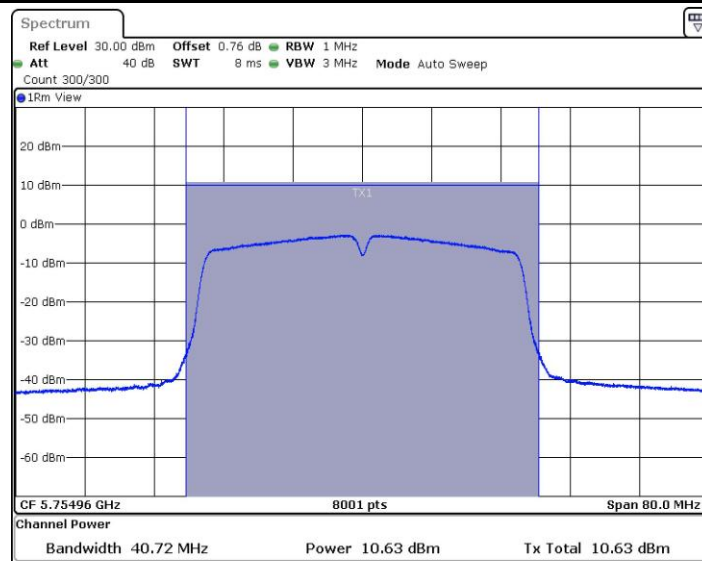
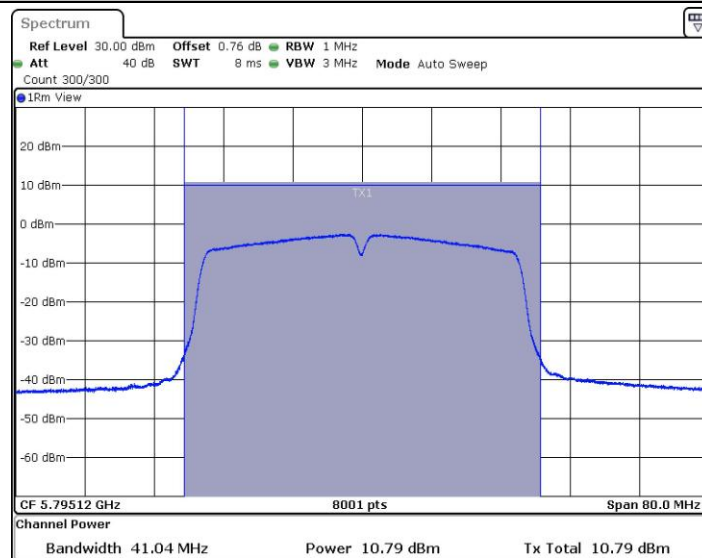


TEST REPORT

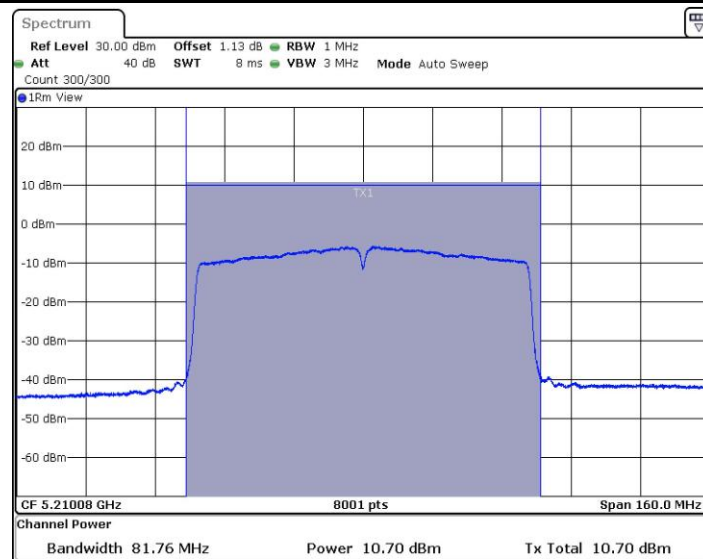


11AC40SISO_Ant1_5755

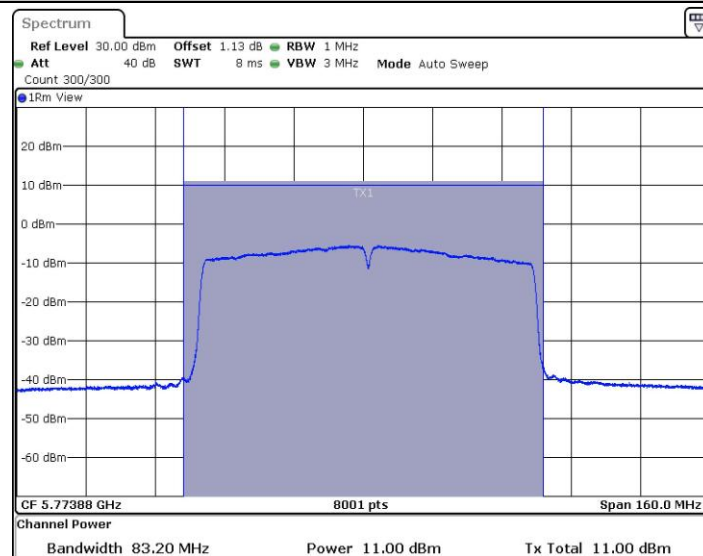


11AC40SISO_Ant1_5795

TEST REPORT



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix C: Maximum power spectral density

