



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690_UNII-2C





11AC80SISO_Ant1_5690_UNII-3



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	-40000	-7.692308	20	PASS
			LV	NT	-20000	-3.846154	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	-20000	-3.816794	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
		5260	NV	NT	-20000	-3.802281	20	PASS
			LV	NT	-20000	-3.802281	20	PASS
			HV	NT	-40000	-7.604563	20	PASS
		5280	NV	NT	-40000	-7.575758	20	PASS
			LV	NT	-20000	-3.787879	20	PASS
			HV	NT	-20000	-3.787879	20	PASS
		5320	NV	NT	-20000	-3.759398	20	PASS
			LV	NT	-20000	-3.759398	20	PASS
			HV	NT	-20000	-3.759398	20	PASS
		5500	NV	NT	-40000	-7.272727	20	PASS
			LV	NT	-40000	-7.272727	20	PASS
			HV	NT	-40000	-7.272727	20	PASS
		5580	NV	NT	-20000	-3.584229	20	PASS
			LV	NT	-40000	-7.168459	20	PASS
			HV	NT	-20000	-3.584229	20	PASS
		5700	NV	NT	-60000	-10.526316	20	PASS
			LV	NT	-40000	-7.017544	20	PASS
			HV	NT	-60000	-10.526316	20	PASS
		5745	NV	NT	-40000	-6.962576	20	PASS
			LV	NT	-40000	-6.962576	20	PASS
			HV	NT	-40000	-6.962576	20	PASS
		5785	NV	NT	-60000	-10.371651	20	PASS



		5825	LV	NT	-40000	-6.914434	20	PASS
			HV	NT	-60000	-10.371651	20	PASS
			NV	NT	-40000	-6.866953	20	PASS
			LV	NT	-40000	-6.866953	20	PASS
			HV	NT	-60000	-10.300429	20	PASS
11N20SIS O	Ant1	5180	NV	NT	-40000	-7.722008	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	-40000	-7.692308	20	PASS
			HV	NT	-40000	-7.692308	20	PASS
		5240	NV	NT	-40000	-7.633588	20	PASS
			LV	NT	-40000	-7.633588	20	PASS
			HV	NT	-40000	-7.633588	20	PASS
		5260	NV	NT	-40000	-7.604563	20	PASS
			LV	NT	-20000	-3.802281	20	PASS
			HV	NT	-20000	-3.802281	20	PASS
		5280	NV	NT	-40000	-7.575758	20	PASS
			LV	NT	-40000	-7.575758	20	PASS
			HV	NT	-40000	-7.575758	20	PASS
		5320	NV	NT	-40000	-7.518797	20	PASS
			LV	NT	-40000	-7.518797	20	PASS
			HV	NT	-40000	-7.518797	20	PASS
		5500	NV	NT	-40000	-7.272727	20	PASS
			LV	NT	-40000	-7.272727	20	PASS
			HV	NT	-40000	-7.272727	20	PASS
		5580	NV	NT	-40000	-7.168459	20	PASS
			LV	NT	-20000	-3.584229	20	PASS
			HV	NT	-40000	-7.168459	20	PASS
		5700	NV	NT	-40000	-7.017544	20	PASS
			LV	NT	-40000	-7.017544	20	PASS
			HV	NT	-40000	-7.017544	20	PASS
		5720	NV	NT	-40000	-6.993007	20	PASS
			LV	NT	-40000	-6.993007	20	PASS
			HV	NT	-40000	-6.993007	20	PASS
		5745	NV	NT	-40000	-6.962576	20	PASS
			LV	NT	-40000	-6.962576	20	PASS



