	-15.73	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.024	-16.2	0.65	-15.55	6.91	Pass
NVNT	3-DH5	hopping	Ant1	0.025	-16.02	0.65	-15.37	6.91	Pass

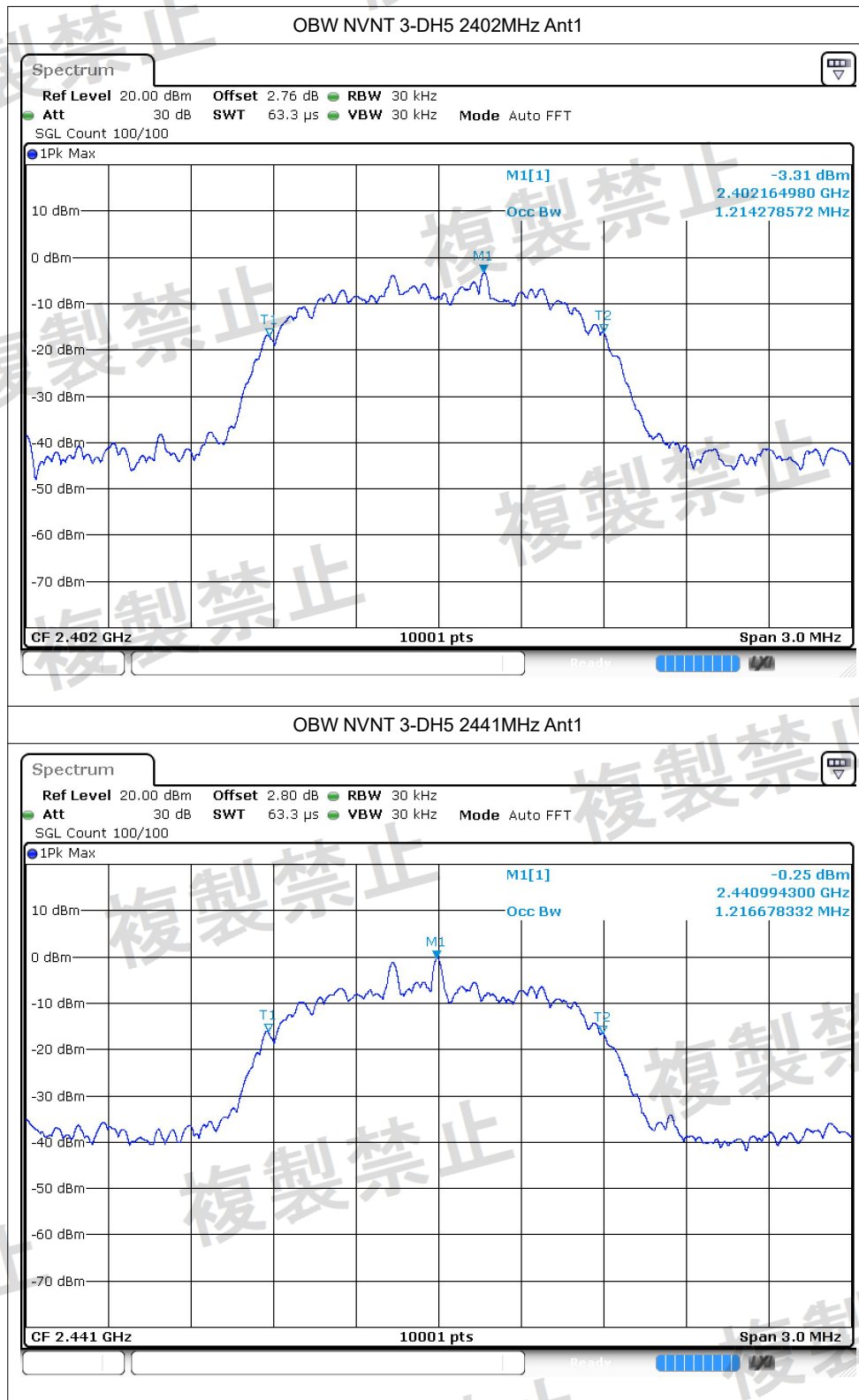
Occupied Channel Bandwidth

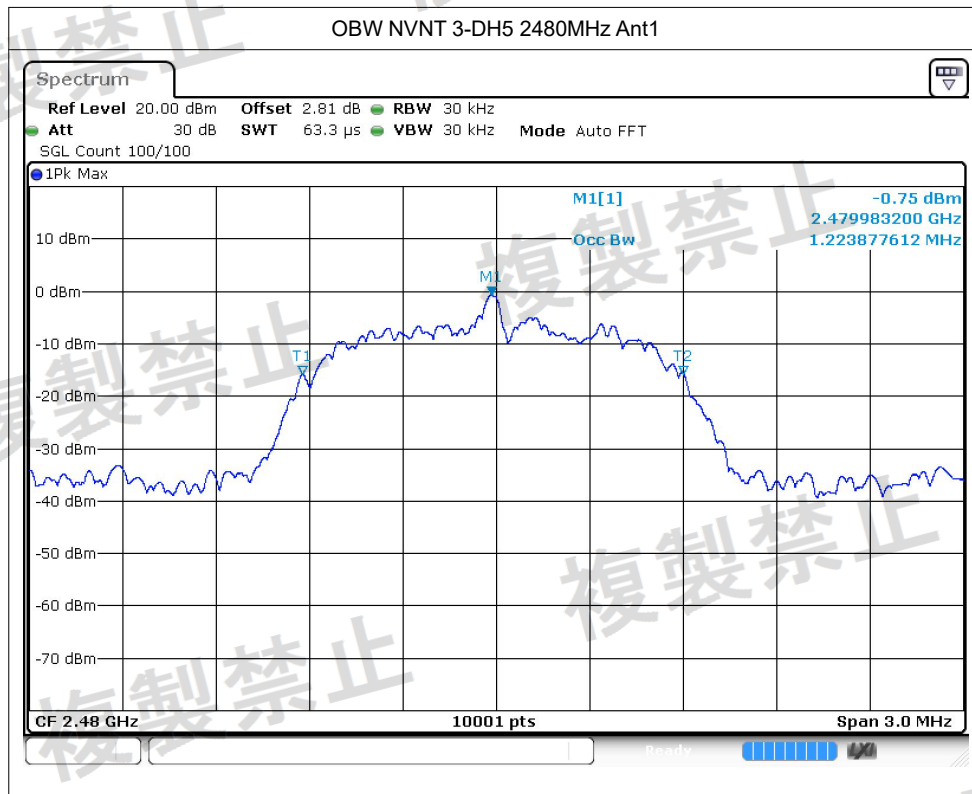
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	0.864
NVNT	1-DH5	2441	Ant1	0.887
NVNT	1-DH5	2480	Ant1	0.898
NVNT	2-DH5	2402	Ant1	1.196
NVNT	2-DH5	2441	Ant1	1.195
NVNT	2-DH5	2480	Ant1	1.203
NVNT	3-DH5	2402	Ant1	1.214
NVNT	3-DH5	2441	Ant1	1.217
NVNT	3-DH5	2480	Ant1	1.224





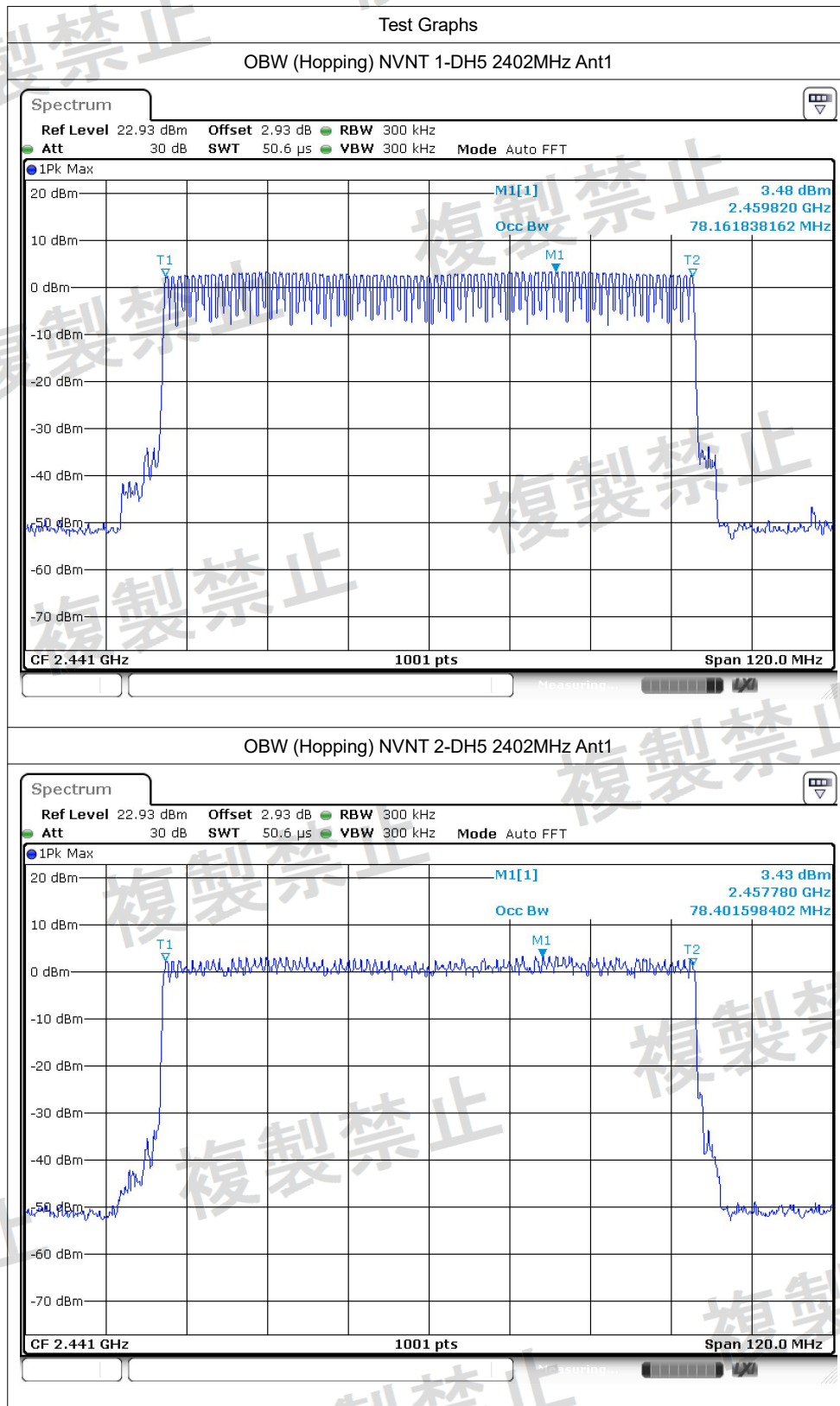


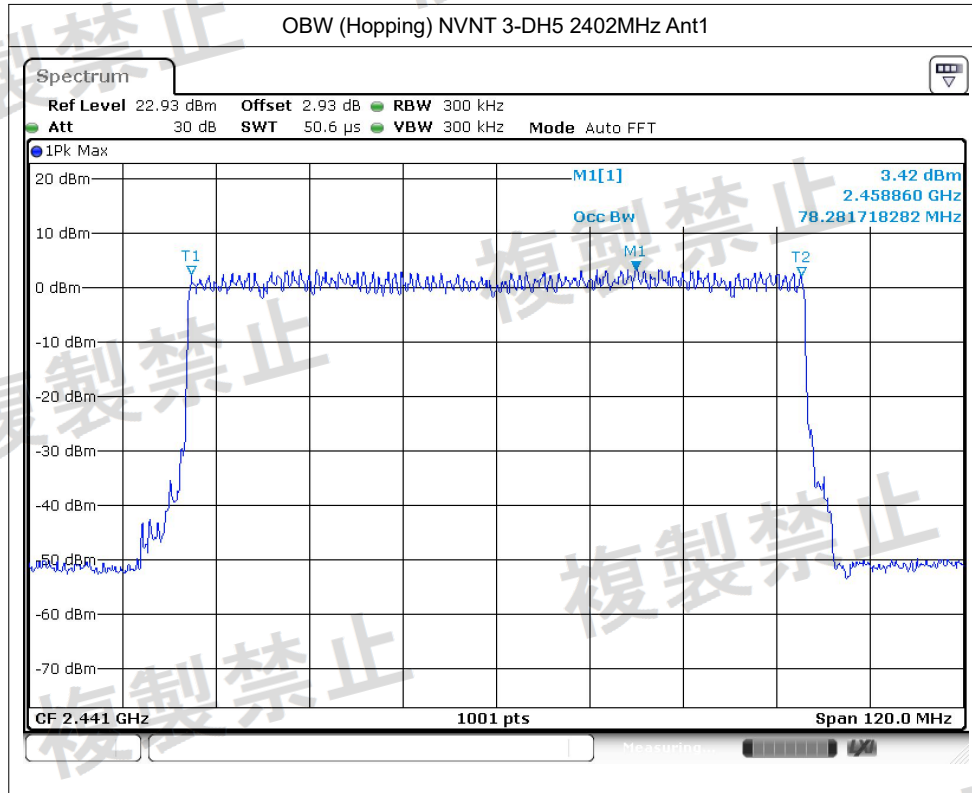




Occupied Channel Bandwidth (Hopping)

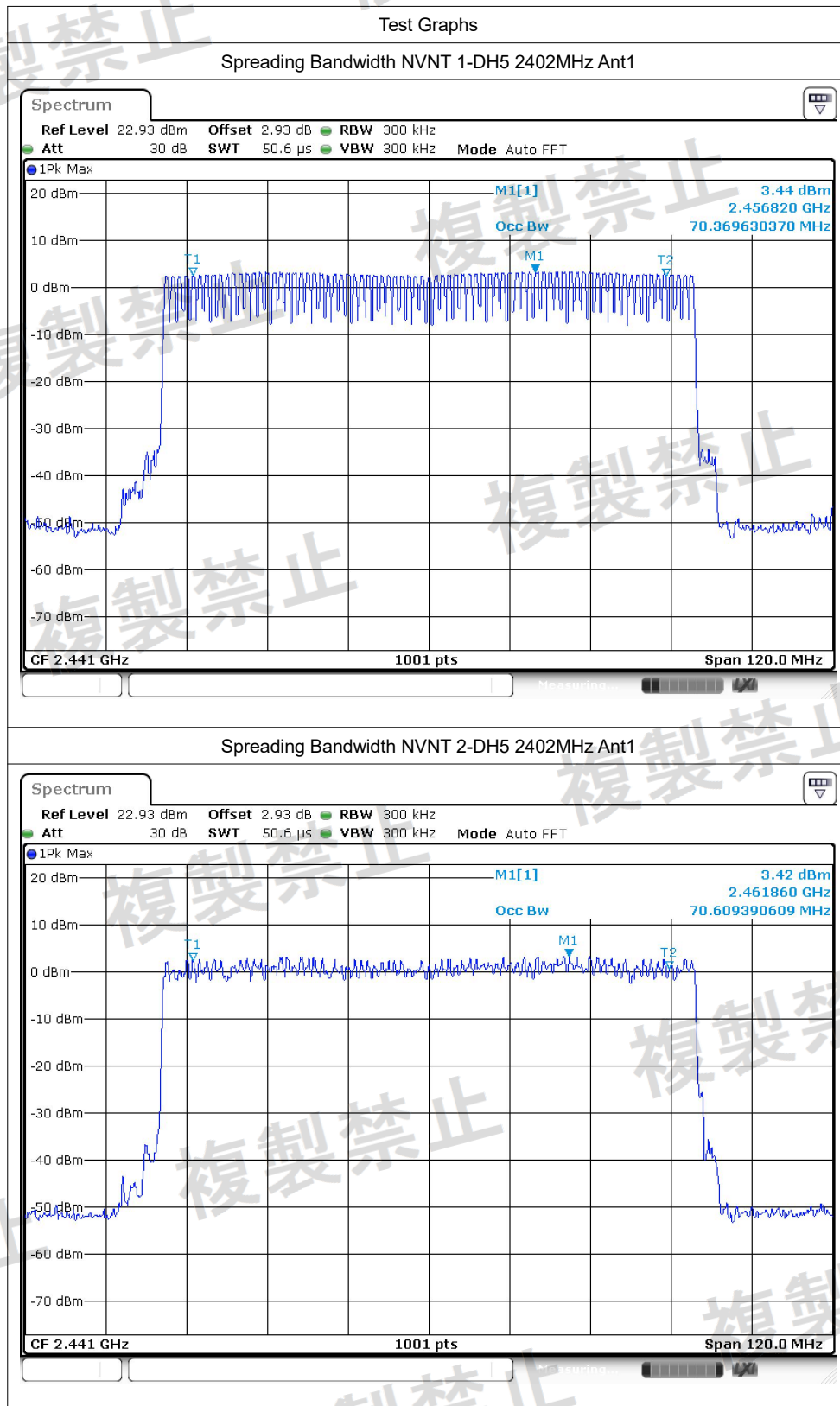
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2402	Ant1	78.162
NVNT	2-DH5	2402	Ant1	78.402
NVNT	3-DH5	2402	Ant1	78.282

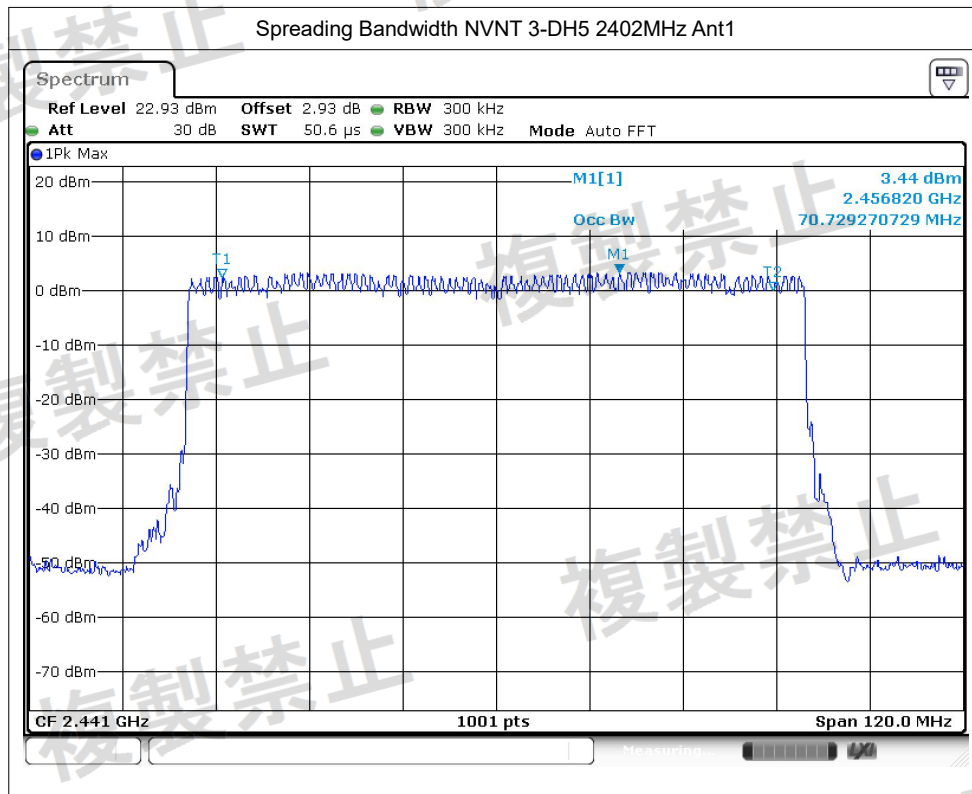




Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402	Ant1	70.37	0.5	Pass
NVNT	2-DH5	2402	Ant1	70.609	0.5	Pass
NVNT	3-DH5	2402	Ant1	70.729	0.5	Pass



