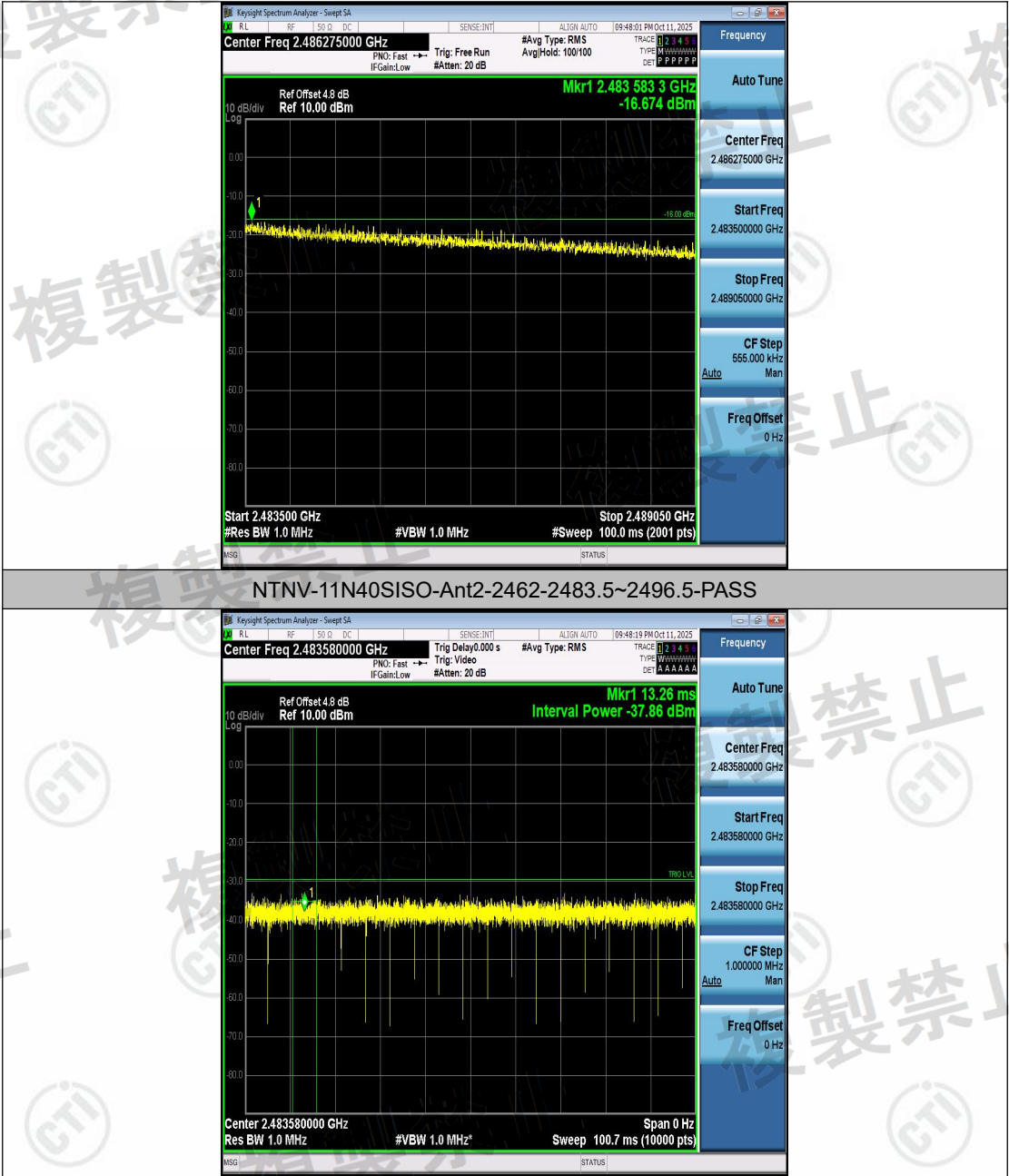
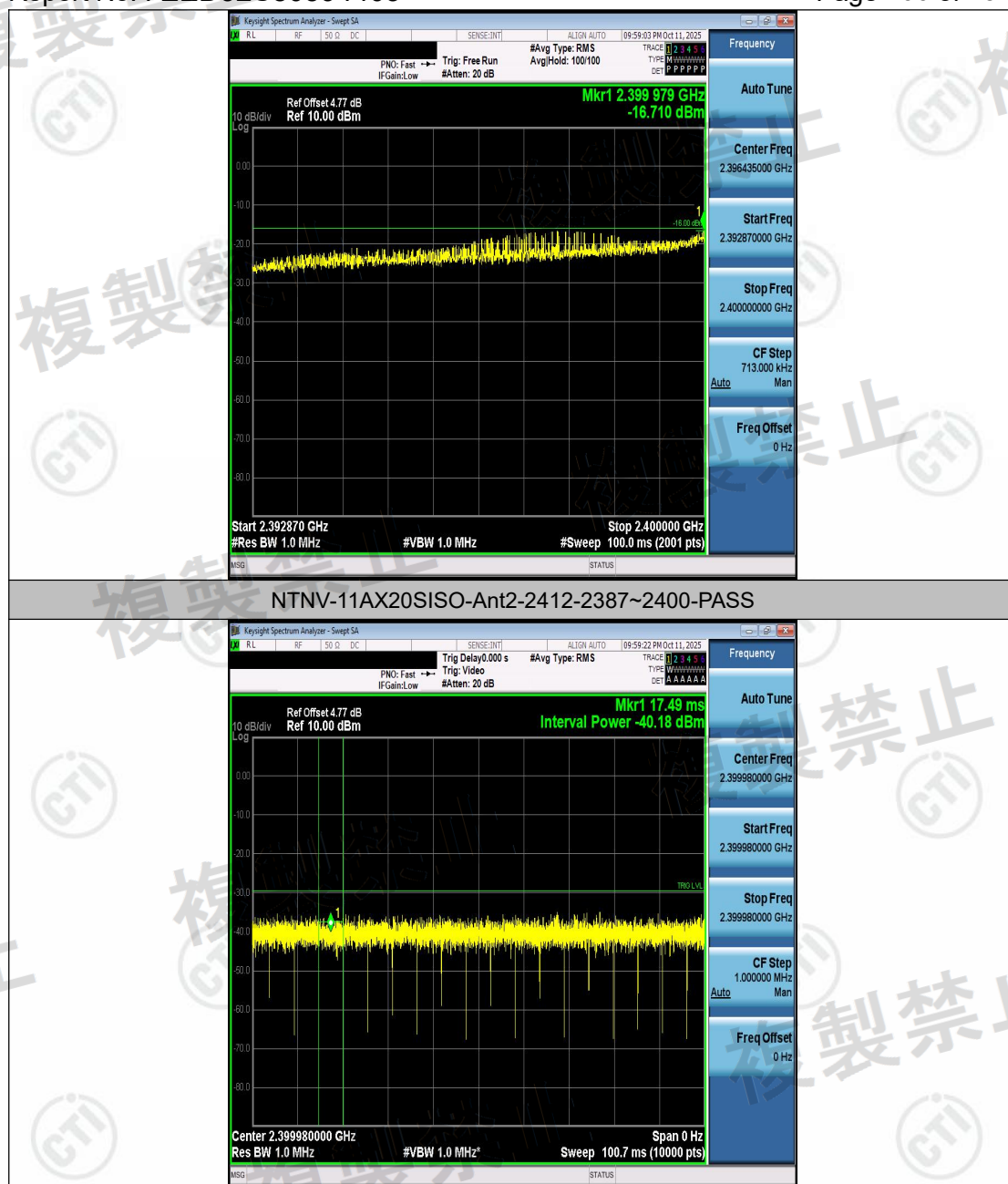
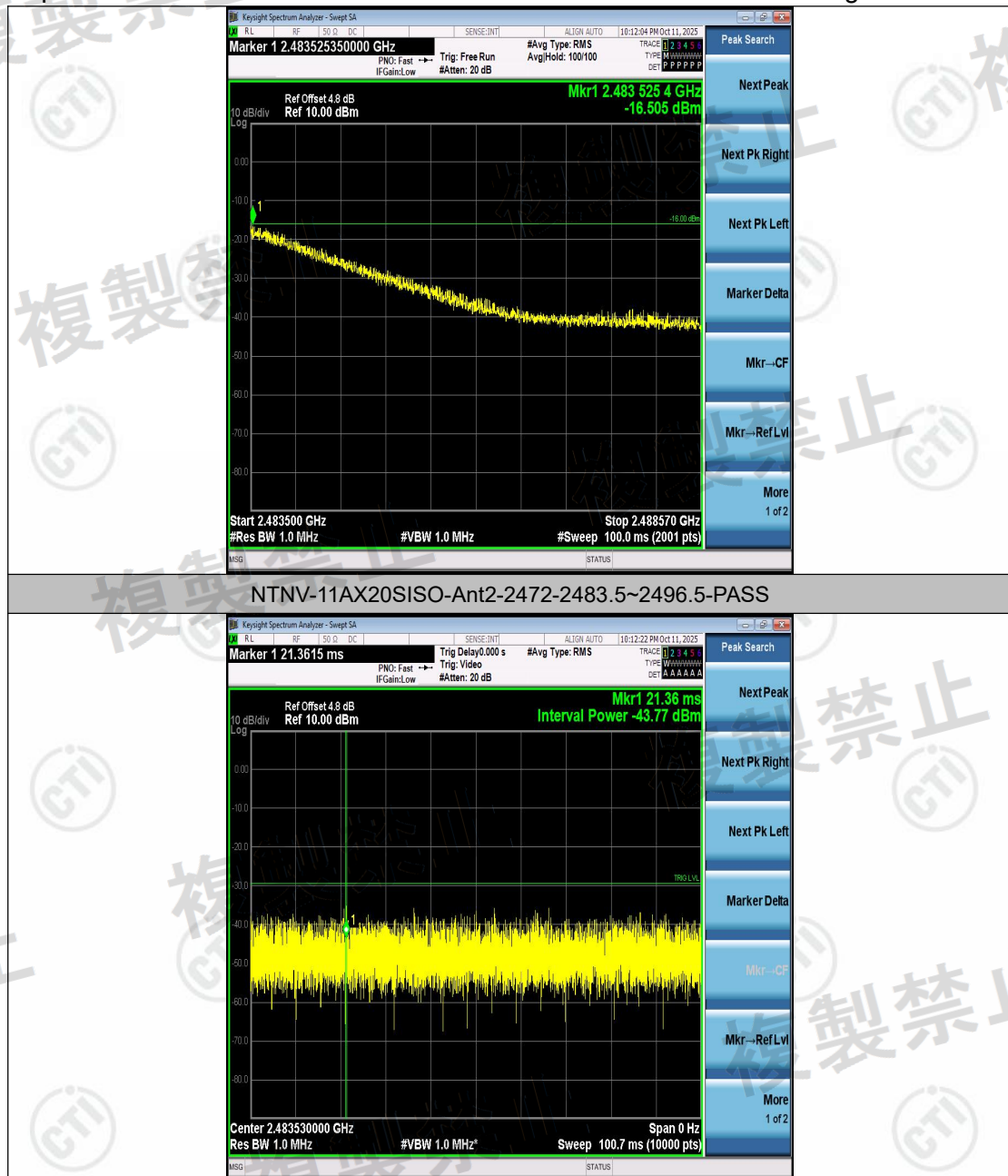
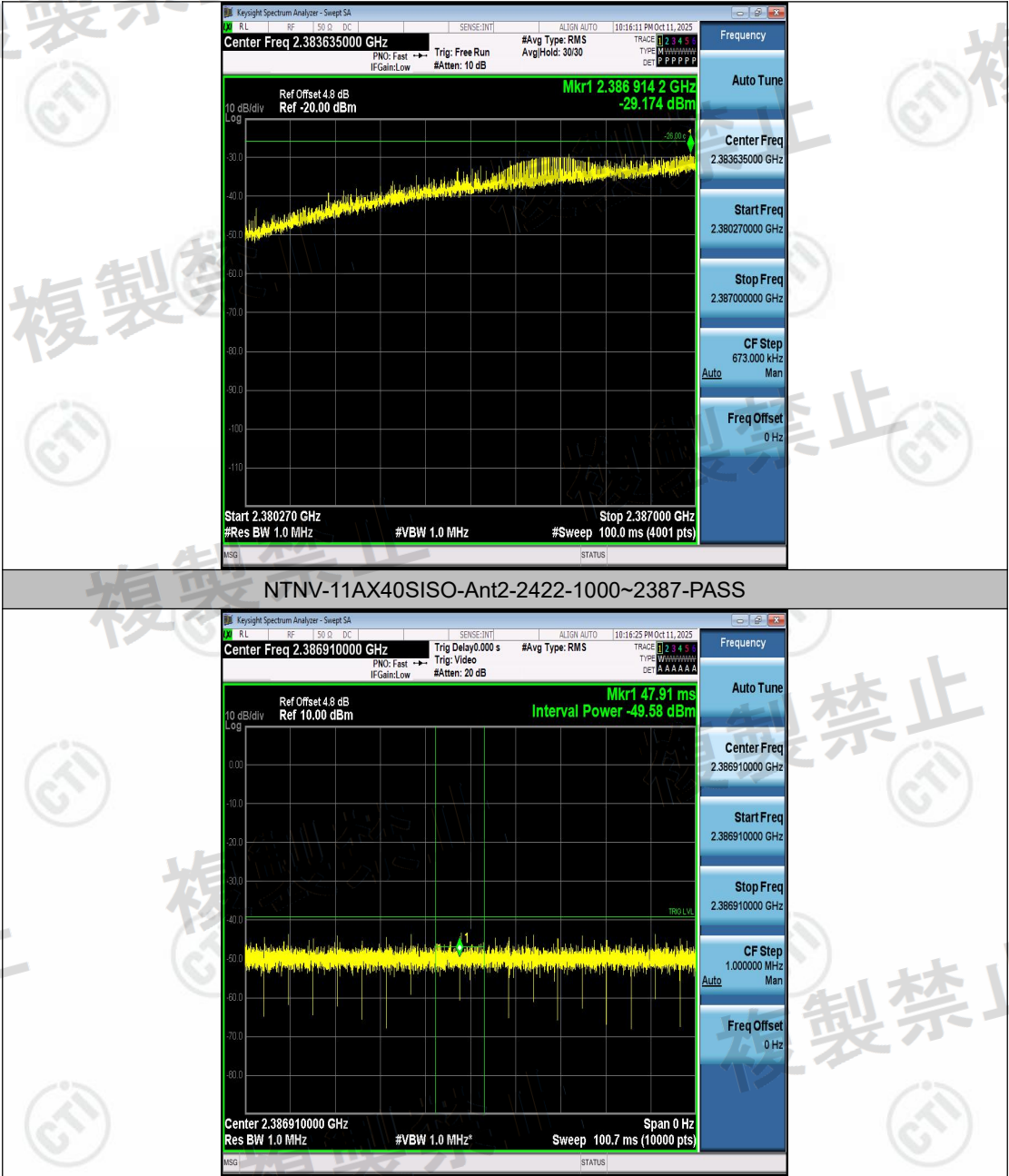
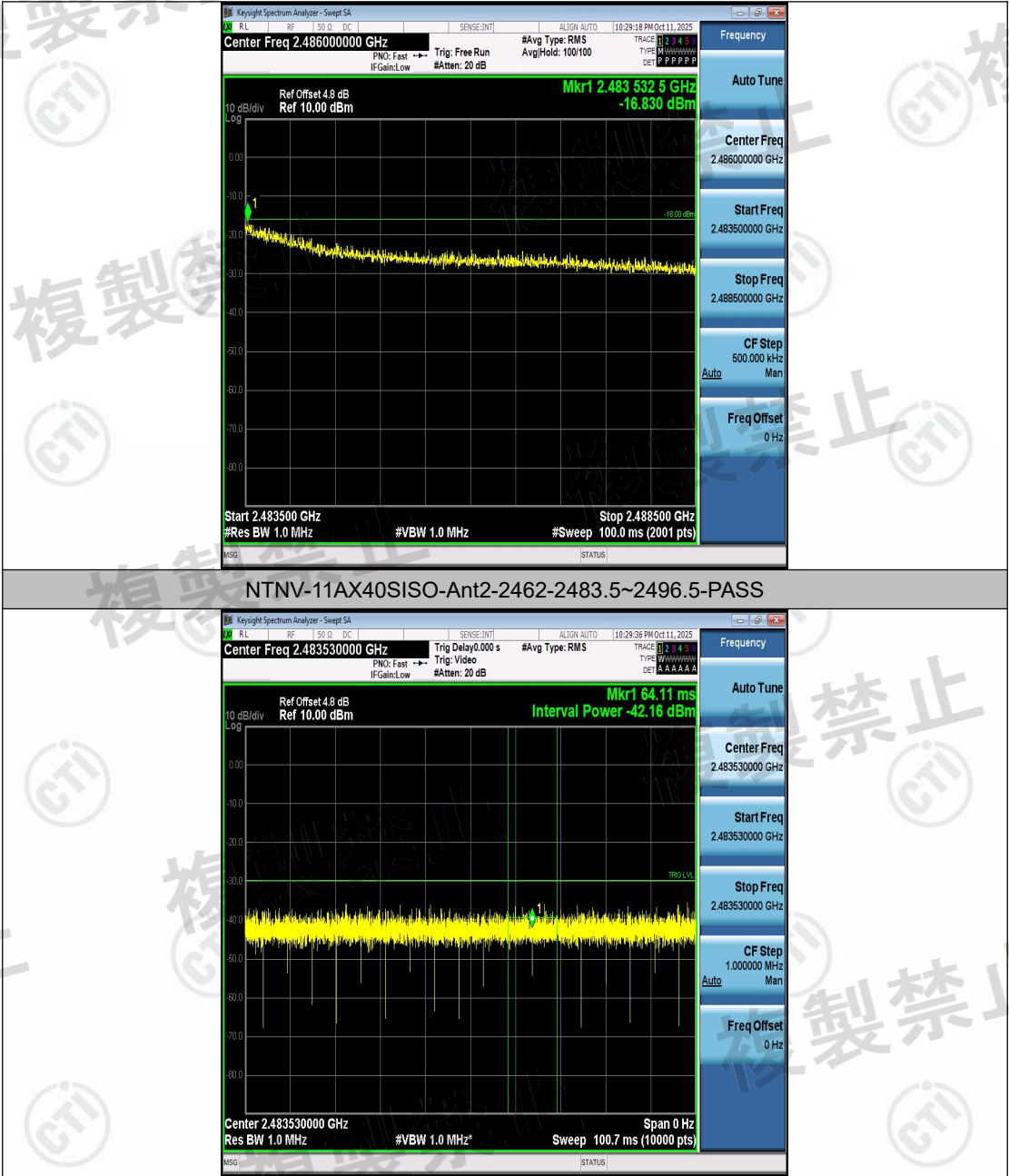












Appendix F: Secondary Radiated Emission Strength

Test Result

Test Condition	Test Mode	Antenna	Freq [MHz]	Freq.Range [MHz]	Result [MHz]	Result [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2412	30~1000	823.95	-82.18	0.00605	≤4	PASS
NTNV	11B	Ant2	2412	30~1000	895.73	-89.00	0.00126	≤4	PASS
NTNV	11B	Ant1	2412	1000~12500	3852.00	-72.50	0.05623	≤20	PASS
NTNV	11B	Ant2	2412	1000~12500	9155.23	-73.07	0.04932	≤20	PASS
NTNV	11B	Ant1	2442	30~1000	903.97	-88.74	0.00134	≤4	PASS
NTNV	11B	Ant2	2442	30~1000	851.11	-87.74	0.00168	≤4	PASS
NTNV	11B	Ant1	2442	1000~12500	3860.63	-72.93	0.05093	≤20	PASS
NTNV	11B	Ant2	2442	1000~12500	3810.60	-72.65	0.05433	≤20	PASS
NTNV	11B	Ant1	2472	30~1000	874.87	-89.41	0.00115	≤4	PASS
NTNV	11B	Ant2	2472	30~1000	866.14	-89.85	0.00104	≤4	PASS
NTNV	11B	Ant1	2472	1000~12500	3915.83	-72.15	0.06095	≤20	PASS
NTNV	11B	Ant2	2472	1000~12500	3786.45	-73.03	0.04977	≤20	PASS
NTNV	11G	Ant1	2412	30~1000	905.91	-88.53	0.00140	≤4	PASS
NTNV	11G	Ant2	2412	30~1000	899.61	-89.26	0.00119	≤4	PASS
NTNV	11G	Ant1	2412	1000~12500	1921.73	-71.83	0.06561	≤20	PASS
NTNV	11G	Ant2	2412	1000~12500	3773.23	-73.15	0.04842	≤20	PASS
NTNV	11G	Ant1	2442	30~1000	762.35	-89.55	0.00111	≤4	PASS
NTNV	11G	Ant2	2442	30~1000	839.95	-89.90	0.00102	≤4	PASS
NTNV	11G	Ant1	2442	1000~12500	3889.38	-73.50	0.04467	≤20	PASS
NTNV	11G	Ant2	2442	1000~12500	2436.35	-67.92	0.16144	≤20	PASS
NTNV	11G	Ant1	2472	30~1000	952.47	-89.71	0.00107	≤4	PASS
NTNV	11G	Ant2	2472	30~1000	702.70	-89.15	0.00122	≤4	PASS
NTNV	11G	Ant1	2472	1000~12500	3869.83	-73.20	0.04786	≤20	PASS
NTNV	11G	Ant2	2472	1000~12500	2437.50	-70.70	0.08511	≤20	PASS
NTNV	11N20MI MO	Ant1	2412	30~1000	770.60	-88.95	0.00127	≤4	PASS
NTNV	11N20MI MO	Ant2	2412	30~1000	892.82	-89.25	0.00119	≤4	PASS
NTNV	11N20MI MO	total	2412	30~1000	---	---	0.00246	≤4	PASS
NTNV	11N20MI MO	Ant1	2412	1000~12500	3785.30	-73.06	0.04943	≤20	PASS
NTNV	11N20MI MO	Ant2	2412	1000~12500	3753.10	-73.04	0.04966	≤20	PASS
NTNV	11N20MI MO	total	2412	1000~12500	---	---	0.09909	≤20	PASS

