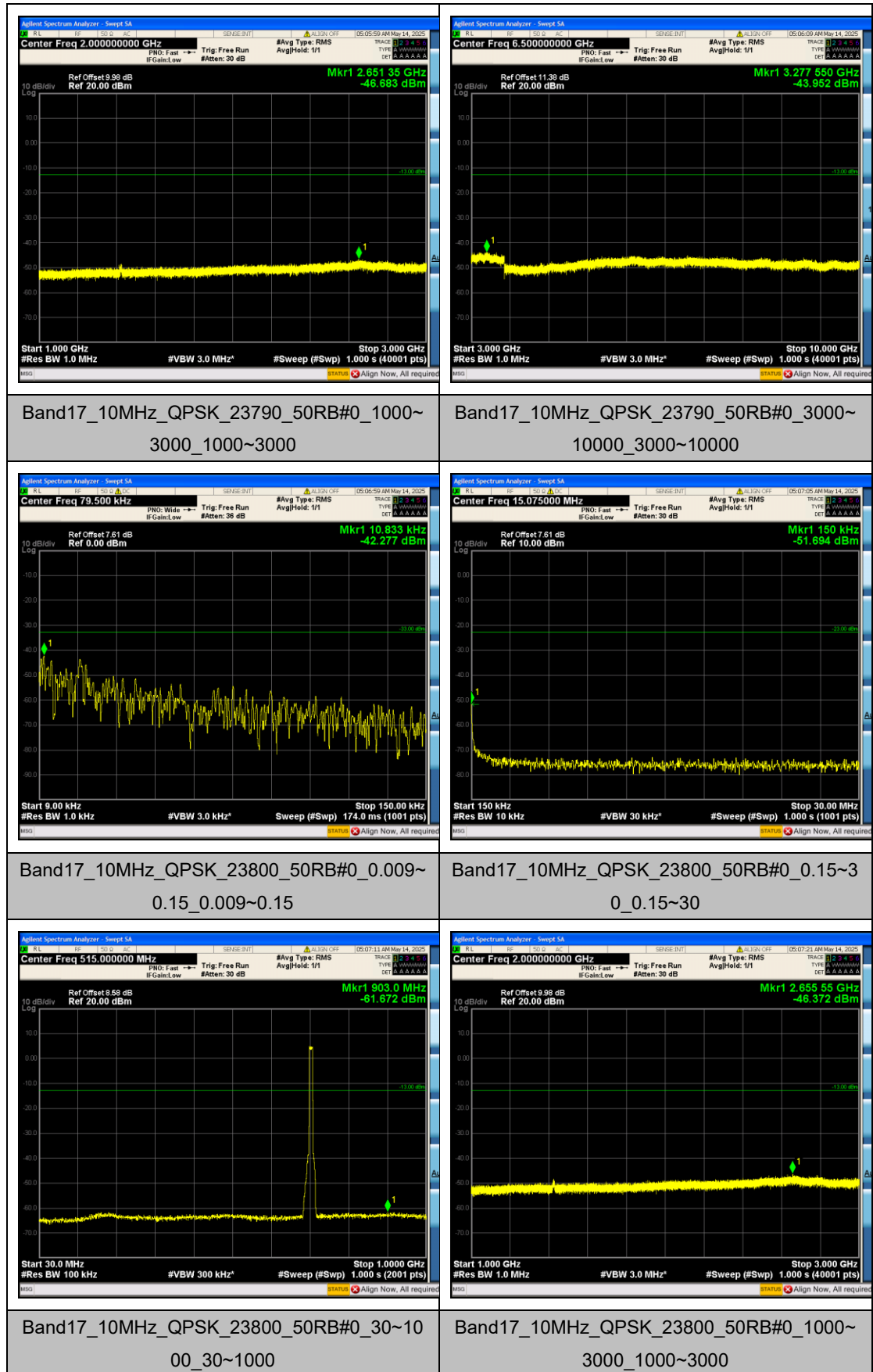
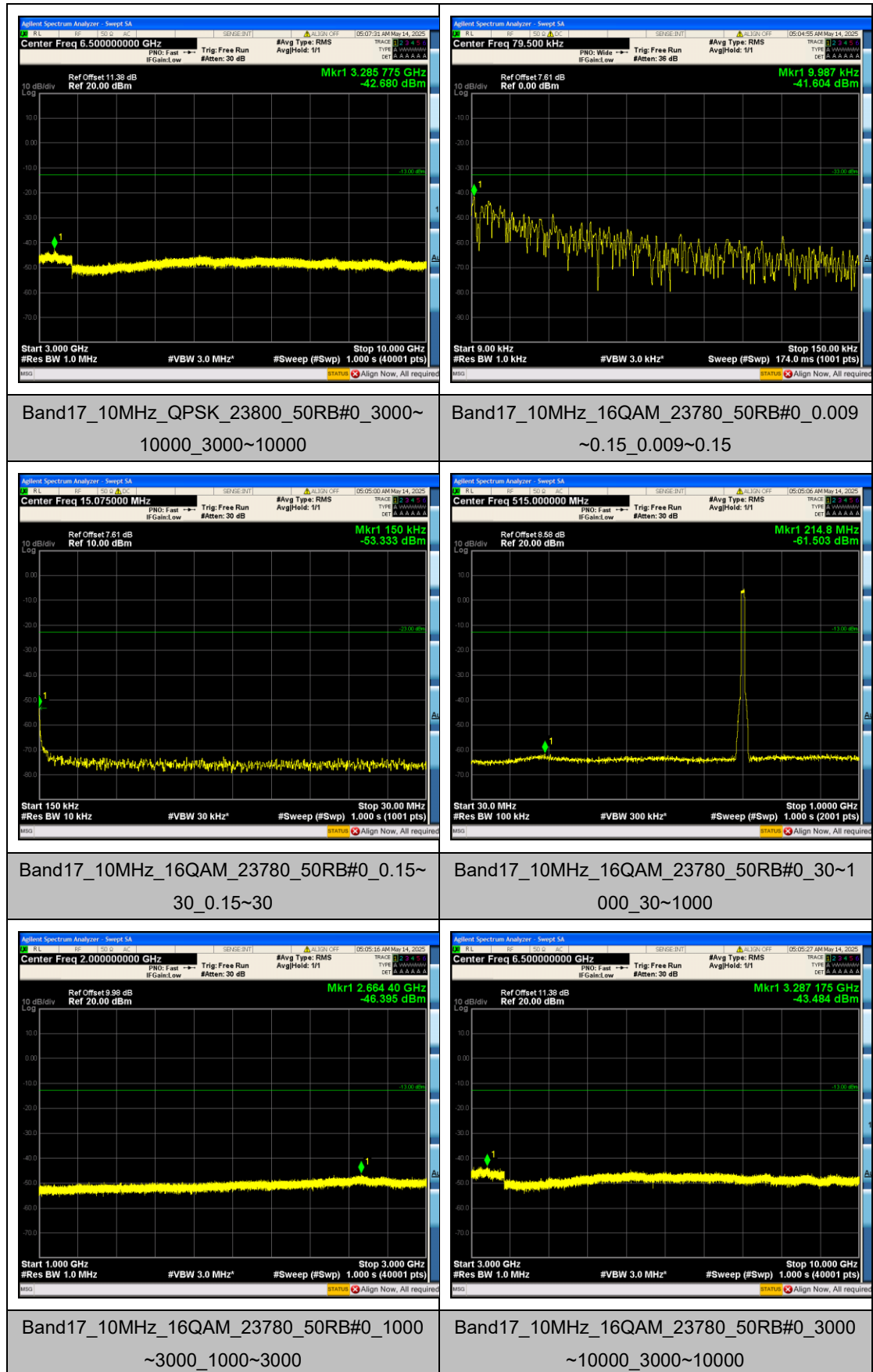
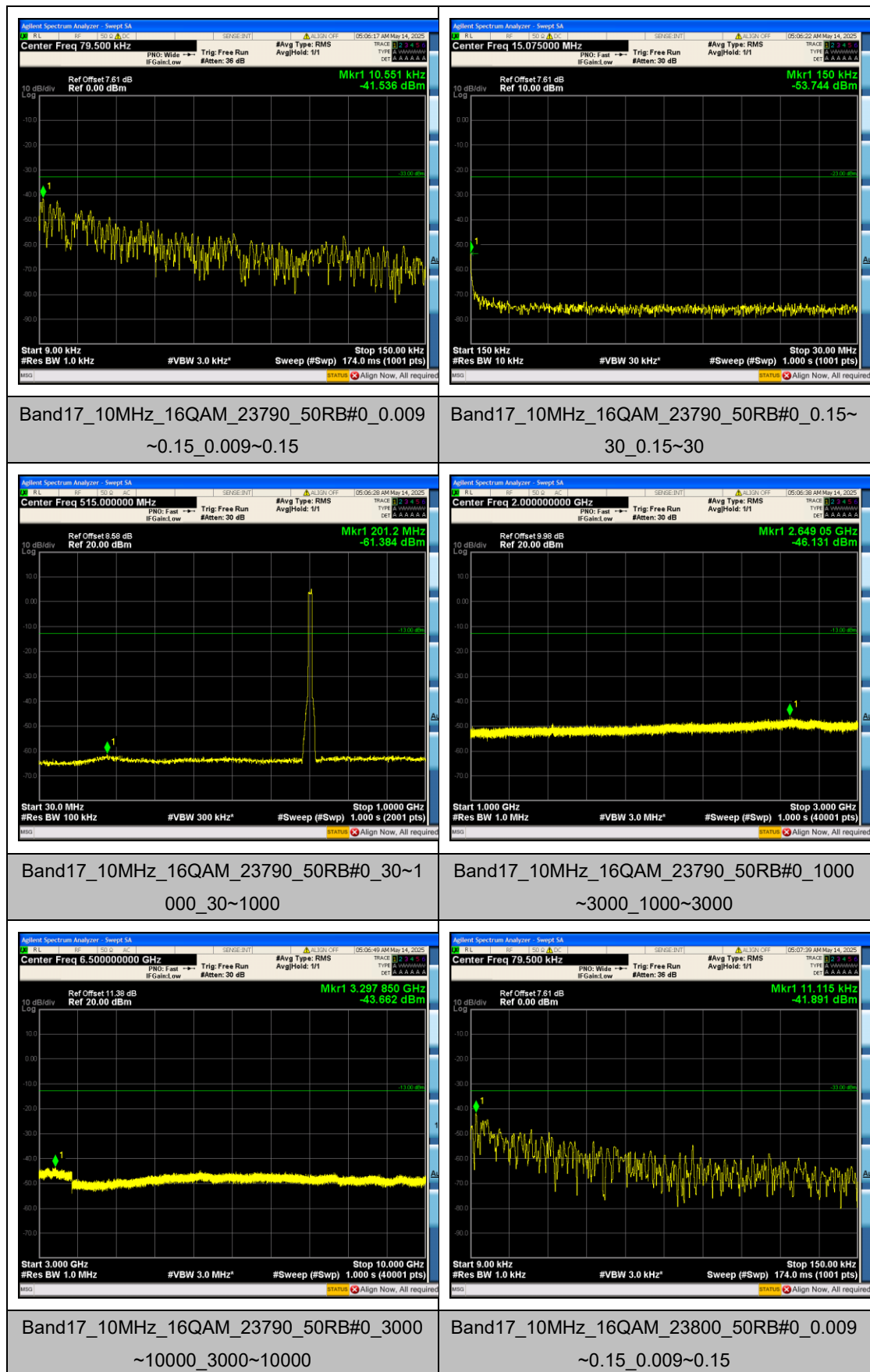
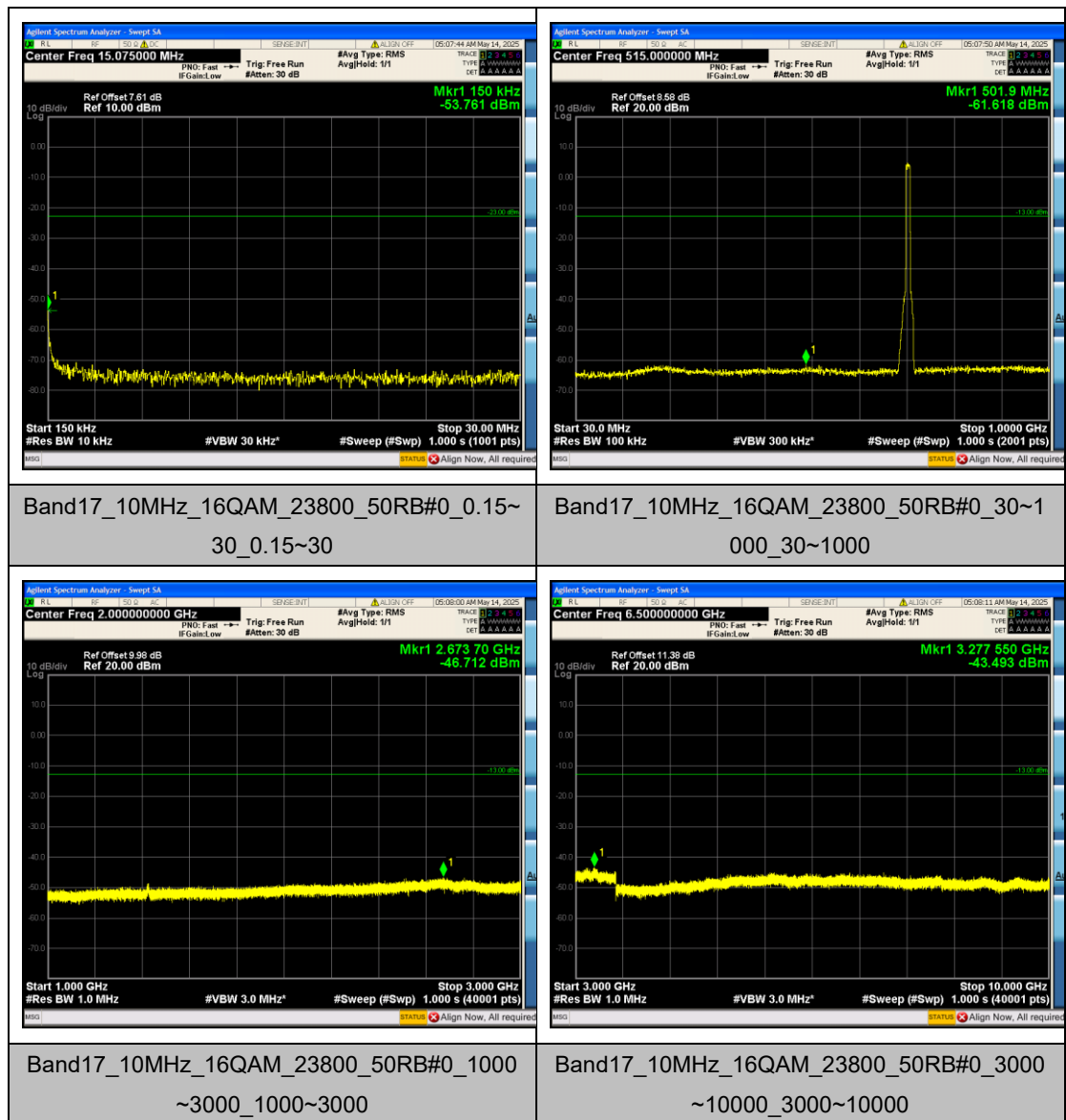










Appendix F: Frequency Stability

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	-24.29	-0.034381	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-26.92	-0.038103	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-28.52	-0.040368	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-25.89	-0.036645	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-24.12	-0.034140	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-23.19	-0.032824	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-22.33	-0.031607	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-18.91	-0.026766	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-15.34	-0.021713	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-33.35	-0.046972	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-44.72	-0.062986	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-49.00	-0.069014	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-48.85	-0.068803	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-45.16	-0.063606	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-45.09	-0.063507	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-40.18	-0.056592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-38.88	-0.054761	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-34.99	-0.049282	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-25.53	-0.035781	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-26.98	-0.037814	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-27.12	-0.038010	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-26.29	-0.036847	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-25.22	-0.035347	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-25.23	-0.035361	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-27.17	