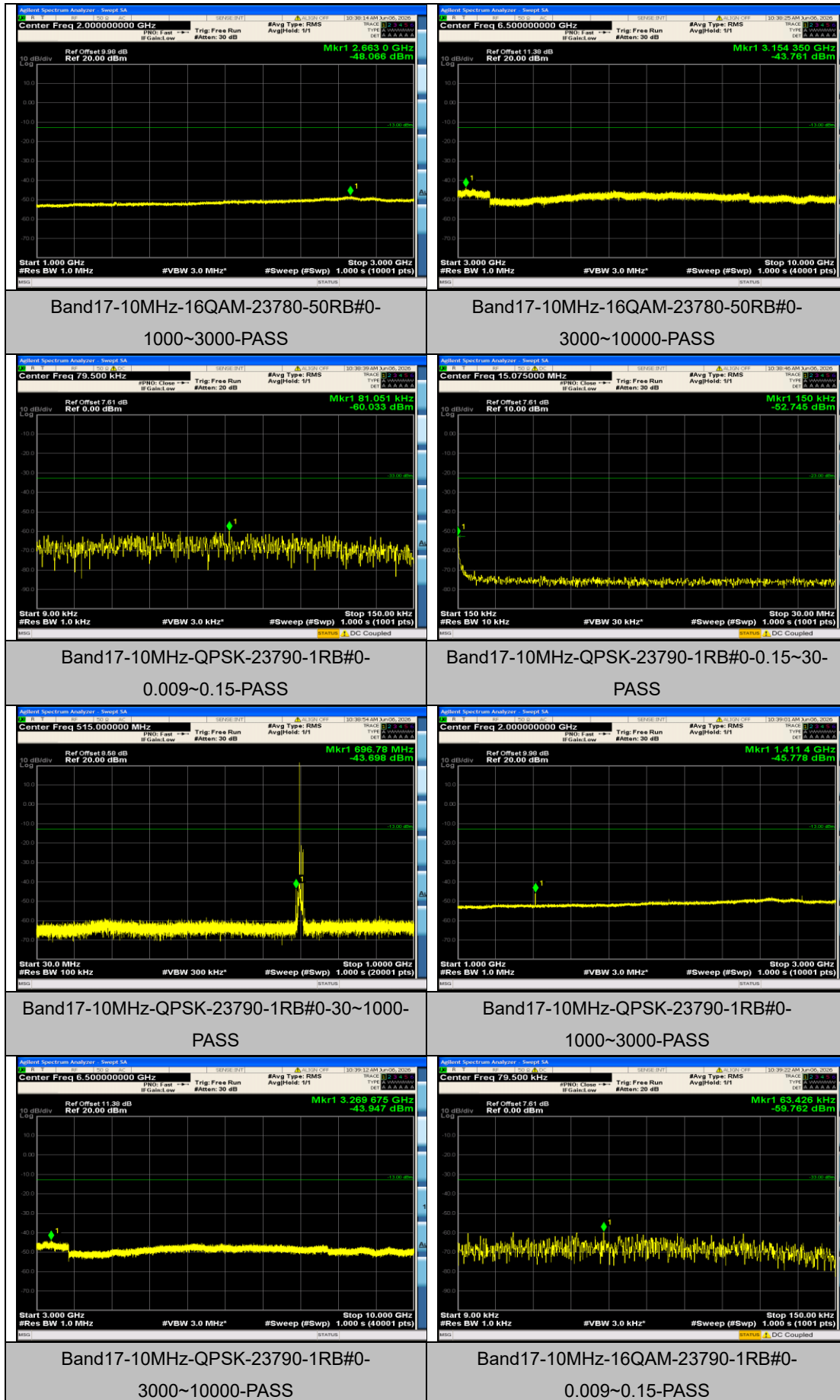
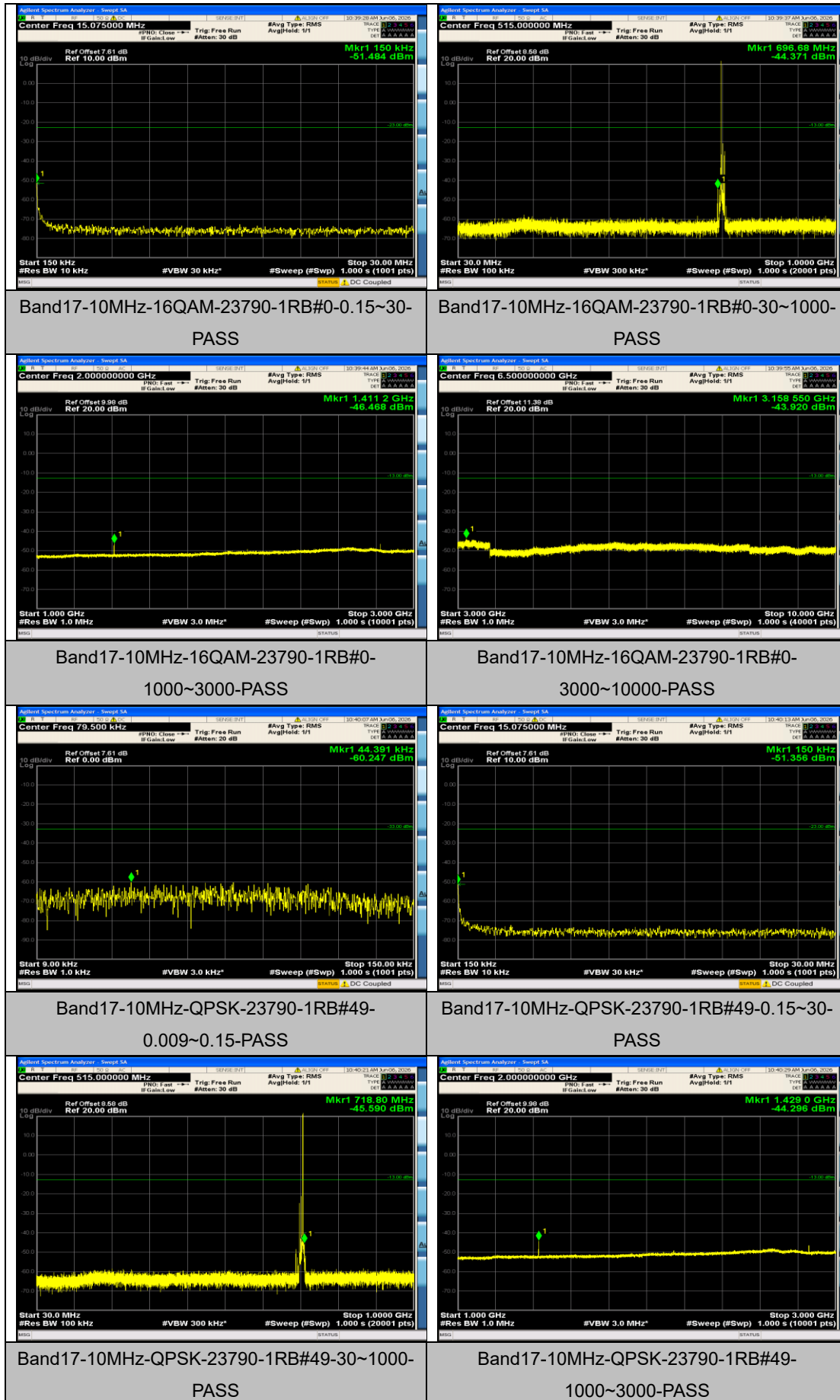
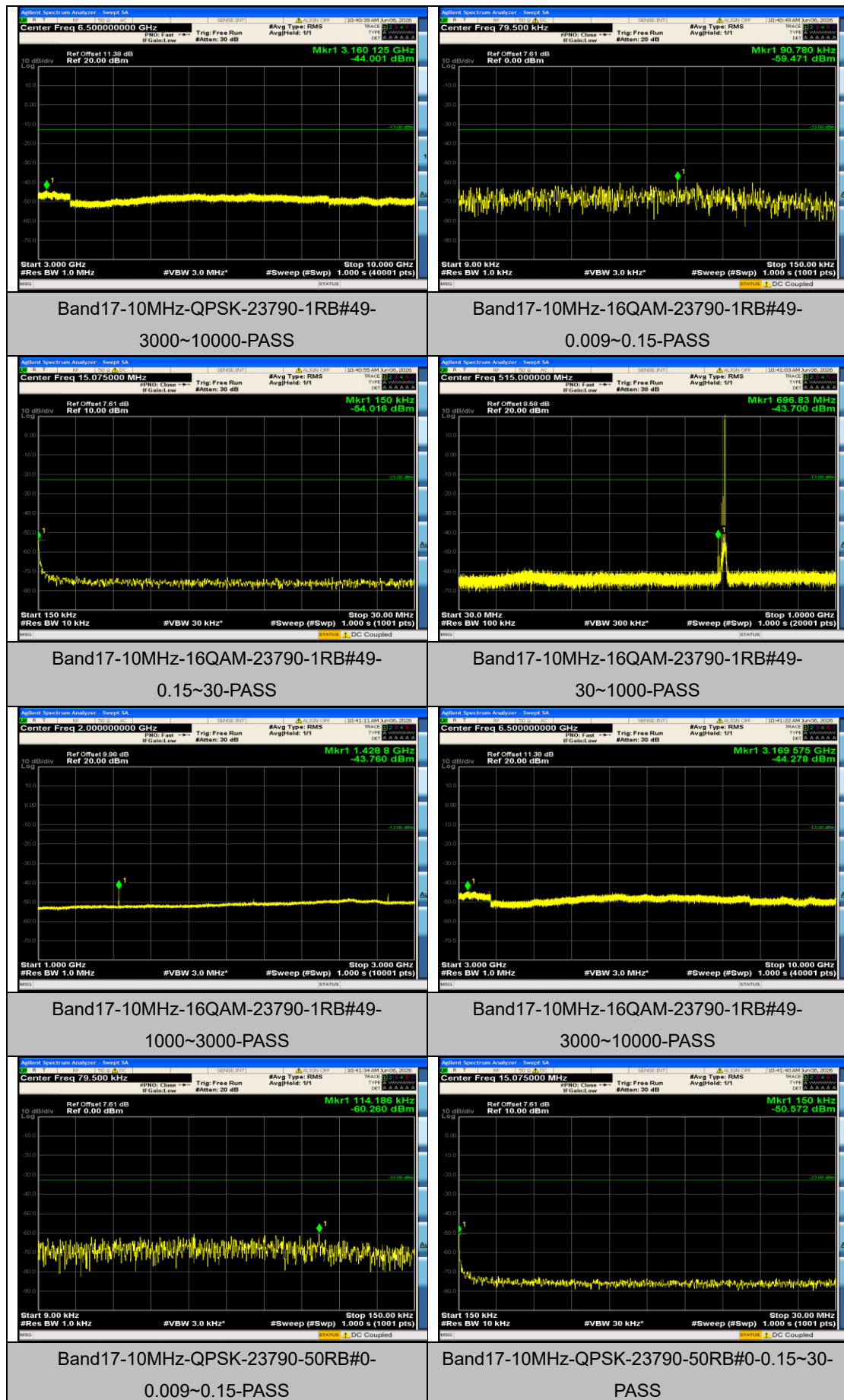
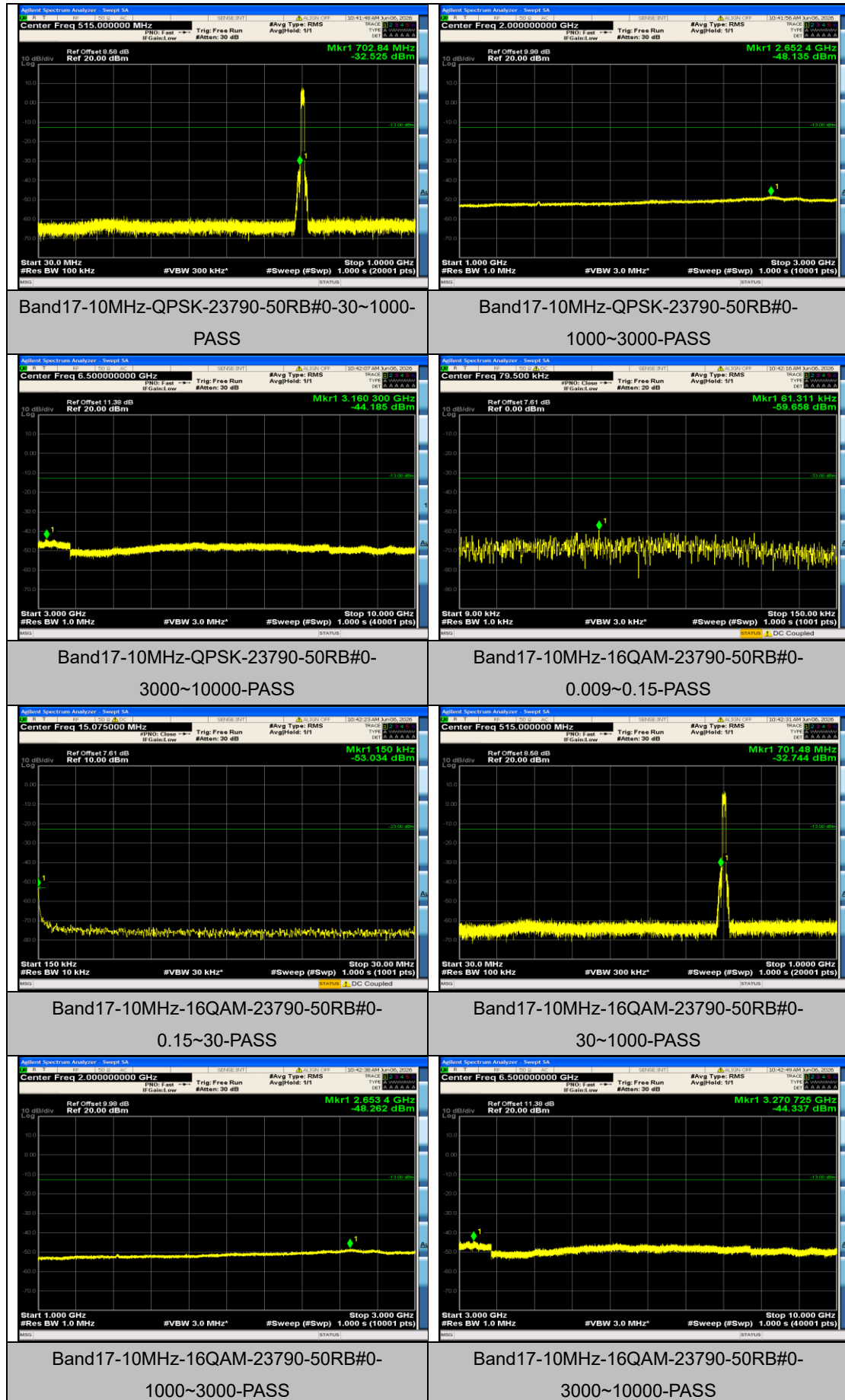
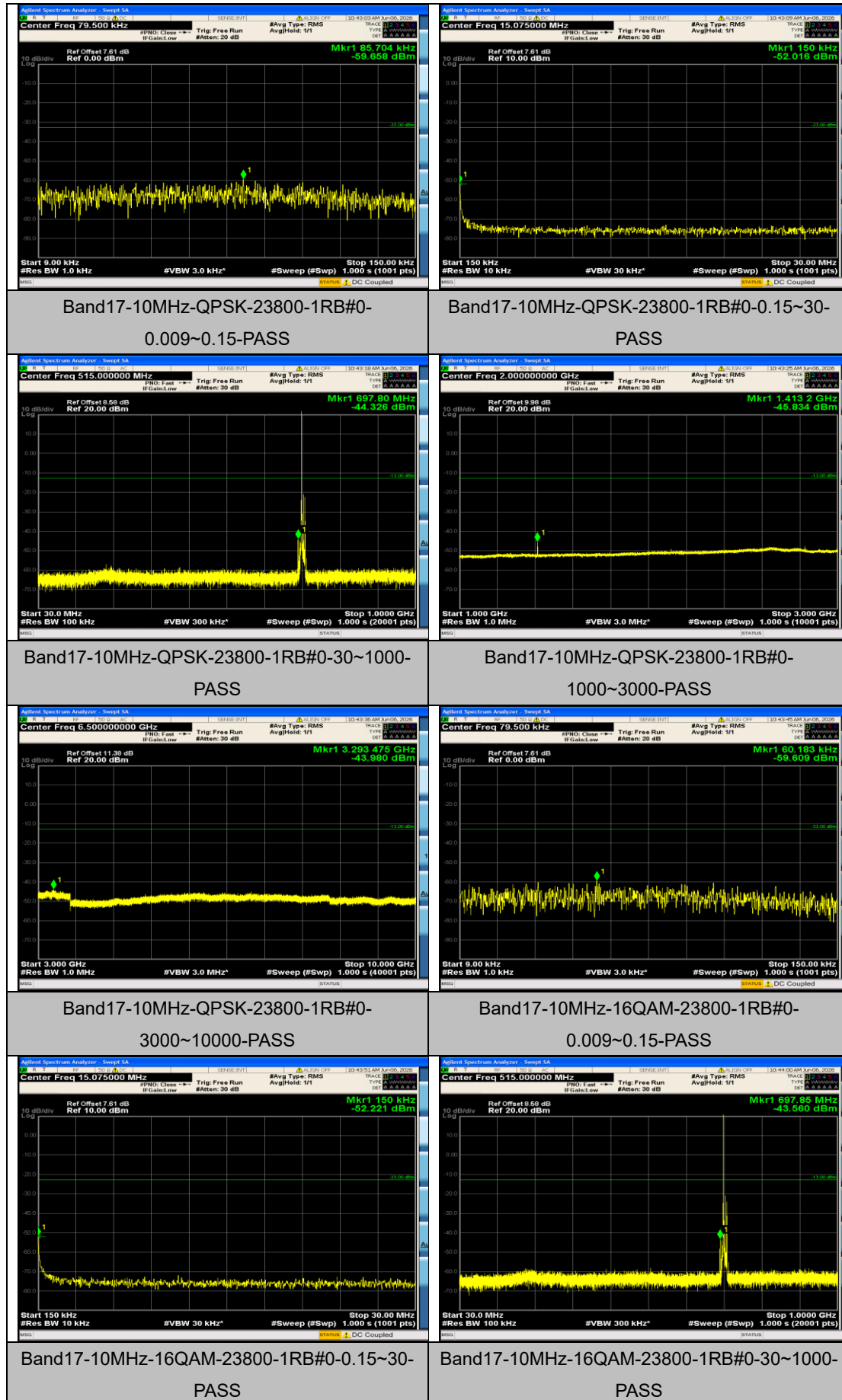


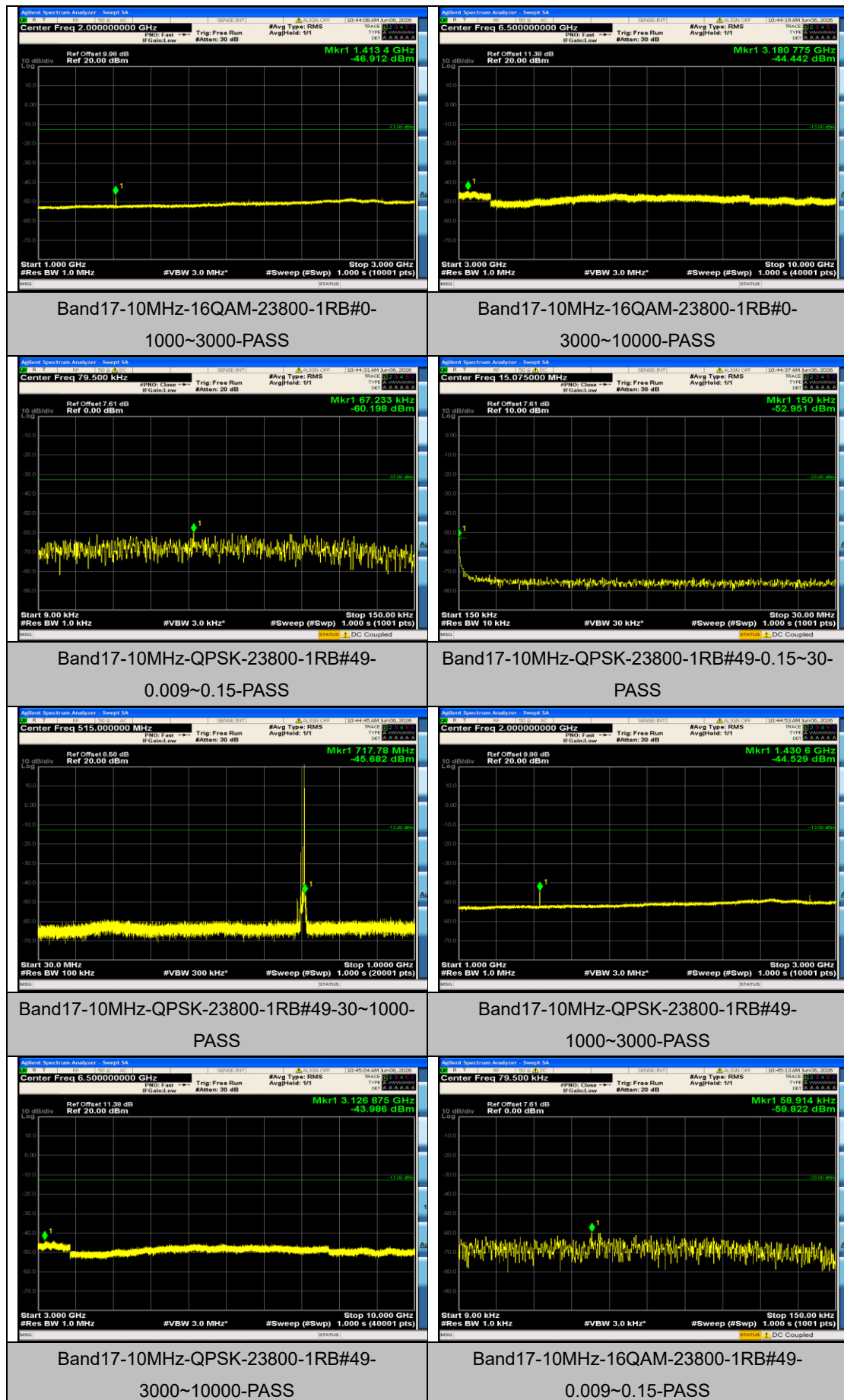


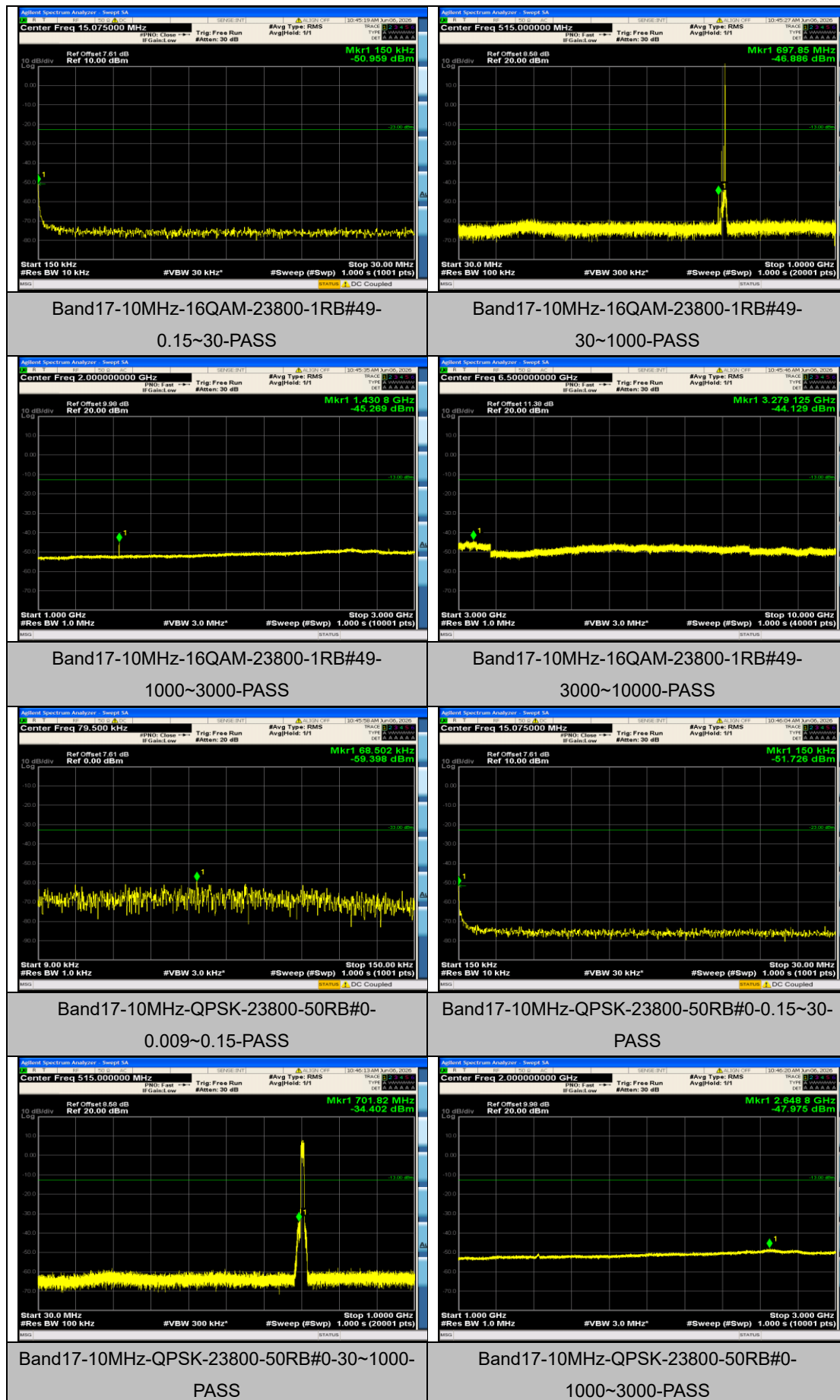


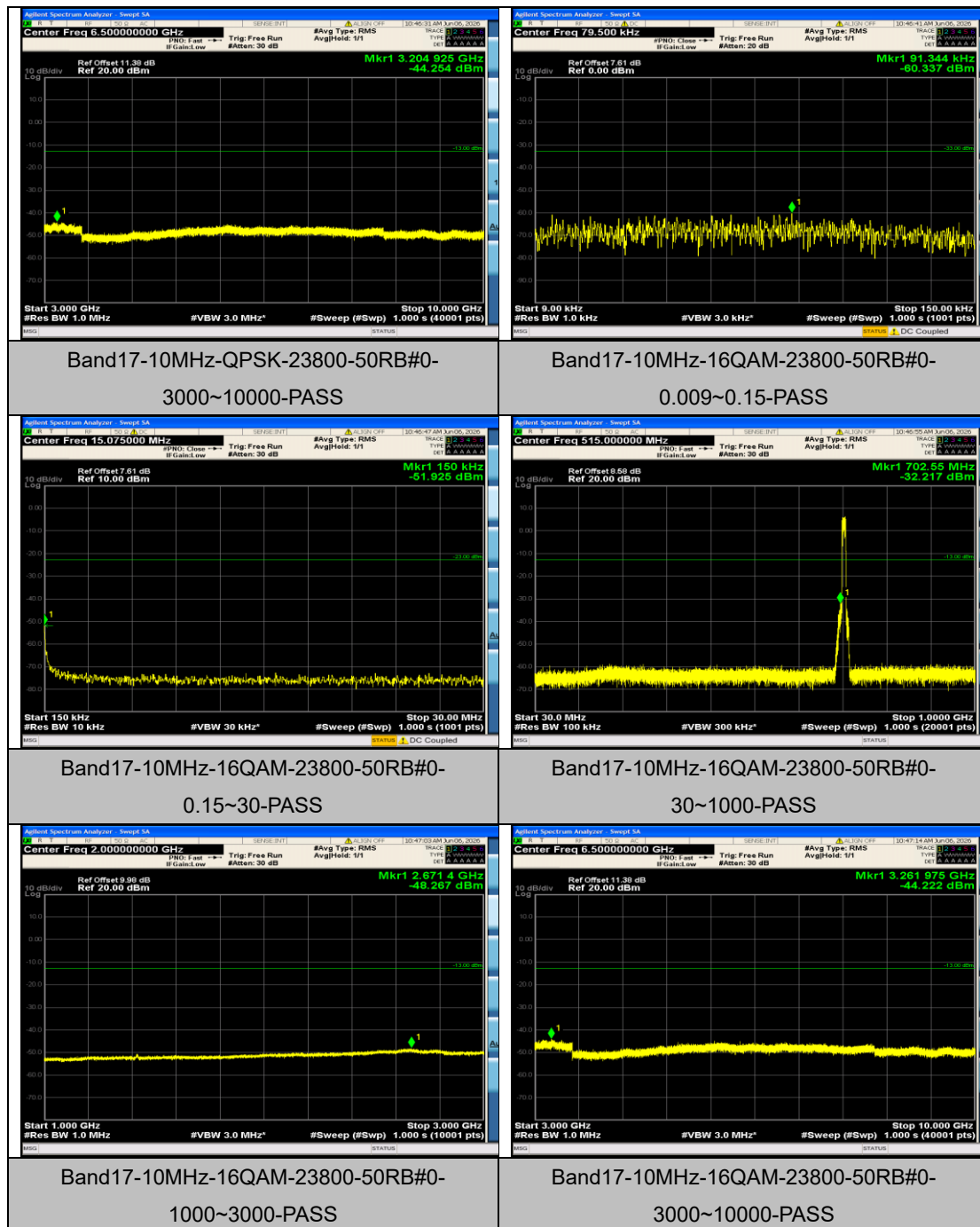












Appendix F: Frequency Stability

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	-2.00	-0.002831	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-3.92	-0.005548	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-3.81	-0.005393	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-5.24	-0.007417	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-2.60	-0.003680	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-6.77	-0.009582	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-6.72	-0.009512	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	-2.75	-0.003892	