

Appendix: 2.4G Wi-Fi

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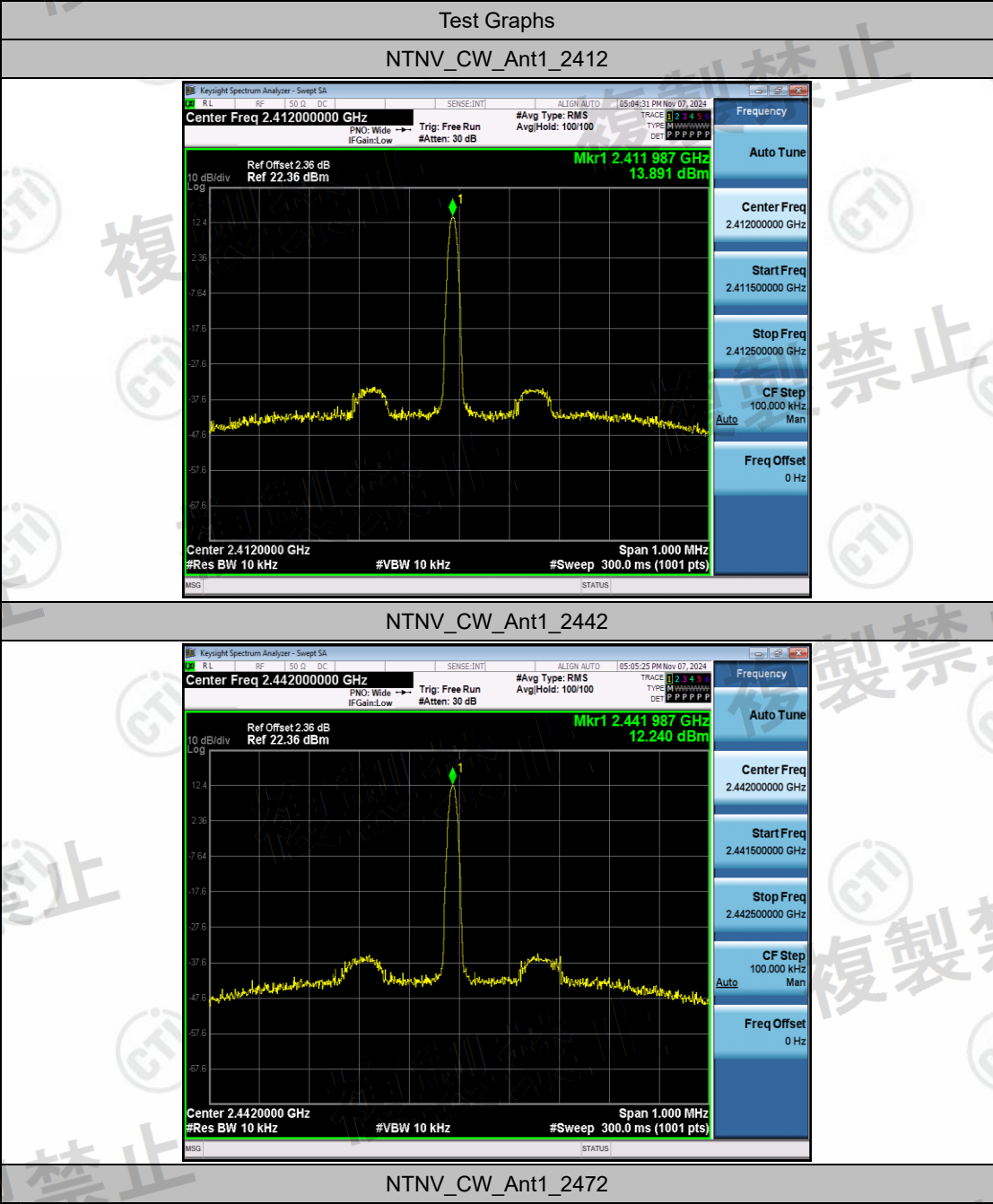
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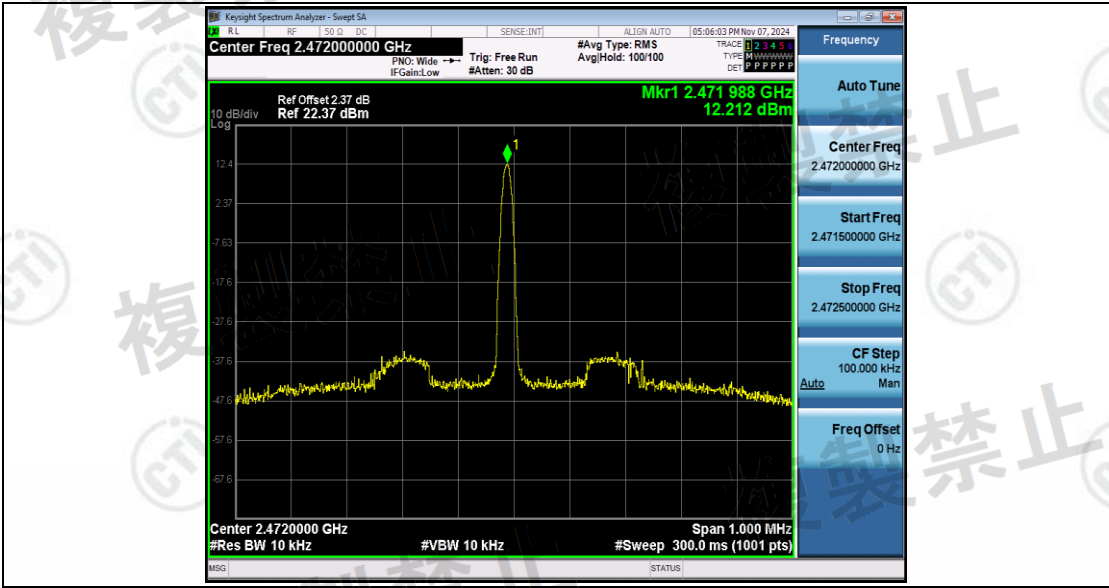
Spurious Emission of TX.....14

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Frequency Error

Condition	Mode	Antenna	Frequency[M Hz]	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2412	2411.987	-5.38972	±50	PASS
			2442	2441.987	-5.32351	±50	PASS
			2472	2471.988	-4.85437	±50	PASS





Antenna Power

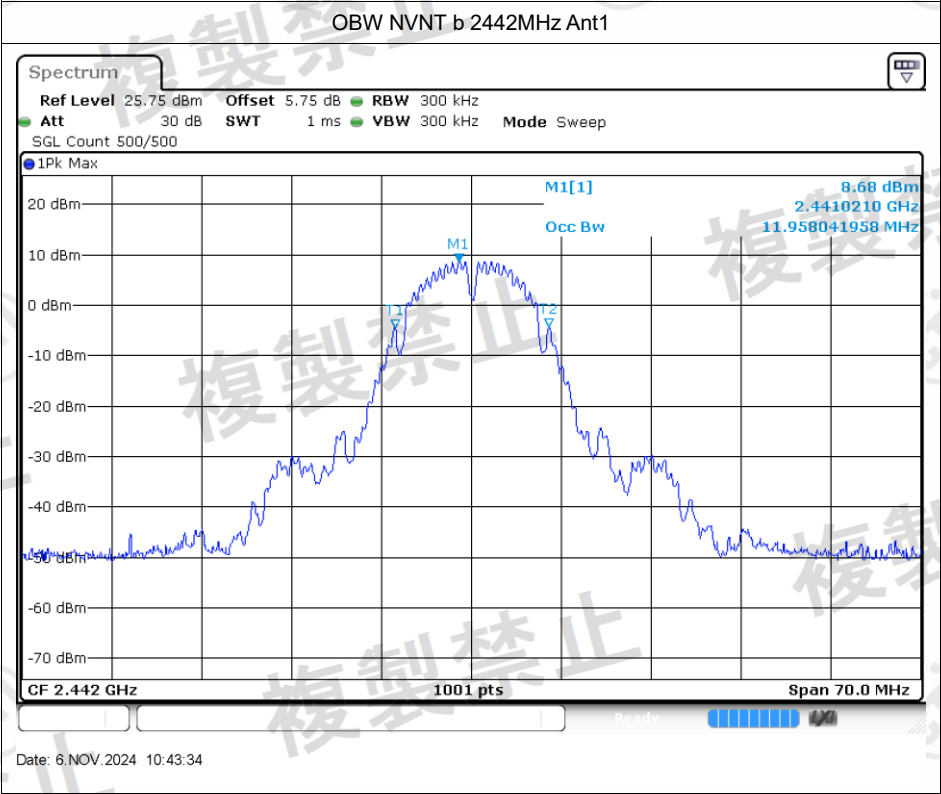
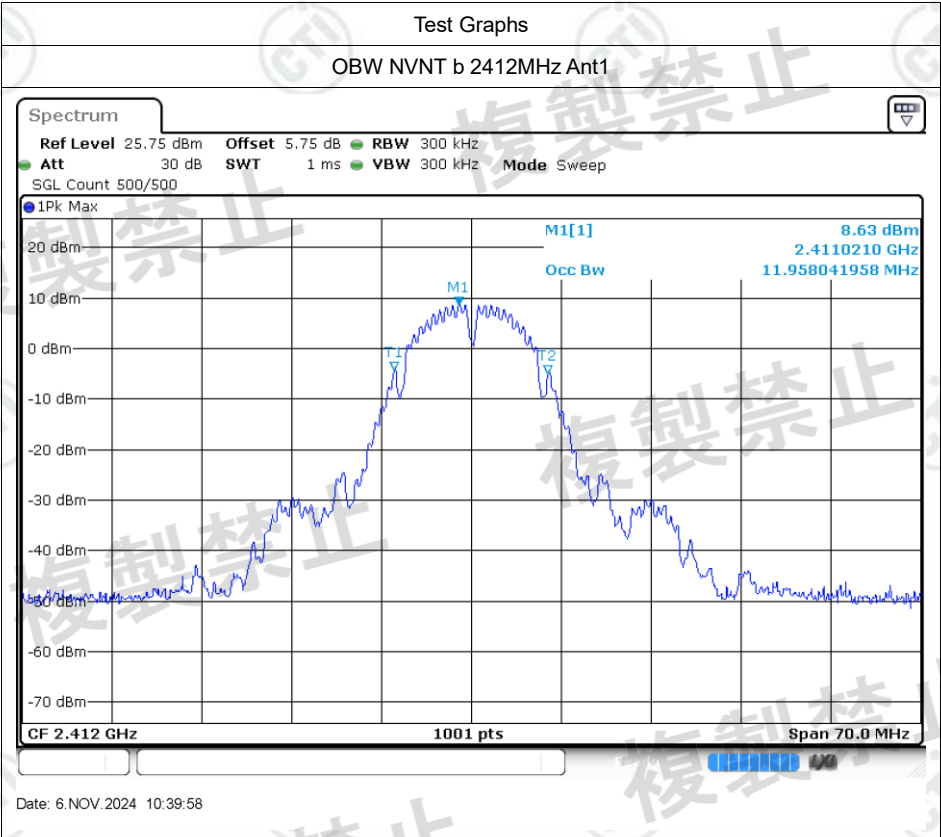
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Antenna Power (mW/MHz)	Limit (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdict
NVNT	b	2412	Ant1	4.12	2.58	10	2.5	3.2	+20	N/A	Pass
NVNT	b	2442	Ant1	4.31	2.7	10	2.5	8	+20	N/A	Pass
NVNT	b	2472	Ant1	3.7	2.34	10	2.5	-6.4	+20	N/A	Pass
NVNT	g	2412	Ant1	1.2	1.32	10	1.5	-12	+20	N/A	Pass
NVNT	g	2442	Ant1	1.89	1.54	10	1.5	2.67	+20	N/A	Pass
NVNT	g	2472	Ant1	0.78	1.2	10	1.5	-20	+20	N/A	Pass
NVNT	n20	2412	Ant1	-0.19	0.96	10	1	-4	+20	N/A	Pass
NVNT	n20	2442	Ant1	0.25	1.06	10	1	6	+20	N/A	Pass
NVNT	n20	2472	Ant1	-0.66	0.86	10	1	-14	+20	N/A	Pass

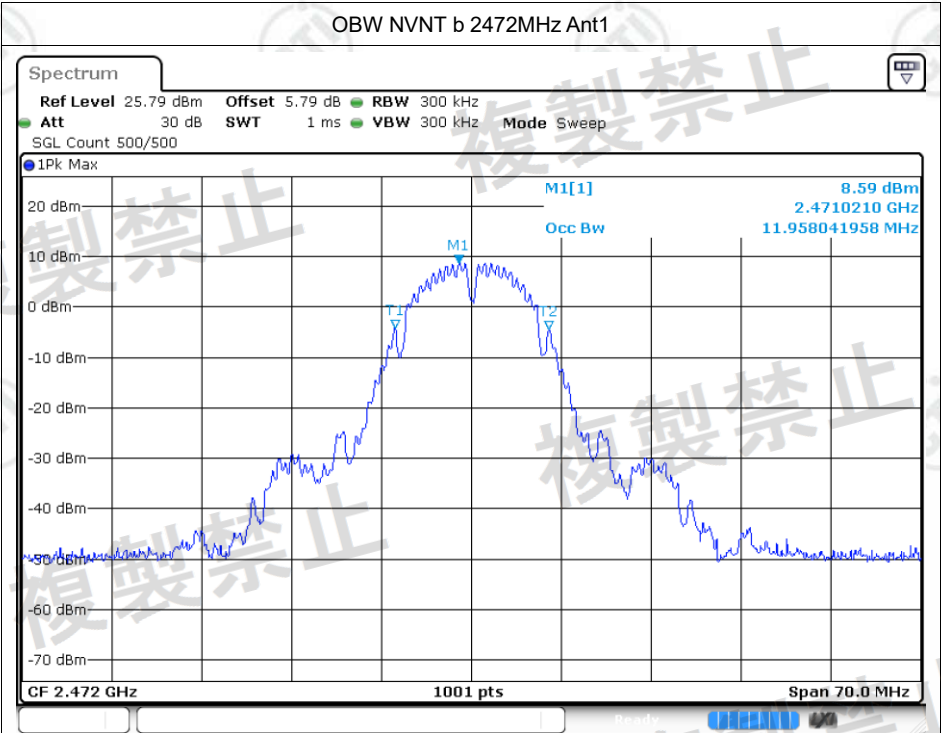
EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	4.12	2.88	7.00	12.14	Pass
NVNT	b	2442	Ant1	4.31	2.88	7.19	12.14	Pass
NVNT	b	2472	Ant1	3.69	2.88	6.58	12.14	Pass
NVNT	g	2412	Ant1	1.21	2.88	4.08	12.14	Pass
NVNT	g	2442	Ant1	1.88	2.88	4.77	12.14	Pass
NVNT	g	2472	Ant1	0.79	2.88	3.65	12.14	Pass
NVNT	n20	2412	Ant1	-0.18	2.88	2.70	12.14	Pass
NVNT	n20	2442	Ant1	0.25	2.88	3.12	12.14	Pass
NVNT	n20	2472	Ant1	-0.66	2.88	2.23	12.14	Pass

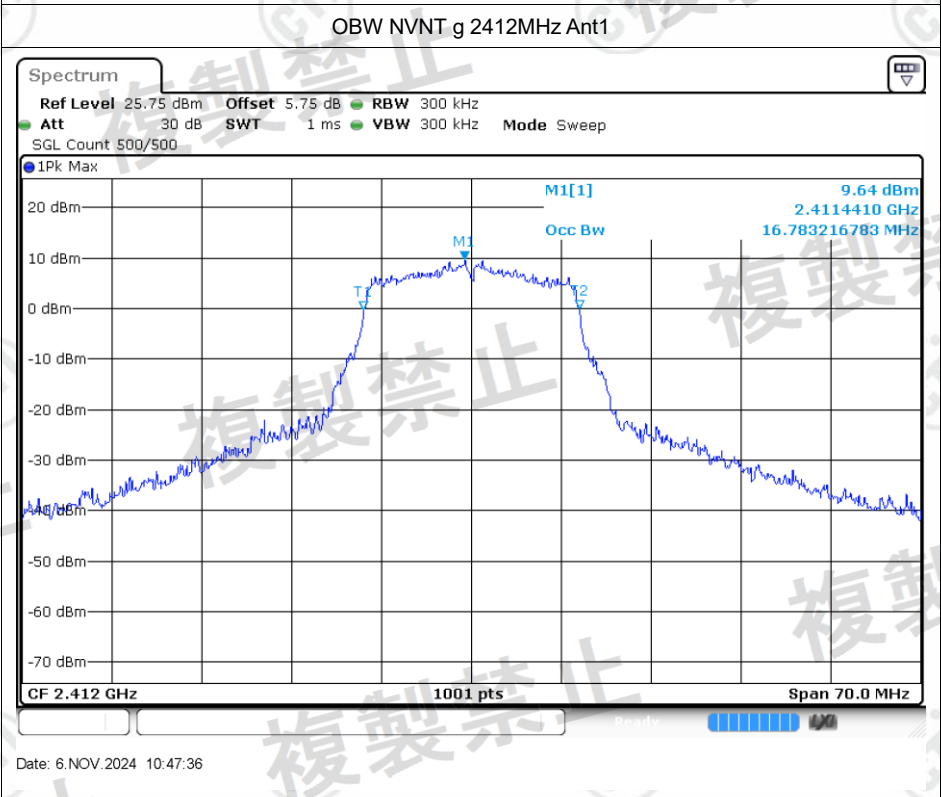
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Limit (MHz)	Verdict
NVNT	b	2412	Ant1	11.958	26	Pass
NVNT	b	2442	Ant1	11.958	26	Pass
NVNT	b	2472	Ant1	11.958	26	Pass
NVNT	g	2412	Ant1	16.783	26	Pass
NVNT	g	2442	Ant1	16.503	26	Pass
NVNT	g	2472	Ant1	16.783	26	Pass
NVNT	n20	2412	Ant1	17.832	26	Pass
NVNT	n20	2442	Ant1	17.692	26	Pass
NVNT	n20	2472	Ant1	17.832	26	Pass

