



Appendix D: Maximum power spectral density

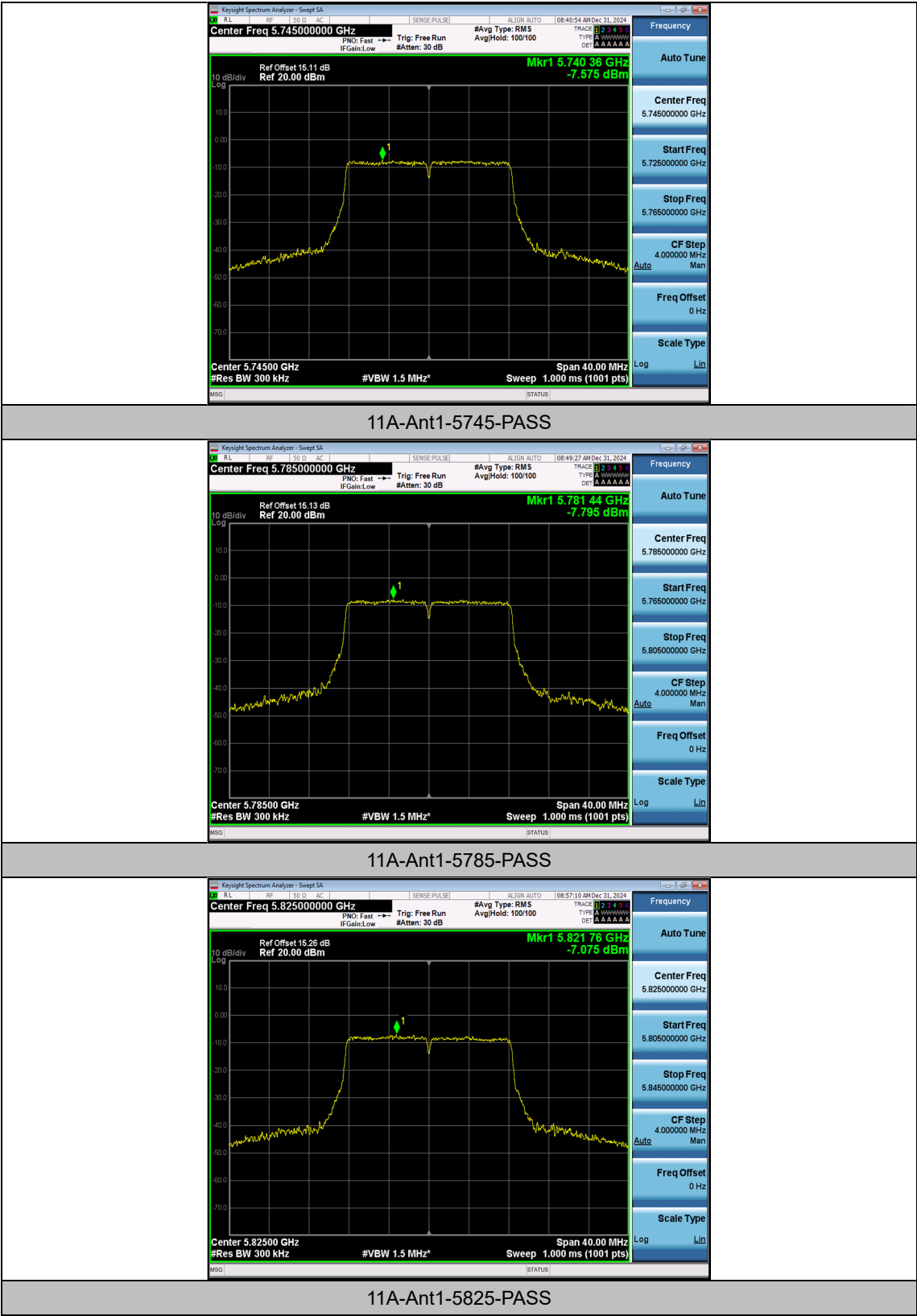
Test Result

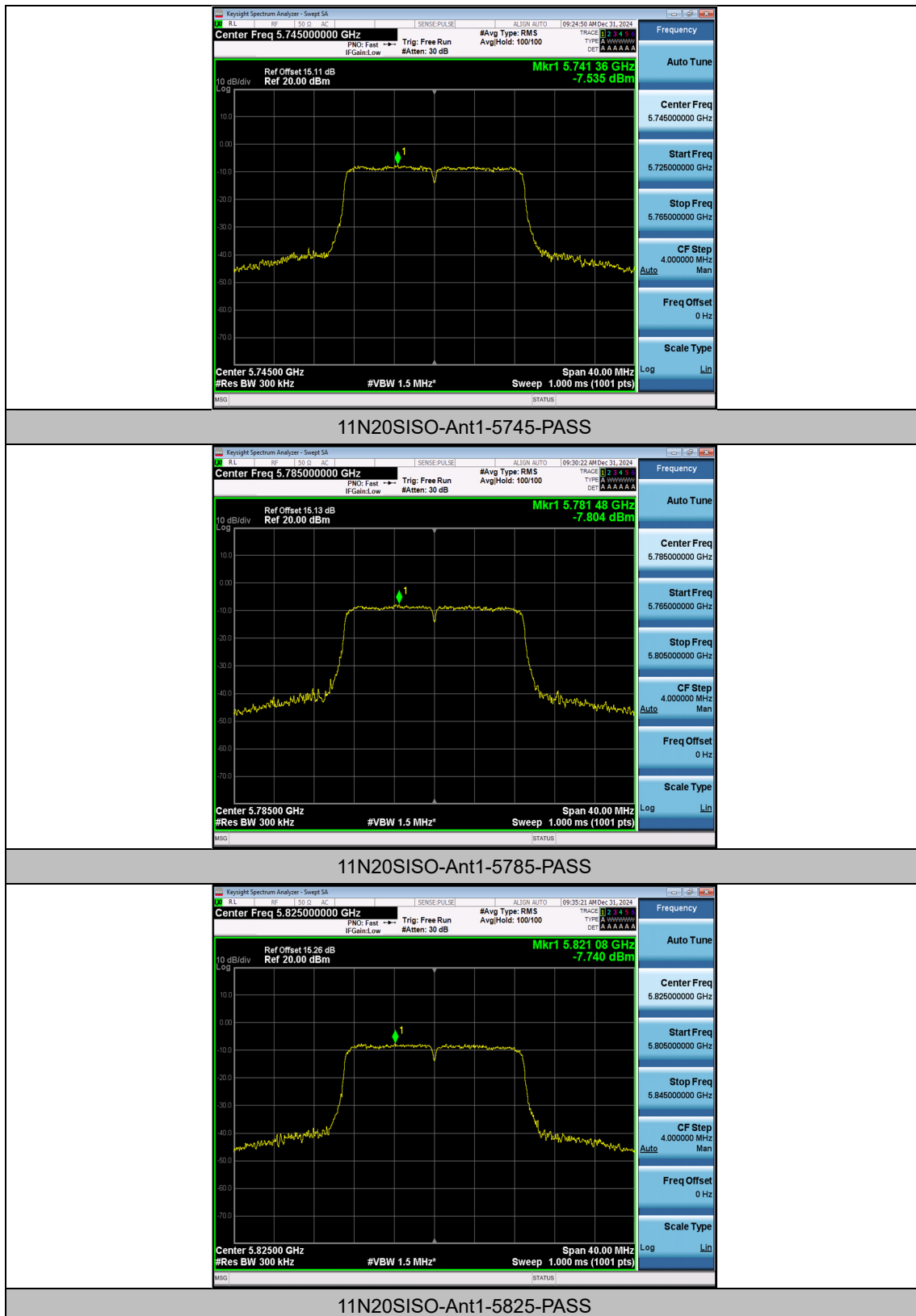
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-4.65	≤30.00	PASS
11A	Ant1	5785	-5.02	≤30.00	PASS
11A	Ant1	5825	-4.33	≤30.00	PASS
11N20SISO	Ant1	5745	-4.73	≤30.00	PASS
11N20SISO	Ant1	5785	-4.81	≤30.00	PASS
11N20SISO	Ant1	5825	-4.57	≤30.00	PASS
11AC20SISO	Ant1	5745	-3.42	≤30.00	PASS
11AC20SISO	Ant1	5785	-5.51	≤30.00	PASS
11AC20SISO	Ant1	5825	-5.05	≤30.00	PASS

