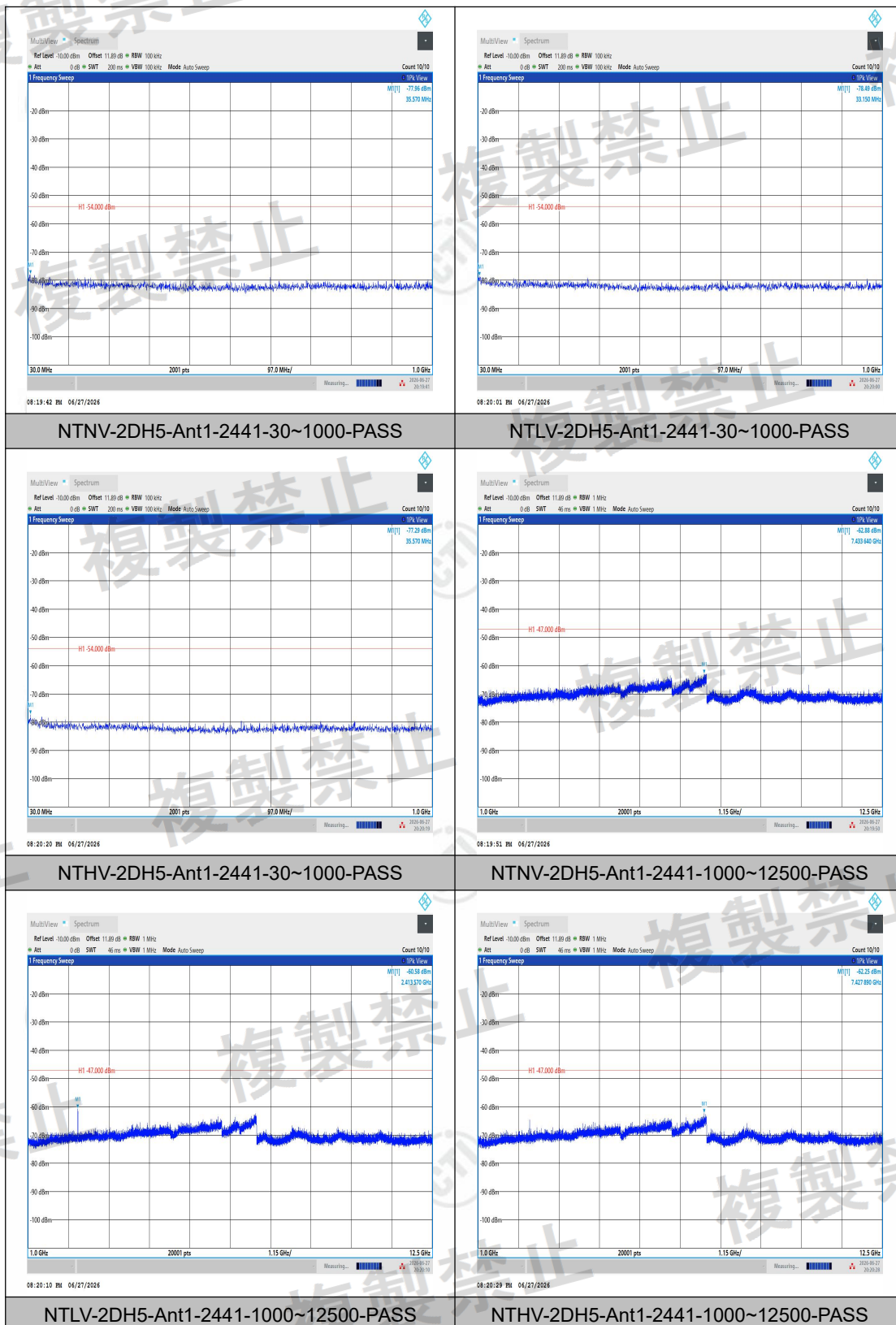
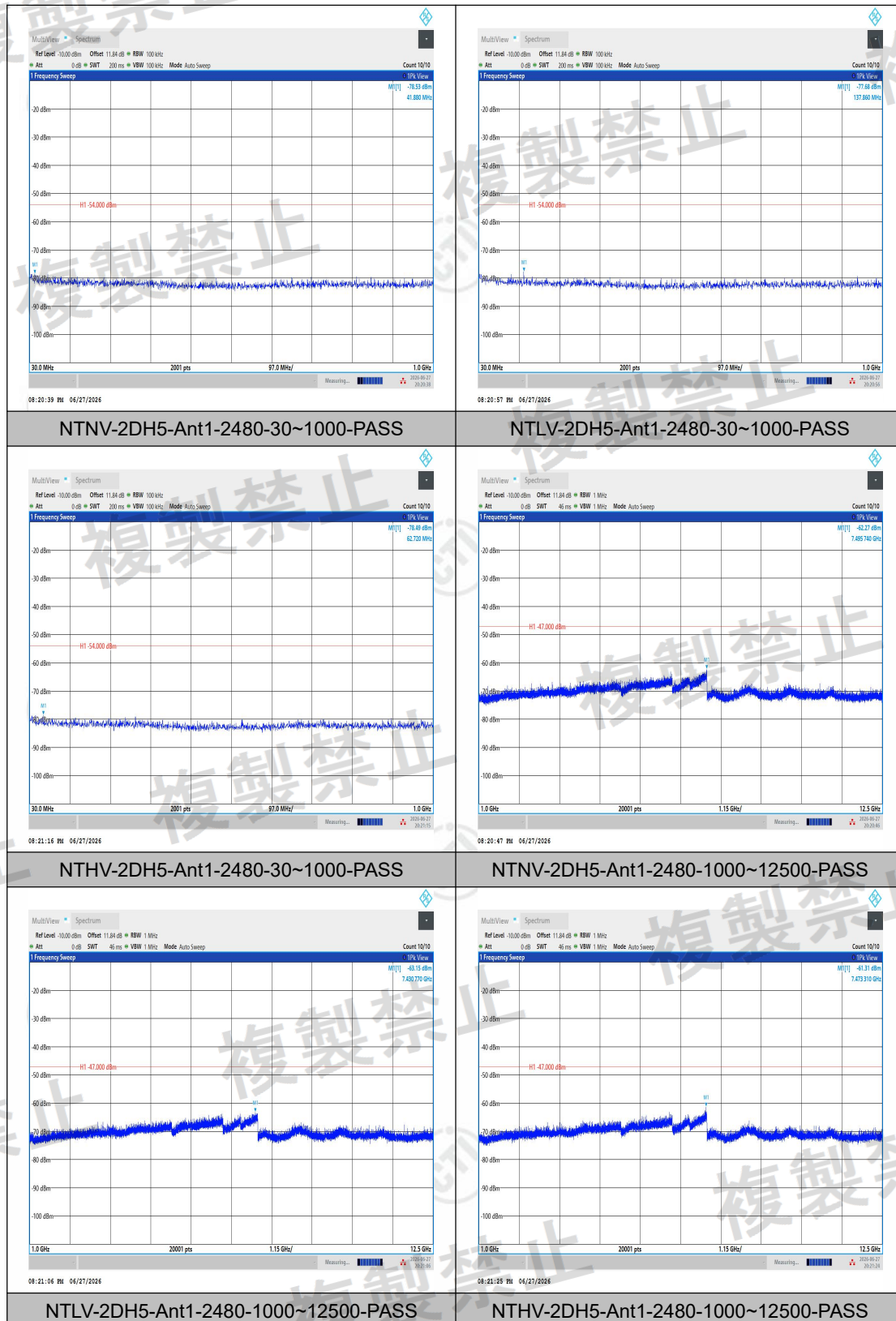