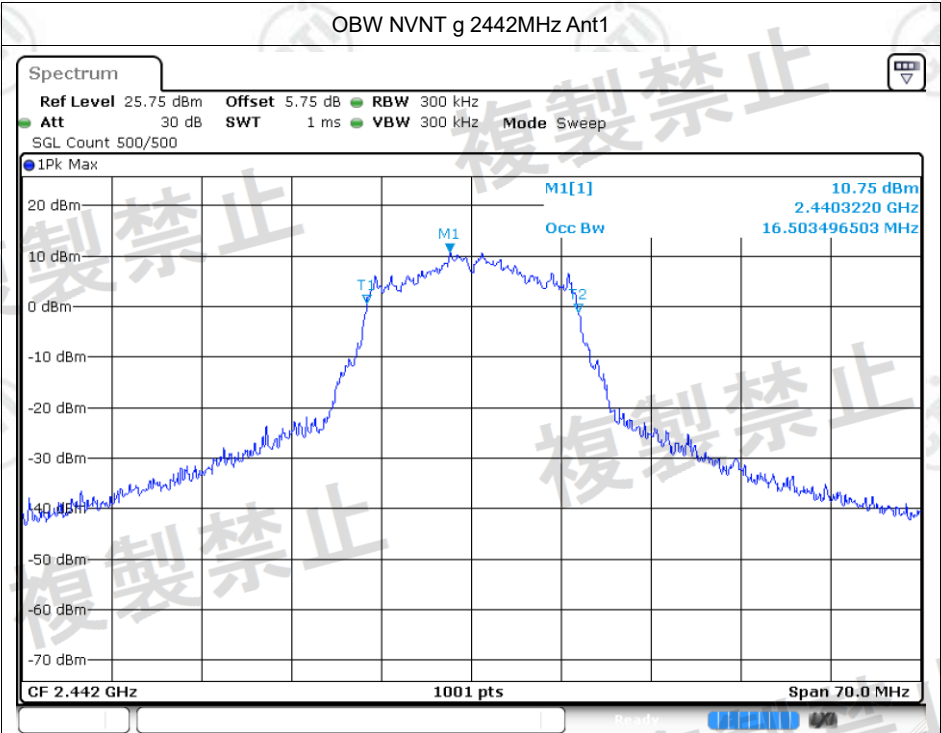




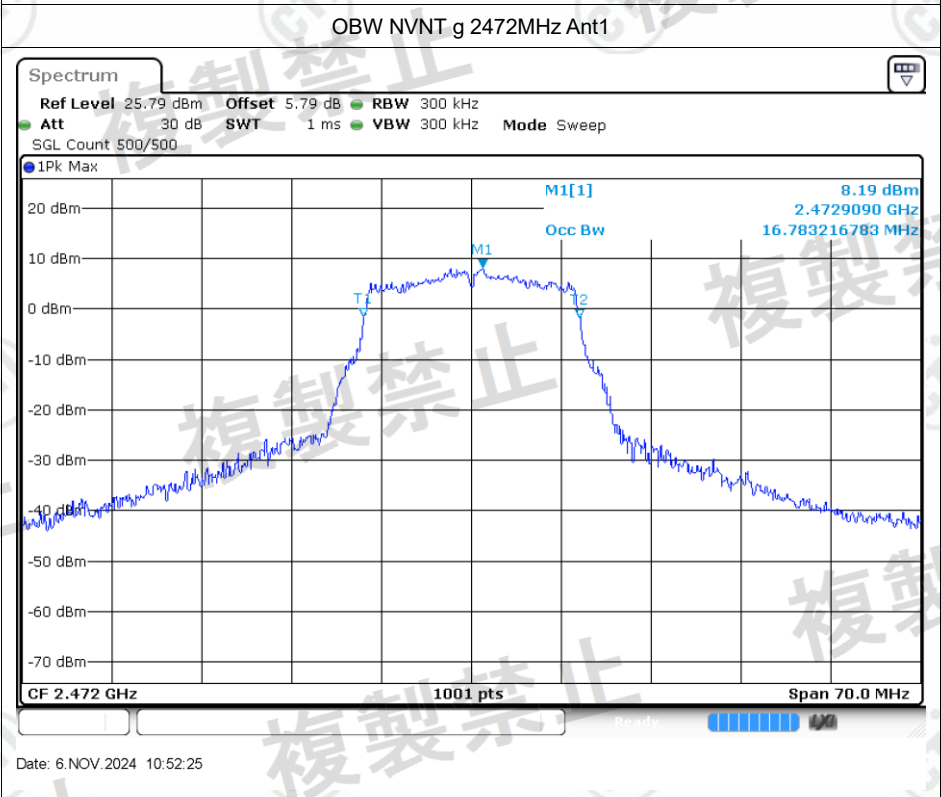
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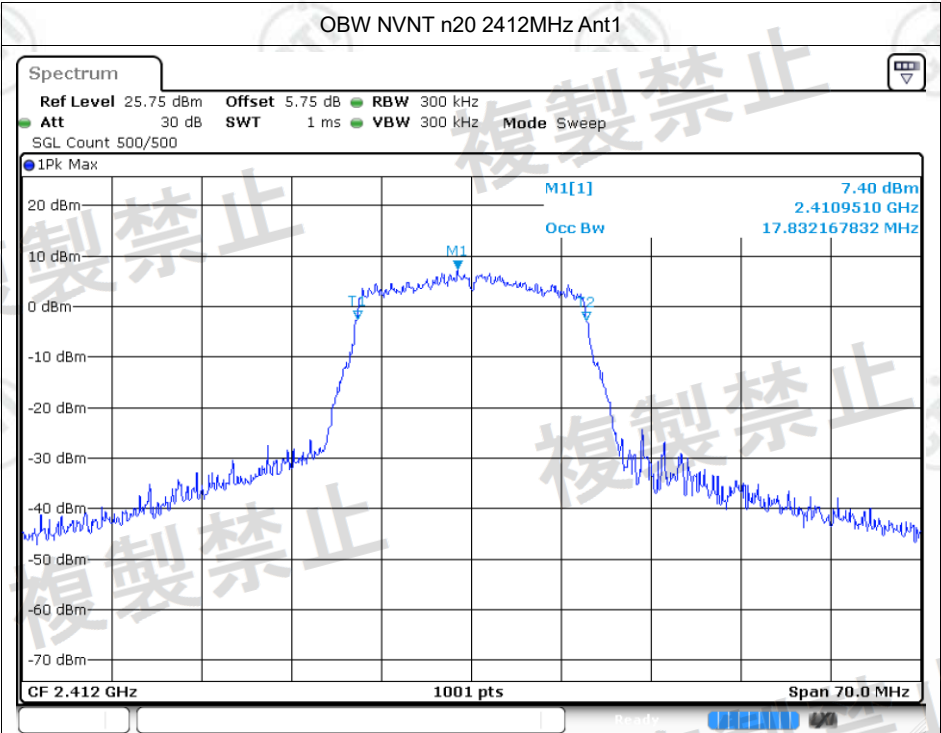
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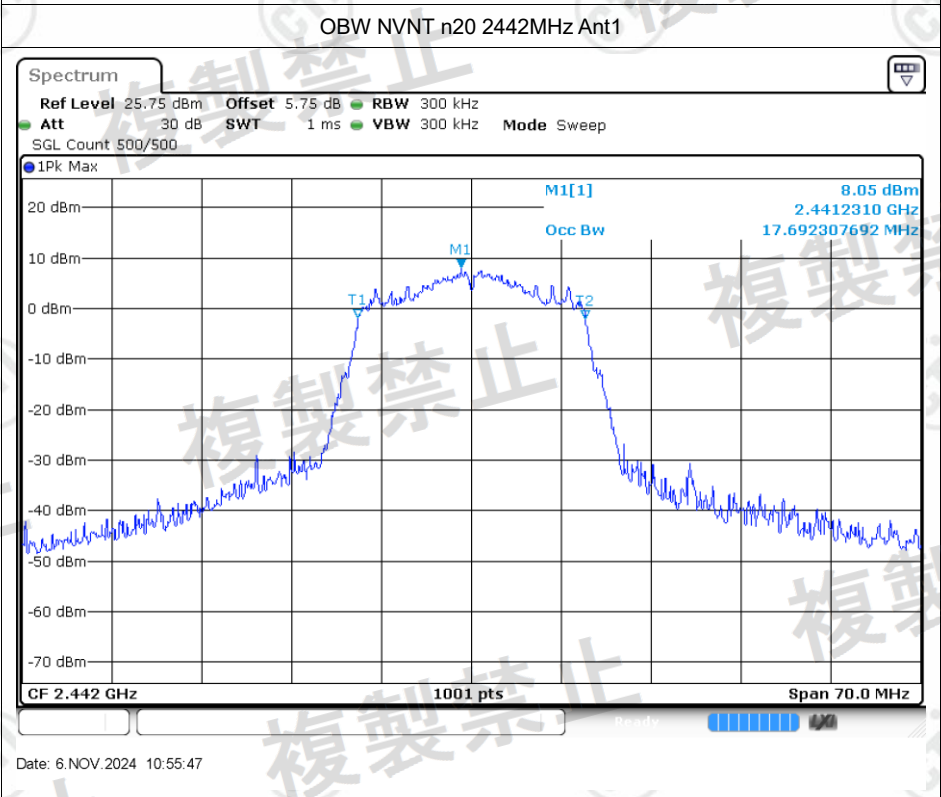
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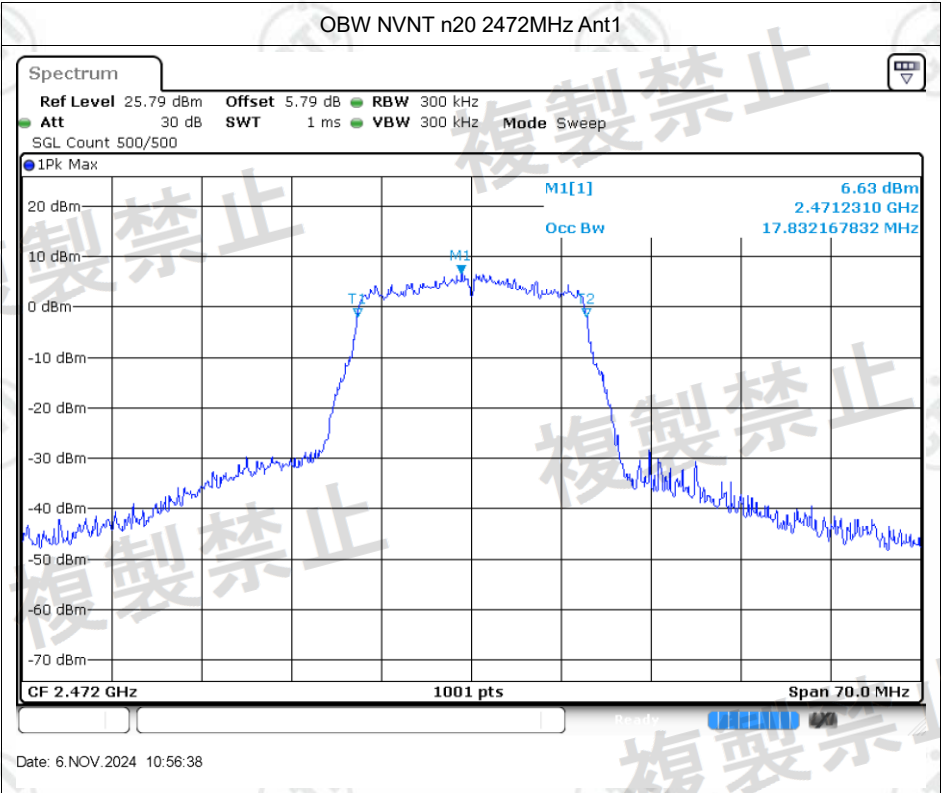
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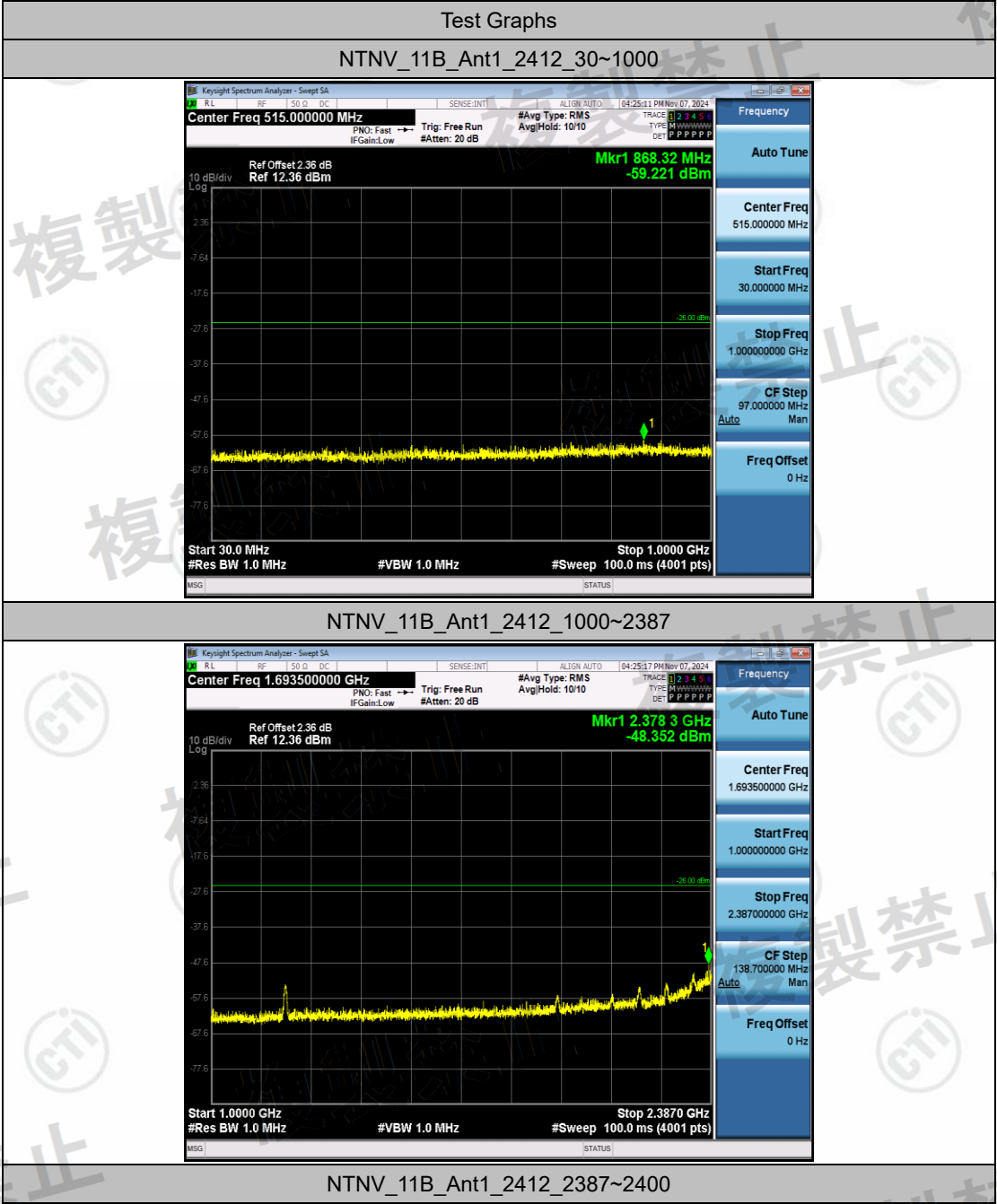
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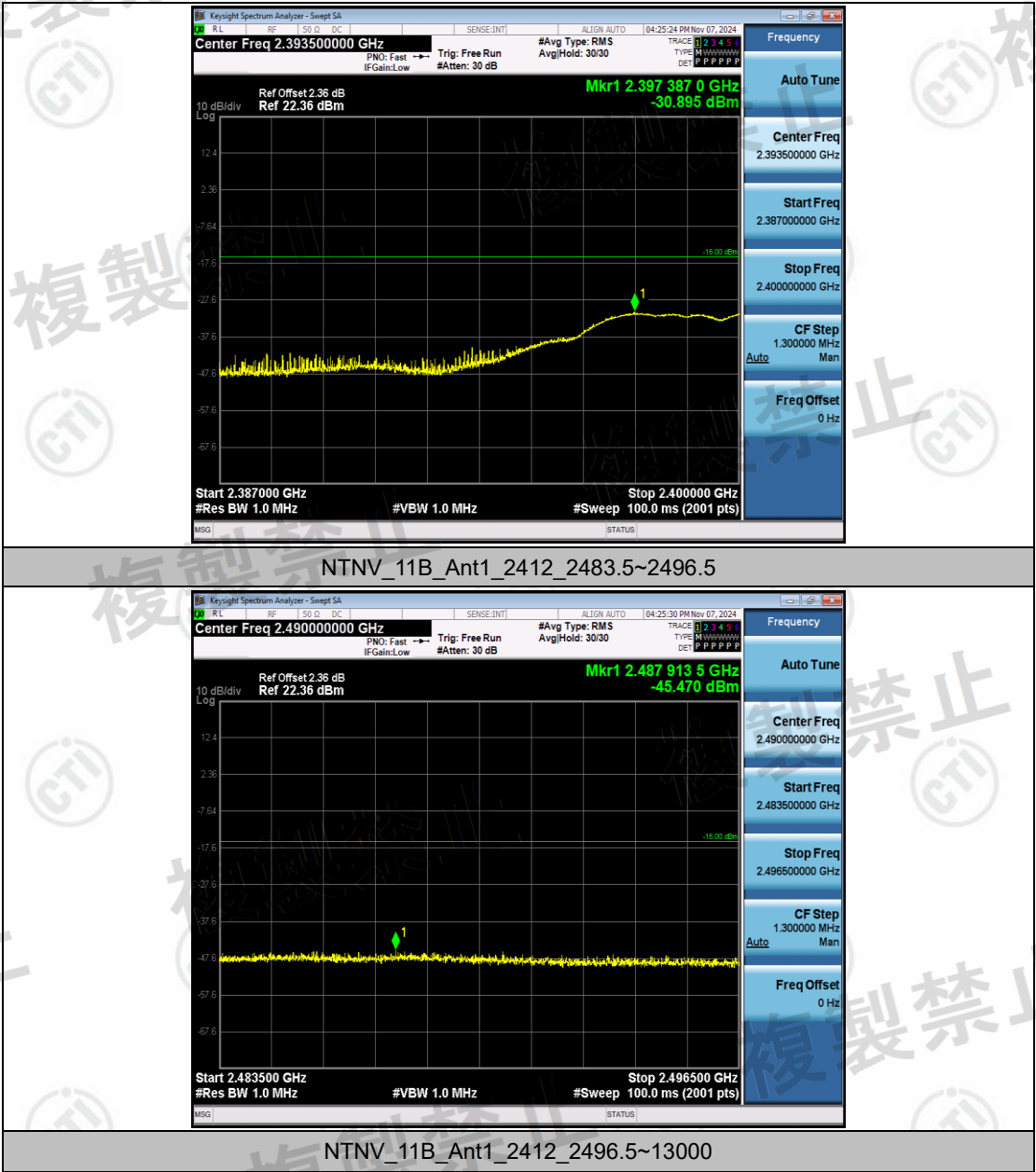


