







Appendix G: Frequency Stability

Test Result

TestMod e	Antenn a	Channe l	Voltage				Limit (ppm)	Verdict
			Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)		
11A	Ant1	5180	NV	NT	-33000	-6.370656	20	PASS
			LV	NT	-34000	-6.563707	20	PASS
			HV	NT	-33000	-6.370656	20	PASS
	Ant2	5180	NV	NT	-34000	-6.563707	20	PASS
			LV	NT	-34000	-6.563707	20	PASS
			HV	NT	-33000	-6.370656	20	PASS
	Ant1	5200	NV	NT	-34000	-6.538462	20	PASS
			LV	NT	-33000	-6.346154	20	PASS
			HV	NT	-34000	-6.538462	20	PASS
	Ant2	5200	NV	NT	-35000	-6.730769	20	PASS
			LV	NT	-33000	-6.346154	20	PASS
			HV	NT	-34000	-6.538462	20	PASS
	Ant1	5240	NV	NT	-34000	-6.48855	20	PASS
			LV	NT	-33000	-6.29771	20	PASS
			HV	NT	-33000	-6.29771	20	PASS
	Ant2	5240	NV	NT	-33000	-6.29771	20	PASS
			LV	NT	-33000	-6.29771	20	PASS
			HV	NT	-33000	-6.29771	20	PASS
	Ant1	5745	NV	NT	-38000	-6.614447	20	PASS
			LV	NT	-37000	-6.440383	20	PASS
			HV	NT	-37000	-6.440383	20	PASS
	Ant2	5745	NV	NT	-38000	-6.614447	20	PASS
			LV	NT	-37000	-6.440383	20	PASS
			HV	NT	-37000	-6.440383	20	PASS
Ant1	5785	NV	NT	-38000	-6.568712	20	PASS	
		LV	NT	-37000	-6.395851	20	PASS	
		HV	NT	-37000	-6.395851	20	PASS	
Ant2	5785	NV	NT	-38000	-6.568712	20	PASS	
		LV	NT	-38000	-6.568712	20	PASS	
		HV	NT	-37000	-6.395851	20	PASS	
Ant1	5825	NV	NT	-38000	-6.523605	20	PASS	
		LV	NT	-38000	-6.523605	20	PASS	
		HV	NT	-37000	-6.351931	20	PASS	

11N20SI SO	Ant2	5825	NV	NT	-39000	-6.695279	20	PASS
			LV	NT	-37000	-6.351931	20	PASS
			HV	NT	-37000	-6.351931	20	PASS
	Ant1	5180	NV	NT	-34000	-6.563707	20	PASS
			LV	NT	-33000	-6.370656	20	PASS
			HV	NT	-33000	-6.370656	20	PASS
	Ant2	5180	NV	NT	-34000	-6.563707	20	PASS
			LV	NT	-34000	-6.563707	20	PASS
			HV	NT	-33000	-6.370656	20	PASS
	Ant1	5200	NV	NT	-35000	-6.730769	20	PASS
			LV	NT	-33000	-6.346154	20	PASS
			HV	NT	-34000	-6.538462	20	PASS
	Ant2	5200	NV	NT	-33000	-6.346154	20	PASS
			LV	NT	-34000	-6.538462	20	PASS
			HV	NT	-33000	-6.346154	20	PASS
	Ant1	5240	NV	NT	-34000	-6.48855	20	PASS
			LV	NT	-33000	-6.29771	20	PASS
			HV	NT	-34000	-6.48855	20	PASS
	Ant2	5240	NV	NT	-34000	-6.48855	20	PASS
			LV	NT	-33000	-6.29771	20	PASS
			HV	NT	-35000	-6.679389	20	PASS
	Ant1	5745	NV	NT	-38000	-6.614447	20	PASS
			LV	NT	-37000	-6.440383	20	PASS
			HV	NT	-37000	-6.440383	20	PASS
	Ant2	5745	NV	NT	-37000	-6.440383	20	PASS
			LV	NT	-37000	-6.440383	20	PASS
			HV	NT	-36000	-6.266319	20	PASS
Ant1	5785	NV	NT	-38000	-6.568712	20	PASS	
		LV	NT	-38000	-6.568712	20	PASS	
		HV	NT	-37000	-6.395851	20	PASS	
Ant2	5785	NV	NT	-37000	-6.395851	20	PASS	
		LV	NT	-37000	-6.395851	20	PASS	
		HV	NT	-37000	-6.395851	20	PASS	
Ant1	5825	NV	NT	-38000	-6.523605	20	PASS	
		LV	NT	-37000	-6.351931	20	PASS	
		HV	NT	-38000	-6.523605	20	PASS	
Ant2	5825	NV	NT	-37000	-6.351931	20	PASS	
		LV	NT	-37000	-6.351931	20	PASS	
		HV	NT	-37000	-6.351931	20	PASS	
11N40SI	Ant1	5190	NV	NT	-35000	-6.743738	20	PASS

