

APPENDIX D: FREQUENCY STABILITY

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	4.99	0.002917	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	4.96	0.002899	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	7.25	0.004238	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	6.14	0.003589	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	3.20	0.001871	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	5.85	0.003420	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	5.09	0.002975	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	5.51	0.003221	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	6.22	0.003636	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	4.55	0.002660	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	4.71	0.002753	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	5.31	0.003104	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	6.39	0.003735	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-4.56	-0.002666	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	5.94	0.003472	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	5.84	0.003414	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	5.81	0.003396	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	3.89	0.002274	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-6.54	-0.003775	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-5.56	-0.003209	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	5.11	0.002949	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	5.31	0.003065	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-2.46	-0.001420	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-4.78	-0.002759	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-4.53	-0.002615	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-5.52	-0.003186	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	4.28	0.002470	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	2.85	0.001645	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	3.63	0.002095	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	2.66	0.001535	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	3.30	0.001905	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-3.98	-0.002297	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	4.69	0.002707	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	4.16	0.002401	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	5.19	0.002996	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-5.97	-0.003446	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-6.02	-0.003432	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-3.86	-0.002200	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	-6.68	-0.003808	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-3.79	-0.002160	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-5.95	-0.003392	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-4.65	-0.002651	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-7.41	-0.004224	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-9.21	-0.005250	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-5.79	-0.003300	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-4.84	-0.002759	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-4.29	-0.002445	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-5.66	-0.003226	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-7.10	-0.004047	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-7.02	-0.004002	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-6.71	-0.003825	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	-7.58	-0.004321	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-6.51	-0.003711	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-6.44	-0.003671	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-4.63	-0.002705	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-4.58	-0.002676	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-10	-3.35	-0.001957	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	4.75	0.002775	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	4.39	0.002565	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	3.93	0.002296	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	30	-3.96	-0.002314	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	40	3.06	0.001788	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	50	4.63	0.002705	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-4.51	-0.002635	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	-2.37	-0.001385	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-10	4.62	0.002699	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	6.87	0.004014	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	-6.38	-0.003728	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-3.76	-0.002197	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	30	-5.46	-0.003190	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	40	1.57	0.000917	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	50	3.78	0.002209	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-4.95	-0.002857	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-5.01	-0.002892	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-10	-3.56	-0.002055	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	3.36	0.001939	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	4.05	0.002338	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-3.71	-0.002141	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	30	3.19	0.001841	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	40	-3.46	-0.001997	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	50	-7.37	-0.004254	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	3.81	0.002199	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-5.54	-0.003198	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-10	4.21	0.002430	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	4.08	0.002355	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-3.56	-0.002055	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-4.49	-0.002592	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	30	-6.15	-0.003550	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	40	3.03	0.001749	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	50	-4.84	-0.002794	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-4.68	-0.002669	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-5.12	-0.002920	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-10	-4.32	-0.002464	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-4.96	-0.002829	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	5.39	0.003074	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	4.52	0.002578	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	30	3.82	0.002179	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	40	8.75	0.004990	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	50	-5.78	-0.003296	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-3.59	-0.002047	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-3.79	-0.002161	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-10	6.59	0.003758	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	5.61	0.003199	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	4.35	0.002481	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-4.31	-0.002458	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	30	-5.18	-0.002954	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	40	4.36	0.002486	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	50	4.88	0.002783	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-30	4.01	0.002342	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-20	7.47	0.004362	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	-10	5.91	0.003451	±2.5	PASS