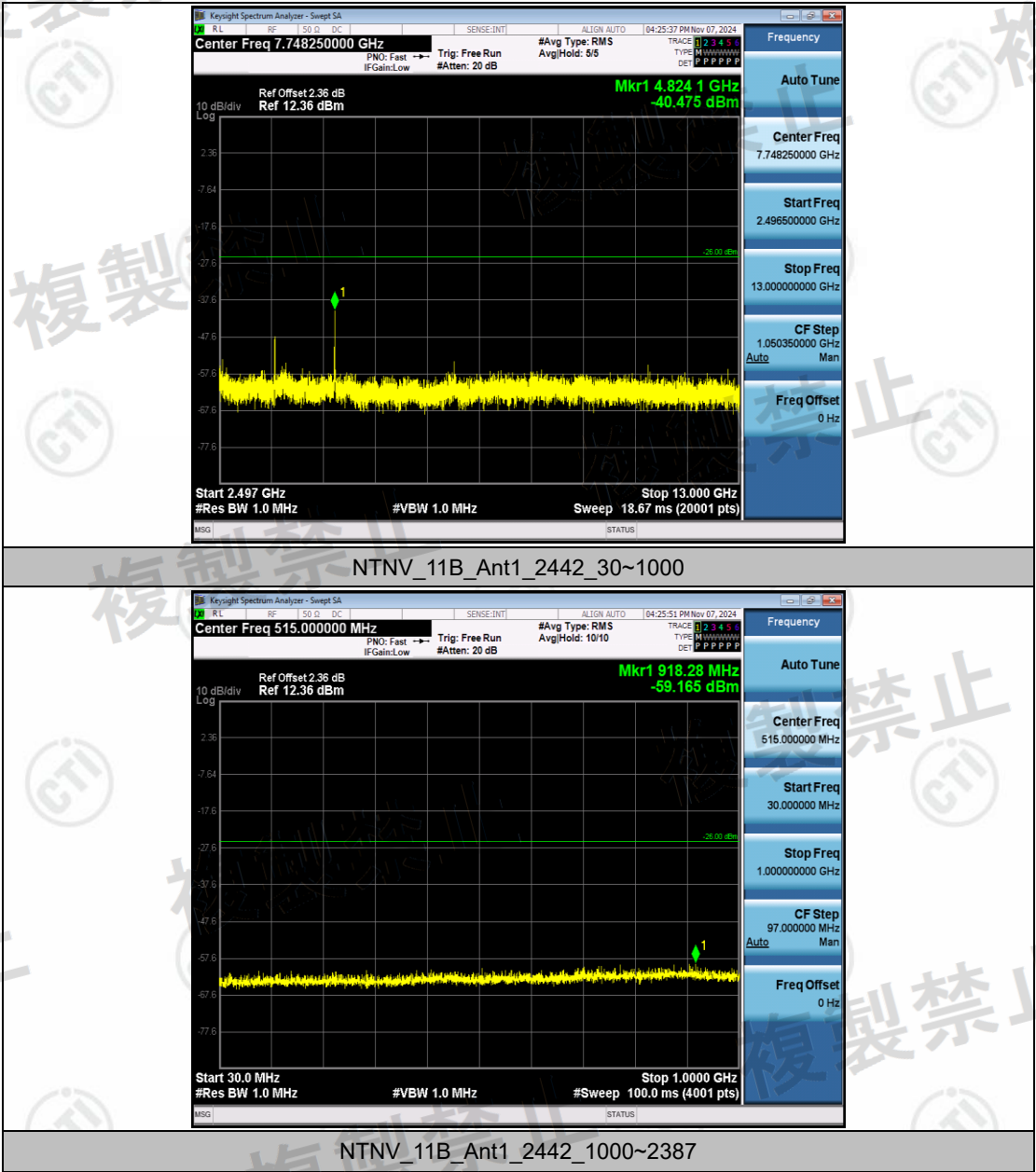
Spurious Emission of TX

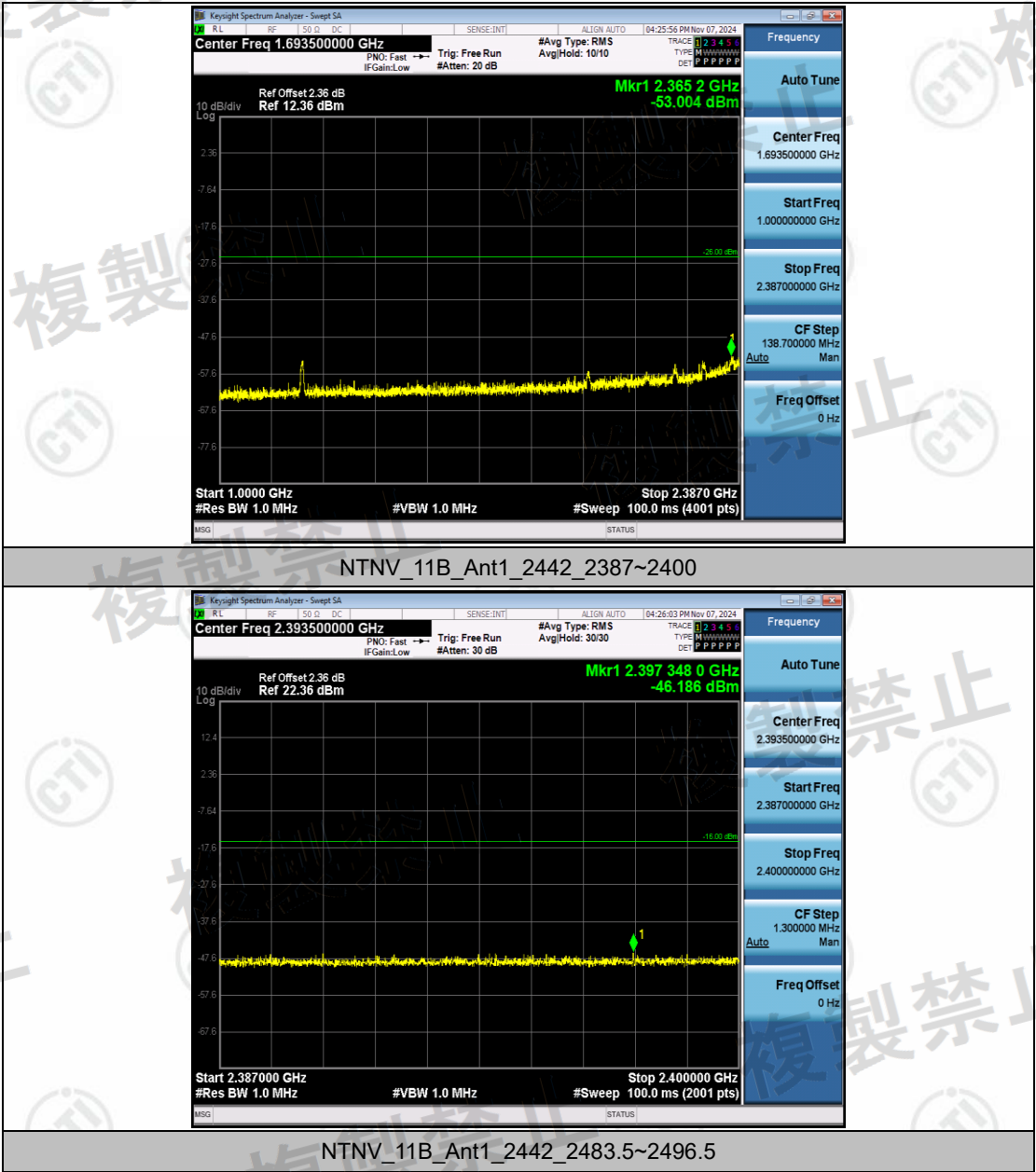
TestCondition	TestMode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Freq [MHz]	Result [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	11B	Ant1	2412	30~1000	868.32	-59.22	0.00120	≤ 2.5	PASS
NTNV	11B	Ant1	2412	1000~2387	2378.33	-48.35	0.01462	≤ 2.5	PASS
NTNV	11B	Ant1	2412	2387~2400	2397.39	-30.90	0.81283	≤ 25	PASS
NTNV	11B	Ant1	2412	2483.5~2496.5	2487.91	-45.47	0.02838	≤ 25	PASS
NTNV	11B	Ant1	2412	2496.5~13000	4824.08	-40.48	0.08954	≤ 2.5	PASS
NTNV	11B	Ant1	2442	30~1000	918.28	-59.17	0.00121	≤ 2.5	PASS
NTNV	11B	Ant1	2442	1000~2387	2365.15	-53.00	0.00501	≤ 2.5	PASS
NTNV	11B	Ant1	2442	2387~2400	2397.35	-46.19	0.02404	≤ 25	PASS
NTNV	11B	Ant1	2442	2483.5~2496.5	2493.87	-46.00	0.02512	≤ 25	PASS
NTNV	11B	Ant1	2442	2496.5~13000	4884.47	-43.14	0.04853	≤ 2.5	PASS
NTNV	11B	Ant1	2472	30~1000	959.02	-59.53	0.00111	≤ 2.5	PASS
NTNV	11B	Ant1	2472	1000~2387	2321.12	-53.98	0.00400	≤ 2.5	PASS
NTNV	11B	Ant1	2472	2387~2400	2395.74	-45.91	0.02564	≤ 25	PASS
NTNV	11B	Ant1	2472	2483.5~2496.5	2483.51	-30.63	0.86497	≤ 25	PASS
NTNV	11B	Ant1	2472	2496.5~13000	4944.34	-45.46	0.02844	≤ 2.5	PASS
NTNV	11G	Ant1	2412	30~1000	859.35	-59.91	0.00102	≤ 2.5	PASS
NTNV	11G	Ant1	2412	1000~2387	2383.53	-43.21	0.04775	≤ 2.5	PASS
NTNV	11G	Ant1	2412	2387~2400	2399.91	-27.64	1.72187	≤ 25	PASS
NTNV	11G	Ant1	2412	2483.5~2496.5	2488.21	-46.89	0.02046	≤ 25	PASS
NTNV	11G	Ant1	2412	2496.5~13000	4823.03	-52.15	0.00610	≤ 2.5	PASS
NTNV	11G	Ant1	2442	30~1000	811.58	-59.20	0.00120	≤ 2.5	PASS
NTNV	11G	Ant1	2442	1000~2387	2370.36	-56.62	0.00218	≤ 2.5	PASS
NTNV	11G	Ant1	2442	2387~2400	2396.34	-46.75	0.02113	≤ 25	PASS
NTNV	11G	Ant1	2442	2483.5~2496.5	2490.42	-46.50	0.02239	≤ 25	PASS
NTNV	11G	Ant1	2442	2496.5~13000	4880.27	-54.38	0.00365	≤ 2.5	PASS
NTNV	11G	Ant1	2472	30~1000	785.39	-59.51	0.00112	≤ 2.5	PASS
NTNV	11G	Ant1	2472	1000~2387	2336.37	-57.42	0.00181	≤ 2.5	PASS
NTNV	11G	Ant1	2472	2387~2400	2387.15	-47.25	0.01884	≤ 25	PASS
NTNV	11G	Ant1	2472	2483.5~2496.5	2483.50	-28.38	1.45211	≤ 25	PASS
NTNV	11G	Ant1	2472	2496.5~13000	2499.65	-49.72	0.01067	≤ 2.5	PASS
NTNV	11N20SI SO	Ant1	2412	30~1000	862.99	-58.95	0.00127	≤ 2.5	PASS
NTNV	11N20SI SO	Ant1	2412	1000~2387	2386.31	-42.50	0.05623	≤ 2.5	PASS
NTNV	11N20SI	Ant1	2412	2387~2400	2398.48	-28.97	1.26765	≤ 25	PASS

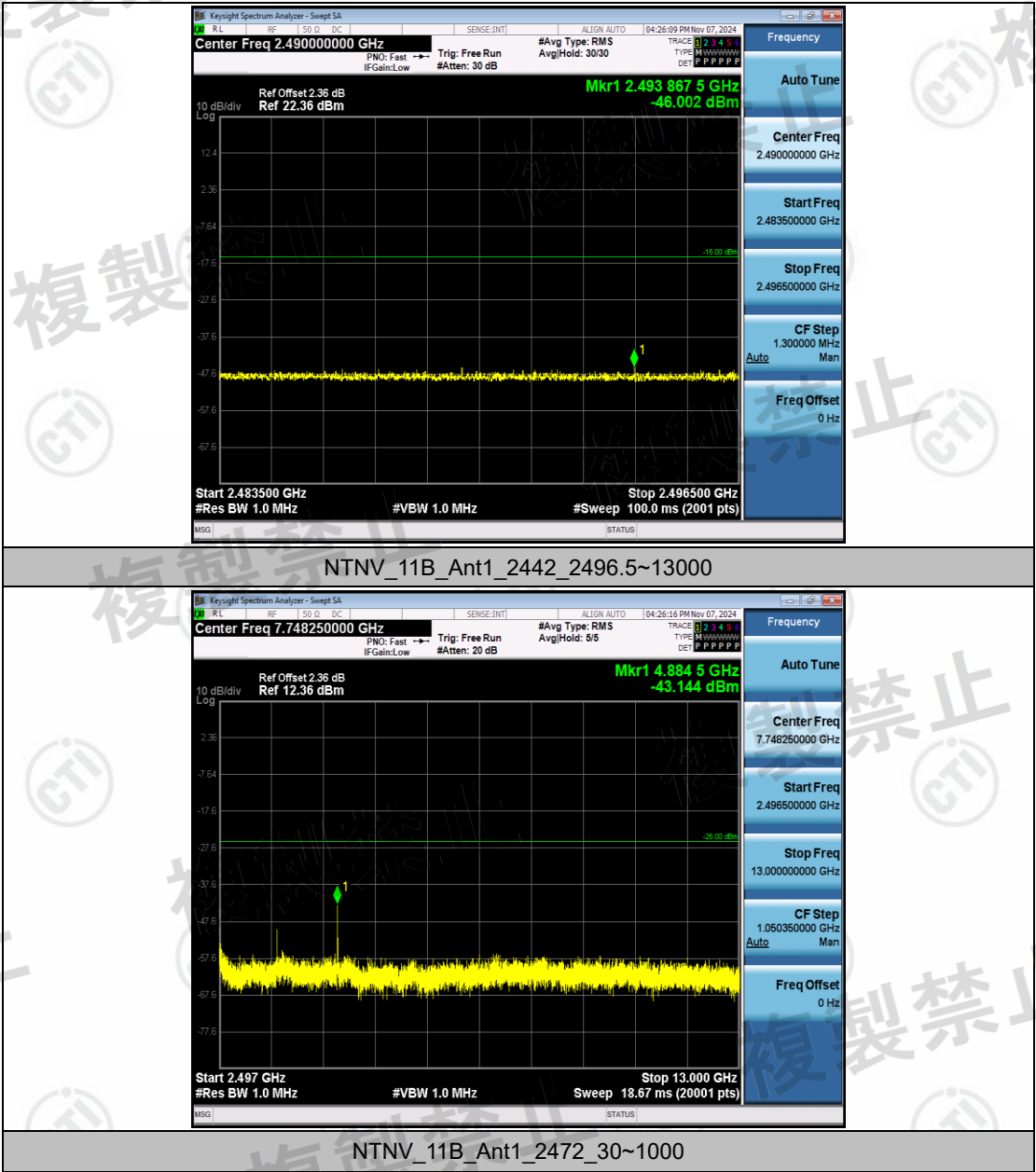
	SO								
NTNV	11N20SI SO	Ant1	2412	2483.5~2496.5	2494.29	-47.55	0.01758	≤25	PASS
NTNV	11N20SI SO	Ant1	2412	2496.5~13000	3839.37	-54.41	0.00362	≤2.5	PASS
NTNV	11N20SI SO	Ant1	2442	30~1000	952.47	-59.37	0.00116	≤2.5	PASS
NTNV	11N20SI SO	Ant1	2442	1000~2387	2329.44	-56.93	0.00203	≤2.5	PASS
NTNV	11N20SI SO	Ant1	2442	2387~2400	2388.09	-47.00	0.01995	≤25	PASS
NTNV	11N20SI SO	Ant1	2442	2483.5~2496.5	2487.57	-47.03	0.01982	≤25	PASS
NTNV	11N20SI SO	Ant1	2442	2496.5~13000	3753.77	-55.12	0.00308	≤2.5	PASS
NTNV	11N20SI SO	Ant1	2472	30~1000	960.72	-59.27	0.00118	≤2.5	PASS
NTNV	11N20SI SO	Ant1	2472	1000~2387	2329.44	-57.27	0.00187	≤2.5	PASS
NTNV	11N20SI SO	Ant1	2472	2387~2400	2394.64	-47.33	0.01849	≤25	PASS
NTNV	11N20SI SO	Ant1	2472	2483.5~2496.5	2483.52	-26.87	2.05589	≤25	PASS
NTNV	11N20SI SO	Ant1	2472	2496.5~13000	2507.00	-51.27	0.00746	≤2.5	PASS