SO			LV	NT	-35000	-6.743738	20	PASS
			HV	NT	-33000	-6.358382	20	PASS
	Ant2	5190	NV	NT	-35000	-6.743738	20	PASS
			LV	NT	-34000	-6.55106	20	PASS
			HV	NT	-33000	-6.358382	20	PASS
			NV	NT	-34000	-6.500956	20	PASS
	Ant1	5230	LV	NT	-34000	-6.500956	20	PASS
			HV	NT	-34000	-6.500956	20	PASS
			NV	NT	-34000	-6.500956	20	PASS
			LV	NT	-33000	-6.309751	20	PASS
	Ant2	5230	HV	NT	-33000	-6.309751	20	PASS
			NV	NT	-38000	-6.602954	20	PASS
	Ant1	5755	LV	NT	-38000	-6.602954	20	PASS
			HV	NT	-37000	-6.429192	20	PASS
			NV	NT	-38000	-6.602954	20	PASS
			LV	NT	-38000	-6.602954	20	PASS
	Ant2	5755	HV	NT	-38000	-6.602954	20	PASS
			NV	NT	-38000	-6.557377	20	PASS
	Ant1	5795	LV	NT	-37000	-6.384814	20	PASS
			HV	NT	-38000	-6.557377	20	PASS
		NV	NT	-38000	-6.557377	20	PASS	
		LV	NT	-38000	-6.557377	20	PASS	
Ant2	5795	HV	NT	-38000	-6.557377	20	PASS	
		NV	NT	-35000	-6.756757	20	PASS	
11AC20S ISO			LV	NT	-34000	-6.563707	20	PASS
			HV	NT	-34000	-6.563707	20	PASS
	Ant1	5180	NV	NT	-34000	-6.563707	20	PASS
			LV	NT	-34000	-6.563707	20	PASS
			HV	NT	-33000	-6.370656	20	PASS
			NV	NT	-33000	-6.346154	20	PASS
	Ant1	5200	LV	NT	-33000	-6.346154	20	PASS
			HV	NT	-34000	-6.538462	20	PASS
			NV	NT	-35000	-6.730769	20	PASS
			LV	NT	-32000	-6.153846	20	PASS
	Ant2	5200	HV	NT	-33000	-6.346154	20	PASS
			NV	NT	-34000	-6.48855	20	PASS
	Ant1	5240	LV	NT	-34000	-6.48855	20	PASS
			HV	NT	-33000	-6.29771	20	PASS
			NV	NT	-34000	-6.48855	20	PASS
			LV	NT	-33000	-6.29771	20	PASS
	Ant2	5240	HV	NT	-34000	-6.48855	20	PASS
			NV	NT	-34000	-6.48855	20	PASS