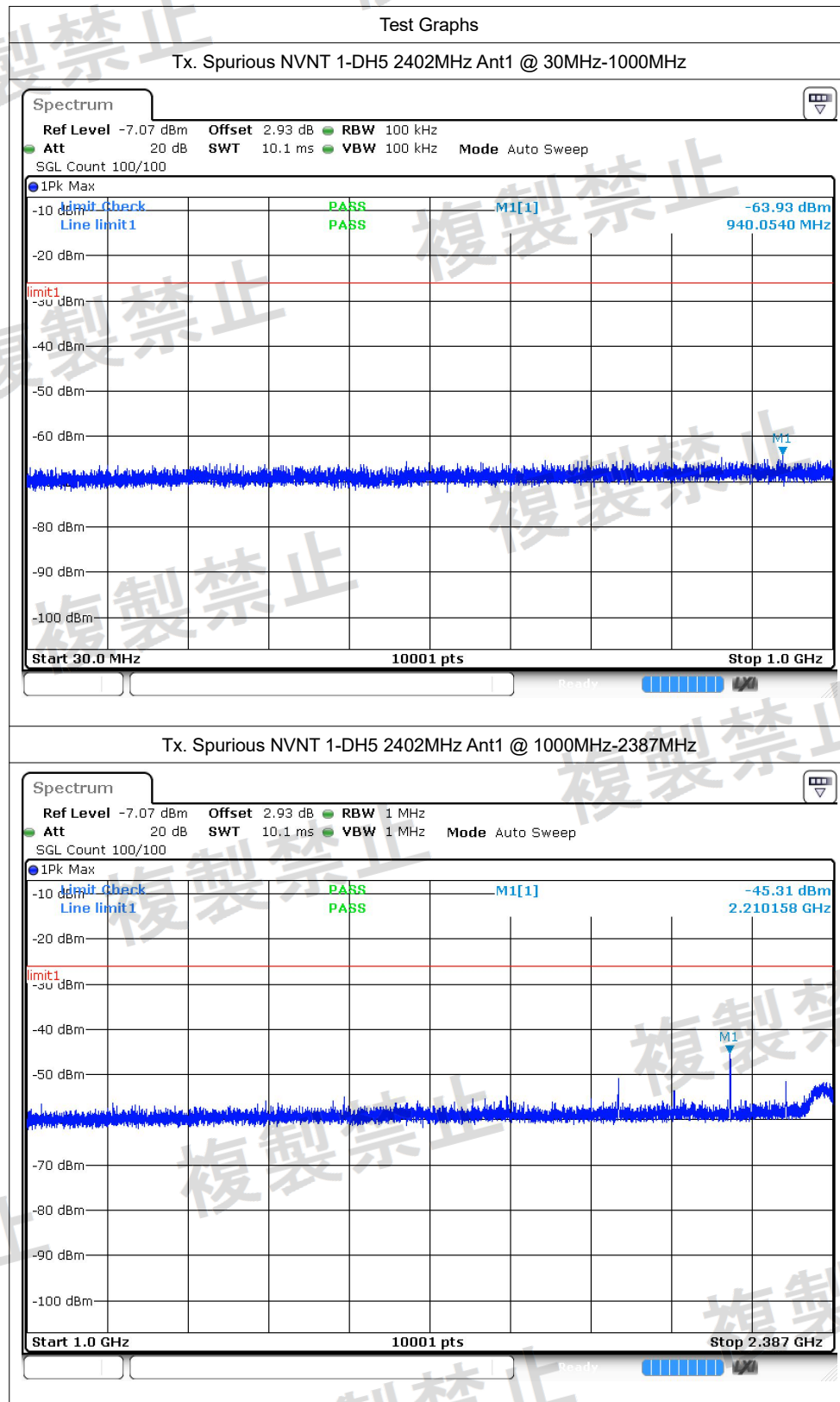


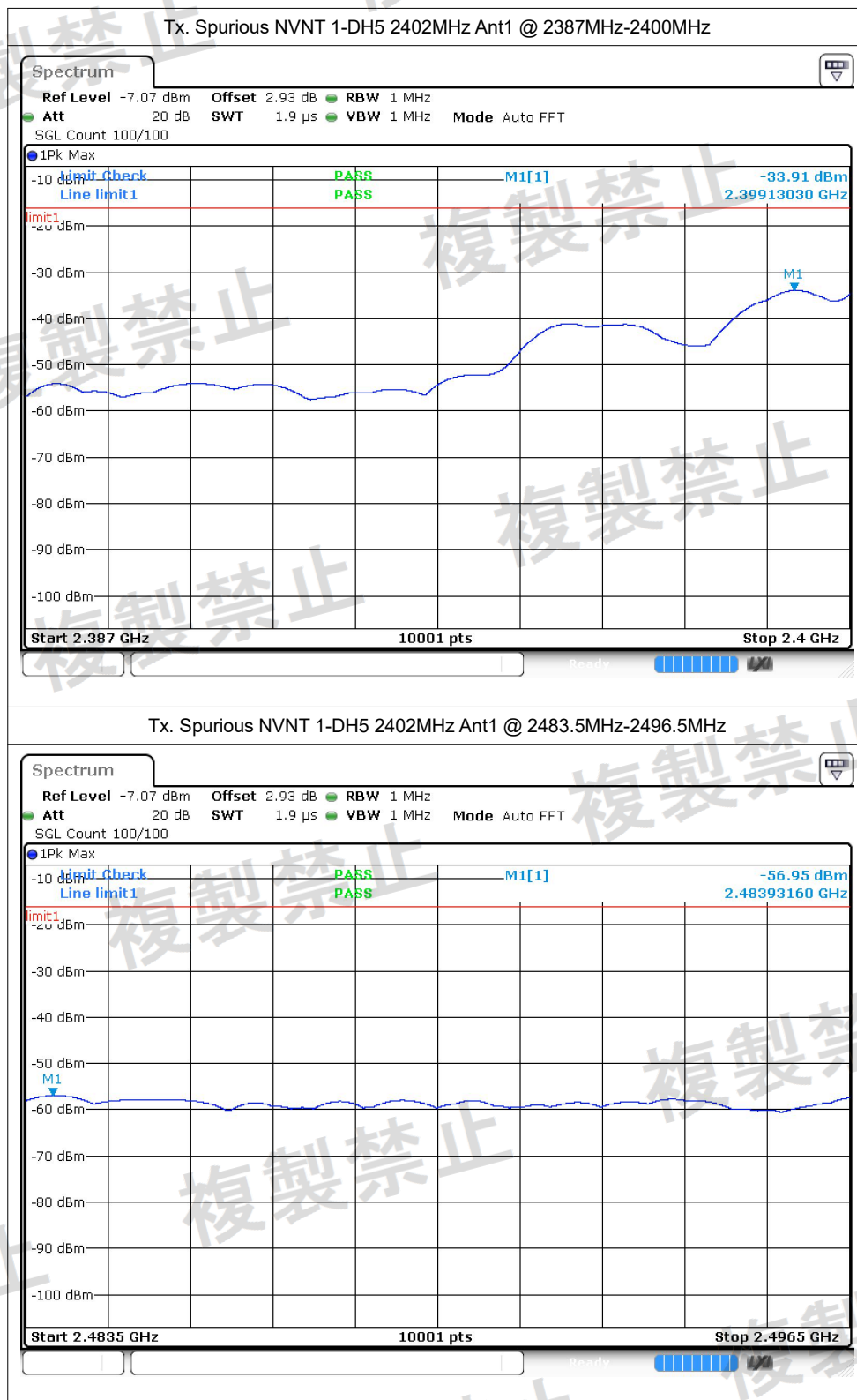
Tx Spurious Emission

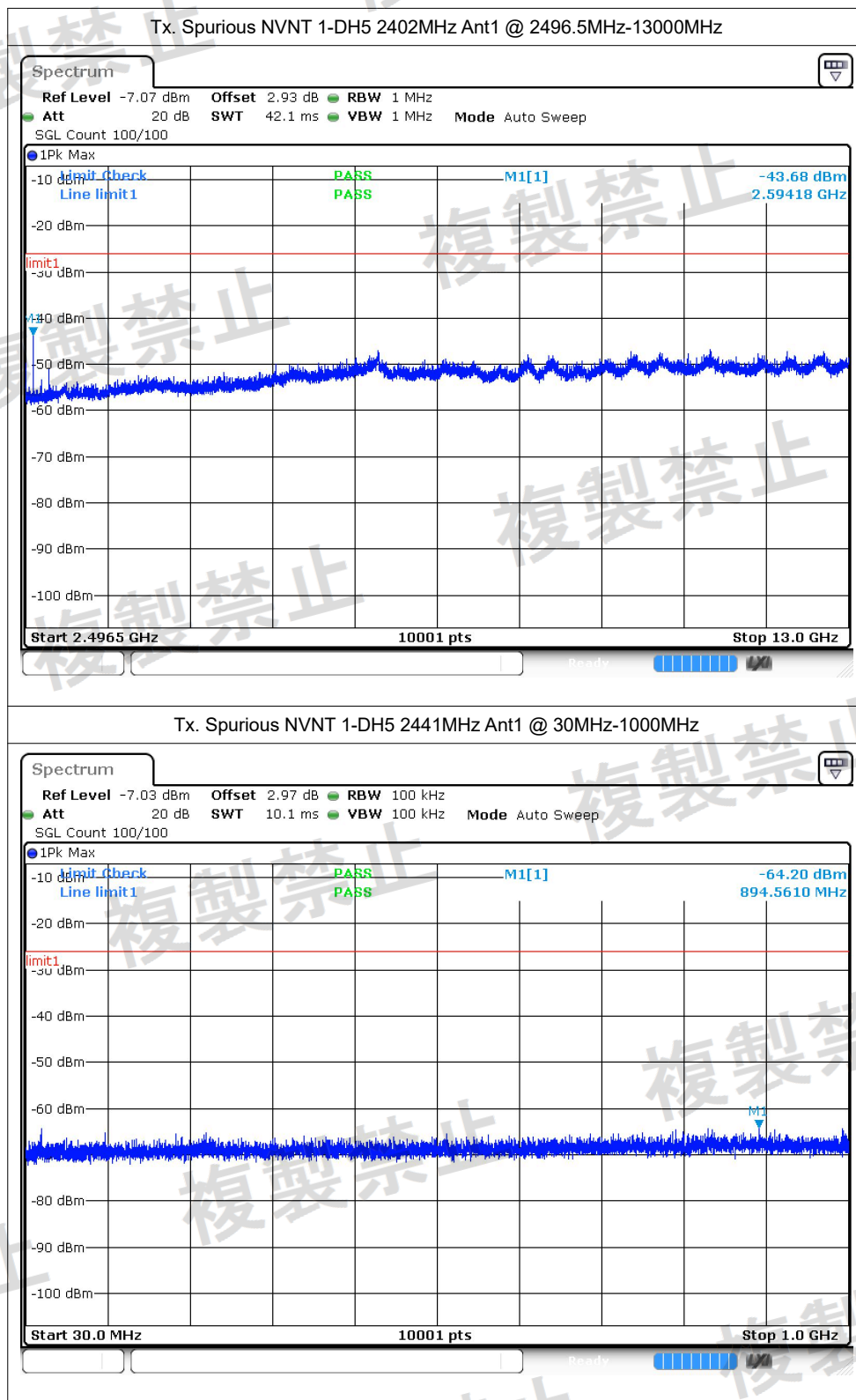
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	1-DH5	2402	Ant1	30-1000	940.05	-53.92	NA	0.0041	NA	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	1000-2387	2210.16	-45.31	NA	0.0294	NA	2.5	2.5	Pass
NVNT	1-DH5	2402	Ant1	2387-2400	2399.13	-33.90	NA	0.4074	NA	25	25	Pass
NVNT	1-DH5	2402	Ant1	2483.5-2496.5	2483.93	-56.94	NA	0.002	NA	25	25	Pass
NVNT	1-DH5	2402	Ant1	2496.5-13000	2594.18	-43.67	NA	0.043	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	30-1000	894.56	-54.19	NA	0.0038	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	1000-2387	2249.27	-44.09	NA	0.039	NA	2.5	2.5	Pass
NVNT	1-DH5	2441	Ant1	2387-2400	2394.78	-52.51	NA	0.0056	NA	25	25	Pass
NVNT	1-DH5	2441	Ant1	2483.5-2496.5	2488.97	-51.93	NA	0.0064	NA	25	25	Pass
NVNT	1-DH5	2441	Ant1	2496.5-13000	2532.21	-35.92	NA	0.2559	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	30-1000	614.13	-54.26	NA	0.0037	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	1000-2387	2288.11	-42.97	NA	0.0505	NA	2.5	2.5	Pass
NVNT	1-DH5	2480	Ant1	2387-2400	2388.02	-56.26	NA	0.0024	NA	25	25	Pass
NVNT	1-DH5	2480	Ant1	2483.5-2496.5	2483.50	-34.97	NA	0.3184	NA	25	25	Pass
NVNT	1-DH5	2480	Ant1	2496.5-13000	2532.21	-34.51	NA	0.354	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	30-1000	890.10	-54.09	NA	0.0039	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	1000-2387	2210.16	-45.74	NA	0.0267	NA	2.5	2.5	Pass
NVNT	2-DH5	2402	Ant1	2387-2400	2400.00	-28.85	NA	1.3032	NA	25	25	Pass
NVNT	2-DH5	2402	Ant1	2483.5-2496.5	2491.57	-56.57	NA	0.0022	NA	25	25	Pass
NVNT	2-DH5	2402	Ant1	2496.5-13000	2532.21	-38.52	NA	0.1406	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	30-1000	744.41	-53.85	NA	0.0041	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	1000-2387	2249.41	-44.17	NA	0.0383	NA	2.5	2.5	Pass
NVNT	2-DH5	2441	Ant1	2387-2400	2396.52	-50.72	NA	0.0085	NA	25	25	Pass
NVNT	2-DH5	2441	Ant1	2483.5-2496.5	2487.06	-52.26	NA	0.0059	NA	25	25	Pass
NVNT	2-DH5	2441	Ant1	2496.5-13000	2632.00	-44.84	NA	0.0328	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	30-1000	989.33	-54.04	NA	0.0039	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	1000-2387	2288.38	-43.08	NA	0.0492	NA	2.5	2.5	Pass
NVNT	2-DH5	2480	Ant1	2387-2400	2399.78	-55.20	NA	0.003	NA	25	25	Pass
NVNT	2-DH5	2480	Ant1	2483.5-2496.5	2483.50	-35.09	NA	0.3097	NA	25	25	Pass
NVNT	2-DH5	2480	Ant1	2496.5-13000	2532.21	-35.01	NA	0.3155	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	30-1000	797.66	-54.67	NA	0.0034	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	1000-2387	2210.43	-46.04	NA	0.0249	NA	2.5	2.5	Pass
NVNT	3-DH5	2402	Ant1	2387-2400	2400.00	-28.09	NA	1.5524	NA	25	25	Pass
NVNT	3-DH5	2402	Ant1	2483.5-2496.5	2496.31	-56.13	NA	0.0024	NA	25	25	Pass
NVNT	3-DH5	2402	Ant1	2496.5-13000	2532.21	-41.88	NA	0.0649	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	30-1000	877.00	-54.27	NA	0.0037	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	1000-2387	2249.27	-44.20	NA	0.038	NA	2.5	2.5	Pass
NVNT	3-DH5	2441	Ant1	2387-2400	2399.79	-52.24	NA	0.006	NA	25	25	Pass

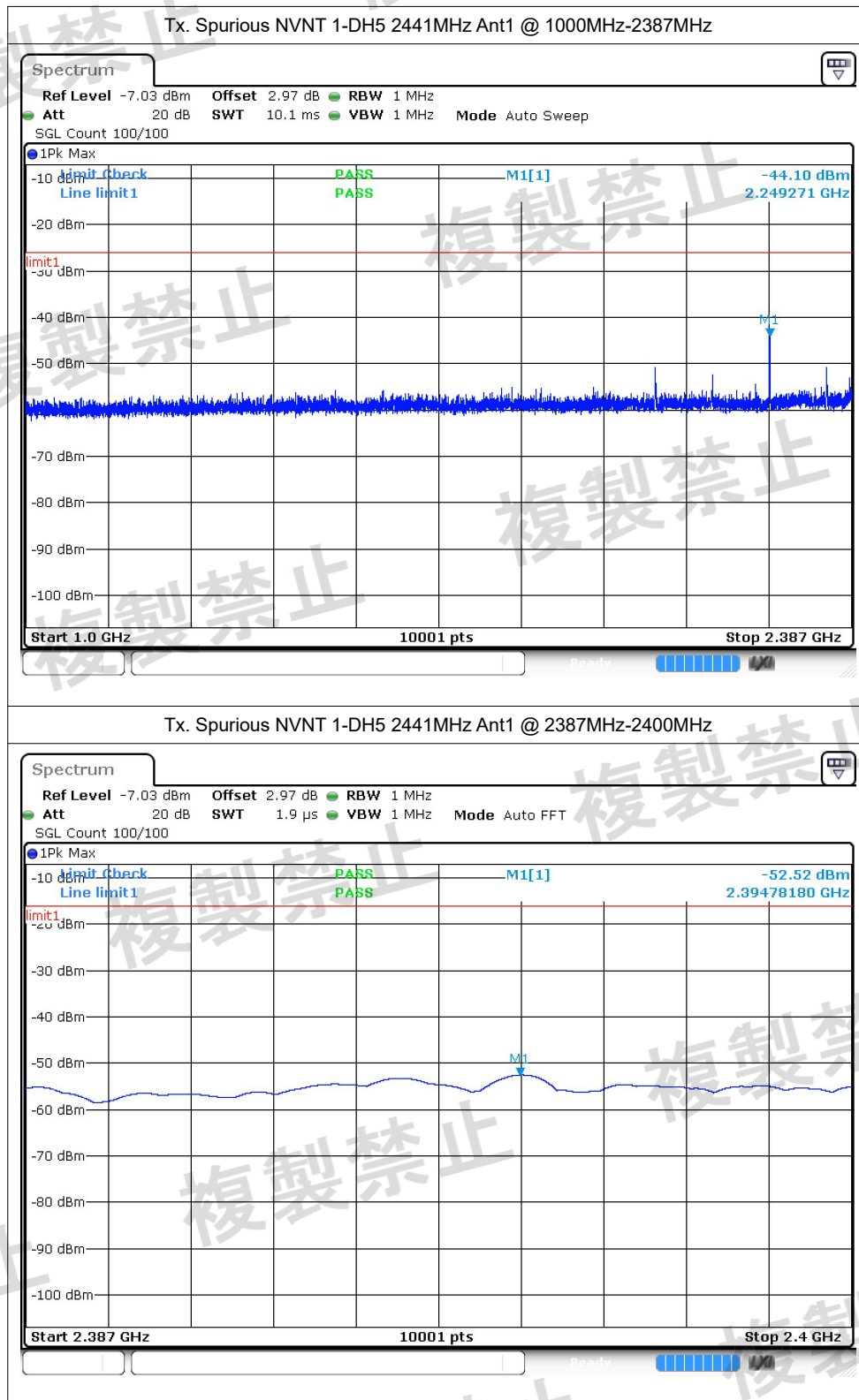


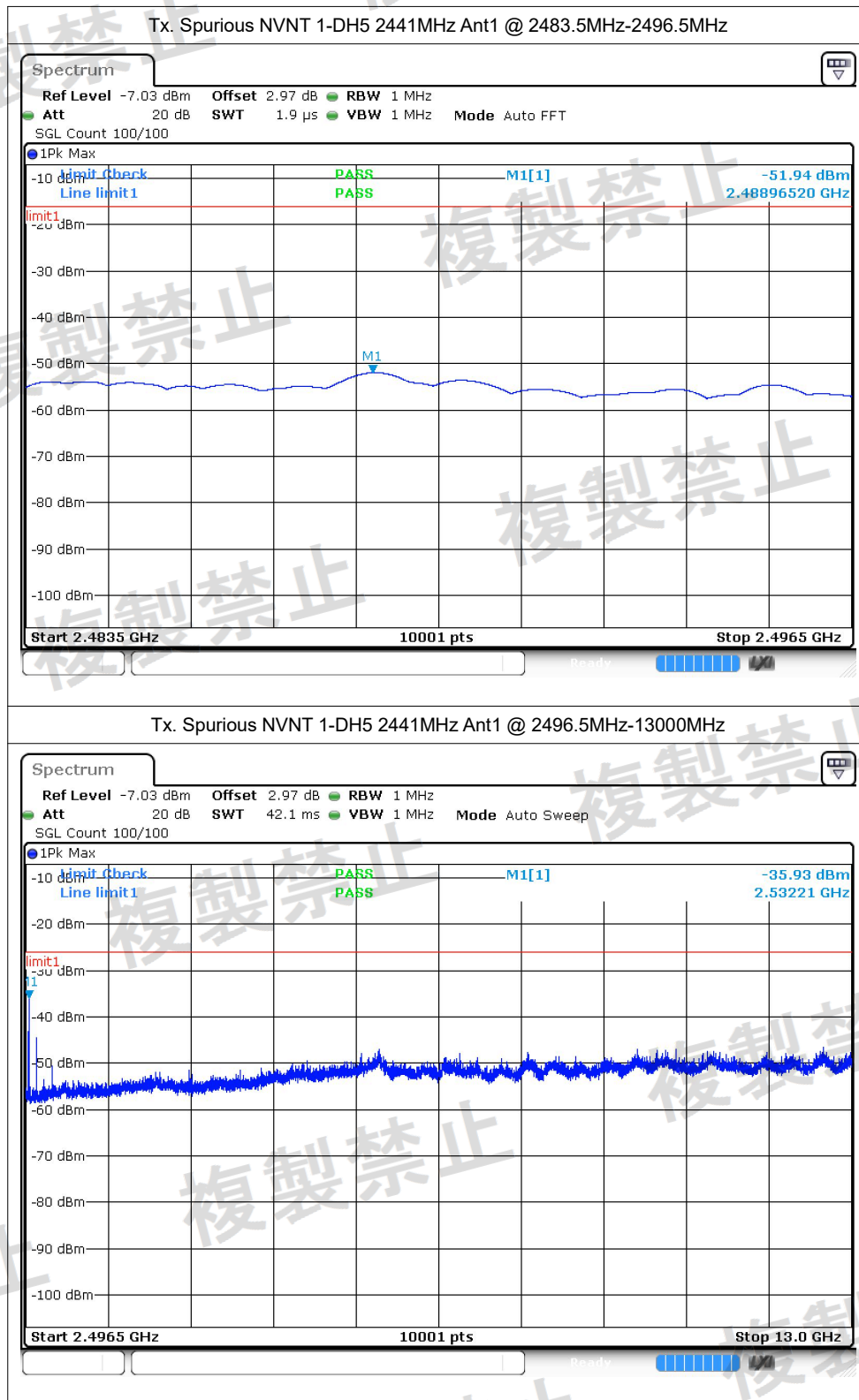
NVNT	3-DH5	2441	Ant1	2483.5-2496.5	2483.84	-50.79	NA	0.0083	NA	25	25	Pass
NVNT	3-DH5	2441	Ant1	2496.5-13000	2633.05	-44.49	NA	0.0356	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	30-1000	880.69	-54.44	NA	0.0036	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	1000-2387	2288.11	-43.17	NA	0.0482	NA	2.5	2.5	Pass
NVNT	3-DH5	2480	Ant1	2387-2400	2393.69	-56.68	NA	0.0021	NA	25	25	Pass
NVNT	3-DH5	2480	Ant1	2483.5-2496.5	2483.50	-35.40	NA	0.2884	NA	25	25	Pass
NVNT	3-DH5	2480	Ant1	2496.5-13000	2610.99	-26.96	-65.39	2.0137	0.0003	2.5	2.5	Pass