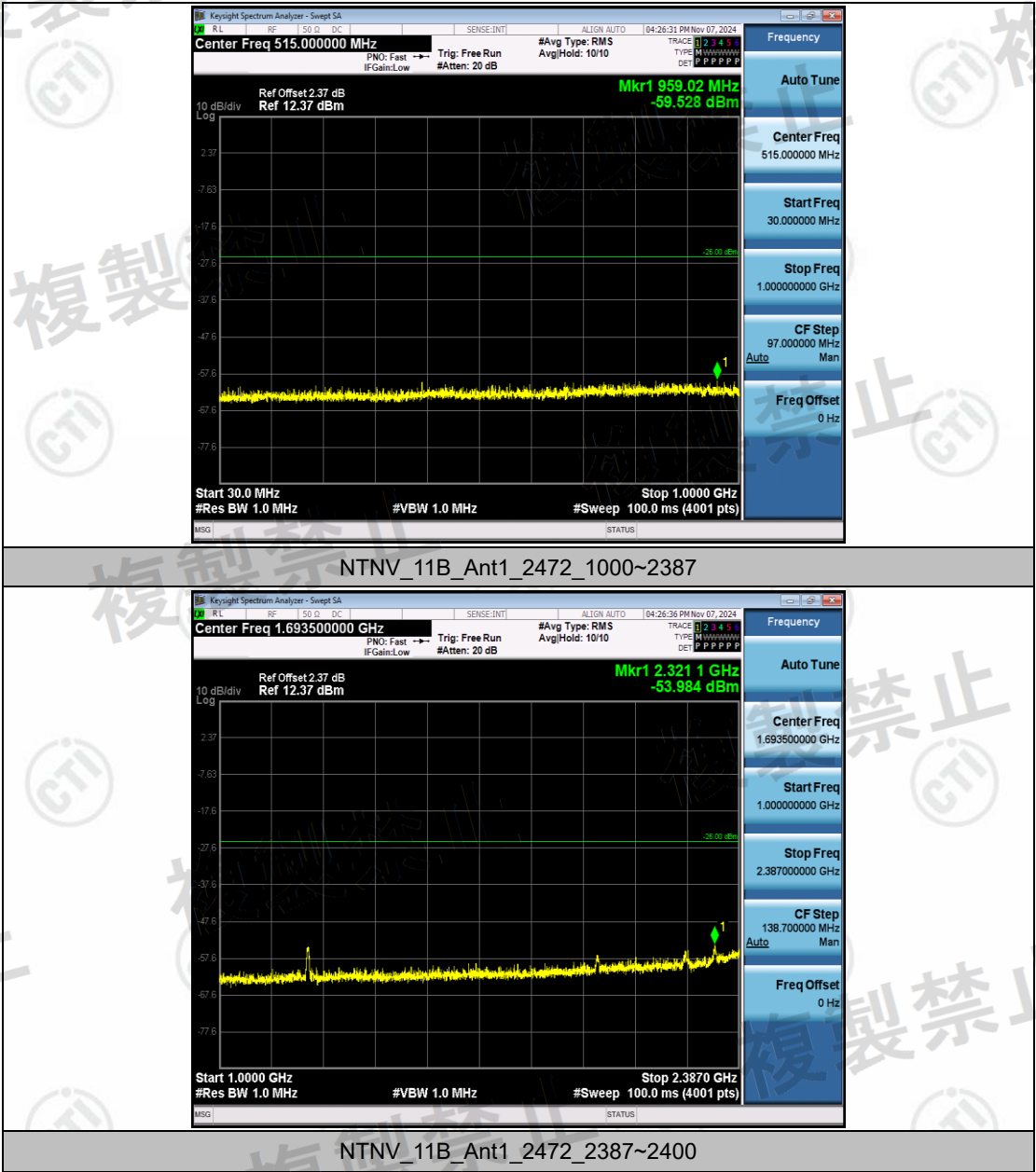


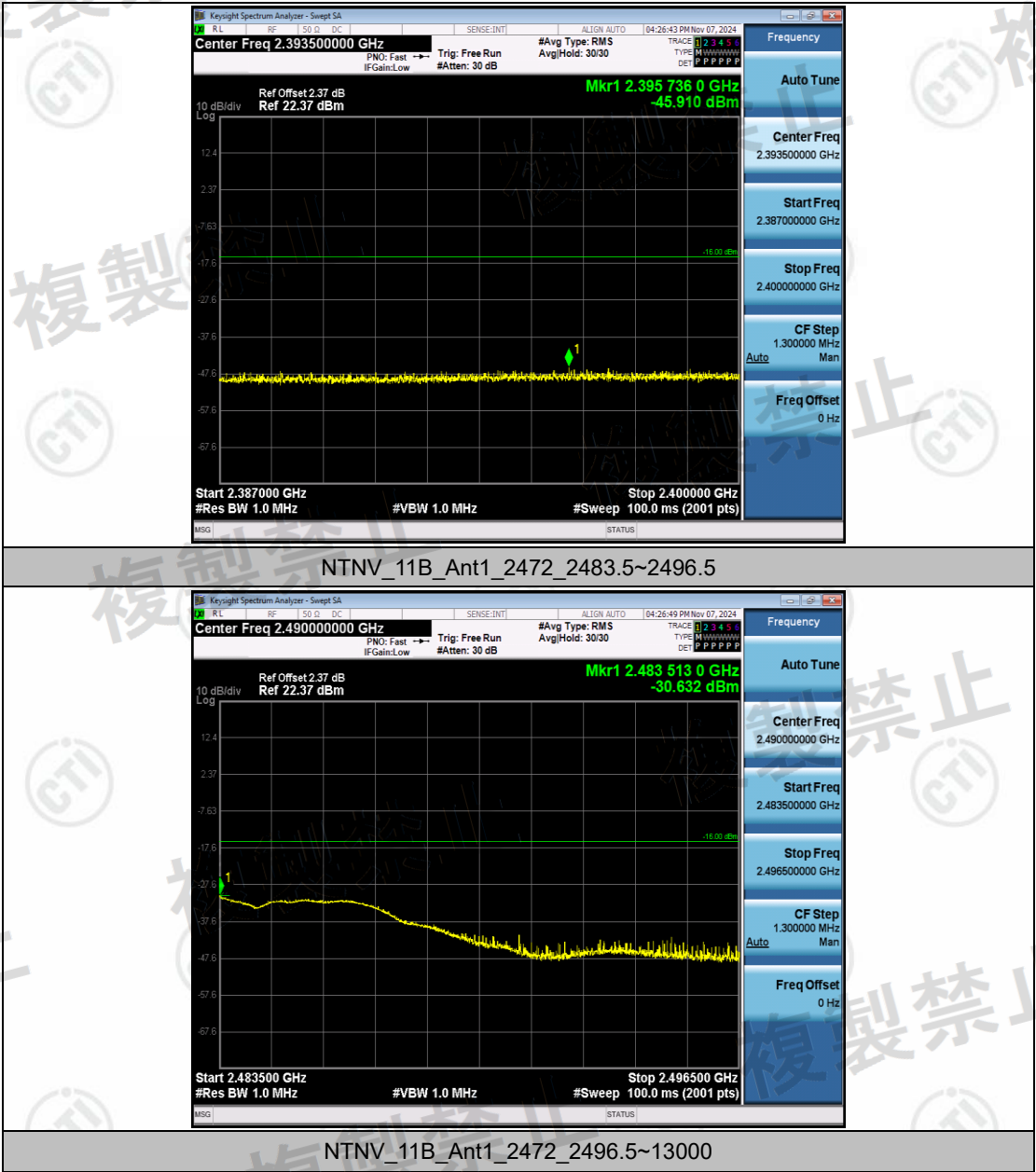


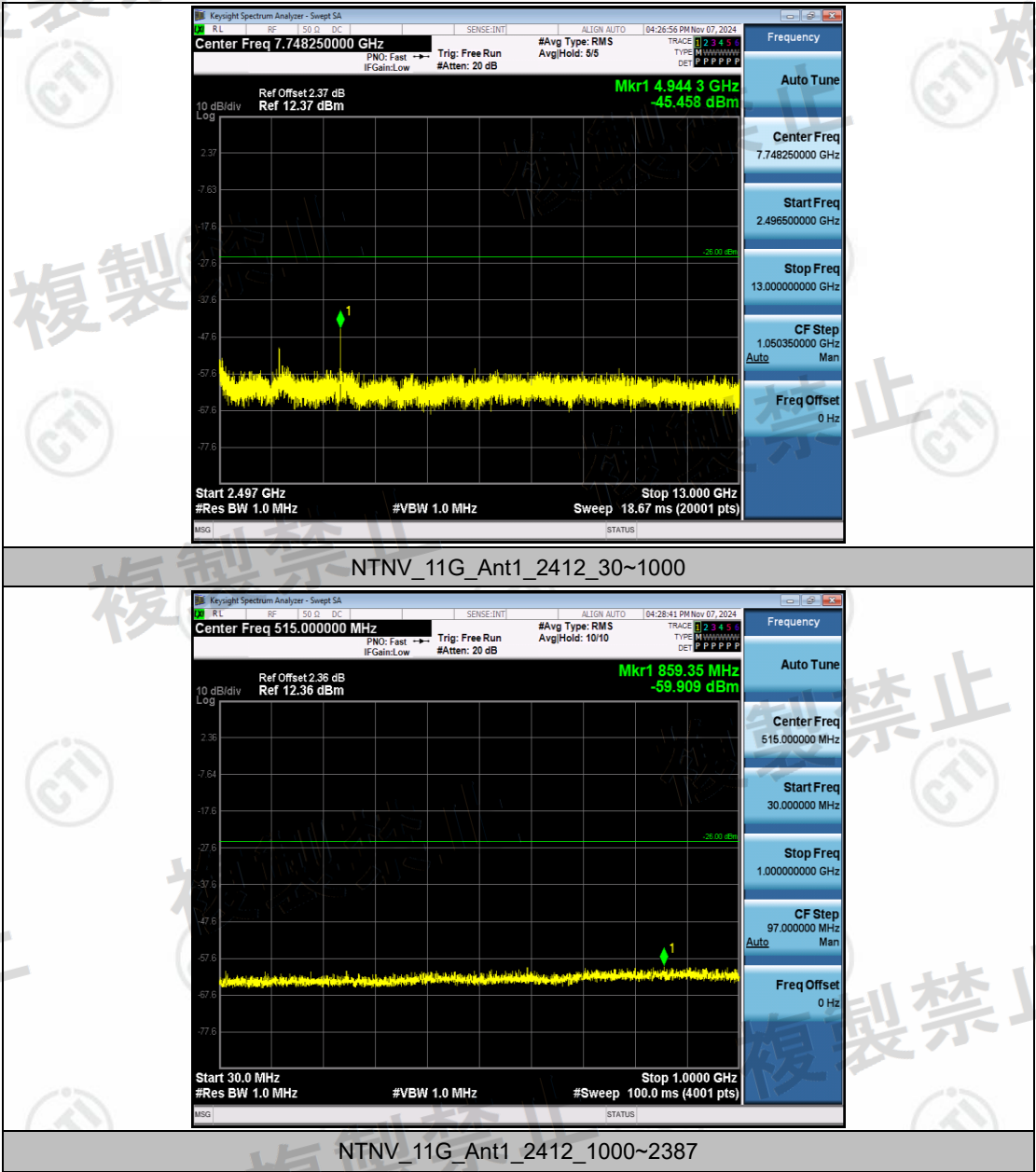


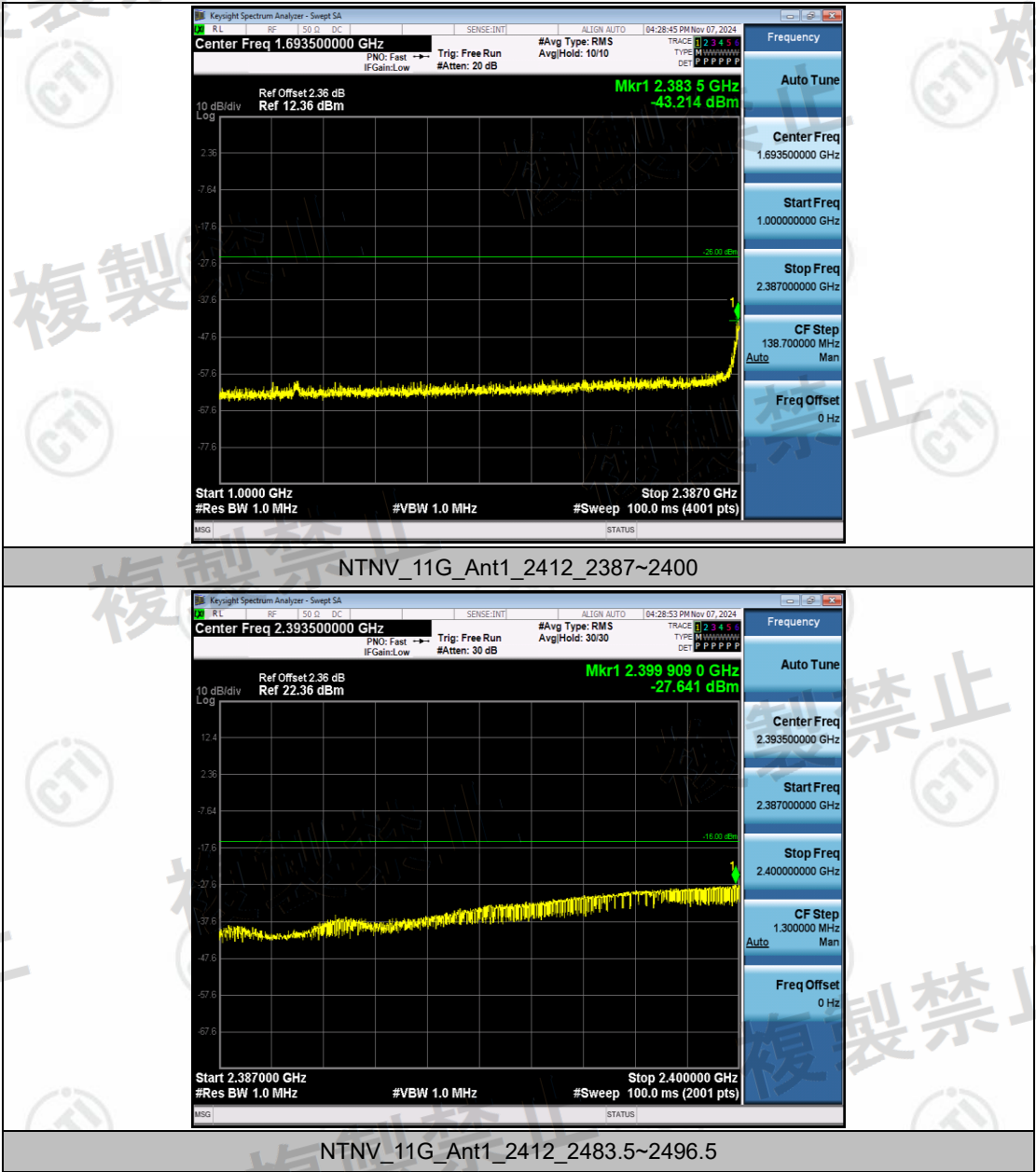


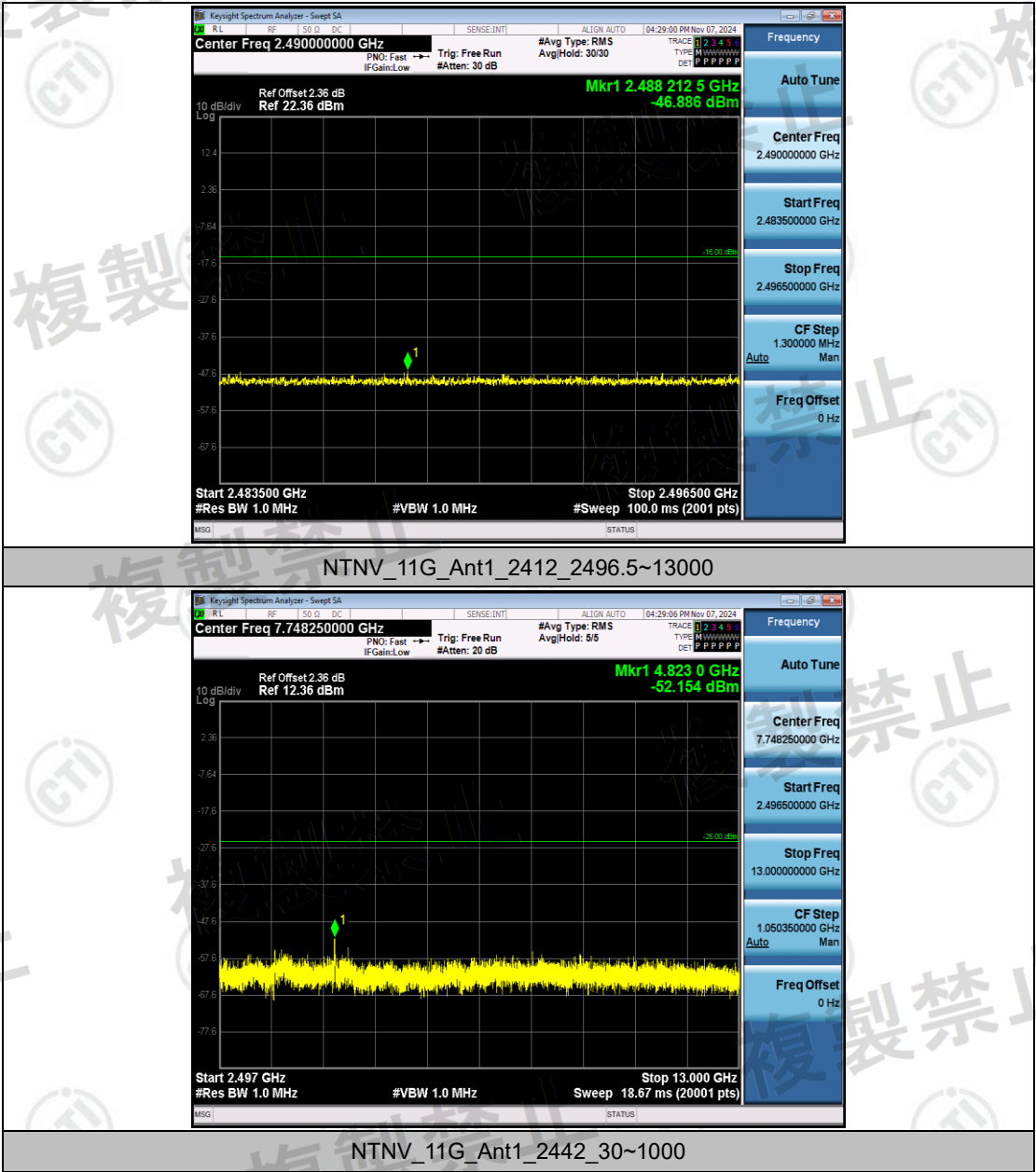


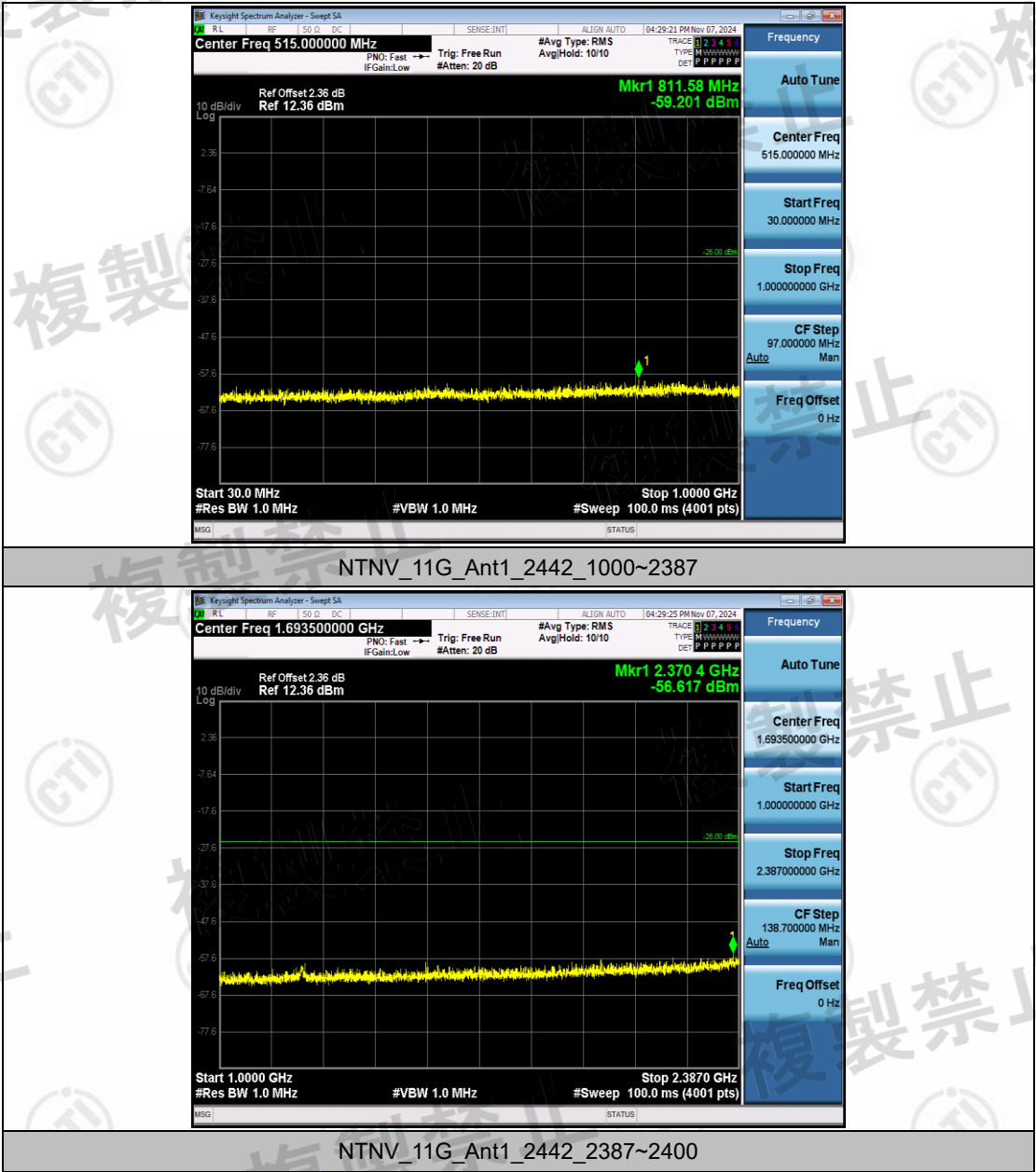


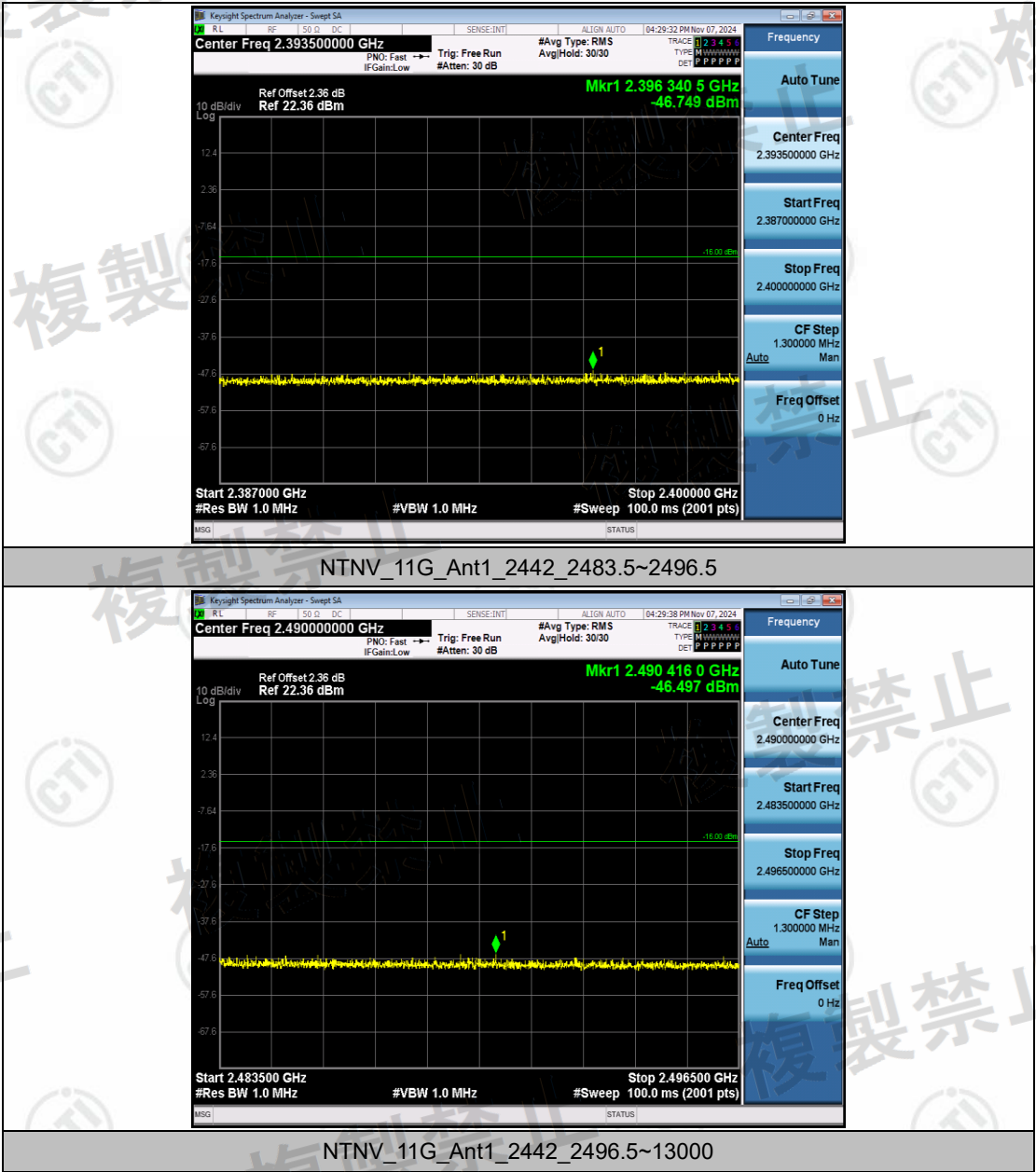


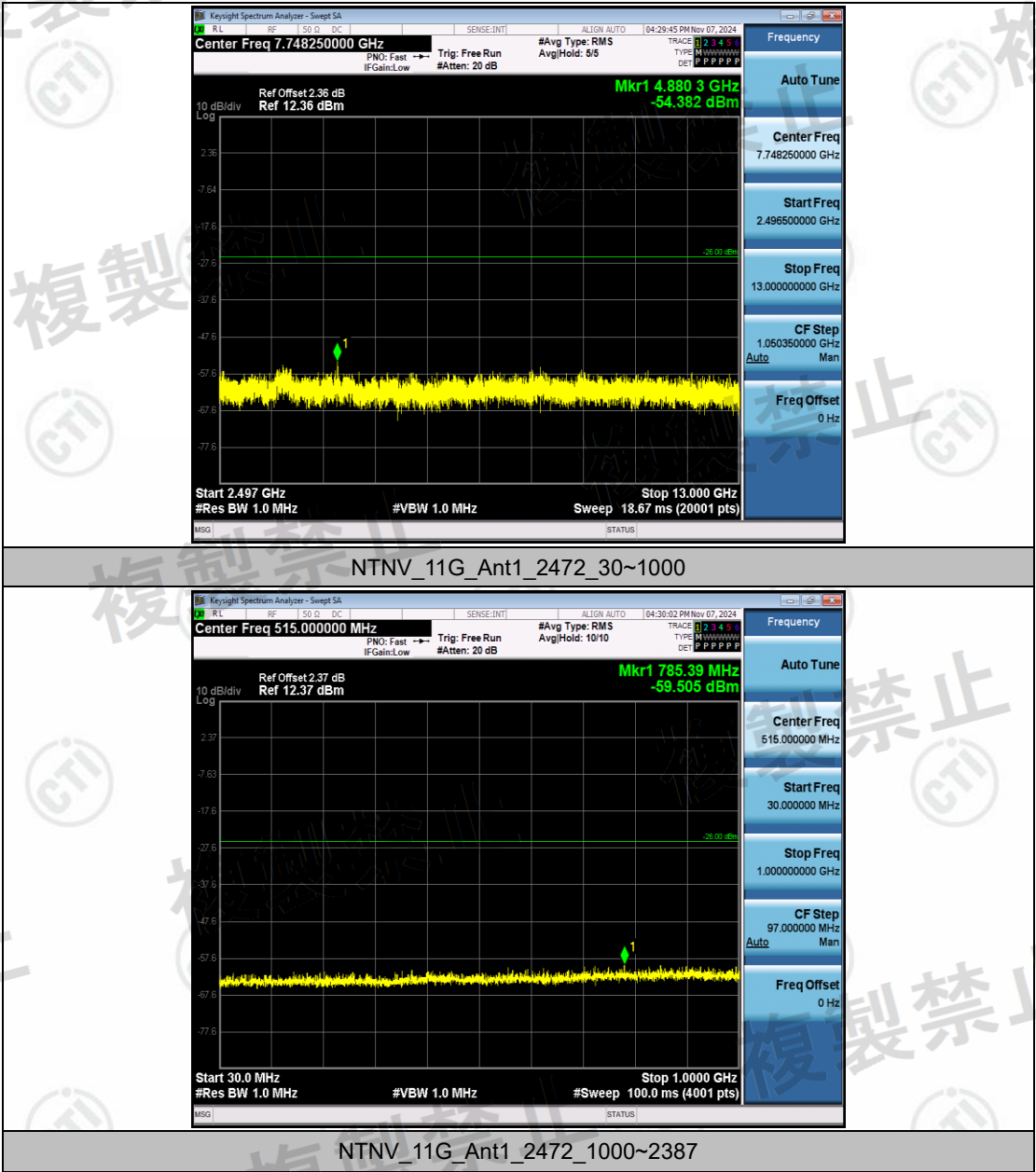


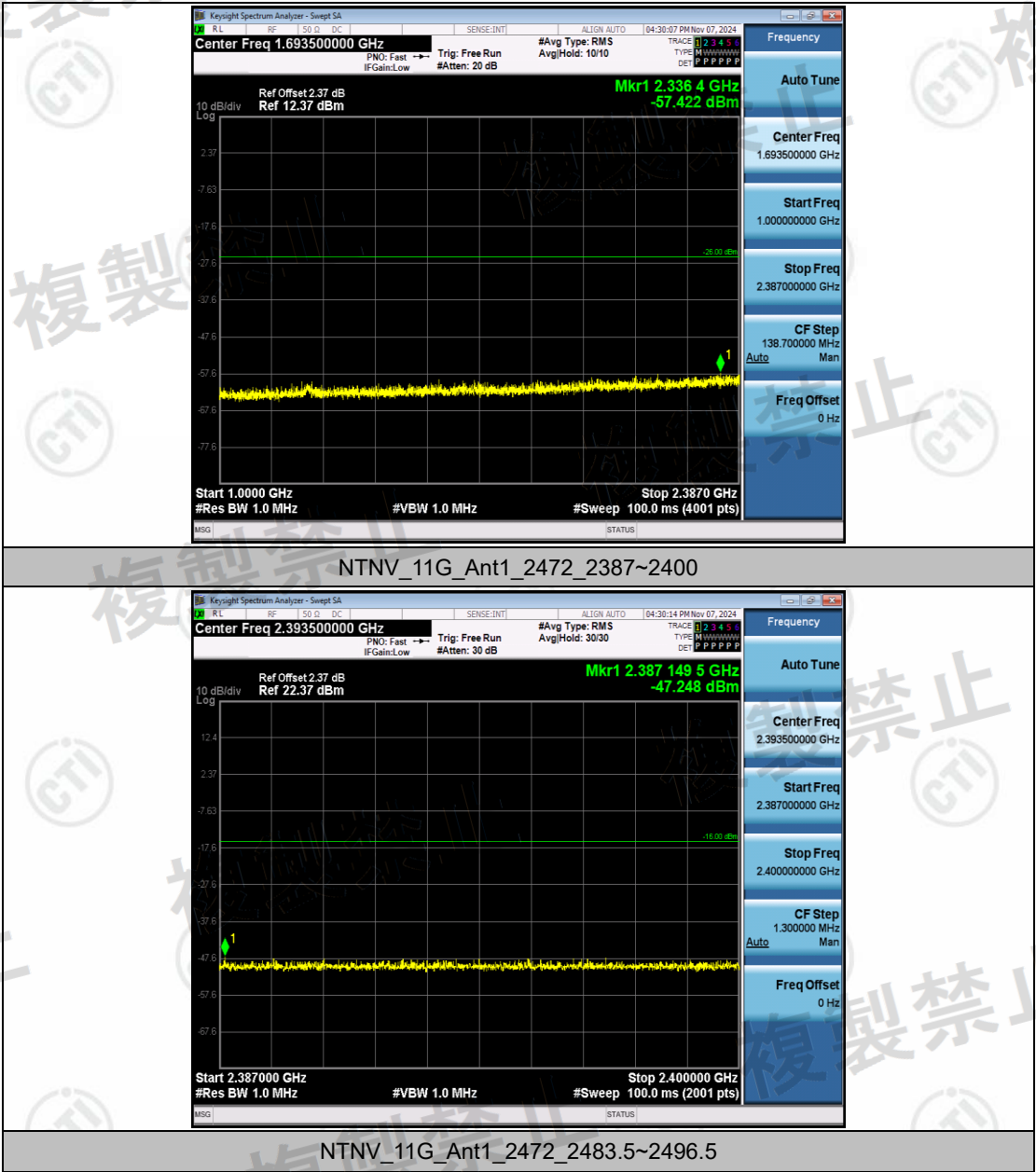


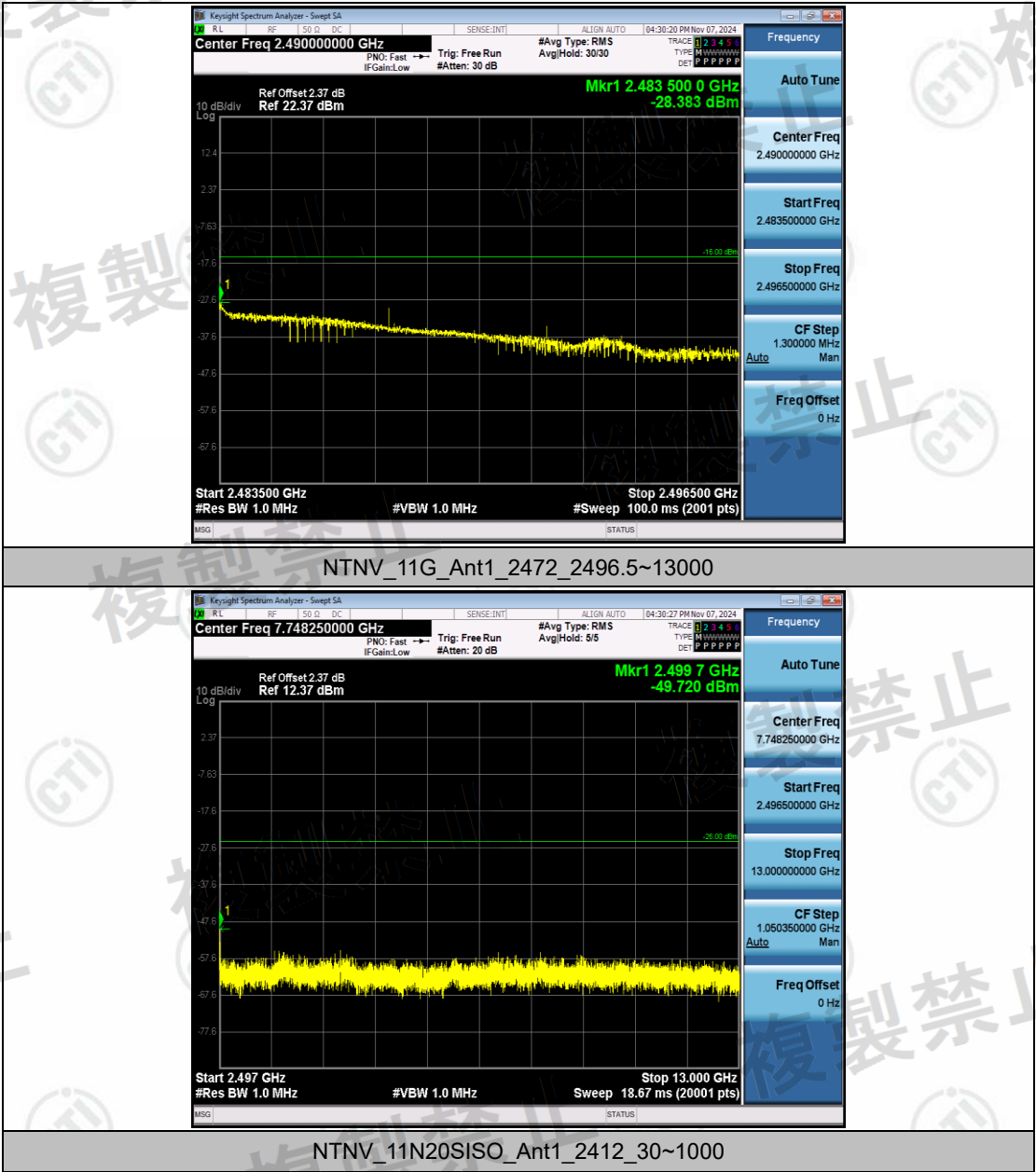


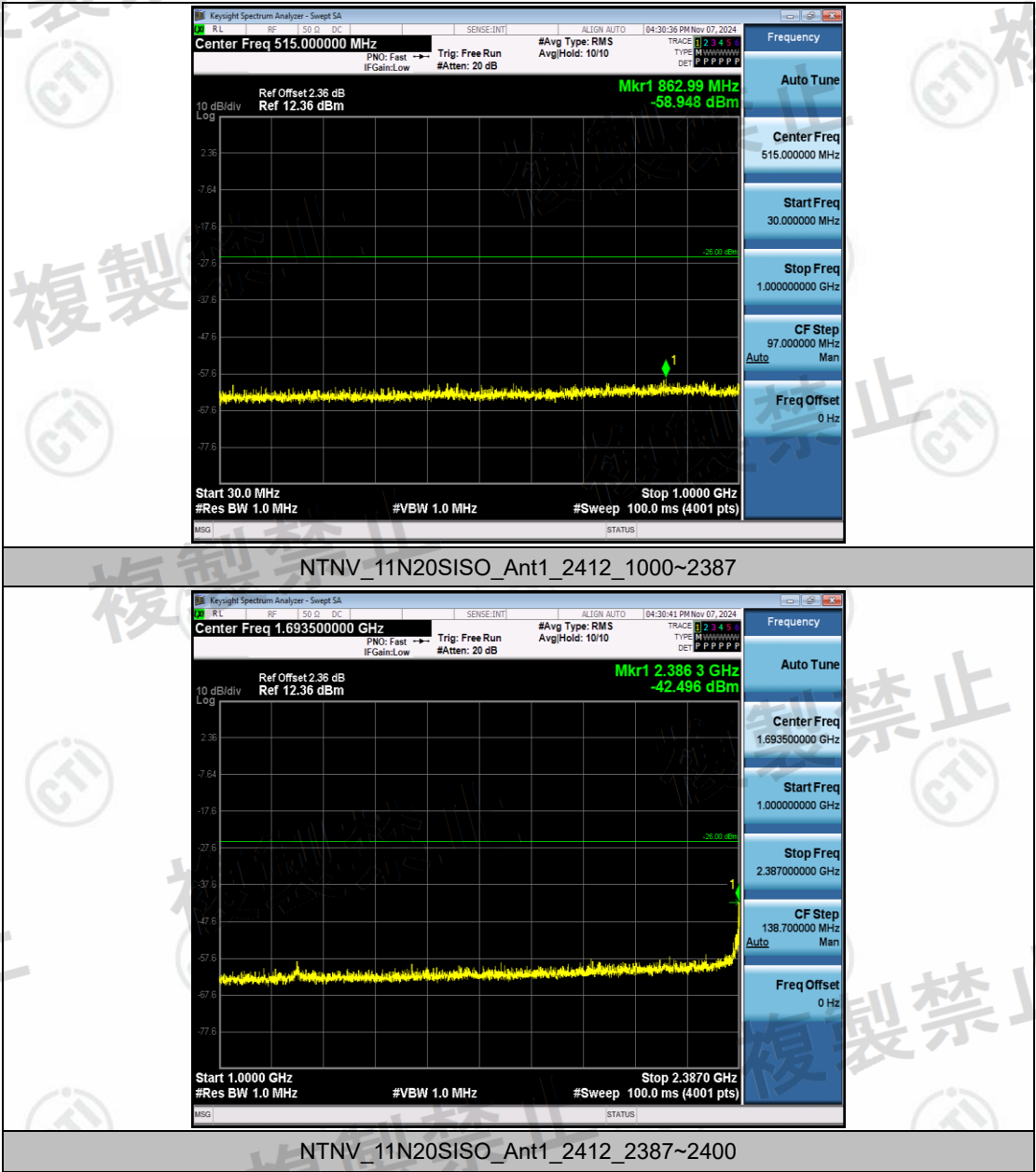