11AC40S ISO	Ant1	5745	HV	NT	-34000	-6.48855	20	PASS
			NV	NT	-38000	-6.614447	20	PASS
			LV	NT	-38000	-6.614447	20	PASS
	Ant2	5745	HV	NT	-37000	-6.440383	20	PASS
			NV	NT	-37000	-6.440383	20	PASS
			LV	NT	-37000	-6.440383	20	PASS
	Ant1	5785	HV	NT	-37000	-6.395851	20	PASS
			NV	NT	-38000	-6.568712	20	PASS
			LV	NT	-37000	-6.395851	20	PASS
	Ant2	5785	HV	NT	-37000	-6.395851	20	PASS
			NV	NT	-38000	-6.568712	20	PASS
			LV	NT	-38000	-6.568712	20	PASS
	Ant1	5825	HV	NT	-38000	-6.523605	20	PASS
			NV	NT	-39000	-6.695279	20	PASS
			LV	NT	-38000	-6.523605	20	PASS
	Ant2	5825	HV	NT	-37000	-6.351931	20	PASS
			NV	NT	-39000	-6.695279	20	PASS
			LV	NT	-37000	-6.351931	20	PASS
	Ant1	5190	HV	NT	-34000	-6.55106	20	PASS
			NV	NT	-34000	-6.55106	20	PASS
			LV	NT	-33000	-6.358382	20	PASS
	Ant2	5190	HV	NT	-33000	-6.358382	20	PASS
			NV	NT	-34000	-6.55106	20	PASS
			LV	NT	-33000	-6.358382	20	PASS
Ant1	5230	HV	NT	-34000	-6.500956	20	PASS	
		NV	NT	-34000	-6.500956	20	PASS	
		LV	NT	-33000	-6.309751	20	PASS	
Ant2	5230	HV	NT	-33000	-6.309751	20	PASS	
		NV	NT	-34000	-6.500956	20	PASS	
		LV	NT	-34000	-6.500956	20	PASS	
Ant1	5755	HV	NT	-37000	-6.429192	20	PASS	
		NV	NT	-39000	-6.776716	20	PASS	
		LV	NT	-37000	-6.429192	20	PASS	
Ant2	5755	HV	NT	-37000	-6.429192	20	PASS	
		NV	NT	-38000	-6.602954	20	PASS	
		LV	NT	-37000	-6.429192	20	PASS	
Ant1	5795	HV	NT	-37000	-6.384814	20	PASS	
		NV	NT	-38000	-6.557377	20	PASS	
		LV	NT	-37000	-6.384814	20	PASS	

11AC80S ISO	Ant2	5795	NV	NT	-38000	-6.557377	20	PASS
			LV	NT	-37000	-6.384814	20	PASS
			HV	NT	-37000	-6.384814	20	PASS
	Ant1	5210	NV	NT	-35000	-6.71785	20	PASS
			LV	NT	-34000	-6.525912	20	PASS
			HV	NT	-35000	-6.71785	20	PASS
	Ant2	5210	NV	NT	-35000	-6.71785	20	PASS
			LV	NT	-34000	-6.525912	20	PASS
			HV	NT	-34000	-6.525912	20	PASS
	Ant1	5775	NV	NT	-38000	-6.580087	20	PASS
			LV	NT	-38000	-6.580087	20	PASS
			HV	NT	-38000	-6.580087	20	PASS
	Ant2	5775	NV	NT	-38000	-6.580087	20	PASS
			LV	NT	-38000	-6.580087	20	PASS
			HV	NT	-37000	-6.406926	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-33000	-6.370656	20	PASS
			NV	-20	-33000	-6.370656	20	PASS
			NV	-10	-32000	-6.177606	20	PASS
			NV	0	-33000	-6.370656	20	PASS
			NV	10	-33000	-6.370656	20	PASS
			NV	20	-32000	-6.177606	20	PASS
			NV	30	-32000	-6.177606	20	PASS
			NV	40	-33000	-6.370656	20	PASS
			NV	50	-33000	-6.370656	20	PASS
	Ant2	5180	NV	-30	-32000	-6.177606	20	PASS
			NV	-20	-33000	-6.370656	20	PASS
			NV	-10	-33000	-6.370656	20	PASS
			NV	0	-32000	-6.177606	20	PASS
			NV	10	-32000	-6.177606	20	PASS
			NV	20	-33000	-6.370656	20	PASS
			NV	30	-34000	-6.563707	20	PASS
			NV	40	-33000	-6.370656	20	PASS
			NV	50	-34000	-6.563707	20	PASS
	Ant1	5200	NV	-30	-33000	-6.346154	20	PASS
			NV	-20	-33000	-6.346154	20	PASS
			NV	-10	-33000	-6.346154	20	PASS

