



































































Appendix E: Frequency Stability Test Result

Test Mode	Antenna	Channel [MHz]	Voltage		Deviation [Hz]	Deviation [ppm]	Limit [ppm]	Verdict
			Voltage [Vdc]	Temperature [°C]				
11AC20SIS O	Ant1	5180	NV	NT	-17000	-3.281853	20	PASS
			LV	NT	-17000	-3.281853	20	PASS
			HV	NT	-17000	-3.281853	20	PASS
		5200	NV	NT	-17000	-3.269231	20	PASS
			LV	NT	-17000	-3.269231	20	PASS
			HV	NT	-17000	-3.269231	20	PASS
		5240	NV	NT	-17000	-3.244275	20	PASS
			LV	NT	-17000	-3.244275	20	PASS
			HV	NT	-17000	-3.244275	20	PASS
		5260	NV	NT	-17000	-3.231939	20	PASS
			LV	NT	-17000	-3.231939	20	PASS
			HV	NT	-17000	-3.231939	20	PASS
		5280	NV	NT	-17000	-3.219697	20	PASS
			LV	NT	-17000	-3.219697	20	PASS
			HV	NT	-17000	-3.219697	20	PASS
		5320	NV	NT	-18000	-3.383459	20	PASS
			LV	NT	-18000	-3.383459	20	PASS
			HV	NT	-18000	-3.383459	20	PASS
		5500	NV	NT	-18000	-3.272727	20	PASS
			LV	NT	-18000	-3.272727	20	PASS
			HV	NT	-18000	-3.272727	20	PASS
		5580	NV	NT	-18000	-3.225806	20	PASS
			LV	NT	-18000	-3.225806	20	PASS
			HV	NT	-18000	-3.225806	20	PASS
		5700	NV	NT	-19000	-3.333333	20	PASS
			LV	NT	-19000	-3.333333	20	PASS
			HV	NT	-19000	-3.333333	20	PASS
		5720	NV	NT	-19000	-3.321678	20	PASS
			LV	NT	-19000	-3.321678	20	PASS
			HV	NT	-19000	-3.321678	20	PASS
		5745	NV	NT	-19000	-3.307224	20	PASS
			LV	NT	-19000	-3.307224	20	PASS
			HV	NT	-19000	-3.307224	20	PASS
		5785	NV	NT	-19000	-3.284356	20	PASS
			LV	NT	-19000	-3.284356	20	PASS
			HV	NT	-19000	-3.284356	20	PASS
5825	NV	NT	-19000	-3.261803	20	PASS		
	LV	NT	-19000	-3.261803	20	PASS		
	HV	NT	-19000	-3.261803	20	PASS		
11AC40SIS O	Ant1	5190	NV	NT	-17000	-3.27553	20	PASS
			LV	NT	-17000	-3.27553	20	PASS
			HV	NT	-17000	-3.27553	20	PASS
		5230	NV	NT	-17000	-3.250478	20	PASS
			LV	NT	-17000	-3.250478	20	PASS
			HV	NT	-17000	-3.250478	20	PASS
		5270	NV	NT	-17000	-3.225806	20	PASS
			LV	NT	-17000	-3.225806	20	PASS
			HV	NT	-17000	-3.225806	20	PASS
		5310	NV	NT	-17000	-3.201507	20	PASS
			LV	NT	-17000	-3.201507	20	PASS
			HV	NT	-17000	-3.201507	20	PASS
		5510	NV	NT	-18000	-3.266788	20	PASS
			LV	NT	-18000	-3.266788	20	PASS
			HV	NT	-18000	-3.266788	20	PASS
		5550	NV	NT	-18000	-3.243243	20	PASS



5260	NV	-30	-17000	-3.231939	20	PASS
	NV	-20	-17000	-3.231939	20	PASS
	NV	-10	-17000	-3.231939	20	PASS
	NV	0	-17000	-3.231939	20	PASS
	NV	10	-17000	-3.231939	20	PASS
	NV	20	-17000	-3.231939	20	PASS
	NV	30	-17000	-3.231939	20	PASS
	NV	40	-17000	-3.231939	20	PASS
	NV	50	-17000	-3.231939	20	PASS
5280	NV	-30	-17000	-3.219697	20	PASS
	NV	-20	-17000	-3.219697	20	PASS
	NV	-10	-17000	-3.219697	20	PASS