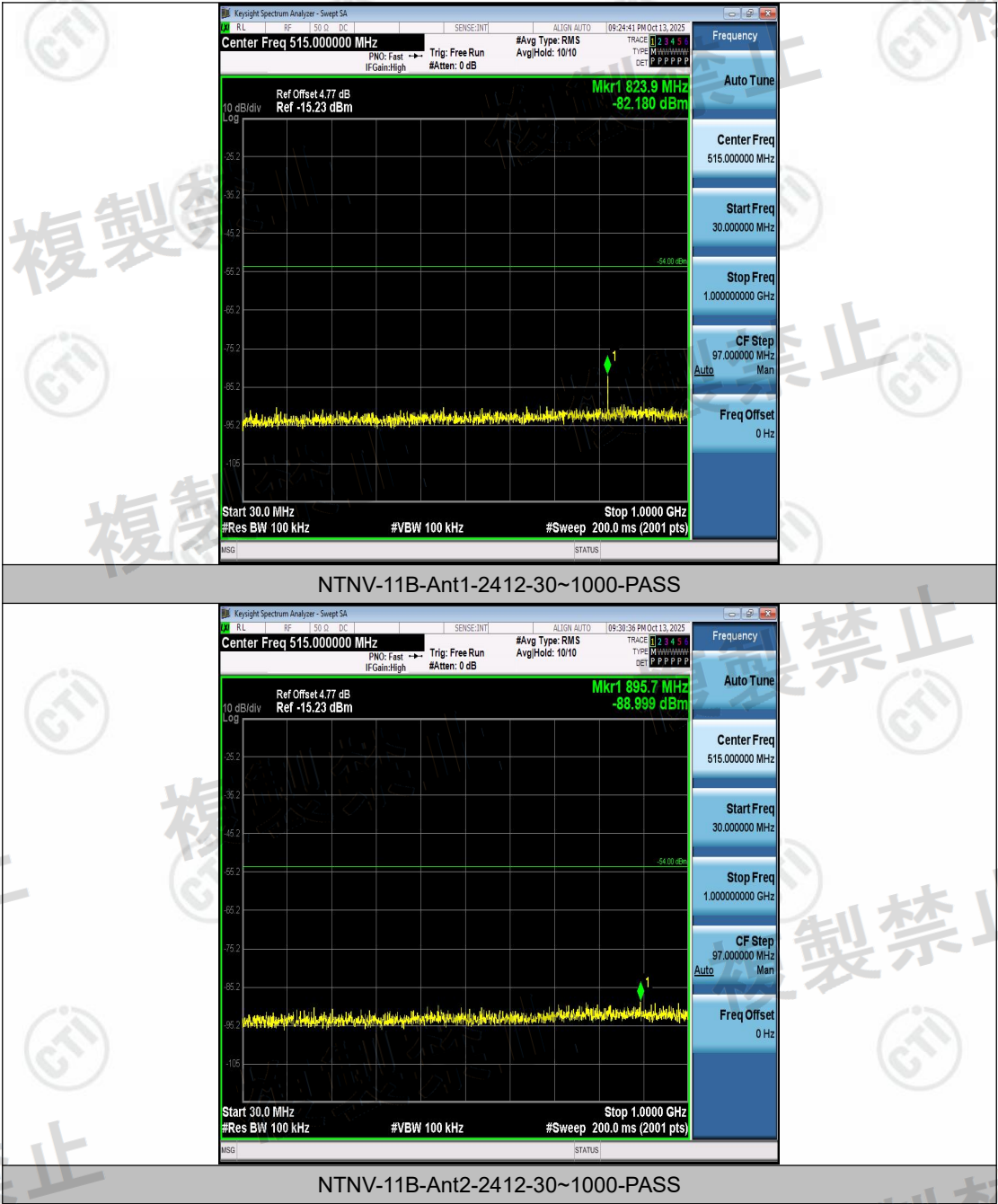
NTNV	11N20MI MO	Ant1	2442	30~1000	893.79	-88.74	0.00134	≤4	PASS
NTNV	11N20MI MO	Ant2	2442	30~1000	884.57	-89.65	0.00108	≤4	PASS
NTNV	11N20MI MO	total	2442	30~1000	---	---	0.00242	≤4	PASS
NTNV	11N20MI MO	Ant1	2442	1000~12500	8977.55	-72.73	0.05333	≤20	PASS
NTNV	11N20MI MO	Ant2	2442	1000~12500	2436.35	-71.42	0.07211	≤20	PASS
NTNV	11N20MI MO	total	2442	1000~12500	---	---	0.12544	≤20	PASS
NTNV	11N20MI MO	Ant1	2472	30~1000	755.56	-89.26	0.00119	≤4	PASS
NTNV	11N20MI MO	Ant2	2472	30~1000	487.36	-89.49	0.00112	≤4	PASS
NTNV	11N20MI MO	total	2472	30~1000	---	---	0.00231	≤4	PASS
NTNV	11N20MI MO	Ant1	2472	1000~12500	4731.75	-73.44	0.04529	≤20	PASS
NTNV	11N20MI MO	Ant2	2472	1000~12500	3734.13	-72.97	0.05047	≤20	PASS
NTNV	11N20MI MO	total	2472	1000~12500	---	---	0.09576	≤20	PASS
NTNV	11N40MI MO	Ant1	2422	30~1000	859.84	-89.06	0.00124	≤4	PASS
NTNV	11N40MI MO	Ant2	2422	30~1000	847.71	-89.26	0.00119	≤4	PASS
NTNV	11N40MI MO	total	2422	30~1000	---	---	0.00243	≤4	PASS
NTNV	11N40MI MO	Ant1	2422	1000~12500	3760.00	-73.02	0.04989	≤20	PASS
NTNV	11N40MI MO	Ant2	2422	1000~12500	3842.23	-73.89	0.04083	≤20	PASS
NTNV	11N40MI MO	total	2422	1000~12500	---	---	0.09072	≤20	PASS
NTNV	11N40MI MO	Ant1	2442	30~1000	969.45	-89.34	0.00116	≤4	PASS
NTNV	11N40MI MO	Ant2	2442	30~1000	944.71	-89.46	0.00113	≤4	PASS
NTNV	11N40MI MO	total	2442	30~1000	---	---	0.00229	≤4	PASS

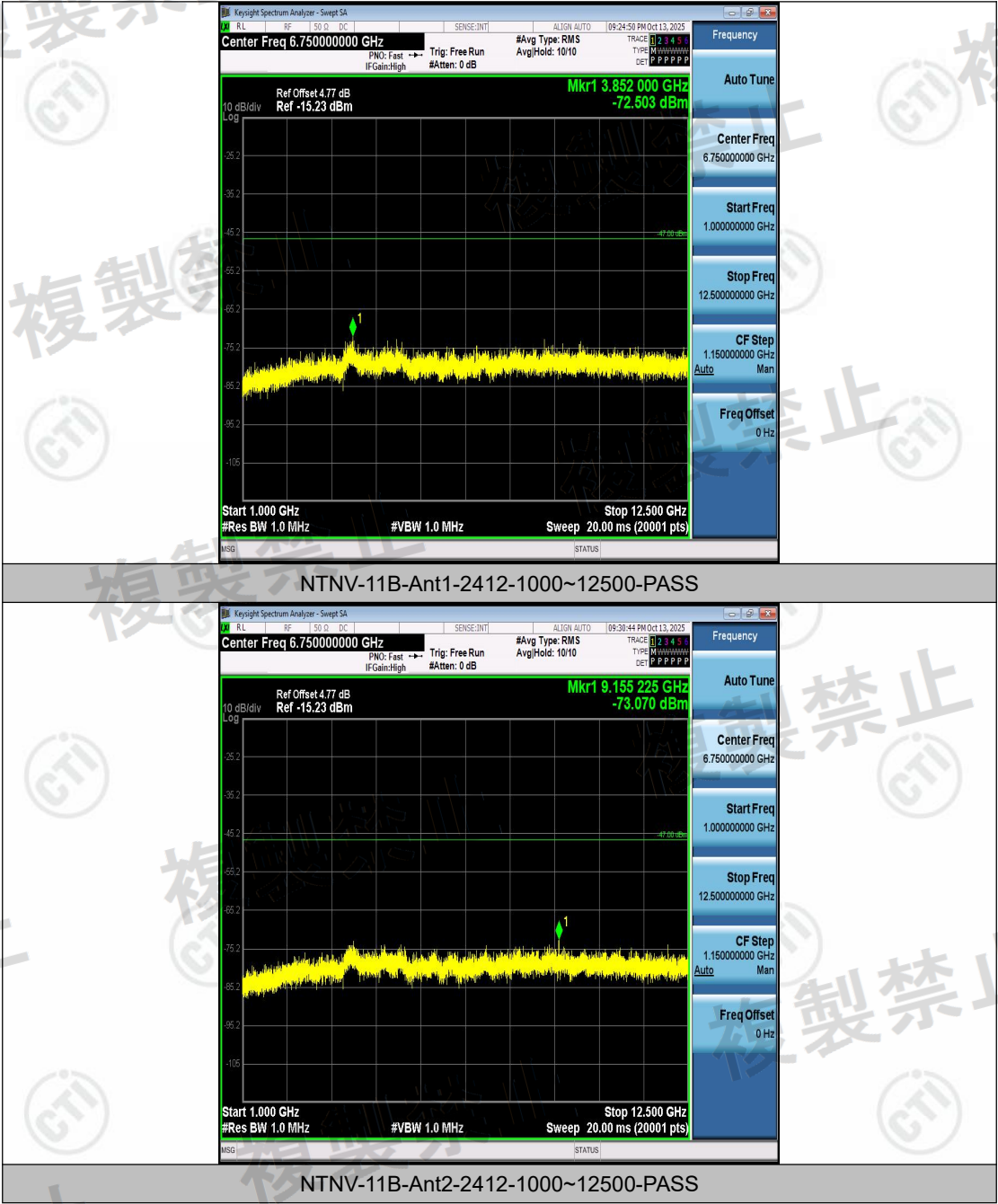
NTNV	11N40MI MO	Ant1	2442	1000~12500	3755.98	-73.13	0.04864	≤20	PASS
NTNV	11N40MI MO	Ant2	2442	1000~12500	3659.95	-73.63	0.04335	≤20	PASS
NTNV	11N40MI MO	total	2442	1000~12500	---	---	0.09199	≤20	PASS
NTNV	11N40MI MO	Ant1	2462	30~1000	845.77	-88.91	0.00129	≤4	PASS
NTNV	11N40MI MO	Ant2	2462	30~1000	863.72	-89.41	0.00115	≤4	PASS
NTNV	11N40MI MO	total	2462	30~1000	---	---	0.00244	≤4	PASS
NTNV	11N40MI MO	Ant1	2462	1000~12500	3738.73	-72.76	0.05297	≤20	PASS
NTNV	11N40MI MO	Ant2	2462	1000~12500	3762.30	-73.57	0.04395	≤20	PASS
NTNV	11N40MI MO	total	2462	1000~12500	---	---	0.09692	≤20	PASS
NTNV	11AX20M IMO	Ant1	2412	30~1000	735.68	-89.14	0.00122	≤4	PASS
NTNV	11AX20M IMO	Ant2	2412	30~1000	768.17	-88.87	0.00130	≤4	PASS
NTNV	11AX20M IMO	total	2412	30~1000	---	---	0.00252	≤4	PASS
NTNV	11AX20M IMO	Ant1	2412	1000~12500	3777.25	-72.56	0.05546	≤20	PASS
NTNV	11AX20M IMO	Ant2	2412	1000~12500	1766.48	-68.01	0.15812	≤20	PASS
NTNV	11AX20M IMO	total	2412	1000~12500	---	---	0.21358	≤20	PASS
NTNV	11AX20M IMO	Ant1	2442	30~1000	968.48	-89.41	0.00115	≤4	PASS
NTNV	11AX20M IMO	Ant2	2442	30~1000	767.69	-89.11	0.00123	≤4	PASS
NTNV	11AX20M IMO	total	2442	30~1000	---	---	0.00238	≤4	PASS
NTNV	11AX20M IMO	Ant1	2442	1000~12500	3875.00	-73.72	0.04246	≤20	PASS
NTNV	11AX20M IMO	Ant2	2442	1000~12500	8089.18	-73.25	0.04732	≤20	PASS
NTNV	11AX20M IMO	total	2442	1000~12500	---	---	0.08978	≤20	PASS

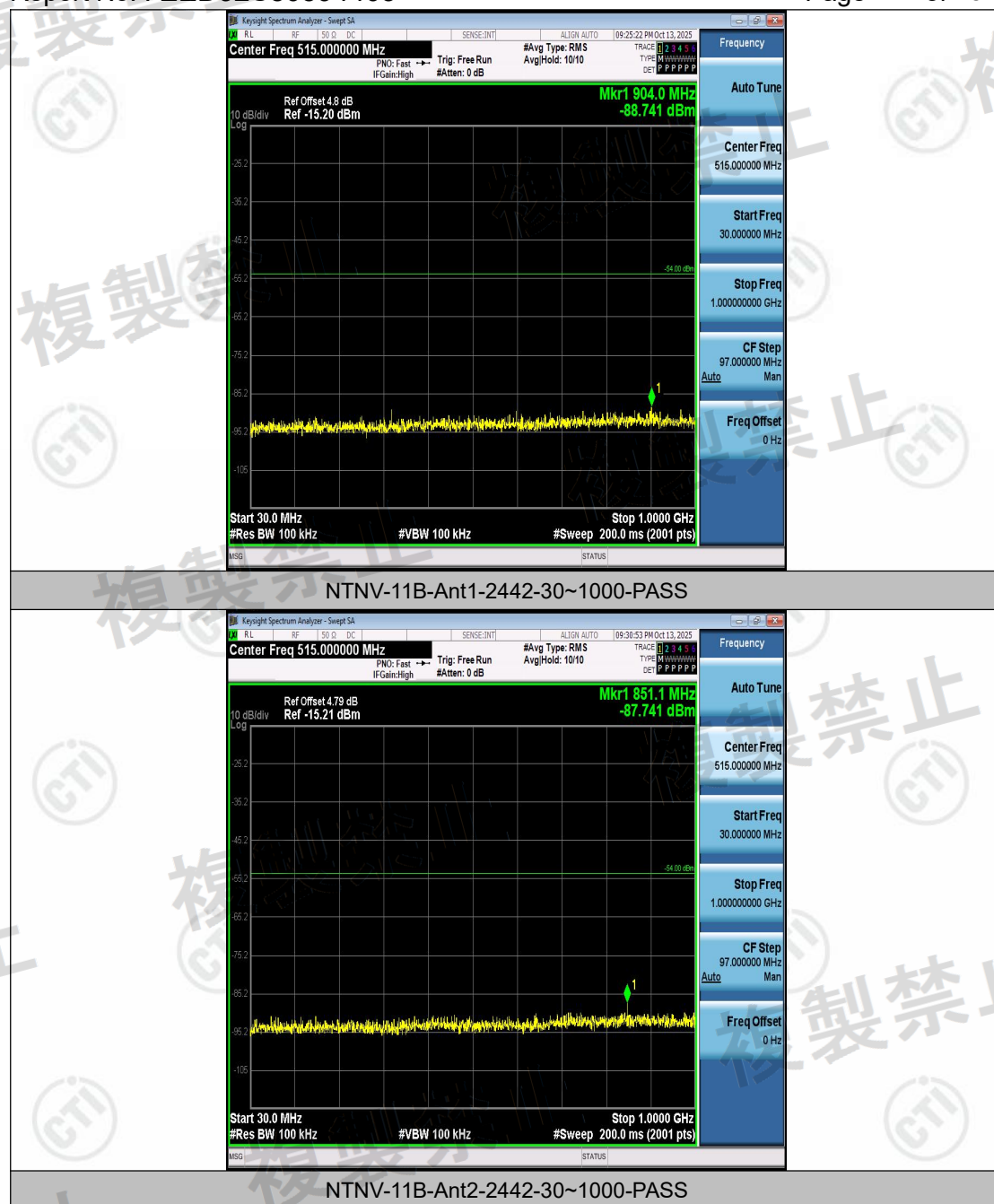
NTNV	11AX20M IMO	Ant1	2472	30~1000	745.86	-89.44	0.00114	≤4	PASS
NTNV	11AX20M IMO	Ant2	2472	30~1000	857.41	-89.54	0.00111	≤4	PASS
NTNV	11AX20M IMO	total	2472	30~1000	---	---	0.00225	≤4	PASS
NTNV	11AX20M IMO	Ant1	2472	1000~12500	3741.03	-73.13	0.04864	≤20	PASS
NTNV	11AX20M IMO	Ant2	2472	1000~12500	3855.45	-73.33	0.04645	≤20	PASS
NTNV	11AX20M IMO	total	2472	1000~12500	---	---	0.09509	≤20	PASS
NTNV	11AX40M IMO	Ant1	2422	30~1000	989.33	-89.03	0.00125	≤4	PASS
NTNV	11AX40M IMO	Ant2	2422	30~1000	725.01	-89.02	0.00125	≤4	PASS
NTNV	11AX40M IMO	total	2422	30~1000	---	---	0.00250	≤4	PASS
NTNV	11AX40M IMO	Ant1	2422	1000~12500	3776.10	-73.42	0.04550	≤20	PASS
NTNV	11AX40M IMO	Ant2	2422	1000~12500	2462.23	-72.65	0.05433	≤20	PASS
NTNV	11AX40M IMO	total	2422	1000~12500	---	---	0.09983	≤20	PASS
NTNV	11AX40M IMO	Ant1	2442	30~1000	278.81	-89.48	0.00113	≤4	PASS
NTNV	11AX40M IMO	Ant2	2442	30~1000	596.97	-89.38	0.00115	≤4	PASS
NTNV	11AX40M IMO	total	2442	30~1000	---	---	0.00228	≤4	PASS
NTNV	11AX40M IMO	Ant1	2442	1000~12500	5185.43	-73.57	0.04395	≤20	PASS
NTNV	11AX40M IMO	Ant2	2442	1000~12500	3791.63	-72.75	0.05309	≤20	PASS
NTNV	11AX40M IMO	total	2442	1000~12500	---	---	0.09704	≤20	PASS
NTNV	11AX40M IMO	Ant1	2462	30~1000	822.49	-88.57	0.00139	≤4	PASS
NTNV	11AX40M IMO	Ant2	2462	30~1000	966.05	-88.71	0.00135	≤4	PASS
NTNV	11AX40M IMO	total	2462	30~1000	---	---	0.00274	≤4	PASS