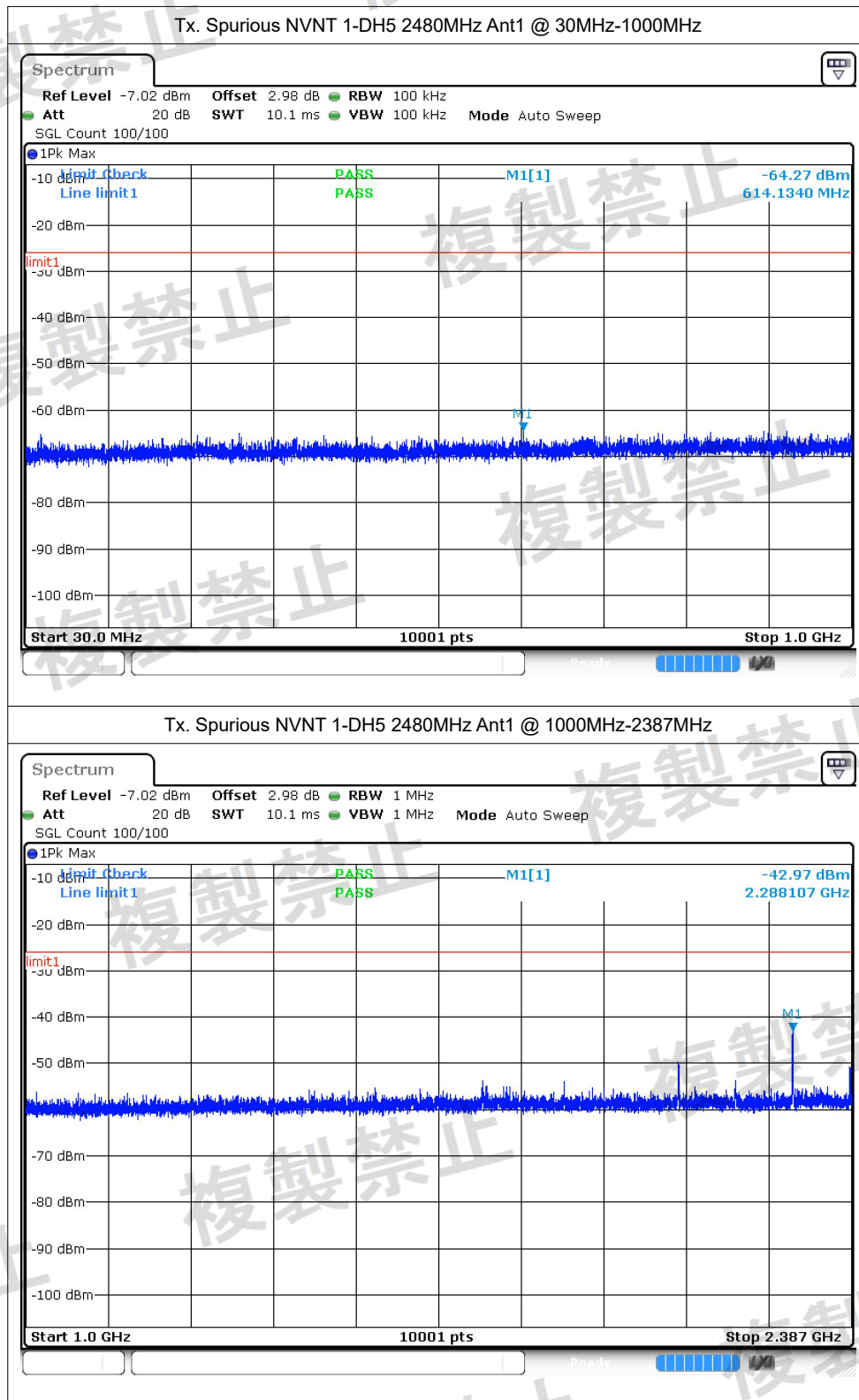


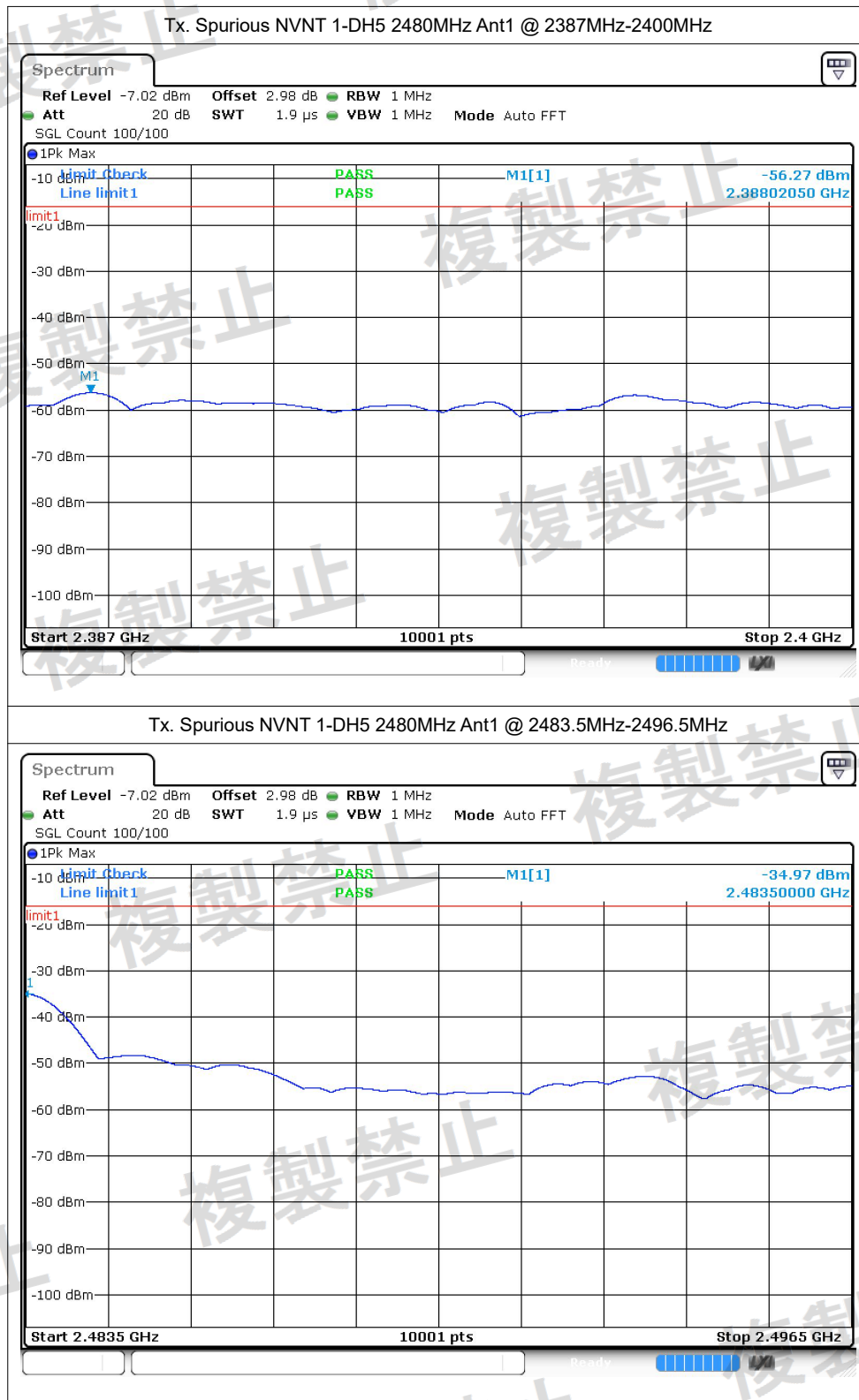


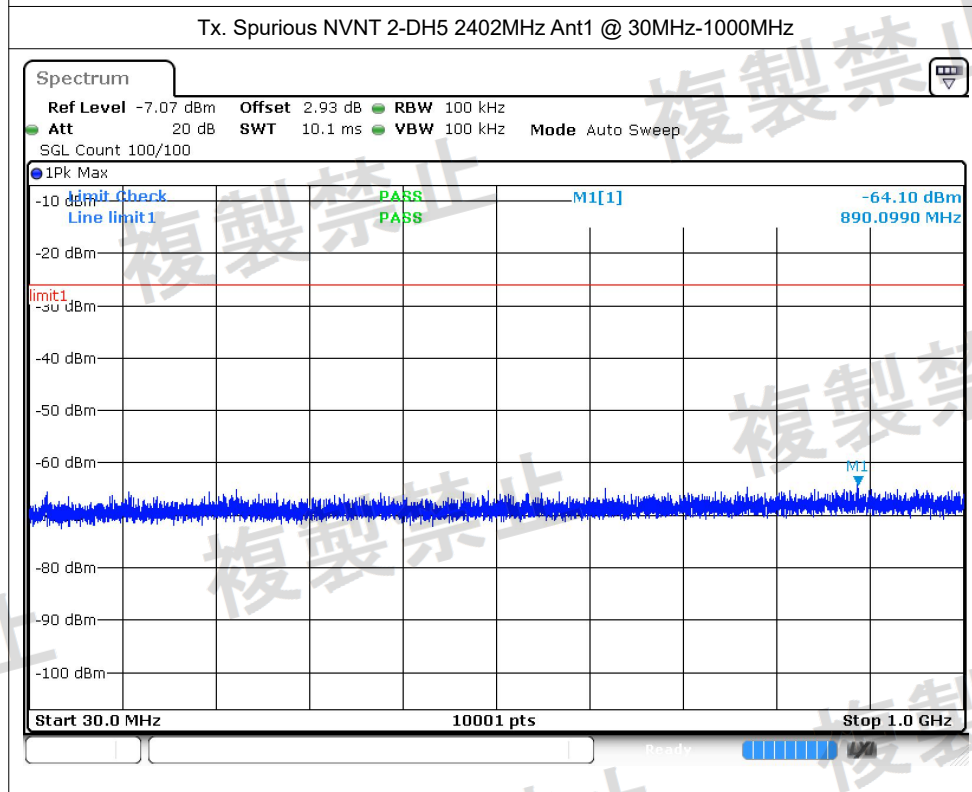
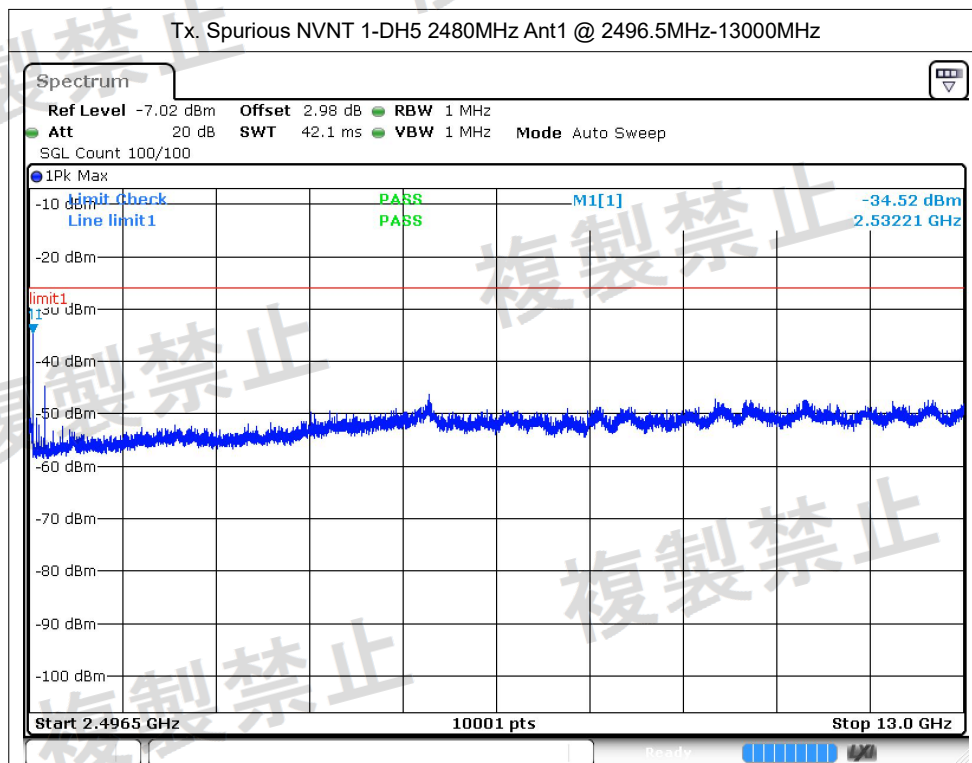


