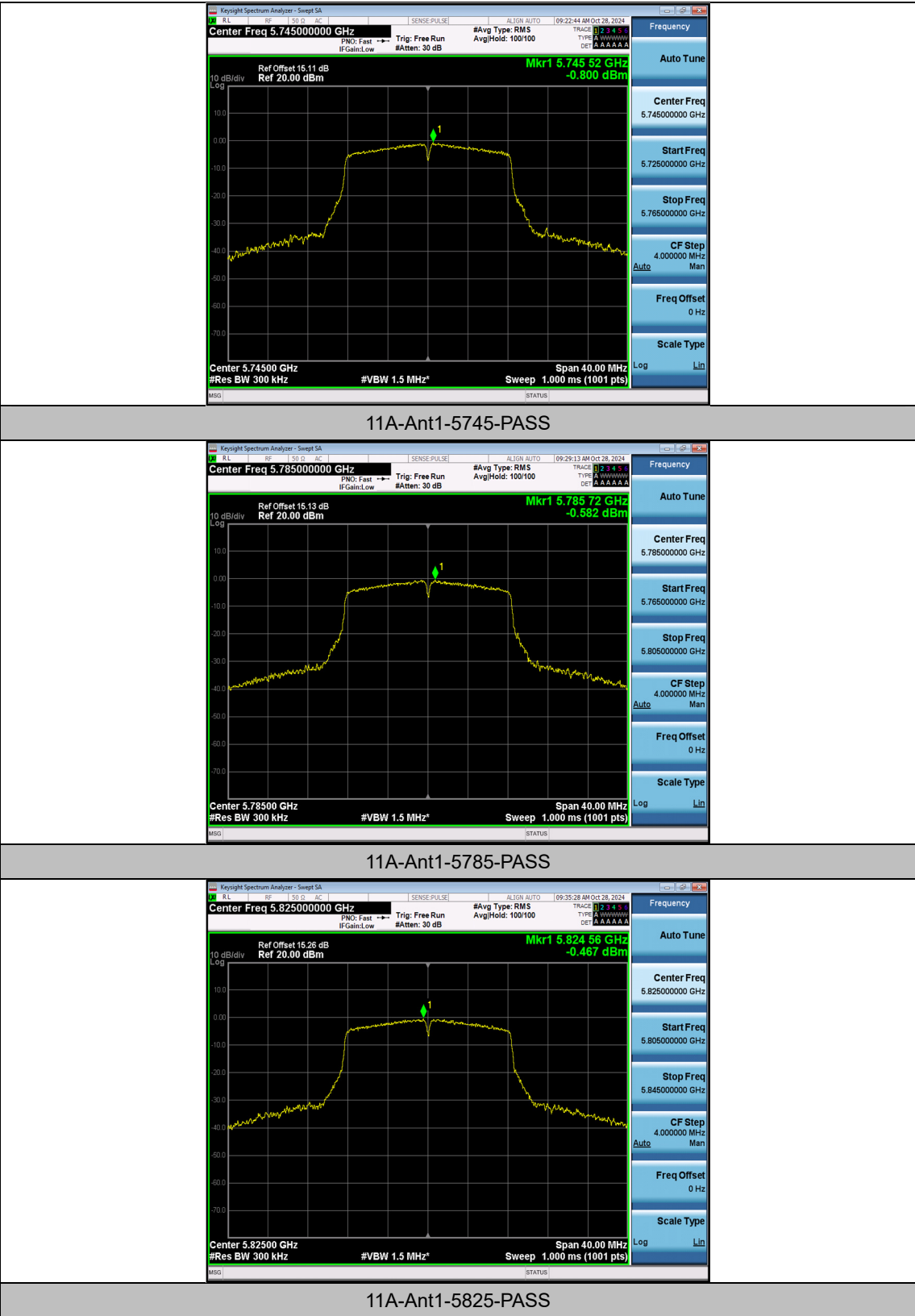