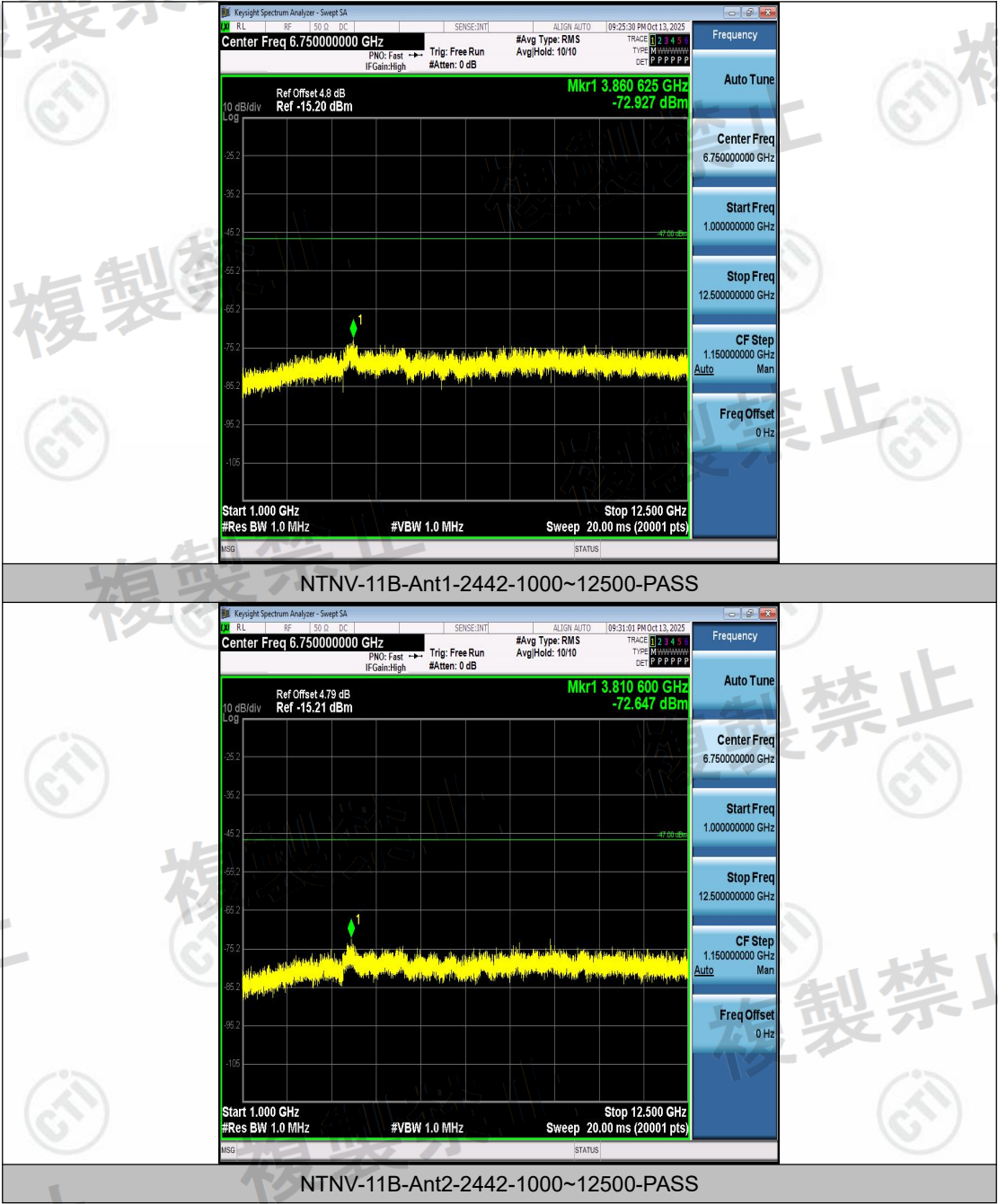
NTNV	11AX40M IMO	Ant1	2462	1000~12500	1939.55	-71.21	0.07568	≤20	PASS
NTNV	11AX40M IMO	Ant2	2462	1000~12500	3766.33	-73.18	0.04808	≤20	PASS
NTNV	11AX40M IMO	total	2462	1000~12500	---	---	0.12376	≤20	PASS

