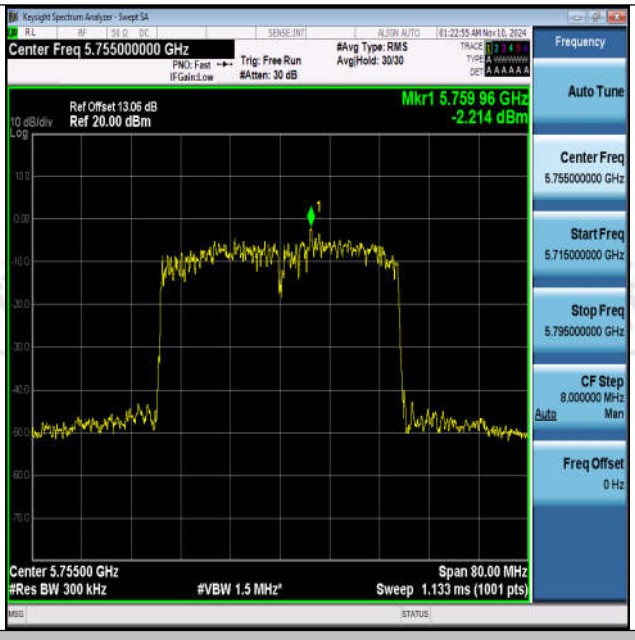
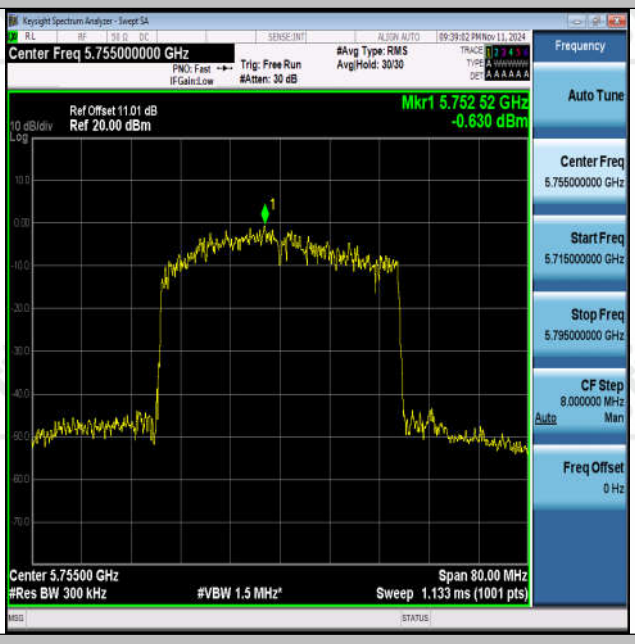
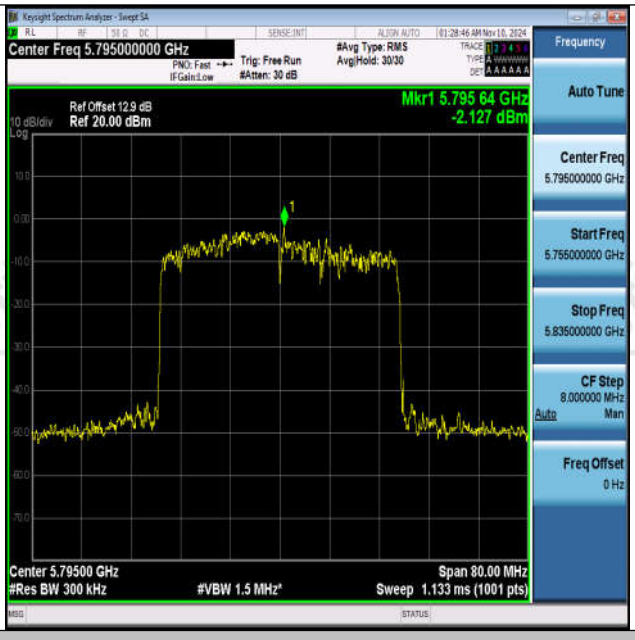


