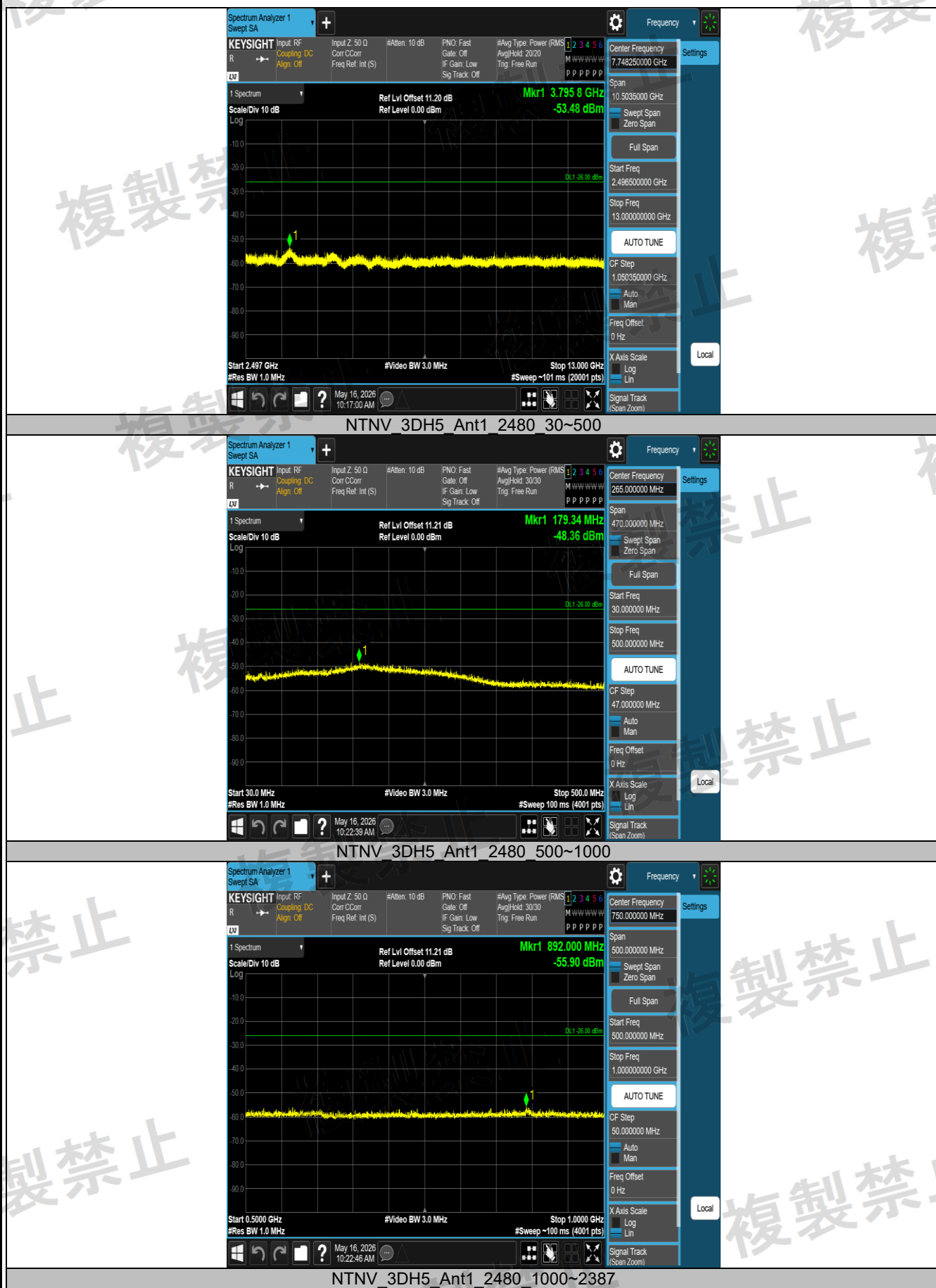
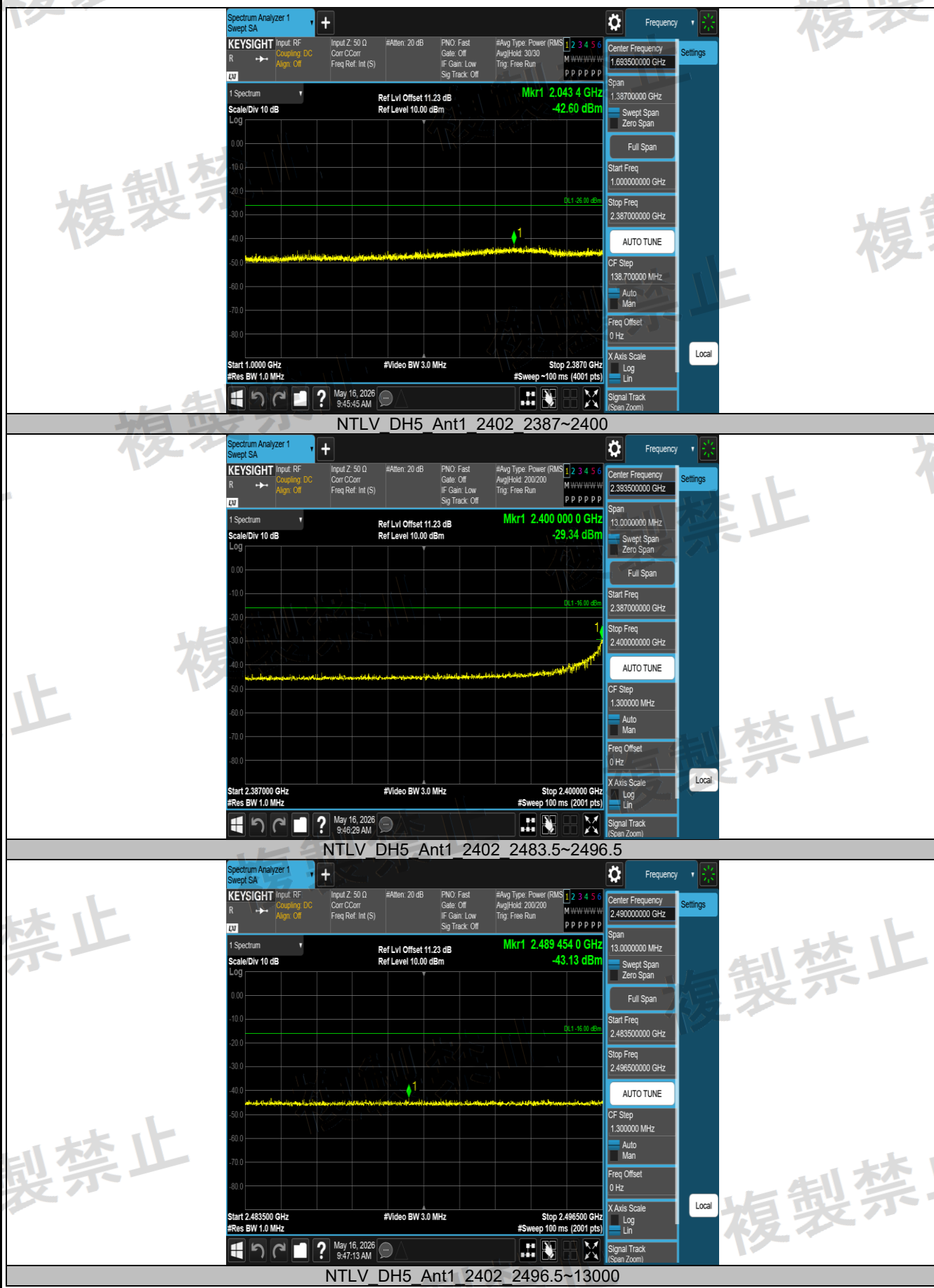