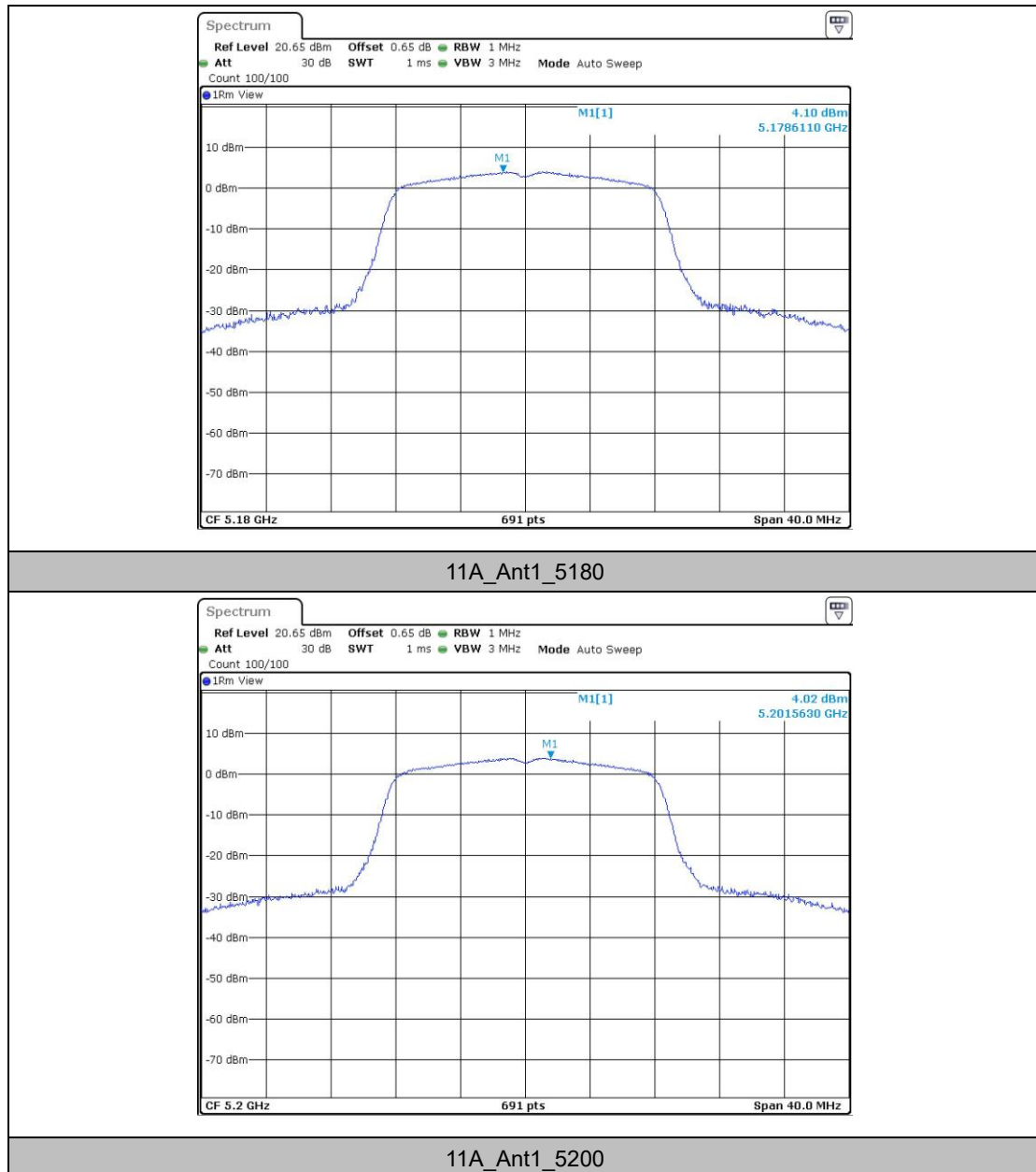
Test Result

TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.1	<=11	PASS
		5200	4.02	<=11	PASS
		5240	3.89	<=11	PASS
		5745	1.03	<=30	PASS
		5785	1.06	<=30	PASS
		5825	1.42	<=30	PASS
11N20SISO	Ant1	5180	3.78	<=11	PASS
		5200	3.77	<=11	PASS
		5240	3.31	<=11	PASS
		5745	0.87	<=30	PASS
		5785	0.63	<=30	PASS
		5825	1.16	<=30	PASS
11N40SISO	Ant1	5190	0.57	<=11	PASS
		5230	0.14	<=11	PASS
		5755	-2.37	<=30	PASS
		5795	-1.94	<=30	PASS
11AC20SISO	Ant1	5180	0.92	<=11	PASS
		5200	0.65	<=11	PASS
		5240	0.3	<=11	PASS
		5745	-1.93	<=30	PASS
		5785	-1.99	<=30	PASS
		5825	-1.89	<=30	PASS
11AC40SISO	Ant1	5190	-2.27	<=11	PASS
		5230	-2.7	<=11	PASS
		5755	-5.71	<=30	PASS
		5795	-5.6	<=30	PASS
11AC80SISO	Ant1	5210	-5.91	<=11	PASS
		5775	-8.48	<=30	PASS