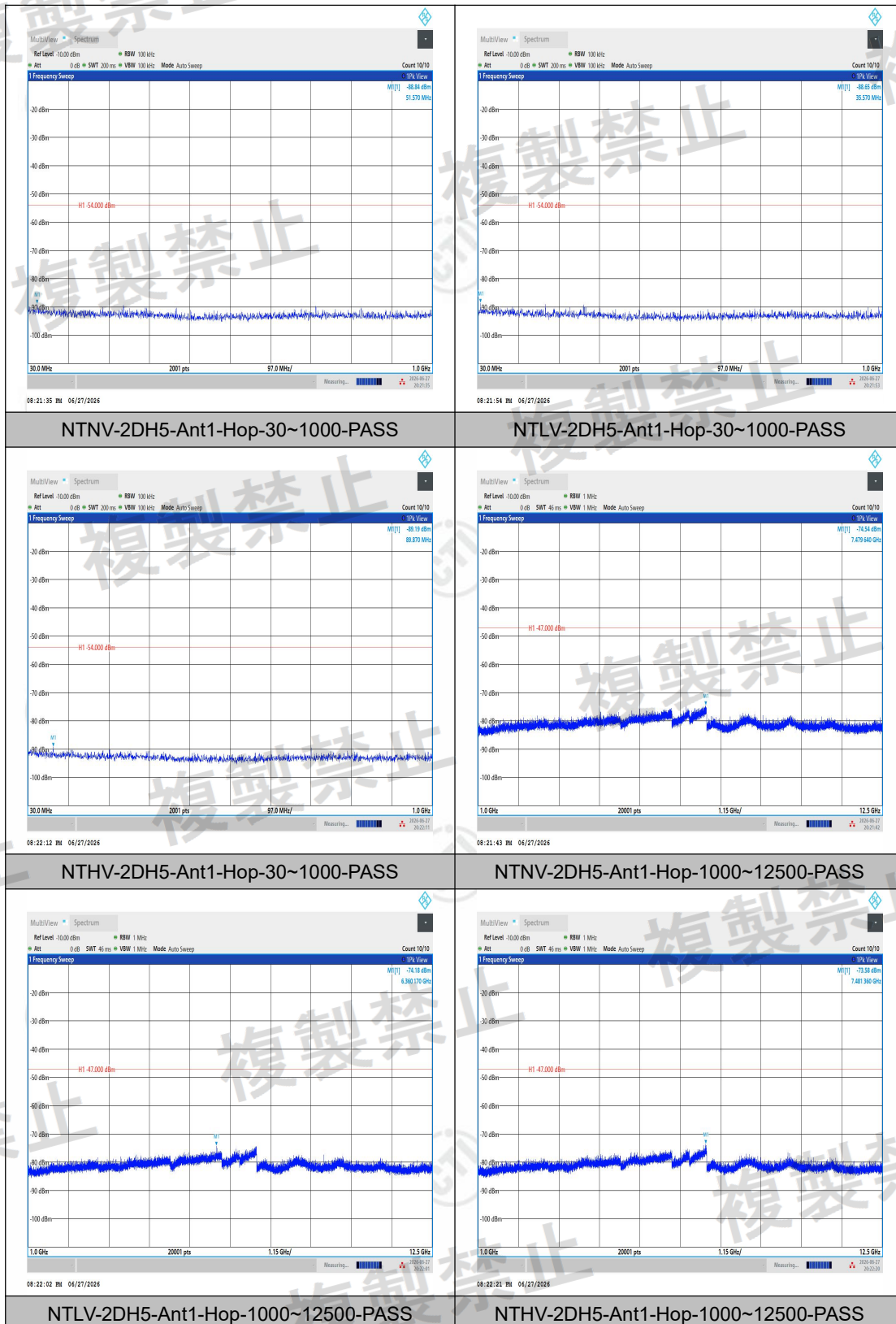