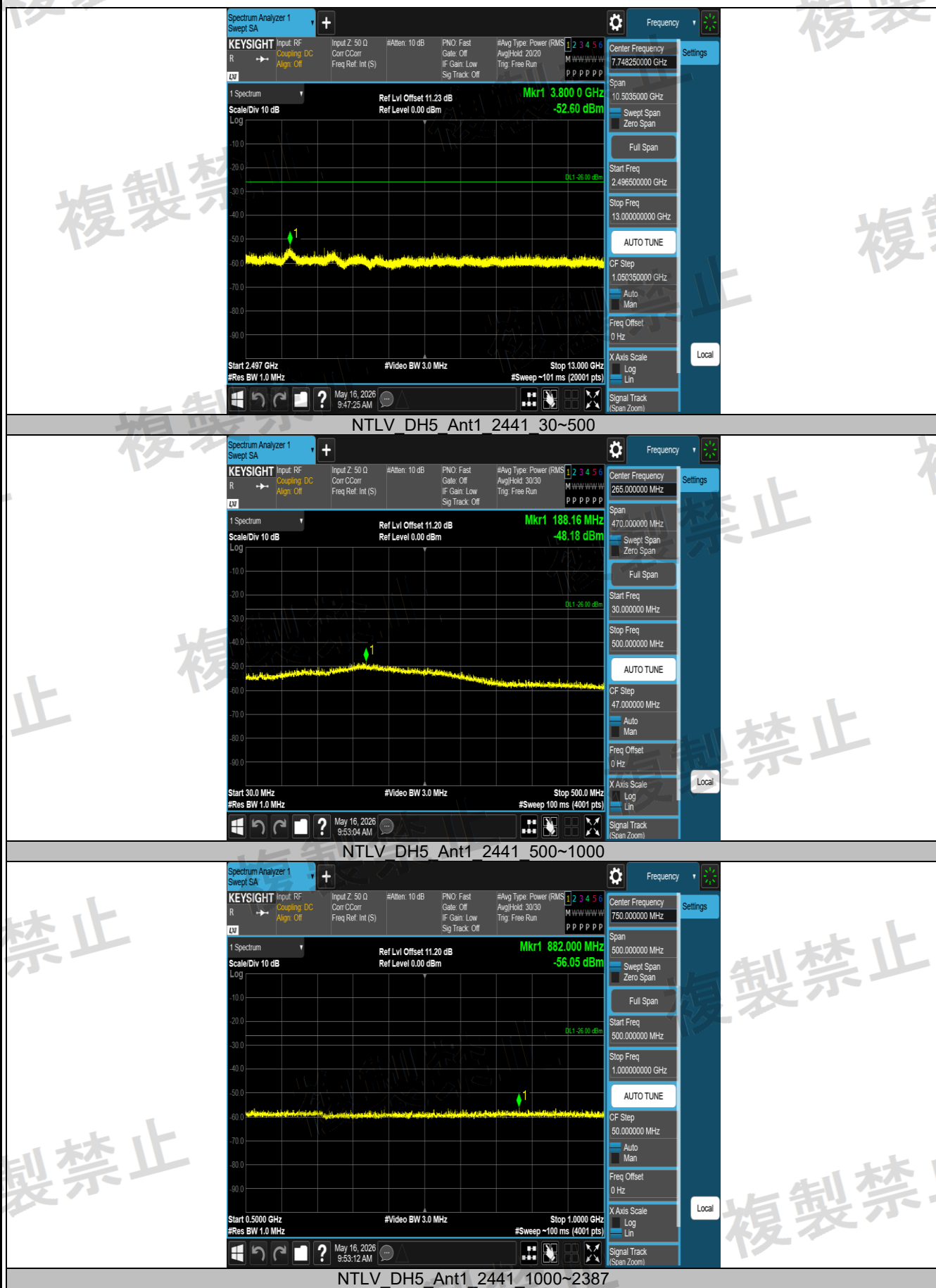




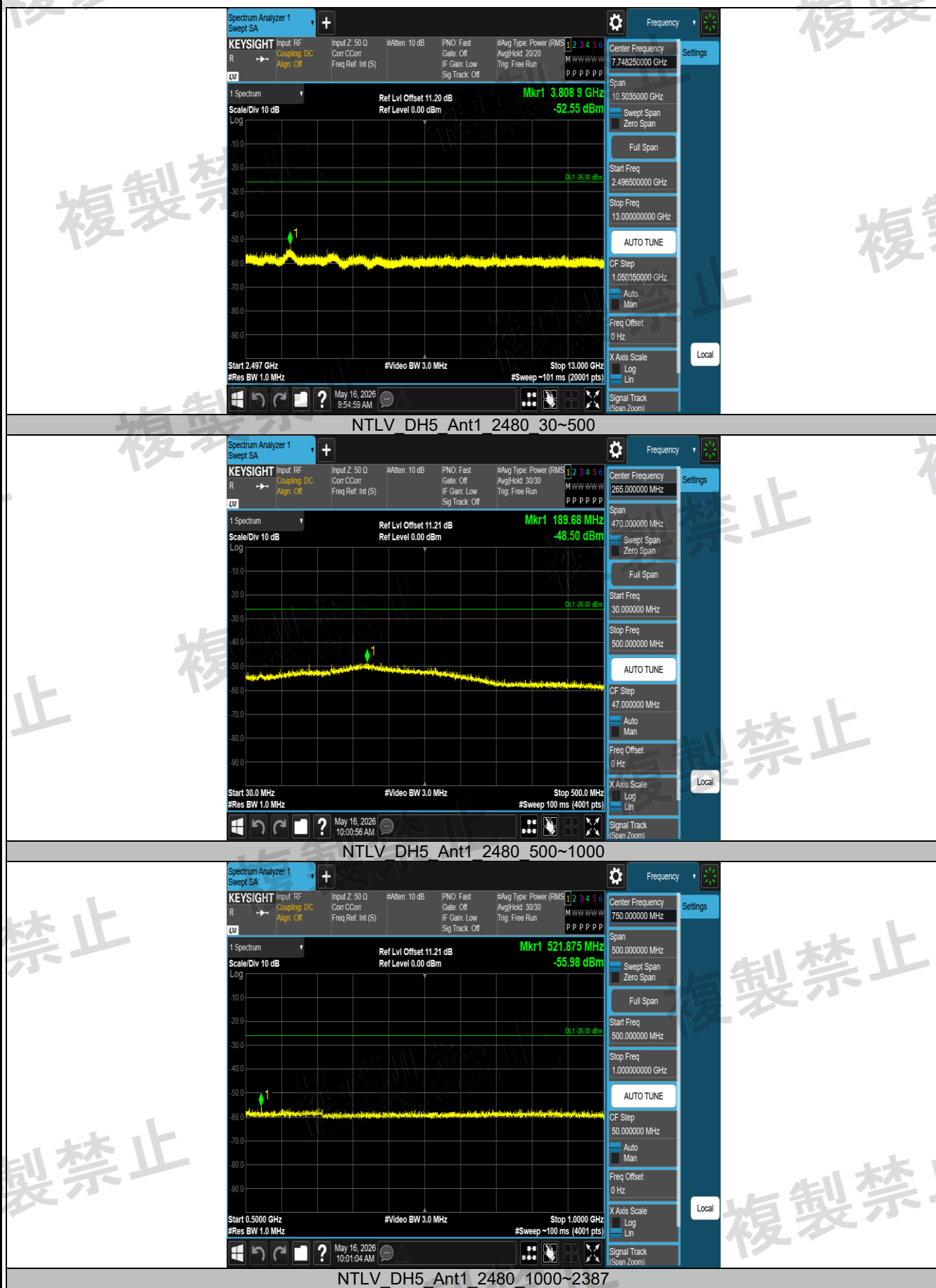












