

## Appendix F: Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	1.4MHz	QPSK	23017	6RB#0	VL	NT	-83.53	-0.119380	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	VN	NT	27.14	0.038788	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	VH	NT	-23.55	-0.033657	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VL	NT	-3.58	-0.005060	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VN	NT	-19.00	-0.026855	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	VH	NT	20.73	0.029300	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	VL	NT	-7.57	-0.010583	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	VN	NT	-7.97	-0.011142	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	VH	NT	-8.51	-0.011897	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	VL	NT	-5.42	-0.007746	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	VN	NT	-5.38	-0.007689	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	VH	NT	-13.88	-0.019837	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.35	-0.003322	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-5.26	-0.007435	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	VH	NT	4.06	0.005739	±2.5	PASS

Band1 2	1.4MHz	16QAM	23173	6RB#0	VL	NT	-22.06	-0.030840	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	VN	NT	-5.32	-0.007437	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	VH	NT	-15.75	-0.022019	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VL	NT	-7.37	-0.010521	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VN	NT	-10.46	-0.014932	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VH	NT	-9.41	-0.013433	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VL	NT	-14.05	-0.019859	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	-23.82	-0.033668	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	11.93	0.016862	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	-12.73	-0.017817	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	-12.77	-0.017873	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	-7.51	-0.010511	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	-20.56	-0.029350	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	-33.03	-0.047152	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	-10.57	-0.015089	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	10.03	0.014177	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	-3.26	-0.004608	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	10.26	0.014502	±2.5	PASS
Band1	3MHz	16QAM	23165	15RB#0	VL	NT	6.67	0.009335	±2.5	PASS

2										
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	8.67	0.012134	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	-2.52	-0.003527	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	-16.97	-0.024191	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	-10.21	-0.014555	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	3.00	0.004277	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	-15.08	-0.021314	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	-13.83	-0.019548	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	3.98	0.005625	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	-4.53	-0.006349	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	3.32	0.004653	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	-4.71	-0.006601	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	-7.58	-0.010805	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	-5.66	-0.008068	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VH	NT	-13.23	-0.018860	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VL	NT	6.79	0.009597	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	4.16	0.005880	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	5.08	0.007180	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	-6.28	-0.008802	±2.5	PASS

Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	-3.71	-0.005200	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	-3.22	-0.004513	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	-5.84	-0.008295	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	-6.39	-0.009077	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	-3.38	-0.004801	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	-9.97	-0.014092	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	-10.83	-0.015307	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	-7.01	-0.009908	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	-11.84	-0.016653	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	-6.82	-0.009592	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-9.51	-0.013376	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	-7.50	-0.010653	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	-7.70	-0.010938	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	-9.16	-0.013011	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	-1.73	-0.002445	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	-4.16	-0.005880	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	1.76	0.002488	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	-11.94	-0.016793	±2.5	PASS
Band1	10MHz	16QAM	23130	50RB#0	VN	NT	-4.95	-0.006962	±2.5	PASS

2										
Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	-11.89	-0.016723	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-30	5.41	0.007732	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-20	-41.54	-0.059368	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-10	-13.79	-0.019708	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	0	-9.74	-0.013920	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	10	-4.66	-0.006660	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	20	-30.70	-0.043876	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	30	-15.29	-0.021852	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	40	-13.05	-0.018651	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	50	-6.59	-0.009418	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-30	16.05	0.022686	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-6.67	-0.009428	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-10	-2.45	-0.003463	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.20	-0.003110	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	10	-3.38	-0.004777	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	20	-4.43	-0.006261	±2.5	PASS

Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	30	-1.65	-0.002332	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	40	-4.13	-0.005837	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	50	-4.55	-0.006431	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-30	-8.17	-0.011422	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	-4.21	-0.005886	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-10	6.61	0.009241	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	19.33	0.027024	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	29.28	0.040934	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	17.90	0.025024	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	30	14.88	0.020802	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	40	17.51	0.024479	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	50	4.19	0.005858	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-14.73	-0.021052	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-10.34	-0.014778	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-10	-5.95	-0.008504	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	-6.07	-0.008675	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	-7.40	-0.010576	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-6.09	-0.008704	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	-7.72	-0.011033	±2.5	PASS

2										
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	-6.58	-0.009404	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	-4.22	-0.006031	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	2.62	0.003703	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-23.82	-0.033668	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-10	-24.40	-0.034488	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-11.23	-0.015873	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-11.10	-0.015689	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	-10.31	-0.014572	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	-8.58	-0.012127	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	-11.43	-0.016155	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	-6.71	-0.009484	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	-8.65	-0.012093	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-5.97	-0.008346	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-10	-8.45	-0.011813	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-8.65	-0.012093	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-11.17	-0.015616	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-4.43	-0.006193	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	-7.48	-0.010457	±2.5	PASS

Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	-9.63	-0.013463	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	-11.47	-0.016035	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	3.75	0.005353	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	16.12	0.023012	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-10	19.11	0.027281	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	23.75	0.033904	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	20.80	0.029693	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	17.09	0.024397	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	14.95	0.021342	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	-3.88	-0.005539	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	3.76	0.005368	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	33.97	0.048014	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	-4.03	-0.005696	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-10	-4.69	-0.006629	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-8.53	-0.012057	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	-6.78	-0.009583	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	-5.46	-0.007717	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	-3.68	-0.005201	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	-4.59	-0.006488	±2.5	PASS