11AX40SISO-Ant1-5755-PASS

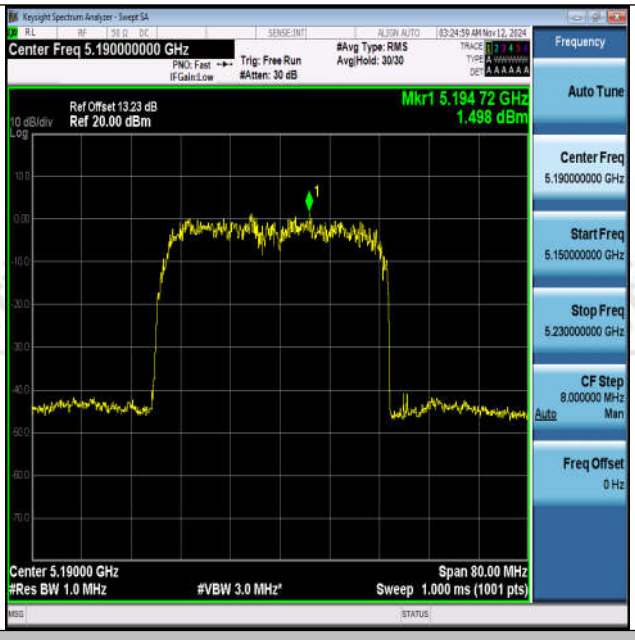


11AX40SISO-Ant2-5755-PASS

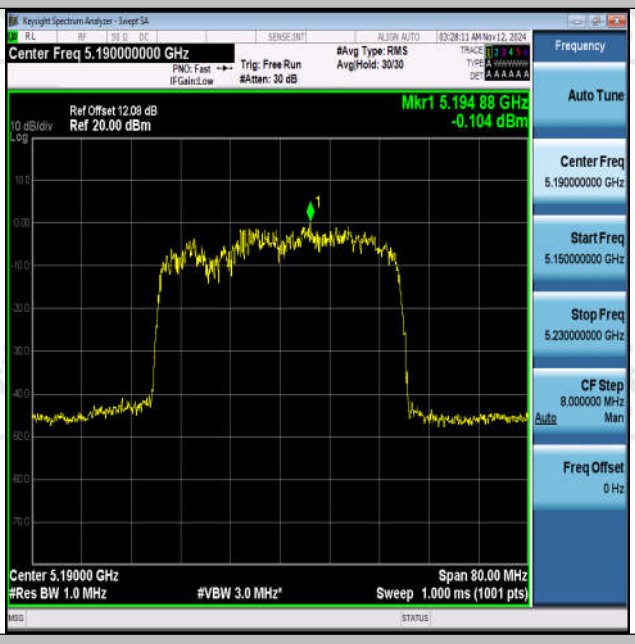


11AX40SISO-Ant1-5795-PASS

11AX40SISO-Ant2-5795-PASS



11AX40MIMO-Ant1-5190-PASS



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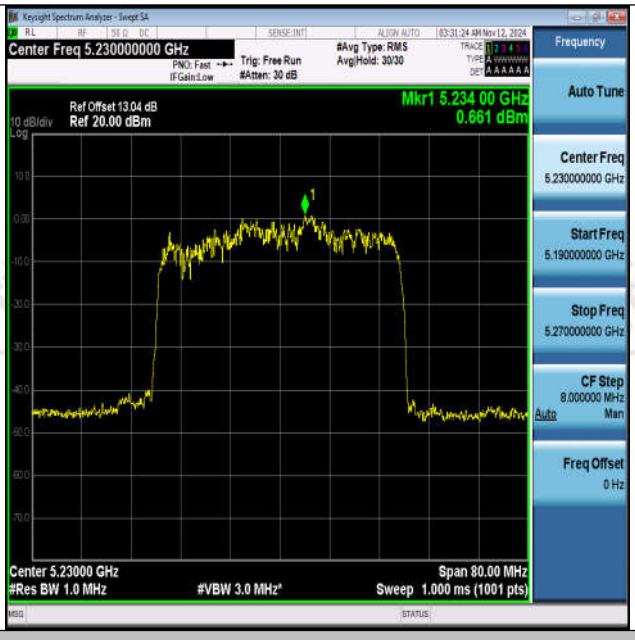
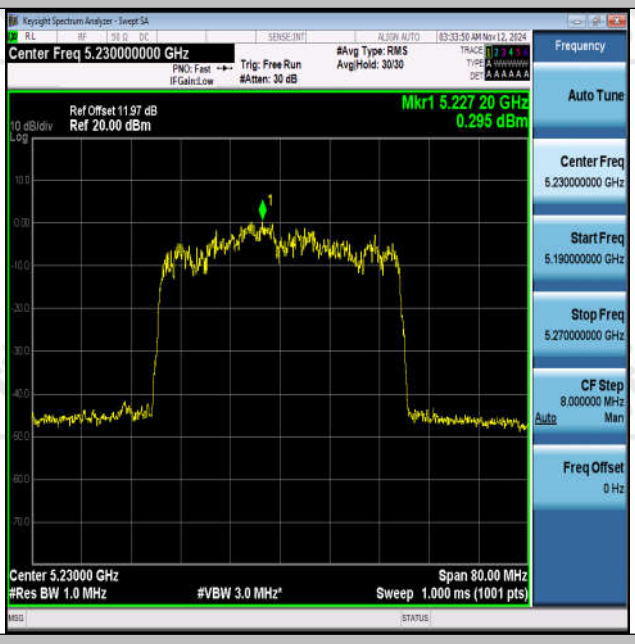