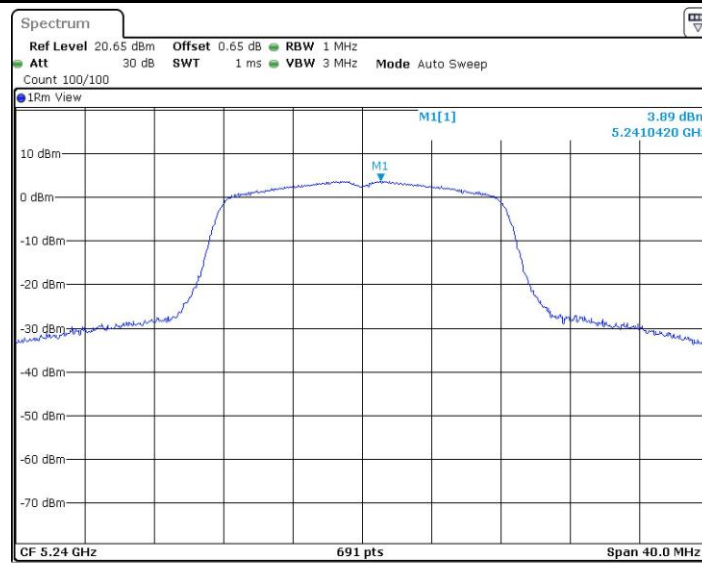
Note: The Duty Cycle Factor is compensated in the graph.