	Ant2	5200	NV	0	-33000	-6.346154	20	PASS
			NV	10	-33000	-6.346154	20	PASS
			NV	20	-33000	-6.346154	20	PASS
			NV	30	-33000	-6.346154	20	PASS
			NV	40	-32000	-6.153846	20	PASS
			NV	50	-32000	-6.153846	20	PASS
	Ant1	5240	NV	-30	-32000	-6.153846	20	PASS
			NV	-20	-33000	-6.346154	20	PASS
			NV	-10	-32000	-6.153846	20	PASS
			NV	0	-34000	-6.538462	20	PASS
			NV	10	-32000	-6.153846	20	PASS
			NV	20	-33000	-6.346154	20	PASS
			NV	30	-33000	-6.346154	20	PASS
			NV	40	-33000	-6.346154	20	PASS
	Ant2	5240	NV	50	-32000	-6.153846	20	PASS
			NV	-30	-33000	-6.29771	20	PASS
			NV	-20	-34000	-6.48855	20	PASS
			NV	-10	-33000	-6.29771	20	PASS
			NV	0	-33000	-6.29771	20	PASS
			NV	10	-33000	-6.29771	20	PASS
			NV	20	-33000	-6.29771	20	PASS
			NV	30	-33000	-6.29771	20	PASS
	Ant1	5745	NV	40	-33000	-6.29771	20	PASS
			NV	50	-33000	-6.29771	20	PASS
			NV	-30	-32000	-6.10687	20	PASS
			NV	-20	-34000	-6.48855	20	PASS
			NV	-10	-33000	-6.29771	20	PASS
			NV	0	-34000	-6.48855	20	PASS
NV			10	-33000	-6.29771	20	PASS	
NV			20	-33000	-6.29771	20	PASS	
Ant2	5745	NV	30	-33000	-6.29771	20	PASS	
		NV	40	-33000	-6.29771	20	PASS	
		NV	50	-33000	-6.29771	20	PASS	
		NV	-30	-36000	-6.266319	20	PASS	
		NV	-20	-36000	-6.266319	20	PASS	
		NV	-10	-36000	-6.266319	20	PASS	
Ant1	5745	NV	0	-36000	-6.266319	20	PASS	
		NV	10	-36000	-6.266319	20	PASS	
		NV	20	-37000	-6.440383	20	PASS	
		NV	30	-36000	-6.266319	20	PASS	

Ant2	5745	NV	40	-36000	-6.266319	20	PASS
		NV	50	-37000	-6.440383	20	PASS
		NV	-30	-36000	-6.266319	20	PASS
		NV	-20	-37000	-6.440383	20	PASS
		NV	-10	-38000	-6.614447	20	PASS
		NV	0	-37000	-6.440383	20	PASS
		NV	10	-36000	-6.266319	20	PASS
		NV	20	-37000	-6.440383	20	PASS
		NV	30	-36000	-6.266319	20	PASS
		NV	40	-36000	-6.266319	20	PASS
Ant1	5785	NV	50	-36000	-6.266319	20	PASS
		NV	-30	-37000	-6.395851	20	PASS
		NV	-20	-37000	-6.395851	20	PASS
		NV	-10	-37000	-6.395851	20	PASS
		NV	0	-36000	-6.22299	20	PASS
		NV	10	-36000	-6.22299	20	PASS
		NV	20	-36000	-6.22299	20	PASS
		NV	30	-36000	-6.22299	20	PASS
Ant2	5785	NV	40	-37000	-6.395851	20	PASS
		NV	50	-36000	-6.22299	20	PASS
		NV	-30	-37000	-6.395851	20	PASS
		NV	-20	-37000	-6.395851	20	PASS
		NV	-10	-37000	-6.395851	20	PASS
		NV	0	-37000	-6.395851	20	PASS
		NV	10	-36000	-6.22299	20	PASS
		NV	20	-36000	-6.22299	20	PASS
Ant1	5825	NV	30	-36000	-6.22299	20	PASS
		NV	40	-37000	-6.395851	20	PASS
		NV	50	-36000	-6.22299	20	PASS
		NV	-30	-38000	-6.523605	20	PASS
		NV	-20	-37000	-6.351931	20	PASS
		NV	-10	-37000	-6.351931	20	PASS
		NV	0	-37000	-6.351931	20	PASS
		NV	10	-37000	-6.351931	20	PASS
Ant2	5825	NV	20	-36000	-6.180258	20	PASS
		NV	30	-37000	-6.351931	20	PASS
Ant1	5825	NV	40	-37000	-6.351931	20	PASS
		NV	50	-37000	-6.351931	20	PASS
Ant2	5825	NV	-30	-38000	-6.523605	20	PASS
		NV	-20	-37000	-6.351931	20	PASS