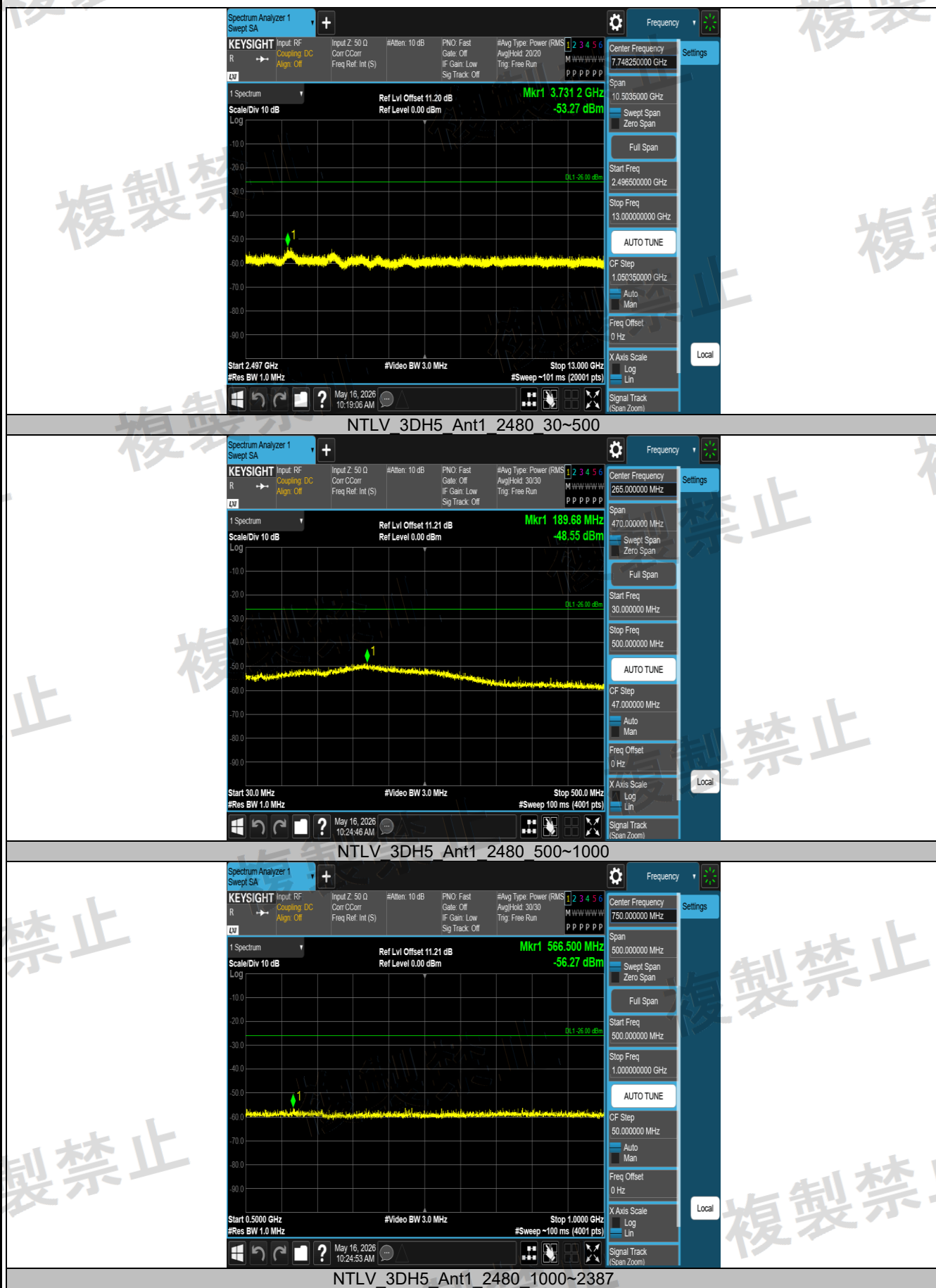




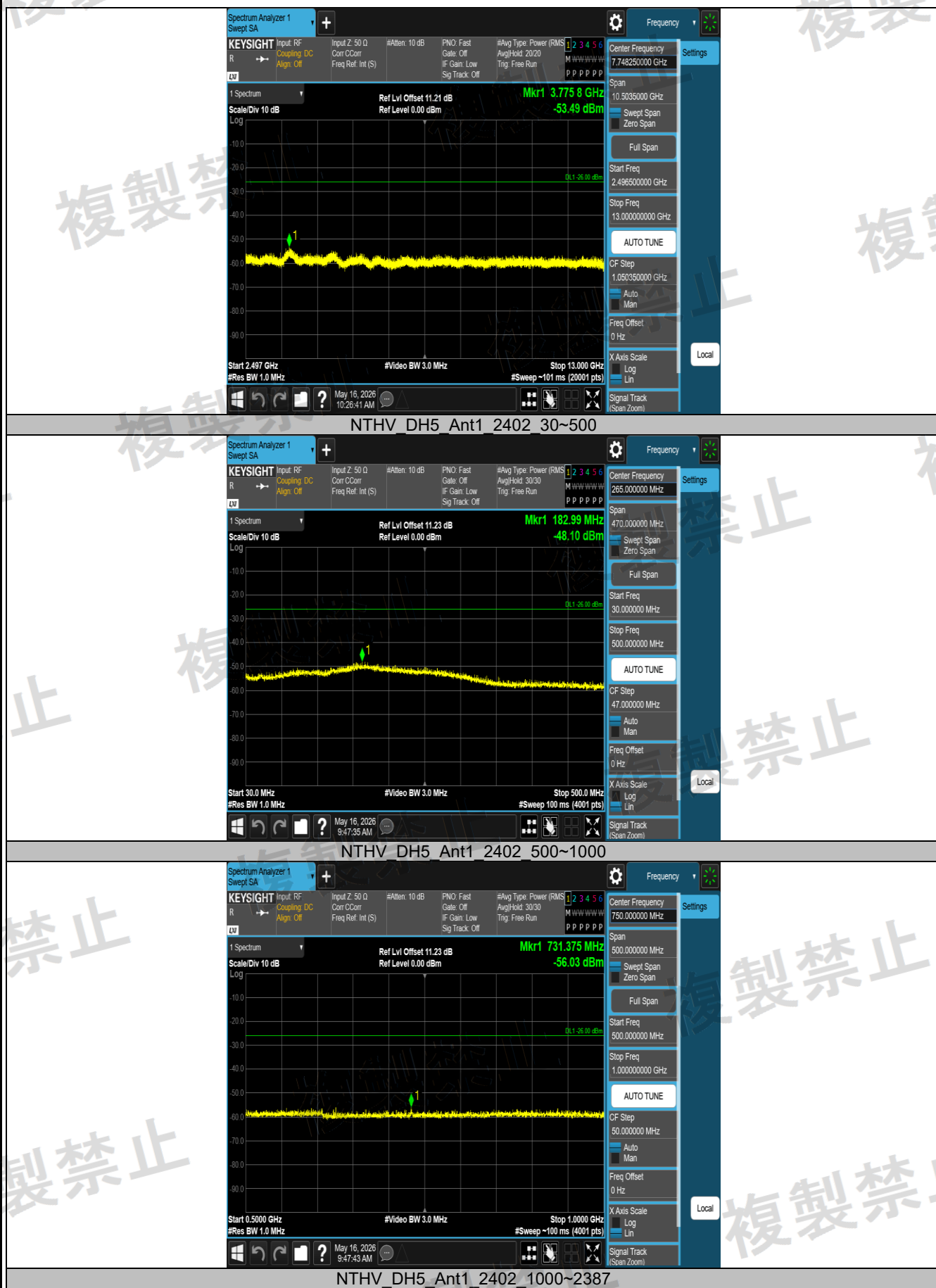