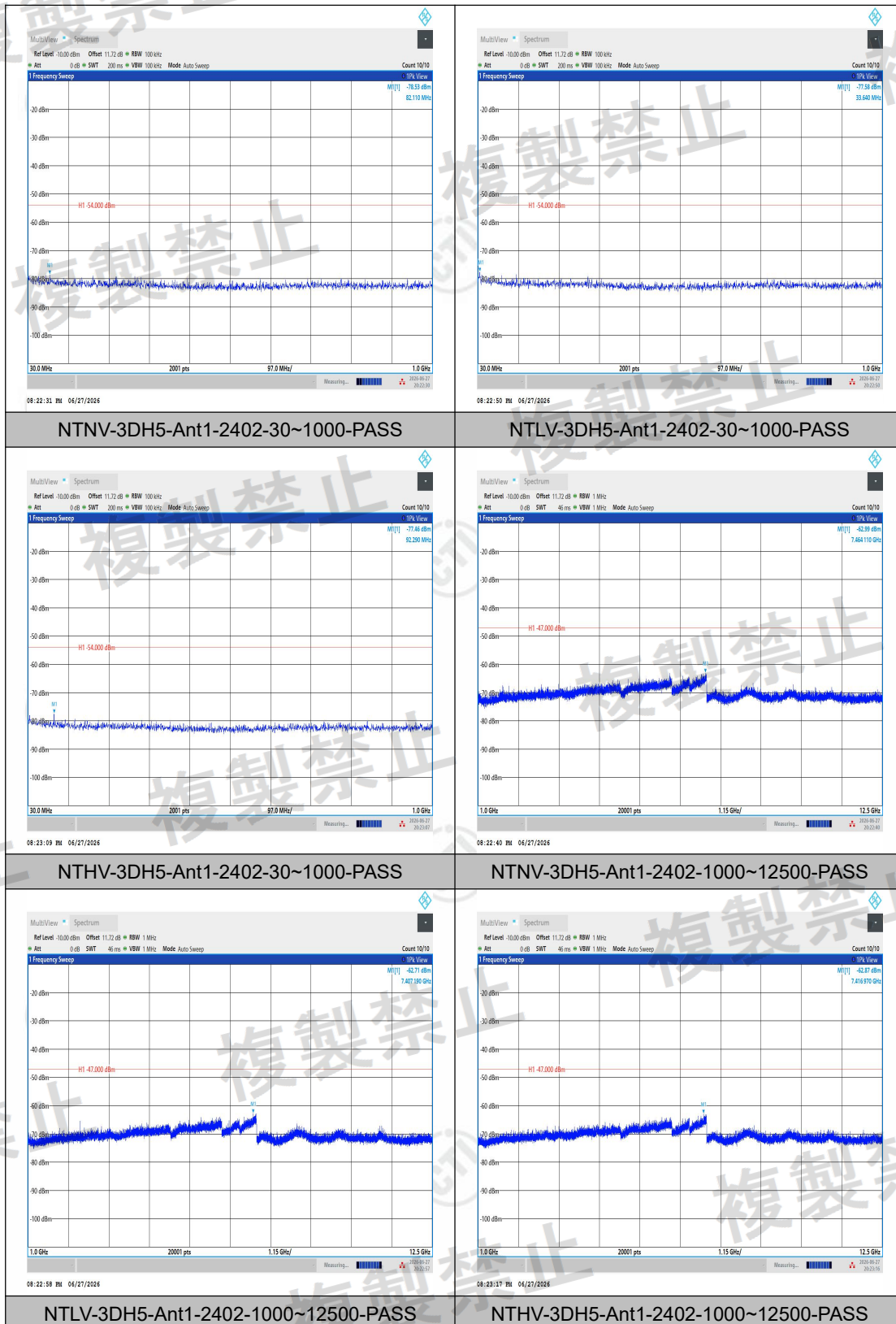
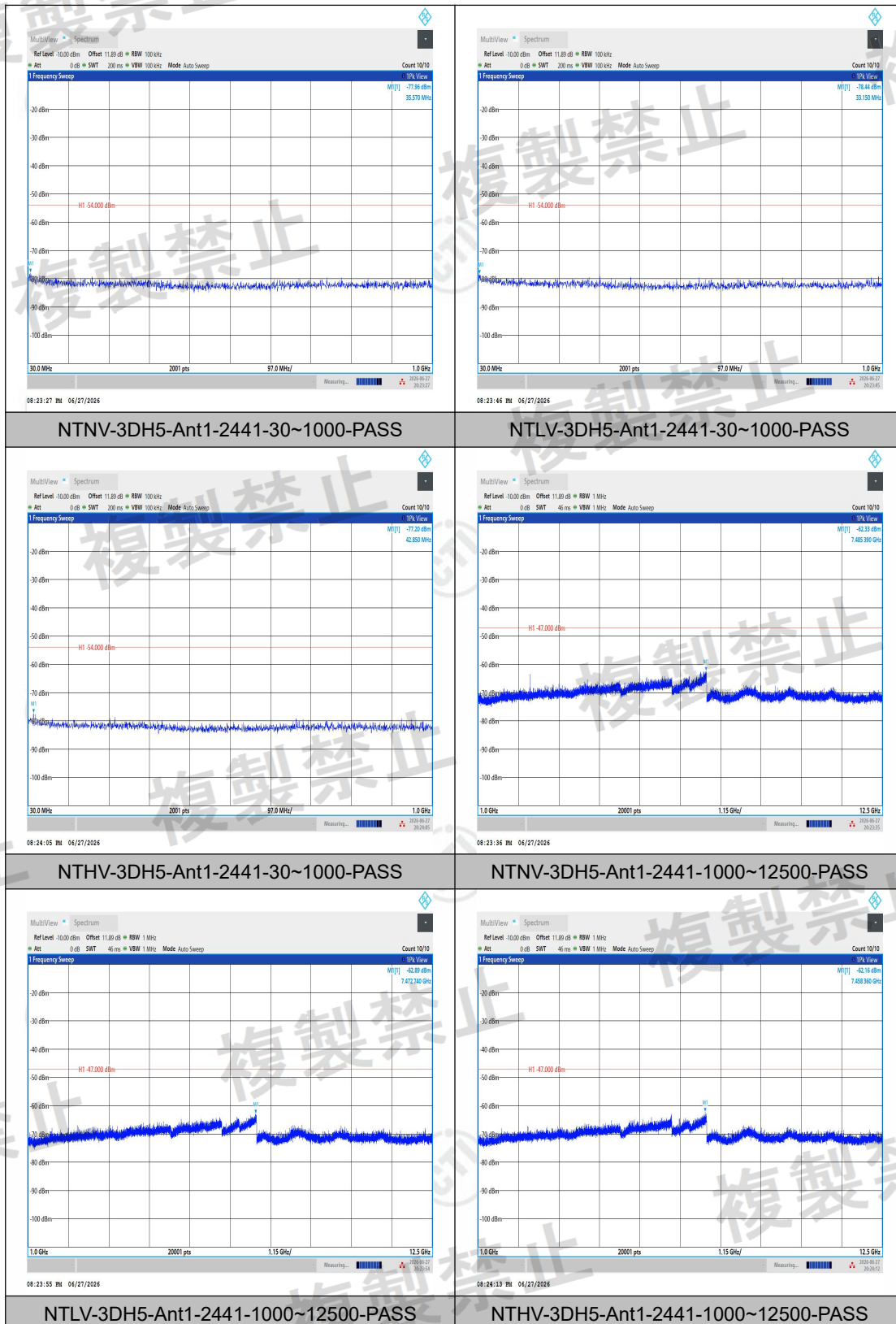