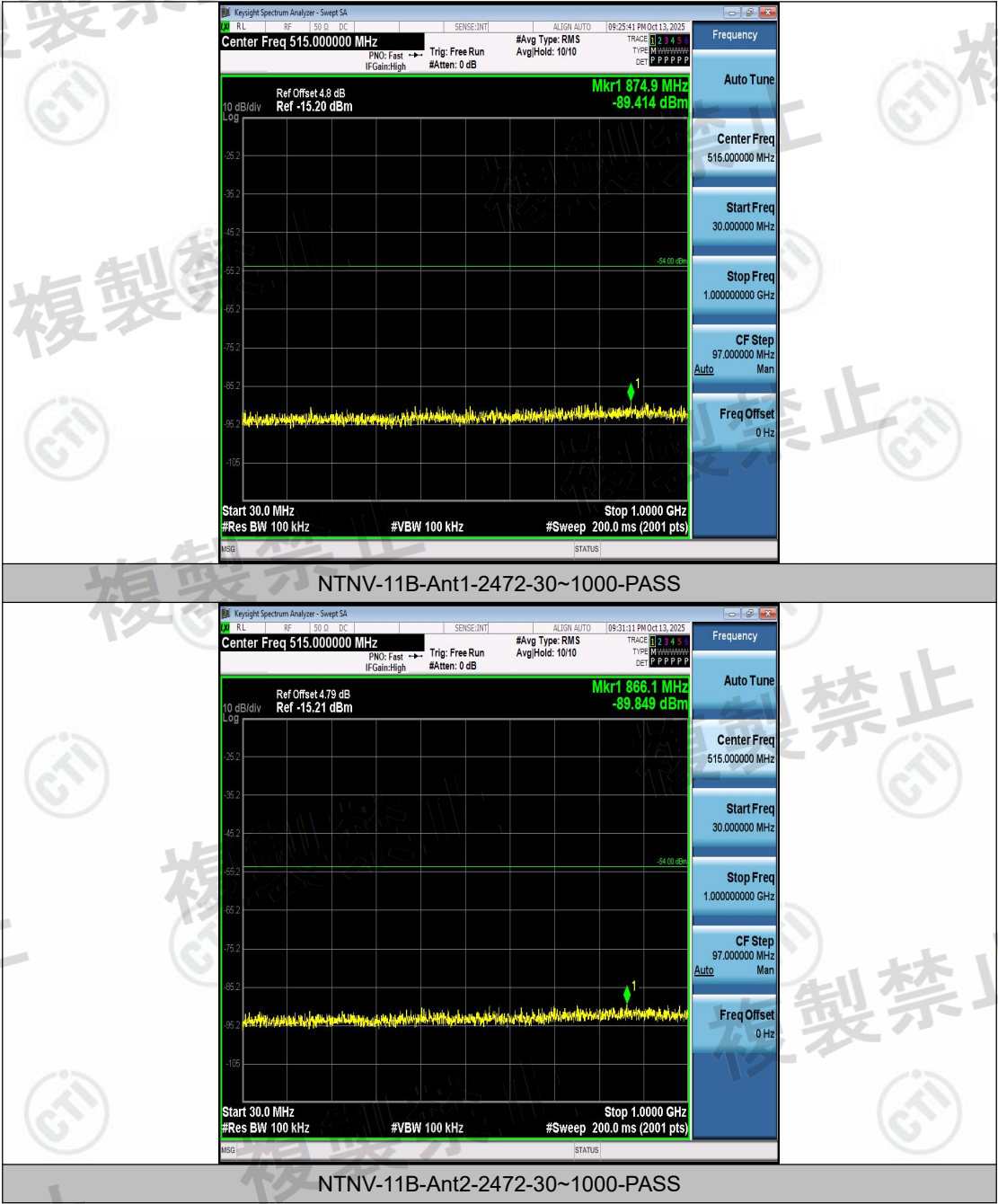
Test Graphs

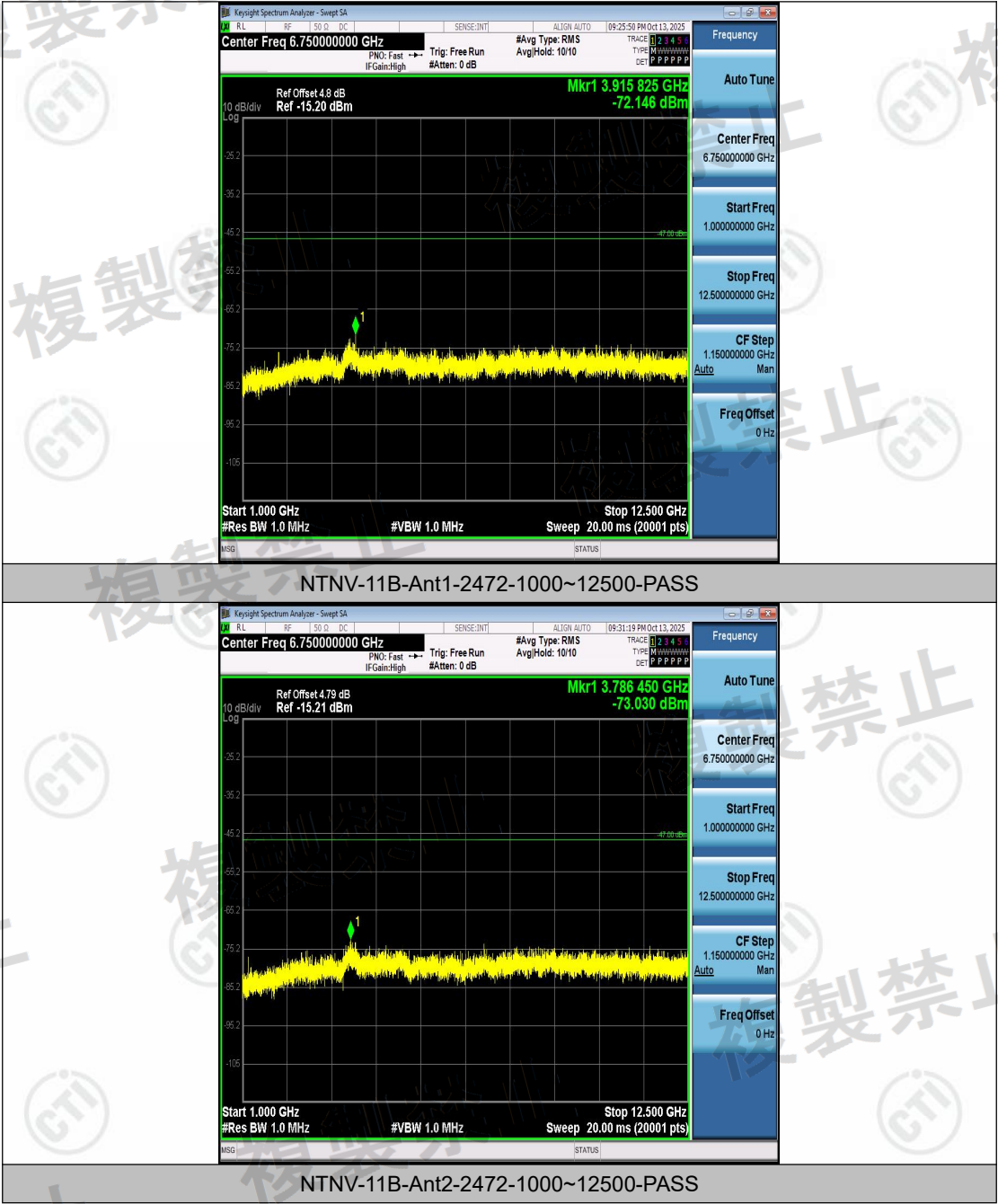


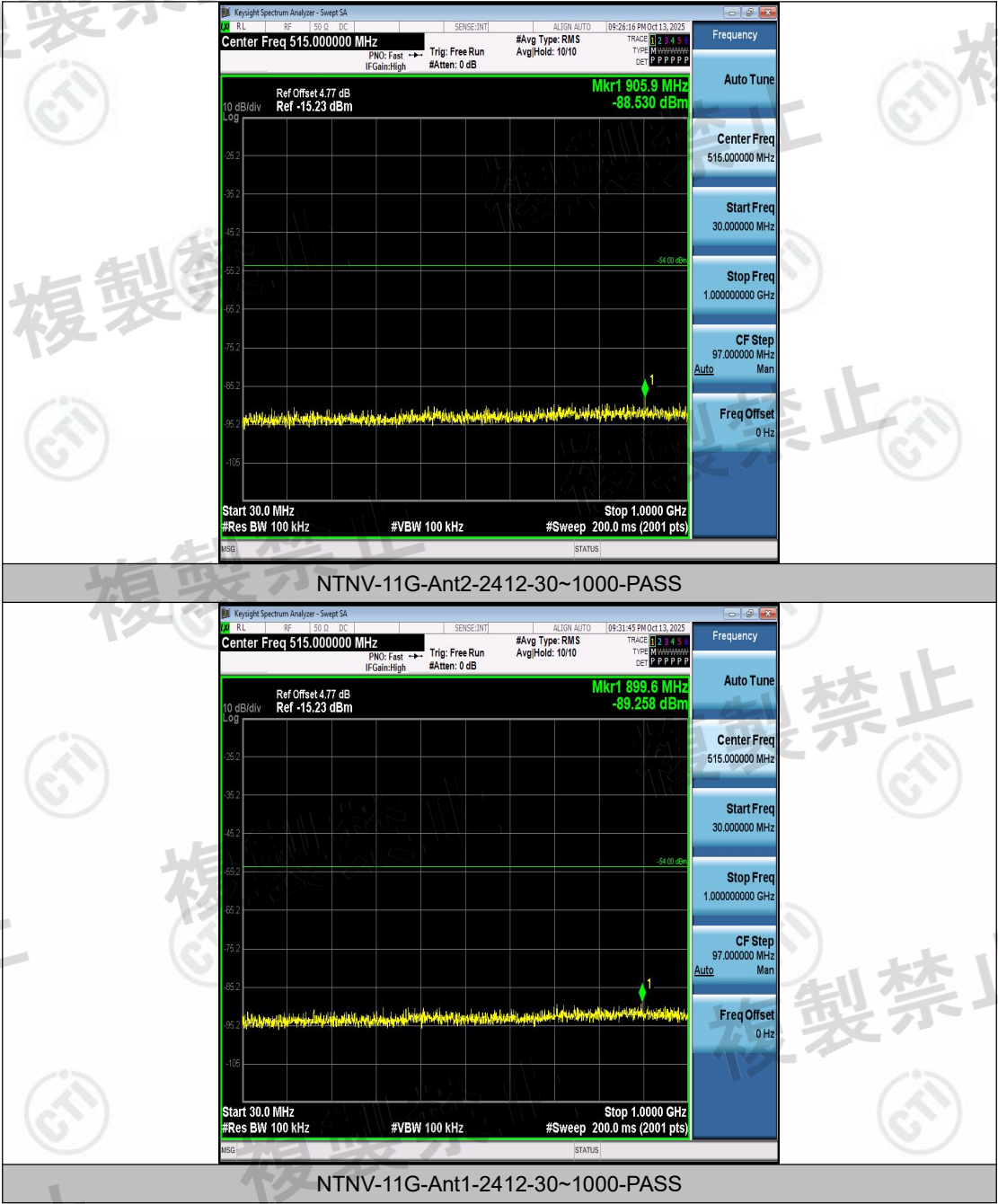


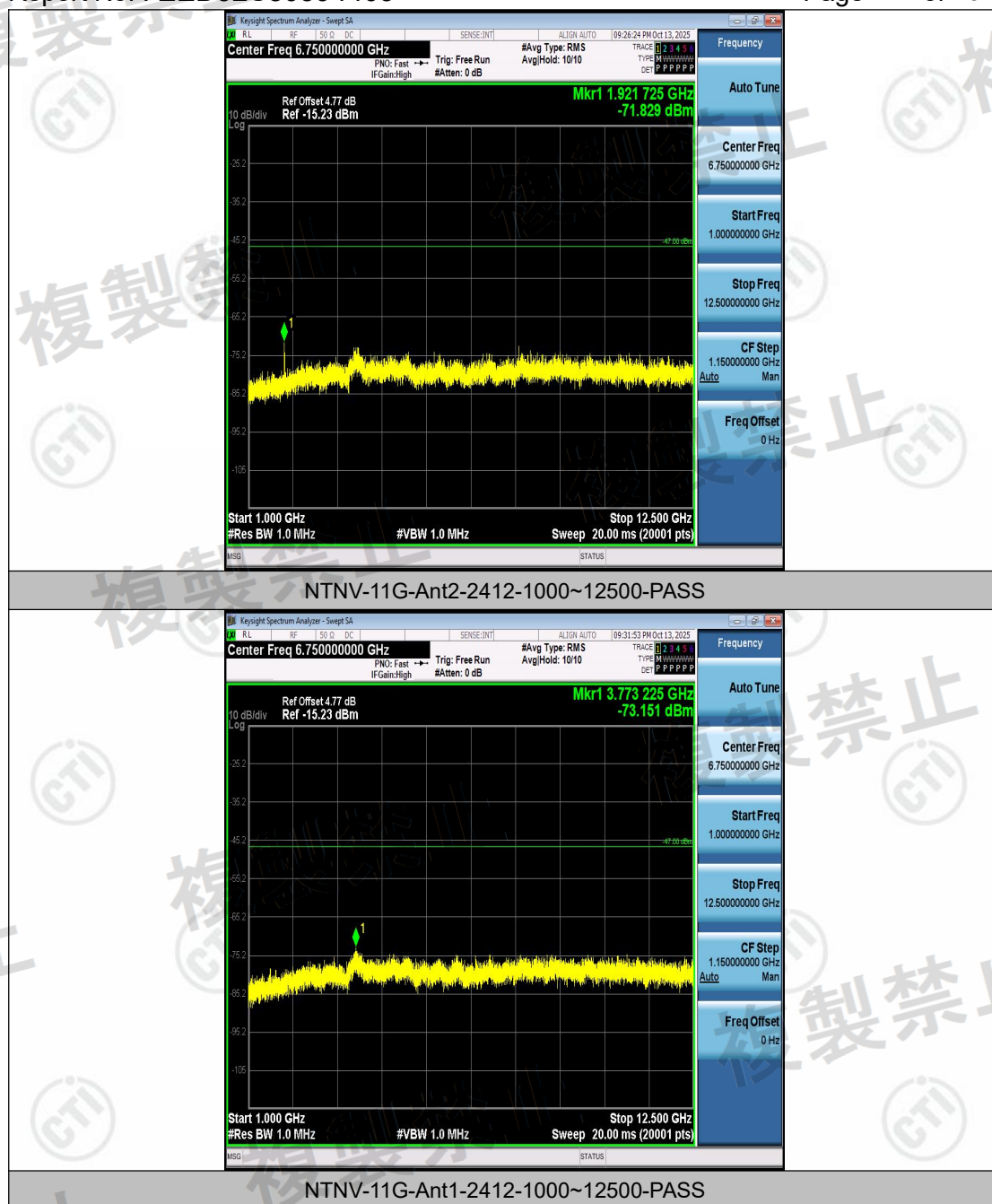


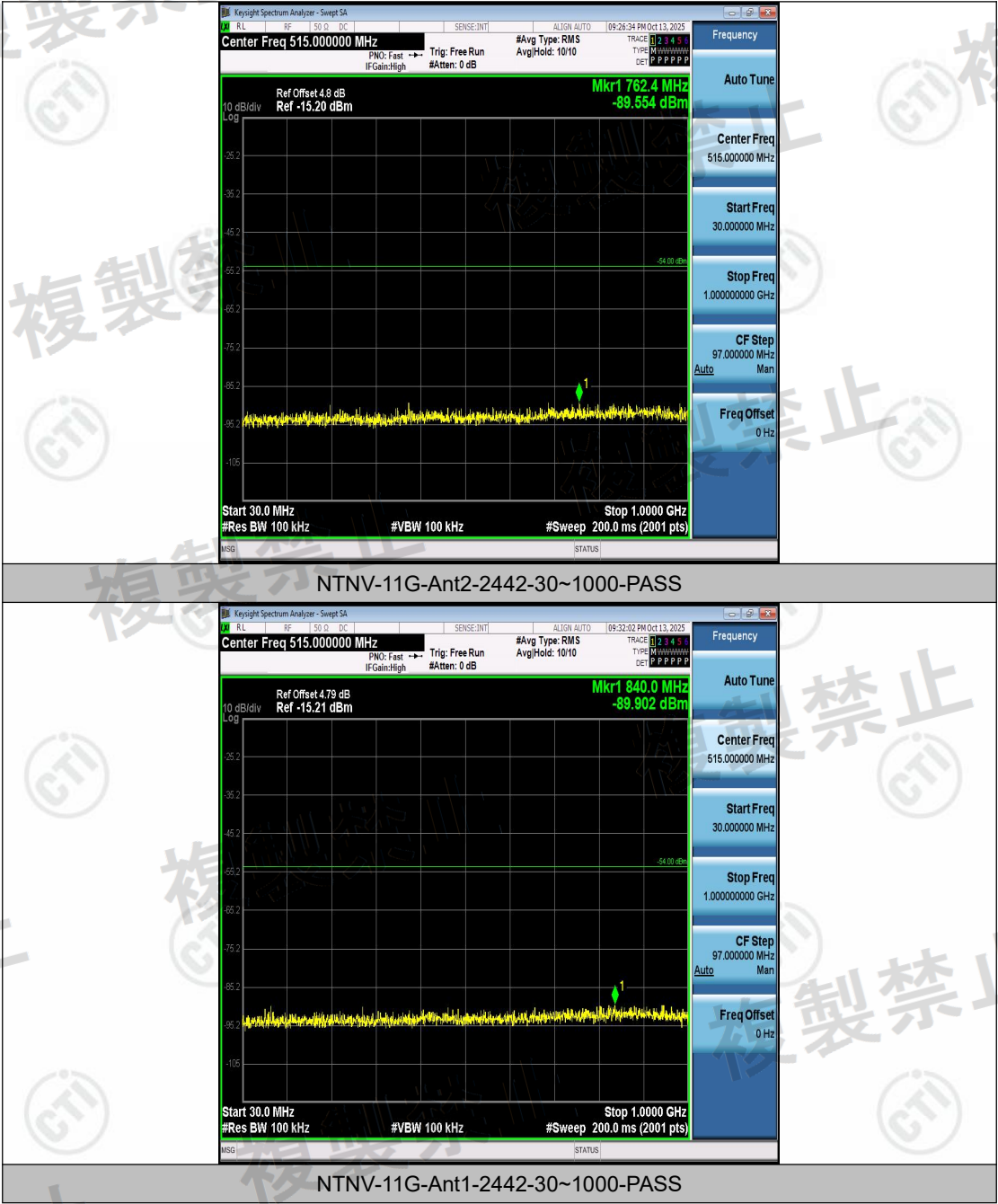


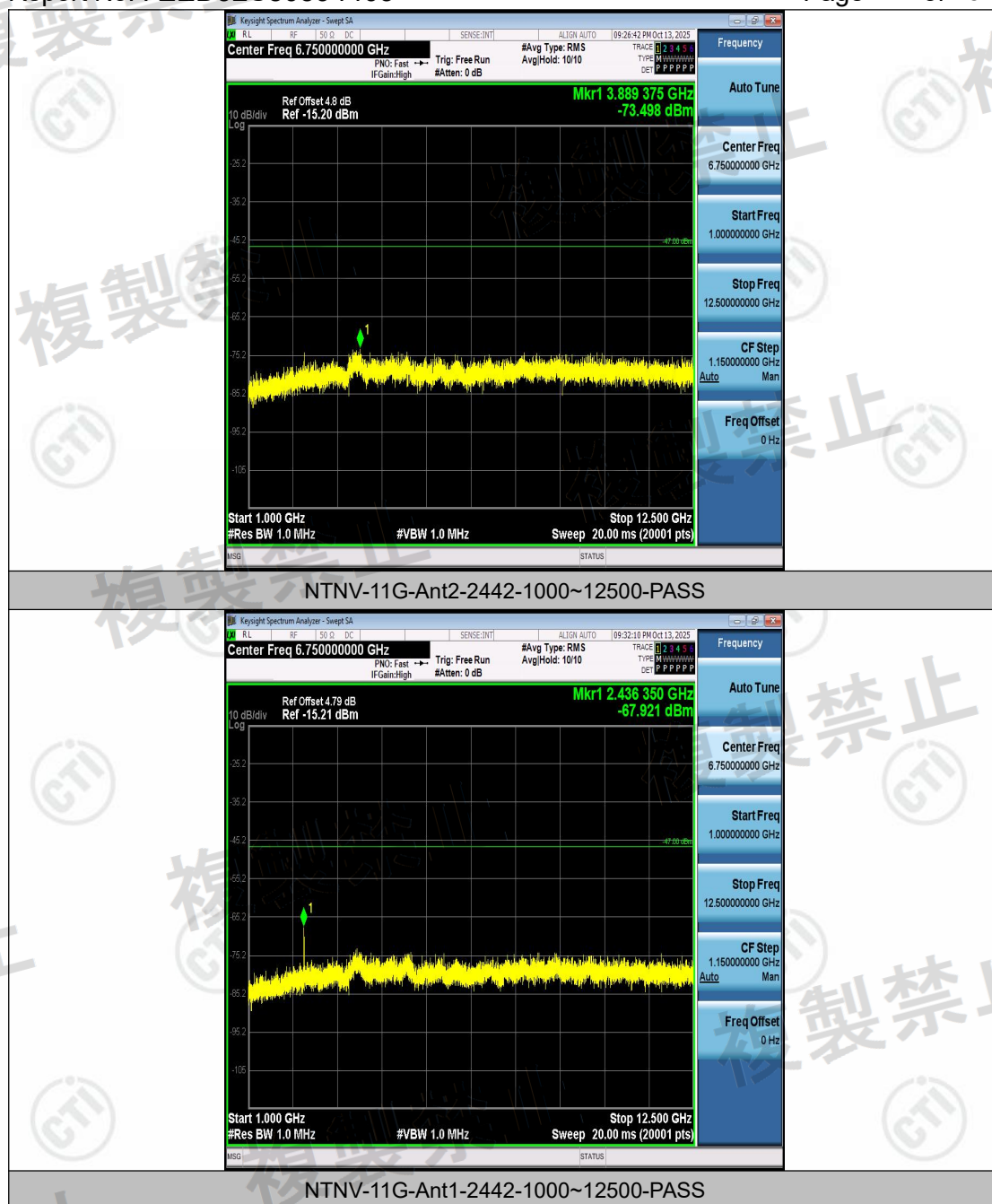


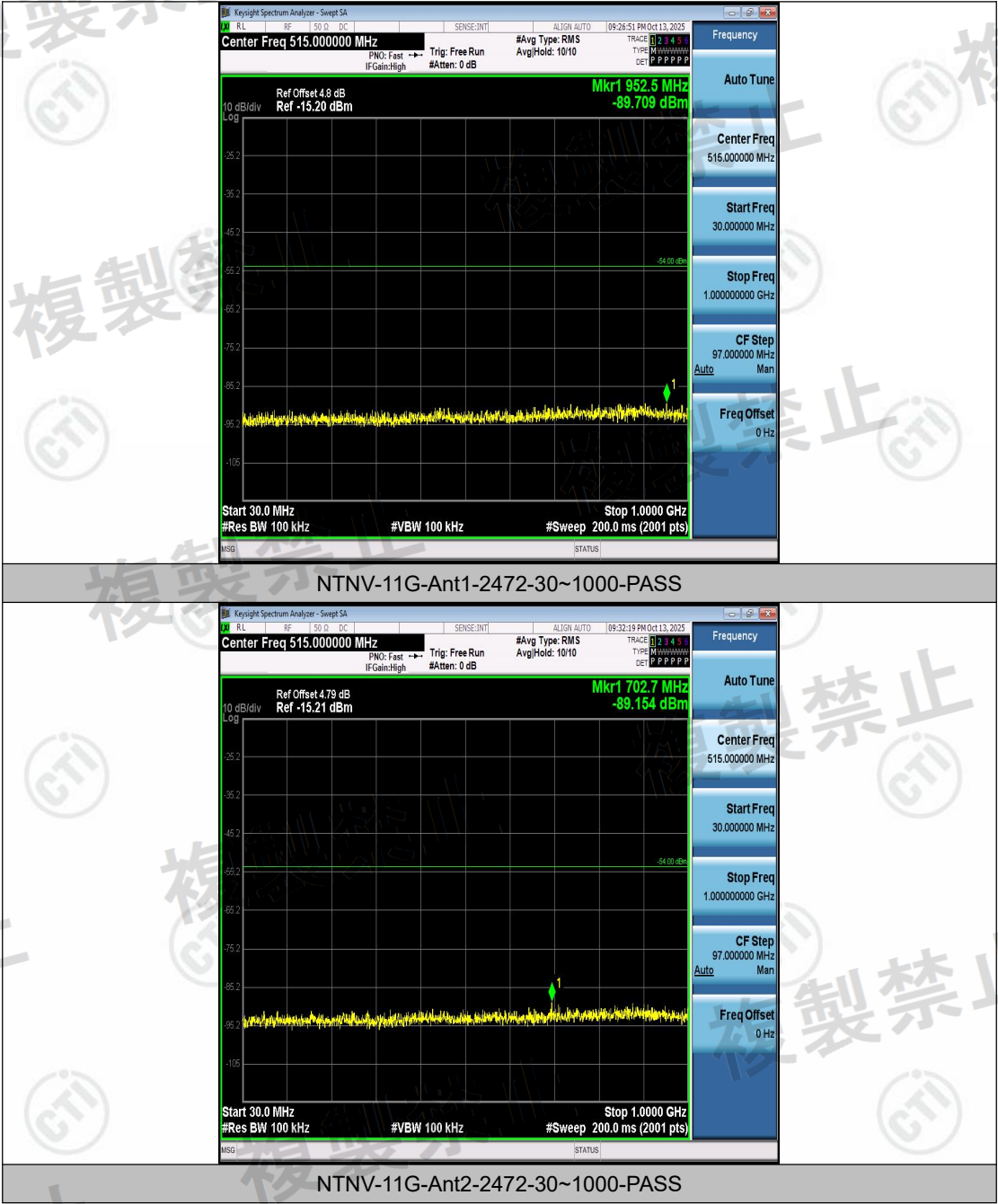


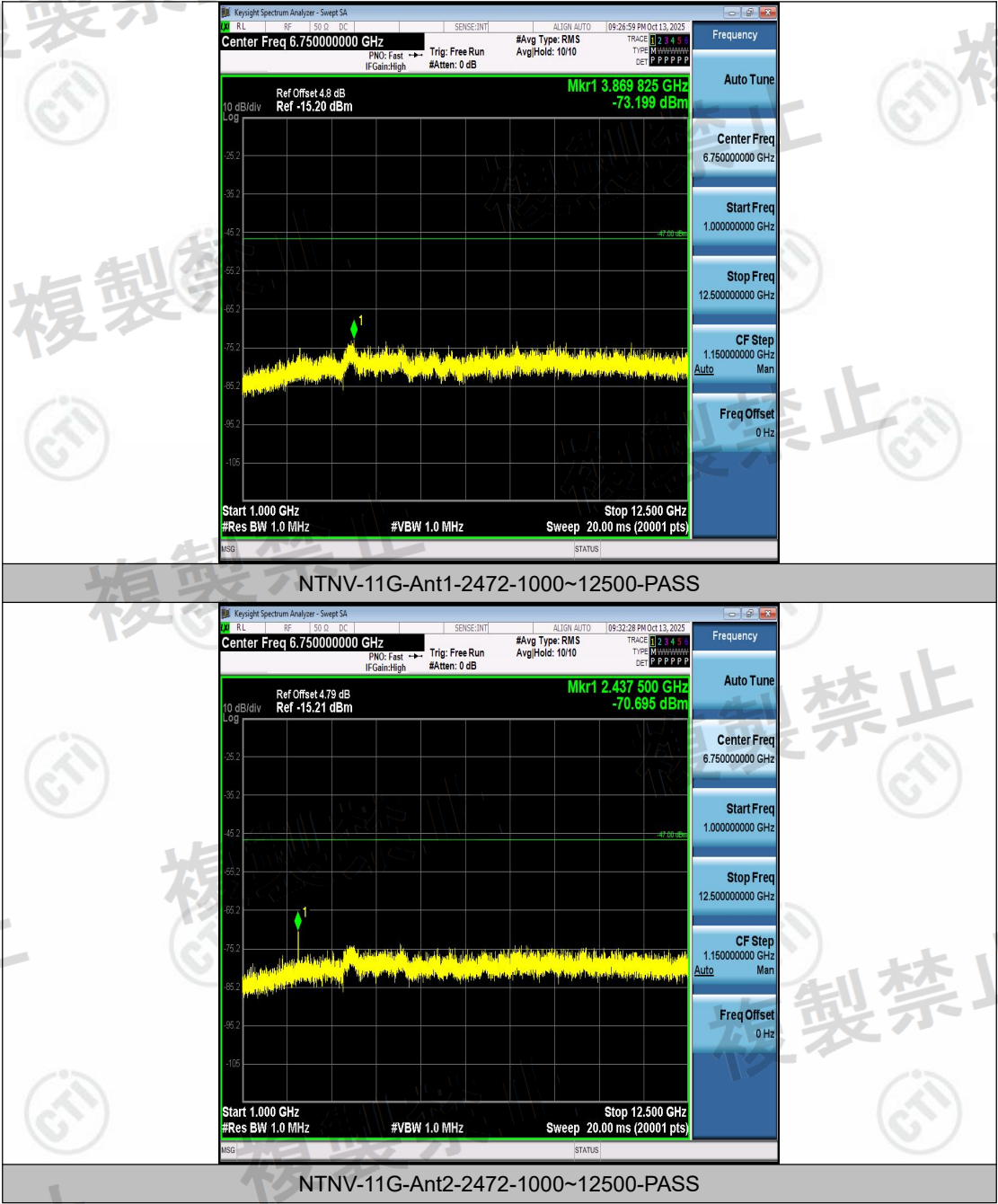