	NV	0	-17000	-3.219697	20	PASS
	NV	10	-17000	-3.219697	20	PASS
	NV	20	-17000	-3.219697	20	PASS
	NV	30	-17000	-3.219697	20	PASS
	NV	40	-18000	-3.409091	20	PASS
NV	50	-17000	-3.219697	20	PASS	
5320	NV	-30	-18000	-3.383459	20	PASS
	NV	-20	-17000	-3.195489	20	PASS
	NV	-10	-17000	-3.195489	20	PASS
	NV	0	-18000	-3.383459	20	PASS
	NV	10	-18000	-3.383459	20	PASS
	NV	20	-17000	-3.195489	20	PASS
	NV	30	-18000	-3.383459	20	PASS
	NV	40	-18000	-3.383459	20	PASS
NV	50	-17000	-3.195489	20	PASS	
5500	NV	-30	-18000	-3.272727	20	PASS
	NV	-20	-18000	-3.272727	20	PASS
	NV	-10	-18000	-3.272727	20	PASS
	NV	0	-18000	-3.272727	20	PASS
	NV	10	-18000	-3.272727	20	PASS
	NV	20	-18000	-3.272727	20	PASS
	NV	30	-18000	-3.272727	20	PASS
	NV	40	-18000	-3.272727	20	PASS
NV	50	-18000	-3.272727	20	PASS	
5580	NV	-30	-18000	-3.225806	20	PASS
	NV	-20	-18000	-3.225806	20	PASS
	NV	-10	-18000	-3.225806	20	PASS
	NV	0	-18000	-3.225806	20	PASS
	NV	10	-18000	-3.225806	20	PASS
	NV	20	-18000	-3.225806	20	PASS
	NV	30	-18000	-3.225806	20	PASS
	NV	40	-18000	-3.225806	20	PASS
NV	50	-18000	-3.225806	20	PASS	
5700	NV	-30	-19000	-3.333333	20	PASS
	NV	-20	-19000	-3.333333	20	PASS
	NV	-10	-19000	-3.333333	20	PASS
	NV	0	-19000	-3.333333	20	PASS
	NV	10	-19000	-3.333333	20	PASS
	NV	20	-19000	-3.333333	20	PASS
	NV	30	-19000	-3.333333	20	PASS
	NV	40	-19000	-3.333333	20	PASS
	NV	50	-19000	-3.333333	20	PASS
5720	NV	-30	-19000	-3.321678	20	PASS
	NV	-20	-19000	-3.321678	20	PASS
	NV	-10	-19000	-3.321678	20	PASS
	NV	0	-19000	-3.321678	20	PASS
	NV	10	-19000	-3.321678	20	PASS
	NV	20	-19000	-3.321678	20	PASS
	NV	30	-19000	-3.321678	20	PASS
	NV	40	-19000	-3.321678	20	PASS
	NV	50	-19000	-3.321678	20	PASS
5745	NV	-30	-19000	-3.307224	20	PASS



			NV	-20	-19000	-3.307224	20	PASS
			NV	-10	-19000	-3.307224	20	PASS
			NV	0	-19000	-3.307224	20	PASS
			NV	10	-19000	-3.307224	20	PASS
			NV	20	-19000	-3.307224	20	PASS
			NV	30	-19000	-3.307224	20	PASS
			NV	40	-19000	-3.307224	20	PASS
			NV	50	-19000	-3.307224	20	PASS
		5785	NV	-30	-19000	-3.284356	20	PASS
		5785	NV	-20	-19000	-3.284356	20	PASS
		5785	NV	-10	-19000	-3.284356	20	PASS
		5785	NV	0	-19000	-3.284356	20	PASS
		5785	NV	10	-19000	-3.284356	20	PASS
		5785	NV	20	-19000	-3.284356	20	PASS
		5785	NV	30	-19000	-3.284356	20	PASS
		5785	NV	40	-19000	-3.284356	20	PASS
		5785	NV	50	-19000	-3.284356	20	PASS
		5825	NV	-30	-19000	-3.261803	20	PASS
		5825	NV	-20	-19000	-3.261803	20	PASS
		5825	NV	-10	-19000	-3.261803	20	PASS
		5825	NV	0	-19000	-3.261803	20	PASS
		5825	NV	10	-19000	-3.261803	20	PASS
		5825	NV	20	-19000	-3.261803	20	PASS
		5825	NV	30	-19000	-3.261803	20	PASS