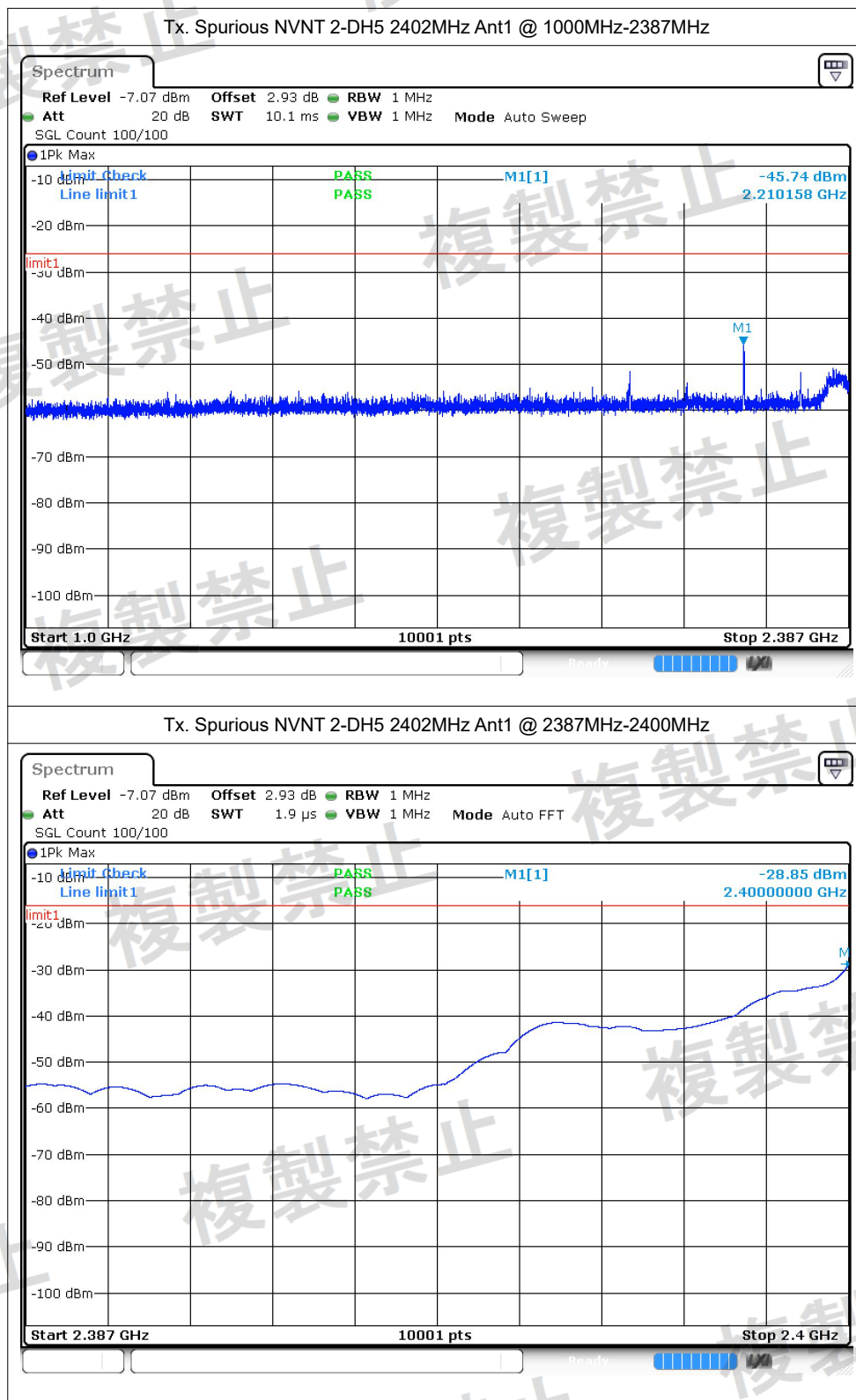


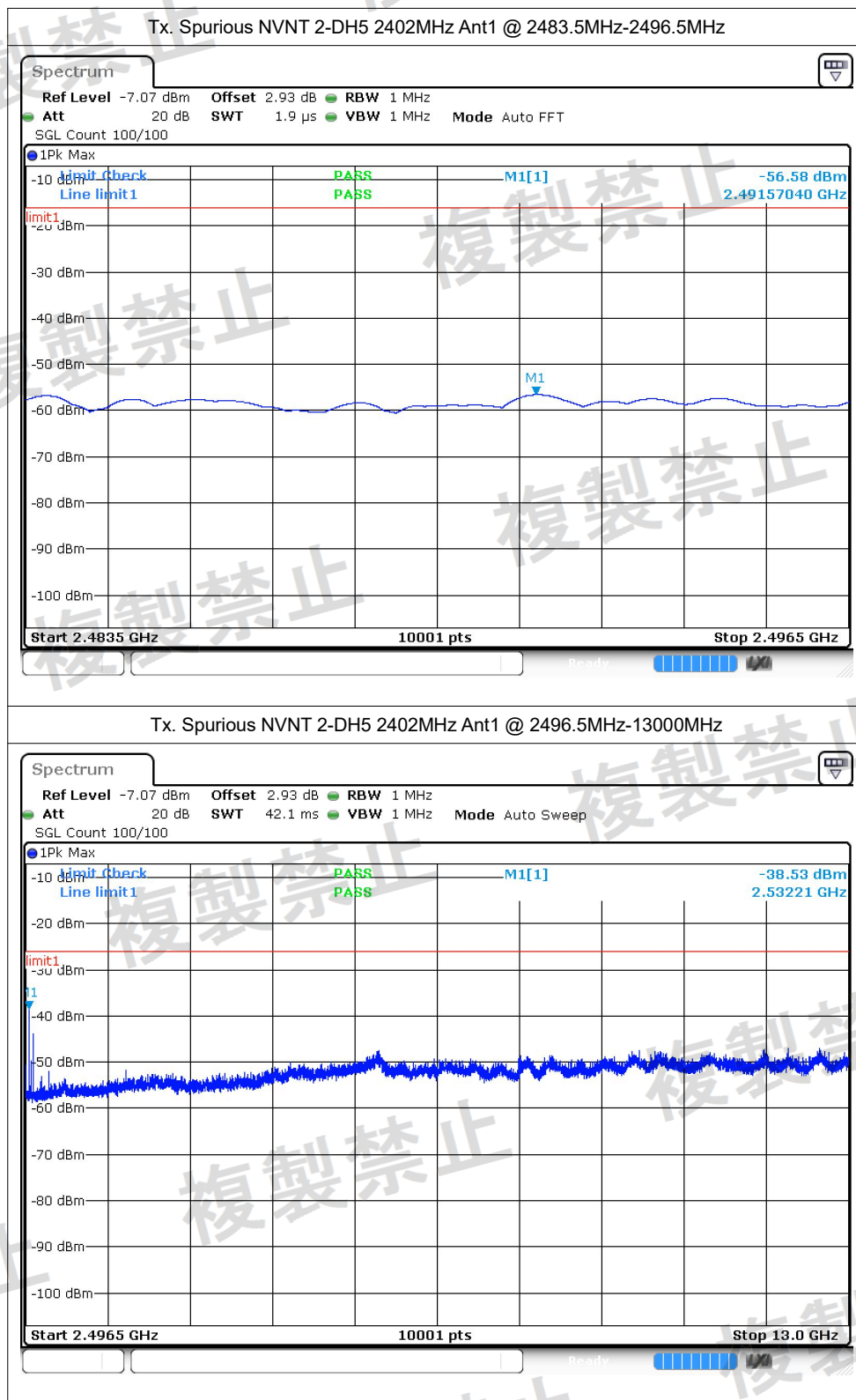


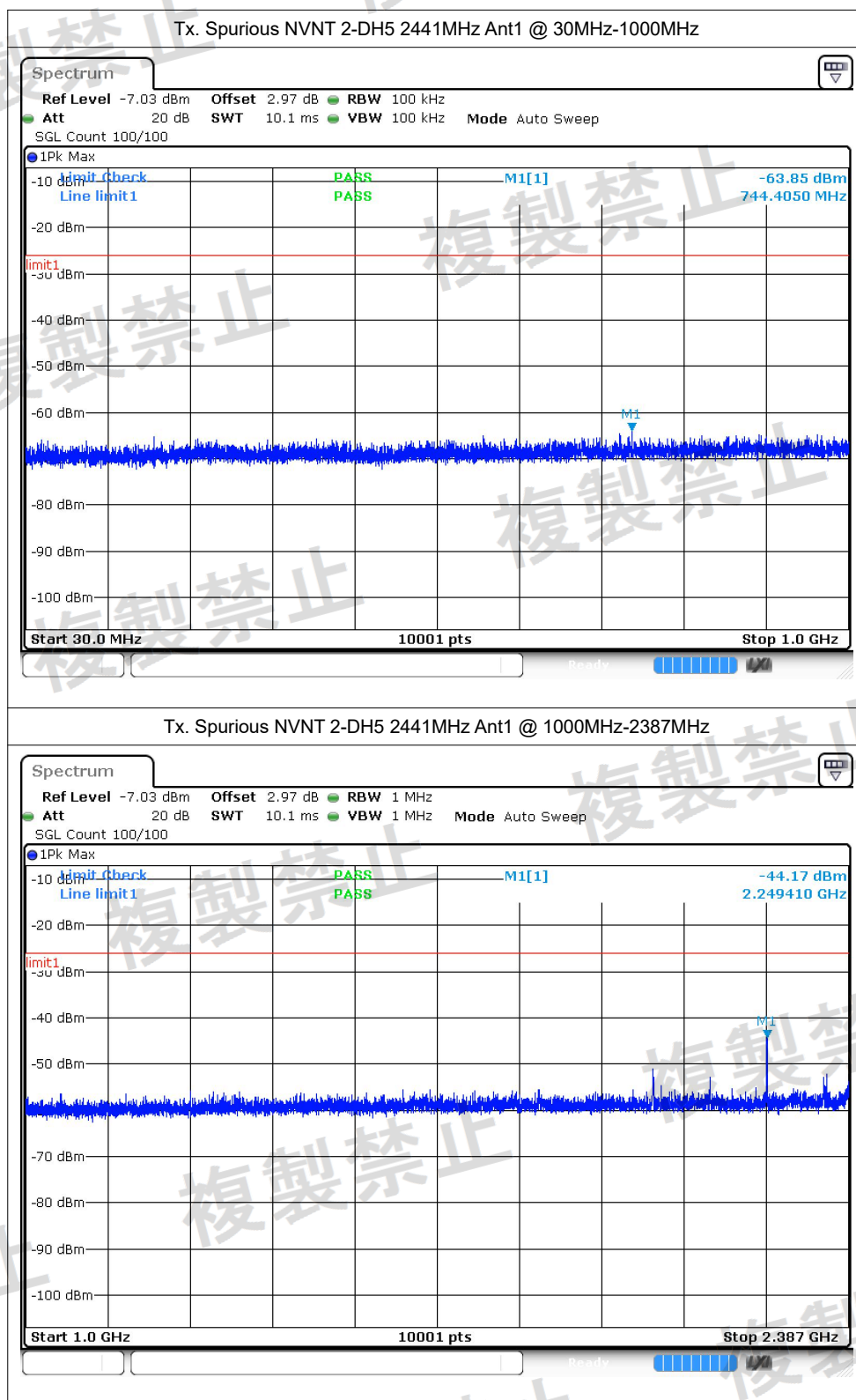


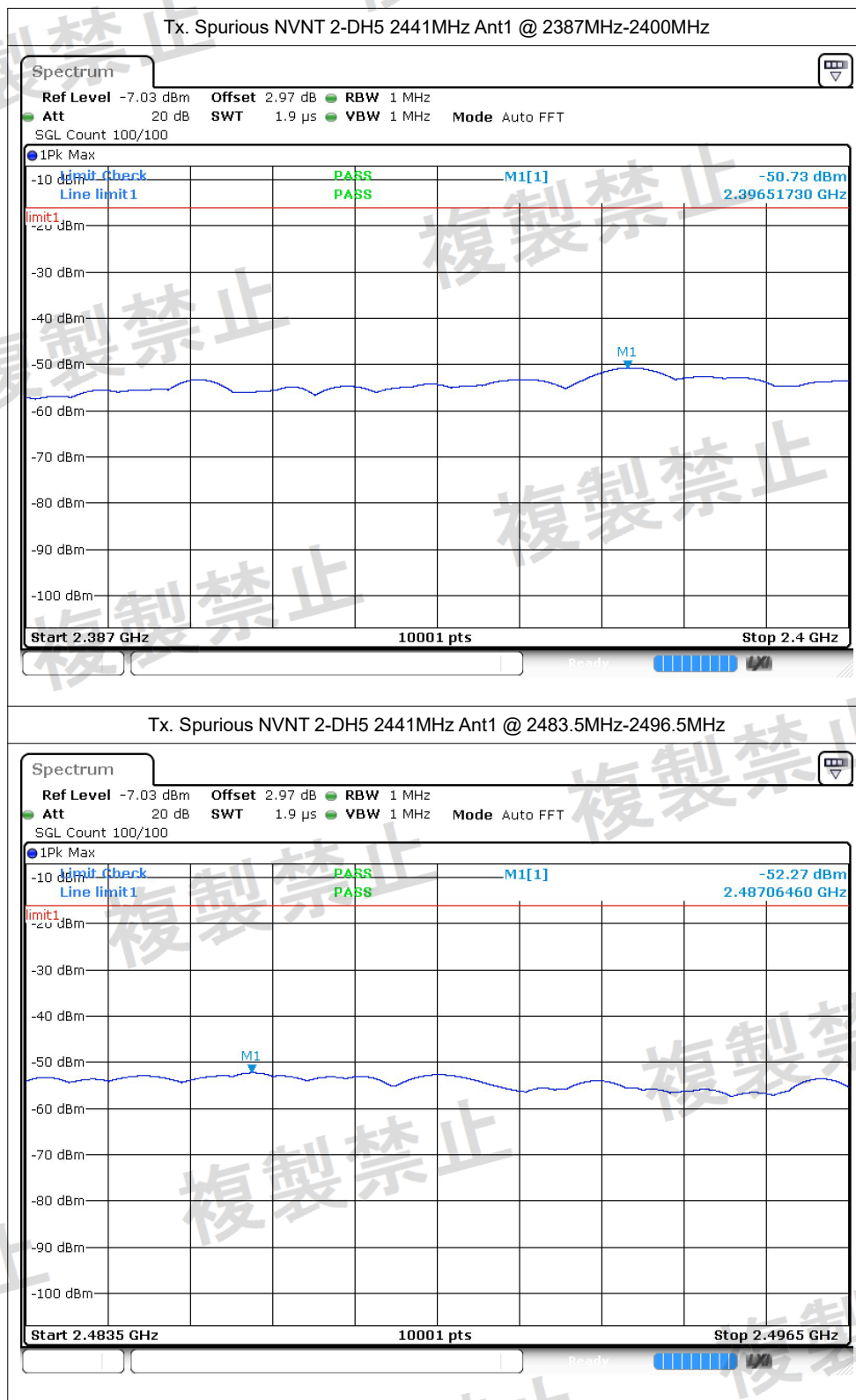


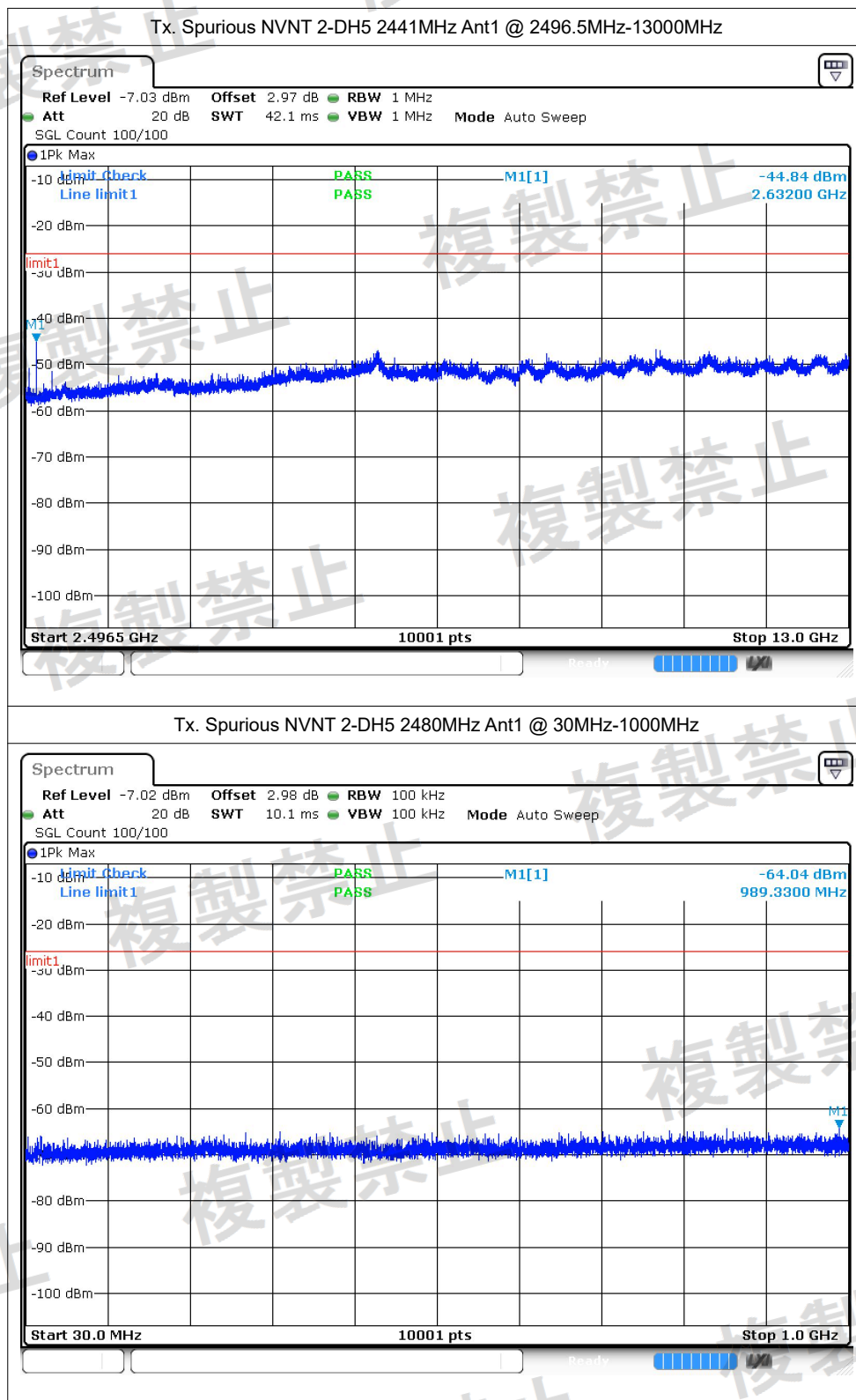


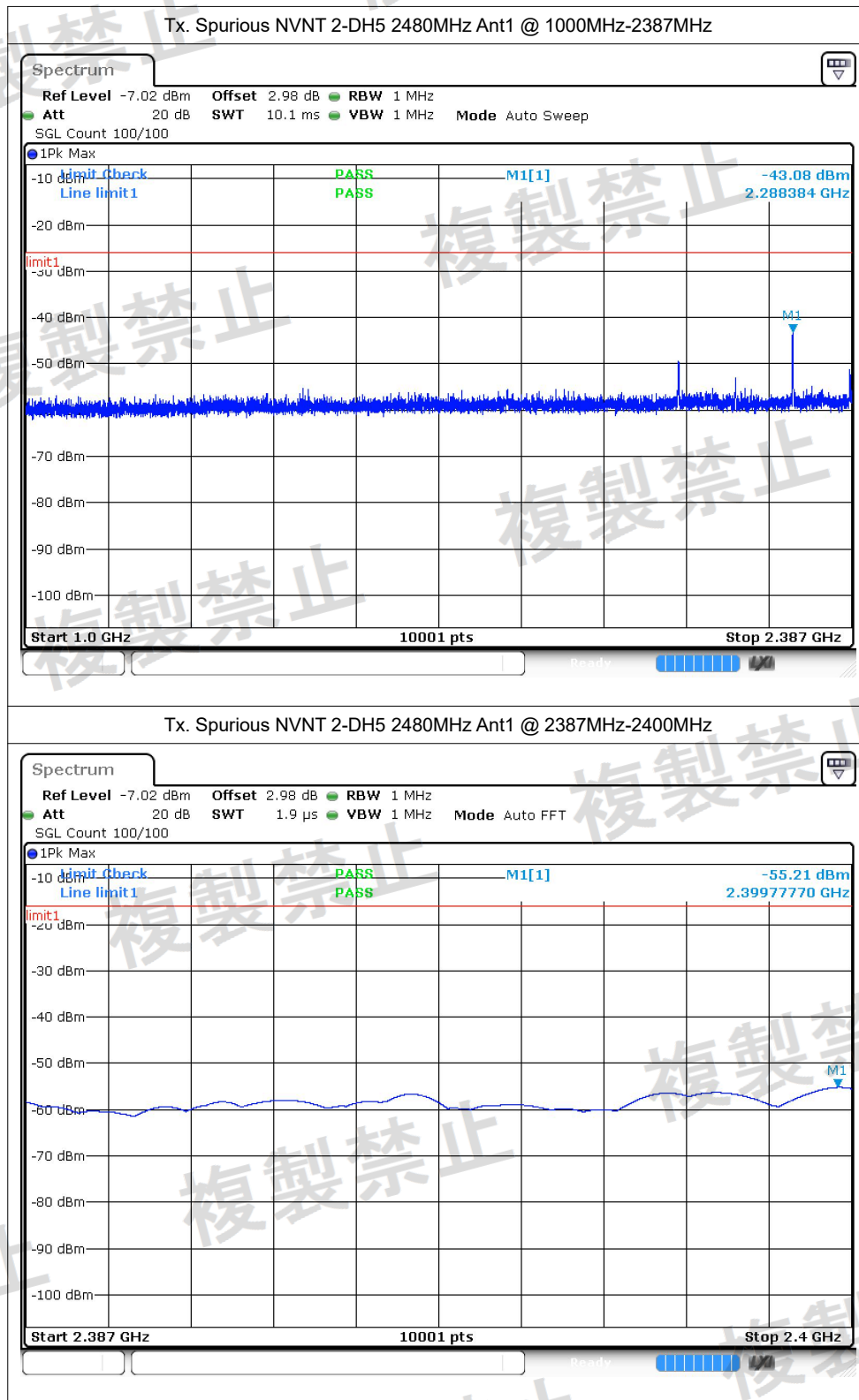


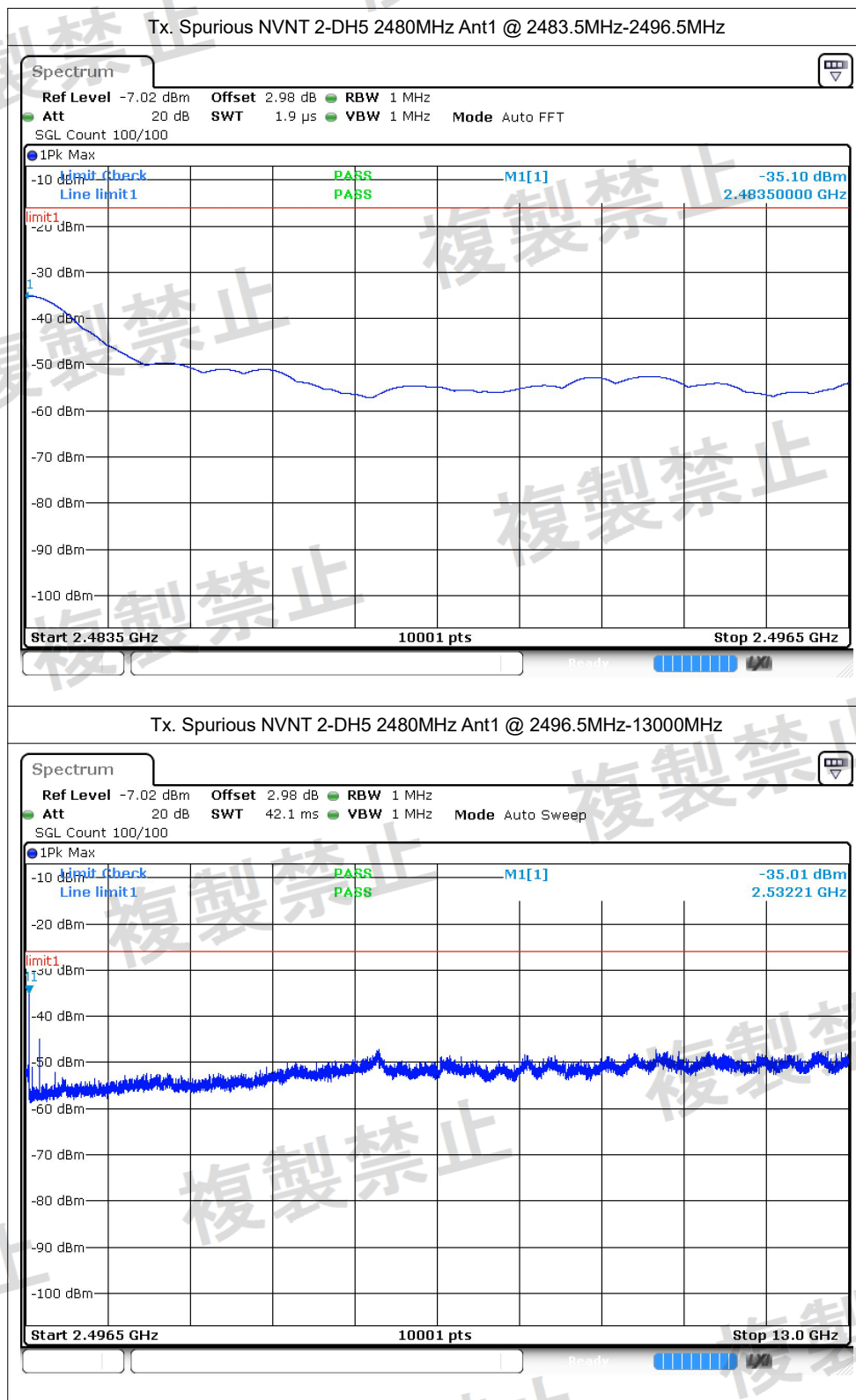