TEST REPORT

Test Graphs



TEST REPORT



11A_Ant1_5240

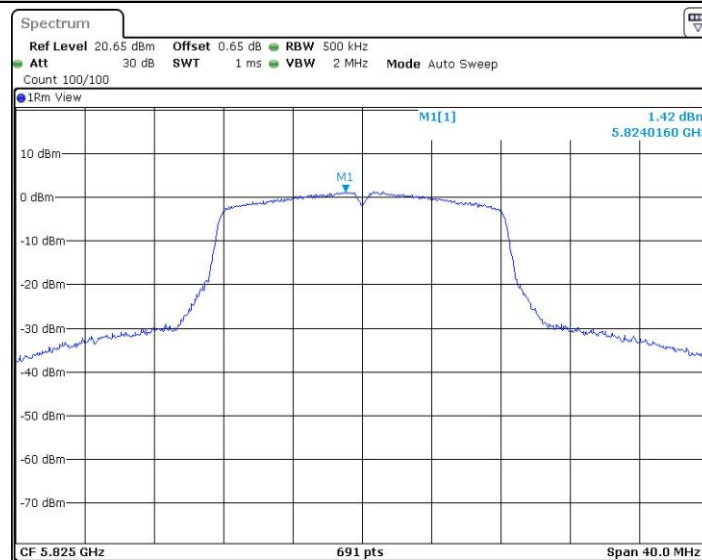


11A_Ant1_5745

TEST REPORT

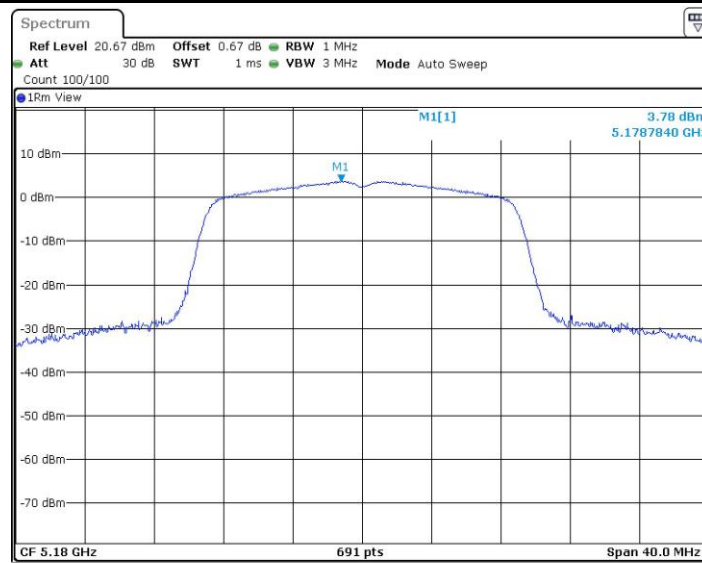


11A_Ant1_5785



11A_Ant1_5825

TEST REPORT

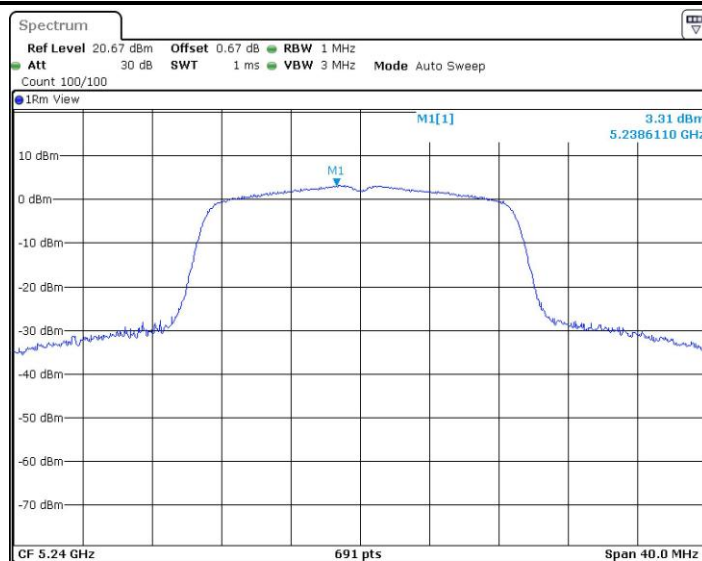


11N20SISO_Ant1_5180

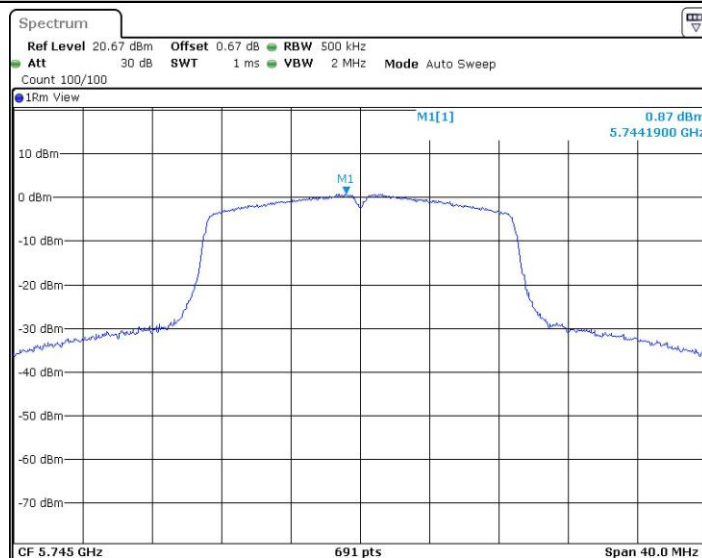


11N20SISO_Ant1_5200

TEST REPORT



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745

TEST REPORT

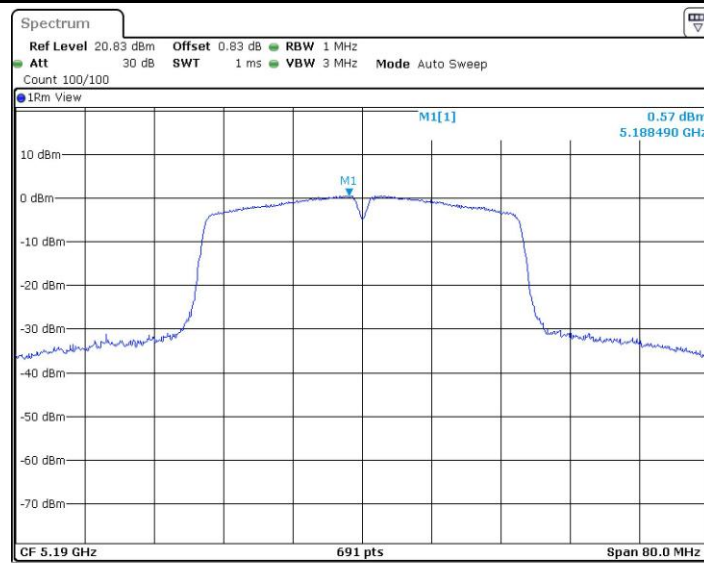


11N20SISO_Ant1_5785

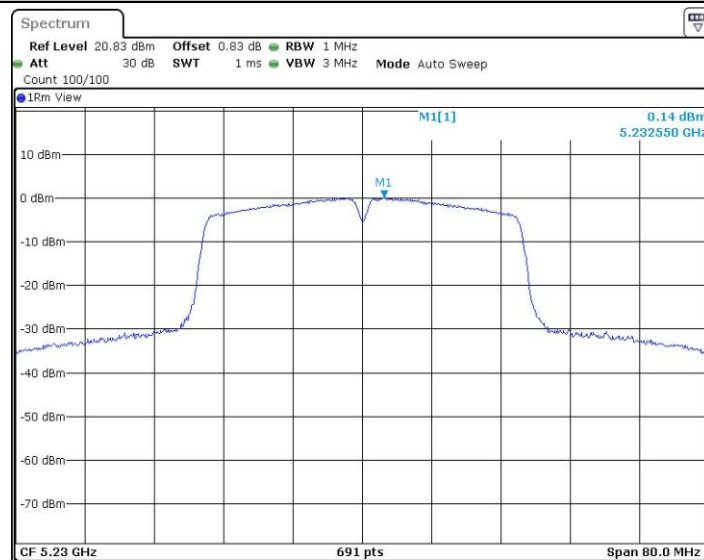


11N20SISO_Ant1_5825

TEST REPORT

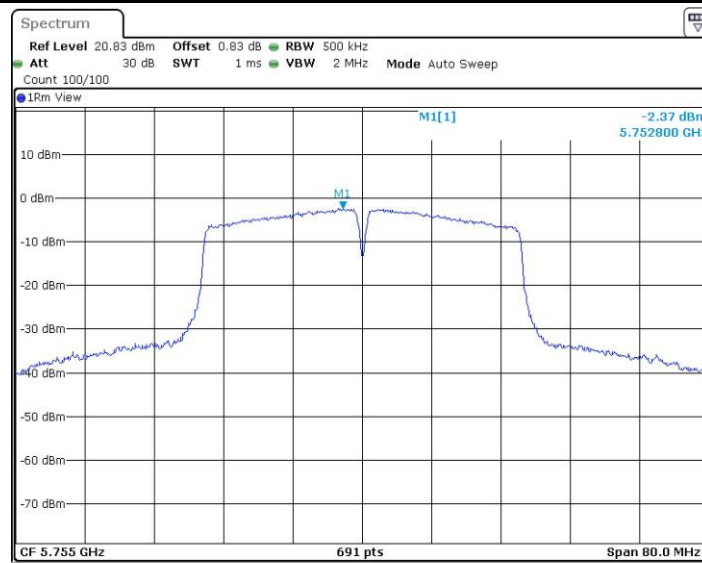


11N40SISO_Ant1_5190

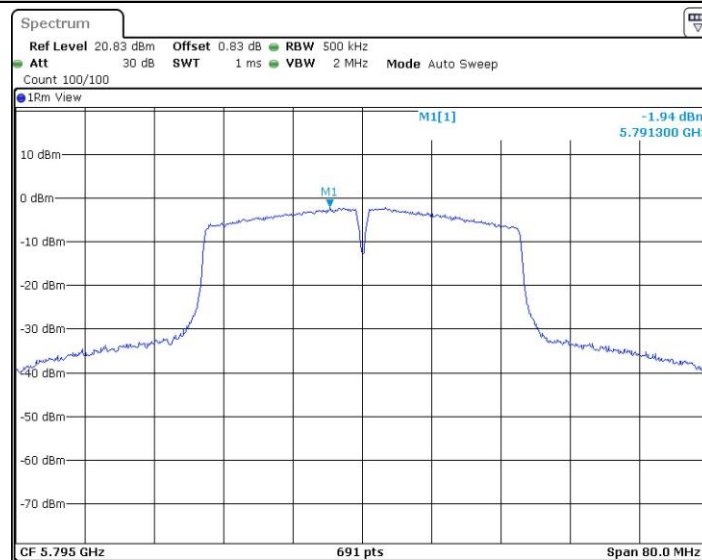


11N40SISO_Ant1_5230

TEST REPORT

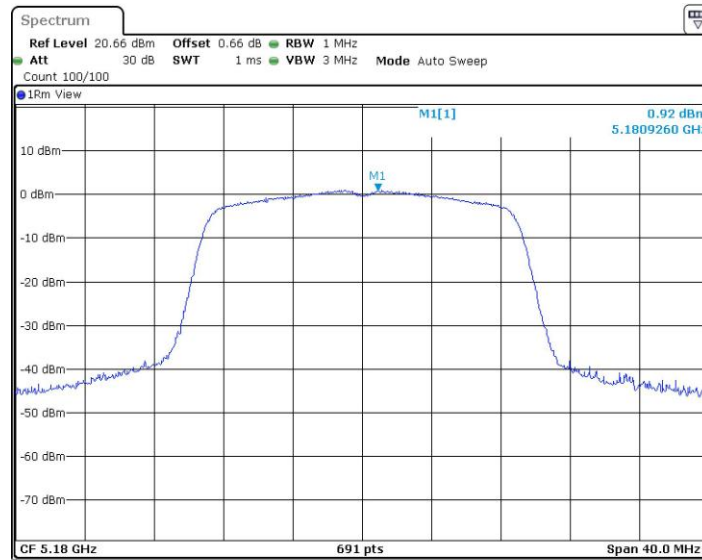


11N40SISO_Ant1_5755

