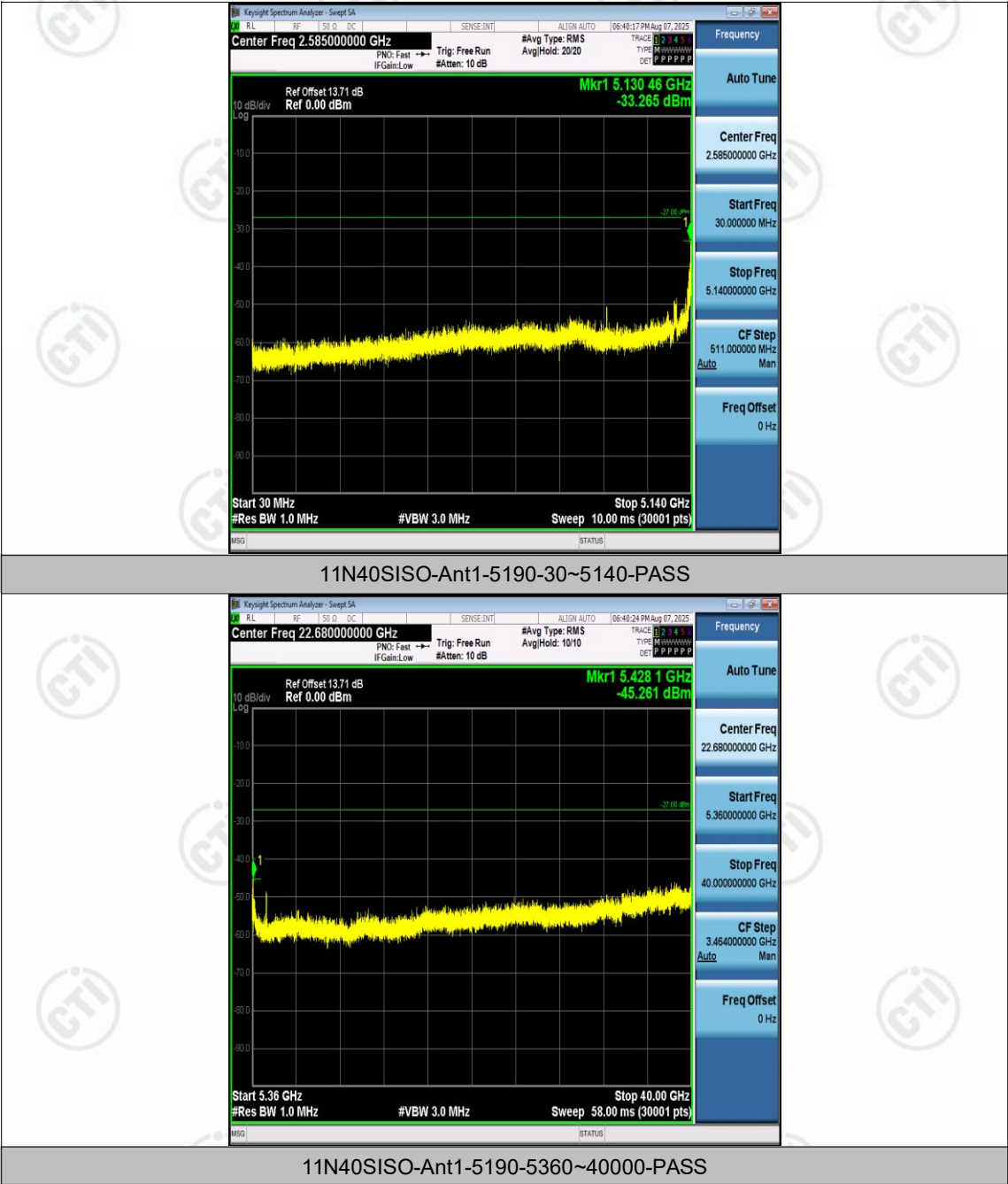
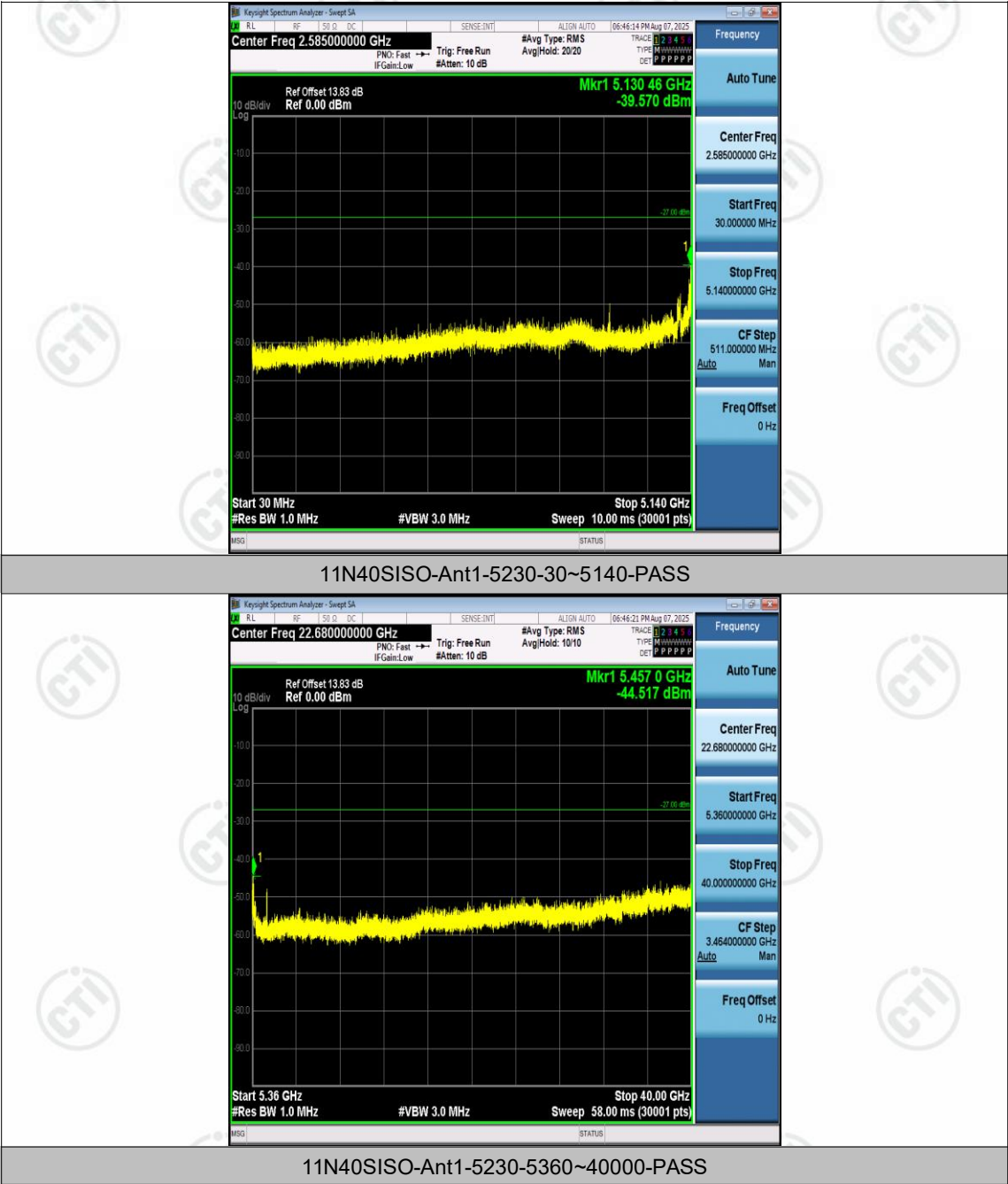