		5825	NV	40	-19000	-3.261803	20	PASS
		5825	NV	50	-19000	-3.261803	20	PASS
		5190	NV	-30	-17000	-3.27553	20	PASS
		5190	NV	-20	-17000	-3.27553	20	PASS
		5190	NV	-10	-17000	-3.27553	20	PASS
		5190	NV	0	-17000	-3.27553	20	PASS
		5190	NV	10	-17000	-3.27553	20	PASS
		5190	NV	20	-17000	-3.27553	20	PASS
		5190	NV	30	-17000	-3.27553	20	PASS
		5190	NV	40	-17000	-3.27553	20	PASS
		5190	NV	50	-17000	-3.27553	20	PASS
		5230	NV	-30	-17000	-3.250478	20	PASS
		5230	NV	-20	-17000	-3.250478	20	PASS
		5230	NV	-10	-17000	-3.250478	20	PASS
		5230	NV	0	-17000	-3.250478	20	PASS
		5230	NV	10	-17000	-3.250478	20	PASS
		5230	NV	20	-17000	-3.250478	20	PASS
		5230	NV	30	-17000	-3.250478	20	PASS
		5230	NV	40	-17000	-3.250478	20	PASS
		5230	NV	50	-17000	-3.250478	20	PASS
		5270	NV	-30	-17000	-3.225806	20	PASS
		5270	NV	-20	-17000	-3.225806	20	PASS
		5270	NV	-10	-17000	-3.225806	20	PASS
		5270	NV	0	-17000	-3.225806	20	PASS
		5270	NV	10	-17000	-3.225806	20	PASS
		5270	NV	20	-17000	-3.225806	20	PASS
		5270	NV	30	-17000	-3.225806	20	PASS
		5270	NV	40	-17000	-3.225806	20	PASS
		5270	NV	50	-17000	-3.225806	20	PASS
		5310	NV	-30	-17000	-3.201507	20	PASS
		5310	NV	-20	-17000	-3.201507	20	PASS
		5310	NV	-10	-17000	-3.201507	20	PASS
		5310	NV	0	-17000	-3.201507	20	PASS
		5310	NV	10	-17000	-3.201507	20	PASS
		5310	NV	20	-17000	-3.201507	20	PASS
		5310	NV	30	-17000	-3.201507	20	PASS
		5310	NV	40	-17000	-3.201507	20	PASS
		5310	NV	50	-17000	-3.201507	20	PASS
		5510	NV	-30	-18000	-3.266788	20	PASS
		5510	NV	-20	-18000	-3.266788	20	PASS



			NV	-10	-18000	-3.266788	20	PASS
			NV	0	-18000	-3.266788	20	PASS
			NV	10	-18000	-3.266788	20	PASS
			NV	20	-18000	-3.266788	20	PASS
			NV	30	-18000	-3.266788	20	PASS
			NV	40	-18000	-3.266788	20	PASS
			NV	50	-18000	-3.266788	20	PASS
		5550	NV	-30	-18000	-3.243243	20	PASS
			NV	-20	-18000	-3.243243	20	PASS
			NV	-10	-18000	-3.243243	20	PASS
			NV	0	-18000	-3.243243	20	PASS
			NV	10	-18000	-3.243243	20	PASS
			NV	20	-18000	-3.243243	20	PASS
			NV	30	-18000	-3.243243	20	PASS
		5670	NV	40	-18000	-3.243243	20	PASS
			NV	50	-18000	-3.243243	20	PASS
			NV	-30	-19000	-3.35097	20	PASS
			NV	-20	-19000	-3.35097	20	PASS
			NV	-10	-18000	-3.174603	20	PASS
			NV	0	-19000	-3.35097	20	PASS
			NV	10	-18000	-3.174603	20	PASS
		5710	NV	20	-18000	-3.174603	20	PASS
			NV	30	-18000	-3.174603	20	PASS
			NV	40	-18000	-3.174603	20	PASS
			NV	50	-19000	-3.35097	20	PASS
			NV	-30	-19000	-3.327496	20	PASS
			NV	-20	-18000	-3.152364	20	PASS
			NV	-10	-19000	-3.327496	20	PASS
		5755	NV	0	-19000	-3.327496	20	PASS
			NV	10	-18000	-3.152364	20	PASS
			NV	20	-19000	-3.327496	20	PASS
			NV	30	-18000	-3.152364	20	PASS