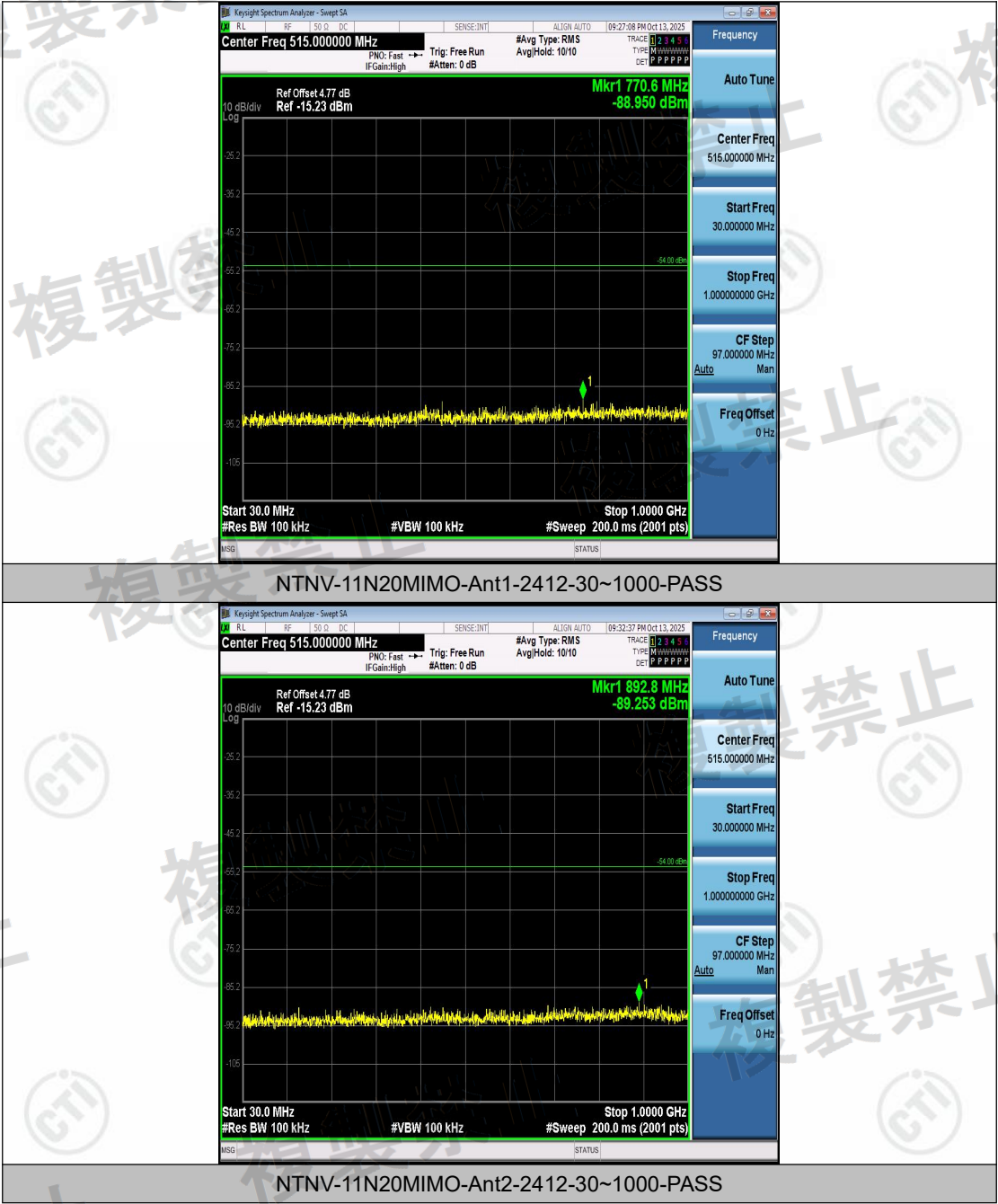


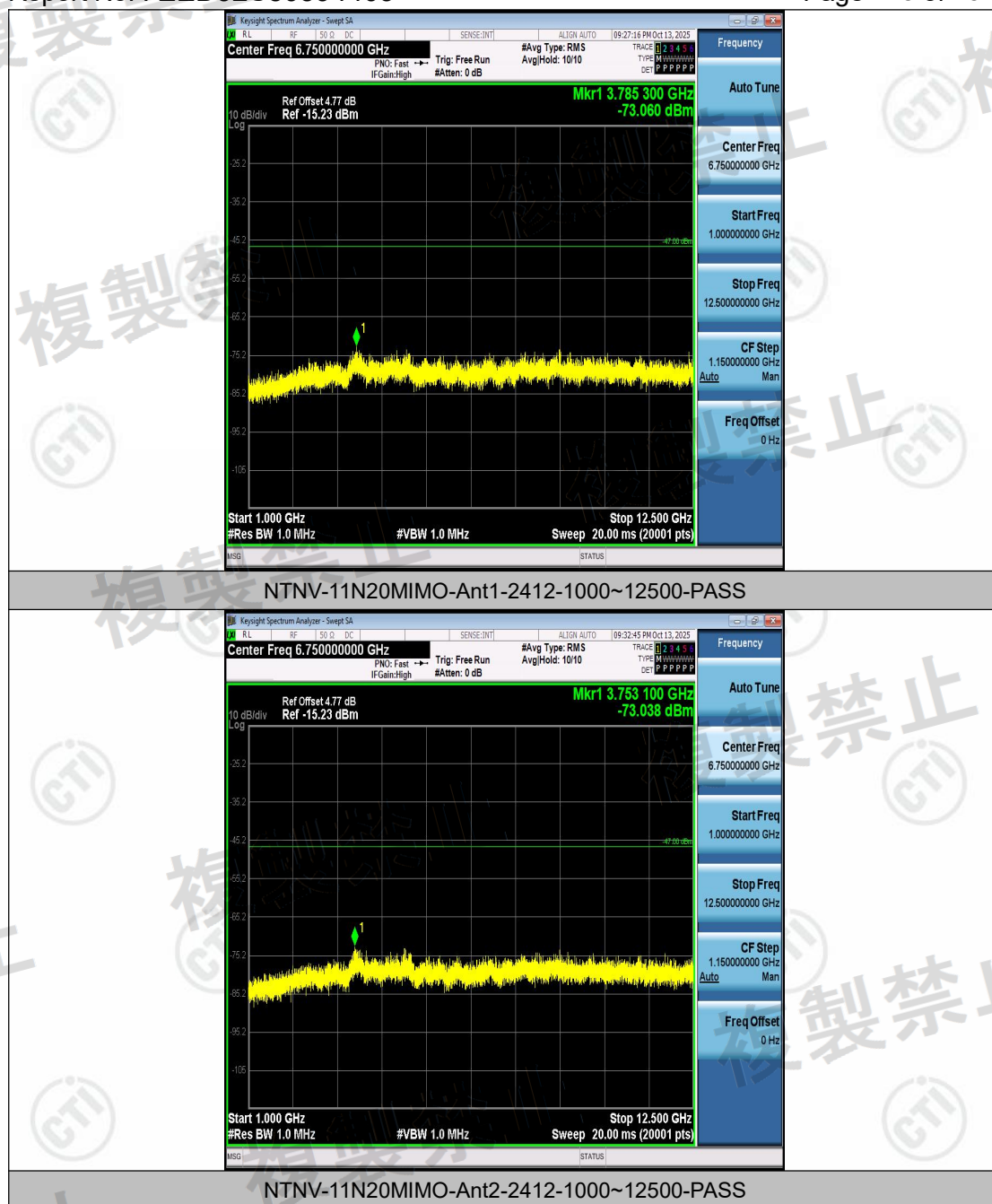


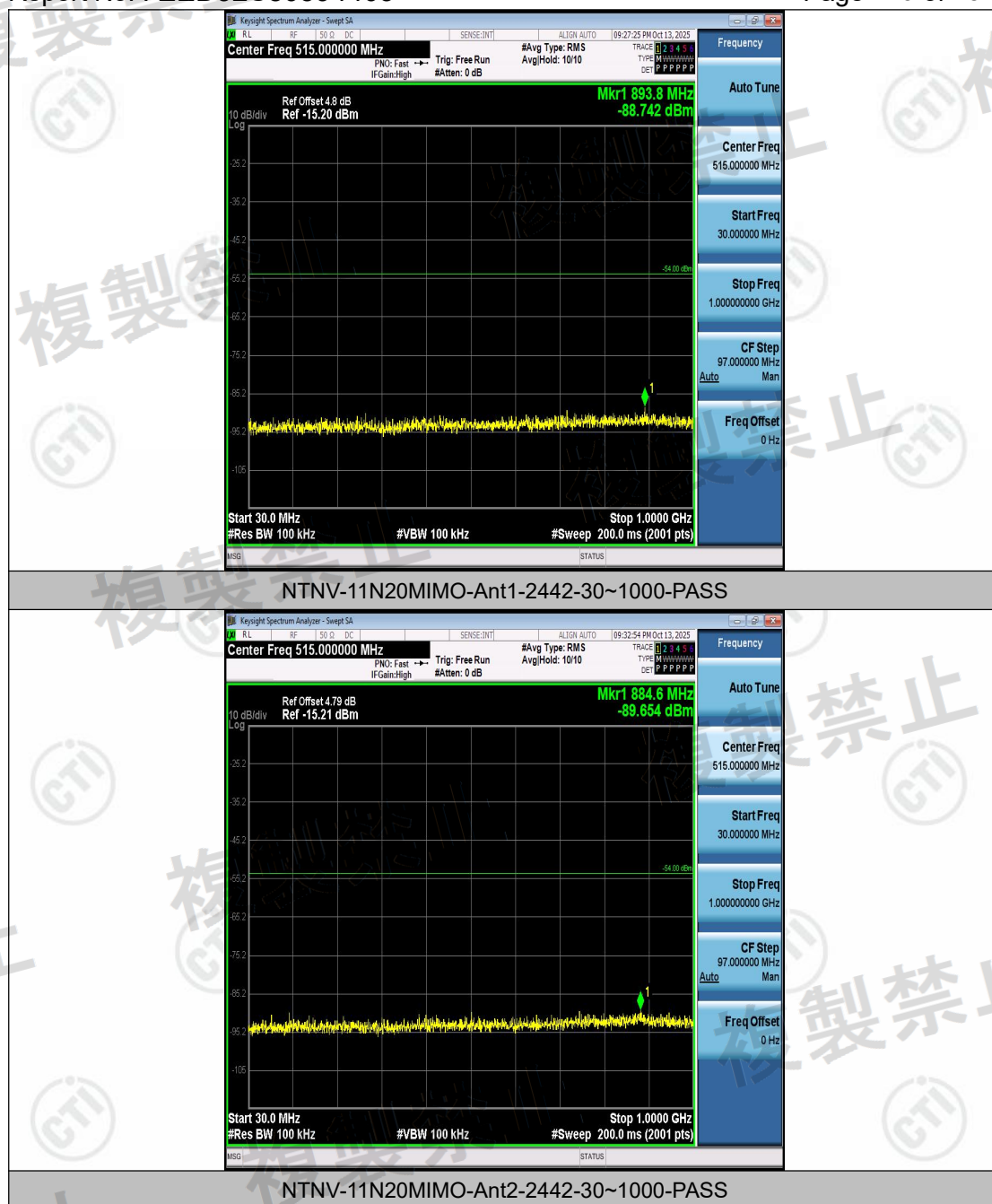


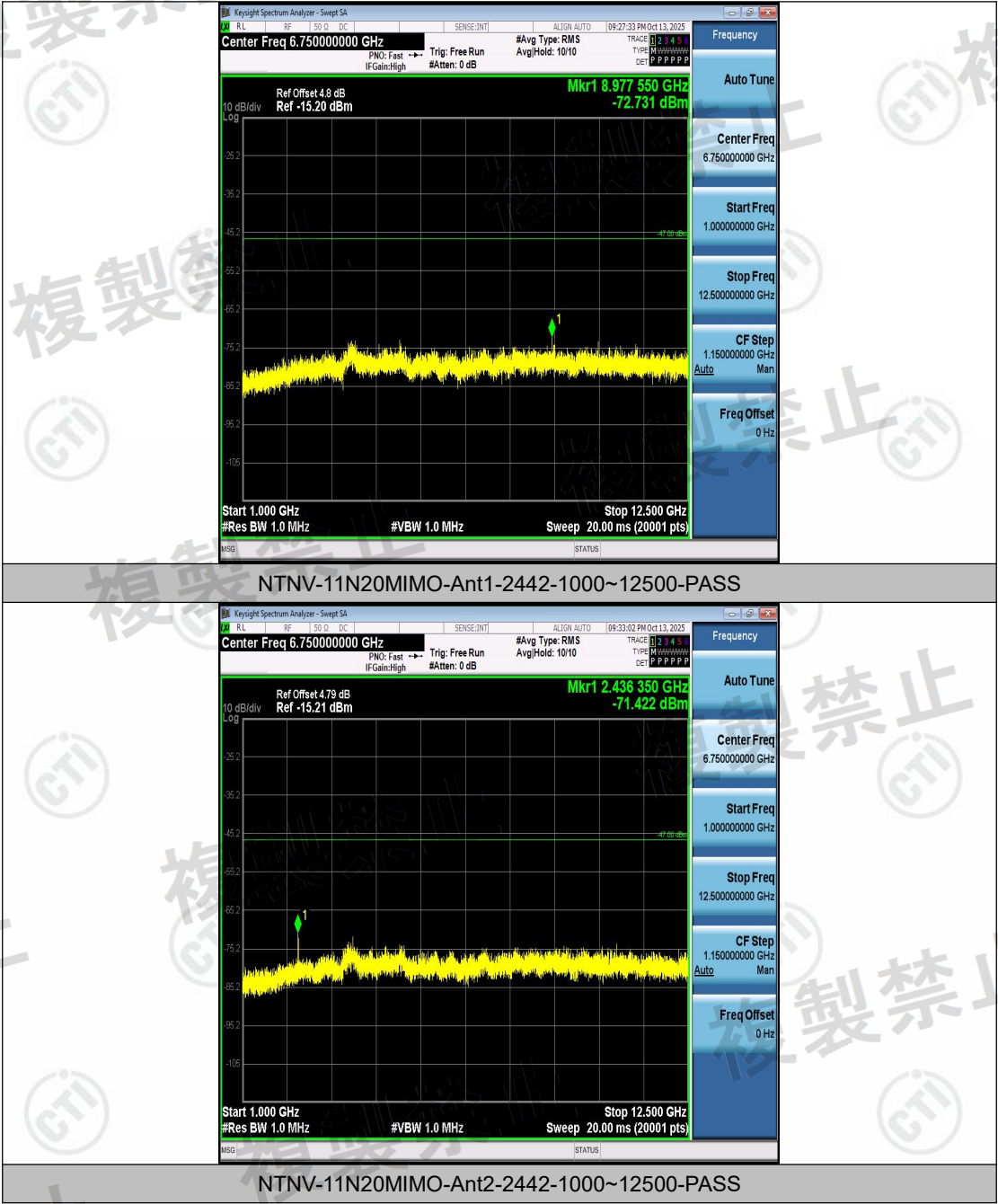


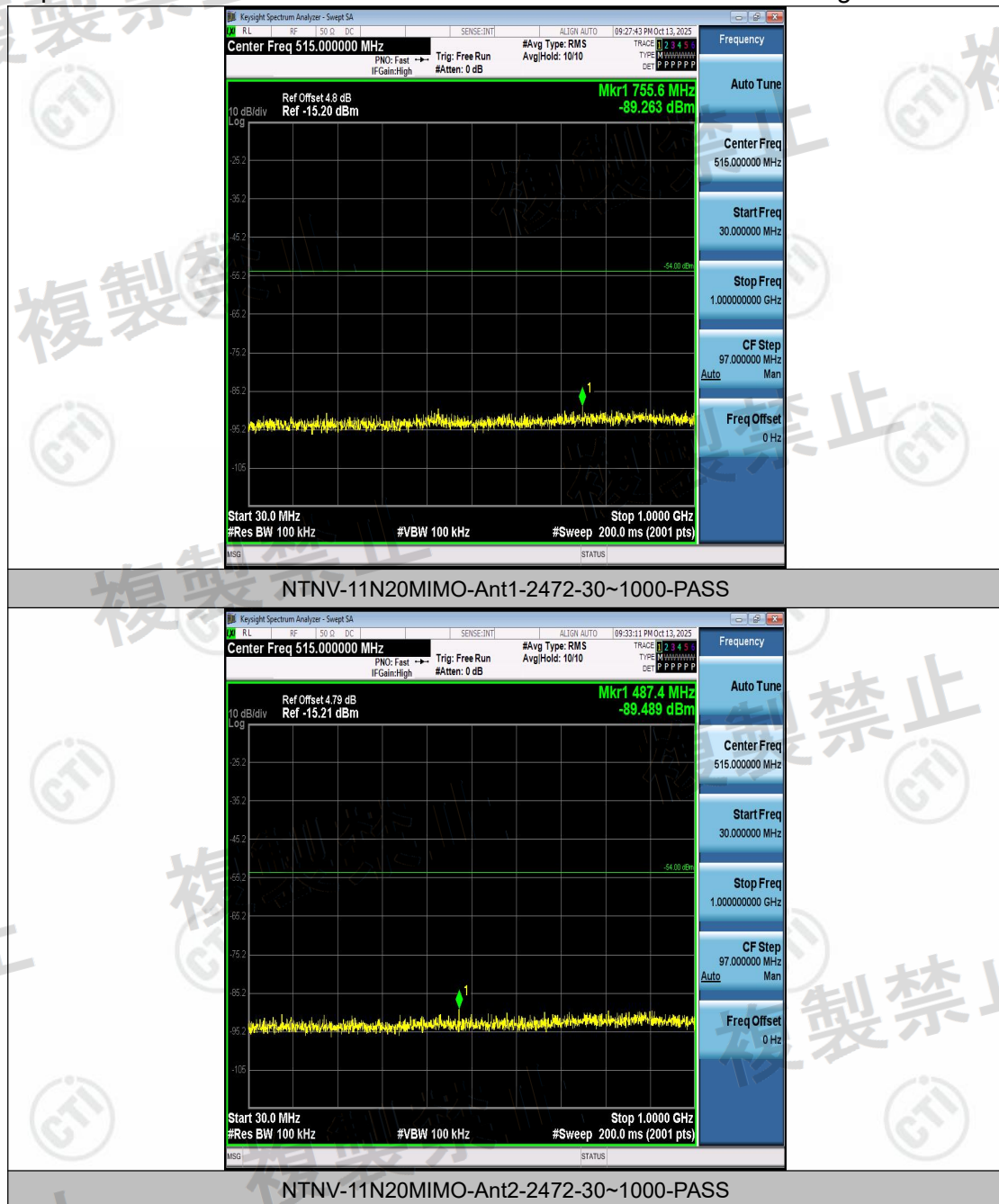


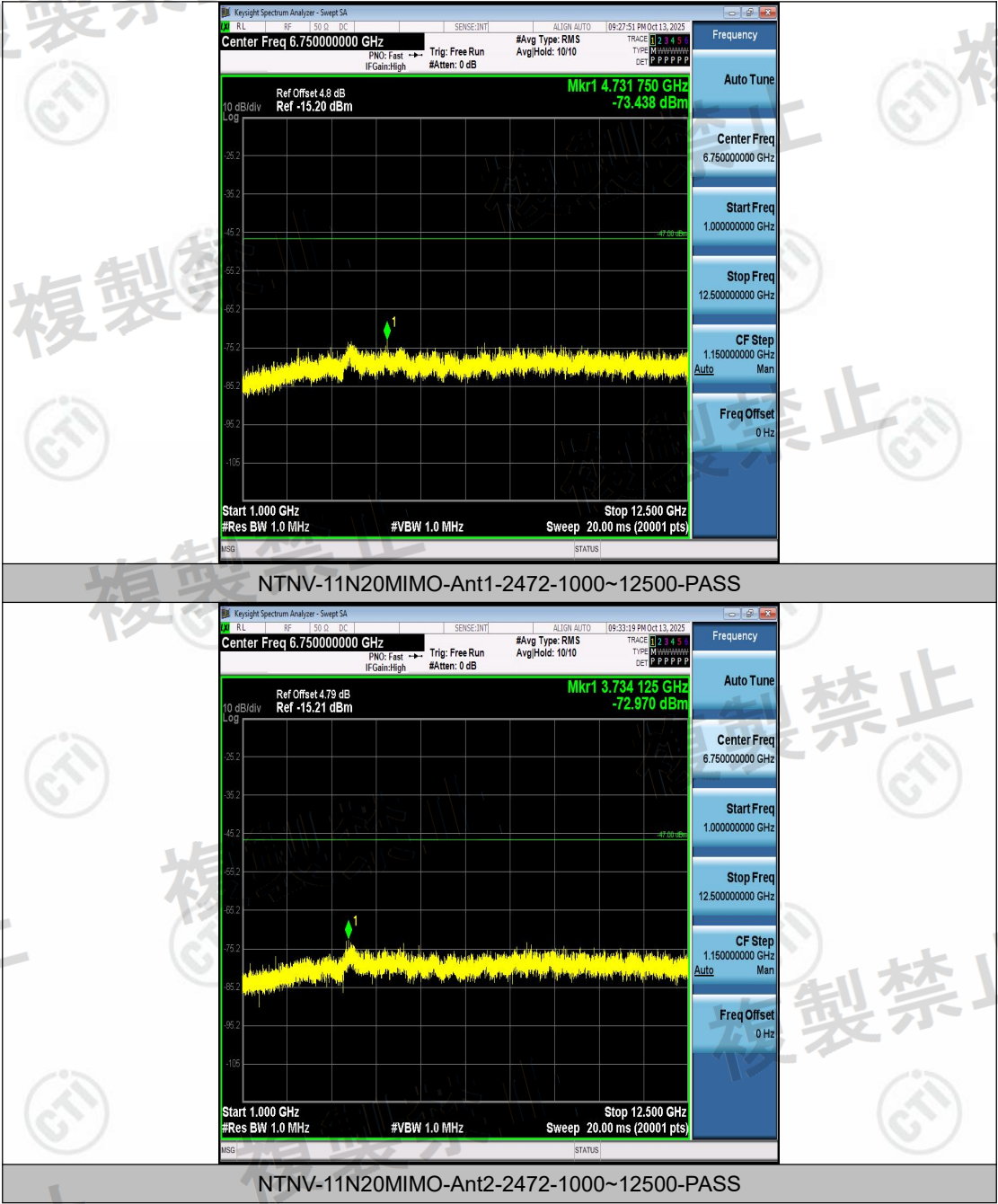


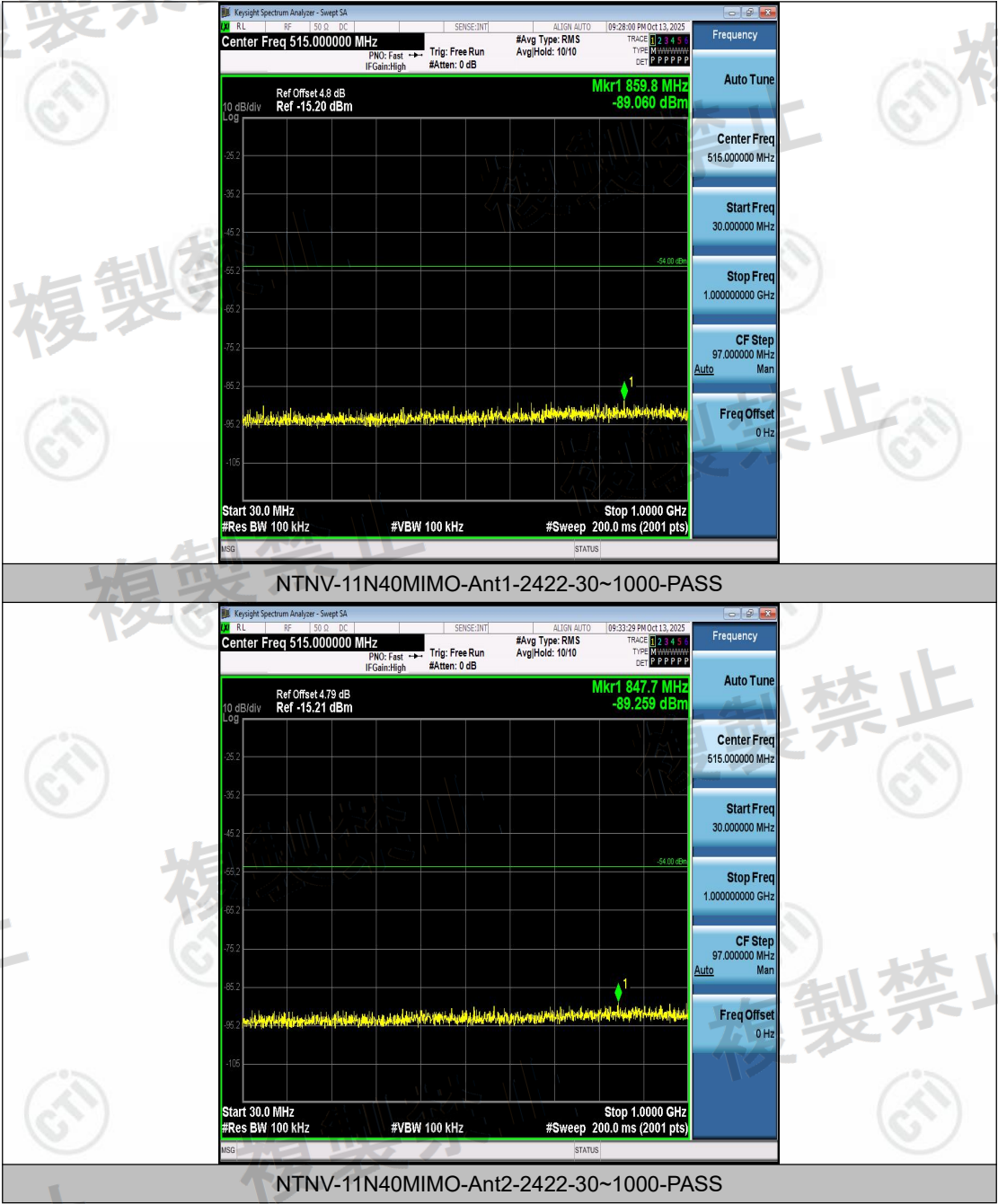