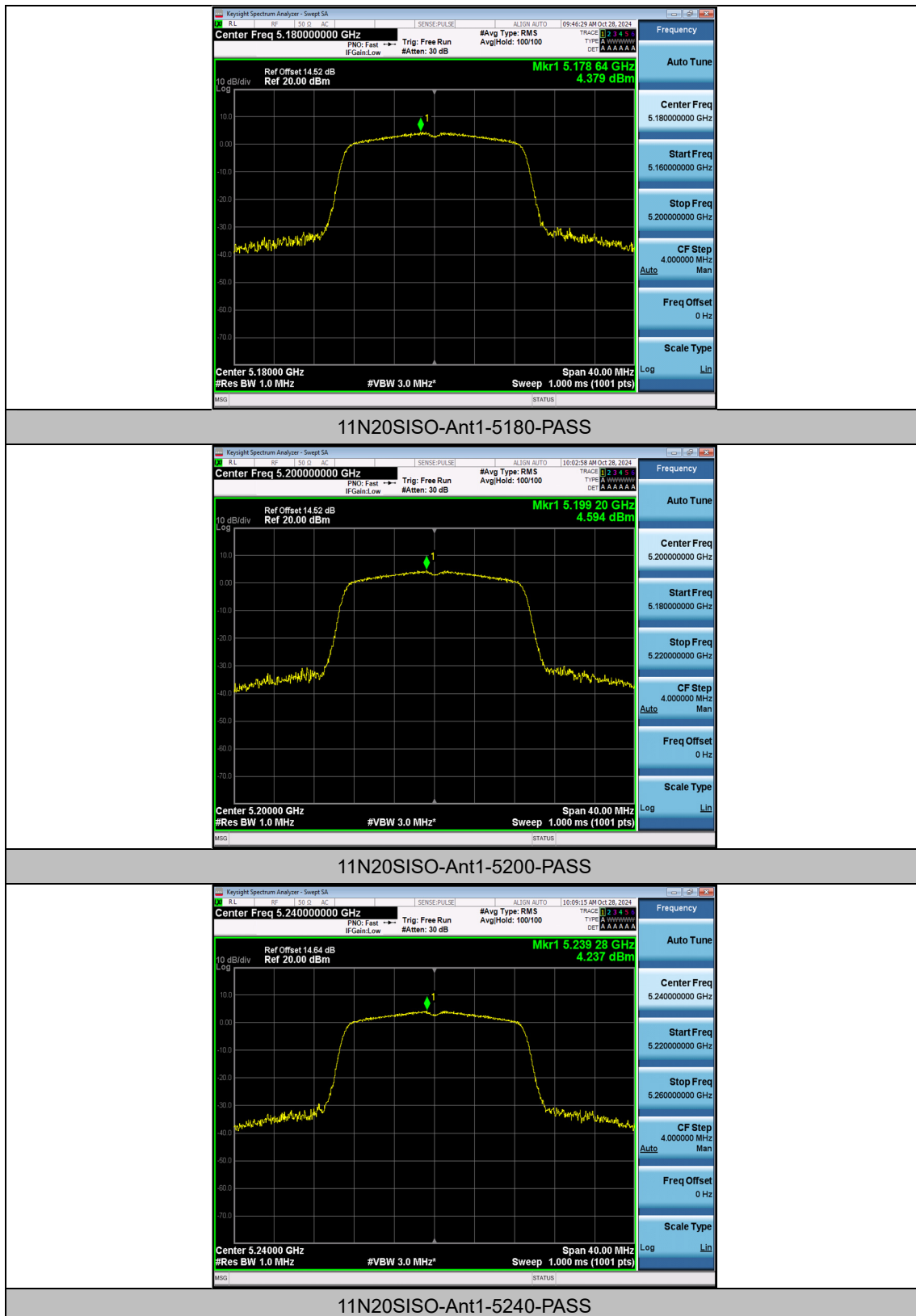
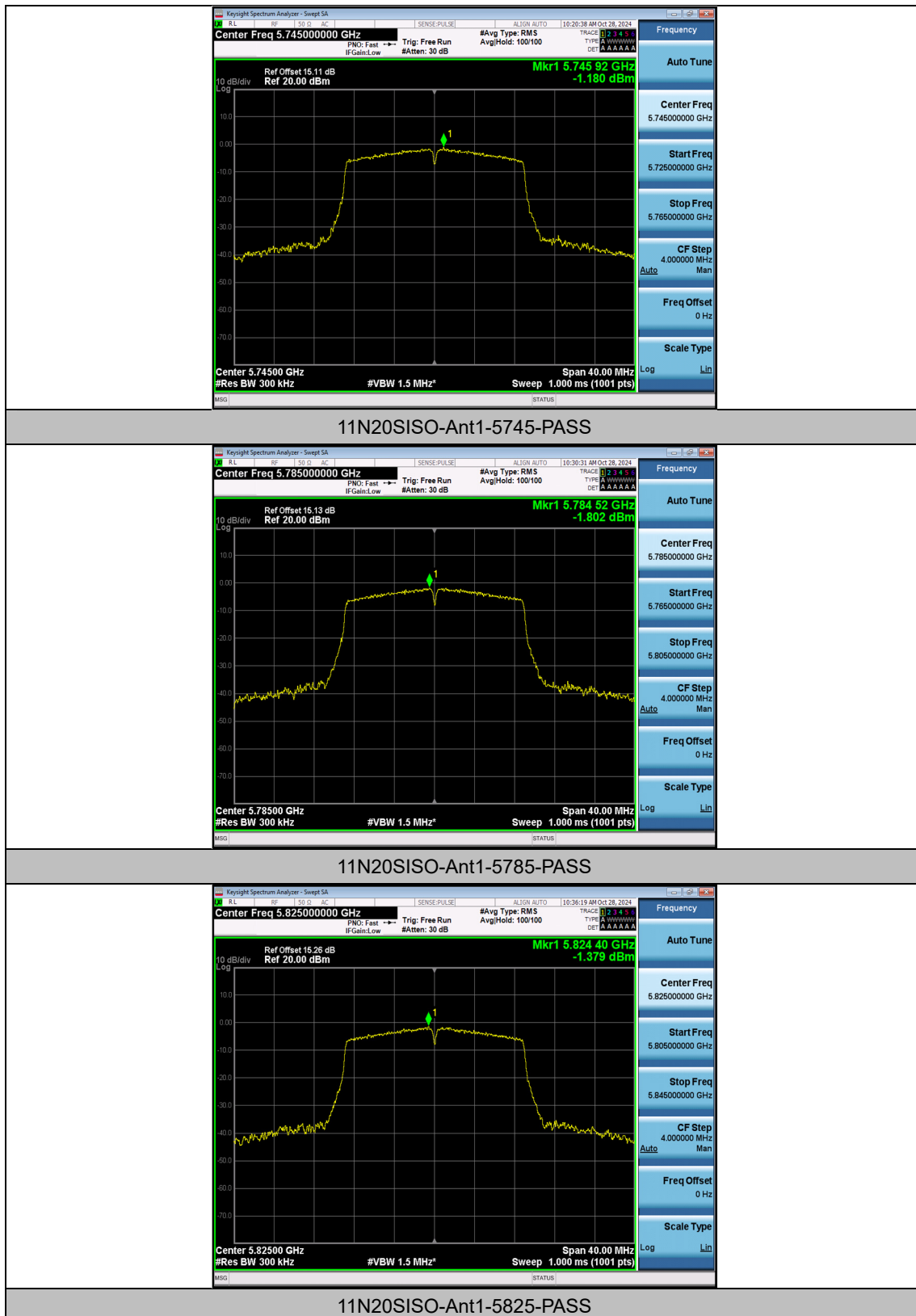