2										
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	-6.48	-0.009159	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	-6.15	-0.008607	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	-6.17	-0.008635	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-10	-2.80	-0.003919	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	7.12	0.009965	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	16.29	0.022799	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	18.31	0.025626	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	15.84	0.022169	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	17.08	0.023905	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	50	2.30	0.003219	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	-7.80	-0.011135	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-7.31	-0.010435	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-10	-8.47	-0.012091	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-13.50	-0.019272	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-6.37	-0.009094	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-10.29	-0.014690	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	-6.29	-0.008979	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	-12.25	-0.017488	±2.5	PASS

Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	-8.83	-0.012605	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	15.36	0.021710	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	14.96	0.021145	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-10	14.76	0.020862	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	3.13	0.004424	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	-3.65	-0.005159	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	-4.71	-0.006657	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	3.85	0.005442	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	4.49	0.006346	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	-8.18	-0.011562	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-2.56	-0.003583	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	-4.42	-0.006186	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-10	-11.74	-0.016431	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	-9.57	-0.013394	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	-10.06	-0.014080	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	-7.41	-0.010371	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	-5.97	-0.008355	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	-6.58	-0.009209	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	-11.17	-0.015633	±2.5	PASS

2										
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	8.31	0.011846	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	7.74	0.011033	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-10	6.69	0.009537	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	-4.08	-0.005816	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	-1.79	-0.002552	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	-1.92	-0.002737	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	30	-5.35	-0.007627	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	40	-3.78	-0.005388	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	50	-4.66	-0.006643	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	2.56	0.003618	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	-9.06	-0.012806	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-10	-2.90	-0.004099	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	-9.04	-0.012777	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-8.87	-0.012537	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	-9.94	-0.014049	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	30	-8.33	-0.011774	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	40	-5.65	-0.007986	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	50	-11.04	-0.015604	±2.5	PASS

Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	-5.64	-0.007905	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	-6.22	-0.008718	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-10	-5.84	-0.008185	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	2.79	0.003910	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	3.16	0.004429	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	5.19	0.007274	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	30	4.26	0.005971	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	40	2.23	0.003125	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	50	4.45	0.006237	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	-9.06	-0.012915	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	-9.06	-0.012915	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-10	-9.63	-0.013728	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-8.40	-0.011974	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-6.84	-0.009751	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-15.28	-0.021782	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	30	-2.57	-0.003664	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	40	-1.85	-0.002637	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	50	2.50	0.003564	±2.5	PASS
Band1	5MHz	16QAM	23095	25RB#0	NV	-30	2.95	0.004170	±2.5	PASS

2										
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	1.17	0.001654	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-10	-4.03	-0.005696	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	3.30	0.004664	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-2.82	-0.003986	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	-8.53	-0.012057	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	30	-3.93	-0.005555	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	40	-5.15	-0.007279	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	50	-5.31	-0.007505	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	-6.02	-0.008437	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	-6.82	-0.009559	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-10	-5.08	-0.007120	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	-4.42	-0.006195	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-10.44	-0.014632	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-33.67	-0.047190	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	30	-9.94	-0.013931	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	40	-5.52	-0.007737	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	50	-6.59	-0.009236	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	-2.79	-0.003963	±2.5	PASS

Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-1.96	-0.002784	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-10	-3.25	-0.004616	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-2.88	-0.004091	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-4.32	-0.006136	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-4.28	-0.006080	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	-3.58	-0.005085	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-6.92	-0.009830	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	-8.37	-0.011889	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	-5.65	-0.007986	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-4.32	-0.006106	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-10	-5.32	-0.007519	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-7.45	-0.010530	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	-8.38	-0.011845	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-7.08	-0.010007	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	-9.74	-0.013767	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	-11.20	-0.015830	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	-7.24	-0.010233	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-2.73	-0.003840	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	3.40	0.004782	±2.5	PASS

2										
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-10	5.15	0.007243	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-2.23	-0.003136	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-7.18	-0.010098	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-4.16	-0.005851	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	2.22	0.003122	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-5.36	-0.007539	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	-3.91	-0.005499	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	-7.97	-0.011321	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	-8.81	-0.012514	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-10	-11.17	-0.015866	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	-8.50	-0.012074	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	-9.97	-0.014162	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	3.20	0.004545	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	30	-4.39	-0.006236	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	40	-2.62	-0.003722	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	50	2.75	0.003906	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	-5.19	-0.007336	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	-6.52	-0.009216	±2.5	PASS

Band1 2	10MHz	16QAM	23095	50RB#0	NV	-10	-3.53	-0.004989	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	-3.65	-0.005159	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	-5.01	-0.007081	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-4.85	-0.006855	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	30	-10.90	-0.015406	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	40	-10.89	-0.015392	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	50	-10.00	-0.014134	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-12.96	-0.018228	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-10.33	-0.014529	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-10	-8.93	-0.012560	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-10.87	-0.015288	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	-10.23	-0.014388	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-4.84	-0.006807	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	30	3.48	0.004895	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	40	-5.46	-0.007679	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	50	2.92	0.004107	±2.5	PASS