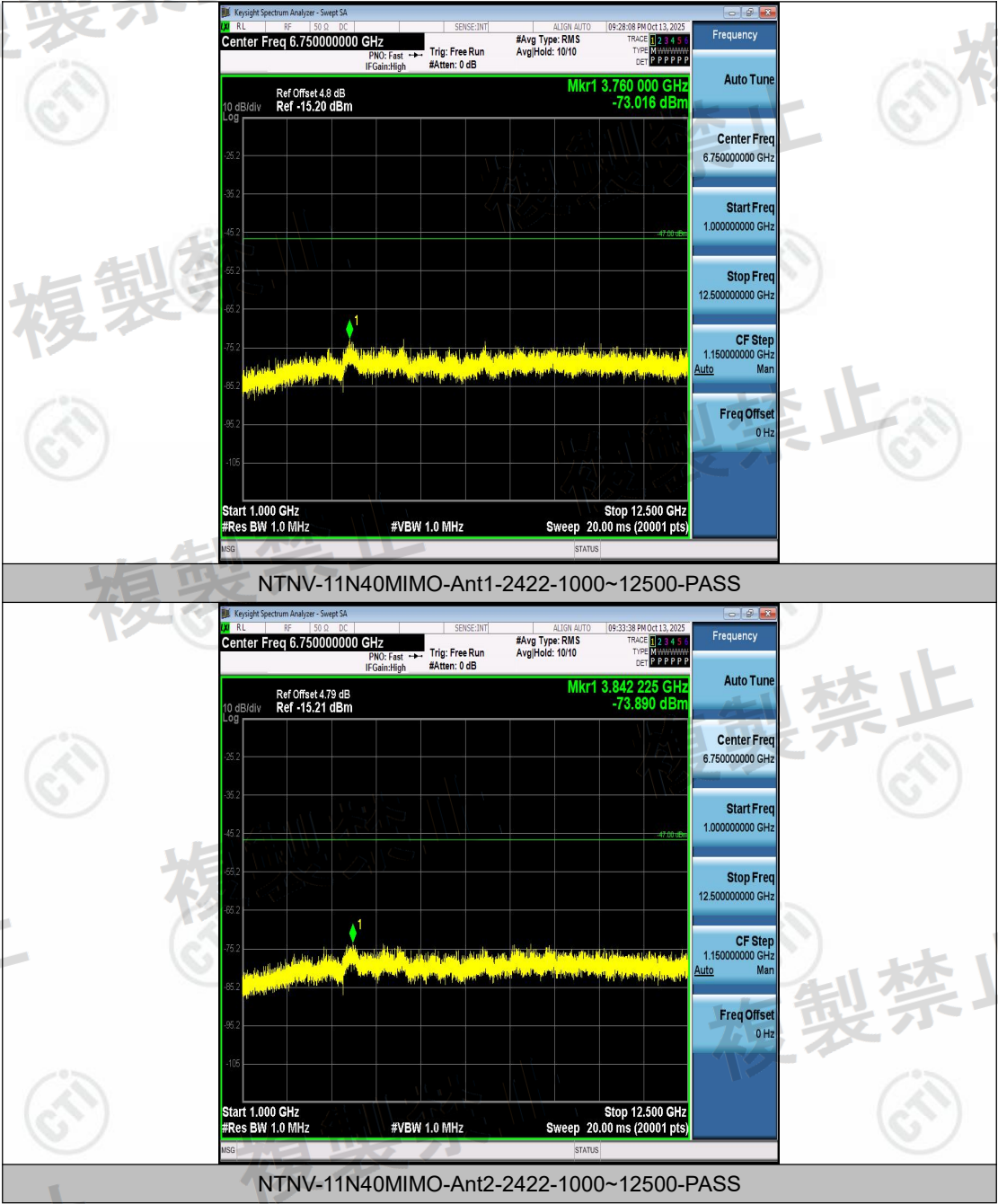


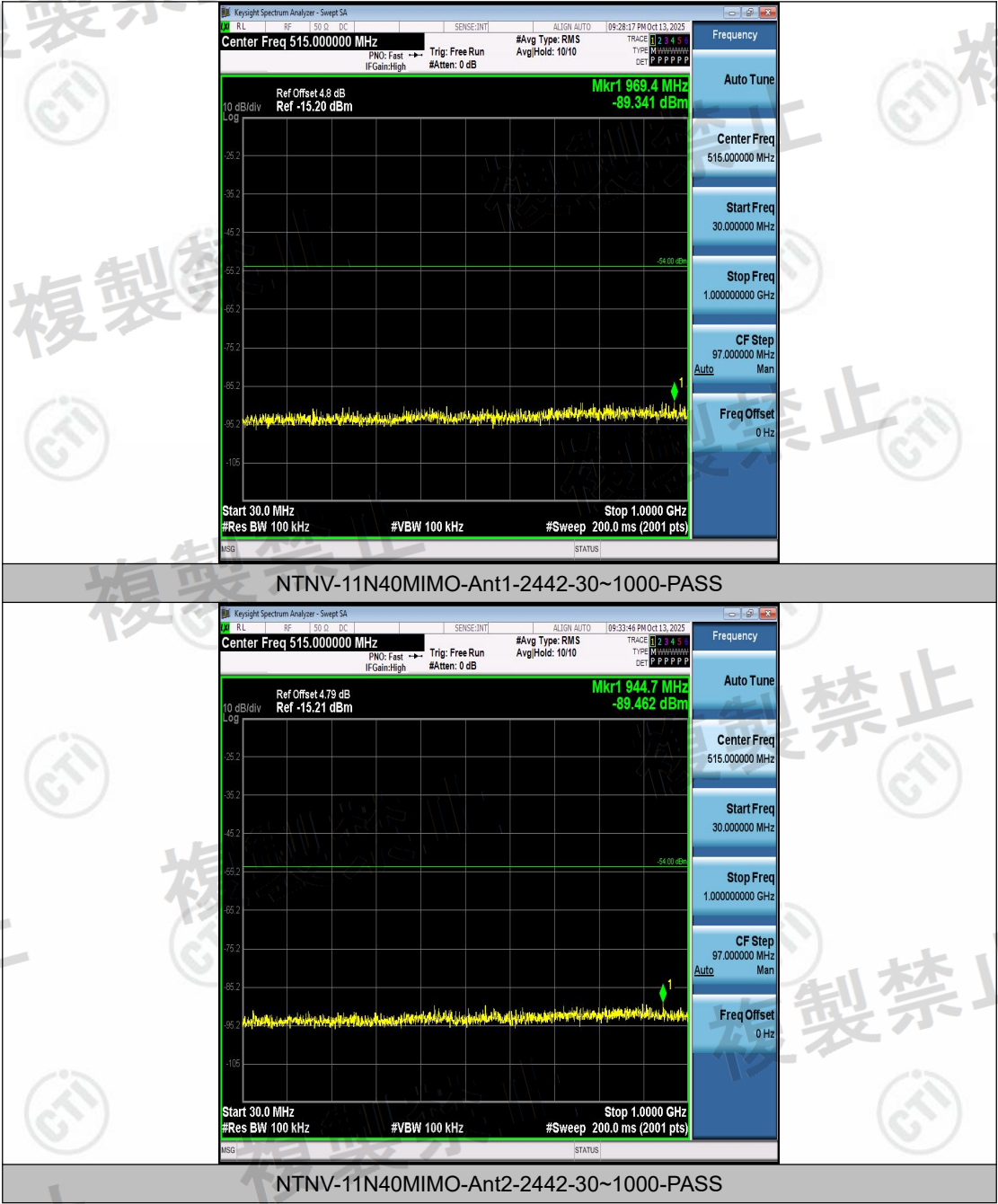


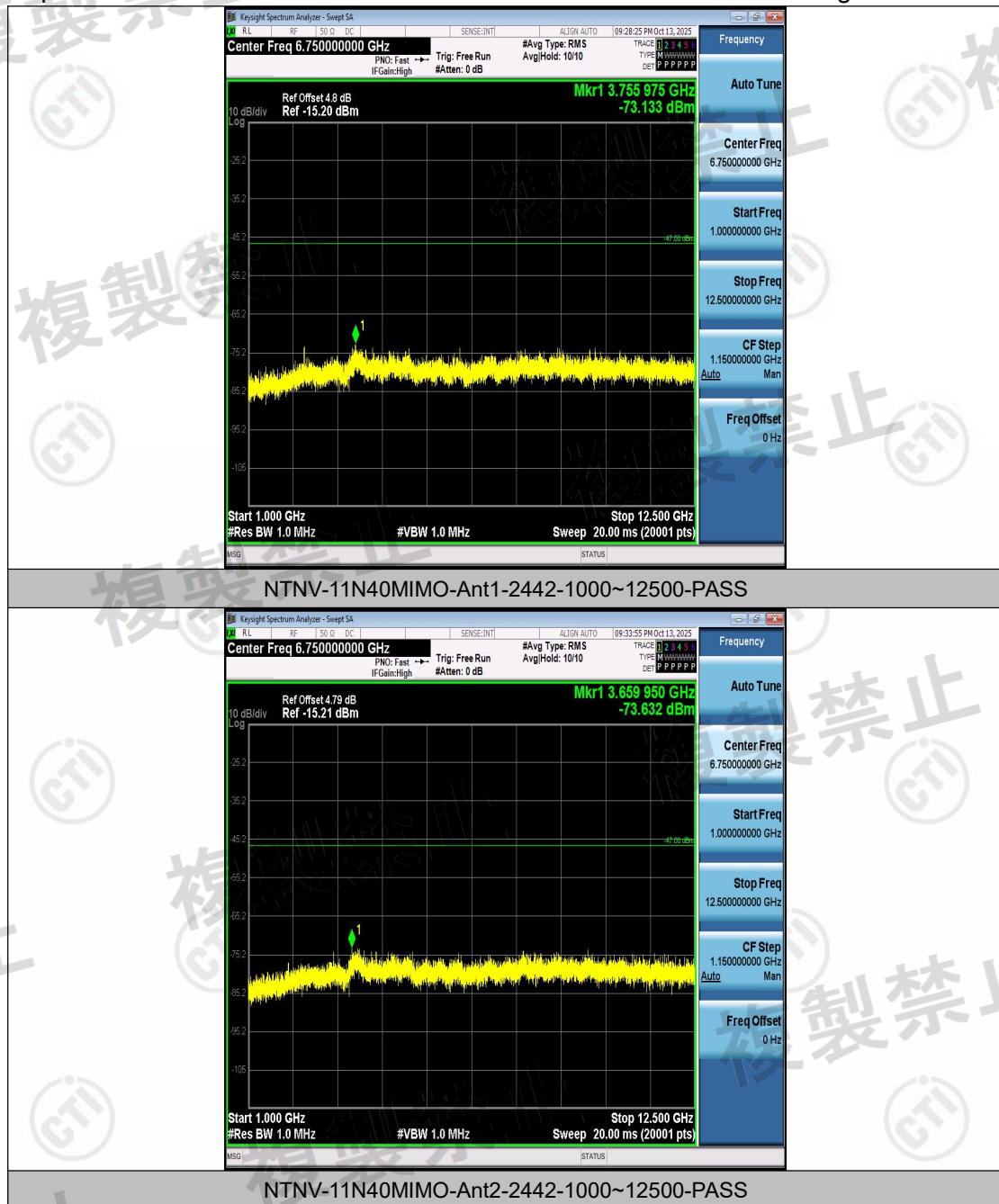


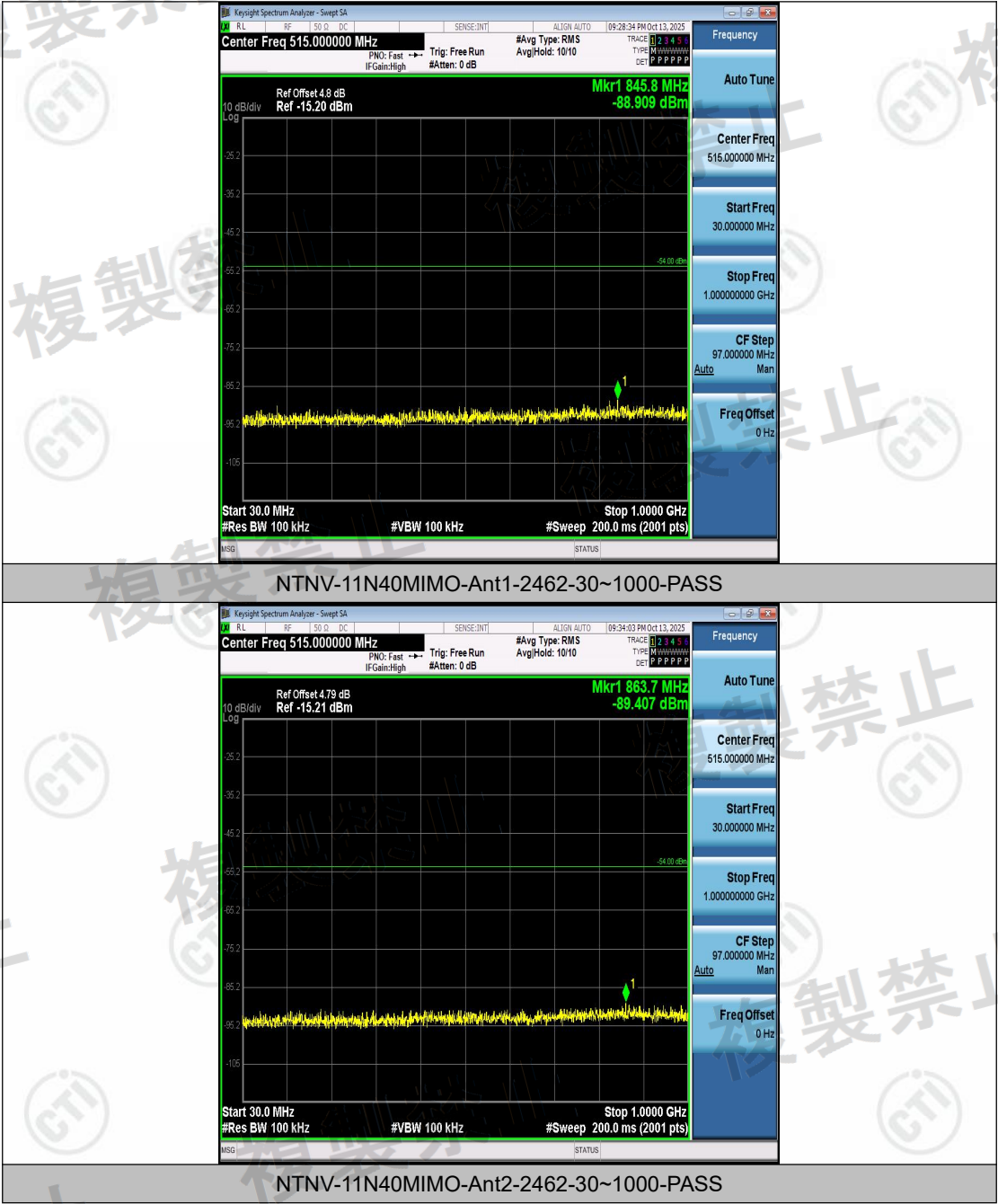


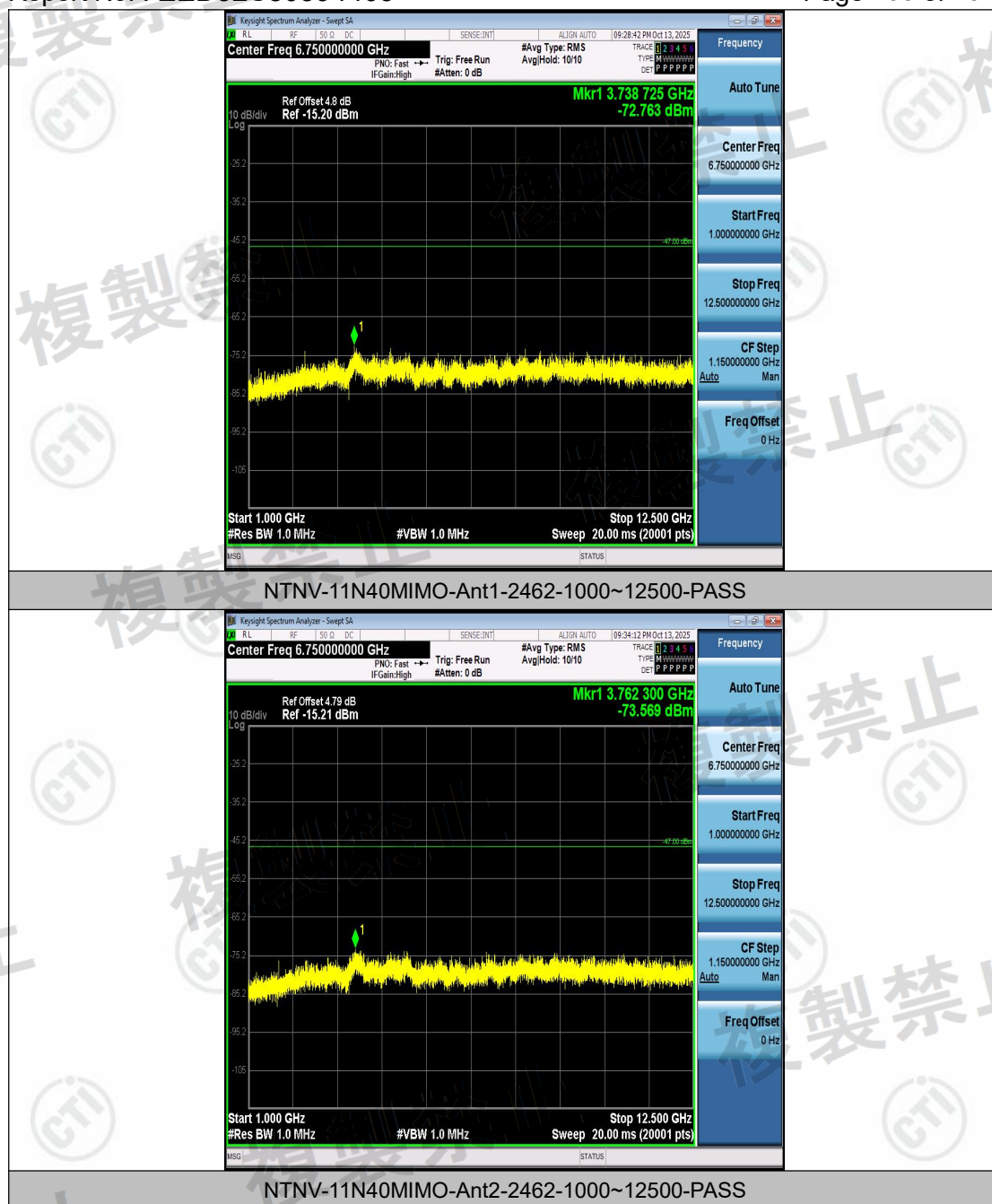


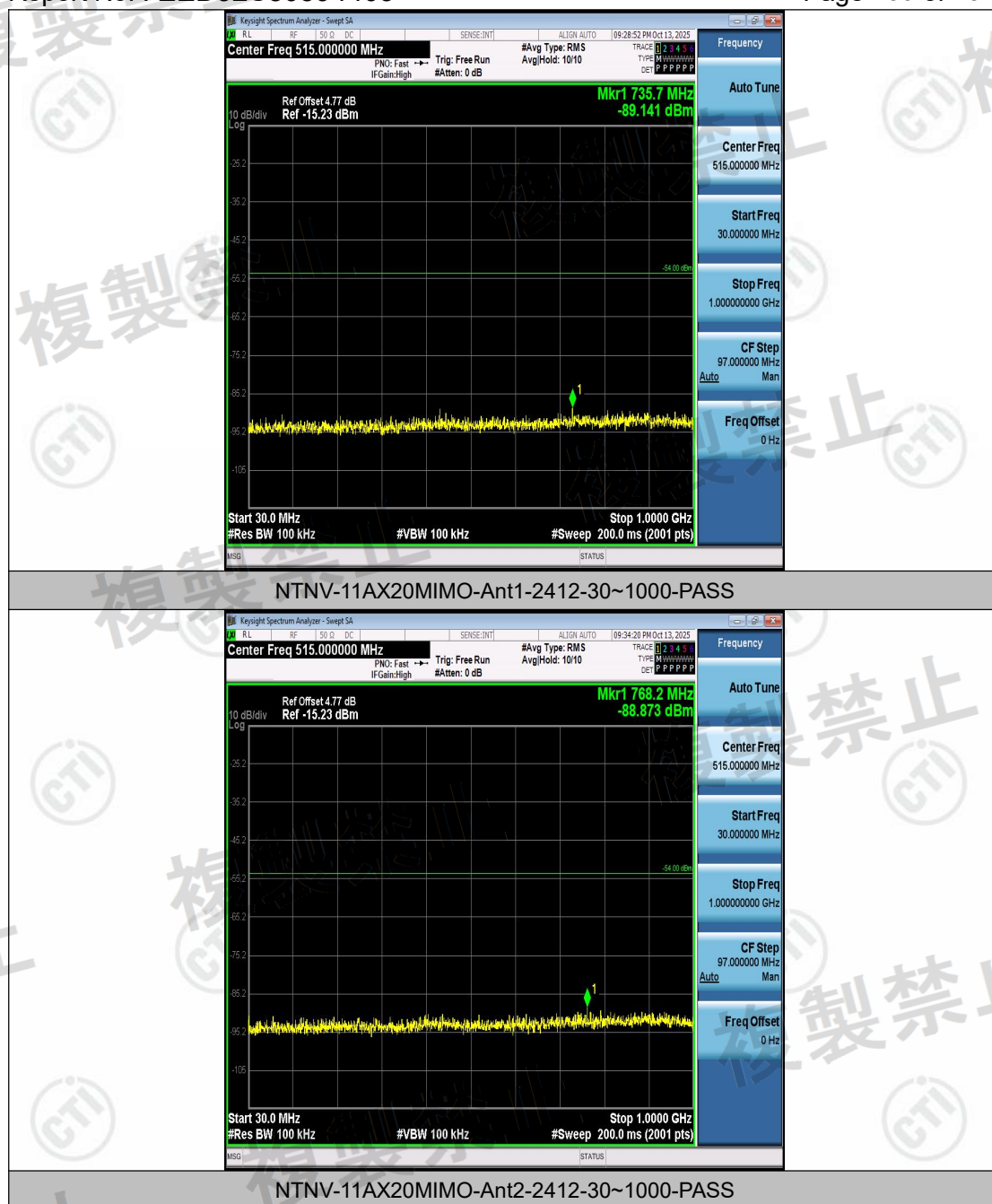


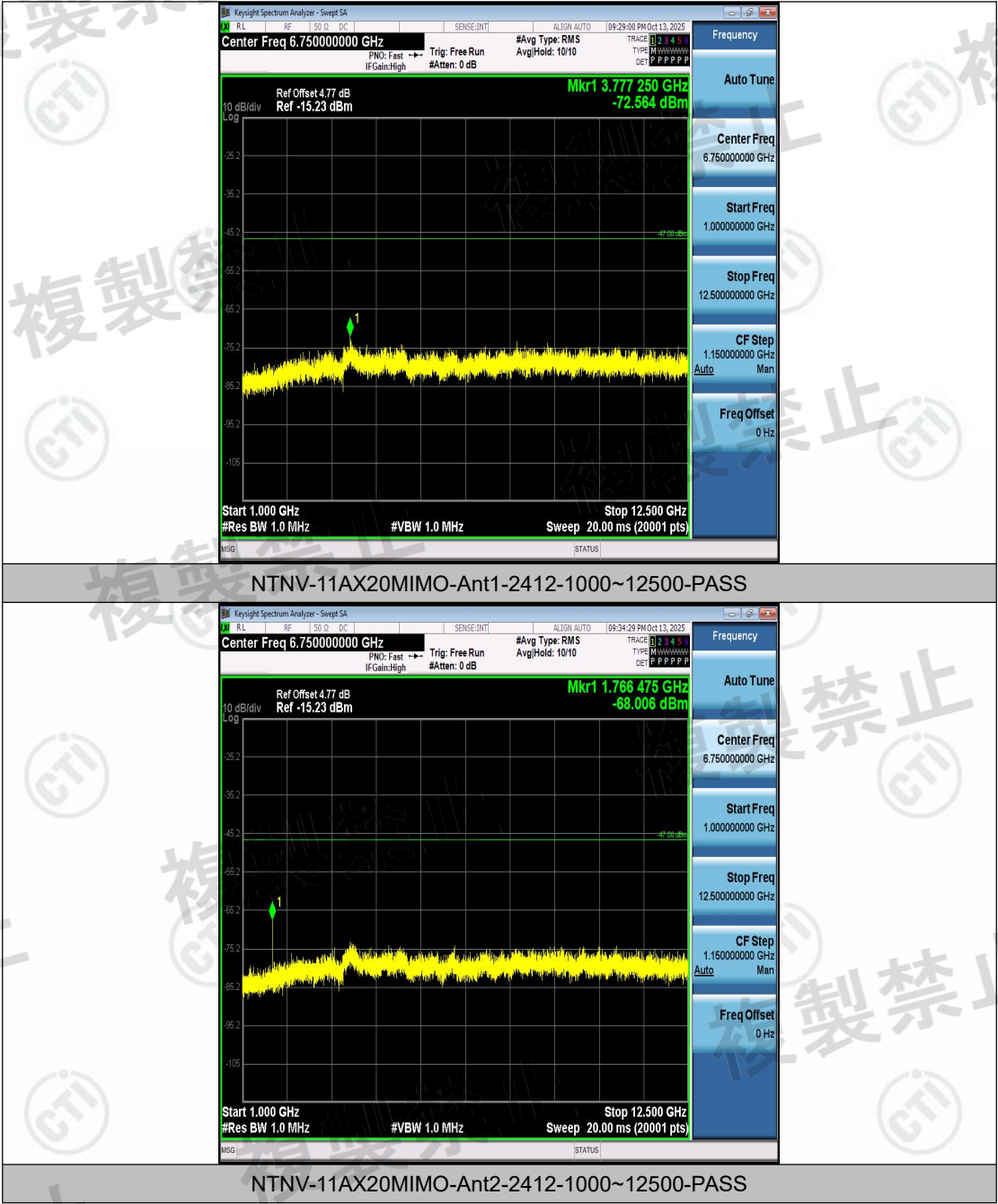


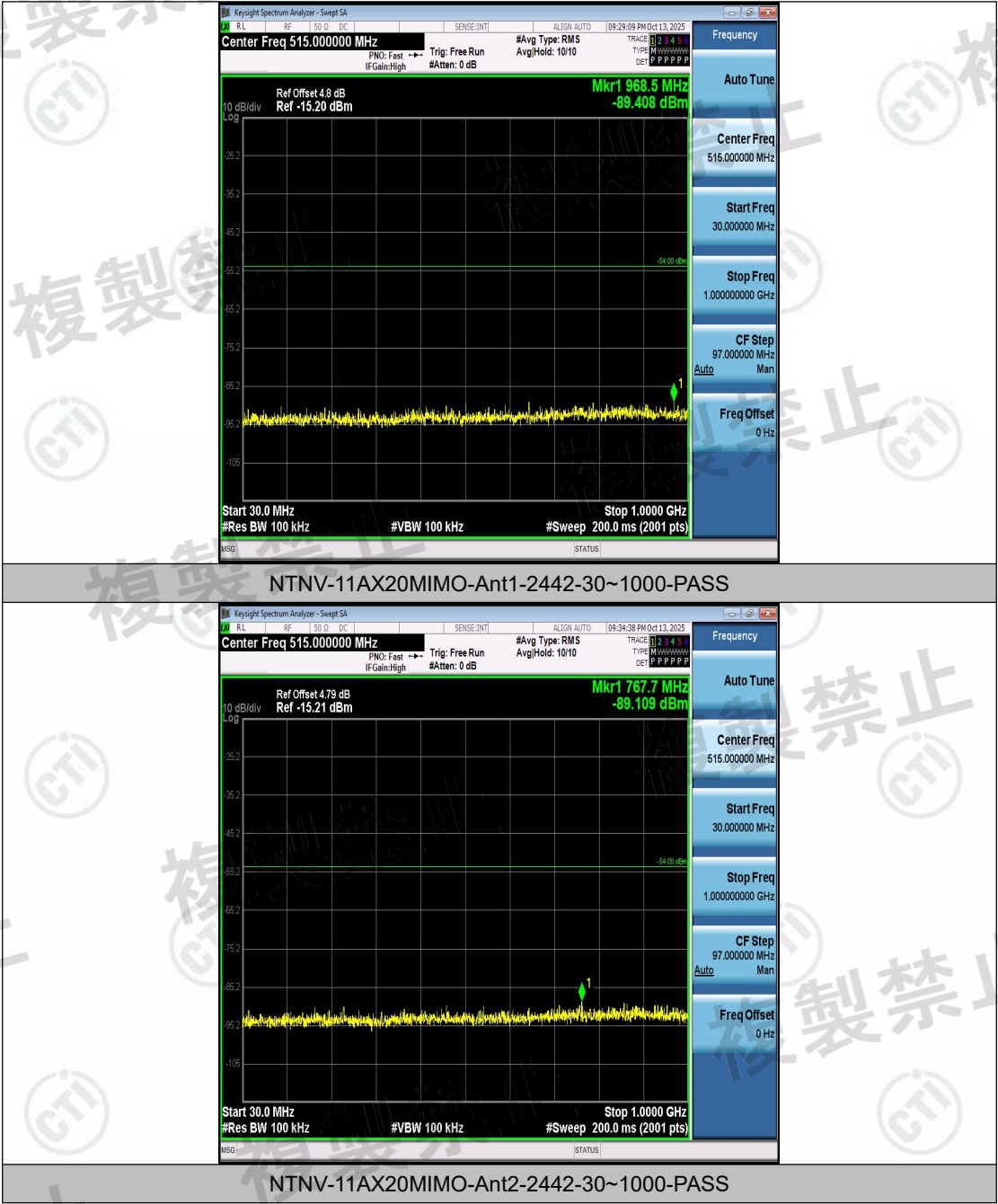