		5785	HV	NT	-40000	-6.962576	20	PASS
			NV	NT	-60000	-10.371651	20	PASS
			LV	NT	-60000	-10.371651	20	PASS
			HV	NT	-40000	-6.914434	20	PASS
		5825	NV	NT	-40000	-6.866953	20	PASS
			LV	NT	-40000	-6.866953	20	PASS
			HV	NT	-60000	-10.300429	20	PASS
11N40SIS O	Ant1	5190	NV	NT	-80000	-15.414258	20	PASS
			LV	NT	-40000	-7.707129	20	PASS
			HV	NT	-40000	-7.707129	20	PASS
		5230	NV	NT	-40000	-7.648184	20	PASS
			LV	NT	-40000	-7.648184	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
		5270	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.590133	20	PASS
			HV	NT	0	0	20	PASS
		5310	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.532957	20	PASS
			HV	NT	-40000	-7.532957	20	PASS
		5510	NV	NT	-40000	-7.259528	20	PASS
			LV	NT	-40000	-7.259528	20	PASS
			HV	NT	-40000	-7.259528	20	PASS
		5550	NV	NT	-40000	-7.207207	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-80000	-14.414414	20	PASS
		5670	NV	NT	-80000	-14.109347	20	PASS
			LV	NT	-40000	-7.054674	20	PASS
			HV	NT	-80000	-14.109347	20	PASS
		5710	NV	NT	-80000	-14.010508	20	PASS
			LV	NT	-40000	-7.005254	20	PASS
			HV	NT	-40000	-7.005254	20	PASS
		5755	NV	NT	-40000	-6.950478	20	PASS
			LV	NT	-40000	-6.950478	20	PASS
			HV	NT	-40000	-6.950478	20	PASS
		5795	NV	NT	-40000	-6.902502	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-6.902502	20	PASS



11AC20SI SO	Ant1	5180	NV	NT	-40000	-7.722008	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	-40000	-7.692308	20	PASS
			HV	NT	-40000	-7.692308	20	PASS
		5240	NV	NT	-40000	-7.633588	20	PASS
			LV	NT	-40000	-7.633588	20	PASS
			HV	NT	-40000	-7.633588	20	PASS
		5260	NV	NT	-40000	-7.604563	20	PASS
			LV	NT	-40000	-7.604563	20	PASS
			HV	NT	-40000	-7.604563	20	PASS
		5280	NV	NT	-40000	-7.575758	20	PASS
			LV	NT	-40000	-7.575758	20	PASS
			HV	NT	-40000	-7.575758	20	PASS
		5320	NV	NT	-40000	-7.518797	20	PASS
			LV	NT	-40000	-7.518797	20	PASS
			HV	NT	-40000	-7.518797	20	PASS
		5500	NV	NT	-40000	-7.272727	20	PASS
			LV	NT	-40000	-7.272727	20	PASS
			HV	NT	-40000	-7.272727	20	PASS
		5580	NV	NT	-40000	-7.168459	20	PASS
			LV	NT	-40000	-7.168459	20	PASS
			HV	NT	-60000	-10.752688	20	PASS
		5700	NV	NT	-40000	-7.017544	20	PASS
			LV	NT	-60000	-10.526316	20	PASS
			HV	NT	-40000	-7.017544	20	PASS
		5745	NV	NT	-40000	-6.962576	20	PASS
			LV	NT	-40000	-6.962576	20	PASS
			HV	NT	-40000	-6.962576	20	PASS
		5785	NV	NT	-40000	-6.914434	20	PASS
			LV	NT	-40000	-6.914434	20	PASS
			HV	NT	-40000	-6.914434	20	PASS
		5825	NV	NT	-40000	-6.866953	20	PASS
			LV	NT	-40000	-6.866953	20	PASS
			HV	NT	-40000	-6.866953	20	PASS
11AC40SI	Ant1	5190	NV	NT	0	0	20	PASS



SO			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.648184	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
		5270	NV	NT	-40000	-7.590133	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-7.590133	20	PASS
		5310	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.532957	20	PASS
			HV	NT	-40000	-7.532957	20	PASS
		5510	NV	NT	0	0	20	PASS
			LV	NT	-40000	-7.259528	20	PASS
			HV	NT	-40000	-7.259528	20	PASS
		5550	NV	NT	-40000	-7.207207	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5670	NV	NT	-40000	-7.054674	20	PASS
			LV	NT	-40000	-7.054674	20	PASS
			HV	NT	-40000	-7.054674	20	PASS
		5755	NV	NT	-40000	-6.950478	20	PASS
			LV	NT	-40000	-6.950478	20	PASS
			HV	NT	-80000	-13.900956	20	PASS
		5795	NV	NT	-40000	-6.902502	20	PASS
			LV	NT	-80000	-13.805004	20	PASS
			HV	NT	-40000	-6.902502	20	PASS
11AC80SI SO	Ant1	5210	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5290	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5530	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5610	NV	NT	0	0	20	PASS
			LV	NT	-80000	-14.26025	20	PASS