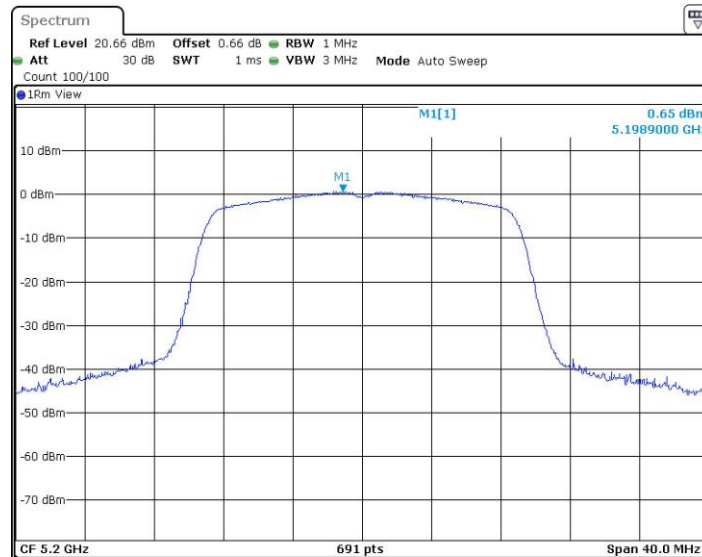


11N40SISO_Ant1_5795

TEST REPORT



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200

TEST REPORT



11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745

TEST REPORT

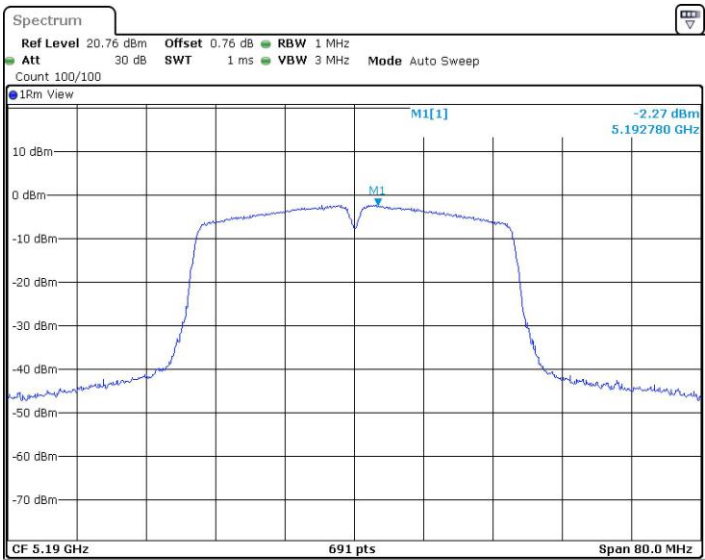


11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

TEST REPORT

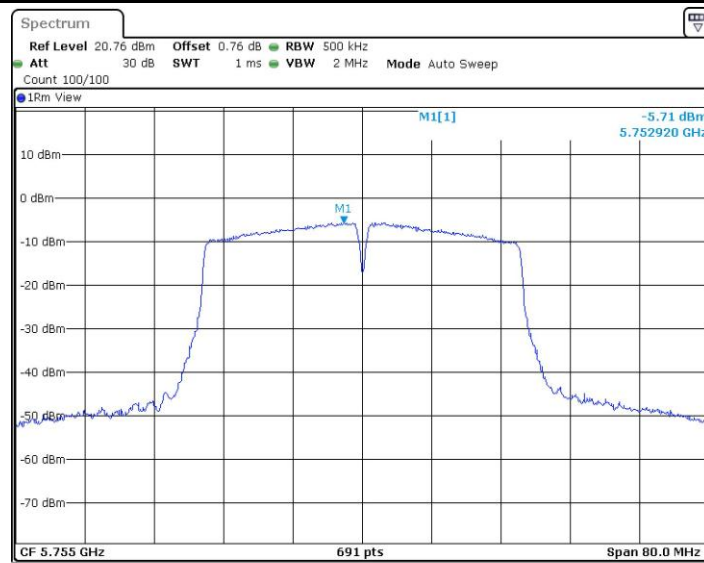


11AC40SISO_Ant1_5190

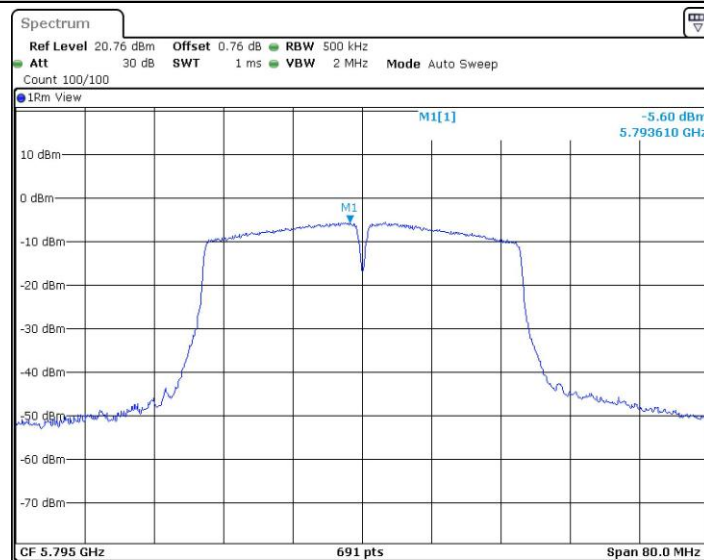


11AC40SISO_Ant1_5230

TEST REPORT

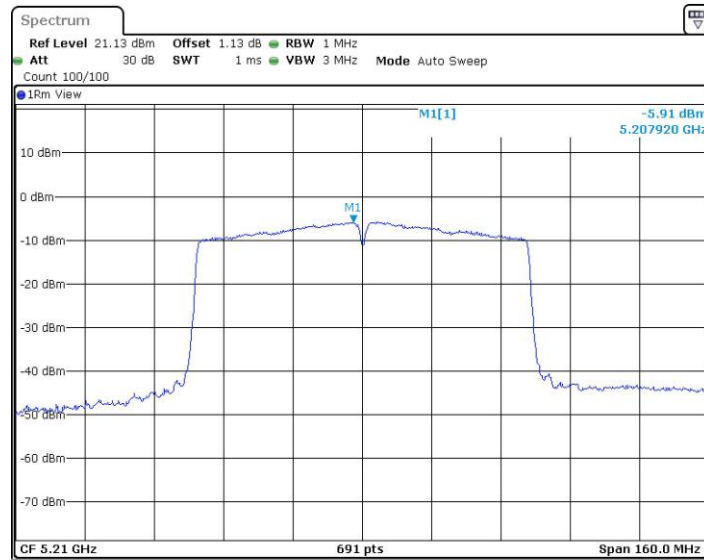


11AC40SISO_Ant1_5755

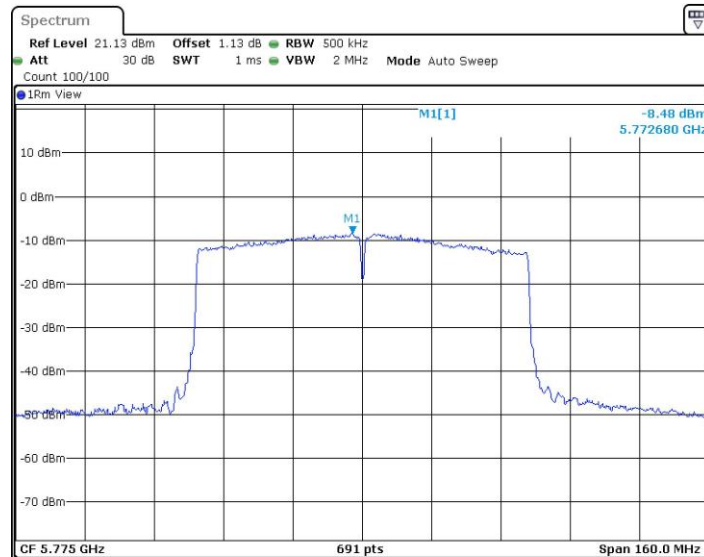


11AC40SISO_Ant1_5795

TEST REPORT



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775

Appendix D: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	-20000	-3.861004	20	PASS
		5200	NV	NT	-20000	-3.846154	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
		5745	NV	NT	-20000	-3.481288	20	PASS
			LV	NT	-40000	-6.962576	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.457217	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.433476	20	PASS
			HV	NT	-40000	-6.866953	20	PASS
11N20SI SO	Ant1	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-40000	-7.722008	20	PASS
			HV	NT	-40000	-7.722008	20	PASS
		5200	NV	NT	-40000	-7.692308	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-7.633588	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	-20000	-3.481288	20	PASS
			HV	NT	-20000	-3.481288	20	PASS
		5785	NV	NT	-40000	-6.914434	20	PASS
			LV	NT	-20000	-3.457217	20	PASS
			HV	NT	-40000	-6.914434	20	PASS
		5825	NV	NT	-20000	-3.433476	20	PASS