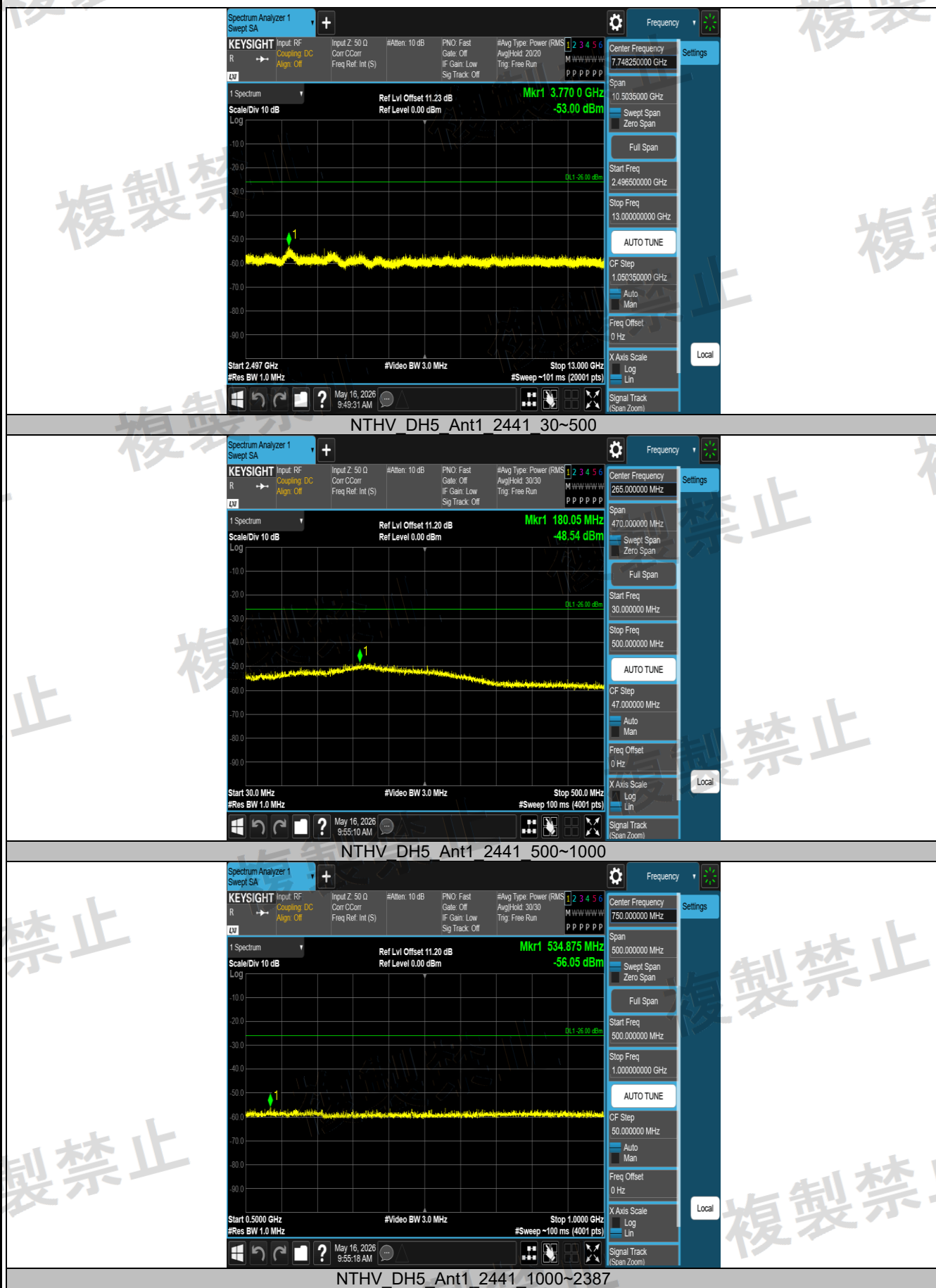










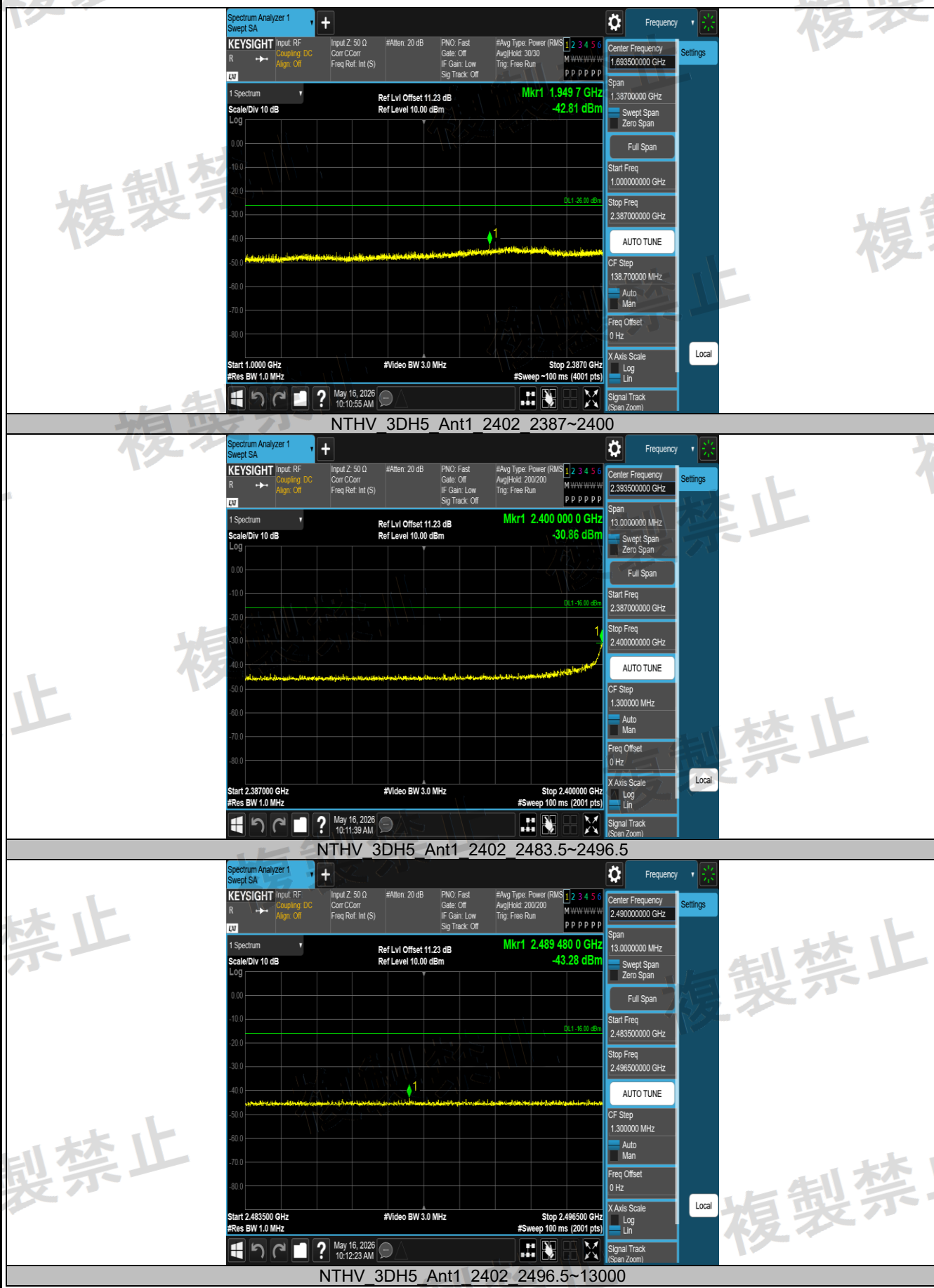