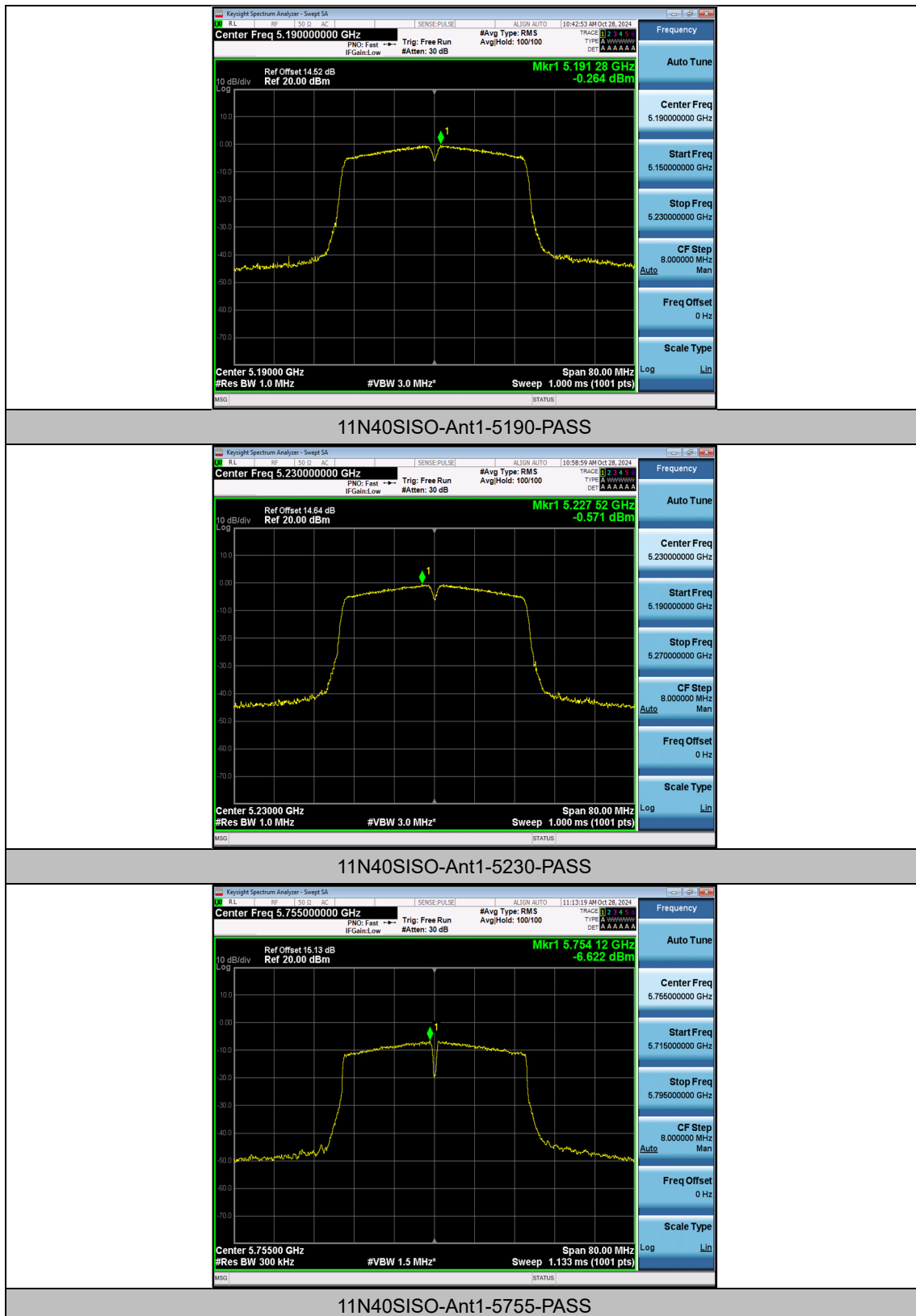