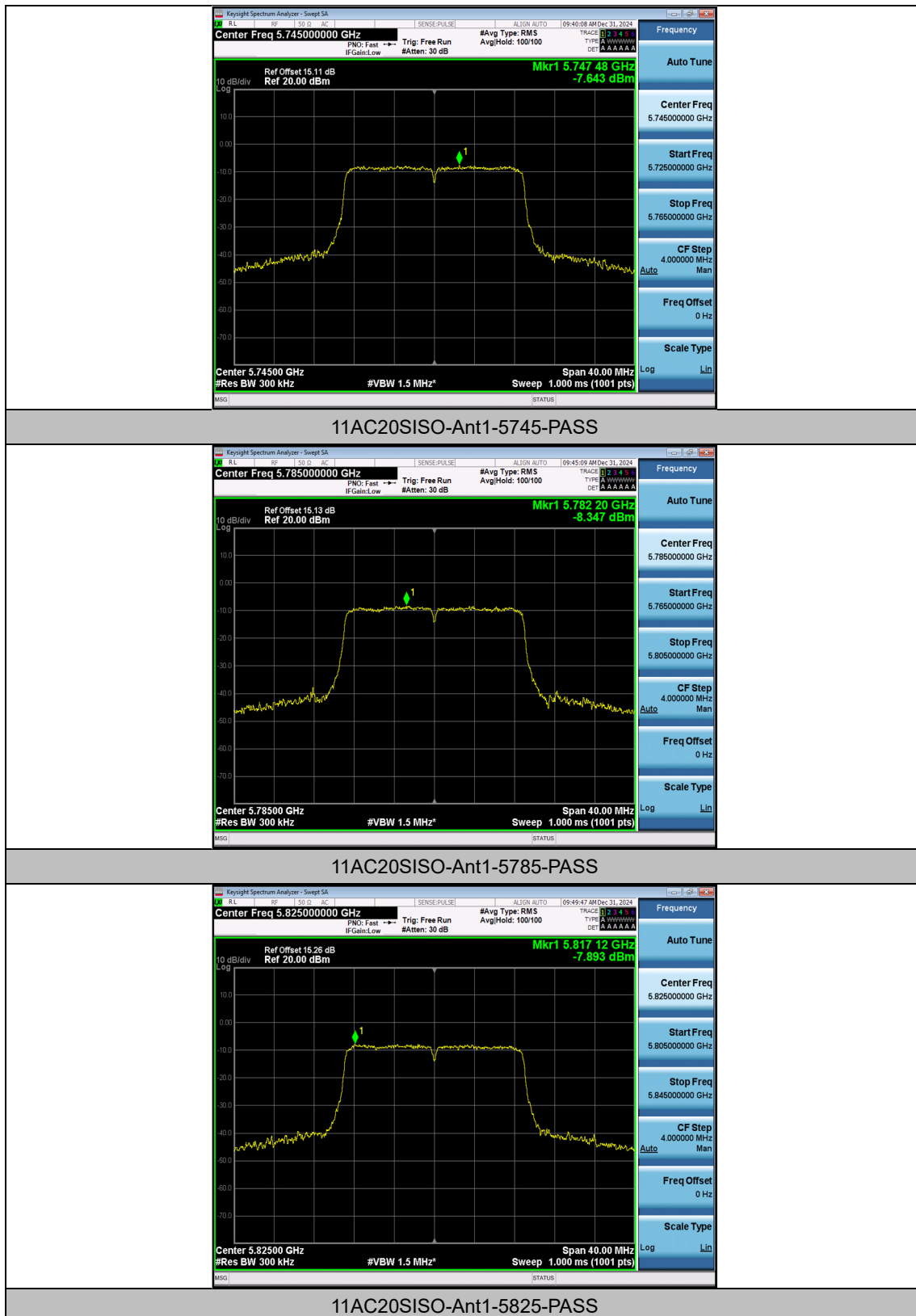
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs







Appendix E: Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
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	-60000.00	-10.443864	20	PASS
11A	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	LV	NT	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	HV	NT	-40000.00	-6.914434	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	-40000.00	-6.866953	20	PASS
11N20SISO	Ant1	5745	NV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	LV	NT	-20000.00	-3.481288	20	PASS
11N20SISO	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS
11N20SISO	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	LV	NT	-40000.00	-6.914434	20	PASS
11N20SISO	Ant1	5785	HV	NT	-40000.00	-6.914434	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
11AC20SISO	Ant1	5745	NV	NT	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	LV	NT	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5745	HV	NT	-40000.00	-6.962576	20	PASS
11AC20SISO	Ant1	5785	NV	NT	-40000.00	-6.914434	20	PASS
11AC20SISO	Ant1	5785	LV	NT	-40000.00	-6.914434	20	PASS

11AC20SI SO	Ant1	5785	HV	NT	-20000.00	-3.457217	20	PASS
11AC20SI SO	Ant1	5825	NV	NT	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5825	LV	NT	-60000.00	-10.300429	20	PASS
11AC20SI SO	Ant1	5825	HV	NT	-40000.00	-6.866953	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	-10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11A	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11A	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11A	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	-10	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	0	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	10	-60000.00	-10.371651	20	PASS
11A	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11A	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS
11A	Ant1	5825	NV	-30	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	-20	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	-10	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	20	-60000.00	-10.300429	20	PASS
11A	Ant1	5825	NV	30	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11A	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11N20SIS O	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11N20SIS O	Ant1	5745	NV	-20	-20000.00	-3.481288	20	PASS