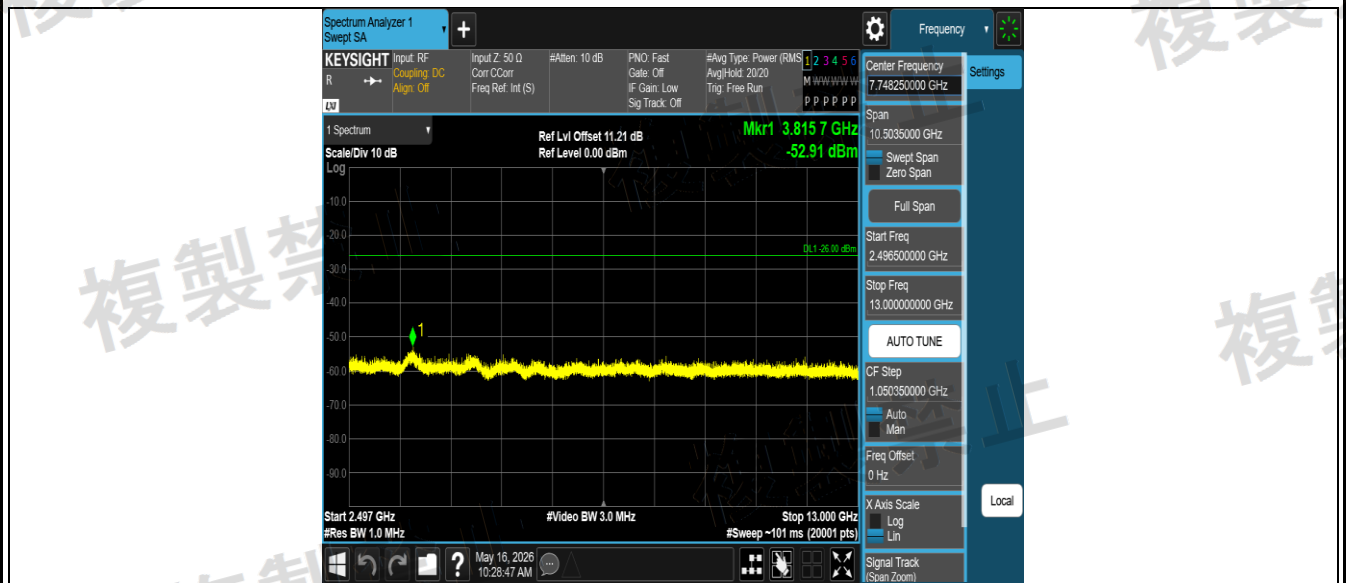