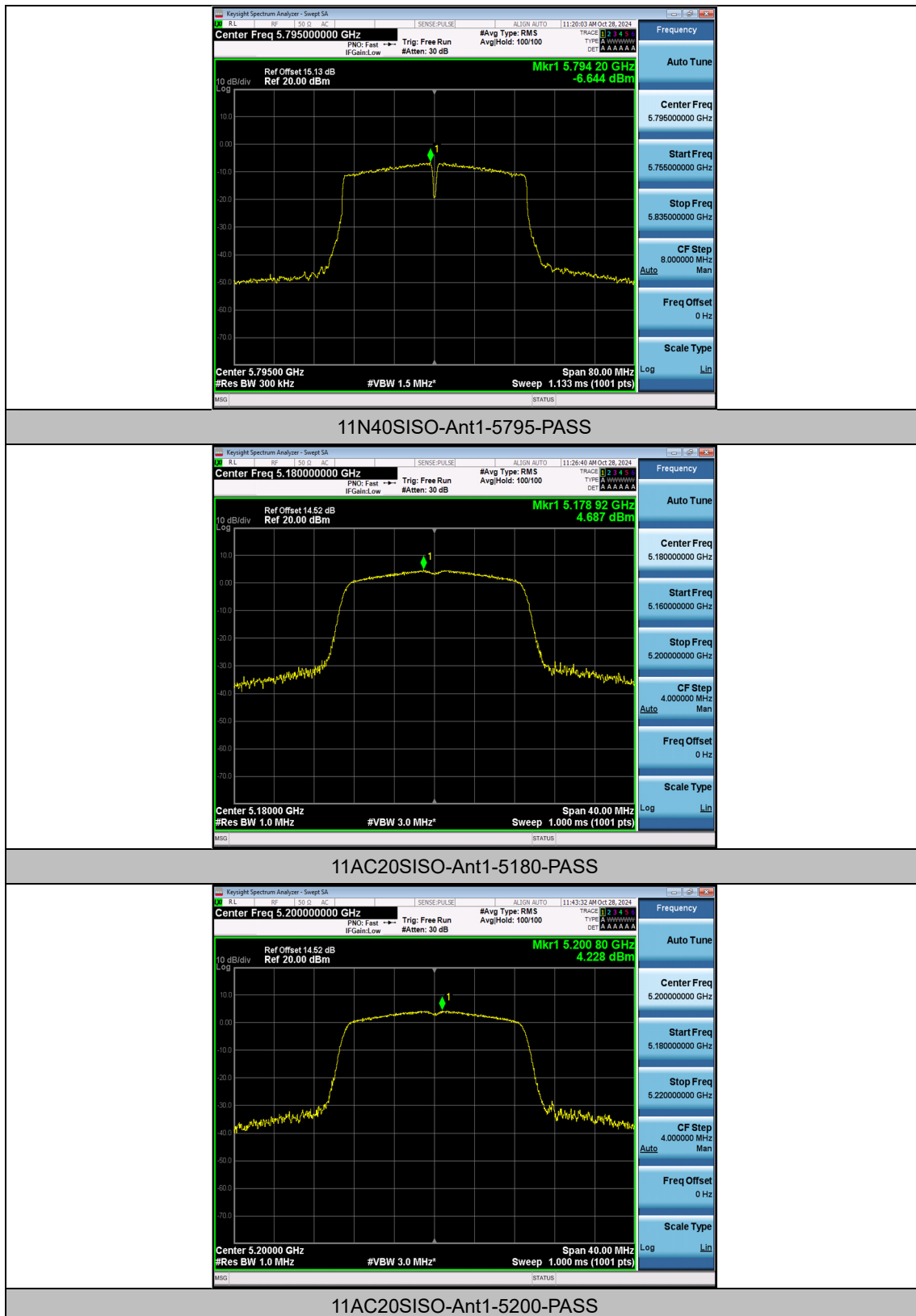