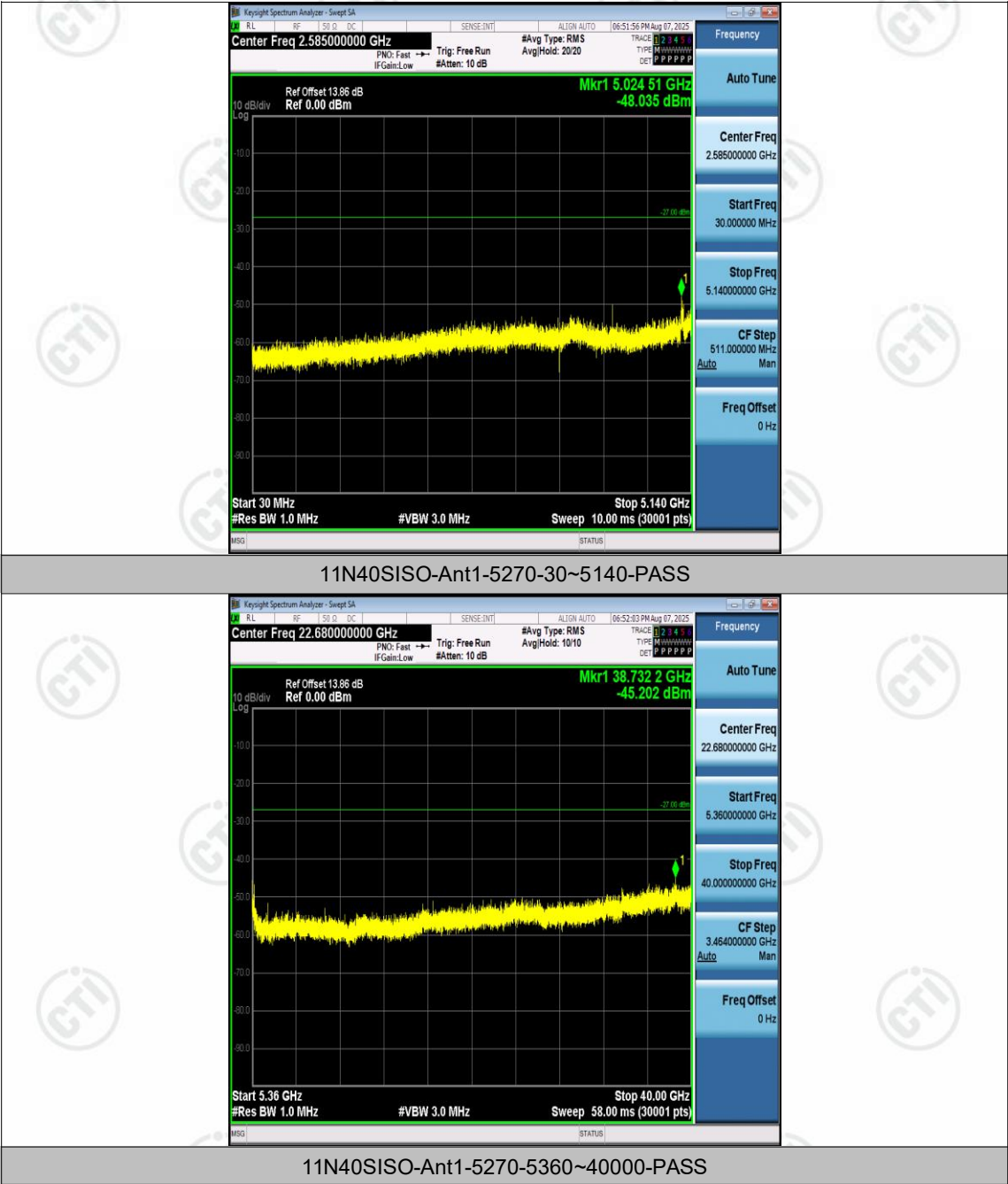