		5775	HV	NT	0	0	20	PASS
			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	-20	-20000	-3.861004	20	PASS
			NV	-10	-20000	-3.861004	20	PASS
			NV	0	-20000	-3.861004	20	PASS
			NV	10	-20000	-3.861004	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	-40000	-7.722008	20	PASS
		5200	NV	-20	-20000	-3.846154	20	PASS
			NV	-10	-20000	-3.846154	20	PASS
			NV	0	-40000	-7.692308	20	PASS
			NV	10	-20000	-3.846154	20	PASS
			NV	20	-20000	-3.846154	20	PASS
			NV	30	-20000	-3.846154	20	PASS
			NV	40	-20000	-3.846154	20	PASS
			NV	50	-20000	-3.846154	20	PASS
		5240	NV	-20	-20000	-3.816794	20	PASS
			NV	-10	-20000	-3.816794	20	PASS
			NV	0	-40000	-7.633588	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
		5260	NV	-20	-20000	-3.802281	20	PASS
			NV	-10	-20000	-3.802281	20	PASS
			NV	0	-20000	-3.802281	20	PASS
			NV	10	-20000	-3.802281	20	PASS
			NV	20	-20000	-3.802281	20	PASS
			NV	30	-20000	-3.802281	20	PASS



			NV	40	-20000	-3.802281	20	PASS
			NV	50	-20000	-3.802281	20	PASS
		5280	NV	-20	-40000	-7.575758	20	PASS
			NV	-10	-20000	-3.787879	20	PASS
			NV	0	-20000	-3.787879	20	PASS
			NV	10	-20000	-3.787879	20	PASS
			NV	20	-20000	-3.787879	20	PASS
			NV	30	-20000	-3.787879	20	PASS
			NV	40	-20000	-3.787879	20	PASS
			NV	50	-20000	-3.787879	20	PASS
		5320	NV	-20	-20000	-3.759398	20	PASS
			NV	-10	-20000	-3.759398	20	PASS
			NV	0	-20000	-3.759398	20	PASS
			NV	10	-40000	-7.518797	20	PASS
			NV	20	-20000	-3.759398	20	PASS
			NV	30	-20000	-3.759398	20	PASS
			NV	40	-20000	-3.759398	20	PASS
			NV	50	-20000	-3.759398	20	PASS
		5500	NV	-20	-20000	-3.636364	20	PASS
			NV	-10	-40000	-7.272727	20	PASS
			NV	0	-40000	-7.272727	20	PASS
			NV	10	-40000	-7.272727	20	PASS
			NV	20	-40000	-7.272727	20	PASS
			NV	30	-20000	-3.636364	20	PASS
			NV	40	-20000	-3.636364	20	PASS
			NV	50	-40000	-7.272727	20	PASS
		5580	NV	-20	-20000	-3.584229	20	PASS
			NV	-10	-40000	-7.168459	20	PASS
			NV	0	-20000	-3.584229	20	PASS
			NV	10	-20000	-3.584229	20	PASS
			NV	20	-40000	-7.168459	20	PASS
			NV	30	-40000	-7.168459	20	PASS
			NV	40	-40000	-7.168459	20	PASS
			NV	50	-40000	-7.168459	20	PASS
		5700	NV	-20	-60000	-10.526316	20	PASS
			NV	-10	-60000	-10.526316	20	PASS
			NV	0	-60000	-10.526316	20	PASS