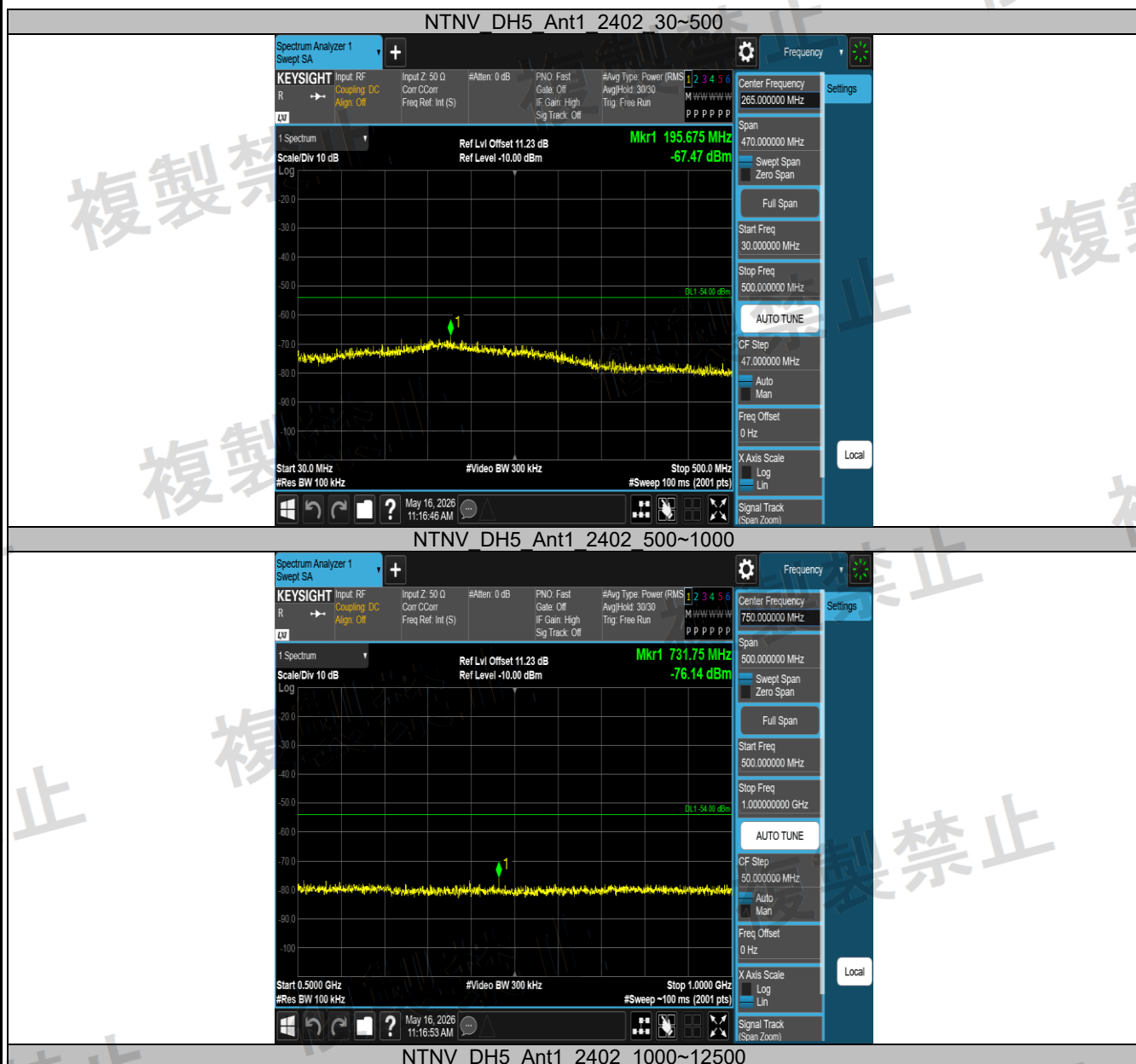
Appendix A.6: Test Results of Spurious Emissions for Receiver