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-3.30	-0.004671	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-3.71	-0.005251	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-4.91	-0.006950	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-5.26	-0.007445	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-4.41	-0.006242	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-2.59	-0.003666	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-3.73	-0.005280	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-4.66	-0.006596	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-5.88	-0.008323	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	50	-3.69	-0.005223	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-4.32	-0.006085	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-5.21	-0.007338	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	-5.94	-0.008366	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-7.74	-0.010901	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-5.78	-0.008141	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-8.98	-0.012648	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	-4.61	-0.006493	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	-5.45	-0.007676	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	-7.74	-0.010901	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-4.72	-0.006648	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-2.22	-0.003127	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	-5.61	-0.007901	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-4.09	-0.005761	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-3.66	-0.005155	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-3.49	-0.004915	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	-1.77	-0.002493	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	-5.78	-0.008141	±2.5	PASS

Band17	5MHz	16QAM	23790	25RB#0	NV	50	-3.95	-0.005563	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	3.35	0.004695	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-3.30	-0.004625	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	-1.90	-0.002663	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-6.35	-0.008900	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-5.72	-0.008017	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-4.48	-0.006279	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	-4.35	-0.006097	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	-4.69	-0.006573	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	-2.63	-0.003686	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-1.57	-0.002200	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-3.36	-0.004709	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	-7.72	-0.010820	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-3.69	