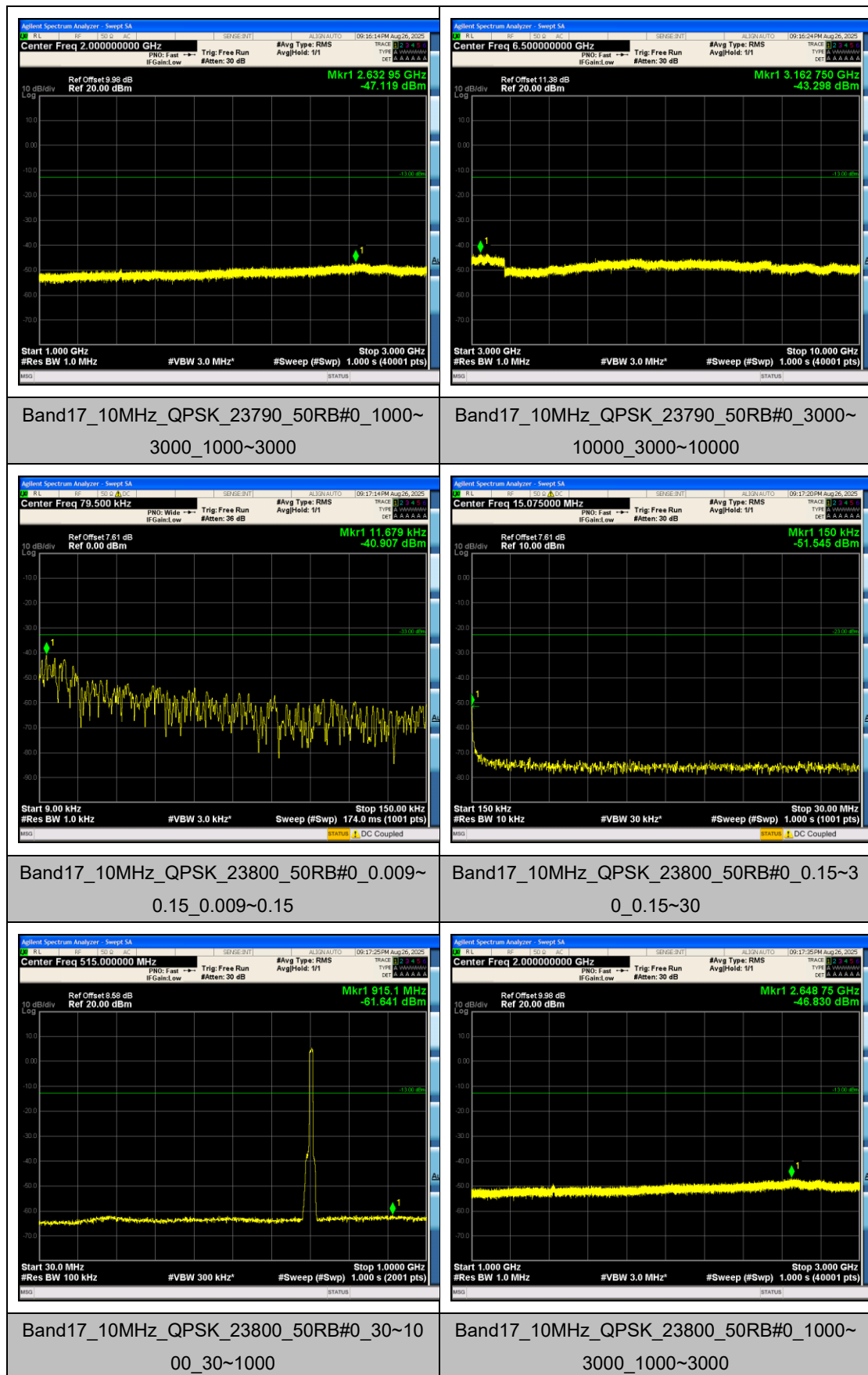
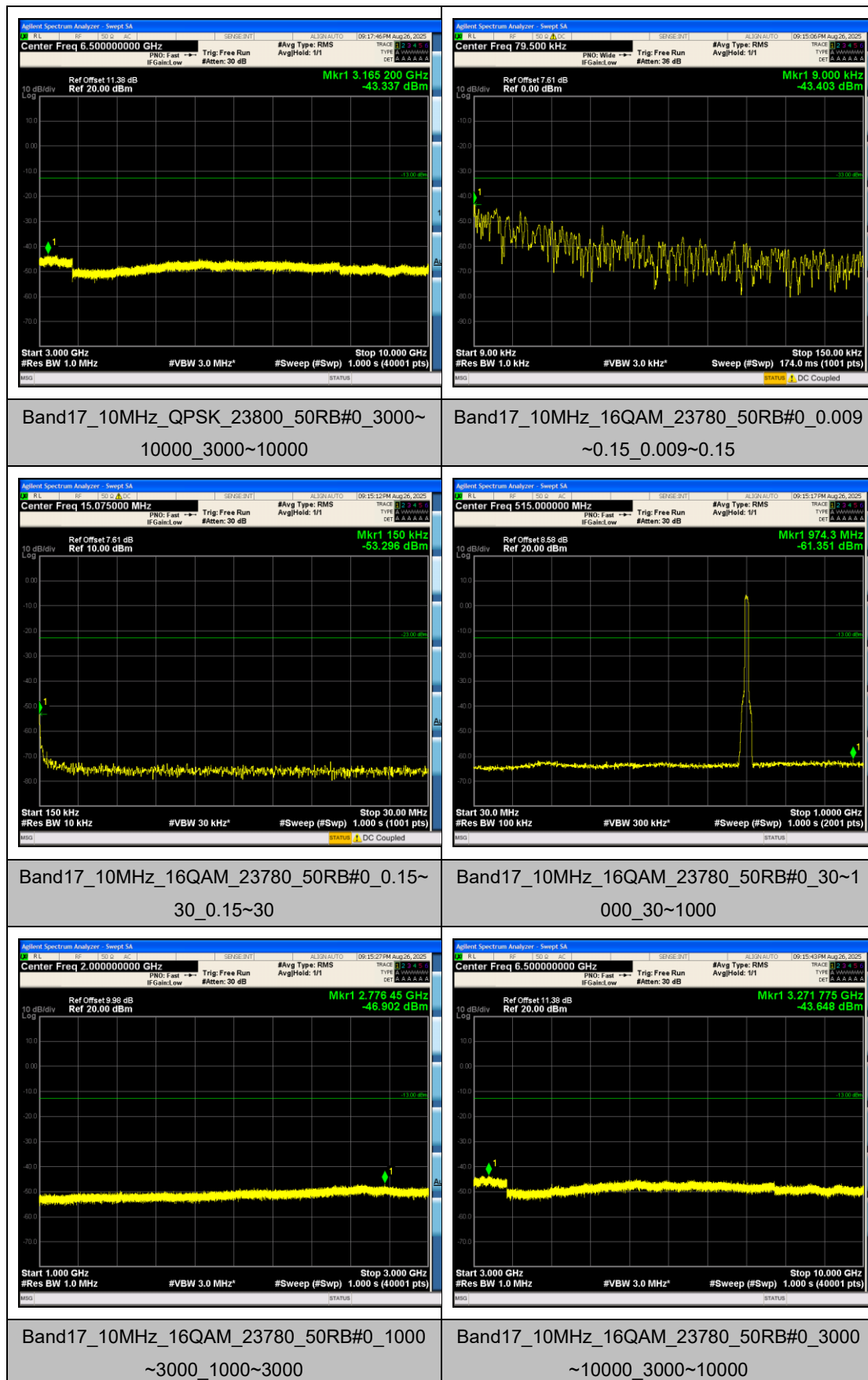
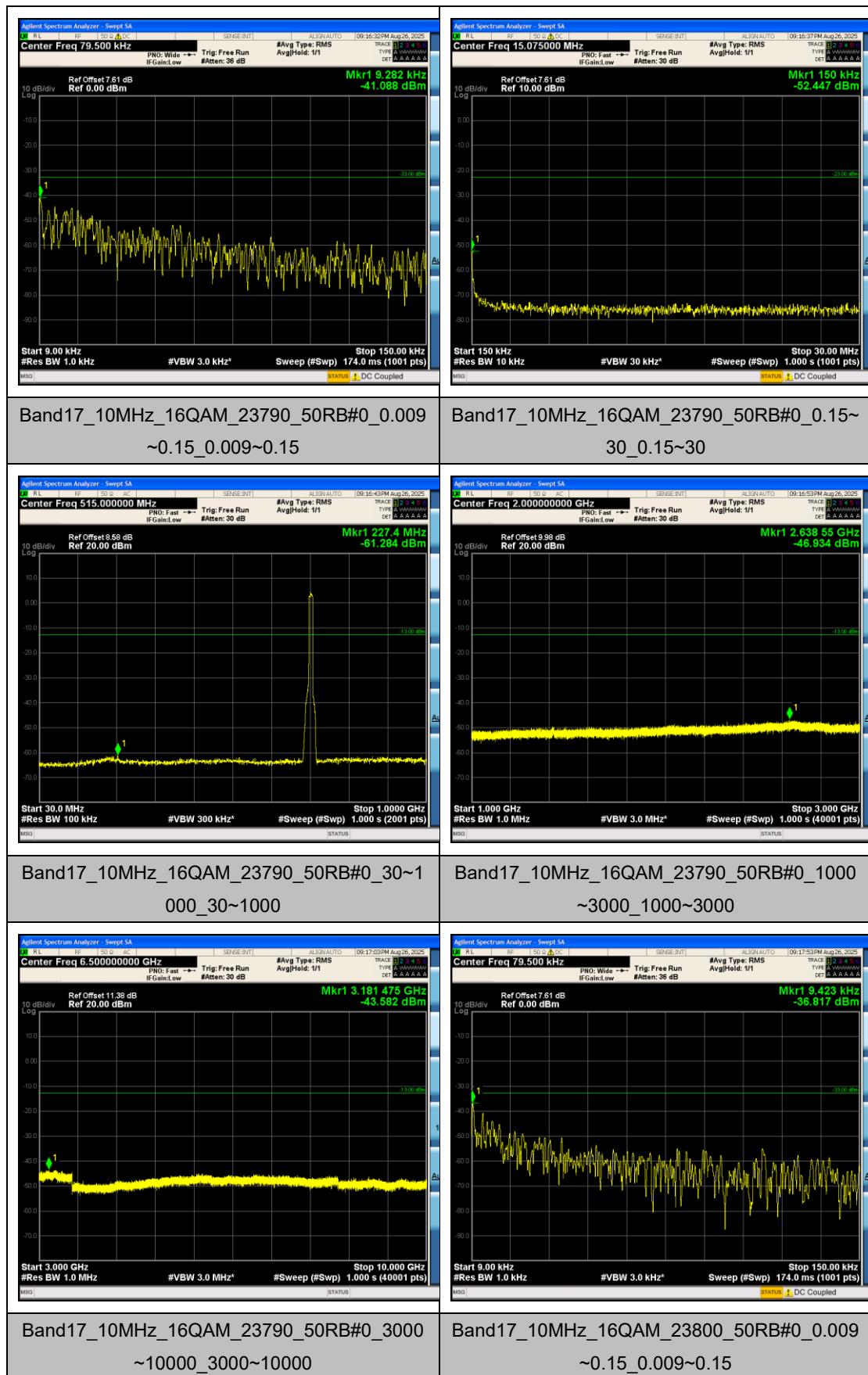
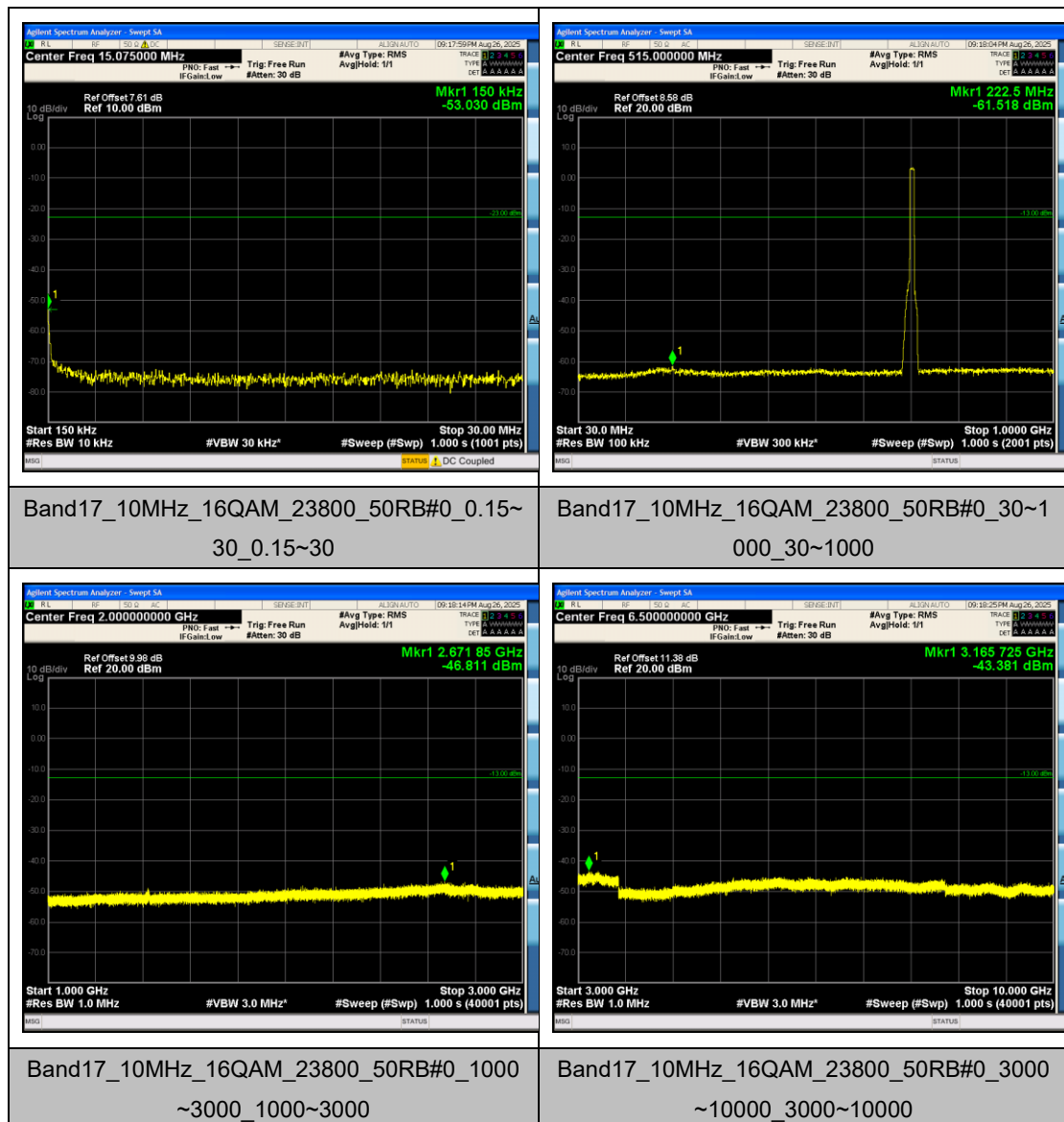










Appendix F: Frequency Stability

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	2.26	0.003199	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-2.50	-0.003539	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-1.53	-0.002166	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-3.69	-0.005223	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-1.72	-0.002435	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	1.83	0.002590	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	2.27	0.003213	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-1.39	-0.001967	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-2.19	-0.003100	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	2.23	0.003141	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	2.98	0.004197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	2.78	0.003915	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	3.78	0.005324	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	3.58	0.005042	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	2.65	0.003732	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	2.30	0.003239	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	4.68	0.006592	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	2.85	0.004014	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	4.19	0.005872	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	3.68	0.005158	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	2.76	0.003868	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	2.36	0.003308	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	1.79	0.002509	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	2.93	0.004107	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	