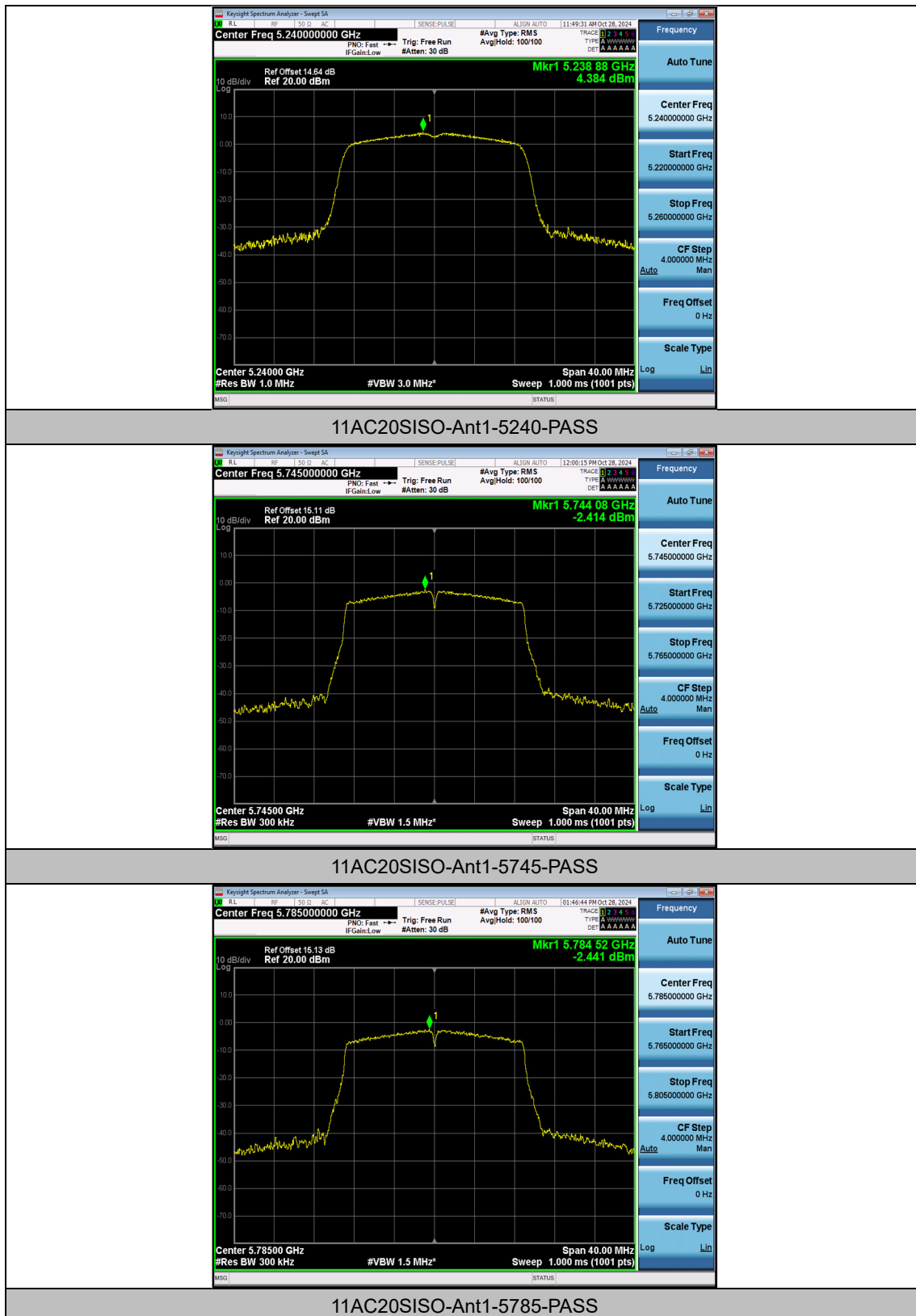


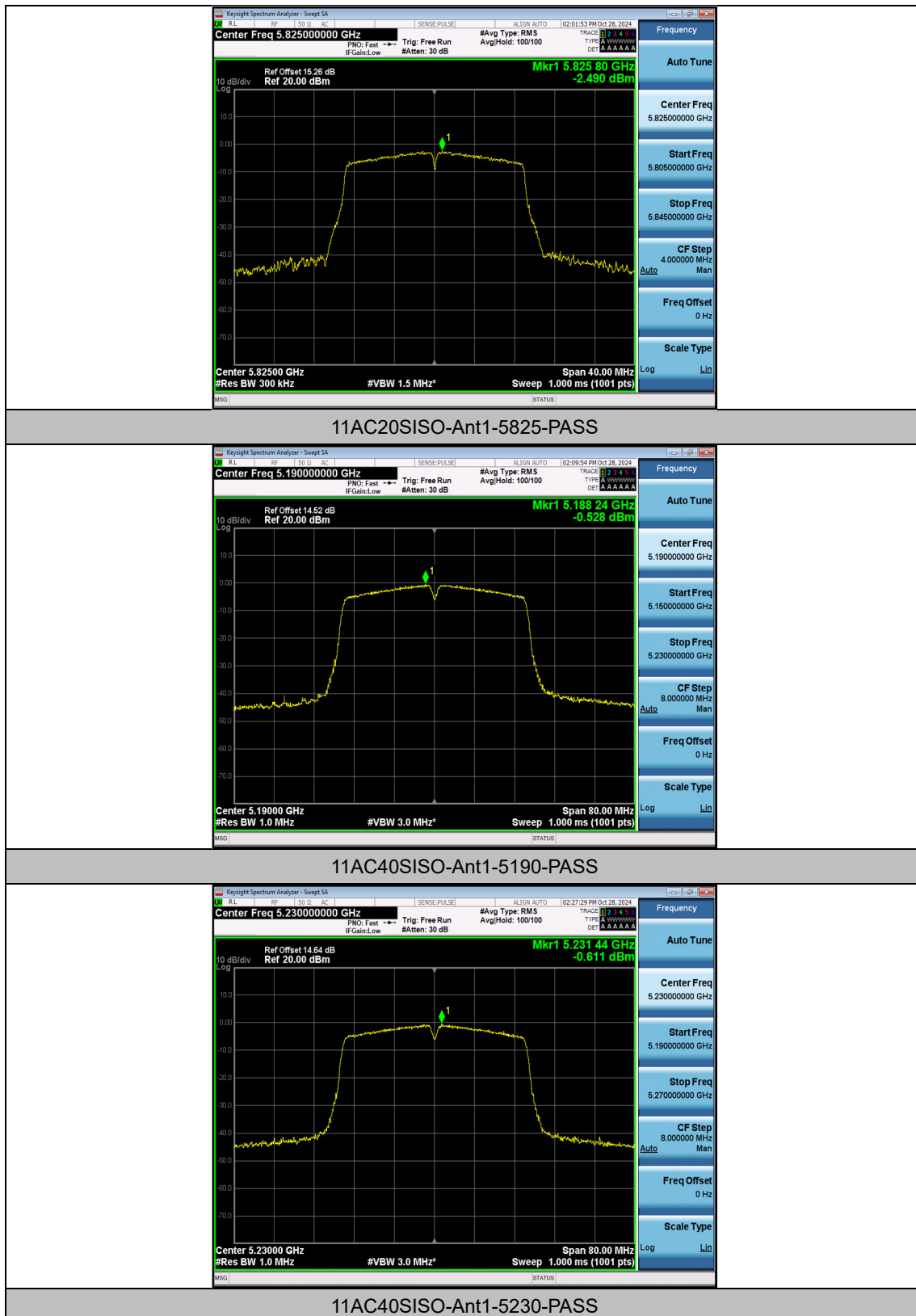


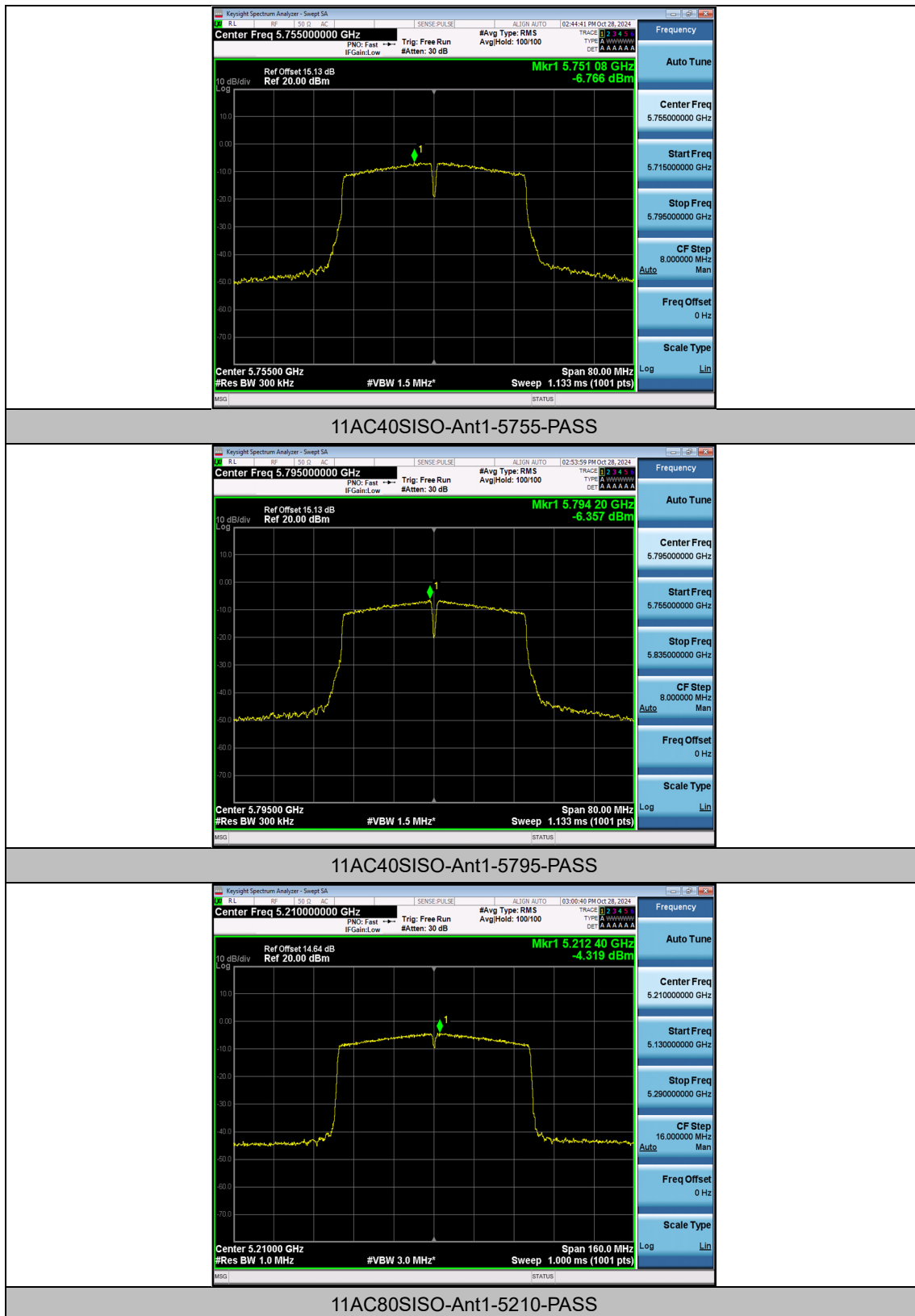


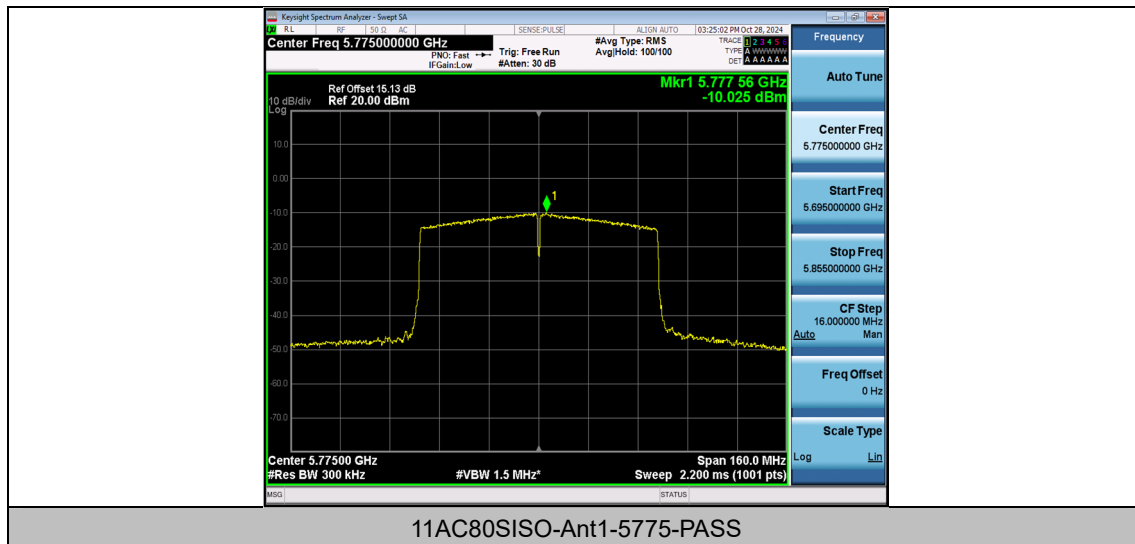












Appendix E: Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5785	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5785	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5825	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5825	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	NT	20000.00	3.846154	20	PASS
11N20SISO	Ant1	5200	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS

