

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	4.57	0.001826	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	-2.86	-0.001143	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	5.65	0.002258	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	3.36	0.001325	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-4.38	-0.001728	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-7.25	-0.002860	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-7.91	-0.003081	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	4.16	0.001620	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-8.60	-0.003350	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-9.24	-0.003692	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	-8.15	-0.003257	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-2.17	-0.000867	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-9.95	-0.003925	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-10.36	-0.004087	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-5.69	-0.002245	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-11.34	-0.004417	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-13.14	-0.005118	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-4.00	-0.001558	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	-9.00	-0.003596	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	3.46	0.001383	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	5.57	0.002226	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	-6.77	-0.002705	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-14.28	-0.005706	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	2.91	0.001148	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-10.96	-0.004323	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-9.11	-0.003594	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-7.46	-0.002943	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-6.13	-0.002418	±2.5	PASS

Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-8.24	-0.003209	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-13.90	-0.005414	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-12.45	-0.004849	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-15.34	-0.005975	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-14.06	-0.005476	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-11.90	-0.004755	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	-3.17	-0.001267	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	-12.14	-0.004851	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	-9.34	-0.003732	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	5.20	0.002078	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-2.40	-0.000947	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-8.68	-0.003424	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-7.76	-0.003061	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-4.26	-0.001680	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-10.12	-0.003992	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	-5.79	-0.002255	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-3.24	-0.001262	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-18.77	-0.007311	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-10.77	-0.004195	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	-7.45	-0.002902	±2.5	PASS