			NV	-10	-36000	-6.180258	20	PASS
			NV	0	-37000	-6.351931	20	PASS
			NV	10	-37000	-6.351931	20	PASS
			NV	20	-37000	-6.351931	20	PASS
			NV	30	-36000	-6.180258	20	PASS
			NV	40	-36000	-6.180258	20	PASS
			NV	50	-37000	-6.351931	20	PASS
11N20SI SO	Ant1	5180	NV	-30	-33000	-6.370656	20	PASS
			NV	-20	-32000	-6.177606	20	PASS
			NV	-10	-33000	-6.370656	20	PASS
			NV	0	-33000	-6.370656	20	PASS
			NV	10	-32000	-6.177606	20	PASS
			NV	20	-33000	-6.370656	20	PASS
			NV	30	-33000	-6.370656	20	PASS
			NV	40	-33000	-6.370656	20	PASS
			NV	50	-32000	-6.177606	20	PASS
	Ant2	5180	NV	-30	-33000	-6.370656	20	PASS
			NV	-20	-34000	-6.563707	20	PASS
			NV	-10	-33000	-6.370656	20	PASS
			NV	0	-33000	-6.370656	20	PASS
			NV	10	-33000	-6.370656	20	PASS
			NV	20	-33000	-6.370656	20	PASS
			NV	30	-33000	-6.370656	20	PASS
			NV	40	-33000	-6.370656	20	PASS
			NV	50	-33000	-6.370656	20	PASS
	Ant1	5200	NV	-30	-33000	-6.346154	20	PASS
			NV	-20	-33000	-6.346154	20	PASS
			NV	-10	-33000	-6.346154	20	PASS
			NV	0	-33000	-6.346154	20	PASS
			NV	10	-33000	-6.346154	20	PASS
			NV	20	-33000	-6.346154	20	PASS
			NV	30	-32000	-6.153846	20	PASS
			NV	40	-32000	-6.153846	20	PASS
			NV	50	-33000	-6.346154	20	PASS
	Ant2	5200	NV	-30	-34000	-6.538462	20	PASS
			NV	-20	-34000	-6.538462	20	PASS
			NV	-10	-34000	-6.538462	20	PASS
			NV	0	-33000	-6.346154	20	PASS
			NV	10	-32000	-6.153846	20	PASS
			NV	20	-33000	-6.346154	20	PASS