11AX40MIMO-Ant1-5230-PASS



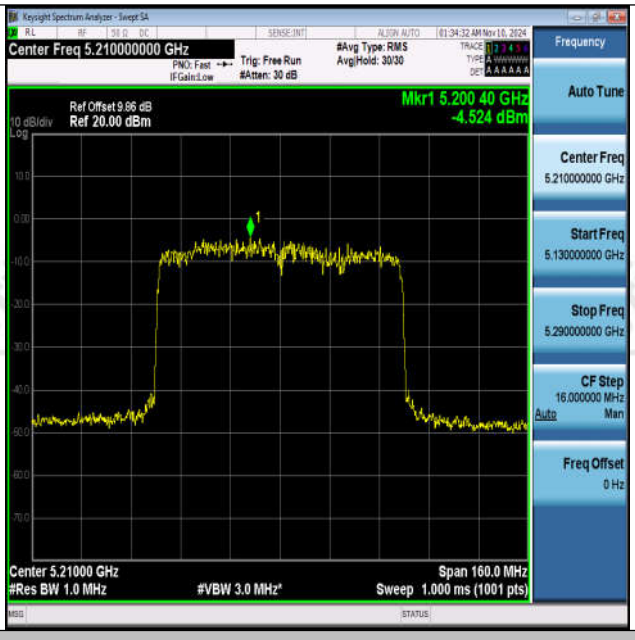
11AX40MIMO-Ant2-5230-PASS

11AX40MIMO-Ant1-5755-PASS

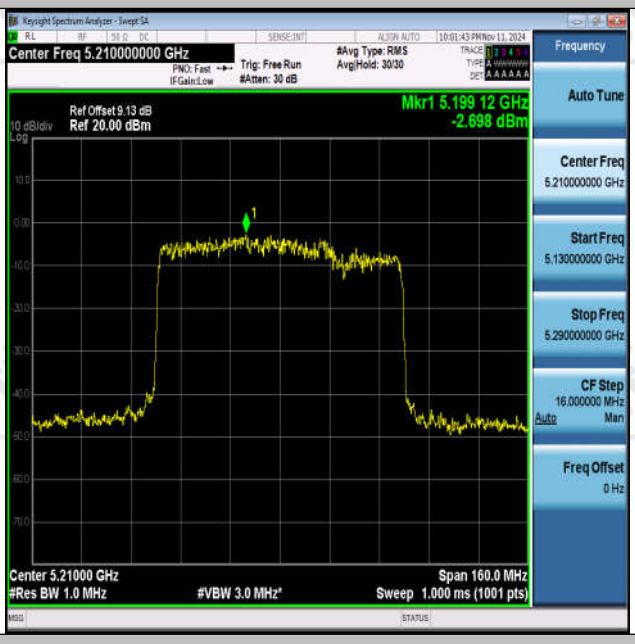
11AX40MIMO-Ant2-5755-PASS

11AX40MIMO-Ant1-5795-PASS

11AX40MIMO-Ant2-5795-PASS

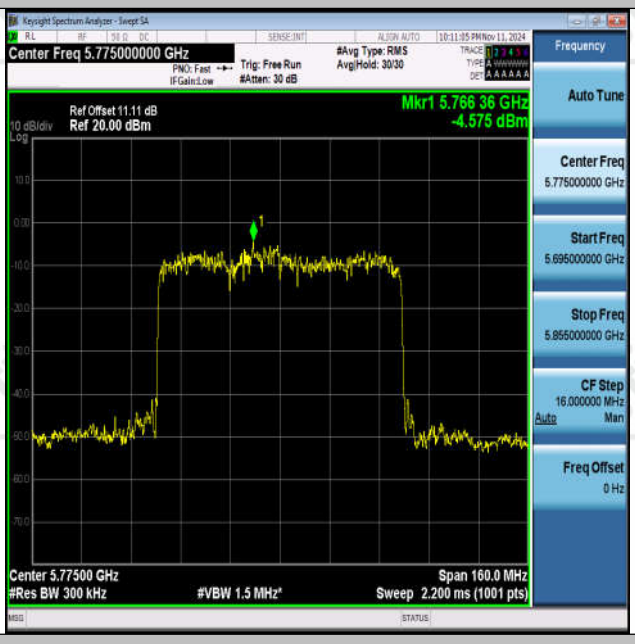


11AX80SISO-Ant1-5210-PASS

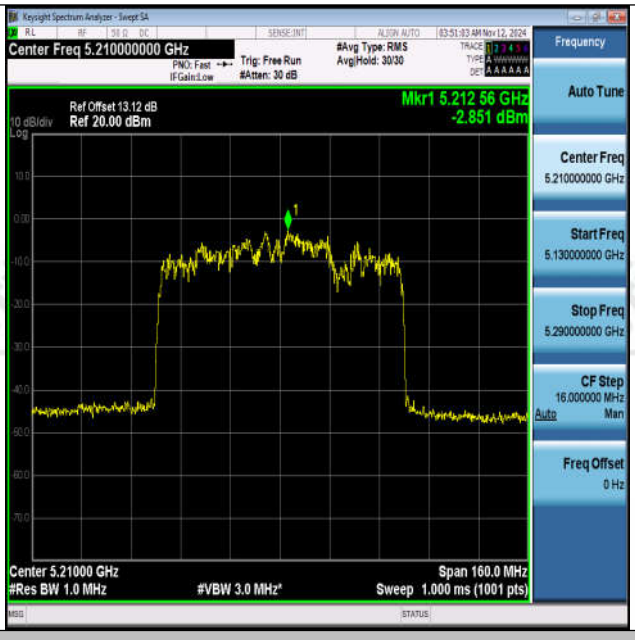


11AX80SISO-Ant2-5210-PASS

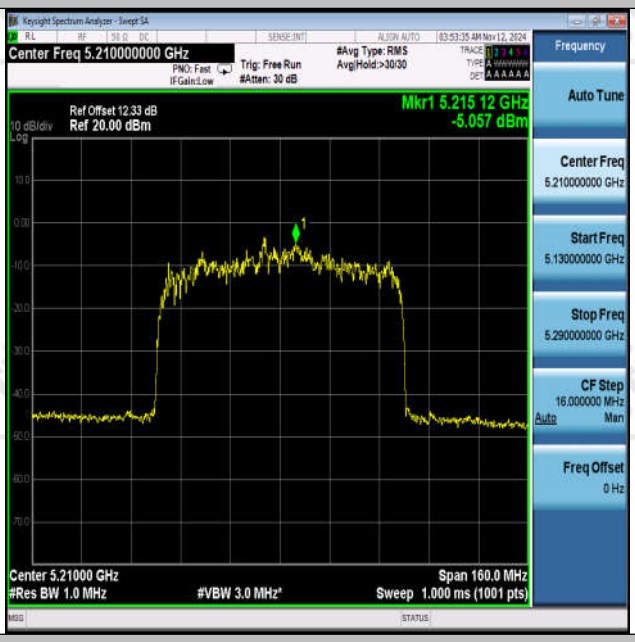
11AX80SISO-Ant1-5775-PASS



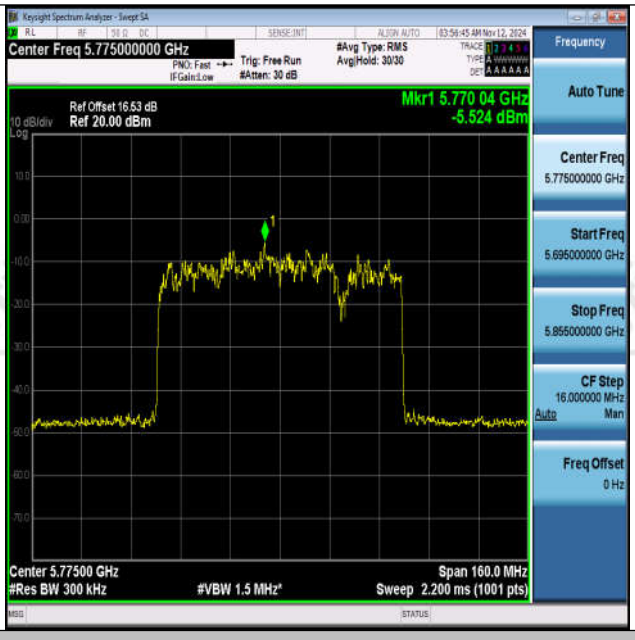
11AX80SISO-Ant2-5775-PASS



11AX80MIMO-Ant1-5210-PASS



11AX80MIMO-Ant2-5210-PASS



11AX80MIMO-Ant1-5775-PASS

11AX80MIMO-Ant2-5775-PASS

Appendix E: Frequency Stability

Test Result

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	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	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	LV	NT	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	HV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5220	NV	NT	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	LV	NT	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	HV	NT	-40000.00	-7.662835	20	PASS
11A	Ant2	5220	NV	NT	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	LV	NT	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	HV	NT	-20000.00	-3.831418	20	PASS
11A	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11A	Ant2	5240	NV	NT	-20000.00	-3.816794	20	PASS
11A	Ant2	5240	LV	NT	0.00	0.000000	20	PASS
11A	Ant2	5240	HV	NT	0.00	0.000000	20	PASS
11A	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	NT	-40000.00	-6.962576	20	PASS
11A	Ant2	5745	LV	NT	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	HV	NT	-20000.00	-3.481288	20	PASS
11A	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	LV	NT	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	NT	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	LV	NT	0.00	0.000000	20	PASS
11A	Ant2	5785	HV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5825	NV	NT	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	LV	NT	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS
11A	Ant2	5825	NV	NT	0.00	0.000000	20	PASS
11A	Ant2	5825	LV	NT	-20000.00	-3.433476	20	PASS
11A	Ant2	5825	HV	NT	-40000.00	-6.866953	20	PASS

11N20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant2	5180	NV	NT	-20000.00	-3.861004	20	PASS
11N20SISO	Ant2	5180	LV	NT	-20000.00	-3.861004	20	PASS
11N20SISO	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5220	NV	NT	-20000.00	-3.831418	20	PASS
11N20SISO	Ant1	5220	LV	NT	-40000.00	-7.662835	20	PASS
11N20SISO	Ant1	5220	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant2	5220	NV	NT	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	LV	NT	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	HV	NT	-20000.00	-3.831418	20	PASS
11N20SISO	Ant1	5240	NV	NT	-40000.00	-7.633588	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	Ant2	5240	NV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	LV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	HV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5745	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5745	HV	NT	-20000.00	-3.481288	20	PASS

11N20SISO	Ant2	5745	NV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant2	5745	LV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant2	5745	HV	NT	-60000.00	-10.443864	20	PASS
11N20SISO	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	LV	NT	-20000.00	-3.457217	20	PASS
11N20SISO	Ant1	5785	HV	NT	-40000.00	-6.914434	20	PASS
11N20SISO	Ant2	5785	NV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant2	5785	LV	NT	-40000.00	-6.914434	20	PASS
11N20SISO	Ant2	5785	HV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	LV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant2	5825	NV	NT	-20000.00	-3.433476	20	PASS
11N20SISO	Ant2	5825	LV	NT	-40000.00	-6.866953	20	PASS
11N20SISO	Ant2	5825	HV	NT	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5190	NV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5190	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5190	HV	NT	0.00	0.000000	20	PASS

11N40SISO	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	LV	NT	-80000.00	-15.296367	20	PASS
11N40SISO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5230	NV	NT	-40000.00	-7.648184	20	PASS
11N40SISO	Ant2	5230	LV	NT	-40000.00	-7.648184	20	PASS
11N40SISO	Ant2	5230	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	HV	NT	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	LV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	HV	NT	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5795	NV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	NT	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant2	5795	HV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
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11AC20S ISO	Ant2	5180	NV	NT	-60000.00	-11.583012	20	PASS
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11AC20S ISO	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5220	NV	NT	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5220	LV	NT	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5220	HV	NT	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	NV	NT	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	LV	NT	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	HV	NT	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
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11AC20S ISO	Ant2	5240	NV	NT	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant2	5240	LV	NT	-20000.00	-3.816794	20	PASS
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11AC20S ISO	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
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11AC20S ISO	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant2	5745	NV	NT	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant2	5745	LV	NT	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant2	5745	HV	NT	-60000.00	-10.443864	20	PASS