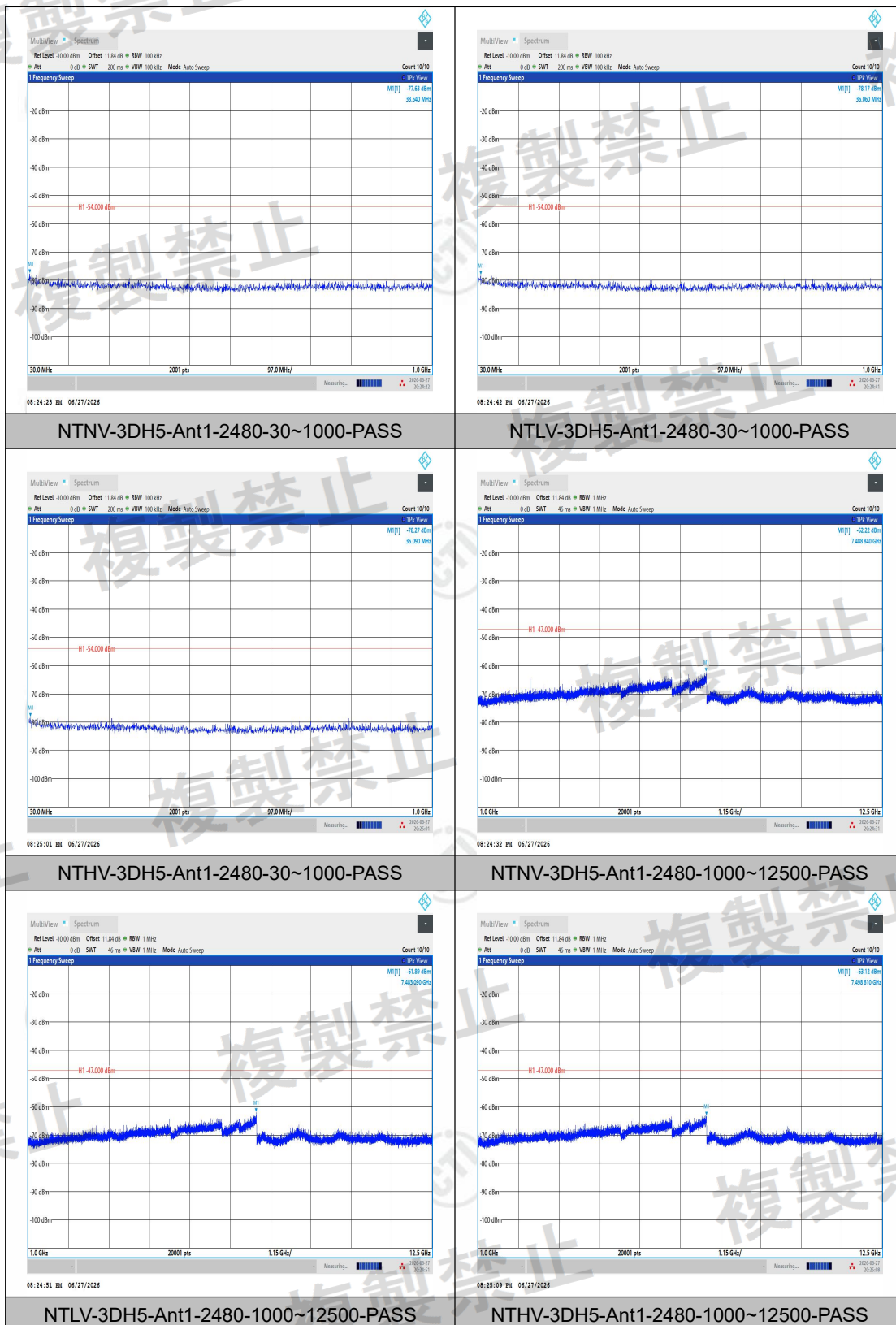


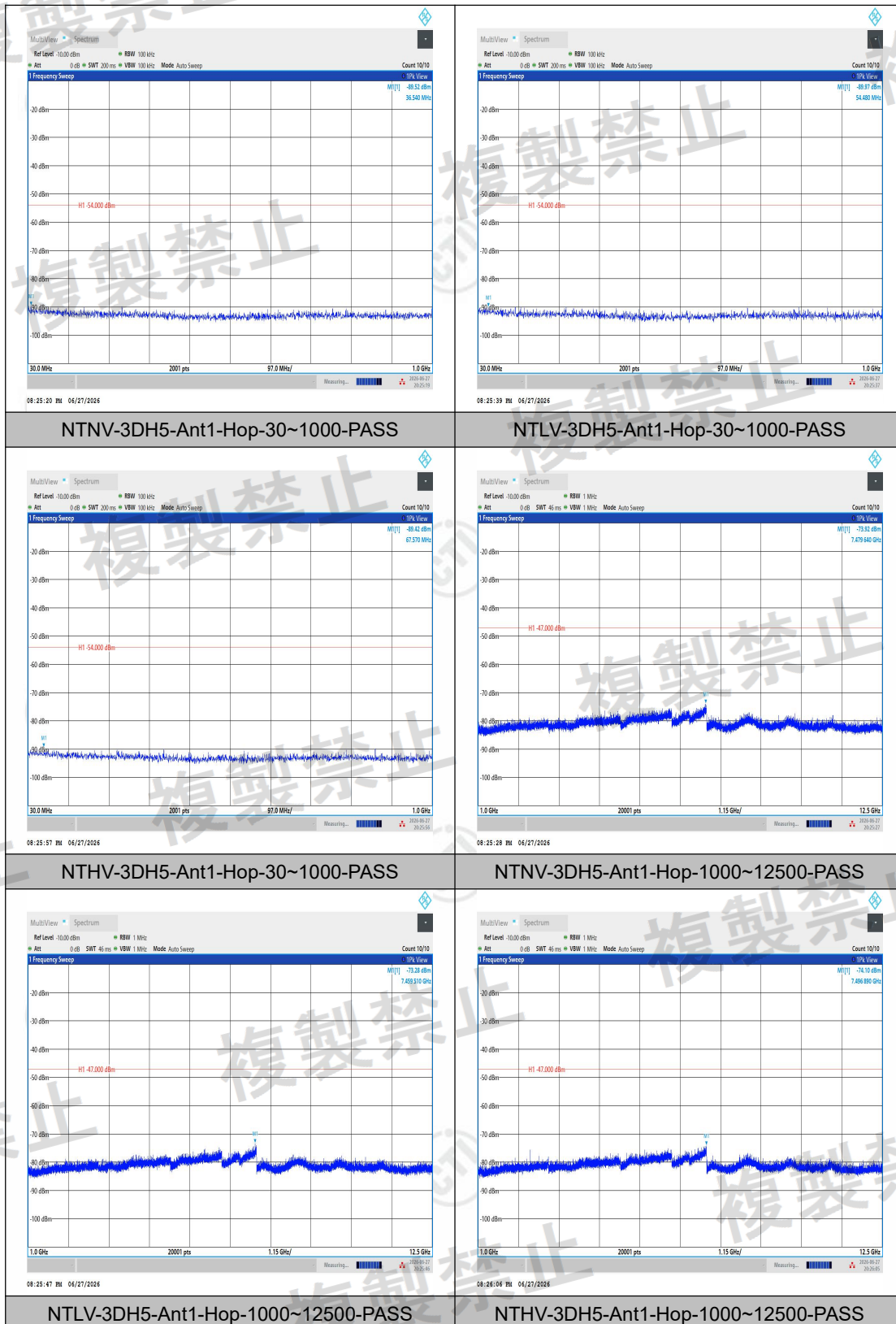












Appendix G: Dwell Time

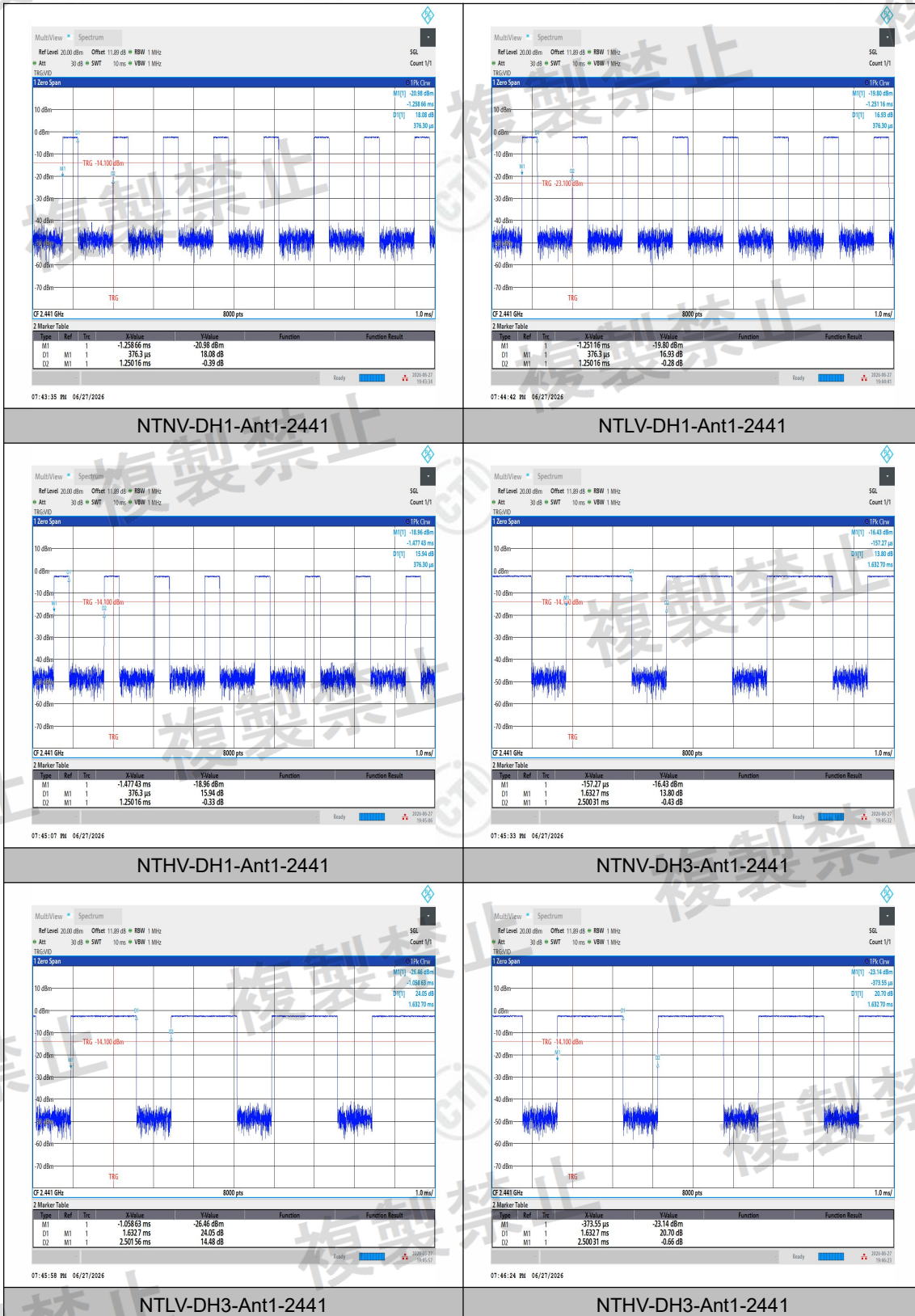
Test Result

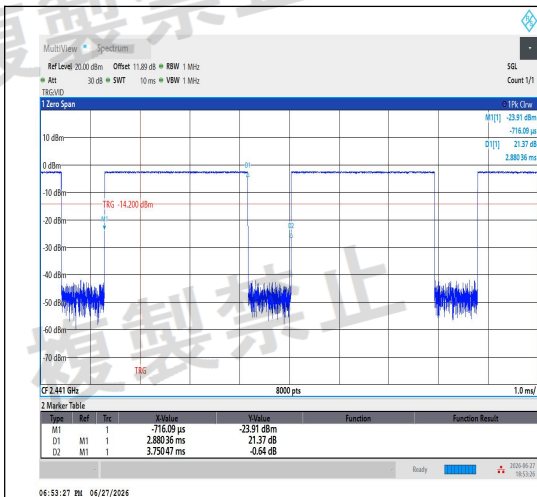
Condition	Mode	Frequency (MHz)	Antenna	T_on(ms)	Period(ms)	Spreading Rate	Hop Number	Dwell Time (ms)	Limit (ms)	Verdict
NTNV	DH1	Ant1	2441	0.38	1.25	71.247	79	109.67	400	Pass
NTLV	DH1	Ant1	2441	0.38	1.25	71.199	79	109.59	400	Pass
NTHV	DH1	Ant1	2441	0.38	1.25	71.263	79	109.69	400	Pass
NTNV	DH3	Ant1	2441	1.63	2.5	71.243	79	235.19	400	Pass
NTLV	DH3	Ant1	2441	1.63	2.5	71.224	79	235.13	400	Pass
NTHV	DH3	Ant1	2441	1.63	2.5	71.207	79	235.07	400	Pass
NTNV	DH5	Ant1	2441	2.88	3.75	71.237	79	277.01	400	Pass
