

Appendix G: Frequency Stability

Test Result

Test Mode	Antenna	Frequency [MHz]	Voltage			Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
			Voltage [Vdc]	Temperature (°C)							
11A	Ant1	5180	NV	NT		20000.00	3.861004	20	PASS		
			LV	NT		20000.00	3.861004	20	PASS		
			HV	NT		20000.00	3.861004	20	PASS		
		5200	NV	NT		0.00	0.000000	20	PASS		
			LV	NT		20000.00	3.846154	20	PASS		
			HV	NT		40000.00	7.692308	20	PASS		
		5240	NV	NT		20000.00	3.816794	20	PASS		
			LV	NT		20000.00	3.816794	20	PASS		
			HV	NT		0.00	0.000000	20	PASS		
		5745	NV	NT		20000.00	3.481288	20	PASS		
			LV	NT		20000.00	3.481288	20	PASS		
			HV	NT		20000.00	3.481288	20	PASS		
		5785	NV	NT		20000.00	3.457217	20	PASS		
			LV	NT		20000.00	3.457217	20	PASS		
			HV	NT		40000.00	6.914434	20	PASS		
		5825	NV	NT		0.00	0.000000	20	PASS		
			LV	NT		20000.00	3.433476	20	PASS		
			HV	NT		20000.00	3.433476	20	PASS		
		11N20SISO	Ant1	5180	NV	NT		0.00	0.000000	20	PASS
					LV	NT		20000.00	3.861004	20	PASS
					HV	NT		0.00	0.000000	20	PASS
				5200	NV	NT		0.00	0.000000	20	PASS
					LV	NT		20000.00	3.846154	20	PASS
					HV	NT		20000.00	3.846154	20	PASS
5240	NV			NT		20000.00	3.816794	20	PASS		
	LV			NT		20000.00	3.816794	20	PASS		
	HV			NT		20000.00	3.816794	20	PASS		
5745	NV			NT		20000.00	3.481288	20	PASS		
	LV			NT		20000.00	3.481288	20	PASS		
	HV			NT		20000.00	3.481288	20	PASS		
5785	NV			NT		20000.00	3.457217	20	PASS		
	LV			NT		20000.00	3.457217	20	PASS		
	HV			NT		20000.00	3.457217	20	PASS		
5825	NV			NT		20000.00	3.433476	20	PASS		
	LV			NT		20000.00	3.433476	20	PASS		
	HV			NT		0.00	0.000000	20	PASS		
11N40SISO	Ant1			5190	NV	NT		40000.00	7.707129	20	PASS
					LV	NT		0.00	0.000000	20	PASS
					HV	NT		0.00	0.000000	20	PASS
				5230	NV	NT		40000.00	7.648184	20	PASS
					LV	NT		40000.00	7.648184	20	PASS
					HV	NT		0.00	0.000000	20	PASS
		5755	NV	NT		40000.00	6.950478	20	PASS		
			LV	NT		0.00	0.000000	20	PASS		
			HV	NT		40000.00	6.950478	20	PASS		
		5795	NV	NT		0.00	0.000000	20	PASS		
			LV	NT		40000.00	6.902502	20	PASS		
			HV	NT		0.00	0.000000	20	PASS		
		11AC20SISO	Ant1	5180	NV	NT		0.00	0.000000	20	PASS
					LV	NT		0.00	0.000000	20	PASS
					HV	NT		20000.00	3.861004	20	PASS
5200	NV			NT		0.00	0.000000	20	PASS		
	LV			NT		0.00	0.000000	20	PASS		
	HV			NT		20000.00	3.846154	20	PASS		
5240	NV			NT		20000.00	3.816794	20	PASS		
	LV			NT		20000.00	3.816794	20	PASS		
	HV			NT		20000.00	3.816794	20	PASS		

		5745	NV	NT	20000.00	3.481288	20	PASS
			LV	NT	20000.00	3.481288	20	PASS
			HV	NT	20000.00	3.481288	20	PASS
		5785	NV	NT	20000.00	3.457217	20	PASS
			LV	NT	20000.00	3.457217	20	PASS
			HV	NT	20000.00	3.457217	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.433476	20	PASS
11AC40SIS O	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	40000.00	7.707129	20	PASS
			HV	NT	40000.00	7.707129	20	PASS
		5230	NV	NT	40000.00	7.648184	20	PASS
			LV	NT	40000.00	7.648184	20	PASS
			HV	NT	40000.00	7.648184	20	PASS
		5755	NV	NT	40000.00	6.950478	20	PASS
			LV	NT	40000.00	6.950478	20	PASS
			HV	NT	40000.00	6.950478	20	PASS
		5795	NV	NT	40000.00	6.902502	20	PASS
			LV	NT	40000.00	6.902502	20	PASS
			HV	NT	40000.00	6.902502	20	PASS
11AC80SIS O	Ant1	5210	NV	-30	-80000.00	-15.355086	20	PASS
			NV	-20	-80000.00	-15.355086	20	PASS
			NV	-10	-80000.00	-15.355086	20	PASS
			NV	0	-80000.00	-15.355086	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-80000.00	-15.355086	20	PASS
			NV	30	-80000.00	-15.355086	20	PASS
			NV	40	-80000.00	-15.355086	20	PASS
			NV	50	-80000.00	-15.355086	20	PASS
	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

Photographs of the Test Setup

See the Appendix – Test Setup Photos.

Photographs of the EUT

See the Appendix - EUT Photos.

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