11AC20S ISO	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
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11AC20S ISO	Ant1	5785	HV	NT	-40000.00	-6.914434	20	PASS
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11AC20S ISO	Ant2	5785	HV	NT	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
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11AC20S ISO	Ant2	5825	LV	NT	-60000.00	-10.300429	20	PASS
11AC20S ISO	Ant2	5825	HV	NT	-40000.00	-6.866953	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant2	5190	NV	NT	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant2	5190	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5190	HV	NT	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS

11AC40S ISO	Ant2	5230	NV	NT	80000.00	15.296367	20	PASS
11AC40S ISO	Ant2	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant2	5230	HV	NT	0.00	0.000000	20	PASS
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11AC40S ISO	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant2	5795	NV	NT	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant2	5795	LV	NT	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant2	5795	HV	NT	-40000.00	-6.902502	20	PASS
11AC80S ISO	Ant1	5210	NV	NT	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5210	HV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5210	NV	NT	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant2	5210	LV	NT	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant2	5210	HV	NT	0.00	0.000000	20	PASS

11AC80S ISO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	LV	NT	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5775	LV	NT	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant2	5775	HV	NT	-80000.00	-13.852814	20	PASS
11AX20SI SO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11AX20SI SO	Ant1	5180	LV	NT	-20000.00	-3.861004	20	PASS
11AX20SI SO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	NT	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	LV	NT	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	HV	NT	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5220	NV	NT	-40000.00	-7.662835	20	PASS
11AX20SI SO	Ant1	5220	LV	NT	-20000.00	-3.831418	20	PASS
11AX20SI SO	Ant1	5220	HV	NT	-40000.00	-7.662835	20	PASS
11AX20SI SO	Ant2	5220	NV	NT	-40000.00	-7.662835	20	PASS
11AX20SI SO	Ant2	5220	LV	NT	-40000.00	-7.662835	20	PASS
11AX20SI SO	Ant2	5220	HV	NT	-40000.00	-7.662835	20	PASS
11AX20SI SO	Ant1	5240	NV	NT	-40000.00	-7.633588	20	PASS
11AX20SI SO	Ant1	5240	LV	NT	-40000.00	-7.633588	20	PASS
11AX20SI SO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS

11AX20SISO	Ant2	5240	NV	NT	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	LV	NT	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	HV	NT	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	HV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant2	5745	NV	NT	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	LV	NT	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	HV	NT	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5785	NV	NT	0.00	0.000000	20	PASS
11AX20SISO	Ant1	5785	LV	NT	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11AX20SISO	Ant2	5785	NV	NT	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	LV	NT	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	HV	NT	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	LV	NT	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	HV	NT	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant2	5825	NV	NT	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	LV	NT	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	HV	NT	-40000.00	-6.866953	20	PASS

11AX40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	HV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant2	5190	NV	NT	-80000.00	-15.414258	20	PASS
11AX40SISO	Ant2	5190	LV	NT	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant2	5190	HV	NT	120000.00	23.121387	20	PASS
11AX40SISO	Ant1	5230	NV	NT	-80000.00	-15.296367	20	PASS
11AX40SISO	Ant1	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant2	5230	NV	NT	-80000.00	-15.296367	20	PASS
11AX40SISO	Ant2	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AX40SISO	Ant2	5230	HV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	LV	NT	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	HV	NT	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant2	5755	NV	NT	-80000.00	-13.900956	20	PASS
11AX40SISO	Ant2	5755	LV	NT	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant2	5755	HV	NT	40000.00	6.950478	20	PASS
11AX40SISO	Ant1	5795	NV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5795	LV	NT	-80000.00	-13.805004	20	PASS
11AX40SISO	Ant1	5795	HV	NT	-40000.00	-6.902502	20	PASS

11AX40SISO	Ant2	5795	NV	NT	-80000.00	-13.805004	20	PASS
11AX40SISO	Ant2	5795	LV	NT	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5795	HV	NT	40000.00	6.902502	20	PASS
11AX80SISO	Ant1	5210	NV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	HV	NT	-80000.00	-15.355086	20	PASS
11AX80SISO	Ant2	5210	NV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5210	LV	NT	-80000.00	-15.355086	20	PASS
11AX80SISO	Ant2	5210	HV	NT	80000.00	15.355086	20	PASS
11AX80SISO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	LV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	HV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	NV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	LV	NT	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	HV	NT	0.00	0.000000	20	PASS

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	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	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS

11A	Ant2	5180	NV	-30	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	-20	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	-10	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	0	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	10	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	20	0.00	0.000000	20	PASS
11A	Ant2	5180	NV	30	-20000.00	-3.861004	20	PASS
11A	Ant2	5180	NV	40	-40000.00	-7.722008	20	PASS
11A	Ant2	5180	NV	50	0.00	0.000000	20	PASS
11A	Ant1	5220	NV	0	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	10	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	20	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	30	-40000.00	-7.662835	20	PASS
11A	Ant1	5220	NV	40	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	50	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	-30	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11A	Ant1	5220	NV	-10	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	NV	-30	-40000.00	-7.662835	20	PASS
11A	Ant2	5220	NV	-20	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	NV	-10	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	NV	0	0.00	0.000000	20	PASS
11A	Ant2	5220	NV	10	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	NV	20	0.00	0.000000	20	PASS
11A	Ant2	5220	NV	30	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	NV	40	-20000.00	-3.831418	20	PASS
11A	Ant2	5220	NV	50	-20000.00	-3.831418	20	PASS
11A	Ant1	5240	NV	-30	-20000.00	-3.816794	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	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	50	0.00	0.000000	20	PASS
11A	Ant2	5240	NV	-30	0.00	0.000000	20	PASS
11A	Ant2	5240	NV	-20	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	NV	-10	0.00	0.000000	20	PASS
11A	Ant2	5240	NV	0	0.00	0.000000	20	PASS
11A	Ant2	5240	NV	10	-40000.00	-7.633588	20	PASS