			NV	10	-20000	-3.508772	20	PASS
			NV	20	-20000	-3.508772	20	PASS
			NV	30	-60000	-10.526316	20	PASS
			NV	40	-40000	-7.017544	20	PASS
			NV	50	-60000	-10.526316	20	PASS
		5745	NV	-20	-40000	-6.962576	20	PASS
			NV	-10	-40000	-6.962576	20	PASS
			NV	0	-40000	-6.962576	20	PASS
			NV	10	-40000	-6.962576	20	PASS
			NV	20	-60000	-10.443864	20	PASS
			NV	30	-40000	-6.962576	20	PASS
			NV	40	-40000	-6.962576	20	PASS
			NV	50	-40000	-6.962576	20	PASS
		5785	NV	-20	-40000	-6.914434	20	PASS
			NV	-10	-40000	-6.914434	20	PASS
			NV	0	-40000	-6.914434	20	PASS
			NV	10	-40000	-6.914434	20	PASS
			NV	20	-40000	-6.914434	20	PASS
			NV	30	-40000	-6.914434	20	PASS
			NV	40	-60000	-10.371651	20	PASS
			NV	50	-60000	-10.371651	20	PASS
		5825	NV	-20	-40000	-6.866953	20	PASS
			NV	-10	-40000	-6.866953	20	PASS
			NV	0	-40000	-6.866953	20	PASS
			NV	10	-40000	-6.866953	20	PASS
			NV	20	-40000	-6.866953	20	PASS
			NV	30	-60000	-10.300429	20	PASS
			NV	40	-60000	-10.300429	20	PASS
			NV	50	-40000	-6.866953	20	PASS
11N20SIS O	Ant1	5180	NV	-20	-40000	-7.722008	20	PASS
			NV	-10	-40000	-7.722008	20	PASS
			NV	0	-40000	-7.722008	20	PASS
			NV	10	-40000	-7.722008	20	PASS
			NV	20	-20000	-3.861004	20	PASS
			NV	30	-40000	-7.722008	20	PASS
			NV	40	-40000	-7.722008	20	PASS
			NV	50	-40000	-7.722008	20	PASS



		5200	NV	-20	-40000	-7.692308	20	PASS
			NV	-10	-40000	-7.692308	20	PASS
			NV	0	-20000	-3.846154	20	PASS
			NV	10	-40000	-7.692308	20	PASS
			NV	20	-40000	-7.692308	20	PASS
			NV	30	-20000	-3.846154	20	PASS
			NV	40	-40000	-7.692308	20	PASS
			NV	50	-40000	-7.692308	20	PASS
		5240	NV	-20	-40000	-7.633588	20	PASS
			NV	-10	-40000	-7.633588	20	PASS
			NV	0	-40000	-7.633588	20	PASS
			NV	10	-60000	-11.450382	20	PASS
			NV	20	-40000	-7.633588	20	PASS
			NV	30	-40000	-7.633588	20	PASS
			NV	40	-20000	-3.816794	20	PASS
			NV	50	-40000	-7.633588	20	PASS
		5260	NV	-20	-40000	-7.604563	20	PASS
			NV	-10	-20000	-3.802281	20	PASS
			NV	0	-40000	-7.604563	20	PASS
			NV	10	-40000	-7.604563	20	PASS
			NV	20	-20000	-3.802281	20	PASS
			NV	30	-40000	-7.604563	20	PASS
			NV	40	-40000	-7.604563	20	PASS
			NV	50	-40000	-7.604563	20	PASS
		5280	NV	-20	-40000	-7.575758	20	PASS
			NV	-10	-20000	-3.787879	20	PASS
			NV	0	-20000	-3.787879	20	PASS
			NV	10	-40000	-7.575758	20	PASS
			NV	20	-20000	-3.787879	20	PASS
			NV	30	-40000	-7.575758	20	PASS
			NV	40	-40000	-7.575758	20	PASS
			NV	50	-40000	-7.575758	20	PASS
		5320	NV	-20	-40000	-7.518797	20	PASS
			NV	-10	-60000	-11.278195	20	PASS
			NV	0	-40000	-7.518797	20	PASS
			NV	10	-20000	-3.759398	20	PASS
			NV	20	-20000	-3.759398	20	PASS