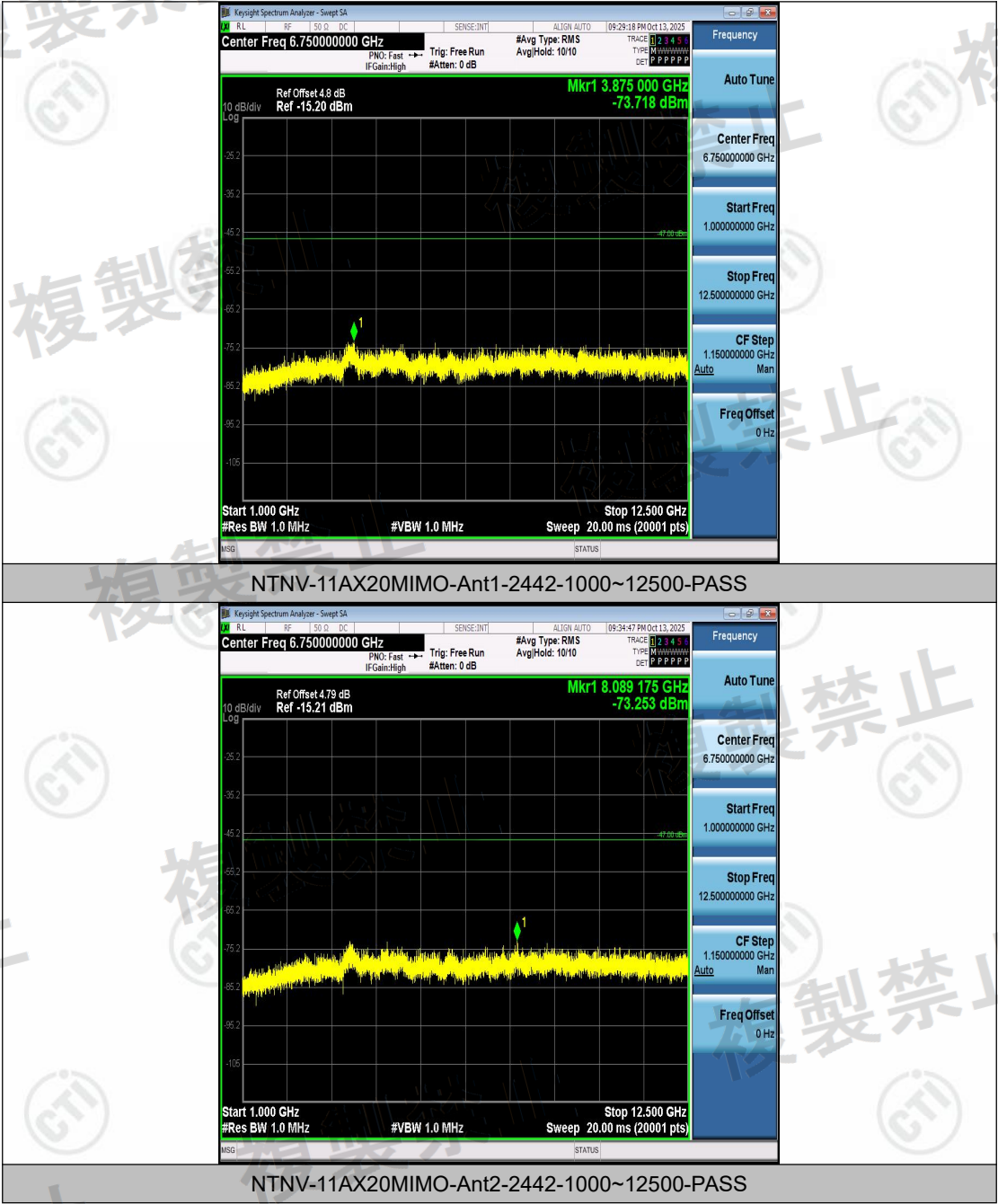


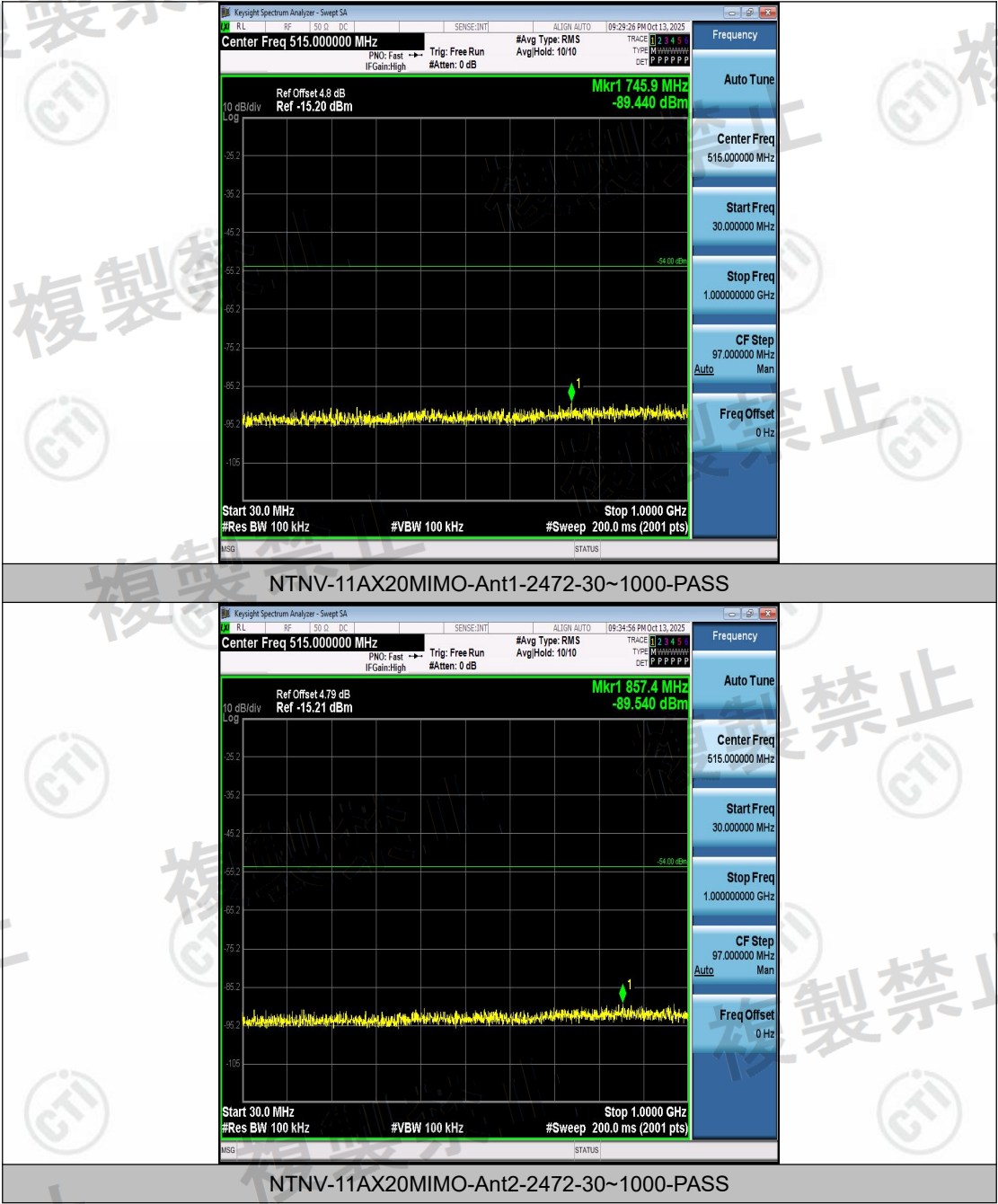


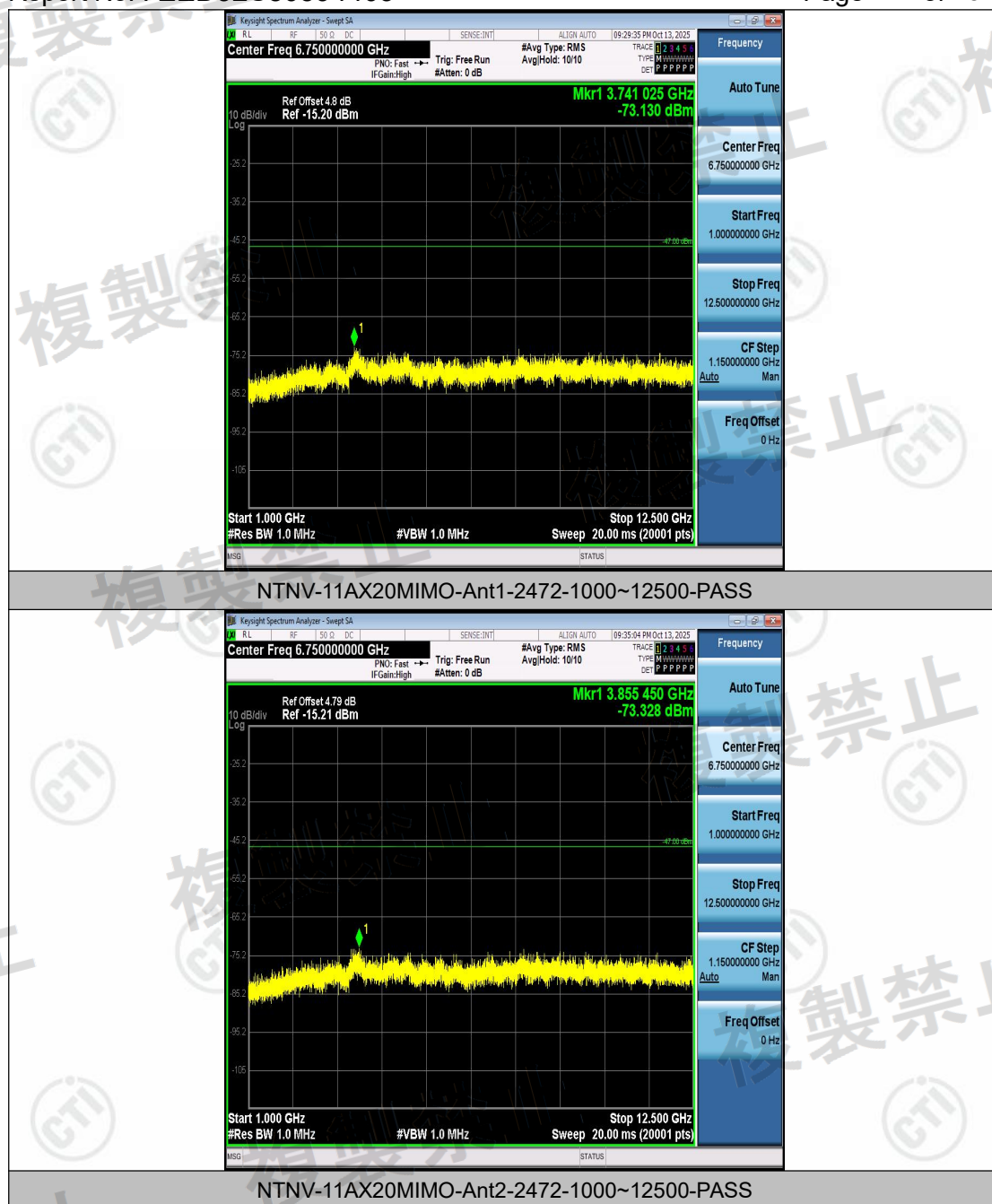


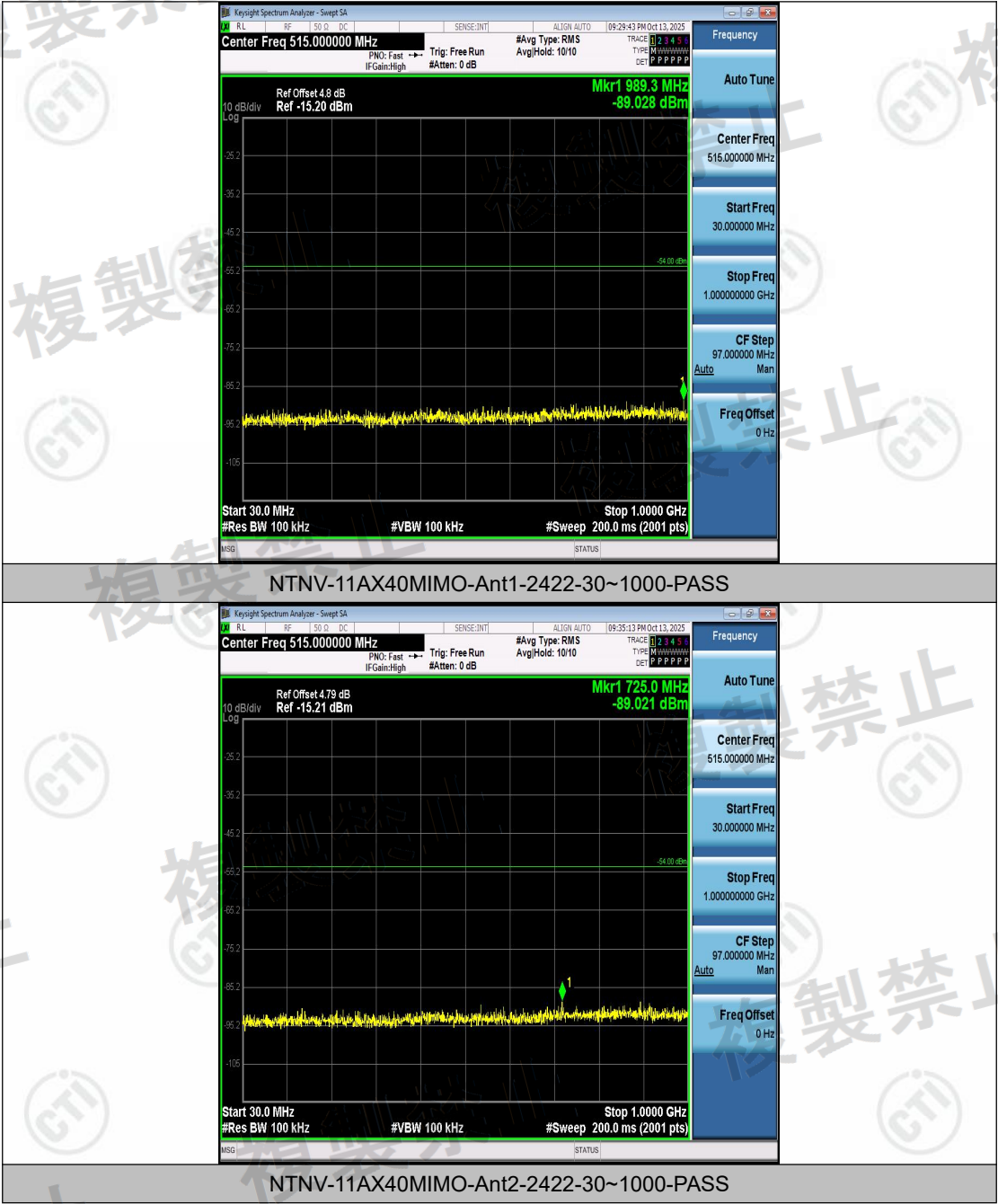


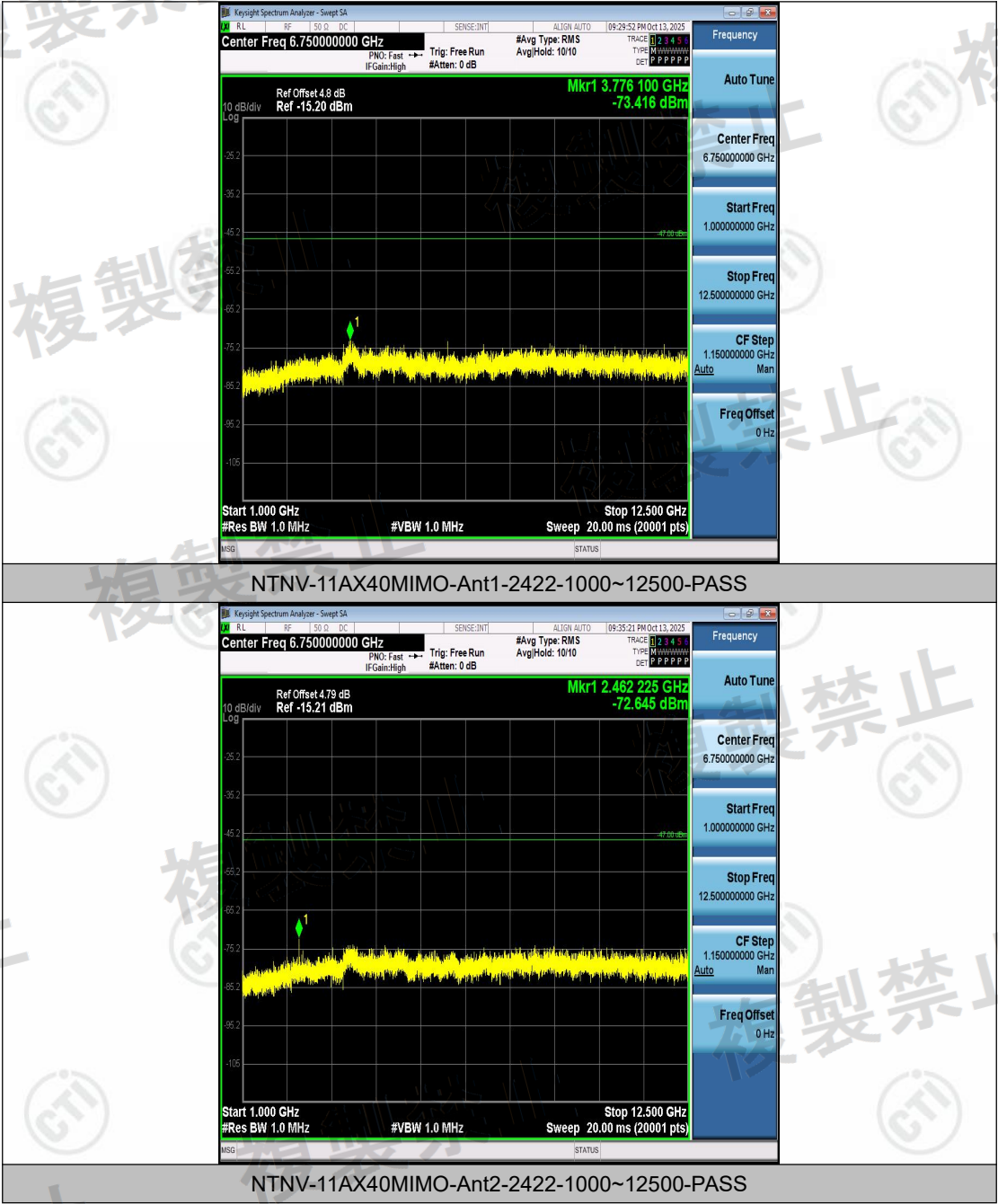


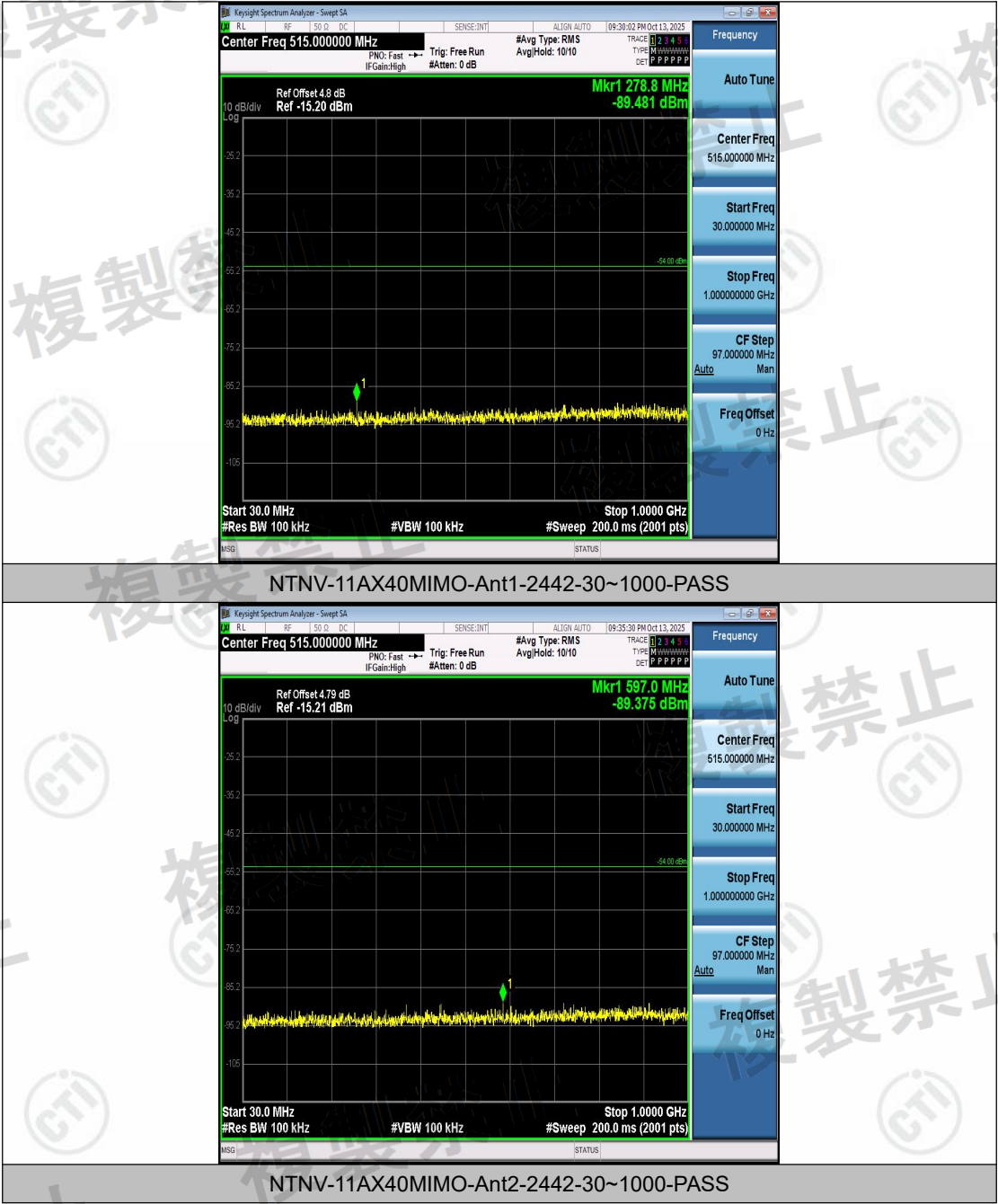


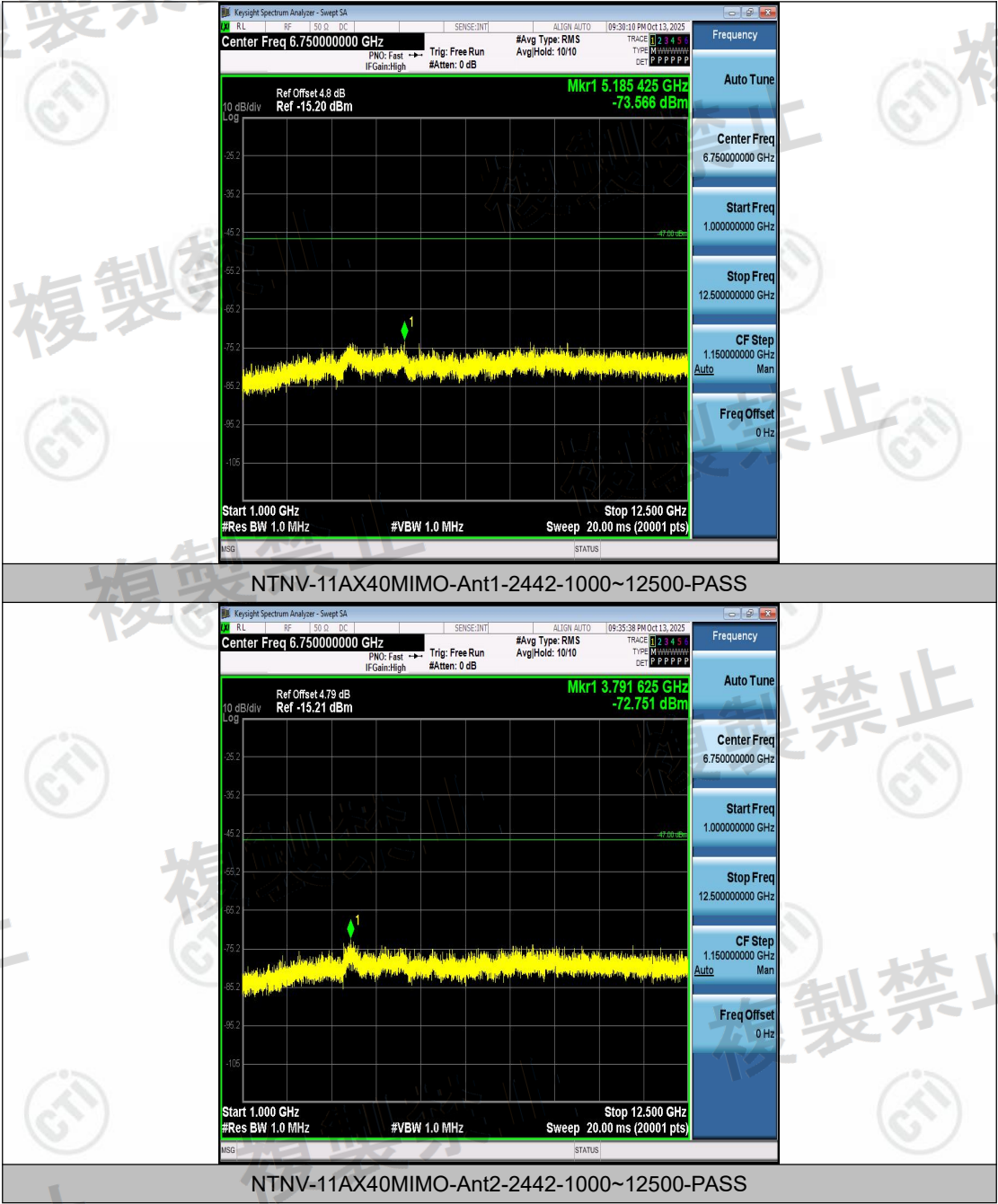


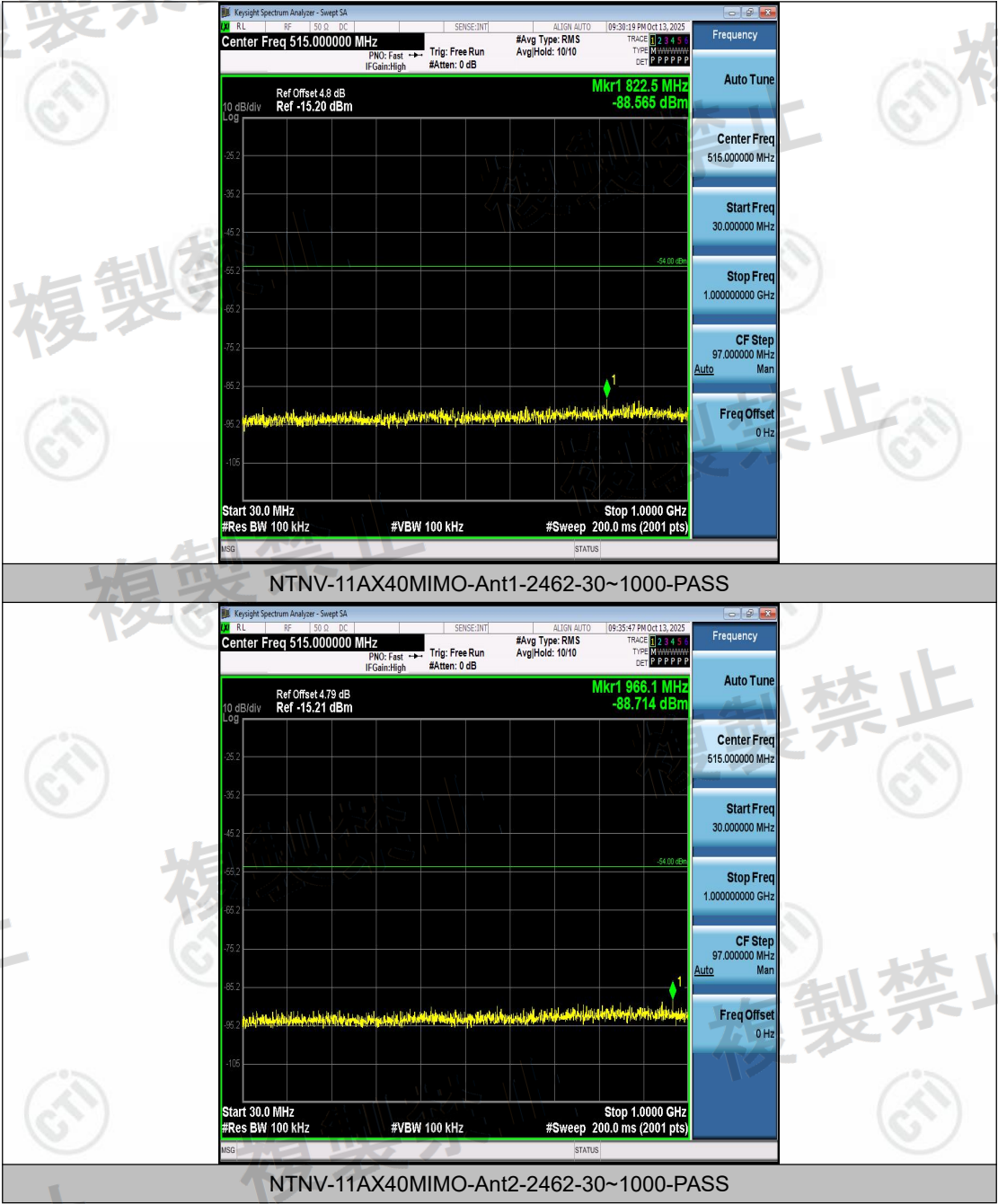