			NV	30	-32000	-6.153846	20	PASS				
			NV	40	-33000	-6.346154	20	PASS				
			NV	50	-33000	-6.346154	20	PASS				
	Ant1	5240		NV	-30	-33000	-6.29771	20	PASS			
				NV	-20	-33000	-6.29771	20	PASS			
				NV	-10	-34000	-6.48855	20	PASS			
				NV	0	-34000	-6.48855	20	PASS			
				NV	10	-33000	-6.29771	20	PASS			
				NV	20	-33000	-6.29771	20	PASS			
				NV	30	-33000	-6.29771	20	PASS			
				NV	40	-33000	-6.29771	20	PASS			
				NV	50	-33000	-6.29771	20	PASS			
				Ant2	5240		NV	-30	-32000	-6.10687	20	PASS
							NV	-20	-33000	-6.29771	20	PASS
	NV	-10	-34000				-6.48855	20	PASS			
	NV	0	-34000				-6.48855	20	PASS			
	NV	10	-34000				-6.48855	20	PASS			
	NV	20	-33000				-6.29771	20	PASS			
	NV	30	-34000				-6.48855	20	PASS			
	NV	40	-33000				-6.29771	20	PASS			
	NV	50	-31000				-5.916031	20	PASS			
	Ant1	5745		NV	-30	-37000	-6.440383	20	PASS			
				NV	-20	-37000	-6.440383	20	PASS			
				NV	-10	-37000	-6.440383	20	PASS			
NV				0	-37000	-6.440383	20	PASS				
NV				10	-37000	-6.440383	20	PASS				
NV				20	-36000	-6.266319	20	PASS				
NV				30	-36000	-6.266319	20	PASS				
NV				40	-37000	-6.440383	20	PASS				
NV				50	-36000	-6.266319	20	PASS				
Ant2	5745		NV	-30	-37000	-6.440383	20	PASS				
			NV	-20	-36000	-6.266319	20	PASS				
			NV	-10	-37000	-6.440383	20	PASS				
			NV	0	-36000	-6.266319	20	PASS				
			NV	10	-36000	-6.266319	20	PASS				
			NV	20	-35000	-6.092254	20	PASS				
			NV	30	-36000	-6.266319	20	PASS				
			NV	40	-36000	-6.266319	20	PASS				
			NV	50	-36000	-6.266319	20	PASS				
Ant1	5785		NV	-30	-38000	-6.568712	20	PASS				

			NV	-20	-36000	-6.22299	20	PASS
			NV	-10	-37000	-6.395851	20	PASS
			NV	0	-37000	-6.395851	20	PASS
			NV	10	-37000	-6.395851	20	PASS
			NV	20	-37000	-6.395851	20	PASS
			NV	30	-37000	-6.395851	20	PASS
			NV	40	-37000	-6.395851	20	PASS
			NV	50	-37000	-6.395851	20	PASS
	Ant2	5785	NV	-30	-36000	-6.22299	20	PASS
			NV	-20	-37000	-6.395851	20	PASS
			NV	-10	-37000	-6.395851	20	PASS
			NV	0	-36000	-6.22299	20	PASS
			NV	10	-35000	-6.05013	20	PASS
			NV	20	-37000	-6.395851	20	PASS
			NV	30	-36000	-6.22299	20	PASS
			NV	40	-37000	-6.395851	20	PASS
	Ant1	5825	NV	-30	-37000	-6.351931	20	PASS
			NV	-20	-37000	-6.351931	20	PASS
			NV	-10	-37000	-6.351931	20	PASS
			NV	0	-37000	-6.351931	20	PASS
			NV	10	-36000	-6.180258	20	PASS
			NV	20	-38000	-6.523605	20	PASS
			NV	30	-36000	-6.180258	20	PASS
			NV	40	-37000	-6.351931	20	PASS
	Ant2	5825	NV	-30	-36000	-6.180258	20	PASS
			NV	-20	-36000	-6.180258	20	PASS
			NV	-10	-37000	-6.351931	20	PASS
			NV	0	-36000	-6.180258	20	PASS
			NV	10	-36000	-6.180258	20	PASS
			NV	20	-36000	-6.180258	20	PASS
			NV	30	-37000	-6.351931	20	PASS
			NV	40	-37000	-6.351931	20	PASS
11N40SI SO	Ant1	5190	NV	-30	-33000	-6.358382	20	PASS
			NV	-20	-33000	-6.358382	20	PASS
			NV	-10	-33000	-6.358382	20	PASS
			NV	0	-33000	-6.358382	20	PASS
			NV	10	-34000	-6.55106	20	PASS