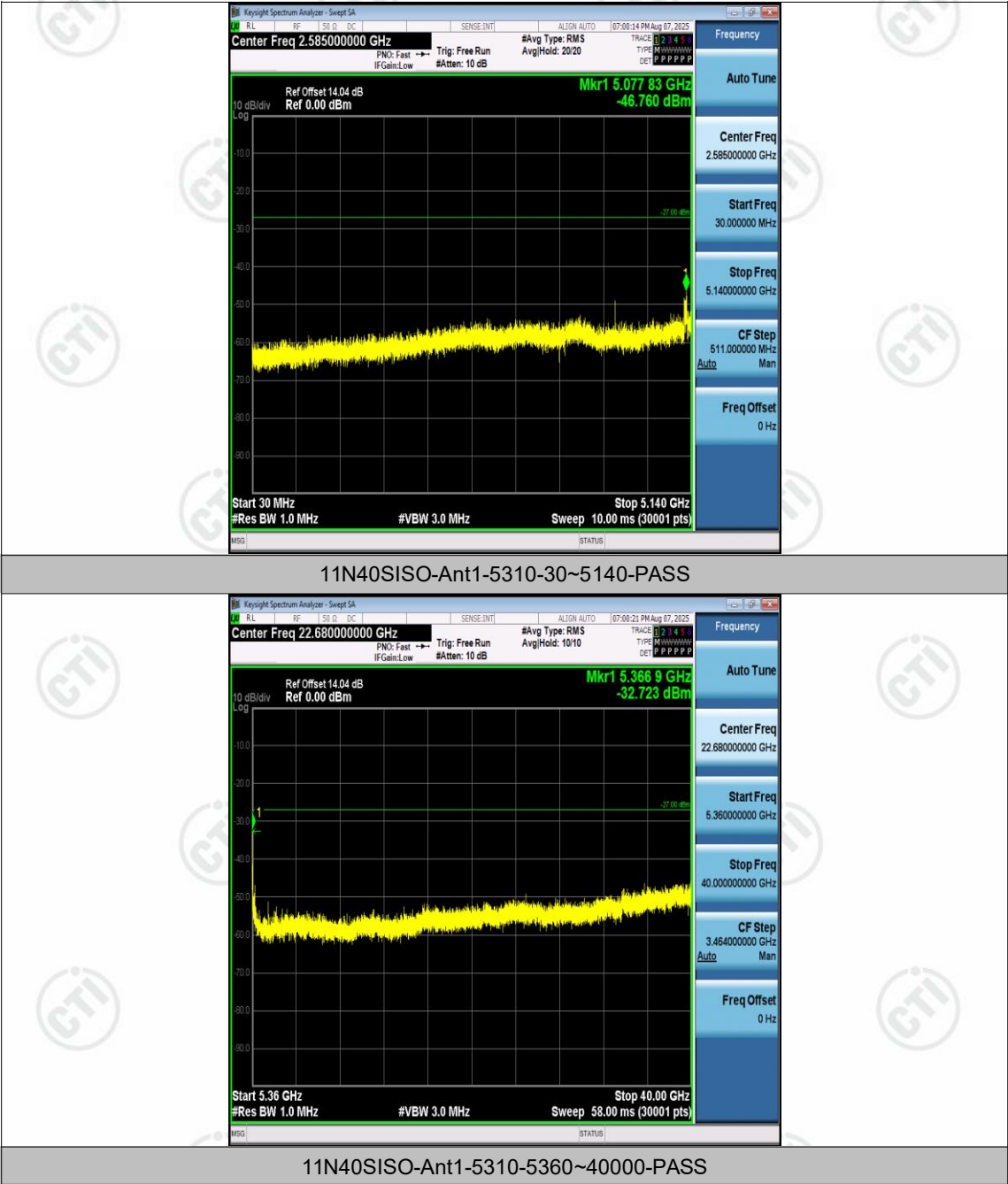
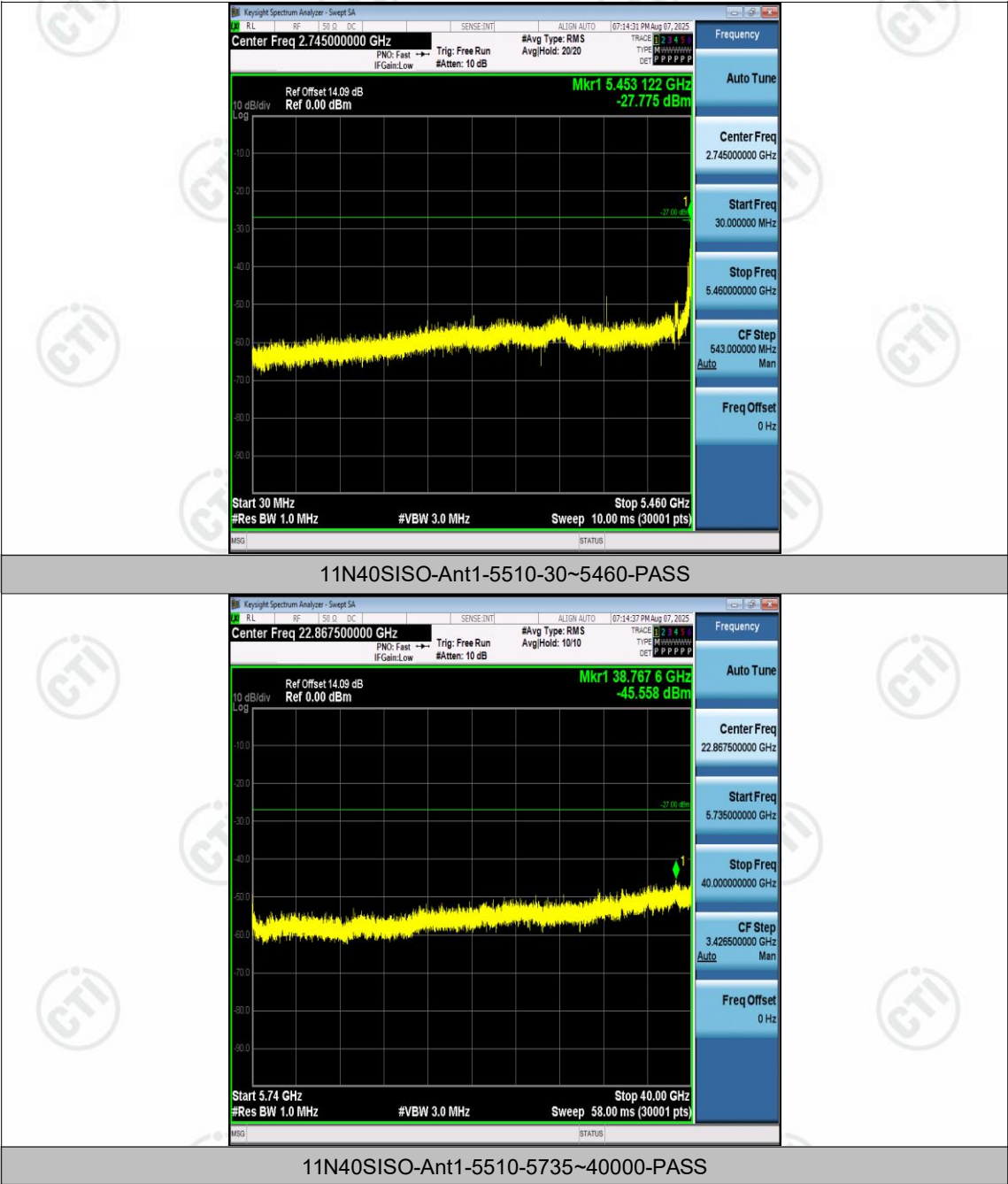