NTLV	DH5	Ant1	2441	2.88	3.75	71.244	79	277.04	400	Pass
NTHV	DH5	Ant1	2441	2.88	3.75	71.22	79	276.95	400	Pass
NTNV	2DH1	Ant1	2441	0.39	1.25	71.164	79	112.42	400	Pass
NTLV	2DH1	Ant1	2441	0.39	1.25	71.333	79	112.69	400	Pass
NTHV	2DH1	Ant1	2441	0.39	1.25	71.482	79	112.92	400	Pass
NTNV	2DH3	Ant1	2441	1.64	2.5	71.346	79	236.98	400	Pass
NTLV	2DH3	Ant1	2441	1.64	2.5	71.268	79	236.72	400	Pass
NTHV	2DH3	Ant1	2441	1.64	2.5	71.141	79	236.30	400	Pass
NTNV	2DH5	Ant1	2441	2.89	3.75	71.334	79	278.35	400	Pass
NTLV	2DH5	Ant1	2441	2.89	3.75	71.085	79	277.38	400	Pass
NTHV	2DH5	Ant1	2441	2.89	3.75	71.369	79	278.49	400	Pass
NTNV	3DH1	Ant1	2441	0.39	1.25	70.897	79	112.00	400	Pass
NTLV	3DH1	Ant1	2441	0.39	1.25	71.068	79	112.27	400	Pass
NTHV	3DH1	Ant1	2441	0.39	1.25	71.426	79	112.83	400	Pass
NTNV	3DH3	Ant1	2441	1.64	2.5	71.238	79	236.62	400	Pass
NTLV	3DH3	Ant1	2441	1.64	2.5	71.279	79	236.75	400	Pass
NTHV	3DH3	Ant1	2441	1.64	2.5	71.23	79	236.59	400	Pass
NTNV	3DH5	Ant1	2441	2.89	3.75	71.045	79	277.23	400	Pass
NTLV	3DH5	Ant1	2441	2.89	3.75	71.308	79	278.25	400	Pass
NTHV	3DH5	Ant1	2441	2.89	3.75	71.262	79	278.07	400	Pass

Dwell time=(0.4(s)*[Spreading rate]*[Transmission time of 1 burst(s)])/([Burst cycle(s)]*[No. of hopping channel]);

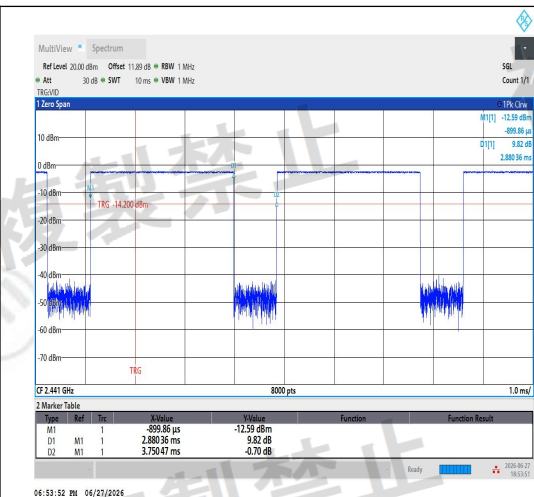
Note: Spreading rate=[Spread bandwidth(actual measurement value)]/[Transmission rate];