O								
11N20SIS O	Ant1	5745	LV	NT	20000.00	3.481288	20	PASS
11N20SIS O	Ant1	5745	HV	NT	20000.00	3.481288	20	PASS
11N20SIS O	Ant1	5785	NV	NT	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5785	LV	NT	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5785	HV	NT	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11N20SIS O	Ant1	5825	LV	NT	-20000.00	-3.433476	20	PASS
11N20SIS O	Ant1	5825	HV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	NT	40000.00	7.648184	20	PASS
11N40SIS O	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	NT	40000.00	6.950478	20	PASS
11N40SIS O	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11N40SIS O	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5795	LV	NT	40000.00	6.902502	20	PASS
11N40SIS O	Ant1	5795	HV	NT	40000.00	6.902502	20	PASS
11AC20SI SO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS

11AC20SI SO	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5180	HV	NT	20000.00	3.861004	20	PASS
11AC20SI SO	Ant1	5200	NV	NT	20000.00	3.846154	20	PASS
11AC20SI SO	Ant1	5200	LV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	HV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5240	LV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5240	HV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11AC20SI SO	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	HV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5785	NV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5785	LV	NT	20000.00	3.457217	20	PASS
11AC20SI SO	Ant1	5785	HV	NT	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11AC20SI SO	Ant1	5825	LV	NT	20000.00	3.433476	20	PASS
11AC20SI SO	Ant1	5825	HV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	NT	40000.00	7.648184	20	PASS
11AC40SI	Ant1	5230	LV	NT	0.00	0.000000	20	PASS

SO								
11AC40SI SO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	HV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5795	NV	NT	40000.00	6.902502	20	PASS
11AC40SI SO	Ant1	5795	LV	NT	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5795	HV	NT	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	HV	NT	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	LV	NT	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	30	20000.00	3.861004	20	PASS
11A	Ant1	5180	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	0	0.00	0.000000	20	PASS

11A	Ant1	5200	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	20	20000.00	3.816794	20	PASS
11A	Ant1	5240	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	30	0.00	0.000000	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	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	0	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	20	20000.00	3.457217	20	PASS
11A	Ant1	5785	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5785	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	-30	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	-20	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	-10	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	20	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5825	NV	50	0.00	0.000000	20	PASS
11N20SIS	Ant1	5180	NV	-30	40000.00	7.722008	20	PASS

O								
11N20SIS O	Ant1	5180	NV	-20	20000.00	3.861004	20	PASS
11N20SIS O	Ant1	5180	NV	-10	20000.00	3.861004	20	PASS
11N20SIS O	Ant1	5180	NV	0	20000.00	3.861004	20	PASS
11N20SIS O	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5180	NV	20	20000.00	3.861004	20	PASS
11N20SIS O	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11N20SIS O	Ant1	5180	NV	40	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
11N20SIS O	Ant1	5200	NV	-20	20000.00	3.846154	20	PASS
11N20SIS O	Ant1	5200	NV	-10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5200	NV	0	-20000.00	-3.846154	20	PASS
11N20SIS O	Ant1	5200	NV	10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5200	NV	20	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5200	NV	40	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5200	NV	50	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5240	NV	-20	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS
11N20SIS O	Ant1	5240	NV	0	20000.00	3.816794	20	PASS

11N20SIS O	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11N20SIS O	Ant1	5240	NV	20	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11N20SIS O	Ant1	5240	NV	40	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5240	NV	50	40000.00	7.633588	20	PASS
11N20SIS O	Ant1	5745	NV	-30	20000.00	3.481288	20	PASS
11N20SIS O	Ant1	5745	NV	-20	20000.00	3.481288	20	PASS
11N20SIS O	Ant1	5745	NV	-10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5745	NV	20	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5745	NV	30	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11N20SIS O	Ant1	5745	NV	50	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5785	NV	-30	20000.00	3.457217	20	PASS
11N20SIS O	Ant1	5785	NV	-20	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5785	NV	-10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5785	NV	0	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11N20SIS O	Ant1	5785	NV	20	20000.00	3.457217	20	PASS
11N20SIS O	Ant1	5785	NV	30	0.00	0.000000	20	PASS
11N20SIS	Ant1	5785	NV	40	0.00	0.000000	20	PASS

O								
11N20SIS O	Ant1	5785	NV	50	20000.00	3.457217	20	PASS
11N20SIS O	Ant1	5825	NV	-30	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	-20	-20000.00	-3.433476	20	PASS
11N20SIS O	Ant1	5825	NV	-10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	0	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	10	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	20	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	30	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	40	0.00	0.000000	20	PASS
11N20SIS O	Ant1	5825	NV	50	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	-20	40000.00	7.707129	20	PASS
11N40SIS O	Ant1	5190	NV	-10	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11N40SIS O	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	30	40000.00	7.707129	20	PASS
11N40SIS O	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5190	NV	50	40000.00	7.707129	20	PASS
11N40SIS O	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	-20	0.00	0.000000	20	PASS