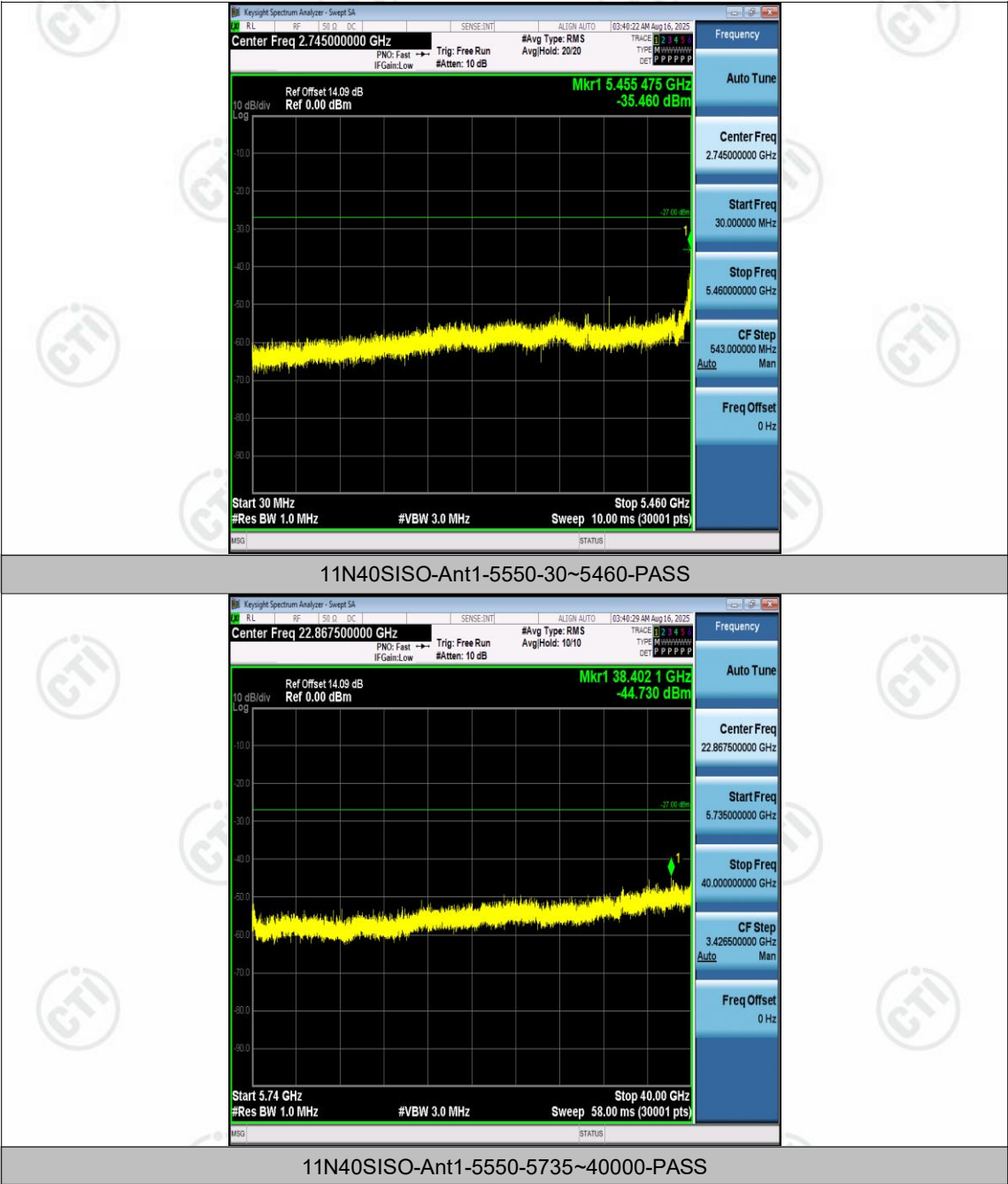


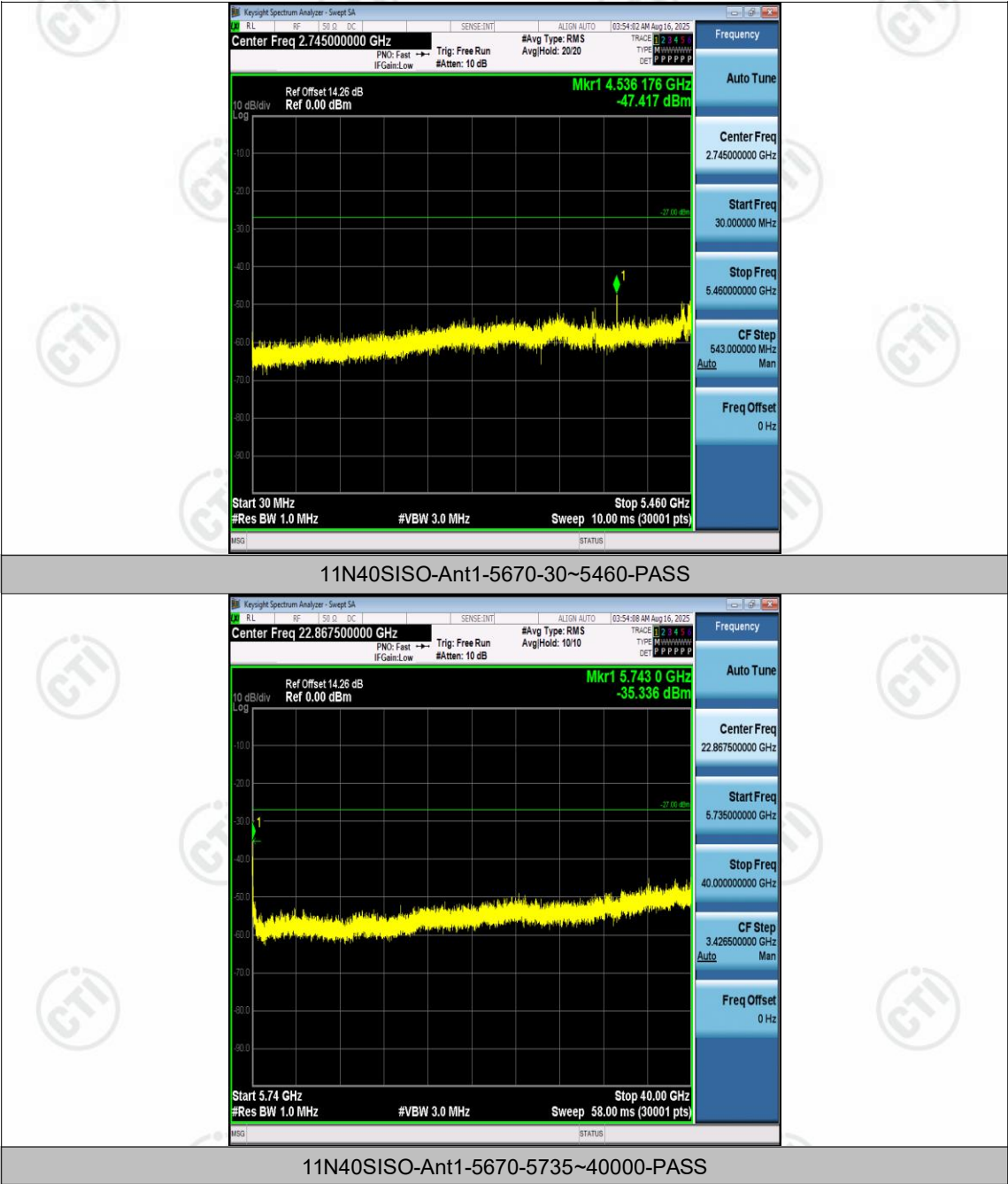


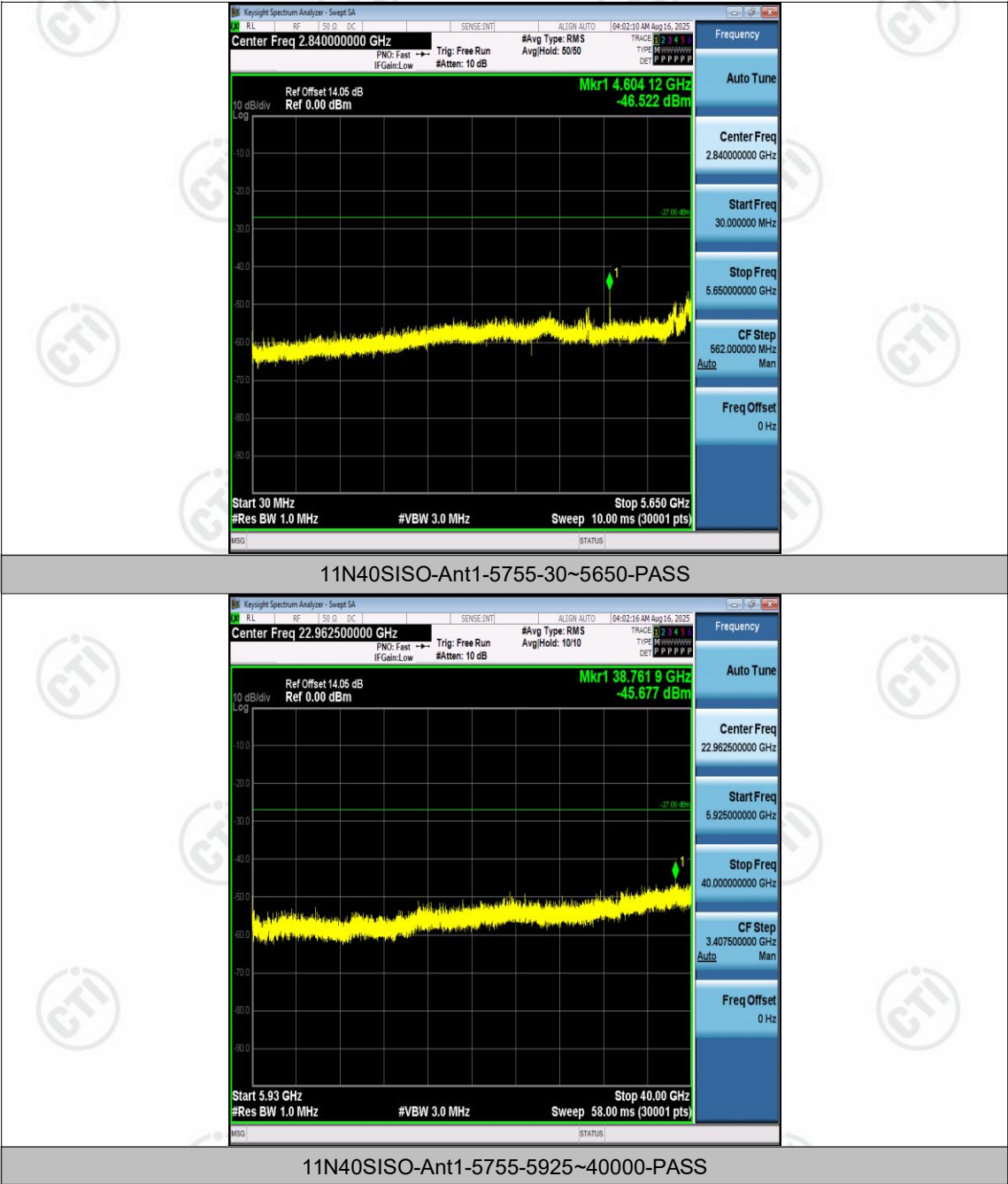


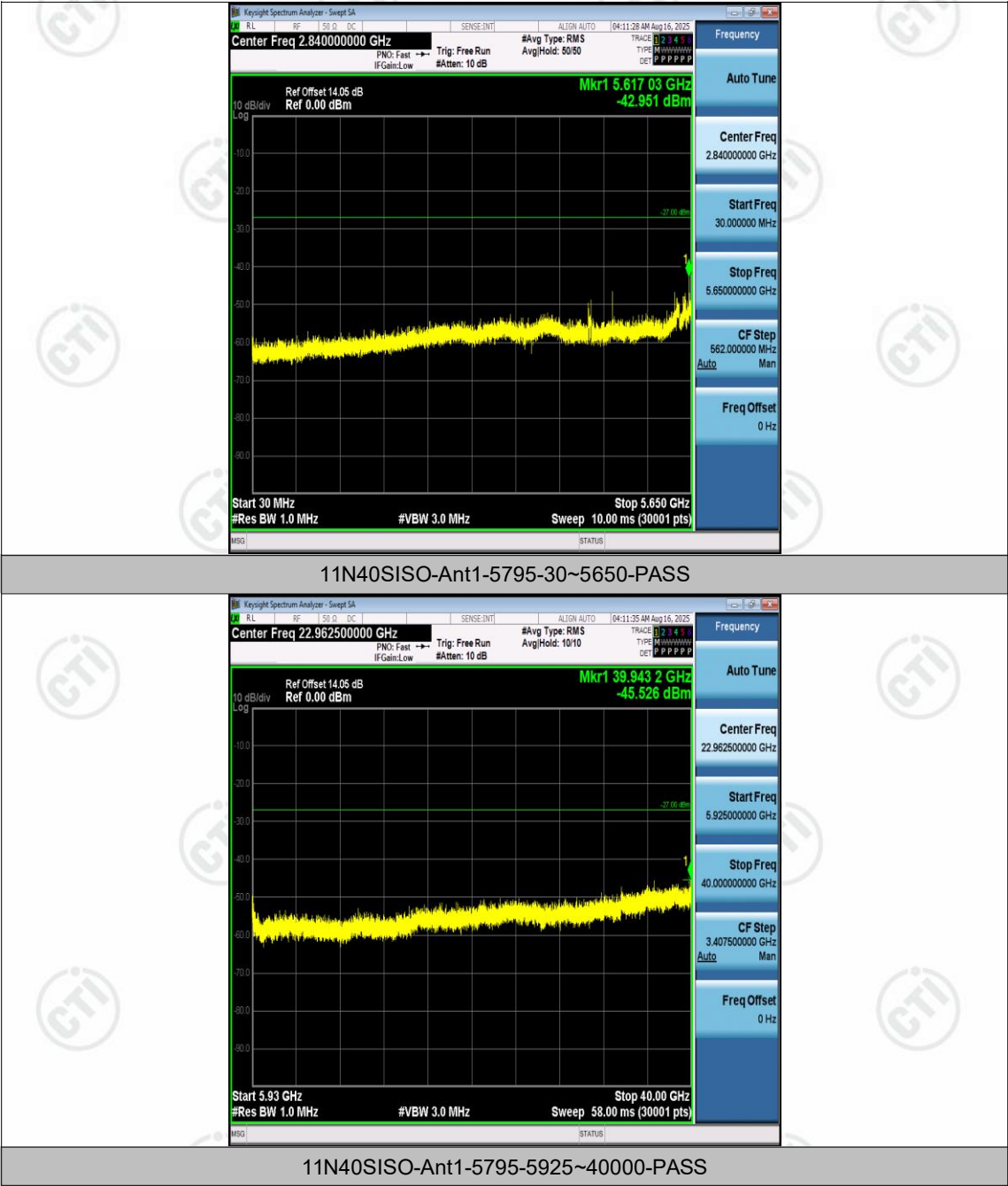












Appendix G: Frequency Stability**Test Result**

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11A	Ant1	5220	NV	NT	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	LV	NT	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	HV	NT	-20000.00	-3.831418	20	PASS
11A	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	HV	NT	-40000.00	-7.633588	20	PASS
11A	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11A	Ant1	5260	LV	NT	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	HV	NT	-40000.00	-7.604563	20	PASS
11A	Ant1	5300	NV	NT	-60000.00	-11.320755	20	PASS
11A	Ant1	5300	LV	NT	-40000.00	-7.547170	20	PASS
11A	Ant1	5300	HV	NT	-40000.00	-7.547170	20	PASS
11A	Ant1	5320	NV	NT	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	HV	NT	-40000.00	-7.518797	20	PASS
11A	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	LV	NT	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	HV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5580	NV	NT	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	LV	NT	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	HV	NT	-40000.00	-7.168459	20	PASS
11A	Ant1	5700	NV	NT	-40000.00	-7.017544	20	PASS
11A	Ant1	5700	LV	NT	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	HV	NT	-40000.00	-7.017544	20	PASS
11A	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11A	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS

11A	Ant1	5825	LV	NT	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5220	NV	NT	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	LV	NT	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	HV	NT	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5260	NV	NT	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	LV	NT	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	HV	NT	-40000.00	-7.604563	20	PASS
11N20SI SO	Ant1	5300	NV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5300	LV	NT	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	HV	NT	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5320	NV	NT	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	LV	NT	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	HV	NT	-40000.00	-7.518797	20	PASS
11N20SI SO	Ant1	5500	NV	NT	-20000.00	-3.636364	20	PASS

11N20SI SO	Ant1	5500	LV	NT	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	HV	NT	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5580	NV	NT	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	LV	NT	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	HV	NT	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5700	NV	NT	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	LV	NT	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	HV	NT	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	HV	NT	-60000.00	-10.443864	20	PASS
11N20SI SO	Ant1	5785	NV	NT	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	LV	NT	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5785	HV	NT	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	LV	NT	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
11N40SI SO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS

11N40SI SO	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5270	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	LV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5550	NV	NT	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	LV	NT	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	HV	NT	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5670	NV	NT	-40000.00	-7.054674	20	PASS
11N40SI SO	Ant1	5670	LV	NT	-40000.00	-7.054674	20	PASS
11N40SI SO	Ant1	5670	HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40SI SO	Ant1	5755	LV	NT	-40000.00	-6.950478	20	PASS

11N40SI SO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11N40SI SO	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
11N40SI SO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11N40SI SO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	10	-60000.00	-11.583012	20	PASS
11A	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11A	Ant1	5220	NV	-30	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	NV	-20	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	NV	-10	-60000.00	-11.494253	20	PASS
11A	Ant1	5220	NV	0	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	10	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	NV	20	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	NV	30	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	40	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	NV	50	-40000.00	-7.662835	20	PASS
11A	Ant1	5240	NV	-30	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	0	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	20	-60000.00	-11.450382	20	PASS
11A	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11A	Ant1	5260	NV	-30	-40000.00	-7.604563	20	PASS

11A	Ant1	5260	NV	-20	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	-10	-60000.00	-11.406844	20	PASS
11A	Ant1	5260	NV	0	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	10	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	20	-40000.00	-7.604563	20	PASS
11A	Ant1	5260	NV	30	-60000.00	-11.406844	20	PASS
11A	Ant1	5260	NV	40	-60000.00	-11.406844	20	PASS
11A	Ant1	5260	NV	50	-40000.00	-7.604563	20	PASS
11A	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	0	-40000.00	-7.547170	20	PASS
11A	Ant1	5300	NV	10	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	30	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11A	Ant1	5300	NV	50	-40000.00	-7.547170	20	PASS
11A	Ant1	5320	NV	-30	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	-20	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	-10	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	0	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	10	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	20	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	30	-20000.00	-3.759398	20	PASS
11A	Ant1	5320	NV	40	-40000.00	-7.518797	20	PASS
11A	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11A	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	-20	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	-10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	0	-60000.00	-10.909091	20	PASS
11A	Ant1	5500	NV	10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	20	-20000.00	-3.636364	20	PASS
11A	Ant1	5500	NV	30	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	40	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	50	-40000.00	-7.272727	20	PASS
11A	Ant1	5580	NV	-30	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	-20	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	-10	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	0	-20000.00	-3.584229	20	PASS