Test Result

Test Condition	Test Mode	Antenna	Freq(MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~500	195.68	-67.47	≤-54	0.17906	≤4	PASS
				500~1000	731.75	-76.15	≤-54	0.02427	≤4	PASS
				1000~12500	2033.28	-63.94	≤-47	0.40365	≤20	PASS
			2441	30~500	142.57	-68.14	≤-54	0.15346	≤4	PASS
				500~1000	731.75	-74.60	≤-54	0.03467	≤4	PASS
				1000~12500	3901.45	-63.60	≤-47	0.43652	≤20	PASS
			2480	30~500	186.51	-67.92	≤-54	0.16144	≤4	PASS
				500~1000	731.75	-75.41	≤-54	0.02877	≤4	PASS
				1000~12500	3822.68	-63.80	≤-47	0.41687	≤20	PASS
	3DH5	Ant1	2402	30~500	178.05	-67.46	≤-54	0.17947	≤4	PASS
				500~1000	731.75	-75.04	≤-54	0.03133	≤4	PASS
				1000~12500	2099.98	-63.26	≤-47	0.47206	≤20	PASS
			2441	30~500	142.57	-67.92	≤-54	0.16144	≤4	PASS
				500~1000	731.75	-76.02	≤-54	0.02500	≤4	PASS
				1000~12500	3760.58	-63.30	≤-47	0.46774	≤20	PASS
			2480	30~500	179.46	-68.03	≤-54	0.15740	≤4	PASS
				500~1000	731.75	-75.28	≤-54	0.02965	≤4	PASS
				1000~12500	3810.60	-63.07	≤-47	0.49317	≤20	PASS
NTLV	DH5	Ant1	2402	30~500	186.28	-67.85	≤-54	0.16406	≤4	PASS
				500~1000	731.75	-75.46	≤-54	0.02844	≤4	PASS
				1000~12500	3739.30	-63.21	≤-47	0.47753	≤20	PASS
			2441	30~500	195.44	-68.31	≤-54	0.14757	≤4	PASS
				500~1000	731.75	-76.40	≤-54	0.02291	≤4	PASS
				1000~12500	3760.00	-63.74	≤-47	0.42267	≤20	PASS
			2480	30~500	178.05	-68.21	≤-54	0.15101	≤4	PASS
				500~1000	731.75	-75.80	≤-54	0.02630	≤4	PASS
				1000~12500	3640.98	-63.78	≤-47	0.41879	≤20	PASS
	3DH5	Ant1	2402	30~500	169.83	-67.81	≤-54	0.16558	≤4	PASS
				500~1000	731.75	-75.51	≤-54	0.02812	≤4	PASS
				1000~12500	3821.53	-63.64	≤-47	0.43251	≤20	PASS
			2441	30~500	171.94	-67.57	≤-54	0.17498	≤4	PASS
				500~1000	731.75	-75.48	≤-54	0.02831	≤4	PASS
				1000~12500	3837.05	-63.98	≤-47	0.39994	≤20	PASS
			2480	30~500	166.07	-68.22	≤-54	0.15066	≤4	PASS
				500~1000	731.75	-75.26	≤-54	0.02979	≤4	PASS
				1000~12500	3742.75	-61.95	≤-47	0.63826	≤20	PASS
NTHV	DH5	Ant1	2402	30~500	171.71	-67.76	≤-54	0.16749	≤4	PASS
				500~1000	731.75	-75.35	≤-54	0.02917	≤4	PASS
				1000~12500	3753.68	-63.05	≤-47	0.49545	≤20	PASS
			2441	30~500	171.24	-68.38	≤-54	0.14521	≤4	PASS
				500~1000	731.75	-76.17	≤-54	0.02415	≤4	PASS
				1000~12500	3773.80	-62.16	≤-47	0.60814	≤20	PASS
			2480	30~500	181.81	-67.64	≤-54	0.17219	≤4	PASS
				500~1000	731.75	-74.43	≤-54	0.03606	≤4	PASS
				1000~12500	2081.00	-63.44	≤-47	0.45290	≤20	PASS
	3DH5	Ant1	2402	30~500	168.18	-68.15	≤-54	0.15311	≤4	PASS
				500~1000	731.75	-75.22	≤-54	0.03006	≤4	PASS
				1000~12500	2133.90	-63.87	≤-47	0.41020	≤20	PASS
			2441	30~500	184.16	-67.87	≤-54	0.16331	≤4	PASS
				500~1000	731.75	-74.86	≤-54	0.03266	≤4	PASS
				1000~12500	3786.45	-63.42	≤-47	0.45499	≤20	PASS
			2480	30~500	188.86	-68.67	≤-54	0.13583	≤4	PASS
				500~1000	731.75	-75.77	≤-54	0.02649	≤4	PASS
				1000~12500	3785.30	-63.59	≤-47	0.43752	≤20	PASS