			NV	20	-33000	-6.358382	20	PASS
			NV	30	-33000	-6.358382	20	PASS
			NV	40	-33000	-6.358382	20	PASS
			NV	50	-33000	-6.358382	20	PASS
	Ant2	5190	NV	-30	-33000	-6.358382	20	PASS
			NV	-20	-33000	-6.358382	20	PASS
			NV	-10	-33000	-6.358382	20	PASS
			NV	0	-33000	-6.358382	20	PASS
			NV	10	-33000	-6.358382	20	PASS
			NV	20	-32000	-6.165703	20	PASS
			NV	30	-32000	-6.165703	20	PASS
			NV	40	-32000	-6.165703	20	PASS
			NV	50	-33000	-6.358382	20	PASS
			Ant1	5230	NV	-30	-34000	-6.500956
	NV	-20			-33000	-6.309751	20	PASS
	NV	-10			-33000	-6.309751	20	PASS
	NV	0			-32000	-6.118547	20	PASS
	NV	10			-33000	-6.309751	20	PASS
	NV	20			-33000	-6.309751	20	PASS
	NV	30			-33000	-6.309751	20	PASS
	NV	40			-33000	-6.309751	20	PASS
	NV	50			-33000	-6.309751	20	PASS
	Ant2	5230	NV	-30	-32000	-6.118547	20	PASS
			NV	-20	-34000	-6.500956	20	PASS
			NV	-10	-33000	-6.309751	20	PASS
			NV	0	-34000	-6.500956	20	PASS
			NV	10	-32000	-6.118547	20	PASS
			NV	20	-32000	-6.118547	20	PASS
			NV	30	-33000	-6.309751	20	PASS
			NV	40	-33000	-6.309751	20	PASS
			NV	50	-33000	-6.309751	20	PASS
	Ant1	5755	NV	-30	-37000	-6.429192	20	PASS
NV			-20	-37000	-6.429192	20	PASS	
NV			-10	-37000	-6.429192	20	PASS	
NV			0	-36000	-6.25543	20	PASS	
NV			10	-37000	-6.429192	20	PASS	
NV			20	-37000	-6.429192	20	PASS	
NV			30	-37000	-6.429192	20	PASS	
NV			40	-37000	-6.429192	20	PASS	
NV			50	-37000	-6.429192	20	PASS	

11AC20S ISO	Ant2	5755	NV	-30	-37000	-6.429192	20	PASS
			NV	-20	-37000	-6.429192	20	PASS
			NV	-10	-36000	-6.25543	20	PASS
			NV	0	-36000	-6.25543	20	PASS
			NV	10	-36000	-6.25543	20	PASS
			NV	20	-37000	-6.429192	20	PASS
			NV	30	-36000	-6.25543	20	PASS
			NV	40	-36000	-6.25543	20	PASS
			NV	50	-36000	-6.25543	20	PASS
	Ant1	5795	NV	-30	-37000	-6.384814	20	PASS
			NV	-20	-37000	-6.384814	20	PASS
			NV	-10	-37000	-6.384814	20	PASS
			NV	0	-37000	-6.384814	20	PASS
			NV	10	-37000	-6.384814	20	PASS
			NV	20	-37000	-6.384814	20	PASS
			NV	30	-37000	-6.384814	20	PASS
			NV	40	-37000	-6.384814	20	PASS
			NV	50	-37000	-6.384814	20	PASS
	Ant2	5795	NV	-30	-37000	-6.384814	20	PASS
			NV	-20	-36000	-6.212252	20	PASS
			NV	-10	-37000	-6.384814	20	PASS
			NV	0	-37000	-6.384814	20	PASS
			NV	10	-36000	-6.212252	20	PASS
			NV	20	-36000	-6.212252	20	PASS
			NV	30	-36000	-6.212252	20	PASS
			NV	40	-36000	-6.212252	20	PASS
			NV	50	-36000	-6.212252	20	PASS
	Ant1	5180	NV	-30	-33000	-6.370656	20	PASS
			NV	-20	-33000	-6.370656	20	PASS
			NV	-10	-32000	-6.177606	20	PASS
			NV	0	-33000	-6.370656	20	PASS
			NV	10	-32000	-6.177606	20	PASS
			NV	20	-32000	-6.177606	20	PASS
			NV	30	-32000	-6.177606	20	PASS
			NV	40	-33000	-6.370656	20	PASS
			NV	50	-33000	-6.370656	20	PASS
Ant2	5180	NV	-30	-32000	-6.177606	20	PASS	
		NV	-20	-33000	-6.370656	20	PASS	
		NV	-10	-32000	-6.177606	20	PASS	
		NV	0	-32000	-6.177606	20	PASS	