11N20SIS O	Ant1	5745	NV	-10	-60000.00	-10.443864	20	PASS
11N20SIS O	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11N20SIS O	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11N20SIS O	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11N20SIS O	Ant1	5745	NV	30	-40000.00	-6.962576	20	PASS
11N20SIS O	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11N20SIS O	Ant1	5745	NV	50	-40000.00	-6.962576	20	PASS
11N20SIS O	Ant1	5785	NV	-30	-20000.00	-3.457217	20	PASS
11N20SIS O	Ant1	5785	NV	-20	-40000.00	-6.914434	20	PASS
11N20SIS O	Ant1	5785	NV	-10	-60000.00	-10.371651	20	PASS
11N20SIS O	Ant1	5785	NV	0	-60000.00	-10.371651	20	PASS
11N20SIS O	Ant1	5785	NV	10	-40000.00	-6.914434	20	PASS
11N20SIS O	Ant1	5785	NV	20	-40000.00	-6.914434	20	PASS
11N20SIS O	Ant1	5785	NV	30	-60000.00	-10.371651	20	PASS
11N20SIS O	Ant1	5785	NV	40	-40000.00	-6.914434	20	PASS
11N20SIS O	Ant1	5785	NV	50	-20000.00	-3.457217	20	PASS
11N20SIS O	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11N20SIS O	Ant1	5825	NV	-20	-60000.00	-10.300429	20	PASS
11N20SIS O	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11N20SIS O	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11N20SIS O	Ant1	5825	NV	10	-60000.00	-10.300429	20	PASS
11N20SIS	Ant1	5825	NV	20	-20000.00	-3.433476	20	PASS

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11N20SIS O	Ant1	5825	NV	30	-40000.00	-6.866953	20	PASS
11N20SIS O	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11N20SIS O	Ant1	5825	NV	50	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5745	NV	-30	-40000.00	-6.962576	20	PASS
11AC20SI SO	Ant1	5745	NV	-20	-40000.00	-6.962576	20	PASS
11AC20SI SO	Ant1	5745	NV	-10	-20000.00	-3.481288	20	PASS
11AC20SI SO	Ant1	5745	NV	0	-60000.00	-10.443864	20	PASS
11AC20SI SO	Ant1	5745	NV	10	-40000.00	-6.962576	20	PASS
11AC20SI SO	Ant1	5745	NV	20	-40000.00	-6.962576	20	PASS
11AC20SI SO	Ant1	5745	NV	30	-60000.00	-10.443864	20	PASS
11AC20SI SO	Ant1	5745	NV	40	-40000.00	-6.962576	20	PASS
11AC20SI SO	Ant1	5745	NV	50	-60000.00	-10.443864	20	PASS
11AC20SI SO	Ant1	5785	NV	-30	-40000.00	-6.914434	20	PASS
11AC20SI SO	Ant1	5785	NV	-20	-60000.00	-10.371651	20	PASS
11AC20SI SO	Ant1	5785	NV	-10	-20000.00	-3.457217	20	PASS
11AC20SI SO	Ant1	5785	NV	0	-20000.00	-3.457217	20	PASS
11AC20SI SO	Ant1	5785	NV	10	-60000.00	-10.371651	20	PASS
11AC20SI SO	Ant1	5785	NV	20	-20000.00	-3.457217	20	PASS
11AC20SI SO	Ant1	5785	NV	30	-40000.00	-6.914434	20	PASS
11AC20SI SO	Ant1	5785	NV	40	-20000.00	-3.457217	20	PASS
11AC20SI SO	Ant1	5785	NV	50	-40000.00	-6.914434	20	PASS

11AC20SI SO	Ant1	5825	NV	-30	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5825	NV	-20	-20000.00	-3.433476	20	PASS
11AC20SI SO	Ant1	5825	NV	-10	-60000.00	-10.300429	20	PASS
11AC20SI SO	Ant1	5825	NV	0	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5825	NV	10	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5825	NV	20	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5825	NV	30	-20000.00	-3.433476	20	PASS
11AC20SI SO	Ant1	5825	NV	40	-40000.00	-6.866953	20	PASS
11AC20SI SO	Ant1	5825	NV	50	-20000.00	-3.433476	20	PASS