











Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	-1270.00	-1.797594	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-1870.00	-2.646851	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-1320.00	-1.868365	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-2040.00	-2.887473	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-1320.00	-1.868365	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-2470.00	-3.496108	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-910.00	-1.288040	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-920.00	-1.302194	±NA	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-1130.00	-1.599434	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-640.00	-0.901408	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-840.00	-1.183099	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-100.00	-0.140845	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-640.00	-0.901408	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-380.00	-0.535211	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-910.00	-1.281690	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-2040.00	-2.873239	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-1380.00	-1.943662	±NA	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-540.00	-0.760563	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-7520.00	-10.539594	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-6600.00	-9.250175	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-6730.00	-9.432376	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-7050.00	-9.880869	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-6320.00	-8.857744	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-6190.00	-8.675543	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-6500.00	-9.110021	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-7130.00	-9.992992	±NA	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-4880.00	-6.839523	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	1620.00	2.292994	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	2480.00	3.510262	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	50.00	0.070771	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	360.00	0.509554	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	1790.00	2.533616	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	1110.00	1.571125	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	570.00	0.806794	±NA	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	910.00	1.288040	±NA	PASS

Band17	5MHz	16QAM	23755	25RB#0	NV	50	-590.00	-0.835103	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	600.00	0.845070	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	1220.00	1.718310	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	1180.00	1.661972	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	670.00	0.943662	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-10.00	-0.014085	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-210.00	-0.295775	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	1460.00	2.056338	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-100.00	-0.140845	±NA	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	1000.00	1.408451	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-4490.00	-6.292922	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-4370.00	-6.124737	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-4000.00	-5.606167	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-3900.00	-5.466013	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-3140.00	-4.400841	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-4430.00	-6.208830	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-4700.00	-6.587246	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-4480.00	-6.278907	±NA	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-6610.00	-9.264191	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-6120.00	-8.631876	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-10590.00	-14.936530	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-5790.00	-8.166432	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-8190.00	-11.551481	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-7340.00	-10.352609	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-8740.00	-12.327221	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-5080.00	-7.165021	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-6110.00	-8.617772	±NA	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-10150.00	-14.315938	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-19760.00	-27.830986	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-18410.00	-25.929577	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-16320.00	-22.985915	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-19000.00	-26.760563	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-20530.00	-28.915493	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-16740.00	-23.577465	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-16040.00	-22.591549	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-21310.00	-30.014085	±NA	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-19690.00	-27.732394	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-10460.00	-14.711674	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-10180.00	-14.317862	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-9220.00	-12.967651	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-10250.00	-14.416315	±NA	PASS

Band17	10MHz	QPSK	23800	50RB#0	NV	10	-9880.00	-13.895921	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-8900.00	-12.517581	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-10310.00	-14.500703	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-10310.00	-14.500703	±NA	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-10870.00	-15.288326	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-1260.00	-1.777151	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-2910.00	-4.104372	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-1900.00	-2.679831	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-5200.00	-7.334274	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	590.00	0.832158	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-7320.00	-10.324401	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	3290.00	4.640339	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-5820.00	-8.208745	±NA	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-5330.00	-7.517630	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-21850.00	-30.774648	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-13020.00	-18.338028	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-14410.00	-20.295775	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-17610.00	-24.802817	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-14740.00	-20.760563	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-14120.00	-19.887324	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-15080.00	-21.239437	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-17340.00	-24.422535	±NA	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-15370.00	-21.647887	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-6880.00	-9.676512	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-5380.00	-7.566807	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-7520.00	-10.576653	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-7050.00	-9.915612	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-5350.00	-7.524613	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-10010.00	-14.078762	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-8760.00	-12.320675	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-8050.00	-11.322082	±NA	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-7470.00	-10.506329	±NA	PASS