			NV	40	-19000	-3.327496	20	PASS
			NV	50	-19000	-3.327496	20	PASS
			5795	NV	-30	-19000	-3.301477	20
		NV		-20	-19000	-3.301477	20	PASS
		NV		-10	-19000	-3.301477	20	PASS
		NV		0	-19000	-3.301477	20	PASS
		NV		10	-19000	-3.301477	20	PASS
		NV		20	-19000	-3.301477	20	PASS
		NV		30	-19000	-3.301477	20	PASS
		5210	NV	40	-19000	-3.301477	20	PASS
			NV	50	-19000	-3.301477	20	PASS
			NV	-30	-18000	-3.106126	20	PASS
			NV	-20	-18000	-3.106126	20	PASS
			NV	-10	-18000	-3.106126	20	PASS
			NV	0	-19000	-3.278689	20	PASS
			NV	10	-19000	-3.278689	20	PASS
		5290	NV	20	-19000	-3.278689	20	PASS
			NV	30	-19000	-3.278689	20	PASS
			NV	40	-19000	-3.278689	20	PASS
			NV	50	-19000	-3.278689	20	PASS
			NV	-30	-17000	-3.262956	20	PASS
			NV	-20	-17000	-3.262956	20	PASS
			NV	-10	-17000	-3.262956	20	PASS
		11AC80SIS O	NV	0	-17000	-3.262956	20	PASS
			NV	10	-17000	-3.262956	20	PASS
			NV	20	-17000	-3.262956	20	PASS
			NV	30	-17000	-3.262956	20	PASS
			NV	40	-17000	-3.262956	20	PASS
			NV	50	-17000	-3.262956	20	PASS
			NV	-30	-17000	-3.213611	20	PASS
		Ant1	NV	-20	-17000	-3.213611	20	PASS
			NV	-10	-17000	-3.213611	20	PASS
			NV	0	-17000	-3.213611	20	PASS



			NV	0	-17000	-3.213611	20	PASS
			NV	10	-17000	-3.213611	20	PASS
			NV	20	-17000	-3.213611	20	PASS
			NV	30	-17000	-3.213611	20	PASS
			NV	40	-17000	-3.213611	20	PASS
			NV	50	-17000	-3.213611	20	PASS
		5530	NV	-30	-18000	-3.254973	20	PASS
			NV	-20	-18000	-3.254973	20	PASS
			NV	-10	-18000	-3.254973	20	PASS
			NV	0	-18000	-3.254973	20	PASS
			NV	10	-18000	-3.254973	20	PASS
			NV	20	-18000	-3.254973	20	PASS
			NV	30	-18000	-3.254973	20	PASS
			NV	40	-18000	-3.254973	20	PASS
		5610	NV	50	-18000	-3.254973	20	PASS
			NV	-30	-18000	-3.208556	20	PASS
			NV	-20	-18000	-3.208556	20	PASS
			NV	-10	-18000	-3.208556	20	PASS
			NV	0	-18000	-3.208556	20	PASS
			NV	10	-18000	-3.208556	20	PASS
			NV	20	-18000	-3.208556	20	PASS
			NV	30	-18000	-3.208556	20	PASS
		5690	NV	40	-18000	-3.208556	20	PASS
			NV	50	-18000	-3.208556	20	PASS
			NV	-30	-19000	-3.339192	20	PASS
			NV	-20	-19000	-3.339192	20	PASS
			NV	-10	-19000	-3.339192	20	PASS
			NV	0	-19000	-3.339192	20	PASS
			NV	10	-19000	-3.339192	20	PASS
			NV	20	-19000	-3.339192	20	PASS
		5775	NV	30	-19000	-3.339192	20	PASS
			NV	40	-19000	-3.339192	20	PASS
			NV	50	-18000	-3.163445	20	PASS
			NV	-30	-19000	-3.290043	20	PASS
			NV	-20	-19000	-3.290043	20	PASS
			NV	-10	-19000	-3.290043	20	PASS
			NV	0	-19000	-3.290043	20	PASS
			NV	10	-19000	-3.290043	20	PASS
			NV	20	-19000	-3.290043	20	PASS
			NV	30	-19000	-3.290043	20	PASS
			NV	40	-19000	-3.290043	20	PASS
			NV	50	-19000	-3.290043	20	PASS