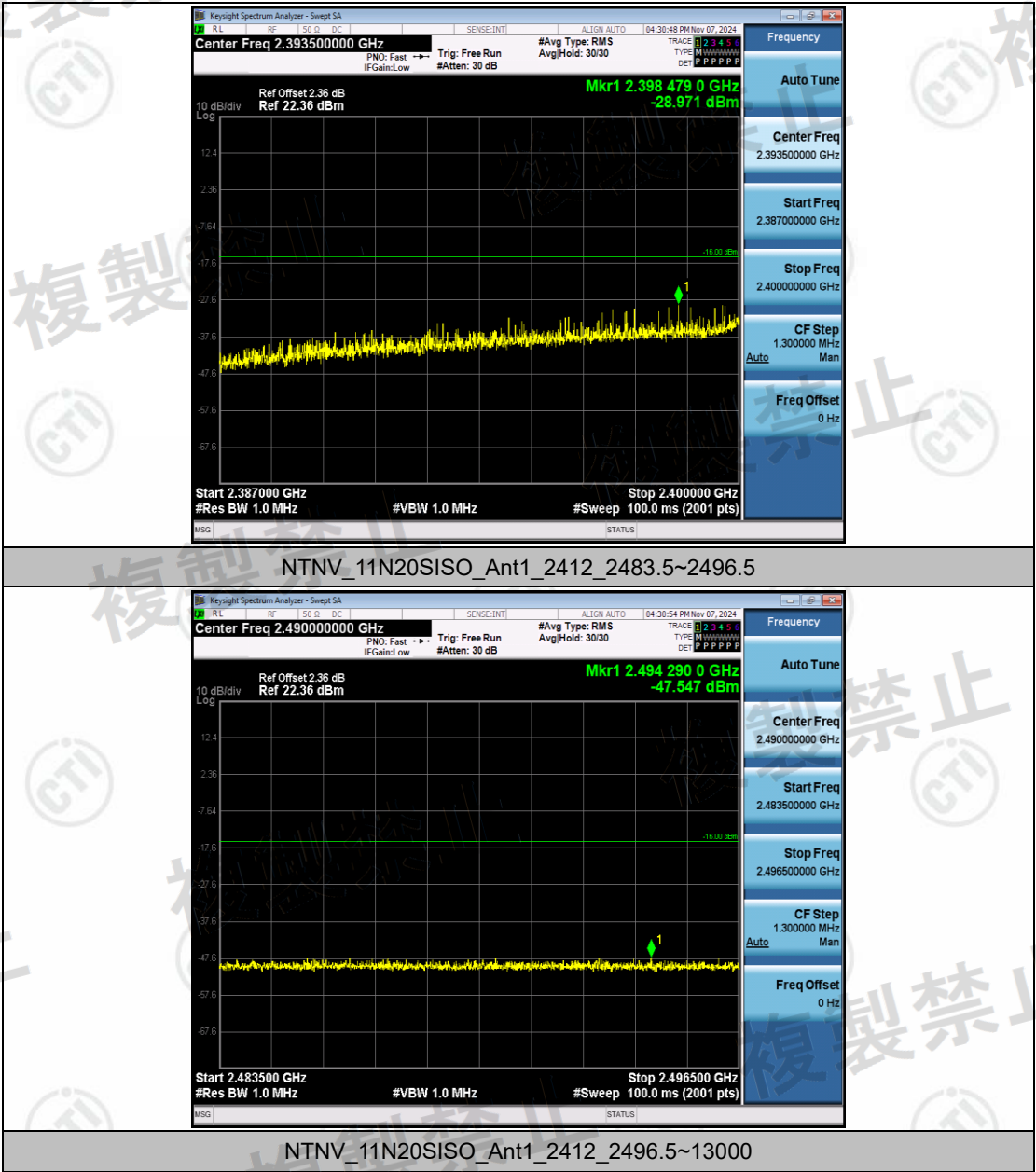


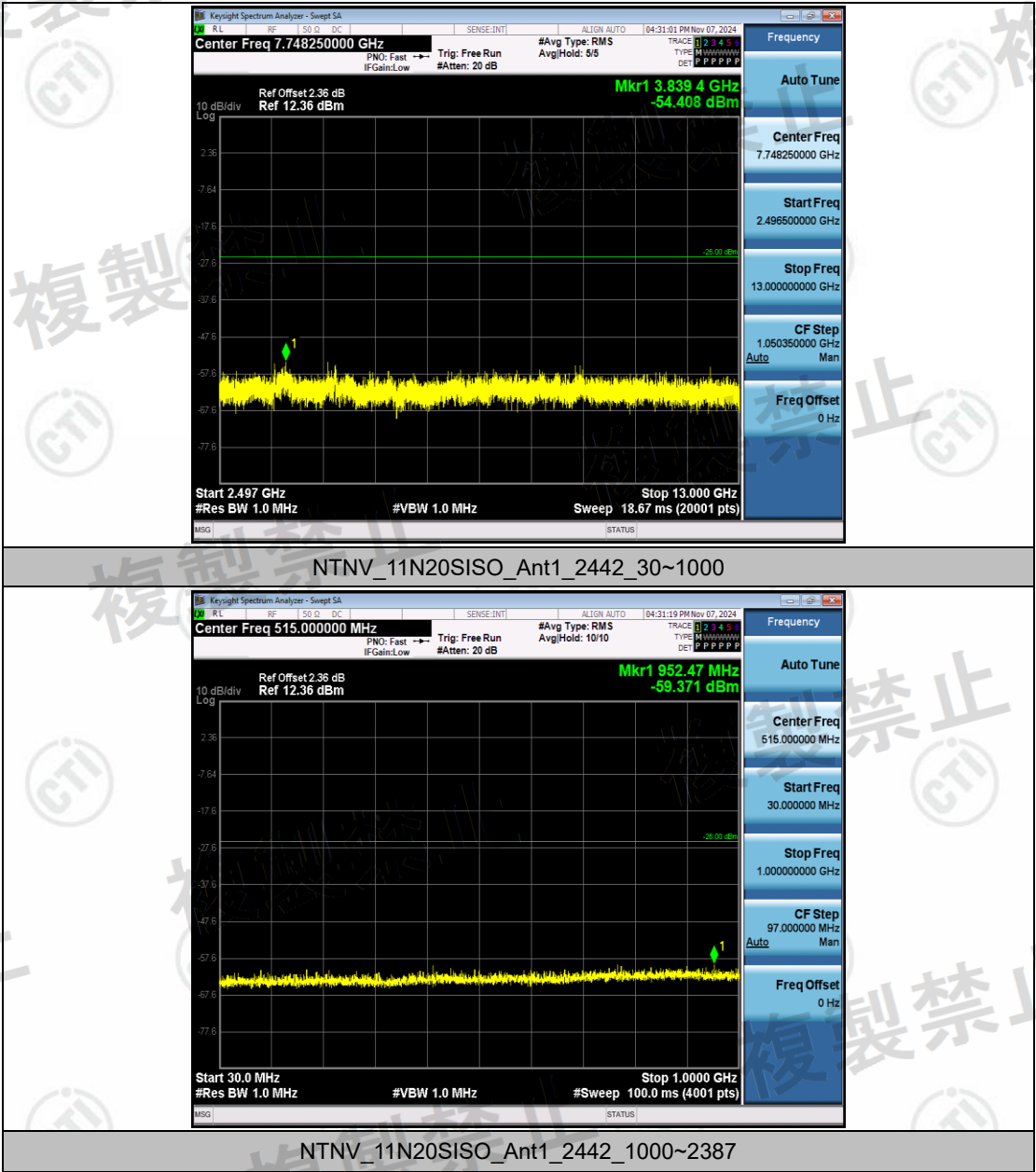


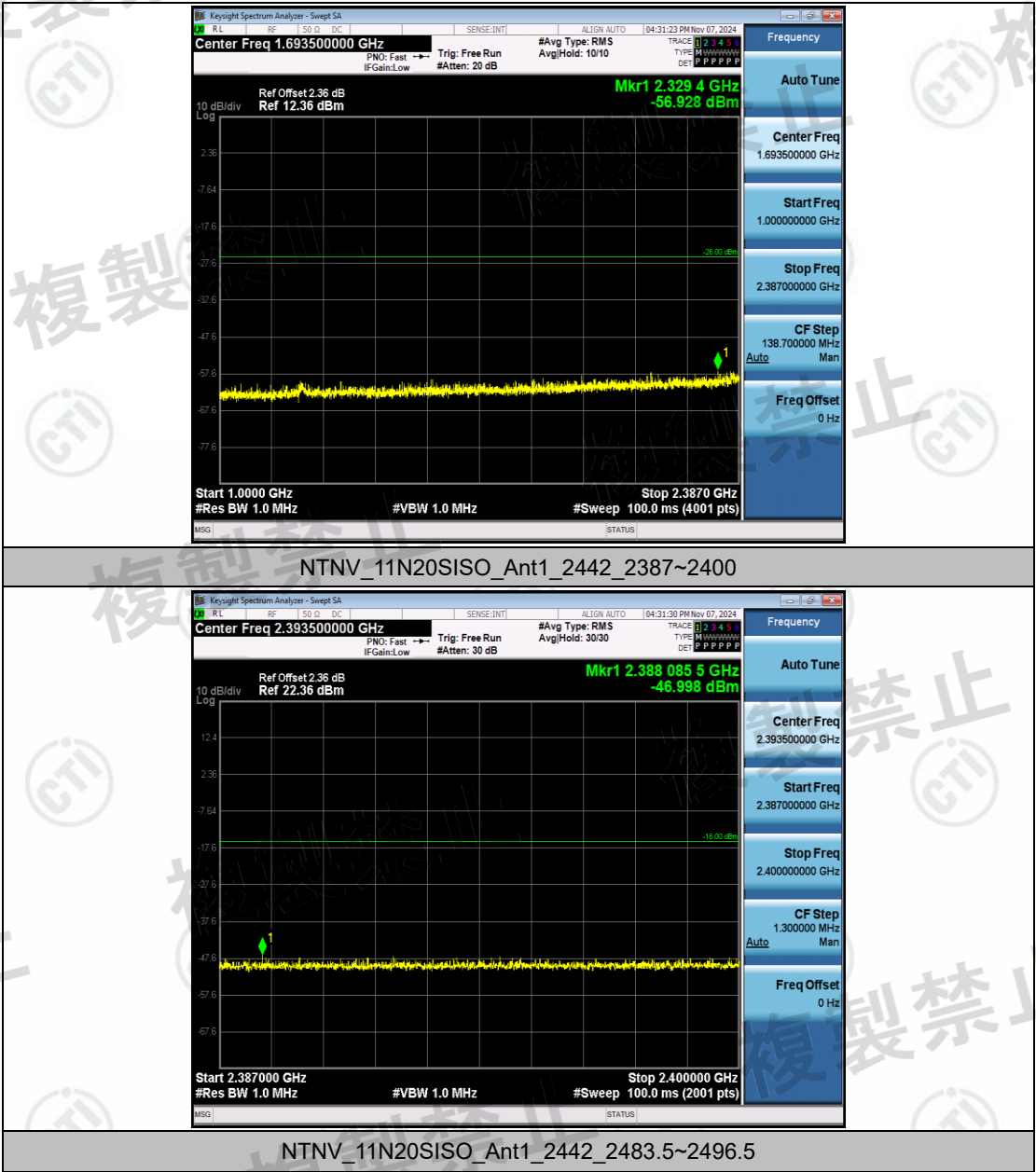


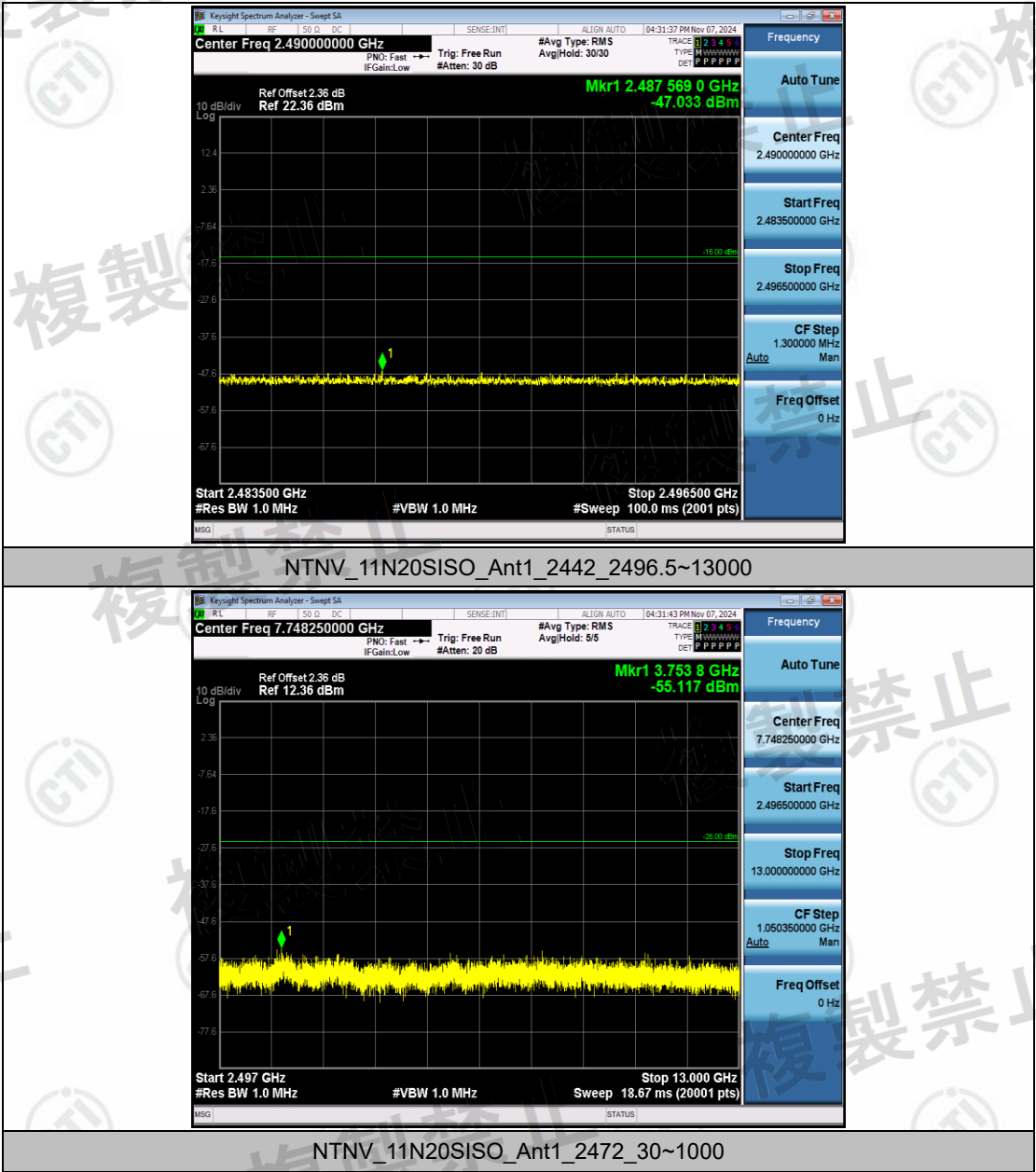


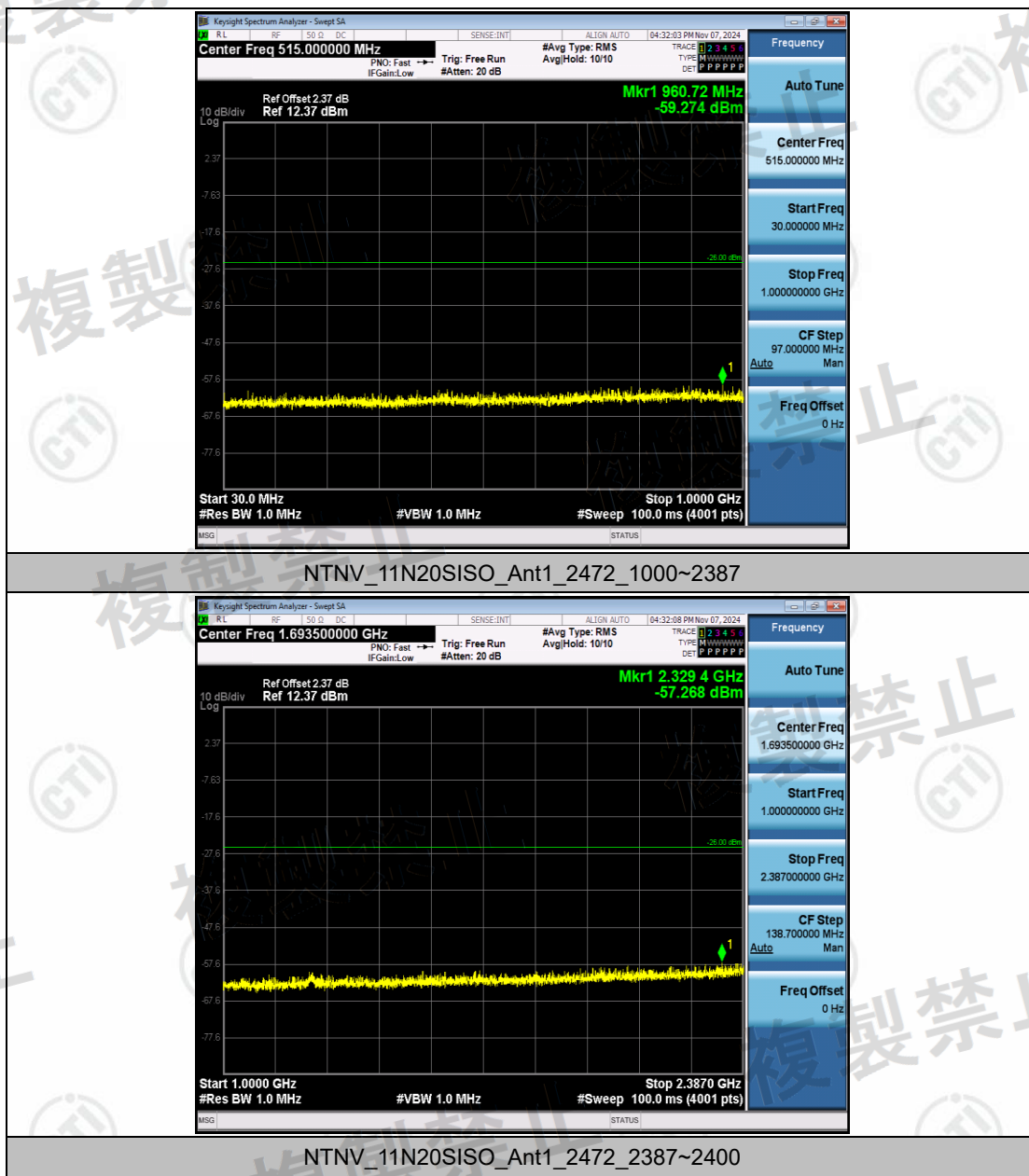


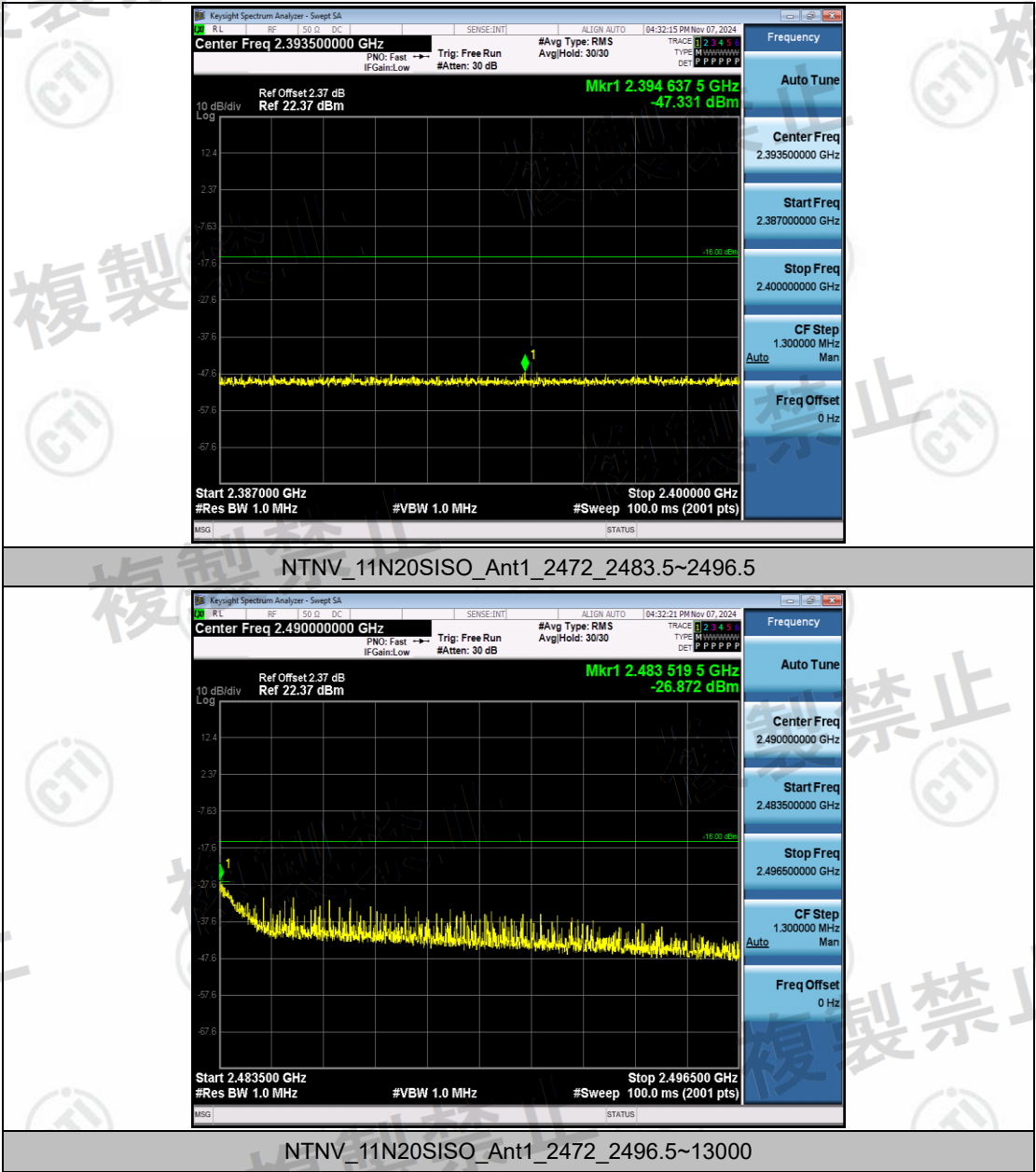


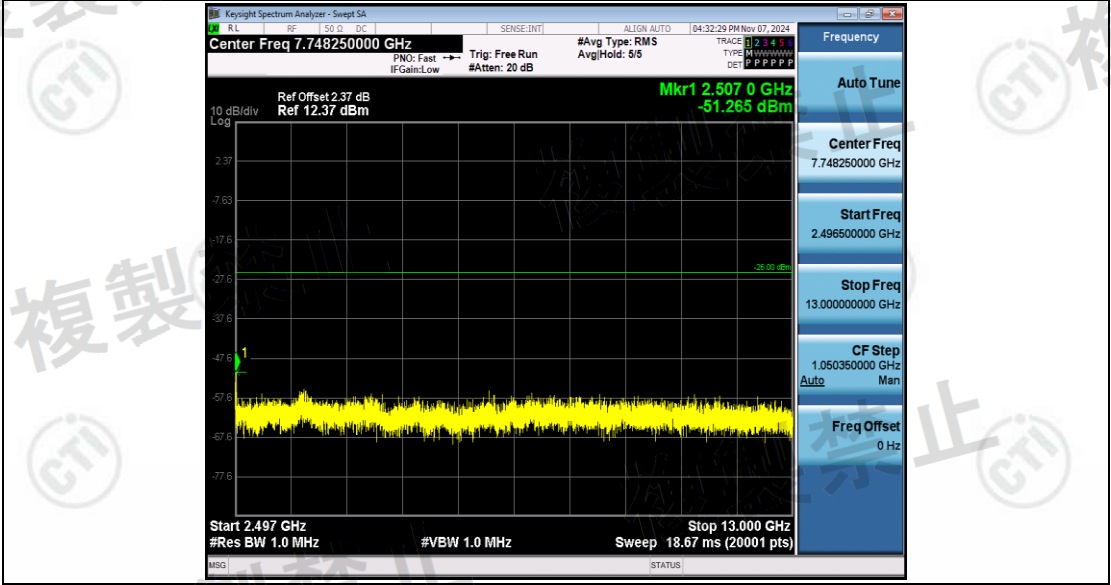






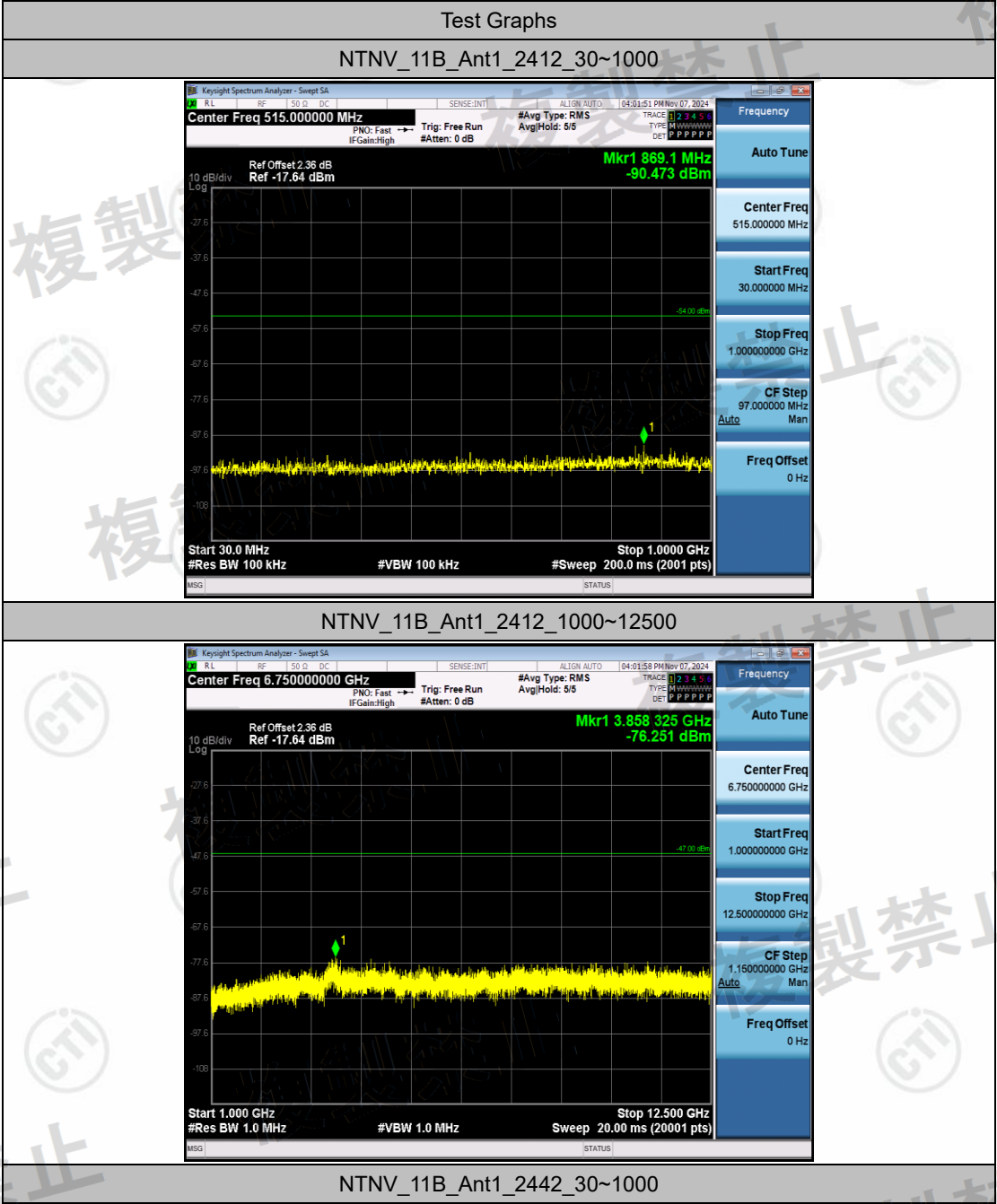


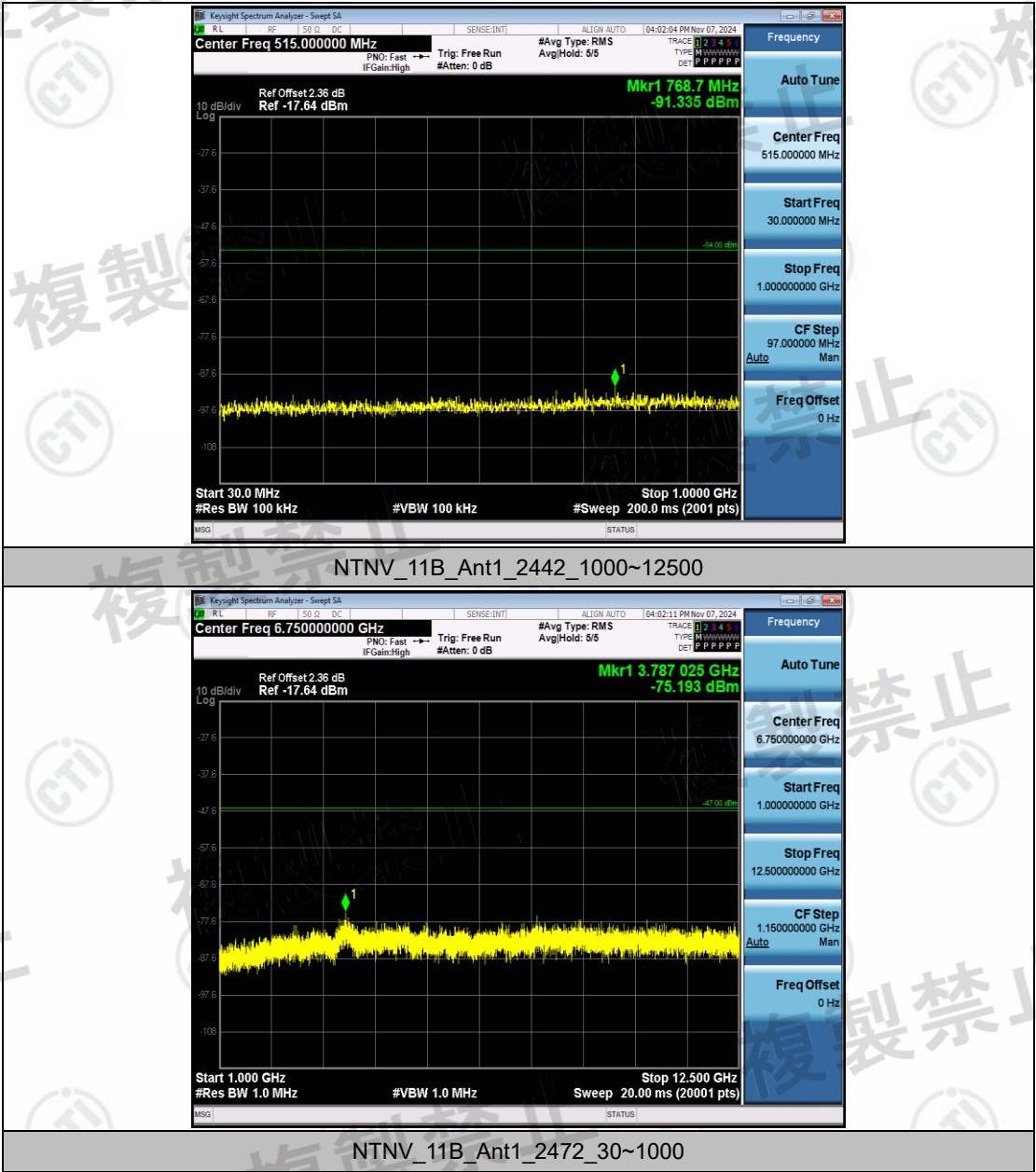


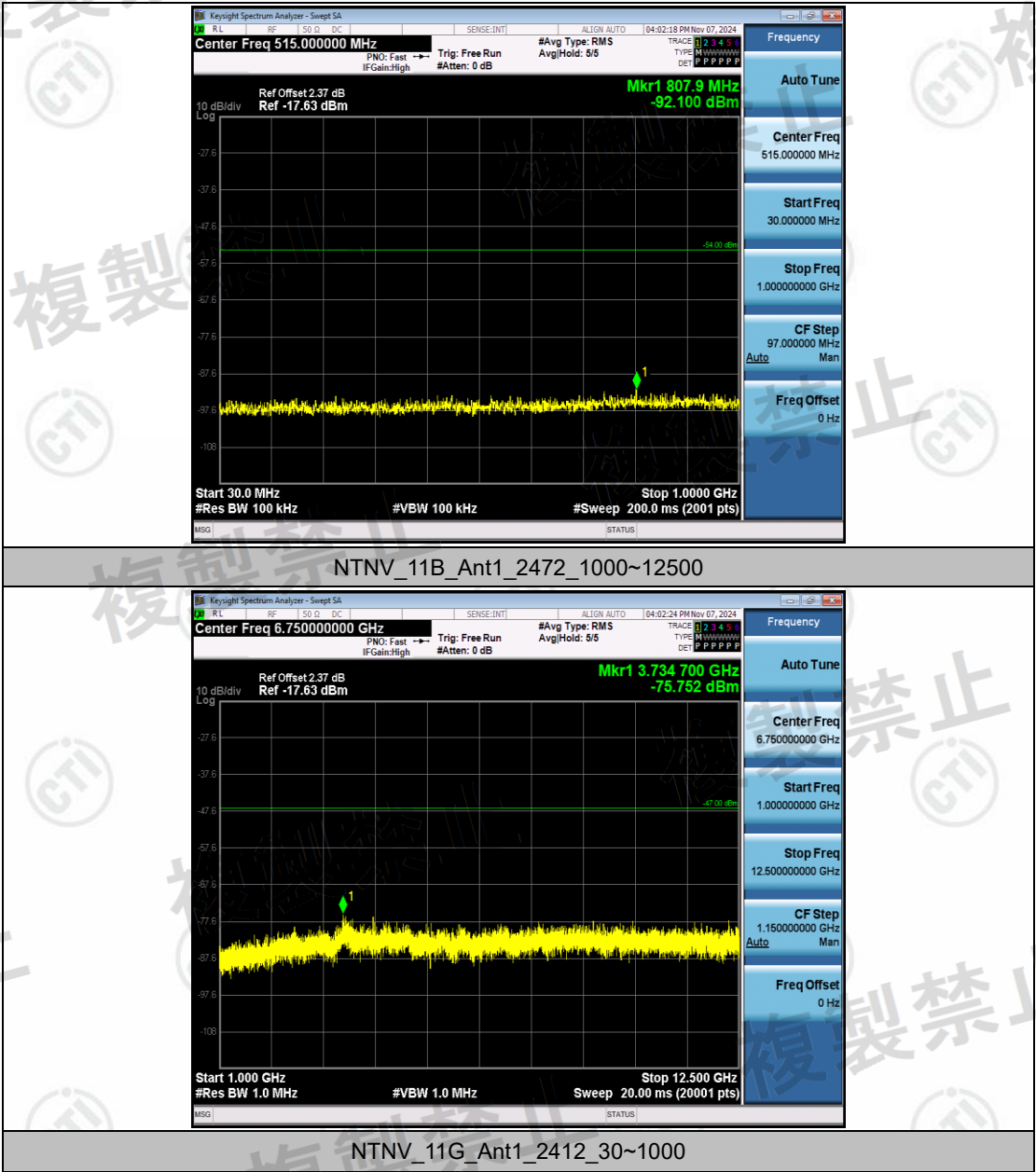


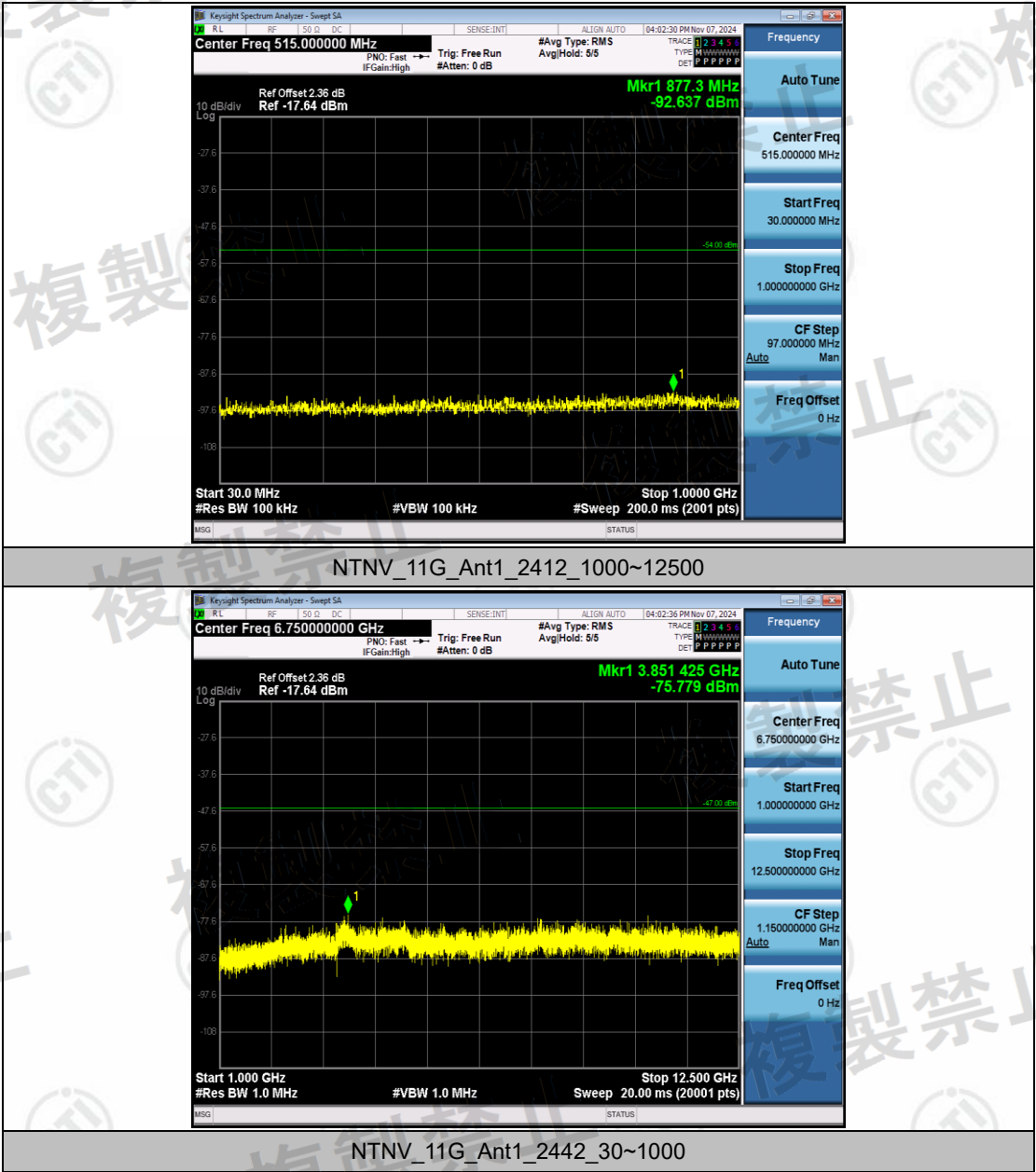
Spurious Emission of RX