			NV	30	-40000	-7.518797	20	PASS
			NV	40	-40000	-7.518797	20	PASS
			NV	50	-40000	-7.518797	20	PASS
		5500	NV	-20	-40000	-7.272727	20	PASS
			NV	-10	-40000	-7.272727	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-40000	-7.272727	20	PASS
			NV	20	-20000	-3.636364	20	PASS
			NV	30	-20000	-3.636364	20	PASS
			NV	40	-40000	-7.272727	20	PASS
			NV	50	-40000	-7.272727	20	PASS
		5580	NV	-20	-40000	-7.168459	20	PASS
			NV	-10	-40000	-7.168459	20	PASS
			NV	0	-60000	-10.752688	20	PASS
			NV	10	-40000	-7.168459	20	PASS
			NV	20	-40000	-7.168459	20	PASS
			NV	30	-60000	-10.752688	20	PASS
			NV	40	-40000	-7.168459	20	PASS
			NV	50	-40000	-7.168459	20	PASS
		5700	NV	-20	-40000	-7.017544	20	PASS
			NV	-10	-40000	-7.017544	20	PASS
			NV	0	-40000	-7.017544	20	PASS
			NV	10	-40000	-7.017544	20	PASS
			NV	20	-40000	-7.017544	20	PASS
			NV	30	-40000	-7.017544	20	PASS
			NV	40	-40000	-7.017544	20	PASS
			NV	50	-40000	-7.017544	20	PASS
		5720	NV	-20	-40000	-6.993007	20	PASS
			NV	-10	-60000	-10.48951	20	PASS
			NV	0	-40000	-6.993007	20	PASS
			NV	10	-40000	-6.993007	20	PASS
			NV	20	-40000	-6.993007	20	PASS
			NV	30	-60000	-10.48951	20	PASS
			NV	40	-40000	-6.993007	20	PASS
			NV	50	-40000	-6.993007	20	PASS
		5745	NV	-20	-60000	-10.443864	20	PASS
			NV	-10	-40000	-6.962576	20	PASS



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		5785	NV	-20	-40000	-6.914434	20	PASS
			NV	-10	-60000	-10.371651	20	PASS
			NV	0	-40000	-6.914434	20	PASS
			NV	10	-40000	-6.914434	20	PASS
			NV	20	-40000	-6.914434	20	PASS
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			NV	40	-60000	-10.371651	20	PASS
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		5825	NV	-20	-40000	-6.866953	20	PASS
			NV	-10	-40000	-6.866953	20	PASS
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11N40SIS O	Ant1	5190	NV	-20	-40000	-7.707129	20	PASS
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			NV	-10	-80000	-15.296367	20	PASS
			NV	0	0	0	20	PASS
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			NV	30	-40000	-7.648184	20	PASS
			NV	40	-40000	-7.648184	20	PASS



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			NV	-10	-40000	-7.590133	20	PASS
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			NV	40	-40000	-7.590133	20	PASS
			NV	50	-40000	-7.590133	20	PASS
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			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-40000	-7.532957	20	PASS
			NV	30	-40000	-7.532957	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5510	NV	-20	-40000	-7.259528	20	PASS
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		5550	NV	-20	-80000	-14.414414	20	PASS
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			NV	10	0	0	20	PASS
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			NV	20	0	0	20	PASS
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			NV	10	-80000	-13.805004	20	PASS
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			NV	10	-40000	-7.722008	20	PASS
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			NV	40	-40000	-7.722008	20	PASS
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		5200	NV	-20	-40000	-7.692308	20	PASS



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			NV	10	-40000	-7.692308	20	PASS
			NV	20	-40000	-7.692308	20	PASS
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			NV	-10	-40000	-7.272727	20	PASS
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		5580	NV	-20	-40000	-7.168459	20	PASS
			NV	-10	-40000	-7.168459	20	PASS
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		5785	NV	-20	-60000	-10.371651	20	PASS
			NV	-10	-40000	-6.914434	20	PASS
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			NV	20	-60000	-10.371651	20	PASS
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			NV	10	-20000	-3.433476	20	PASS
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		5270	NV	-20	-40000	-7.590133	20	PASS
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			NV	40	0	0	20	PASS
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		5550	NV	-20	0	0	20	PASS
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		5210	NV	-20	0	0	20	PASS
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			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
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			NV	40	0	0	20	PASS
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11AC80SI SO	Ant1	5290	NV	-20	0	0	20	PASS
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			NV	30	0	0	20	PASS
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		5530	NV	-20	0	0	20	PASS
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			NV	0	0	0	20	PASS
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		5610	NV	-20	-80000	-14.26025	20	PASS
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		5775	NV	-20	0	0	20	PASS
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