Test Graphs







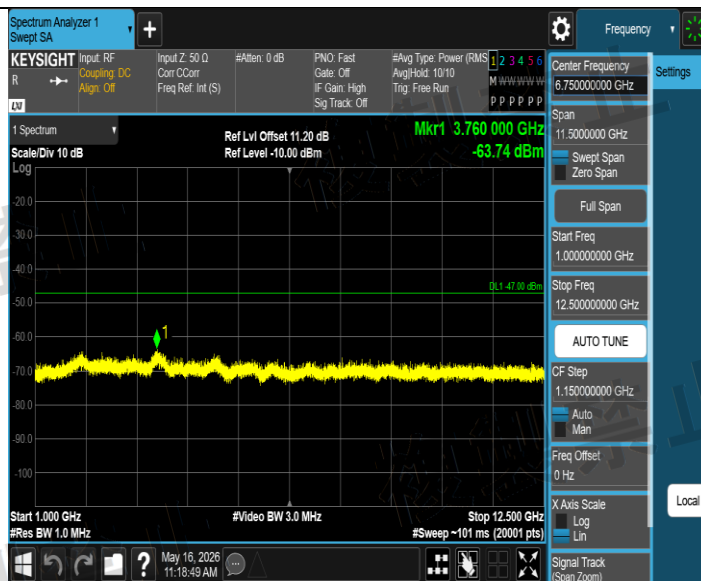




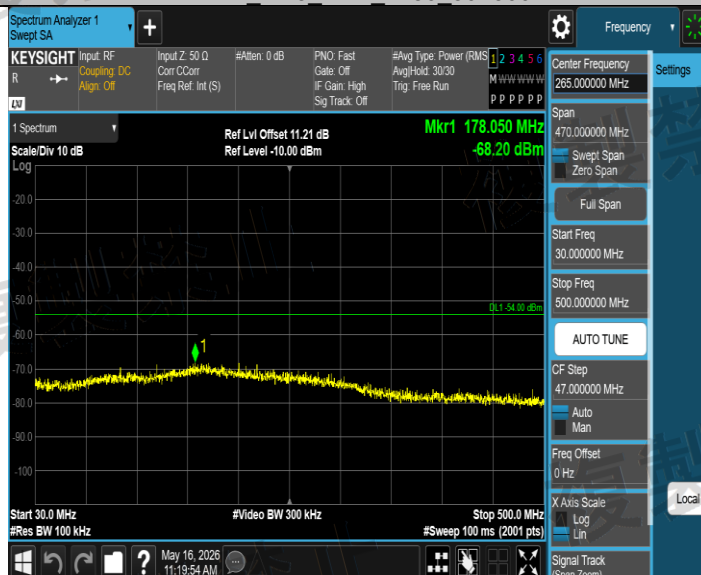




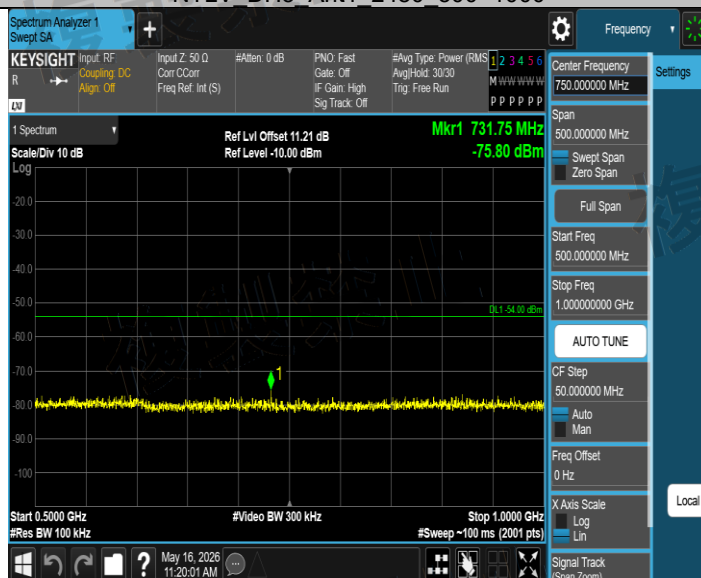




NTLV DH5 Ant1 2480 500~1000



NTLV DH5 Ant1 2480 500~1000



NTLV DH5 Ant1 2480 1000~12500









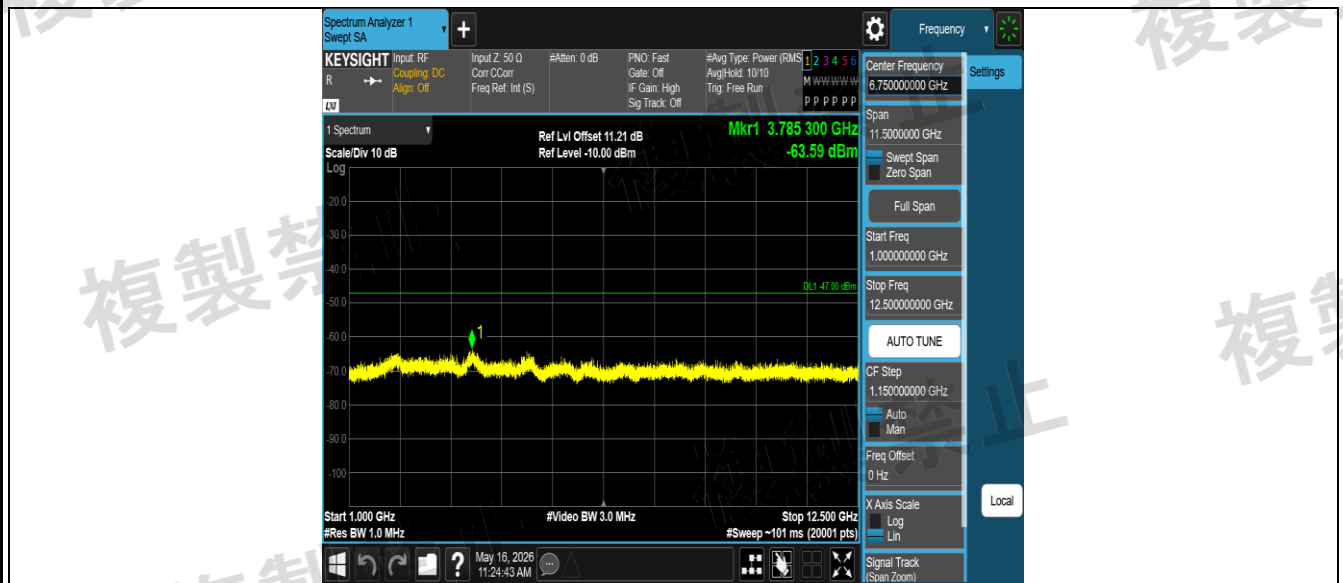












**Appendix A.7: Test Results of Max. Burst Length / Dwell Time***Test Result*

Test mode	Duty cycle	Spreading Bandwidth (MHz)	Channel numbers	Dwell Time (msec)	Limit (msec)	Verdict
DH5	76.80%	71.080	79	0.276	0.4	PASS
3DH5	77.07%	71.030	79	0.277	0.4	PASS