11A	Ant2	5240	NV	20	0.00	0.000000	20	PASS
11A	Ant2	5240	NV	30	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	NV	40	-40000.00	-7.633588	20	PASS
11A	Ant2	5240	NV	50	-20000.00	-3.816794	20	PASS
11A	Ant1	5745	NV	-30	-20000.00	-3.481288	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	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	20	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	40	-20000.00	-3.481288	20	PASS
11A	Ant1	5745	NV	50	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	-30	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	-20	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	-10	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	0	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	10	-40000.00	-6.962576	20	PASS
11A	Ant2	5745	NV	20	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	30	-20000.00	-3.481288	20	PASS
11A	Ant2	5745	NV	40	0.00	0.000000	20	PASS
11A	Ant2	5745	NV	50	-20000.00	-3.481288	20	PASS
11A	Ant1	5785	NV	-30	-20000.00	-3.457217	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	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	20	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS
11A	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	-30	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	-20	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	-10	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	0	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	10	0.00	0.000000	20	PASS
11A	Ant2	5785	NV	20	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	30	-20000.00	-3.457217	20	PASS
11A	Ant2	5785	NV	40	-20000.00	-3.457217	20	PASS
11A	Ant2	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	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	-10	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	0	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11A	Ant1	5825	NV	20	-20000.00	-3.433476	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	-20000.00	-3.433476	20	PASS
11A	Ant2	5825	NV	-30	0.00	0.000000	20	PASS
11A	Ant2	5825	NV	-20	-20000.00	-3.433476	20	PASS
11A	Ant2	5825	NV	-10	-40000.00	-6.866953	20	PASS
11A	Ant2	5825	NV	0	-20000.00	-3.433476	20	PASS
11A	Ant2	5825	NV	10	-20000.00	-3.433476	20	PASS
11A	Ant2	5825	NV	20	-20000.00	-3.433476	20	PASS
11A	Ant2	5825	NV	30	-40000.00	-6.866953	20	PASS
11A	Ant2	5825	NV	40	0.00	0.000000	20	PASS
11A	Ant2	5825	NV	50	-20000.00	-3.433476	20	PASS
11N20SISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	0	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11N20SISO	Ant2	5180	NV	-30	-20000.00	-3.861004	20	PASS
11N20SISO	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11N20SISO	Ant2	5180	NV	-10	0.00	0.000000	20	PASS
11N20SI	Ant2	5180	NV	0	-40000.00	-7.722008	20	PASS

SO								
11N20SISO	Ant2	5180	NV	10	-20000.00	-3.861004	20	PASS
11N20SISO	Ant2	5180	NV	20	-20000.00	-3.861004	20	PASS
11N20SISO	Ant2	5180	NV	30	0.00	0.000000	20	PASS
11N20SISO	Ant2	5180	NV	40	-20000.00	-3.861004	20	PASS
11N20SISO	Ant2	5180	NV	50	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5220	NV	-30	-40000.00	-7.662835	20	PASS
11N20SISO	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11N20SISO	Ant1	5220	NV	-10	-40000.00	-7.662835	20	PASS
11N20SISO	Ant1	5220	NV	0	-40000.00	-7.662835	20	PASS
11N20SISO	Ant1	5220	NV	10	-20000.00	-3.831418	20	PASS
11N20SISO	Ant1	5220	NV	20	-40000.00	-7.662835	20	PASS
11N20SISO	Ant1	5220	NV	30	-40000.00	-7.662835	20	PASS
11N20SISO	Ant1	5220	NV	40	-20000.00	-3.831418	20	PASS
11N20SISO	Ant1	5220	NV	50	-40000.00	-7.662835	20	PASS
11N20SISO	Ant2	5220	NV	-30	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	NV	-20	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	NV	-10	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	NV	0	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	NV	10	-20000.00	-3.831418	20	PASS
11N20SISO	Ant2	5220	NV	20	-40000.00	-7.662835	20	PASS
11N20SI	Ant2	5220	NV	30	-40000.00	-7.662835	20	PASS

SO								
11N20SISO	Ant2	5220	NV	40	-40000.00	-7.662835	20	PASS
11N20SISO	Ant2	5220	NV	50	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	-20	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	NV	-10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	NV	40	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	NV	-30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	NV	-20	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	NV	-10	-40000.00	-7.633588	20	PASS
11N20SISO	Ant2	5240	NV	0	-40000.00	-7.633588	20	PASS
11N20SISO	Ant2	5240	NV	10	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	NV	20	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	NV	30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant2	5240	NV	40	0.00	0.000000	20	PASS
11N20SISO	Ant2	5240	NV	50	-20000.00	-3.816794	20	PASS
11N20SI	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS

SO								
11N20SI SO	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5745	NV	10	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	30	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant2	5745	NV	-30	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant2	5745	NV	-20	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant2	5745	NV	-10	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5745	NV	0	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant2	5745	NV	10	-20000.00	-3.481288	20	PASS
11N20SI SO	Ant2	5745	NV	20	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5745	NV	30	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5745	NV	40	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5745	NV	50	-40000.00	-6.962576	20	PASS
11N20SI SO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11N20SI	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS

SO								
11N20SI SO	Ant1	5785	NV	10	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5785	NV	30	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant2	5785	NV	-30	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant2	5785	NV	-20	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5785	NV	-10	-40000.00	-6.914434	20	PASS
11N20SI SO	Ant2	5785	NV	0	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant2	5785	NV	10	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant2	5785	NV	20	0.00	0.000000	20	PASS
11N20SI SO	Ant2	5785	NV	30	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant2	5785	NV	40	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant2	5785	NV	50	-20000.00	-3.457217	20	PASS
11N20SI SO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11N20SI SO	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11N20SI SO	Ant1	5825	NV	-10	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5825	NV	0	-60000.00	-10.300429	20	PASS
11N20SI SO	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11N20SI SO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11N20SI	Ant1	5825	NV	30	-40000.00	-6.866953	20	PASS

SO								
11N20SISO	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11N20SISO	Ant2	5825	NV	-30	0.00	0.000000	20	PASS
11N20SISO	Ant2	5825	NV	-20	-40000.00	-6.866953	20	PASS
11N20SISO	Ant2	5825	NV	-10	-20000.00	-3.433476	20	PASS
11N20SISO	Ant2	5825	NV	0	-20000.00	-3.433476	20	PASS
11N20SISO	Ant2	5825	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant2	5825	NV	20	-20000.00	-3.433476	20	PASS
11N20SISO	Ant2	5825	NV	30	-20000.00	-3.433476	20	PASS
11N20SISO	Ant2	5825	NV	40	-20000.00	-3.433476	20	PASS
11N20SISO	Ant2	5825	NV	50	-40000.00	-6.866953	20	PASS
11N40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	0	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	50	0.00	0.000000	20	PASS
11N40SI	Ant2	5190	NV	-30	-40000.00	-7.707129	20	PASS

SO								
11N40SI SO	Ant2	5190	NV	-20	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant2	5190	NV	-10	-80000.00	-15.414258	20	PASS
11N40SI SO	Ant2	5190	NV	0	-80000.00	-15.414258	20	PASS
11N40SI SO	Ant2	5190	NV	10	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant2	5190	NV	20	0.00	0.000000	20	PASS
11N40SI SO	Ant2	5190	NV	30	-40000.00	-7.707129	20	PASS
11N40SI SO	Ant2	5190	NV	40	0.00	0.000000	20	PASS
11N40SI SO	Ant2	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	-80000.00	-15.296367	20	PASS
11N40SI SO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	0	-80000.00	-15.296367	20	PASS
11N40SI SO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant1	5230	NV	30	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5230	NV	40	-80000.00	-15.296367	20	PASS
11N40SI SO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant2	5230	NV	-30	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant2	5230	NV	-20	-40000.00	-7.648184	20	PASS
11N40SI SO	Ant2	5230	NV	-10	0.00	0.000000	20	PASS
11N40SI	Ant2	5230	NV	0	-40000.00	-7.648184	20	PASS