Band4	5MHz	QPSK	19975	25RB#0	NV	0	5.91	0.003451	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	10	4.84	0.002826	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	20	3.35	0.001956	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	30	2.82	0.001647	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	40	6.39	0.003731	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	NV	50	6.31	0.003685	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-30	6.78	0.003959	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-20	6.27	0.003661	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	-10	5.15	0.003007	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	0	6.38	0.003726	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	10	4.72	0.002756	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	20	-5.52	-0.003223	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	30	5.58	0.003258	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	40	5.49	0.003206	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	NV	50	4.45	0.002599	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-30	-6.39	-0.003688	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-20	4.89	0.002823	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	-10	-3.71	-0.002141	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	0	3.36	0.001939	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	10	-3.56	-0.002055	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	20	-6.08	-0.003509	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	30	3.91	0.002257	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	40	-3.35	-0.001934	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	NV	50	7.30	0.004214	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-30	-4.42	-0.002551	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-20	-5.26	-0.003036	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	-10	6.09	0.003515	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	0	-4.33	-0.002499	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	10	4.43	0.002557	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	20	-6.14	-0.003544	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	30	-5.04	-0.002909	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	40	-4.89	-0.002823	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	NV	50	-4.18	-0.002413	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-30	-7.14	-0.004074	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-20	-7.25	-0.004137	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	-10	-7.51	-0.004285	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	0	-4.96	-0.002830	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	10	-4.43	-0.002528	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	20	-4.51	-0.002573	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	30	-5.95	-0.003395	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	40	-5.29	-0.003019	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	NV	50	-7.15	-0.004080	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-30	-9.98	-0.005695	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-20	-6.81	-0.003886	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	-10	-4.29	-0.002448	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	0	-5.79	-0.003304	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	10	-6.74	-0.003846	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	20	-7.05	-0.004023	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	30	-5.88	-0.003355	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	40	-6.31	-0.003601	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	NV	50	-5.56	-0.003173	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-30	-7.67	-0.004472	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-20	-5.89	-0.003434	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	-10	-7.42	-0.004327	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	0	-9.60	-0.005598	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	10	-5.04	-0.002939	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	20	-7.47	-0.004356	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	30	-4.25	-0.002478	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	NV	40	-2.78	-0.001621	±2.5	PASS

Band4	10MHz	QPSK	20000	50RB#0	NV	50	-5.64	-0.003289	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-30	-9.13	-0.005324	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-20	-6.97	-0.004064	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	-10	-4.75	-0.002770	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	0	-8.38	-0.004886	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	10	-6.48	-0.003778	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	20	-6.62	-0.003860	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	30	4.61	0.002688	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	40	-7.98	-0.004653	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	NV	50	-4.94	-0.002880	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-30	3.18	0.001835	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-20	-5.88	-0.003394	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	-10	4.96	0.002863	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	0	6.24	0.003602	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	10	-4.22	-0.002436	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	20	3.73	0.002153	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	30	4.06	0.002343	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	40	-5.25	-0.003030	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	NV	50	-3.65	-0.002107	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-30	-3.75	-0.002165	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-20	-4.02	-0.002320	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	-10	6.29	0.003631	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	0	-6.42	-0.003706	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	10	-3.60	-0.002078	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	20	5.04	0.002909	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	30	-3.75	-0.002165	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	40	4.72	0.002724	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	NV	50	3.98	0.002297	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-30	5.68	0.003246	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-20	6.87	0.003926	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	-10	3.48	0.001989	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	0	4.66	0.002663	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	10	3.32	0.001897	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	20	5.84	0.003337	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	30	3.45	0.001971	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	40	5.88	0.003360	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	NV	50	5.21	0.002977	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-30	5.97	0.003411	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-20	4.96	0.002834	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	-10	4.23	0.002417	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	0	4.03	0.002303	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	10	6.54	0.003737	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	20	4.94	0.002823	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	30	-7.04	-0.004023	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	40	3.06	0.001749	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	NV	50	6.68	0.003817	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-30	3.52	0.002049	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-20	6.21	0.003616	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	-10	-6.14	-0.003575	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	0	-5.48	-0.003191	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	10	-6.49	-0.003779	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	20	4.89	0.002847	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	30	3.28	0.001910	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	40	6.07	0.003534	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	NV	50	-3.76	-0.002189	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-30	4.49	0.002614	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-20	-4.72	-0.002748	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	-10	-4.95	-0.002882	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	0	-3.33	-0.001939	±2.5	PASS