11N40SIS O	Ant1	5230	NV	-10	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	0	40000.00	7.648184	20	PASS
11N40SIS O	Ant1	5230	NV	10	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	30	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	40	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5230	NV	50	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	-20	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	-10	40000.00	6.950478	20	PASS
11N40SIS O	Ant1	5755	NV	0	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	10	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	20	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5755	NV	40	40000.00	6.950478	20	PASS
11N40SIS O	Ant1	5755	NV	50	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5795	NV	-20	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5795	NV	-10	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5795	NV	0	40000.00	6.902502	20	PASS
11N40SIS O	Ant1	5795	NV	10	0.00	0.000000	20	PASS
11N40SIS	Ant1	5795	NV	20	0.00	0.000000	20	PASS

O								
11N40SIS O	Ant1	5795	NV	30	40000.00	6.902502	20	PASS
11N40SIS O	Ant1	5795	NV	40	0.00	0.000000	20	PASS
11N40SIS O	Ant1	5795	NV	50	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5180	NV	-30	20000.00	3.861004	20	PASS
11AC20SI SO	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11AC20SI SO	Ant1	5180	NV	-10	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11AC20SI SO	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5180	NV	20	20000.00	3.861004	20	PASS
11AC20SI SO	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5180	NV	40	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5180	NV	50	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	NV	-30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	NV	-20	-20000.00	-3.846154	20	PASS
11AC20SI SO	Ant1	5200	NV	-10	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	NV	0	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	NV	10	-20000.00	-3.846154	20	PASS
11AC20SI SO	Ant1	5200	NV	20	20000.00	3.846154	20	PASS
11AC20SI SO	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	NV	40	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5200	NV	50	0.00	0.000000	20	PASS

11AC20SI SO	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11AC20SI SO	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11AC20SI SO	Ant1	5240	NV	-10	20000.00	3.816794	20	PASS
11AC20SI SO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11AC20SI SO	Ant1	5240	NV	10	20000.00	3.816794	20	PASS
11AC20SI SO	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11AC20SI SO	Ant1	5240	NV	30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5240	NV	40	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5240	NV	50	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	-30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	-20	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	-10	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	0	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	10	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	20	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	40	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5745	NV	50	20000.00	3.481288	20	PASS
11AC20SI SO	Ant1	5785	NV	-30	20000.00	3.457217	20	PASS
11AC20SI SO	Ant1	5785	NV	-20	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5785	NV	-10	0.00	0.000000	20	PASS
11AC20SI	Ant1	5785	NV	0	20000.00	3.457217	20	PASS

SO								
11AC20SI SO	Ant1	5785	NV	10	20000.00	3.457217	20	PASS
11AC20SI SO	Ant1	5785	NV	20	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5785	NV	30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5785	NV	40	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5785	NV	50	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	-30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	-20	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	-10	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	0	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11AC20SI SO	Ant1	5825	NV	20	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	30	0.00	0.000000	20	PASS
11AC20SI SO	Ant1	5825	NV	40	20000.00	3.433476	20	PASS
11AC20SI SO	Ant1	5825	NV	50	20000.00	3.433476	20	PASS
11AC40SI SO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AC40SI SO	Ant1	5190	NV	-20	40000.00	7.707129	20	PASS
11AC40SI SO	Ant1	5190	NV	-10	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5190	NV	0	40000.00	7.707129	20	PASS
11AC40SI SO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5190	NV	30	0.00	0.000000	20	PASS

11AC40SI SO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11AC40SI SO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40SI SO	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	-20	40000.00	7.648184	20	PASS
11AC40SI SO	Ant1	5230	NV	-10	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	10	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11AC40SI SO	Ant1	5230	NV	30	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	40	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5230	NV	50	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	NV	-30	40000.00	6.950478	20	PASS
11AC40SI SO	Ant1	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AC40SI SO	Ant1	5755	NV	-10	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	NV	0	40000.00	6.950478	20	PASS
11AC40SI SO	Ant1	5755	NV	10	40000.00	6.950478	20	PASS
11AC40SI SO	Ant1	5755	NV	20	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	NV	40	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5755	NV	50	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
11AC40SI	Ant1	5795	NV	-20	0.00	0.000000	20	PASS

SO								
11AC40SI SO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AC40SI SO	Ant1	5795	NV	0	40000.00	6.902502	20	PASS
11AC40SI SO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5795	NV	20	0.00	0.000000	20	PASS
11AC40SI SO	Ant1	5795	NV	30	40000.00	6.902502	20	PASS
11AC40SI SO	Ant1	5795	NV	40	40000.00	6.902502	20	PASS
11AC40SI SO	Ant1	5795	NV	50	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	-20	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	-10	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	0	-80000.00	-15.355086	20	PASS
11AC80SI SO	Ant1	5210	NV	10	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	20	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	30	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	40	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5210	NV	50	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AC80SI SO	Ant1	5775	NV	-10	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	0	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	10	0.00	0.000000	20	PASS

11AC80SI SO	Ant1	5775	NV	20	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	30	0.00	0.000000	20	PASS
11AC80SI SO	Ant1	5775	NV	40	-80000.00	-13.852814	20	PASS
11AC80SI SO	Ant1	5775	NV	50	0.00	0.000000	20	PASS