SO								
11N40SISO	Ant2	5230	NV	10	-40000.00	-7.648184	20	PASS
11N40SISO	Ant2	5230	NV	20	-80000.00	-15.296367	20	PASS
11N40SISO	Ant2	5230	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant2	5230	NV	40	-40000.00	-7.648184	20	PASS
11N40SISO	Ant2	5230	NV	50	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	0	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	10	-80000.00	-13.900956	20	PASS
11N40SISO	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS
11N40SISO	Ant1	5755	NV	30	-80000.00	-13.900956	20	PASS
11N40SISO	Ant1	5755	NV	40	0.00	0.000000	20	PASS
11N40SISO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	-30	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	-20	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	-10	-40000.00	-6.950478	20	PASS
11N40SISO	Ant2	5755	NV	0	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	10	-80000.00	-13.900956	20	PASS
11N40SISO	Ant2	5755	NV	20	-40000.00	-6.950478	20	PASS
11N40SI	Ant2	5755	NV	30	-80000.00	-13.900956	20	PASS

SO								
11N40SISO	Ant2	5755	NV	40	0.00	0.000000	20	PASS
11N40SISO	Ant2	5755	NV	50	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	-20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	-10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	0	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant1	5795	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	40	0.00	0.000000	20	PASS
11N40SISO	Ant1	5795	NV	50	-80000.00	-13.805004	20	PASS
11N40SISO	Ant2	5795	NV	-30	40000.00	6.902502	20	PASS
11N40SISO	Ant2	5795	NV	-20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	-10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	0	-80000.00	-13.805004	20	PASS
11N40SISO	Ant2	5795	NV	10	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	20	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant2	5795	NV	40	-40000.00	-6.902502	20	PASS
11N40SISO	Ant2	5795	NV	50	0.00	0.000000	20	PASS
11AC20S	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS

ISO								
11AC20S ISO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5180	NV	-10	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5180	NV	30	-60000.00	-11.583012	20	PASS
11AC20S ISO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11AC20S ISO	Ant2	5180	NV	-30	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant2	5180	NV	-10	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant2	5180	NV	0	-60000.00	-11.583012	20	PASS
11AC20S ISO	Ant2	5180	NV	10	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant2	5180	NV	20	-60000.00	-11.583012	20	PASS
11AC20S ISO	Ant2	5180	NV	30	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant2	5180	NV	40	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant2	5180	NV	50	-40000.00	-7.722008	20	PASS
11AC20S ISO	Ant1	5220	NV	-30	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11AC20S ISO	Ant1	5220	NV	-10	-40000.00	-7.662835	20	PASS
11AC20S	Ant1	5220	NV	0	-40000.00	-7.662835	20	PASS

ISO								
11AC20S ISO	Ant1	5220	NV	10	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5220	NV	20	-60000.00	-11.494253	20	PASS
11AC20S ISO	Ant1	5220	NV	30	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5220	NV	40	-60000.00	-11.494253	20	PASS
11AC20S ISO	Ant1	5220	NV	50	-60000.00	-11.494253	20	PASS
11AC20S ISO	Ant2	5220	NV	-30	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	NV	-20	-80000.00	-15.325670	20	PASS
11AC20S ISO	Ant2	5220	NV	-10	-60000.00	-11.494253	20	PASS
11AC20S ISO	Ant2	5220	NV	0	-60000.00	-11.494253	20	PASS
11AC20S ISO	Ant2	5220	NV	10	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	NV	20	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	NV	30	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	NV	40	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant2	5220	NV	50	-40000.00	-7.662835	20	PASS
11AC20S ISO	Ant1	5240	NV	-30	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant1	5240	NV	-20	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant1	5240	NV	0	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant1	5240	NV	10	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant1	5240	NV	20	-60000.00	-11.450382	20	PASS
11AC20S	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS

ISO								
11AC20S ISO	Ant1	5240	NV	40	-60000.00	-11.450382	20	PASS
11AC20S ISO	Ant1	5240	NV	50	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant2	5240	NV	-30	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant2	5240	NV	-20	-20000.00	-3.816794	20	PASS
11AC20S ISO	Ant2	5240	NV	-10	-60000.00	-11.450382	20	PASS
11AC20S ISO	Ant2	5240	NV	0	-60000.00	-11.450382	20	PASS
11AC20S ISO	Ant2	5240	NV	10	-60000.00	-11.450382	20	PASS
11AC20S ISO	Ant2	5240	NV	20	-60000.00	-11.450382	20	PASS
11AC20S ISO	Ant2	5240	NV	30	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant2	5240	NV	40	-40000.00	-7.633588	20	PASS
11AC20S ISO	Ant2	5240	NV	50	-60000.00	-11.450382	20	PASS
11AC20S ISO	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
11AC20S ISO	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant1	5745	NV	0	-20000.00	-3.481288	20	PASS
11AC20S ISO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant1	5745	NV	30	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11AC20S	Ant2	5745	NV	-30	-40000.00	-6.962576	20	PASS

ISO								
11AC20S ISO	Ant2	5745	NV	-20	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant2	5745	NV	-10	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant2	5745	NV	0	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant2	5745	NV	10	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant2	5745	NV	20	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant2	5745	NV	30	-60000.00	-10.443864	20	PASS
11AC20S ISO	Ant2	5745	NV	40	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant2	5745	NV	50	-40000.00	-6.962576	20	PASS
11AC20S ISO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	10	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5785	NV	40	-20000.00	-3.457217	20	PASS
11AC20S ISO	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant2	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant2	5785	NV	-20	-60000.00	-10.371651	20	PASS
11AC20S ISO	Ant2	5785	NV	-10	-60000.00	-10.371651	20	PASS
11AC20S	Ant2	5785	NV	0	-40000.00	-6.914434	20	PASS

ISO								
11AC20S ISO	Ant2	5785	NV	10	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant2	5785	NV	20	-60000.00	-10.371651	20	PASS
11AC20S ISO	Ant2	5785	NV	30	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant2	5785	NV	40	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant2	5785	NV	50	-40000.00	-6.914434	20	PASS
11AC20S ISO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	30	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant2	5825	NV	-30	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant2	5825	NV	-20	-60000.00	-10.300429	20	PASS
11AC20S ISO	Ant2	5825	NV	-10	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant2	5825	NV	0	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant2	5825	NV	10	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant2	5825	NV	20	-60000.00	-10.300429	20	PASS
11AC20S	Ant2	5825	NV	30	-40000.00	-6.866953	20	PASS

ISO								
11AC20S ISO	Ant2	5825	NV	40	-40000.00	-6.866953	20	PASS
11AC20S ISO	Ant2	5825	NV	50	-60000.00	-10.300429	20	PASS
11AC40S ISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	0	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant2	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant2	5190	NV	-20	-40000.00	-7.707129	20	PASS
11AC40S ISO	Ant2	5190	NV	-10	40000.00	7.707129	20	PASS
11AC40S ISO	Ant2	5190	NV	0	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant2	5190	NV	10	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant2	5190	NV	20	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant2	5190	NV	30	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant2	5190	NV	40	-80000.00	-15.414258	20	PASS
11AC40S ISO	Ant2	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40S	Ant1	5230	NV	-30	-40000.00	-7.648184	20	PASS