Band4	15MHz	16QAM	20025	75RB#0	NV	10	-4.62	-0.002690	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	20	-5.11	-0.002975	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	30	-5.35	-0.003115	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	40	-5.28	-0.003074	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	NV	50	6.27	0.003651	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-30	3.22	0.001859	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-20	5.72	0.003302	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	-10	3.98	0.002297	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	0	4.41	0.002545	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	10	3.78	0.002182	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	20	4.01	0.002315	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	30	4.51	0.002603	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	40	4.39	0.002534	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	NV	50	5.68	0.003278	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-30	-4.59	-0.002649	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-20	-3.79	-0.002188	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	-10	5.88	0.003394	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	0	-1.96	-0.001131	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	10	-3.93	-0.002268	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	20	-4.94	-0.002851	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	30	-5.31	-0.003065	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	40	4.55	0.002626	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	NV	50	-3.78	-0.002182	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-30	-4.38	-0.002506	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-20	-3.36	-0.001923	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	-10	-4.75	-0.002718	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	0	-4.02	-0.002300	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	10	3.48	0.001991	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	20	6.05	0.003462	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	30	4.39	0.002512	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	40	-3.63	-0.002077	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	NV	50	4.65	0.002661	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-30	-4.72	-0.002701	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-20	4.68	0.002678	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	-10	-7.61	-0.004355	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	0	-5.55	-0.003176	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	10	-4.98	-0.002850	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	20	-4.81	-0.002753	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	30	5.75	0.003290	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	40	6.22	0.003559	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	NV	50	-6.24	-0.003571	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	3.91	0.002273	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	5.91	0.003436	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	4.89	0.002843	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	4.76	0.002767	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	3.50	0.002035	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	6.62	0.003849	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	4.68	0.002721	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	7.51	0.004366	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	3.19	0.001855	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	5.28	0.003070	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	4.13	0.002401	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	4.49	0.002610	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	6.59	0.003831	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	6.37	0.003703	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	2.46	0.001430	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	4.08	0.002372	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	7.71	0.004483	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	3.48	0.002023	±2.5	PASS

Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-5.04	-0.002909	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	5.85	0.003377	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	-8.70	-0.005022	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-2.92	-0.001685	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	7.95	0.004589	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	-6.18	-0.003567	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	4.09	0.002361	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	-8.01	-0.004623	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	-4.81	-0.002776	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	3.02	0.001743	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	-4.01	-0.002315	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	3.93	0.002268	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	4.33	0.002499	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	4.98	0.002874	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-3.91	-0.002257	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	6.32	0.003648	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	4.82	0.002782	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	-4.82	-0.002782	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-8.85	-0.005072	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-9.68	-0.005547	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-7.31	-0.004189	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-6.71	-0.003845	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-6.85	-0.003926	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-6.12	-0.003507	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	-6.11	-0.003501	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-7.18	-0.004115	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-4.81	-0.002756	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-8.30	-0.004756	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-5.76	-0.003301	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-5.78	-0.003312	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-6.55	-0.003754	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-5.58	-0.003198	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-7.61	-0.004361	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-7.82	-0.004481	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-5.46	-0.003129	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-9.87	-0.005656	±2.5	PASS

APPENDIX E: MODULATION CHARACTERISTICS

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	PASS
Band4	3MHz	QPSK	19965	15RB#0	PASS
Band4	3MHz	16QAM	19965	15RB#0	PASS
Band4	3MHz	QPSK	20175	15RB#0	PASS
Band4	3MHz	16QAM	20175	15RB#0	PASS
Band4	3MHz	QPSK	20385	15RB#0	PASS
Band4	3MHz	16QAM	20385	15RB#0	PASS
Band4	5MHz	QPSK	19975	25RB#0	PASS
Band4	5MHz	16QAM	19975	25RB#0	PASS
Band4	5MHz	QPSK	20175	25RB#0	PASS
Band4	5MHz	16QAM	20175	25RB#0	PASS
Band4	5MHz	QPSK	20375	25RB#0	PASS
Band4	5MHz	16QAM	20375	25RB#0	PASS
Band4	10MHz	QPSK	20000	50RB#0	PASS
Band4	10MHz	16QAM	20000	50RB#0	PASS
Band4	10MHz	QPSK	20175	50RB#0	PASS
Band4	10MHz	16QAM	20175	50RB#0	PASS
Band4	10MHz	QPSK	20350	50RB#0	PASS
Band4	10MHz	16QAM	20350	50RB#0	PASS
Band4	15MHz	QPSK	20025	75RB#0	PASS
Band4	15MHz	16QAM	20025	75RB#0	PASS
Band4	15MHz	QPSK	20175	75RB#0	PASS
Band4	15MHz	16QAM	20175	75RB#0	PASS
Band4	15MHz	QPSK	20325	75RB#0	PASS
Band4	15MHz	16QAM	20325	75RB#0	PASS
Band4	20MHz	QPSK	20050	100RB#0	PASS
Band4	20MHz	16QAM	20050	100RB#0	PASS
Band4	20MHz	QPSK	20175	100RB#0	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS
Band4	20MHz	QPSK	20300	100RB#0	PASS
Band4	20MHz	16QAM	20300	100RB#0	PASS