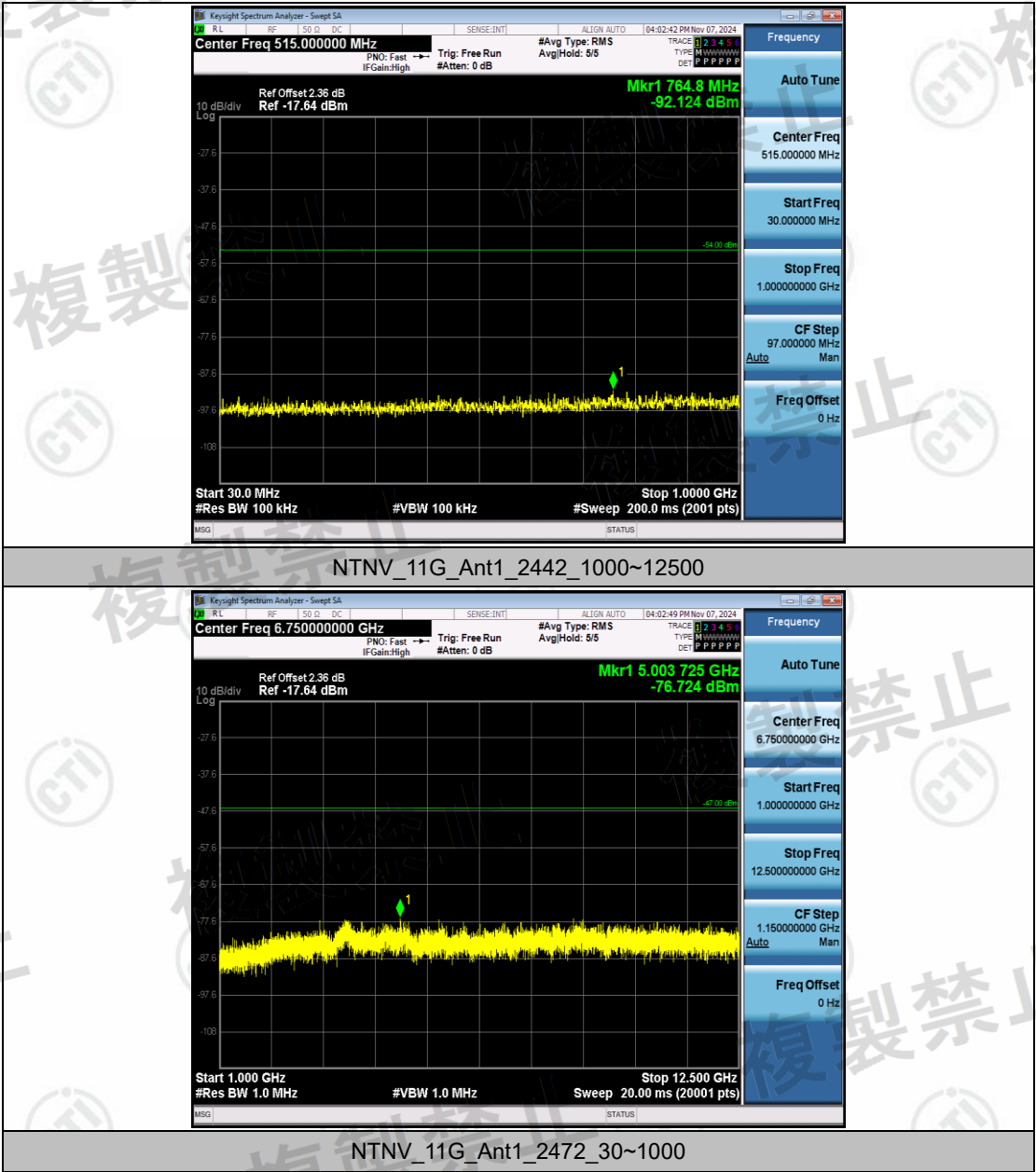
TestCondition	TestMode	Antenna	Frequency[MHz]	Freq.Range [MHz]	Freq [MHz]	Result [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2412	30~1000	869.05	-90.47	0.00090	≤4	PASS
NTNV	11B	Ant1	2412	1000~12500	3858.33	-76.25	0.02371	≤20	PASS
NTNV	11B	Ant1	2442	30~1000	768.66	-91.34	0.00073	≤4	PASS
NTNV	11B	Ant1	2442	1000~12500	3787.03	-75.19	0.03027	≤20	PASS
NTNV	11B	Ant1	2472	30~1000	807.94	-92.10	0.00062	≤4	PASS
NTNV	11B	Ant1	2472	1000~12500	3734.70	-75.75	0.02661	≤20	PASS