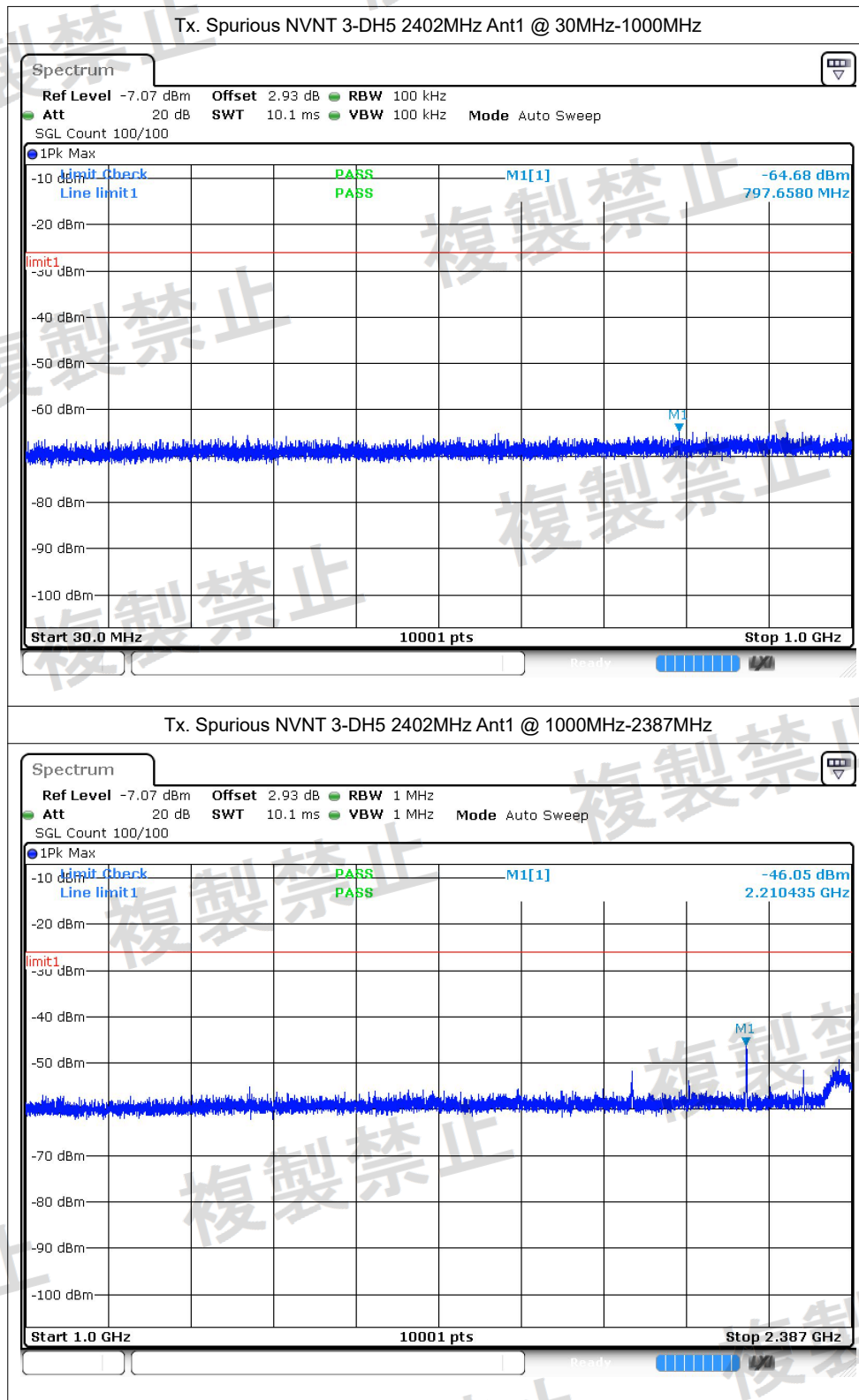




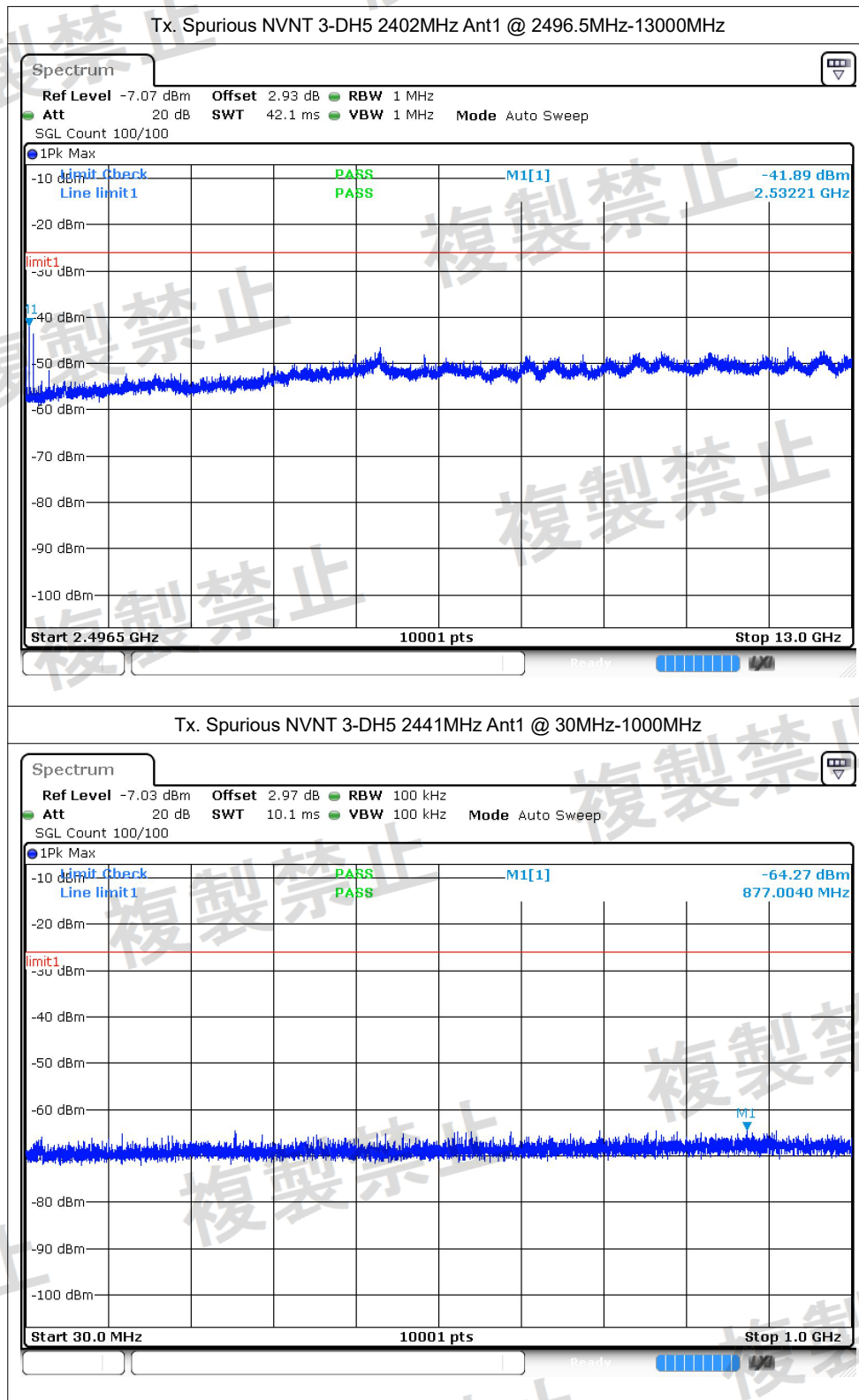


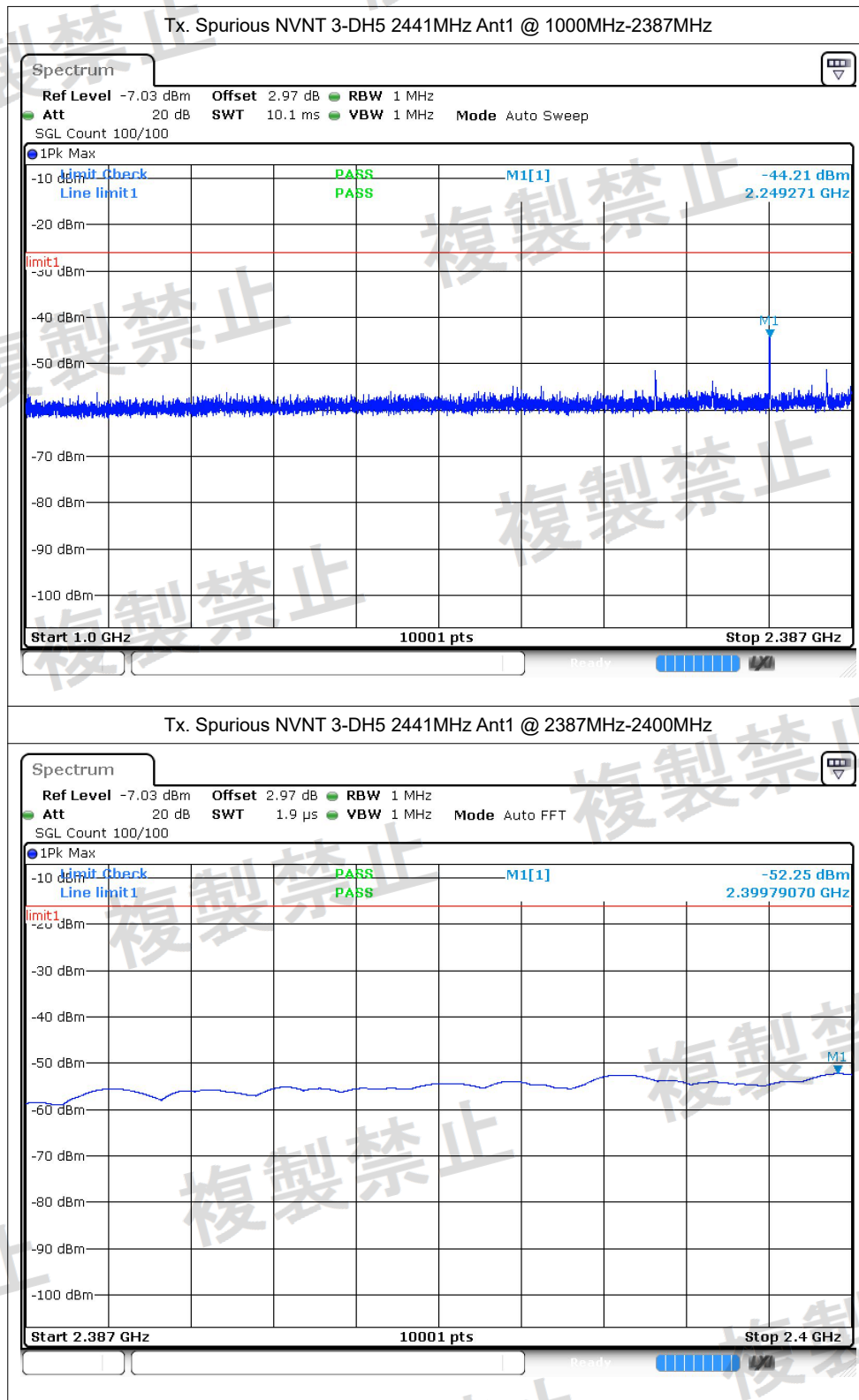


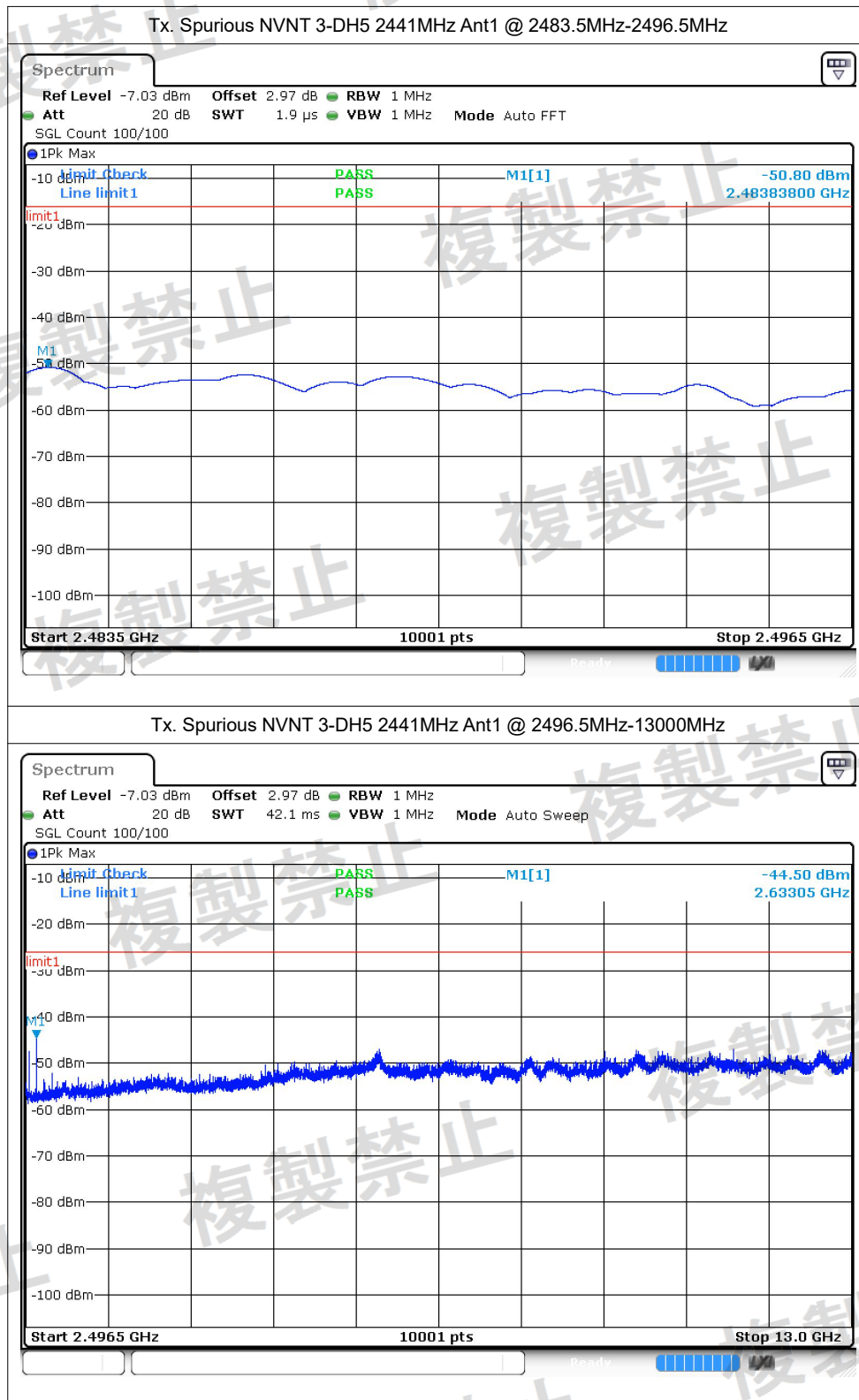


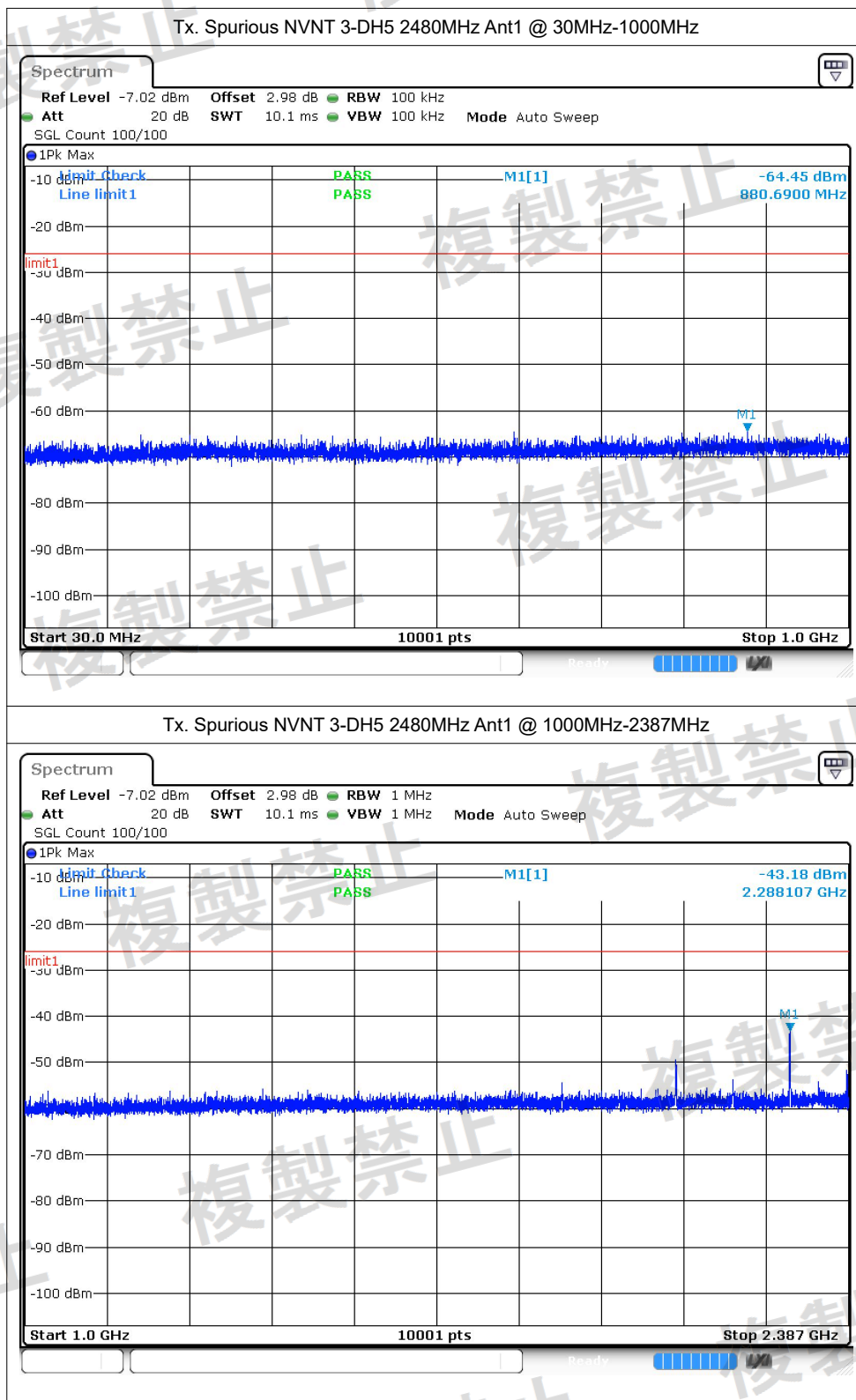


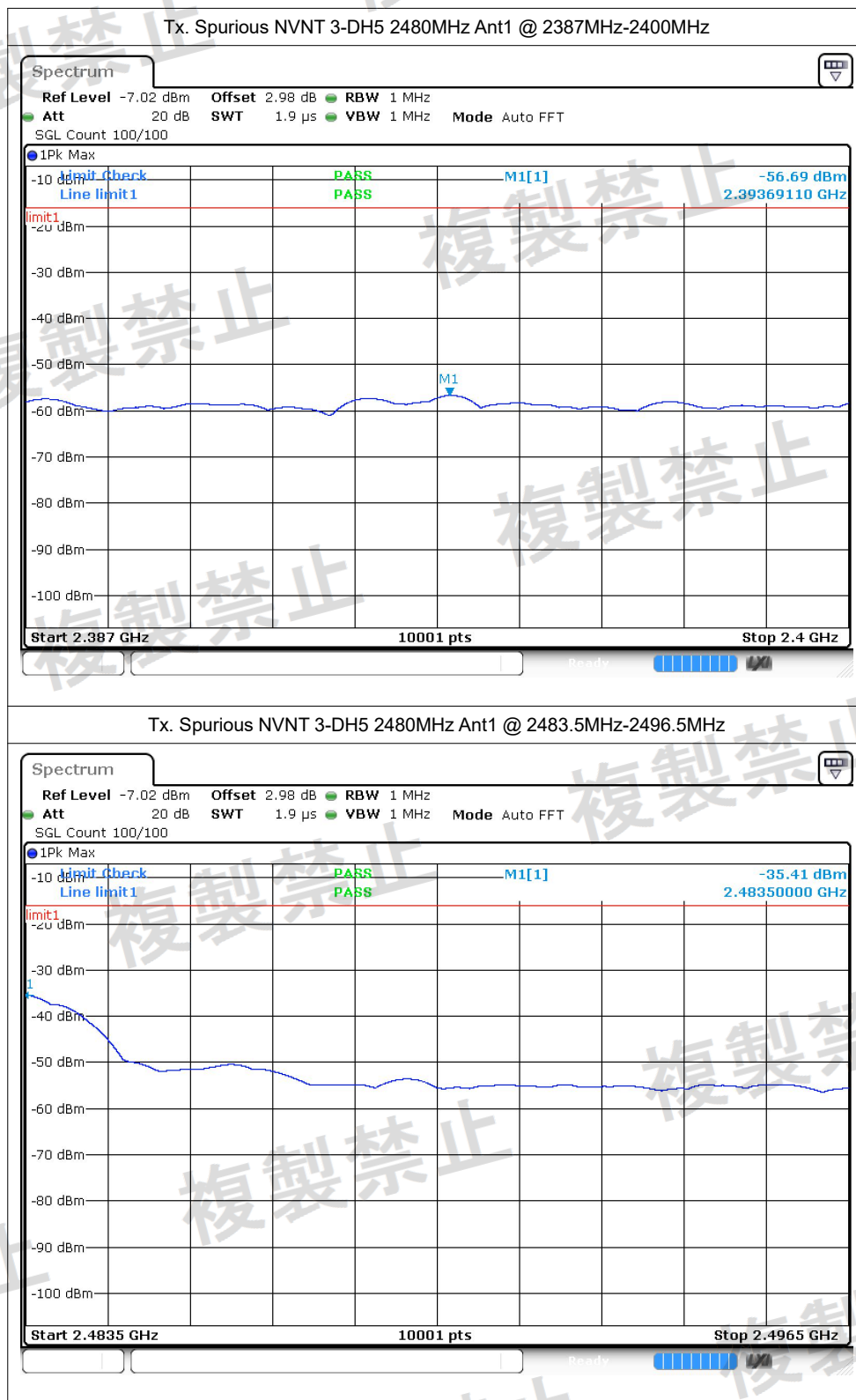