Test Graphs

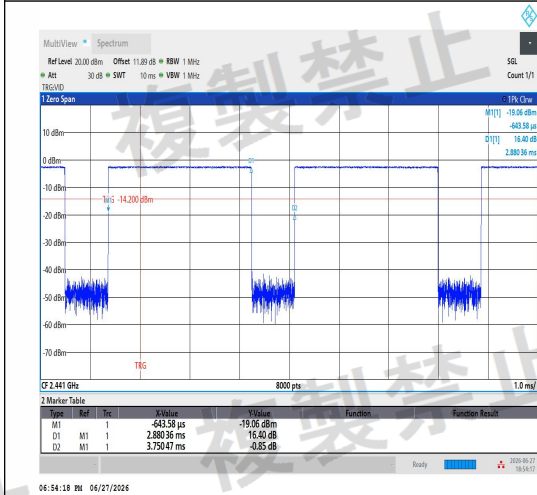




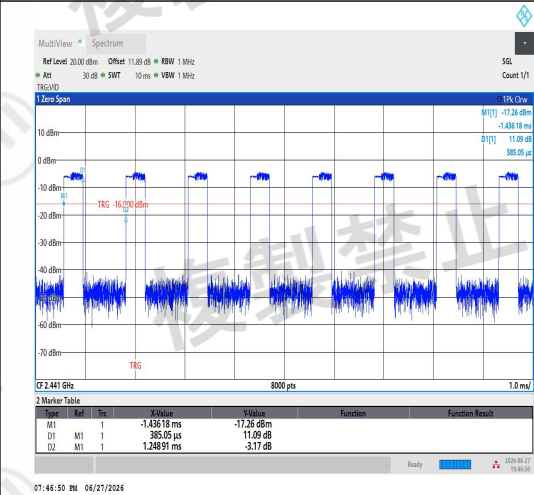
NTNV-DH5-Ant1-2441



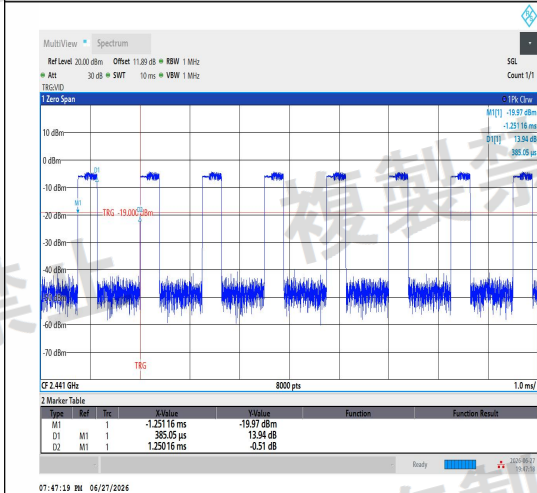
NTLV-DH5-Ant1-2441



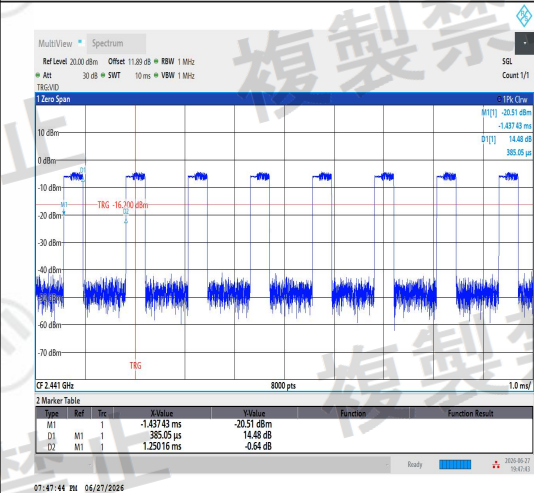