TEST REPORT

			LV	NT	-40000	-6.866953	20	PASS
			HV	NT	0	0	20	PASS
11N40SI SO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.707129	20	PASS
			HV	NT	-40000	-7.707129	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	-80000	-15.296367	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	-40000	-6.950478	20	PASS
			HV	NT	-40000	-6.950478	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-20000	-3.861004	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	-40000	-7.692308	20	PASS
			LV	NT	-40000	-7.692308	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-40000	-7.633588	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	-60000	-10.443864	20	PASS
			LV	NT	-40000	-6.962576	20	PASS
			HV	NT	-20000	-3.481288	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.457217	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11AC40S ISO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.707129	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	-40000	-7.648184	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5755	NV	NT	-40000	-6.950478	20	PASS
			LV	NT	-80000	-13.900956	20	PASS
			HV	NT	-40000	-6.950478	20	PASS

TEST REPORT

11AC80S ISO	Ant1	5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-6.902502	20	PASS
		5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5775	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000	-3.861004	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-20000	-3.861004	20	PASS
			NV	0	-20000	-3.861004	20	PASS
			NV	10	0	0	20	PASS
			NV	20	20000	3.861004	20	PASS
			NV	30	20000	3.861004	20	PASS
			NV	40	-20000	-3.861004	20	PASS
			NV	50	-20000	-3.861004	20	PASS
			NV	55	-20000	-3.861004	20	PASS
		5200	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.846154	20	PASS
			NV	-10	-20000	-3.846154	20	PASS
			NV	0	-20000	-3.846154	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-20000	-3.846154	20	PASS
			NV	50	-20000	-3.846154	20	PASS
			NV	55	-20000	-3.846154	20	PASS
		5240	NV	-30	-20000	-3.816794	20	PASS
			NV	-20	-20000	-3.816794	20	PASS
			NV	-10	-20000	-3.816794	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-20000	-3.816794	20	PASS

TEST REPORT

			NV	50	-20000	-3.816794	20	PASS
			NV	55	0	0	20	PASS
		5745	NV	-30	-40000	-6.962576	20	PASS
			NV	-20	-20000	-3.481288	20	PASS
			NV	-10	-20000	-3.481288	20	PASS
			NV	0	-20000	-3.481288	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.481288	20	PASS
			NV	30	-20000	-3.481288	20	PASS
			NV	40	-20000	-3.481288	20	PASS
			NV	50	-20000	-3.481288	20	PASS
			NV	55	-20000	-3.481288	20	PASS
		5785	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.457217	20	PASS
			NV	-10	-20000	-3.457217	20	PASS
			NV	0	-20000	-3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	-20000	-3.457217	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-20000	-3.457217	20	PASS
			NV	55	-20000	-3.457217	20	PASS
		5825	NV	-30	-20000	-3.433476	20	PASS
			NV	-20	-40000	-6.866953	20	PASS
			NV	-10	-20000	-3.433476	20	PASS
			NV	0	-20000	-3.433476	20	PASS
			NV	10	-20000	-3.433476	20	PASS
			NV	20	-20000	-3.433476	20	PASS
			NV	30	-40000	-6.866953	20	PASS
			NV	40	-20000	-3.433476	20	PASS
			NV	50	-20000	-3.433476	20	PASS
			NV	55	-20000	-3.433476	20	PASS
11N20Si SO	Ant1	5180	NV	-30	-20000	-3.861004	20	PASS
			NV	-20	-40000	-7.722008	20	PASS
			NV	-10	-20000	-3.861004	20	PASS
			NV	0	-20000	-3.861004	20	PASS
			NV	10	-40000	-7.722008	20	PASS
			NV	20	-20000	-3.861004	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-20000	-3.861004	20	PASS
			NV	50	-40000	-7.722008	20	PASS

TEST REPORT

		5200	NV	55	-20000	-3.861004	20	PASS
			NV	-30	0	0	20	PASS
			NV	-20	-40000	-7.692308	20	PASS
			NV	-10	-40000	-7.692308	20	PASS
			NV	0	-20000	-3.846154	20	PASS
			NV	10	-20000	-3.846154	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-20000	-3.846154	20	PASS
			NV	50	-20000	-3.846154	20	PASS
			NV	55	-20000	-3.846154	20	PASS
		5240	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.816794	20	PASS
			NV	-10	-40000	-7.633588	20	PASS
			NV	0	-20000	-3.816794	20	PASS
			NV	10	-40000	-7.633588	20	PASS
			NV	20	-40000	-7.633588	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-20000	-3.816794	20	PASS
			NV	50	-20000	-3.816794	20	PASS
			NV	55	-20000	-3.816794	20	PASS
		5745	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.481288	20	PASS
			NV	-10	-20000	-3.481288	20	PASS
			NV	0	-40000	-6.962576	20	PASS
			NV	10	-40000	-6.962576	20	PASS
			NV	20	-20000	-3.481288	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-20000	-3.481288	20	PASS
			NV	50	-40000	-6.962576	20	PASS
			NV	55	-40000	-6.962576	20	PASS
		5785	NV	-30	-20000	-3.457217	20	PASS
			NV	-20	-20000	-3.457217	20	PASS
			NV	-10	-20000	-3.457217	20	PASS
			NV	0	-20000	-3.457217	20	PASS
			NV	10	-40000	-6.914434	20	PASS
			NV	20	-40000	-6.914434	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-40000	-6.914434	20	PASS
			NV	50	-20000	-3.457217	20	PASS
			NV	55	-20000	-3.457217	20	PASS