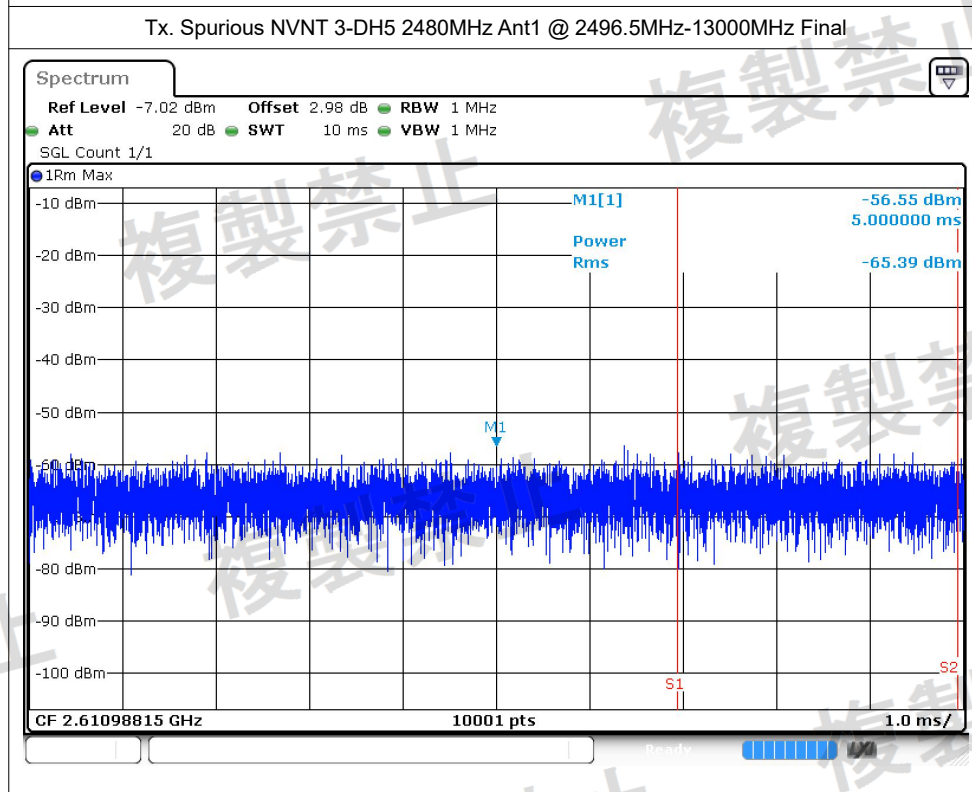
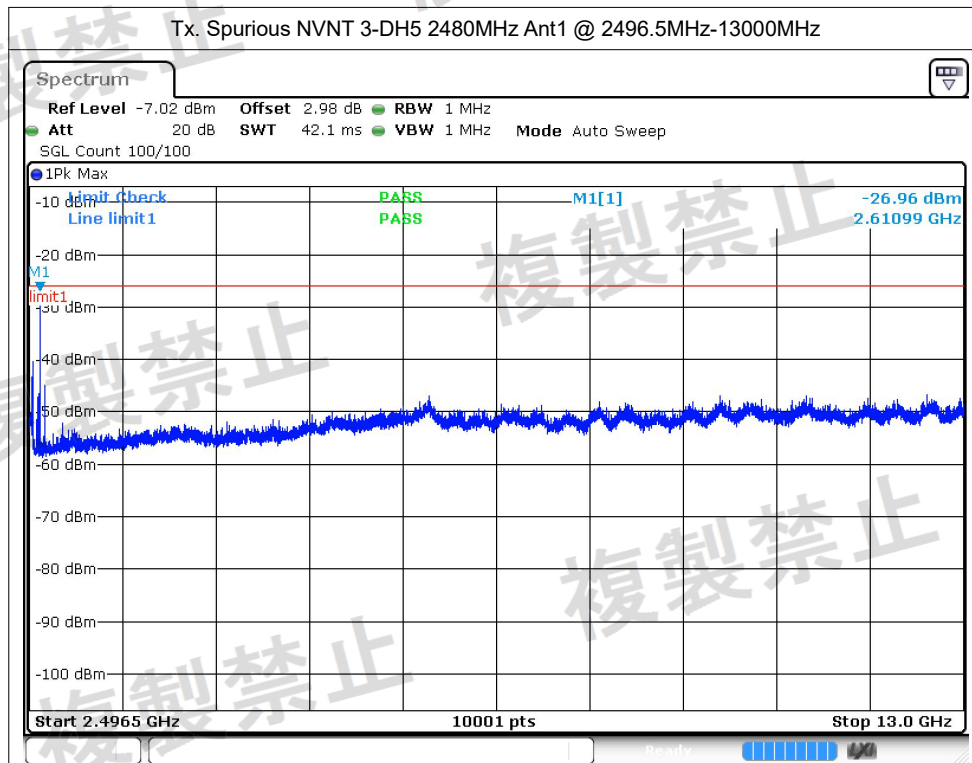






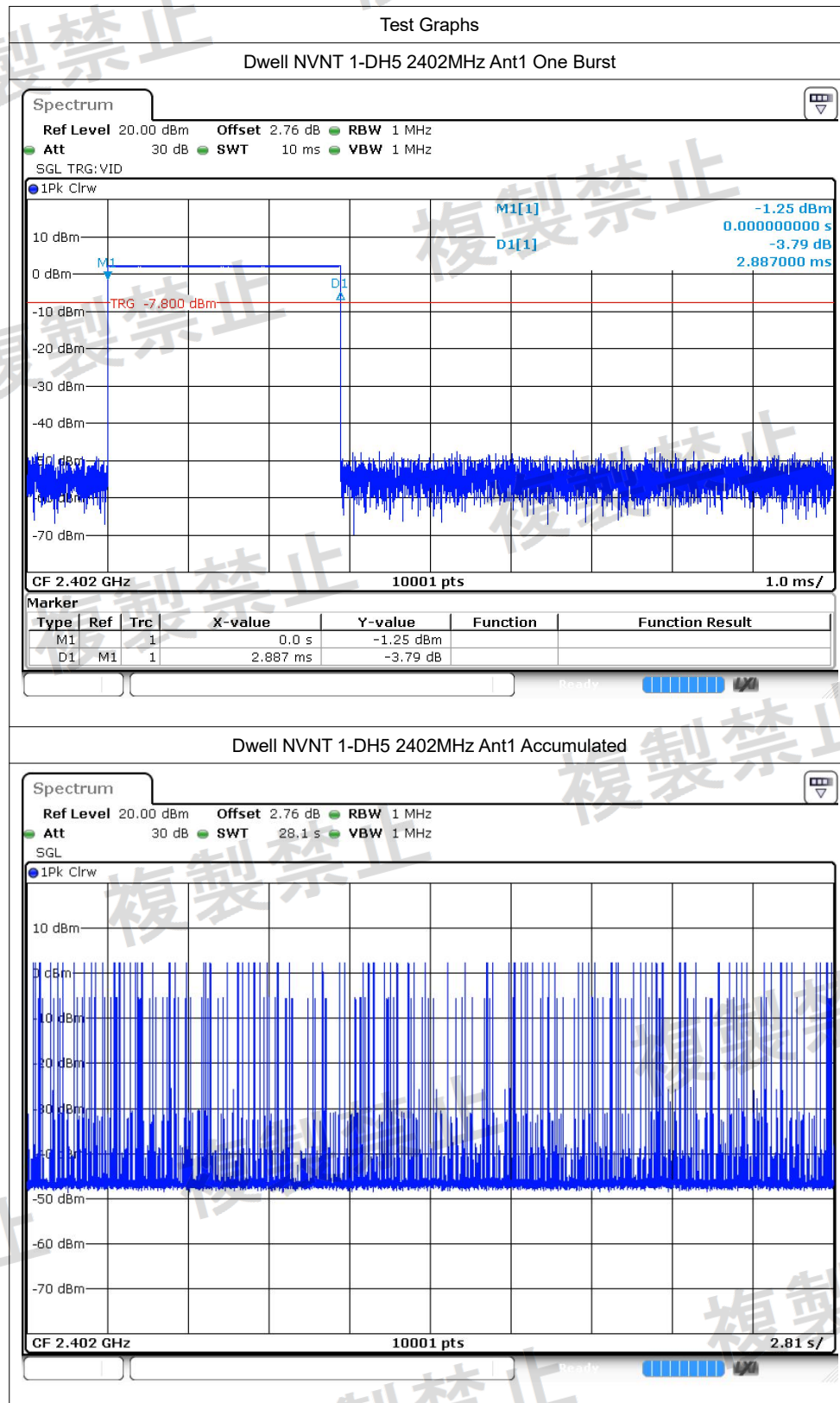


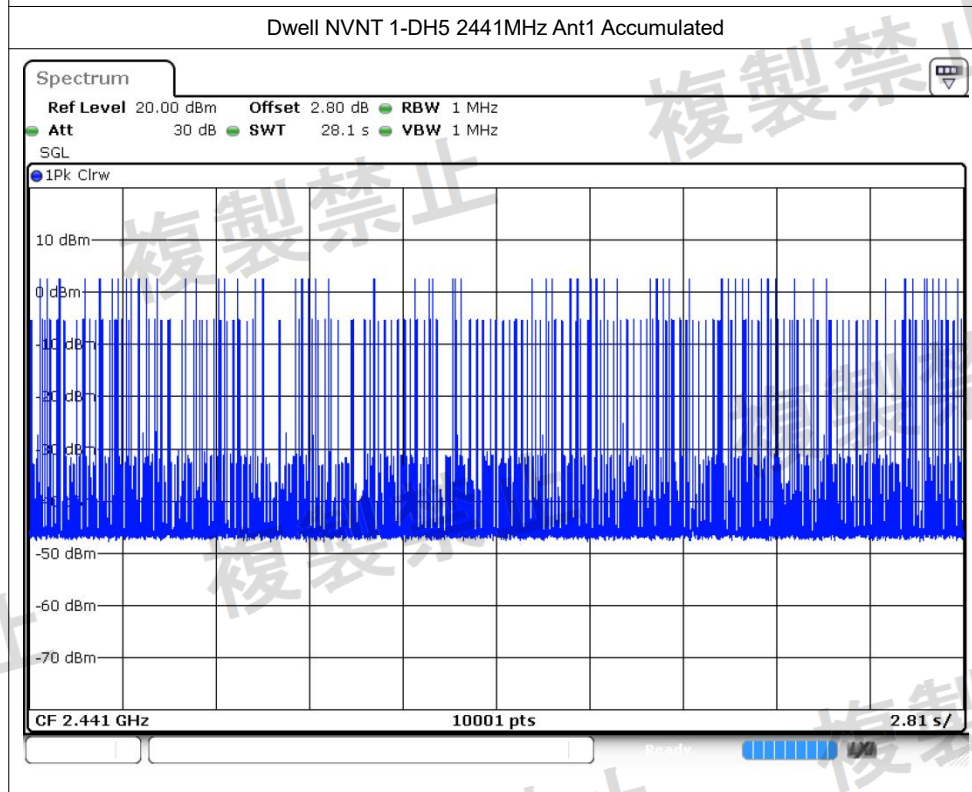
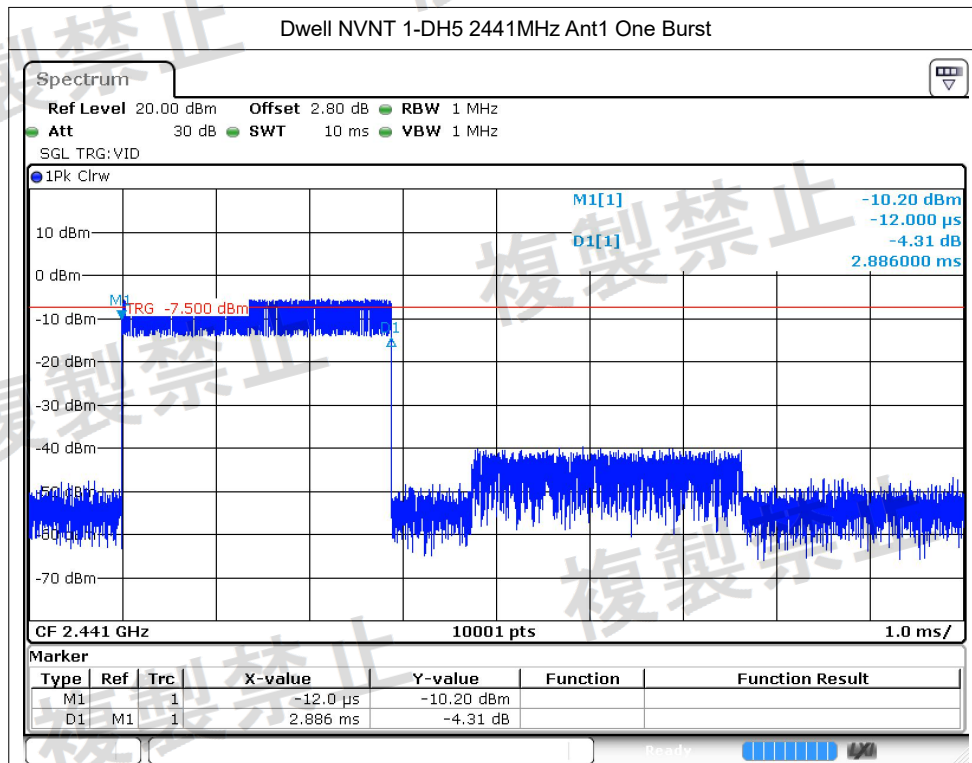


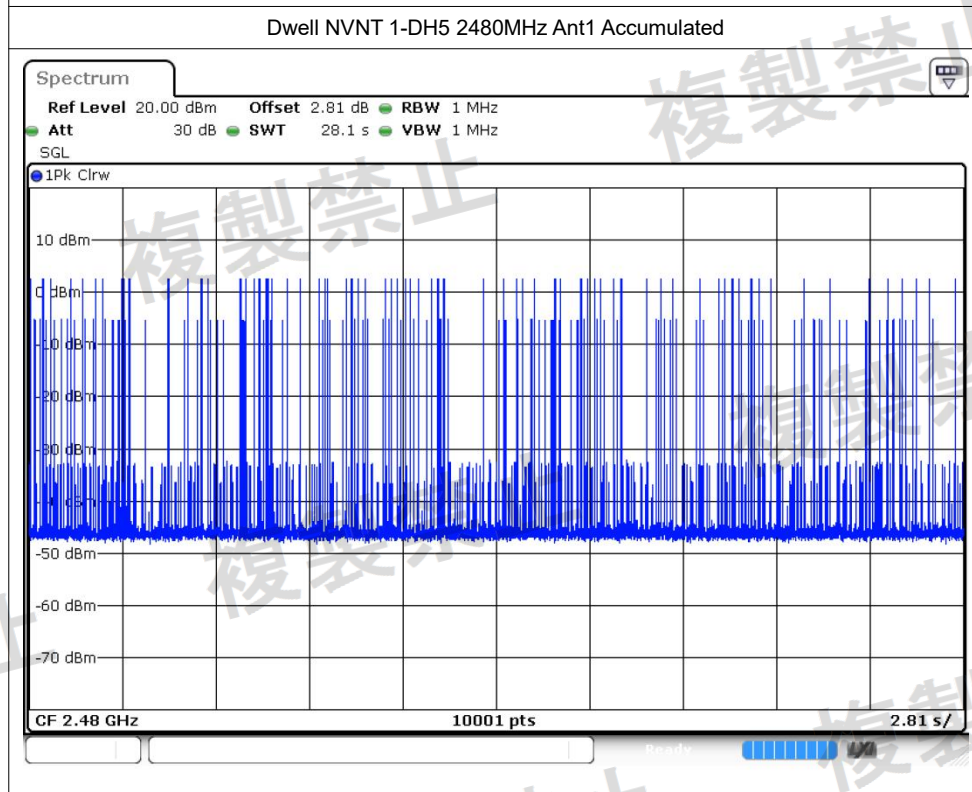
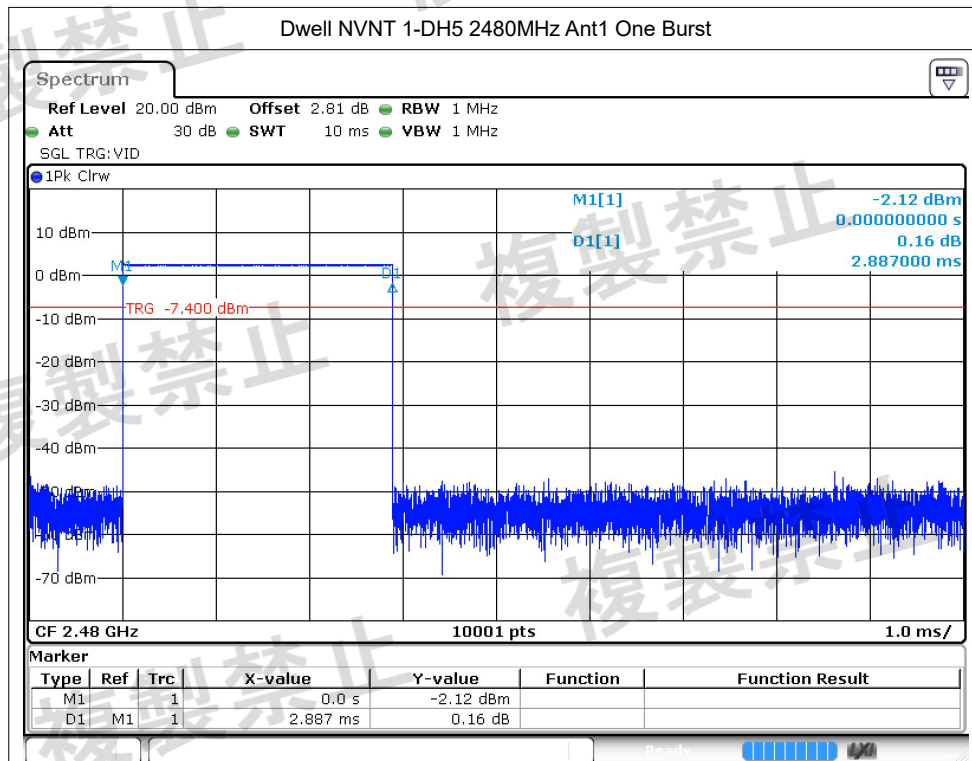