1.00	0.001402	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	1.92	0.002691	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	2.16	0.003027	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	2.10	0.002972	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-3.40	-0.004812	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-1.99	-0.002817	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	1.72	0.002435	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	2.55	0.003609	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	1.39	0.001967	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	2.25	0.003185	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-1.59	-0.002251	±2.5	PASS

Band17	5MHz	16QAM	23755	25RB#0	NV	50	-1.73	-0.002449	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	3.30	0.004648	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	2.33	0.003282	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	3.33	0.004690	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	3.36	0.004732	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	3.25	0.004577	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	5.62	0.007915	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	4.26	0.006000	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	5.14	0.007239	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	4.01	0.005648	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	2.42	0.003392	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	1.49	0.002088	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	1.67	0.002341	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	0.93	0.001303	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	2.69	0.003770	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	2.85	0.003994	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	3.55	0.004975	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	3.05	0.004275	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	1.66	0.002327	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	2.06	0.002906	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-2.13	-0.003004	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	2.02	0.002849	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	2.75	0.003879	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	2.19	0.003089	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	1.80	0.002539	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	3.40	0.004795	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	2.53	0.003568	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-3.45	-0.004866	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	2.22	0.003127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	4.13	0.005817	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	1.75	0.002465	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	2.92	0.004113	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-2.22	-0.003127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-2.59	-0.003648	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	1.95	0.002746	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-2.63	-0.003704	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	3.03	0.004268	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-2.22	-0.003122	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	1.87	0.002630	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-2.03	-0.002855	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	1.44	0.002025	±2.5	PASS

Band17	10MHz	QPSK	23800	50RB#0	NV	10	-2.30	-0.003235	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	1.04	0.001463	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-2.07	-0.002911	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-2.17	-0.003052	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-2.36	-0.003319	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-3.73	-0.005261	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	2.17	0.003061	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-2.13	-0.003004	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	1.85	0.002609	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-2.22	-0.003131	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-1.22	-0.001721	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-2.85	-0.004020	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-2.20	-0.003103	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-2.05	-0.002891	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	2.78	0.003915	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	3.38	0.004761	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	2.26	0.003183	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	2.62	0.003690	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	2.40	0.003380	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	1.42	0.002000	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	2.76	0.003887	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	2.29	0.003225	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	2.42	0.003408	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-2.76	-0.003882	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-2.07	-0.002911	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	1.80	0.002532	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.37	-0.003333	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-2.46	-0.003460	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	1.39	0.001955	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-1.96	-0.002757	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-3.08	-0.004332	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	1.53	0.002152	±2.5	PASS