TEST REPORT

		5825	NV	-30	-20000	-3.433476	20	PASS
			NV	-20	-40000	-6.866953	20	PASS
			NV	-10	-40000	-6.866953	20	PASS
			NV	0	-20000	-3.433476	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-20000	-3.433476	20	PASS
			NV	30	-40000	-6.866953	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-20000	-3.433476	20	PASS
			NV	55	-20000	-3.433476	20	PASS
11N40SI SO	Ant1	5190	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-7.707129	20	PASS
			NV	20	-40000	-7.707129	20	PASS
			NV	30	-40000	-7.707129	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-40000	-7.707129	20	PASS
			NV	55	-40000	-7.707129	20	PASS
		5230	NV	-30	0	0	20	PASS
			NV	-20	-40000	-7.648184	20	PASS
			NV	-10	-40000	-7.648184	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-40000	-7.648184	20	PASS
			NV	40	-40000	-7.648184	20	PASS
			NV	50	0	0	20	PASS
			NV	55	0	0	20	PASS
		5755	NV	-30	0	0	20	PASS
			NV	-20	-40000	-6.950478	20	PASS
			NV	-10	-40000	-6.950478	20	PASS
			NV	0	-40000	-6.950478	20	PASS
			NV	10	-40000	-6.950478	20	PASS
			NV	20	-40000	-6.950478	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-40000	-6.950478	20	PASS
			NV	50	0	0	20	PASS
			NV	55	-80000	-13.900956	20	PASS
		5795	NV	-30	0	0	20	PASS

TEST REPORT

			NV	-20	-40000	-6.902502	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	-40000	-6.902502	20	PASS
			NV	10	-40000	-6.902502	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-40000	-6.902502	20	PASS
			NV	40	-80000	-13.805004	20	PASS
			NV	50	-40000	-6.902502	20	PASS
			NV	55	-40000	-6.902502	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	0	0	20	PASS
			NV	-20	-40000	-7.722008	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	-40000	-7.722008	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-40000	-7.722008	20	PASS
			NV	30	0	0	20	PASS
			NV	40	20000	3.861004	20	PASS
			NV	50	0	0	20	PASS
			NV	55	-20000	-3.861004	20	PASS
		5200	NV	-30	-20000	-3.846154	20	PASS
			NV	-20	-40000	-7.692308	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-7.692308	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.846154	20	PASS
			NV	40	-40000	-7.692308	20	PASS
			NV	50	0	0	20	PASS
			NV	55	-40000	-7.692308	20	PASS
		5240	NV	-30	-20000	-3.816794	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-40000	-7.633588	20	PASS
			NV	0	-20000	-3.816794	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-20000	-3.816794	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-20000	-3.816794	20	PASS
			NV	50	-20000	-3.816794	20	PASS
			NV	55	-20000	-3.816794	20	PASS
		5745	NV	-30	-40000	-6.962576	20	PASS
			NV	-20	-20000	-3.481288	20	PASS

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			NV	-10	-40000	-6.962576	20	PASS
			NV	0	-20000	-3.481288	20	PASS
			NV	10	-40000	-6.962576	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.481288	20	PASS
			NV	40	-40000	-6.962576	20	PASS
			NV	50	-40000	-6.962576	20	PASS
			NV	55	-40000	-6.962576	20	PASS
		5785	NV	-30	-20000	-3.457217	20	PASS
			NV	-20	20000	3.457217	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	-20000	-3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.457217	20	PASS
			NV	40	20000	3.457217	20	PASS
			NV	50	20000	3.457217	20	PASS
			NV	55	-20000	-3.457217	20	PASS
		5825	NV	-30	0	0	20	PASS
			NV	-20	-20000	-3.433476	20	PASS
			NV	-10	-40000	-6.866953	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-20000	-3.433476	20	PASS
			NV	50	0	0	20	PASS
			NV	55	-20000	-3.433476	20	PASS
11AC40S ISO	Ant1	5190	NV	-30	-40000	-7.707129	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-40000	-7.707129	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-7.707129	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-40000	-7.707129	20	PASS
			NV	55	0	0	20	PASS
		5230	NV	-30	-40000	-7.648184	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	-40000	-7.648184	20	PASS

TEST REPORT

			NV	0	-40000	-7.648184	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-40000	-7.648184	20	PASS
			NV	40	-40000	-7.648184	20	PASS
			NV	50	0	0	20	PASS
			NV	55	-40000	-7.648184	20	PASS
		5755	NV	-30	0	0	20	PASS
			NV	-20	-40000	-6.950478	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-40000	-6.950478	20	PASS
			NV	30	40000	6.950478	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-40000	-6.950478	20	PASS
			NV	55	0	0	20	PASS
		5795	NV	-30	0	0	20	PASS
			NV	-20	-40000	-6.902502	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-6.902502	20	PASS
			NV	20	-40000	-6.902502	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-40000	-6.902502	20	PASS
			NV	50	-40000	-6.902502	20	PASS
			NV	55	0	0	20	PASS
11AC80S ISO	Ant1	5210	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	55	0	0	20	PASS
		5775	NV	-30	0	0	20	PASS
			NV	-20	0	0	20	PASS
			NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS

TEST REPORT

			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	55	0	0	20	PASS