11A	Ant1	5580	NV	10	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5580	NV	30	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	40	-20000.00	-3.584229	20	PASS
11A	Ant1	5580	NV	50	-40000.00	-7.168459	20	PASS
11A	Ant1	5700	NV	-30	-40000.00	-7.017544	20	PASS
11A	Ant1	5700	NV	-20	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	NV	-10	-40000.00	-7.017544	20	PASS
11A	Ant1	5700	NV	0	-40000.00	-7.017544	20	PASS
11A	Ant1	5700	NV	10	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	NV	20	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5700	NV	40	-20000.00	-3.508772	20	PASS
11A	Ant1	5700	NV	50	-20000.00	-3.508772	20	PASS
11A	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	20	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	40	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11A	Ant1	5825	NV	-30	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS

11A	Ant1	5825	NV	40	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	50	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	10	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11N20SI SO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11N20SI SO	Ant1	5220	NV	-30	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	-20	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	-10	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	0	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	10	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	20	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	30	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5220	NV	40	-20000.00	-3.831418	20	PASS
11N20SI SO	Ant1	5220	NV	50	-40000.00	-7.662835	20	PASS
11N20SI SO	Ant1	5240	NV	-30	-40000.00	-7.633588	20	PASS

11N20SI SO	Ant1	5240	NV	-20	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5240	NV	50	-40000.00	-7.633588	20	PASS
11N20SI SO	Ant1	5260	NV	-30	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	-20	-40000.00	-7.604563	20	PASS
11N20SI SO	Ant1	5260	NV	-10	-40000.00	-7.604563	20	PASS
11N20SI SO	Ant1	5260	NV	0	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	10	-20000.00	-3.802281	20	PASS
11N20SI SO	Ant1	5260	NV	20	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5260	NV	30	-40000.00	-7.604563	20	PASS
11N20SI SO	Ant1	5260	NV	40	-40000.00	-7.604563	20	PASS
11N20SI SO	Ant1	5260	NV	50	-40000.00	-7.604563	20	PASS
11N20SI SO	Ant1	5300	NV	-30	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	-20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	-10	-20000.00	-3.773585	20	PASS

11N20SI SO	Ant1	5300	NV	0	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	10	-40000.00	-7.547170	20	PASS
11N20SI SO	Ant1	5300	NV	20	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	30	-40000.00	-7.547170	20	PASS
11N20SI SO	Ant1	5300	NV	40	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5300	NV	50	-20000.00	-3.773585	20	PASS
11N20SI SO	Ant1	5320	NV	-30	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	-20	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5320	NV	-10	-40000.00	-7.518797	20	PASS
11N20SI SO	Ant1	5320	NV	0	-40000.00	-7.518797	20	PASS
11N20SI SO	Ant1	5320	NV	10	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5320	NV	20	-40000.00	-7.518797	20	PASS
11N20SI SO	Ant1	5320	NV	30	-40000.00	-7.518797	20	PASS
11N20SI SO	Ant1	5320	NV	40	-40000.00	-7.518797	20	PASS
11N20SI SO	Ant1	5320	NV	50	-20000.00	-3.759398	20	PASS
11N20SI SO	Ant1	5500	NV	-30	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	-20	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	-10	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5500	NV	0	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	10	-20000.00	-3.636364	20	PASS

11N20SI SO	Ant1	5500	NV	20	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	30	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	40	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5500	NV	50	-20000.00	-3.636364	20	PASS
11N20SI SO	Ant1	5580	NV	-30	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	-20	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	-10	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	0	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	10	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	20	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	30	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	40	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5580	NV	50	-20000.00	-3.584229	20	PASS
11N20SI SO	Ant1	5700	NV	-30	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	-20	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	-10	-40000.00	-7.017544	20	PASS
11N20SI SO	Ant1	5700	NV	0	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	10	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	20	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	30	-20000.00	-3.508772	20	PASS

11N20SI SO	Ant1	5700	NV	40	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5700	NV	50	-20000.00	-3.508772	20	PASS
11N20SI SO	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	-20	-60000.00	-10.443864	20	PASS
11N20SI SO	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5745	NV	50	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5785	NV	-20	-60000.00	-10.371651	20	PASS
11N20SI SO	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	20	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	40	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS

11N20SI SO	Ant1	5825	NV	-30	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	-20	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	-10	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	0	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	20	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	40	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS
11N40SI SO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant1	5230	NV	-30	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS

11N40SI SO	Ant1	5230	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	0	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5270	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5270	NV	50	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	-30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	-20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	-10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	0	0.00	0.000000	20	PASS

11N40SI SO	Ant1	5310	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5310	NV	50	-40000.00	-7.532957	20	PASS
11N40SI SO	Ant1	5510	NV	-30	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	-20	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	-10	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	0	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	10	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5510	NV	30	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	40	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5510	NV	50	-40000.00	-7.259528	20	PASS
11N40SI SO	Ant1	5550	NV	-30	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	-20	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	-10	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	0	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	10	-40000.00	-7.207207	20	PASS
11N40SI SO	Ant1	5550	NV	20	-40000.00	-7.207207	20	PASS