ISO								
11AC40S ISO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	0	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	20	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	30	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant1	5230	NV	50	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant2	5230	NV	-30	-80000.00	-15.296367	20	PASS
11AC40S ISO	Ant2	5230	NV	-20	-80000.00	-15.296367	20	PASS
11AC40S ISO	Ant2	5230	NV	-10	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant2	5230	NV	0	-80000.00	-15.296367	20	PASS
11AC40S ISO	Ant2	5230	NV	10	-40000.00	-7.648184	20	PASS
11AC40S ISO	Ant2	5230	NV	20	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5230	NV	30	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5230	NV	40	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5230	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant1	5755	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5755	NV	-10	-80000.00	-13.900956	20	PASS
11AC40S	Ant1	5755	NV	0	0.00	0.000000	20	PASS

ISO								
11AC40S ISO	Ant1	5755	NV	10	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant1	5755	NV	20	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant1	5755	NV	30	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant1	5755	NV	50	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant2	5755	NV	-10	-80000.00	-13.900956	20	PASS
11AC40S ISO	Ant2	5755	NV	0	-80000.00	-13.900956	20	PASS
11AC40S ISO	Ant2	5755	NV	10	-80000.00	-13.900956	20	PASS
11AC40S ISO	Ant2	5755	NV	20	-80000.00	-13.900956	20	PASS
11AC40S ISO	Ant2	5755	NV	30	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant2	5755	NV	40	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5755	NV	50	-40000.00	-6.950478	20	PASS
11AC40S ISO	Ant2	5755	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5795	NV	-30	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5795	NV	-20	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant1	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5795	NV	20	0.00	0.000000	20	PASS
11AC40S	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS

ISO								
11AC40S ISO	Ant1	5795	NV	40	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant1	5795	NV	50	40000.00	6.902502	20	PASS
11AC40S ISO	Ant2	5795	NV	-30	-80000.00	-13.805004	20	PASS
11AC40S ISO	Ant2	5795	NV	-20	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5795	NV	-10	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant2	5795	NV	0	0.00	0.000000	20	PASS
11AC40S ISO	Ant2	5795	NV	10	-80000.00	-13.805004	20	PASS
11AC40S ISO	Ant2	5795	NV	20	-80000.00	-13.805004	20	PASS
11AC40S ISO	Ant2	5795	NV	30	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant2	5795	NV	40	-40000.00	-6.902502	20	PASS
11AC40S ISO	Ant2	5795	NV	50	-40000.00	-6.902502	20	PASS
11AC80S ISO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5210	NV	-20	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant1	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5210	NV	10	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant1	5210	NV	20	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant1	5210	NV	40	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant1	5210	NV	50	0.00	0.000000	20	PASS
11AC80S	Ant2	5210	NV	-30	0.00	0.000000	20	PASS

ISO								
11AC80S ISO	Ant2	5210	NV	-20	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant2	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant2	5210	NV	0	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5210	NV	10	-80000.00	-15.355086	20	PASS
11AC80S ISO	Ant2	5210	NV	20	80000.00	15.355086	20	PASS
11AC80S ISO	Ant2	5210	NV	30	80000.00	15.355086	20	PASS
11AC80S ISO	Ant2	5210	NV	40	80000.00	15.355086	20	PASS
11AC80S ISO	Ant2	5210	NV	50	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	-20	80000.00	13.852814	20	PASS
11AC80S ISO	Ant1	5775	NV	-10	80000.00	13.852814	20	PASS
11AC80S ISO	Ant1	5775	NV	0	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant1	5775	NV	10	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant1	5775	NV	20	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	30	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant1	5775	NV	40	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	50	0.00	0.000000	20	PASS
11AC80S ISO	Ant2	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant2	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant2	5775	NV	-10	0.00	0.000000	20	PASS
11AC80S	Ant2	5775	NV	0	0.00	0.000000	20	PASS

ISO								
11AC80S ISO	Ant2	5775	NV	10	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant2	5775	NV	20	-80000.00	-13.852814	20	PASS
11AC80S ISO	Ant2	5775	NV	30	80000.00	13.852814	20	PASS
11AC80S ISO	Ant2	5775	NV	40	80000.00	13.852814	20	PASS
11AC80S ISO	Ant2	5775	NV	50	-80000.00	-13.852814	20	PASS
11AX20SI SO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11AX20SI SO	Ant1	5180	NV	0	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	10	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	20	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	30	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	40	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	-30	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	-20	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	-10	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	0	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	10	-40000.00	-7.722008	20	PASS
11AX20SI SO	Ant2	5180	NV	20	-40000.00	-7.722008	20	PASS
11AX20SI	Ant2	5180	NV	30	-40000.00	-7.722008	20	PASS

SO								
11AX20SISO	Ant2	5180	NV	40	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant2	5180	NV	50	-40000.00	-7.722008	20	PASS
11AX20SISO	Ant1	5220	NV	-30	-20000.00	-3.831418	20	PASS
11AX20SISO	Ant1	5220	NV	-20	-20000.00	-3.831418	20	PASS
11AX20SISO	Ant1	5220	NV	-10	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant1	5220	NV	0	-20000.00	-3.831418	20	PASS
11AX20SISO	Ant1	5220	NV	10	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant1	5220	NV	20	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant1	5220	NV	30	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant1	5220	NV	40	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant1	5220	NV	50	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	-30	-60000.00	-11.494253	20	PASS
11AX20SISO	Ant2	5220	NV	-20	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	-10	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	0	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	10	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	20	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	30	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	40	-40000.00	-7.662835	20	PASS
11AX20SISO	Ant2	5220	NV	50	-40000.00	-7.662835	20	PASS
11AX20SI	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS

SO								
11AX20SISO	Ant1	5240	NV	-20	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant1	5240	NV	-10	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	NV	20	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant1	5240	NV	30	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant2	5240	NV	-30	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	-20	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	-10	-20000.00	-3.816794	20	PASS
11AX20SISO	Ant2	5240	NV	0	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	10	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	20	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	30	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	40	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant2	5240	NV	50	-40000.00	-7.633588	20	PASS
11AX20SISO	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11AX20SI	Ant1	5745	NV	0	-40000.00	-6.962576	20	PASS

SO								
11AX20SISO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5745	NV	50	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant2	5745	NV	-30	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	-20	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	-10	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	0	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	10	-20000.00	-3.481288	20	PASS
11AX20SISO	Ant2	5745	NV	20	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	30	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	40	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant2	5745	NV	50	-40000.00	-6.962576	20	PASS
11AX20SISO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	-20	-20000.00	-3.457217	20	PASS
11AX20SISO	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11AX20SISO	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	10	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11AX20SI	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS

SO								
11AX20SISO	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	-20	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	-10	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	0	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	10	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	20	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	30	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	40	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant2	5785	NV	50	-40000.00	-6.914434	20	PASS
11AX20SISO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	-10	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant1	5825	NV	0	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant1	5825	NV	10	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant1	5825	NV	40	-20000.00	-3.433476	20	PASS
11AX20SISO	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS
11AX20SI	Ant2	5825	NV	-30	-40000.00	-6.866953	20	PASS

SO								
11AX20SISO	Ant2	5825	NV	-20	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	-10	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	0	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	10	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	20	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	30	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	40	-40000.00	-6.866953	20	PASS
11AX20SISO	Ant2	5825	NV	50	-40000.00	-6.866953	20	PASS
11AX40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5190	NV	-10	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5190	NV	10	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	20	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	40	-40000.00	-7.707129	20	PASS
11AX40SISO	Ant1	5190	NV	50	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5190	NV	-30	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5190	NV	-20	40000.00	7.707129	20	PASS
11AX40SISO	Ant2	5190	NV	-10	40000.00	7.707129	20	PASS
11AX40SI	Ant2	5190	NV	0	40000.00	7.707129	20	PASS

SO								
11AX40SI SO	Ant2	5190	NV	10	40000.00	7.707129	20	PASS
11AX40SI SO	Ant2	5190	NV	20	40000.00	7.707129	20	PASS
11AX40SI SO	Ant2	5190	NV	30	40000.00	7.707129	20	PASS
11AX40SI SO	Ant2	5190	NV	40	-40000.00	-7.707129	20	PASS
11AX40SI SO	Ant2	5190	NV	50	-40000.00	-7.707129	20	PASS
11AX40SI SO	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5230	NV	-20	80000.00	15.296367	20	PASS
11AX40SI SO	Ant1	5230	NV	-10	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5230	NV	10	-40000.00	-7.648184	20	PASS
11AX40SI SO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5230	NV	30	0.00	0.000000	20	PASS
11AX40SI SO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11AX40SI SO	Ant1	5230	NV	50	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5230	NV	-30	40000.00	7.648184	20	PASS
11AX40SI SO	Ant2	5230	NV	-20	40000.00	7.648184	20	PASS
11AX40SI SO	Ant2	5230	NV	-10	0.00	0.000000	20	PASS
11AX40SI SO	Ant2	5230	NV	0	-80000.00	-15.296367	20	PASS
11AX40SI SO	Ant2	5230	NV	10	-40000.00	-7.648184	20	PASS
11AX40SI SO	Ant2	5230	NV	20	0.00	0.000000	20	PASS
11AX40SI	Ant2	5230	NV	30	0.00	0.000000	20	PASS

SO								
11AX40SISO	Ant2	5230	NV	40	-80000.00	-15.296367	20	PASS
11AX40SISO	Ant2	5230	NV	50	-80000.00	-15.296367	20	PASS
11AX40SISO	Ant1	5755	NV	-30	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	-20	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	-10	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	0	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	10	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	20	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	30	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5755	NV	40	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant1	5755	NV	50	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant2	5755	NV	-30	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant2	5755	NV	-20	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant2	5755	NV	-10	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5755	NV	0	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5755	NV	10	-80000.00	-13.900956	20	PASS
11AX40SISO	Ant2	5755	NV	20	-40000.00	-6.950478	20	PASS
11AX40SISO	Ant2	5755	NV	30	-80000.00	-13.900956	20	PASS
11AX40SISO	Ant2	5755	NV	40	-80000.00	-13.900956	20	PASS
11AX40SISO	Ant2	5755	NV	50	-40000.00	-6.950478	20	PASS
11AX40SI	Ant1	5795	NV	-30	-40000.00	-6.902502	20	PASS

SO								
11AX40SISO	Ant1	5795	NV	-20	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5795	NV	-10	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5795	NV	0	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	10	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5795	NV	20	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	30	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant1	5795	NV	40	0.00	0.000000	20	PASS
11AX40SISO	Ant1	5795	NV	50	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5795	NV	-30	-80000.00	-13.805004	20	PASS
11AX40SISO	Ant2	5795	NV	-20	-80000.00	-13.805004	20	PASS
11AX40SISO	Ant2	5795	NV	-10	-80000.00	-13.805004	20	PASS
11AX40SISO	Ant2	5795	NV	0	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5795	NV	10	0.00	0.000000	20	PASS
11AX40SISO	Ant2	5795	NV	20	-80000.00	-13.805004	20	PASS
11AX40SISO	Ant2	5795	NV	30	-40000.00	-6.902502	20	PASS
11AX40SISO	Ant2	5795	NV	40	80000.00	13.805004	20	PASS
11AX40SISO	Ant2	5795	NV	50	40000.00	6.902502	20	PASS
11AX80SISO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	-20	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5210	NV	-10	-80000.00	-15.355086	20	PASS
11AX80SI	Ant1	5210	NV	0	0.00	0.000000	20	PASS

SO								
11AX80SI SO	Ant1	5210	NV	10	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5210	NV	20	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AX80SI SO	Ant1	5210	NV	40	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5210	NV	50	-80000.00	-15.355086	20	PASS
11AX80SI SO	Ant2	5210	NV	-30	0.00	0.000000	20	PASS
11AX80SI SO	Ant2	5210	NV	-20	0.00	0.000000	20	PASS
11AX80SI SO	Ant2	5210	NV	-10	0.00	0.000000	20	PASS
11AX80SI SO	Ant2	5210	NV	0	0.00	0.000000	20	PASS
11AX80SI SO	Ant2	5210	NV	10	-80000.00	-15.355086	20	PASS
11AX80SI SO	Ant2	5210	NV	20	80000.00	15.355086	20	PASS
11AX80SI SO	Ant2	5210	NV	30	-80000.00	-15.355086	20	PASS
11AX80SI SO	Ant2	5210	NV	40	0.00	0.000000	20	PASS
11AX80SI SO	Ant2	5210	NV	50	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5775	NV	-20	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5775	NV	-10	80000.00	13.852814	20	PASS
11AX80SI SO	Ant1	5775	NV	0	80000.00	13.852814	20	PASS
11AX80SI SO	Ant1	5775	NV	10	0.00	0.000000	20	PASS
11AX80SI SO	Ant1	5775	NV	20	0.00	0.000000	20	PASS
11AX80SI	Ant1	5775	NV	30	0.00	0.000000	20	PASS

SO								
11AX80SISO	Ant1	5775	NV	40	0.00	0.000000	20	PASS
11AX80SISO	Ant1	5775	NV	50	80000.00	13.852814	20	PASS
11AX80SISO	Ant2	5775	NV	-30	-80000.00	-13.852814	20	PASS
11AX80SISO	Ant2	5775	NV	-20	-80000.00	-13.852814	20	PASS
11AX80SISO	Ant2	5775	NV	-10	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	NV	0	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	NV	10	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	NV	20	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	NV	30	-80000.00	-13.852814	20	PASS
11AX80SISO	Ant2	5775	NV	40	0.00	0.000000	20	PASS
11AX80SISO	Ant2	5775	NV	50	0.00	0.000000	20	PASS

END OF REPORT