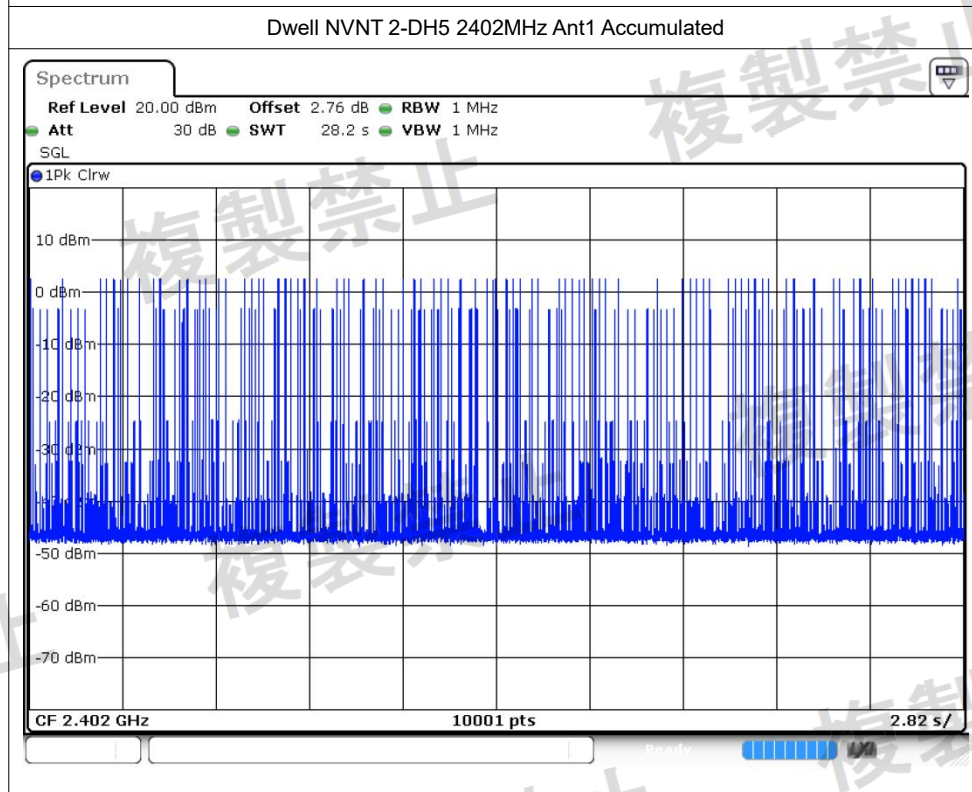
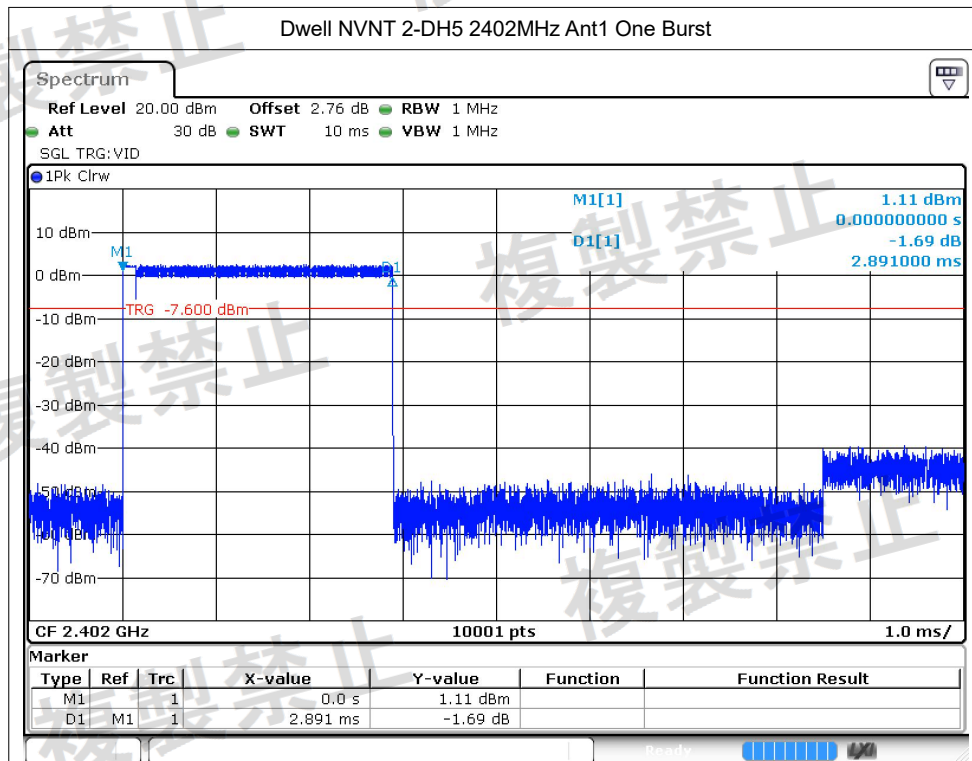
Dwell Time

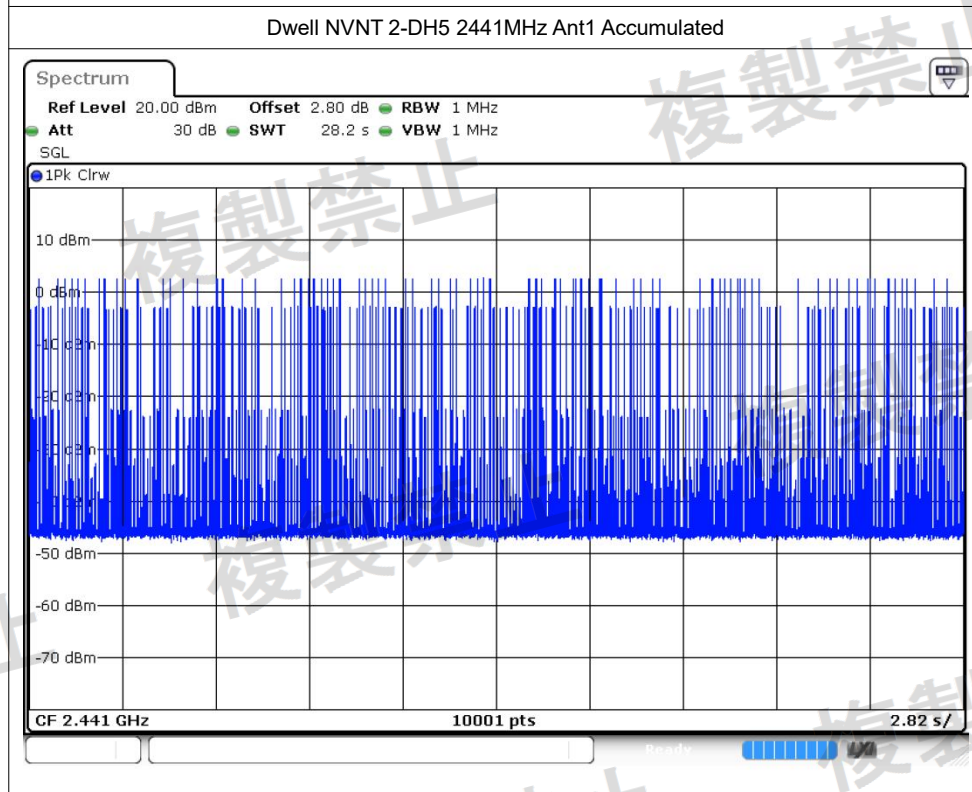
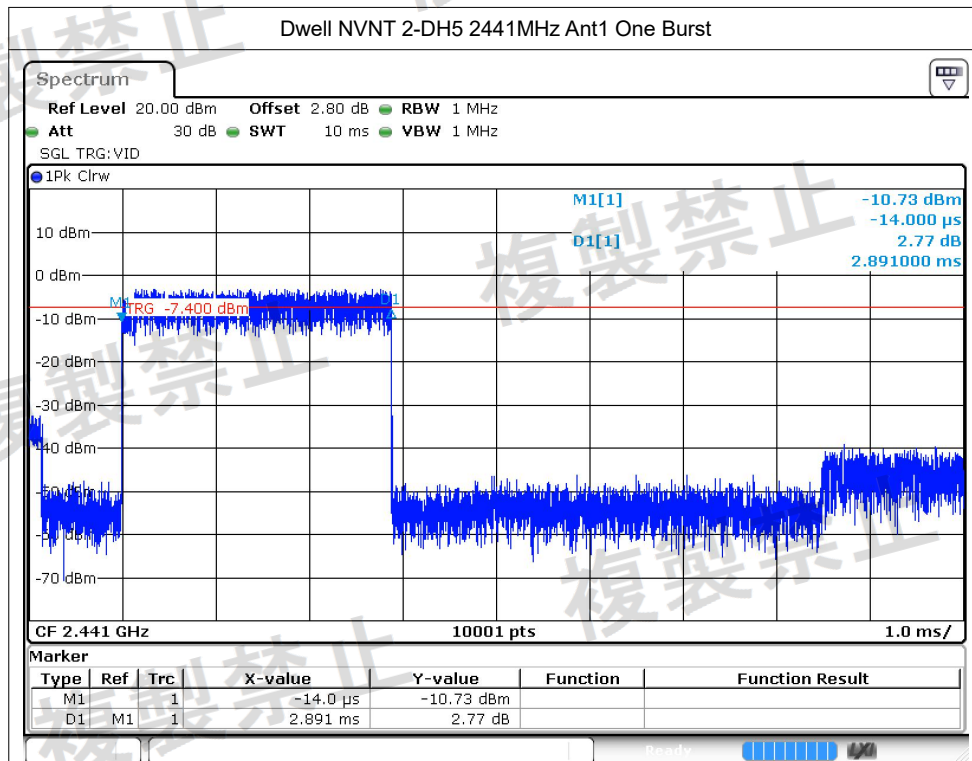
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (s)	Burst Count	Period Time (ms)	Limit (s)	Verdict
NVNT	1-DH5	2402	Ant1	2.887	0.31757	110	28148	0.4	Pass
NVNT	1-DH5	2441	Ant1	2.886	0.23088	80	28148	0.4	Pass
NVNT	1-DH5	2480	Ant1	2.887	0.233847	81	28148	0.4	Pass
NVNT	2-DH5	2402	Ant1	2.891	0.294882	102	28243.6	0.4	Pass
NVNT	2-DH5	2441	Ant1	2.891	0.300664	104	28243.6	0.4	Pass
NVNT	2-DH5	2480	Ant1	2.891	0.265972	92	28243.6	0.4	Pass
NVNT	3-DH5	2402	Ant1	2.893	0.332695	115	28291.6	0.4	Pass
NVNT	3-DH5	2441	Ant1	2.893	0.297979	103	28291.6	0.4	Pass
NVNT	3-DH5	2480	Ant1	2.893	0.303765	105	28291.6	0.4	Pass

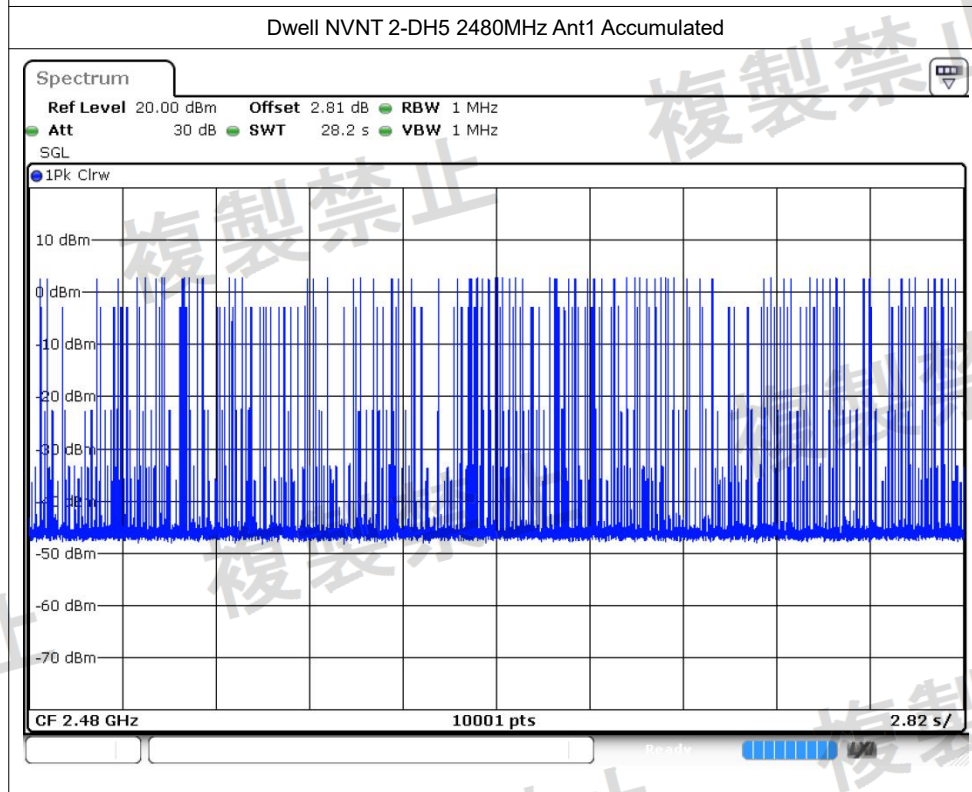
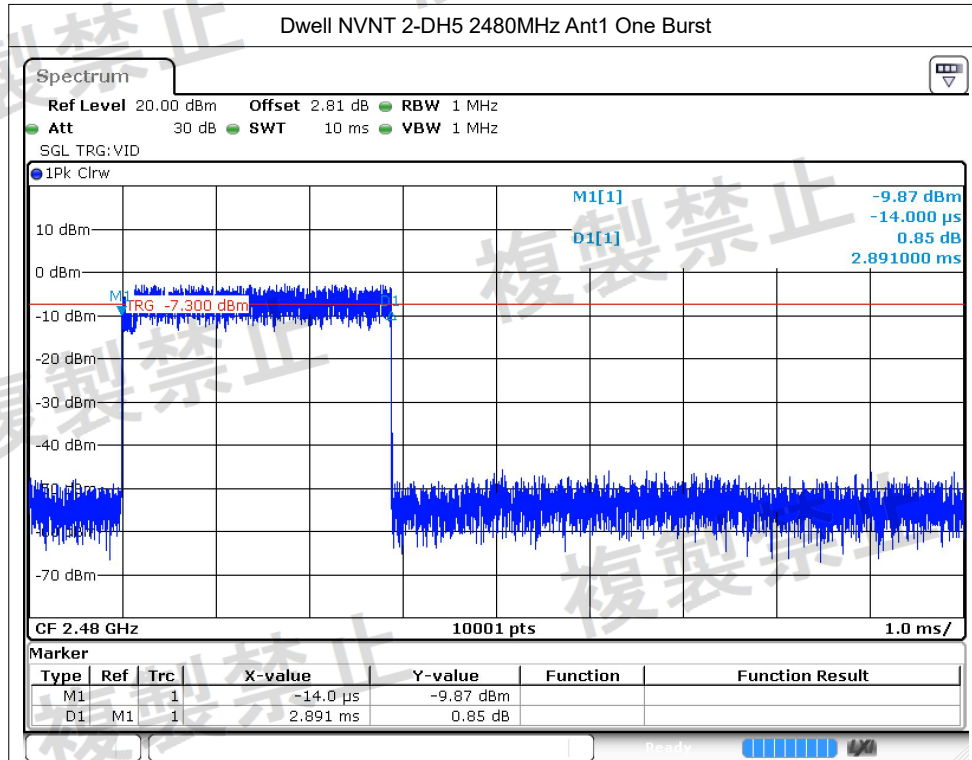


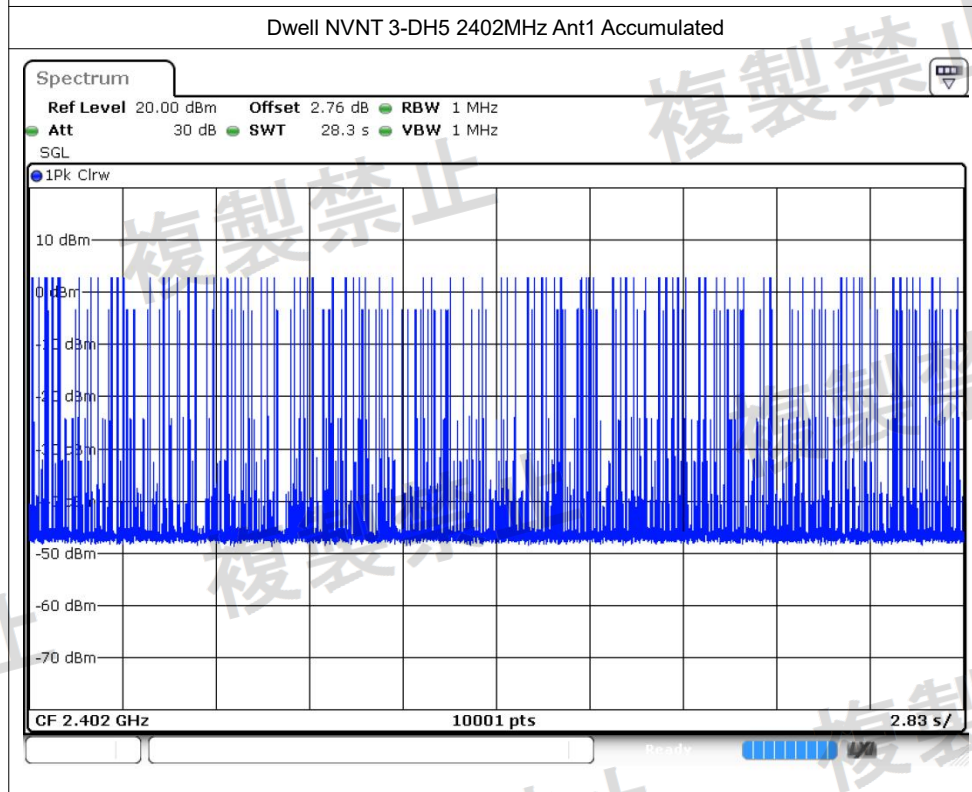
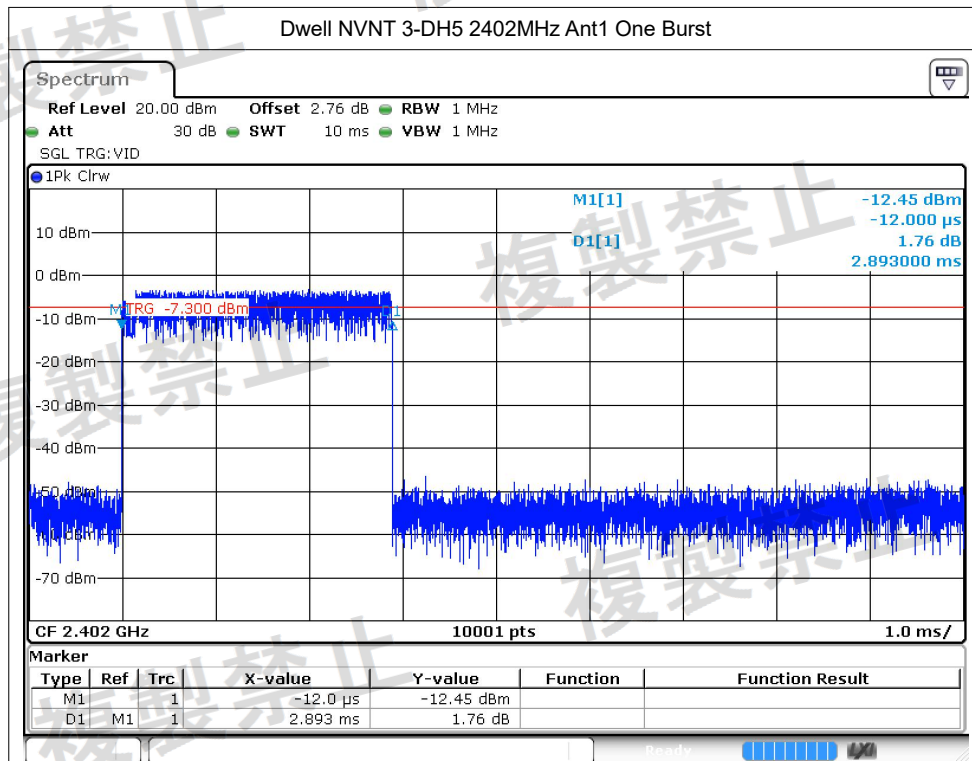