NTHV-DH5-Ant1-2441



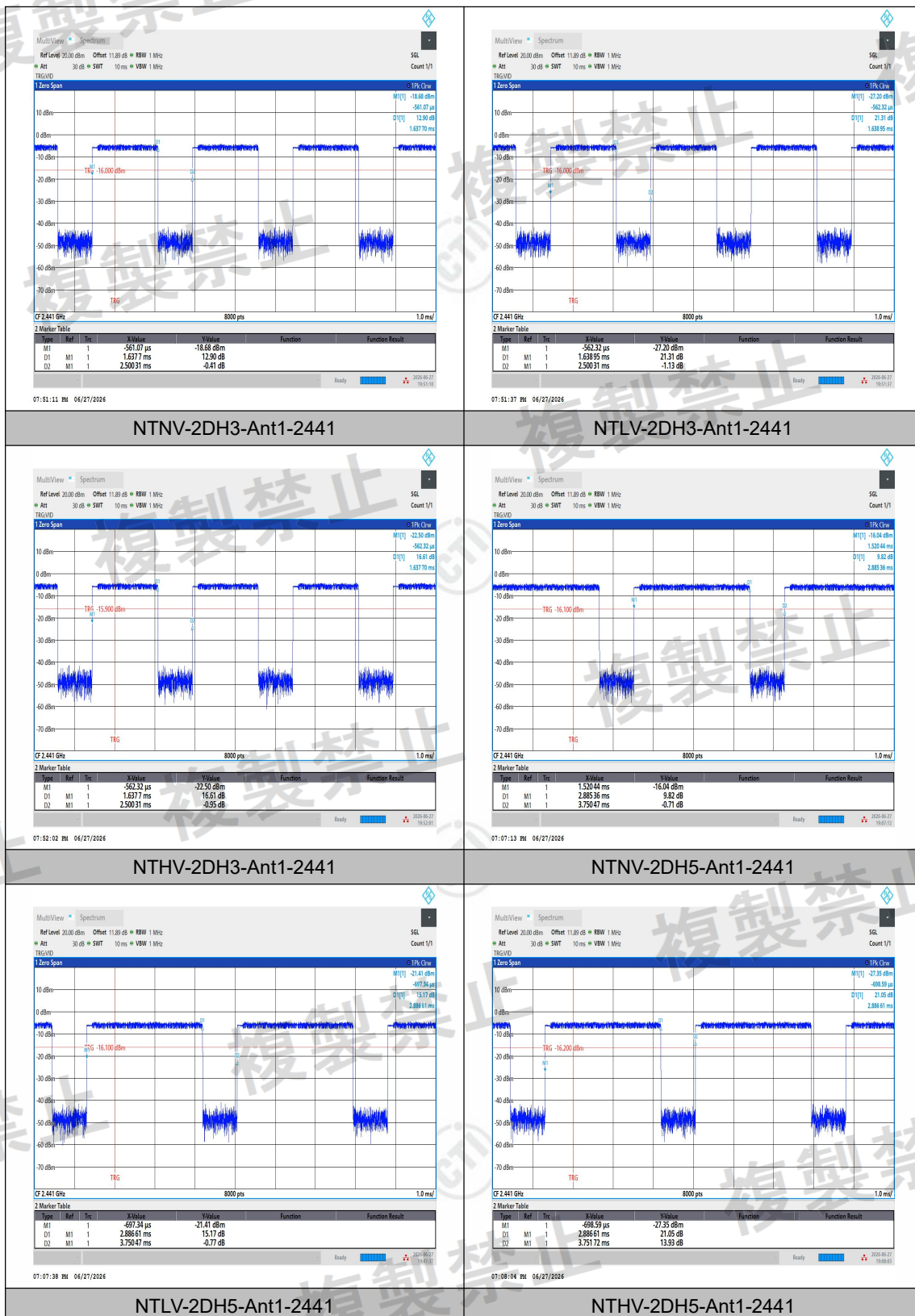
NTNV-2DH1-Ant1-2441

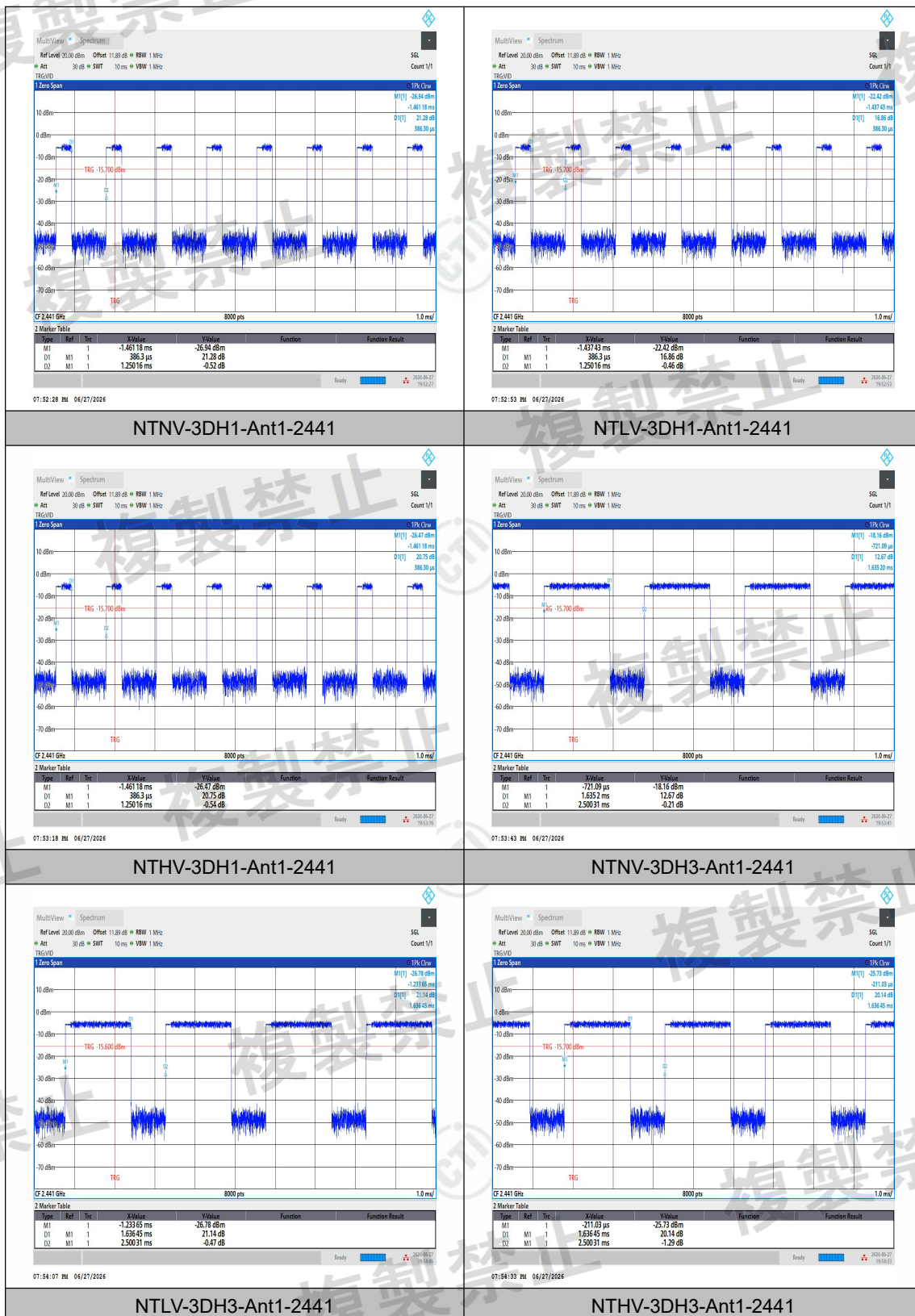


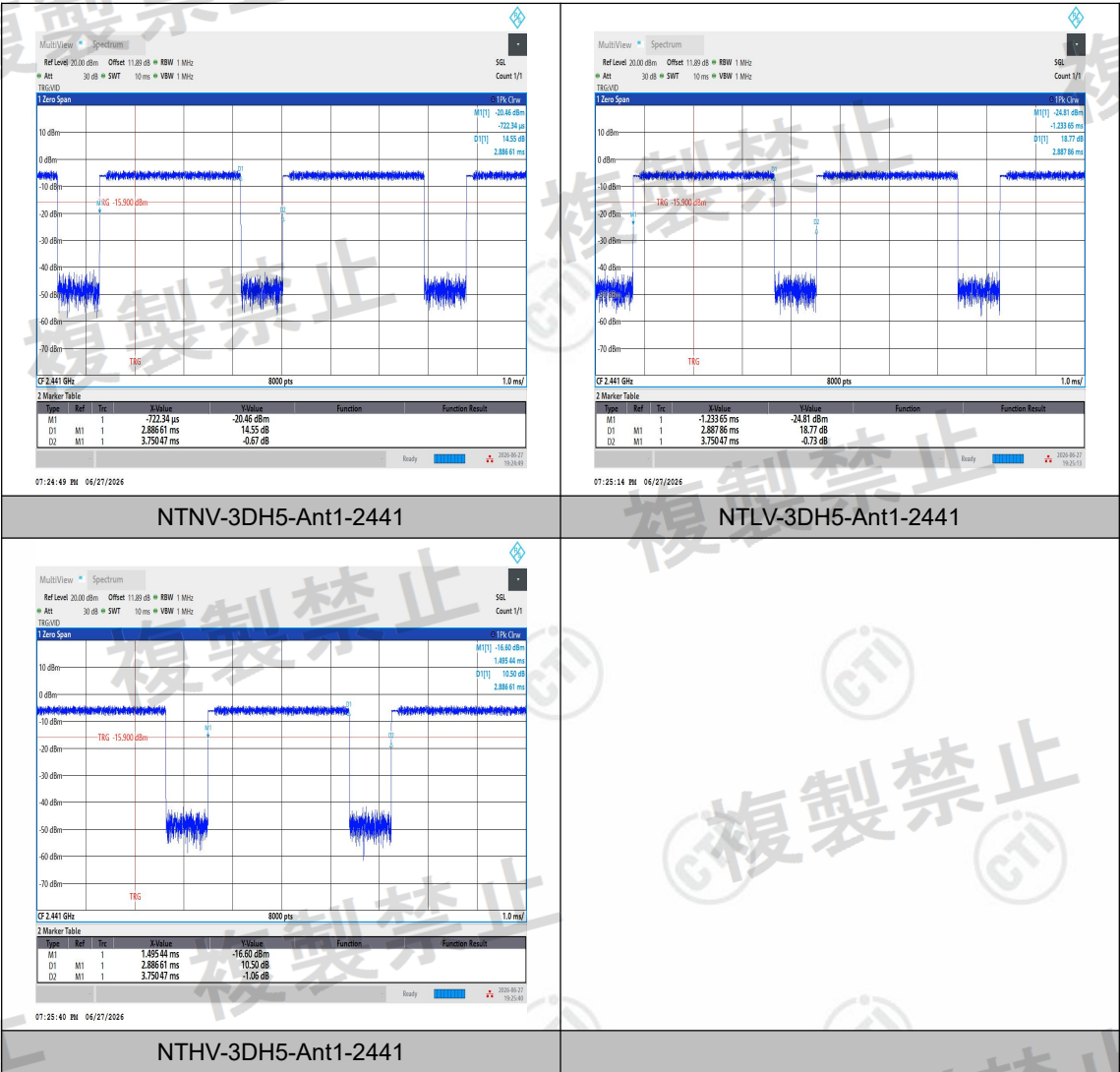
NTLV-2DH1-Ant1-2441



NTHV-2DH1-Ant1-2441







*** End of Report ***