-0.038080	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-28.90	-0.040505	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-26.25	-0.036790	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-9.00	-0.012739	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-10.47	-0.014820	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-11.57	-0.016377	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-9.66	-0.013673	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-7.20	-0.010191	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-5.88	-0.008323	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-5.38	-0.007615	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-2.43	-0.003439	±2.5	PASS

Band17	5MHz	16QAM	23755	25RB#0	NV	50	3.42	0.004841	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-22.04	-0.031042	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-19.87	-0.027986	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-18.02	-0.025380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-16.79	-0.023648	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-15.13	-0.021310	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-11.36	-0.016000	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-13.05	-0.018380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-14.71	-0.020718	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	-15.59	-0.021958	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-15.56	-0.021808	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-13.25	-0.018570	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-11.79	-0.016524	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-11.82	-0.016566	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-10.71	-0.015011	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-13.83	-0.019383	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-15.55	-0.021794	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-13.53	-0.018963	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-12.99	-0.018206	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	15.94	0.022482	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	19.20	0.027080	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	21.39	0.030169	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	25.35	0.035755	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	27.45	0.038717	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	28.30	0.039915	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	29.10	0.041044	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	21.04	0.029676	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	7.93	0.011185	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	2.68	0.003775	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	2.95	0.004155	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	4.39	0.006183	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	5.14	0.007239	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	3.68	0.005183	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-3.03	-0.004268	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-3.36	-0.004732	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-2.37	-0.003338	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	2.50	0.003521	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-8.07	-0.011350	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-11.72	-0.016484	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-14.06	-0.019775	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-23.86	-0.033558	±2.5	PASS

Band17	10MHz	QPSK	23800	50RB#0	NV	10	-30.23	-0.042518	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-35.16	-0.049451	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-35.39	-0.049775	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-36.84	-0.051814	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-35.06	-0.049311	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	8.88	0.012525	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	12.49	0.017616	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	17.05	0.024048	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	20.48	0.028886	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	23.26	0.032807	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	25.36	0.035769	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	25.96	0.036615	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	26.76	0.037743	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	29.57	0.041707	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	11.74	0.016535	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	11.29	0.015901	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	6.19	0.008718	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	5.91	0.008324	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	7.88	0.011099	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	9.20	0.012958	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	11.89	0.016746	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	15.51	0.021845	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	15.56	0.021915	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-8.64	-0.012152	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-22.67	-0.031885	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-36.58	-0.051449	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-45.68	-0.064248	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-45.69	-0.064262	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-42.54	-0.059831	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-41.80	-0.058790	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-37.29	-0.052447	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-34.30	-0.048242	±2.5	PASS