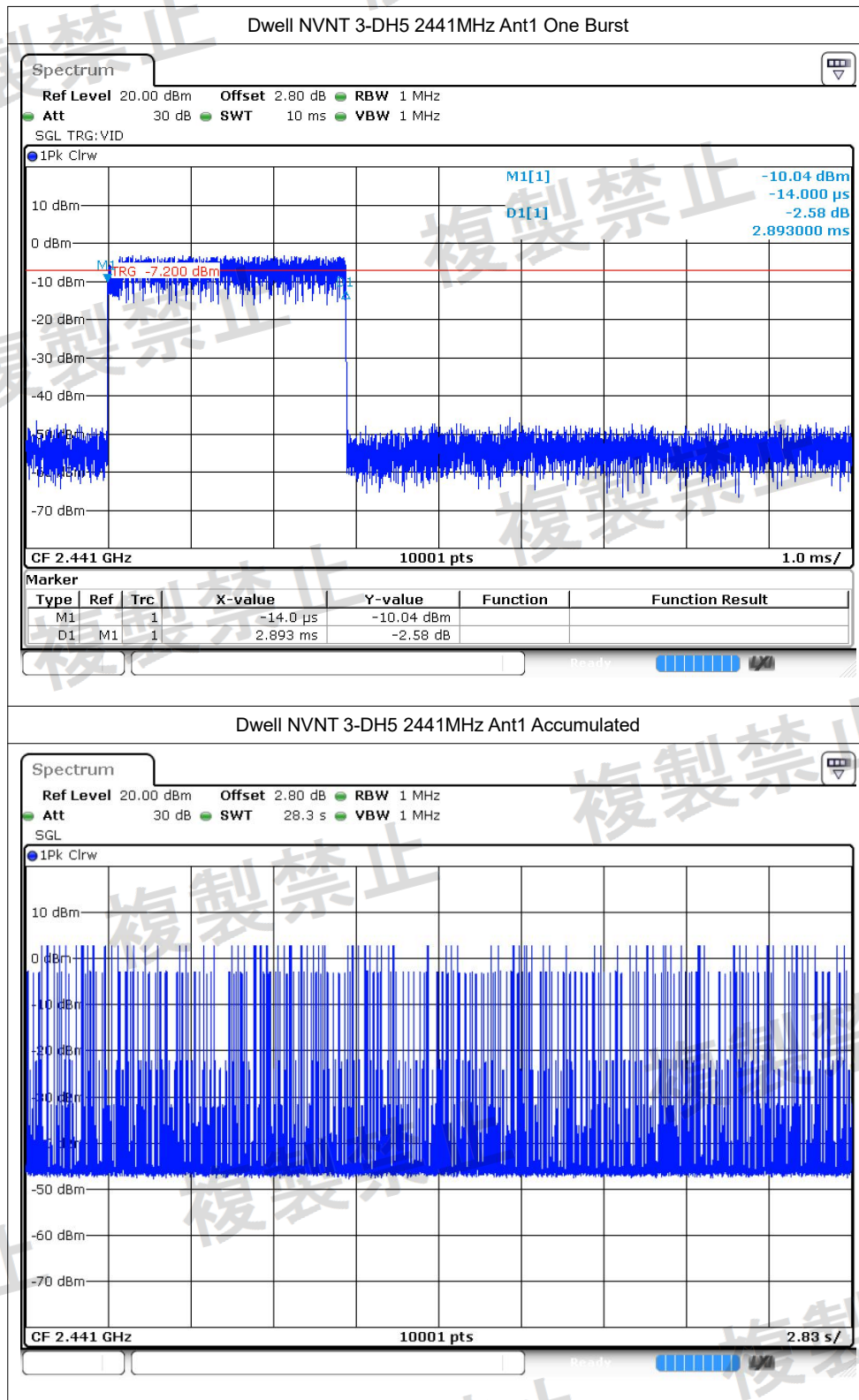


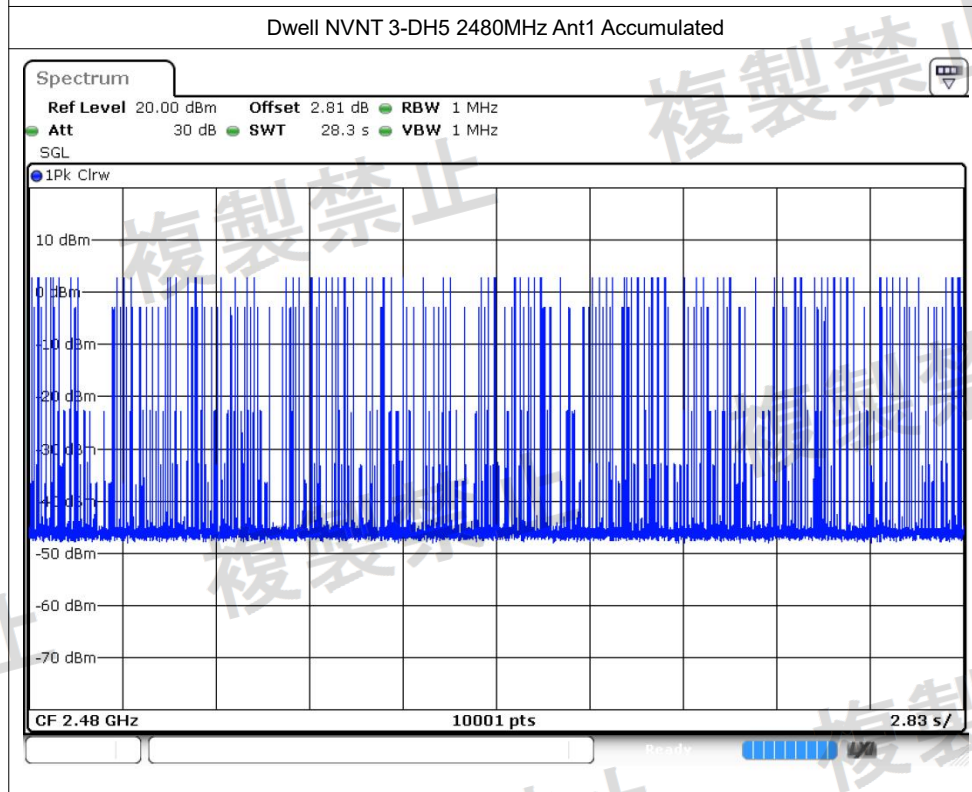
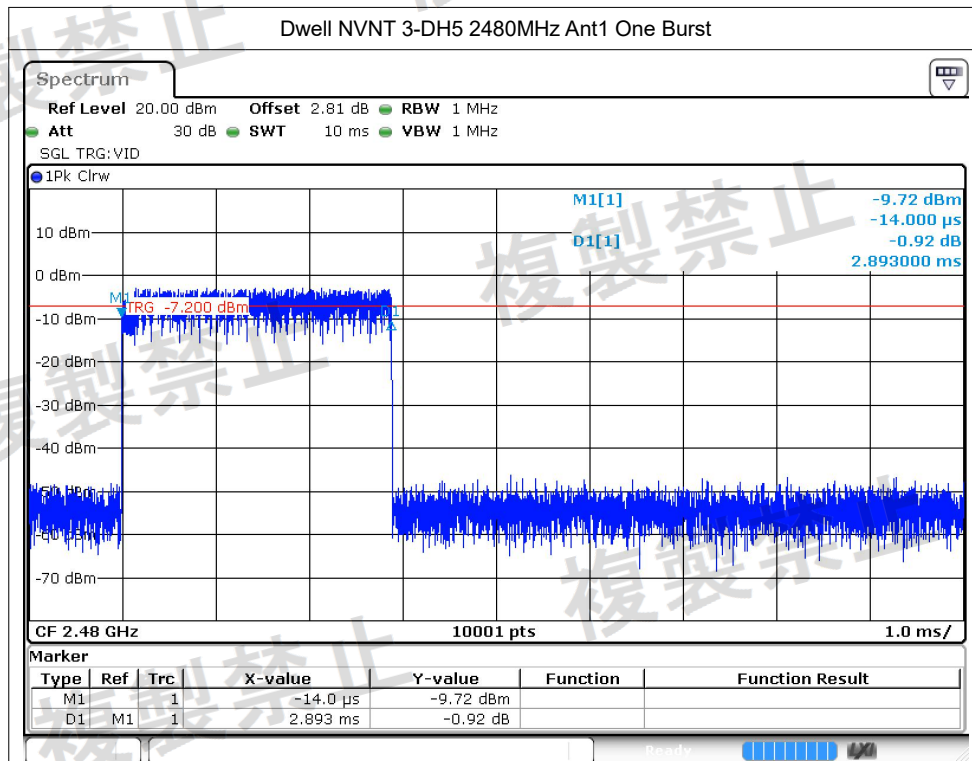






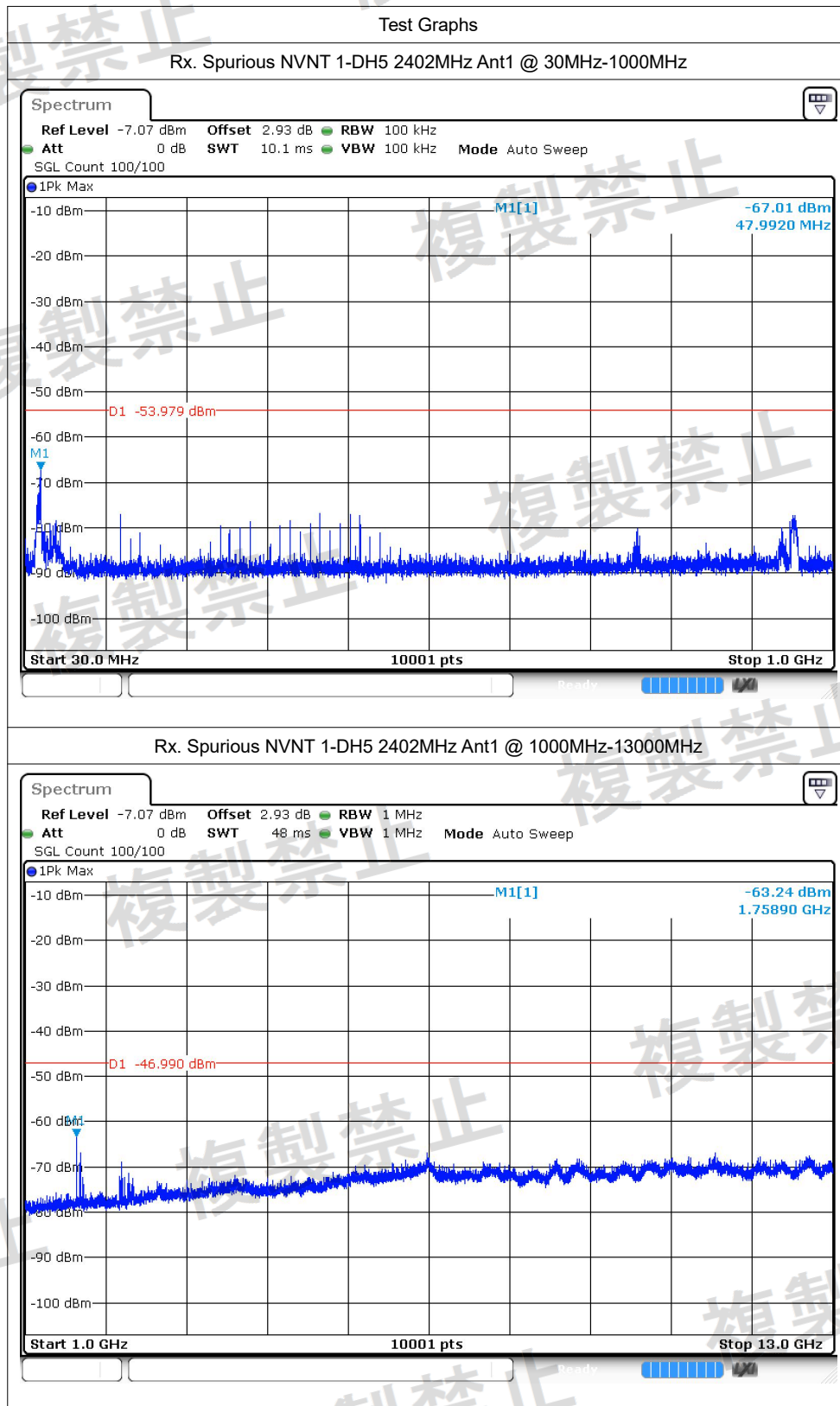


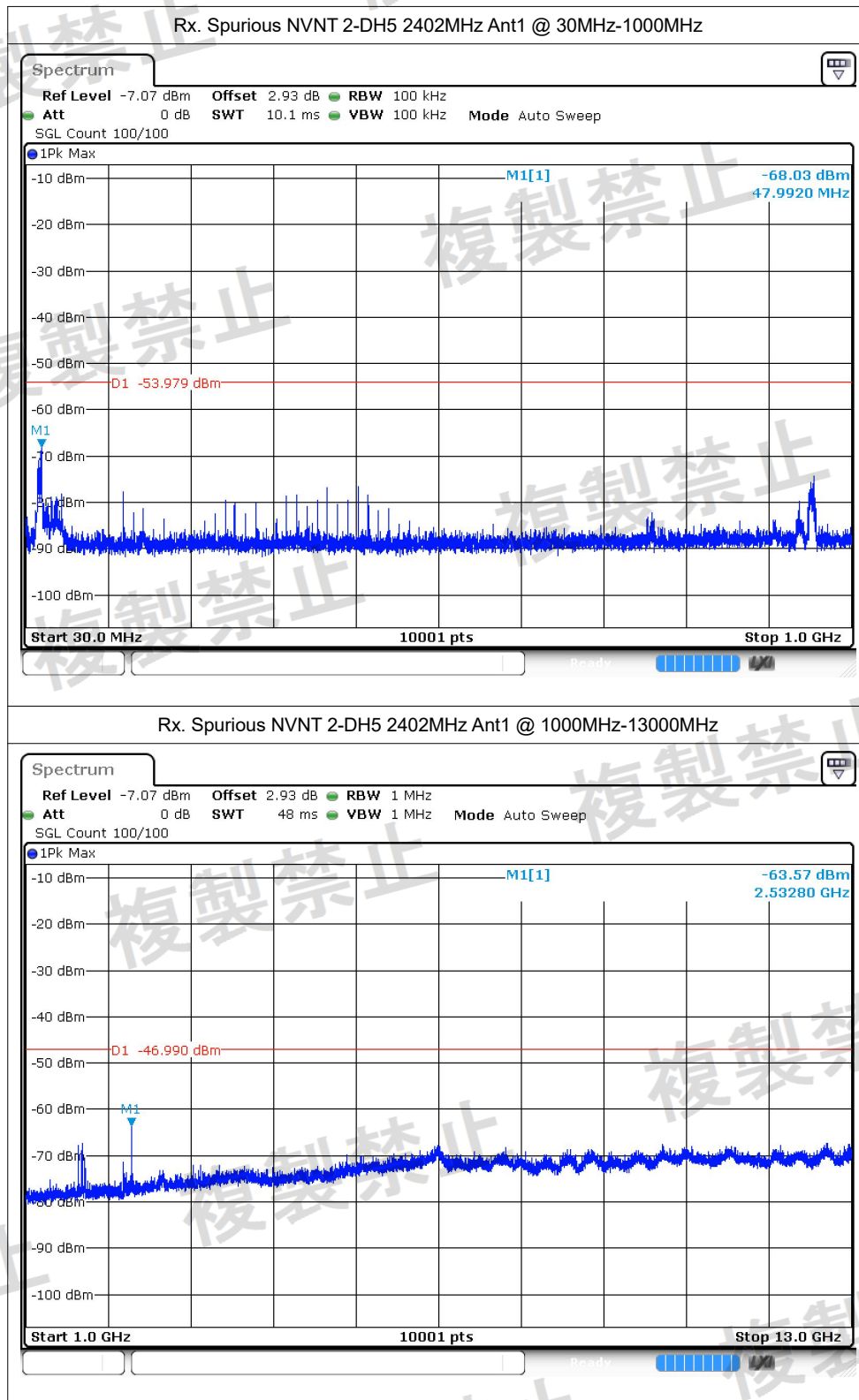


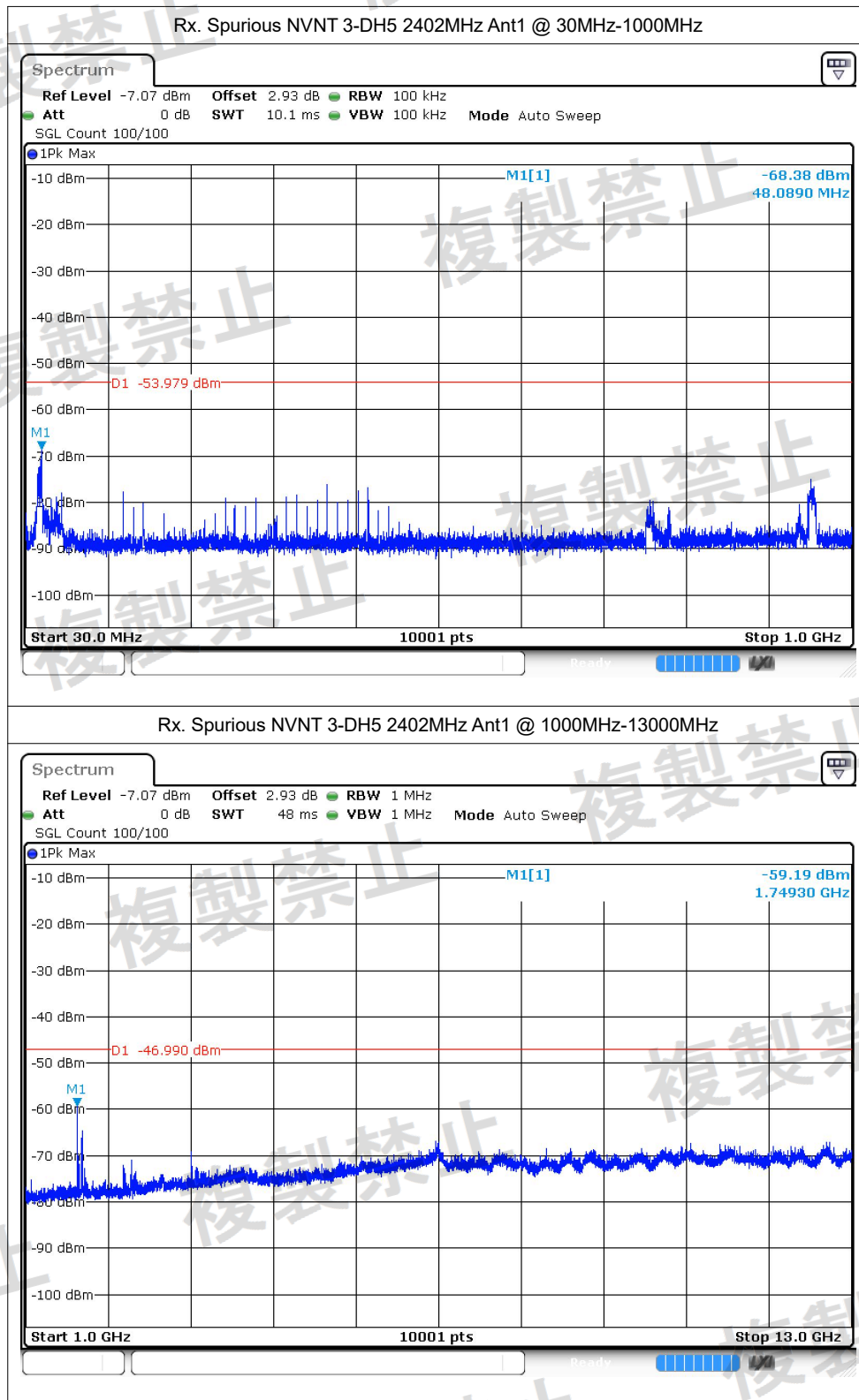


Rx Spurious Emission

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	47.99	-67.01	NA	0.1991	NA	4	Pass
NVNT	1-DH5	2402	Ant1	1000-13000	1758.90	-63.24	NA	0.4742	NA	20	Pass
NVNT	2-DH5	2402	Ant1	30-1000	47.99	-68.03	NA	0.1574	NA	4	Pass
NVNT	2-DH5	2402	Ant1	1000-13000	2532.80	-63.57	NA	0.4395	NA	20	Pass
NVNT	3-DH5	2402	Ant1	30-1000	48.09	-68.38	NA	0.1452	NA	4	Pass
NVNT	3-DH5	2402	Ant1	1000-13000	1749.30	-59.19	NA	1.205	NA	20	Pass







-END-