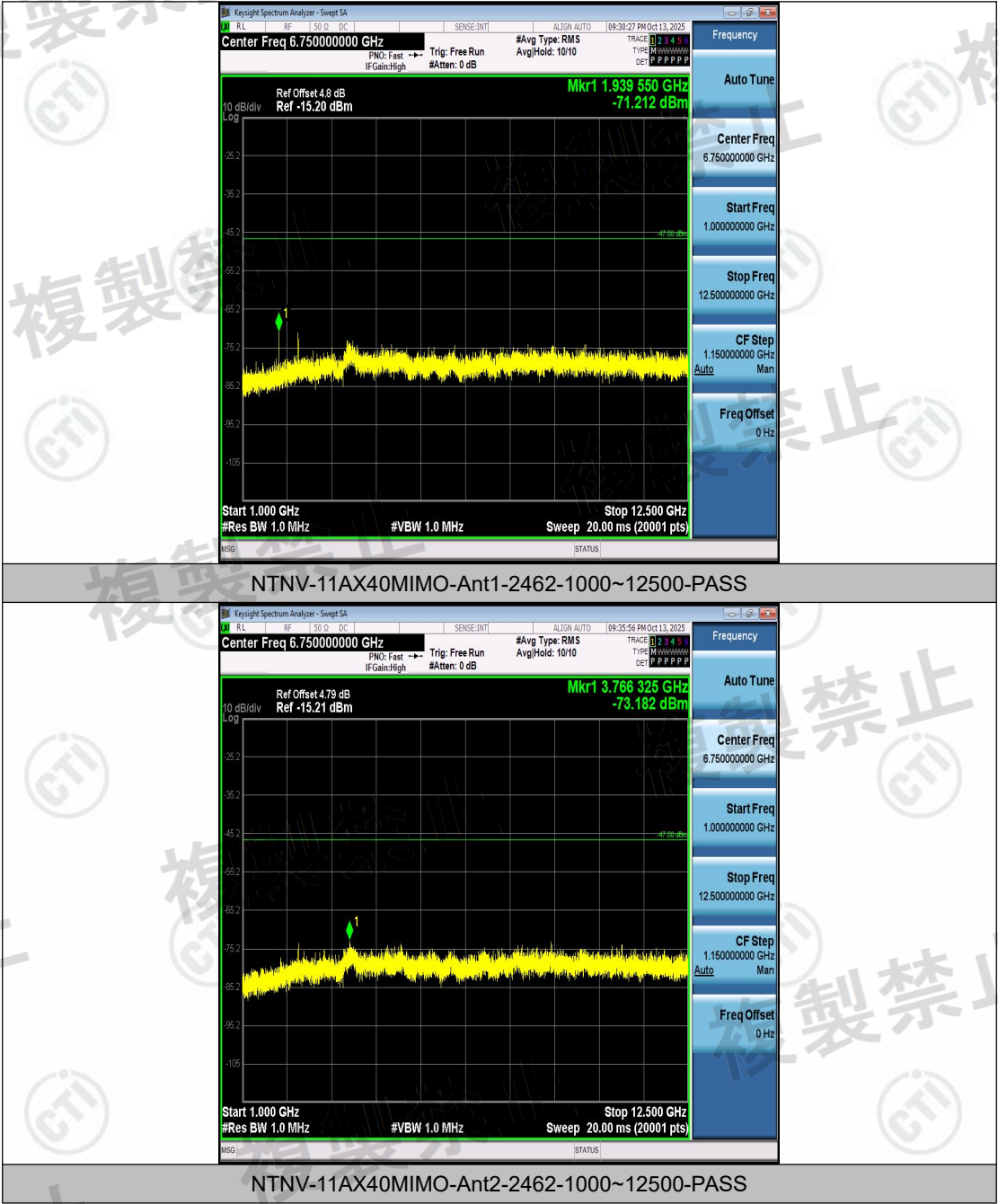












Appendix G: Carrier Sense Function

Test Result

Condition	Mode	Frequency (MHz)	Antenna	CW Level (dBm)	Verdict
NVNT	11N40SISO	2422	Ant2	-41.54	PASS

Note: Only the worst data was recorded.

CW Level (dBm) = 22.79 + Gr - 20log(F).

T1: CW signal injection

T2: CW signal remove

Test Graphs