NTNV	11G	Ant1	2412	30~1000	877.30	-92.64	0.00054	≤4	PASS
NTNV	11G	Ant1	2412	1000~12500	3851.43	-75.78	0.02642	≤20	PASS
NTNV	11G	Ant1	2442	30~1000	764.78	-92.12	0.00061	≤4	PASS
NTNV	11G	Ant1	2442	1000~12500	5003.73	-76.72	0.02128	≤20	PASS
NTNV	11G	Ant1	2472	30~1000	628.01	-92.01	0.00063	≤4	PASS
NTNV	11G	Ant1	2472	1000~12500	3799.10	-75.92	0.02559	≤20	PASS
NTNV	11N20SI SO	Ant1	2412	30~1000	903.49	-91.82	0.00066	≤4	PASS
NTNV	11N20SI SO	Ant1	2412	1000~12500	3738.73	-75.42	0.02871	≤20	PASS
NTNV	11N20SI SO	Ant1	2442	30~1000	917.55	-91.87	0.00065	≤4	PASS
NTNV	11N20SI SO	Ant1	2442	1000~12500	4608.13	-76.55	0.02213	≤20	PASS
NTNV	11N20SI SO	Ant1	2472	30~1000	875.84	-91.96	0.00064	≤4	PASS
NTNV	11N20SI SO	Ant1	2472	1000~12500	8380.13	-76.22	0.02388	≤20	PASS

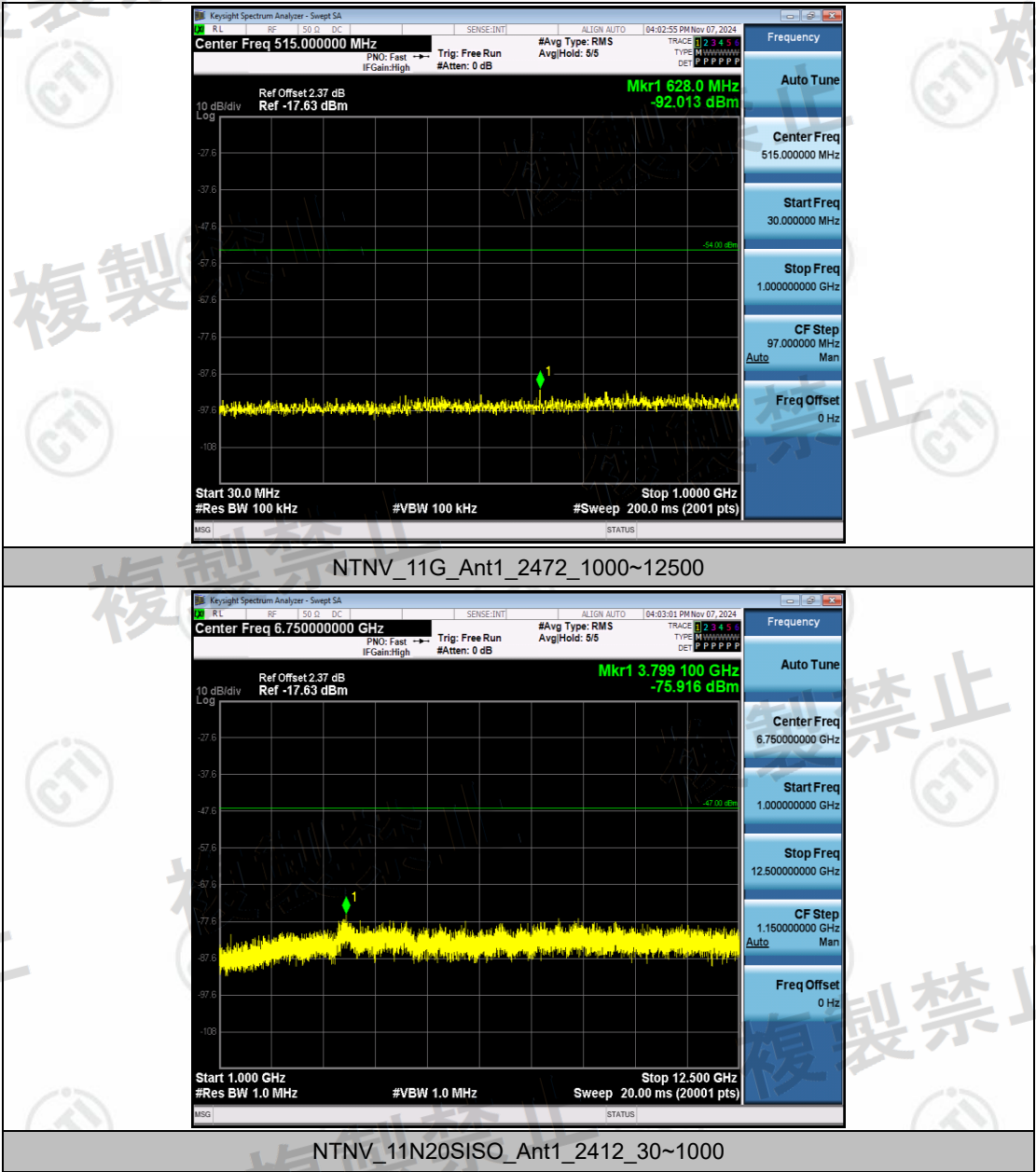


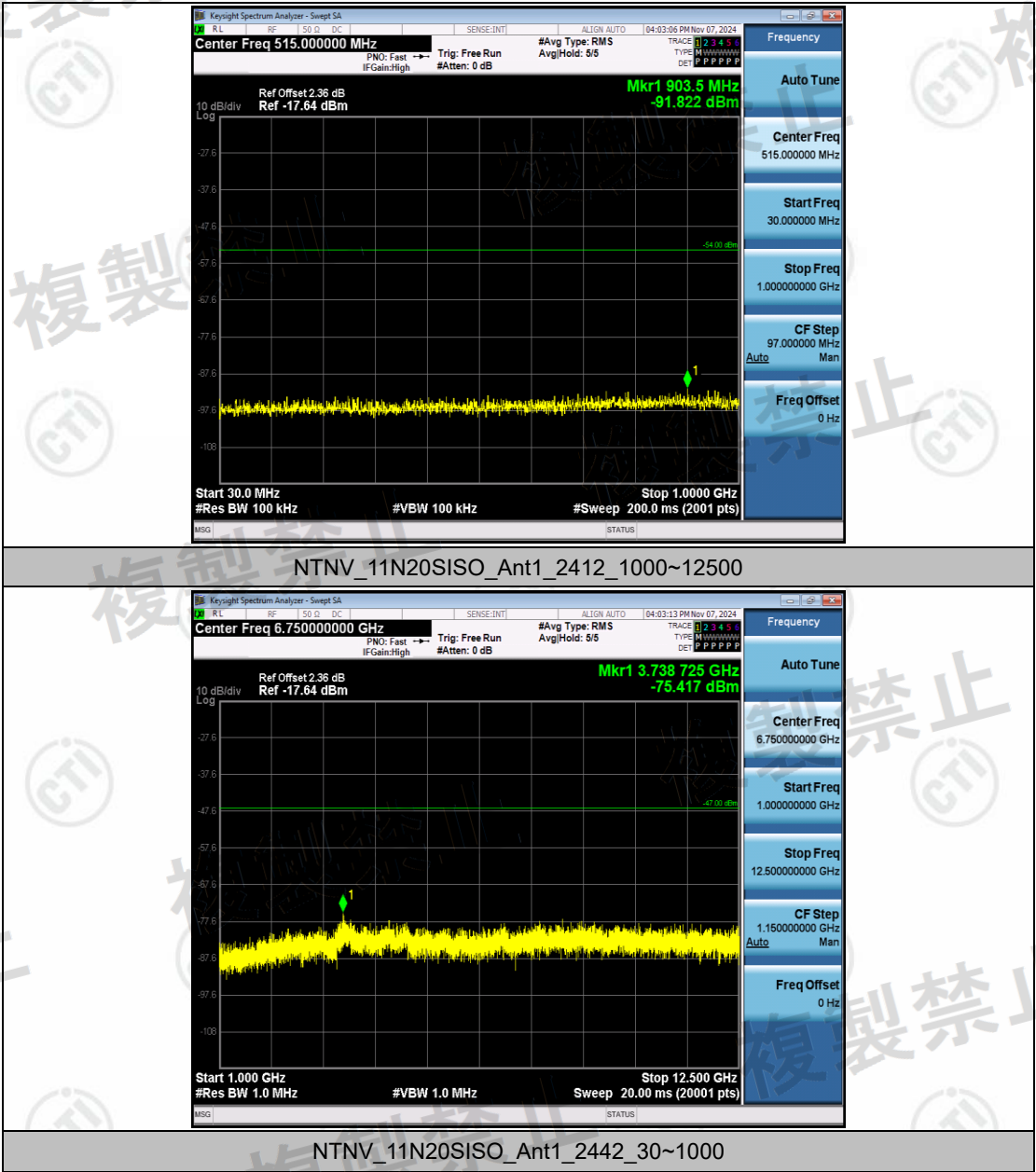


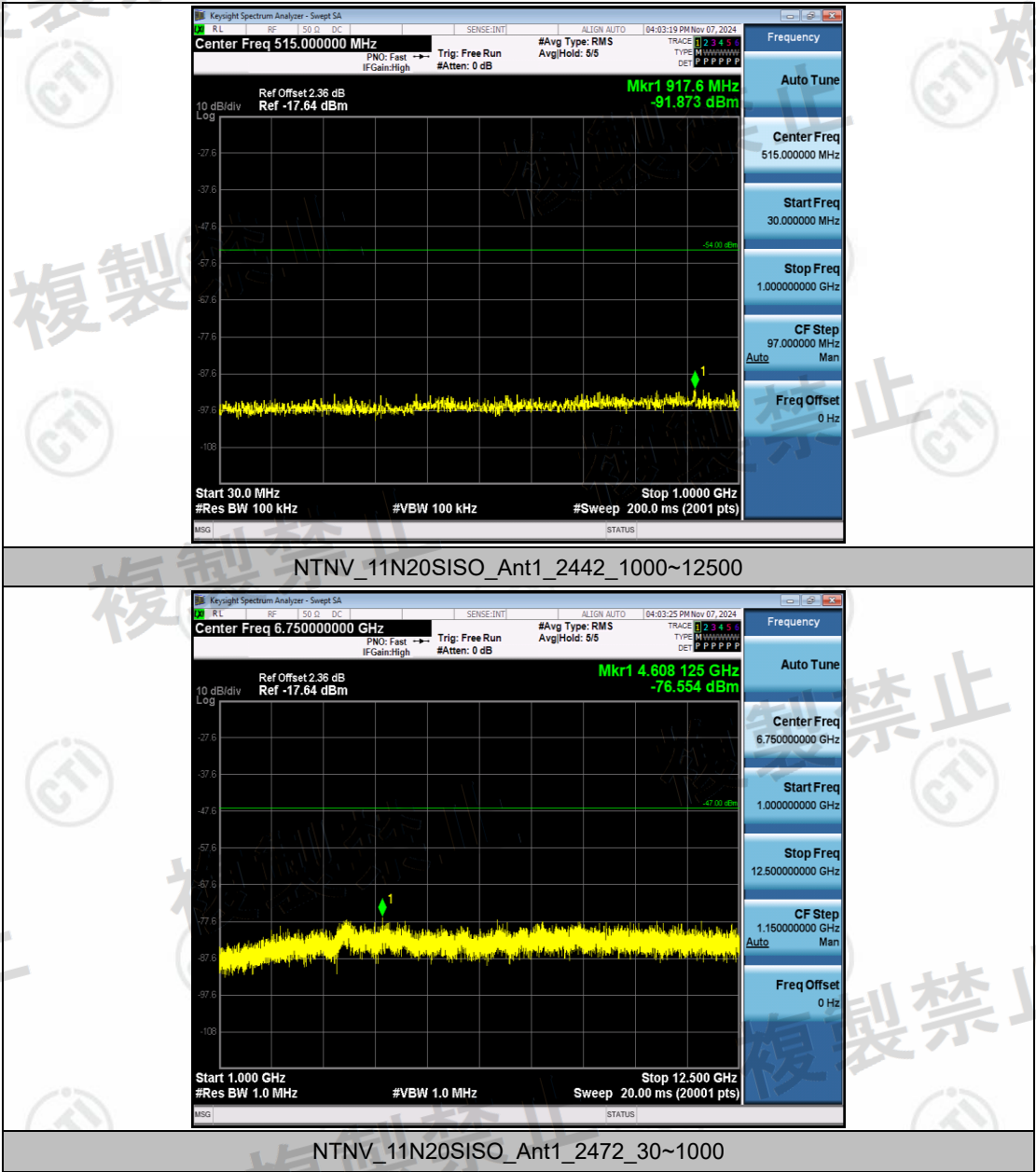


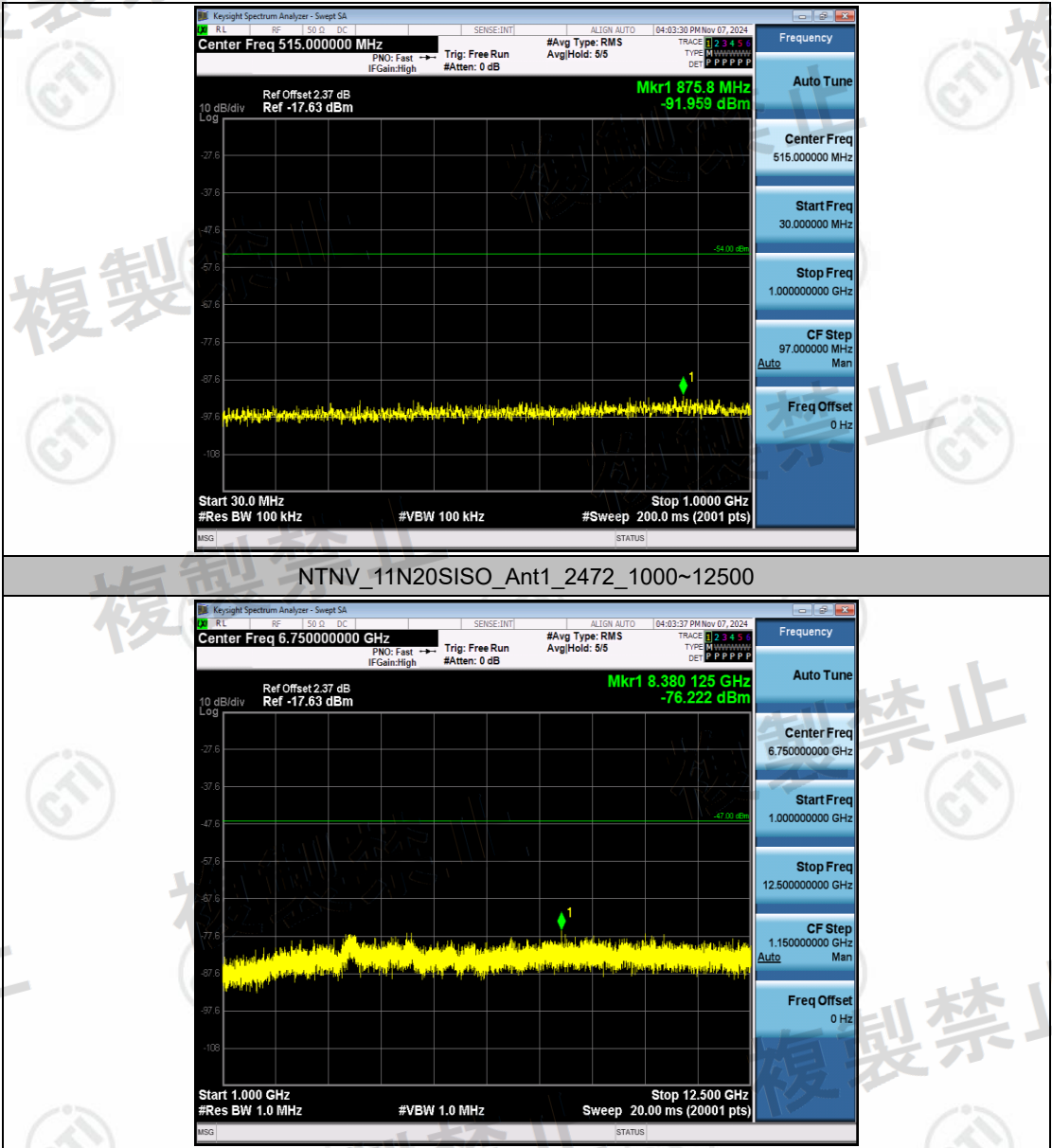












END OF REPORT