-0.005172	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-6.94	-0.009727	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-3.99	-0.005592	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	-5.14	-0.007204	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-2.72	-0.003812	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	-5.76	-0.008073	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-3.73	-0.005261	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-5.18	-0.007306	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	-3.56	-0.005021	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	3.36	0.004739	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-6.94	-0.009788	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-2.92	-0.004118	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-5.62	-0.007927	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-2.66	-0.003752	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-5.05	-0.007123	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-5.85	-0.008251	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-8.93	-0.012595	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-2.83	-0.003992	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-9.00	-0.012694	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	1.63	0.002299	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-8.51	-0.012003	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-9.00	-0.012694	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	-7.08	-0.009986	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-4.78	-0.006742	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-7.52	-0.010592	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-6.62	-0.009324	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	-3.73	-0.005254	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-8.43	-0.011873	±2.5	PASS

Band17	10MHz	QPSK	23790	50RB#0	NV	10	-2.37	-0.003338	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-7.30	-0.010282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	-3.46	-0.004873	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-5.66	-0.007972	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	-6.37	-0.008972	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-5.52	-0.007775	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-6.07	-0.008549	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-3.40	-0.004789	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-5.51	-0.007761	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-9.01	-0.012690	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-8.54	-0.012028	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-2.59	-0.003648	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	-5.34	-0.007521	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-6.48	-0.009127	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-6.78	-0.009536	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-7.65	-0.010759	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-5.45	-0.007665	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-5.31	-0.007468	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-1.83	-0.002574	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	2.32	0.003263	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-4.94	-0.006948	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-3.33	-0.004684	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-6.24	-0.008776	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-3.79	-0.005331	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-4.45	-0.006259	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-3.55	-0.004993	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-3.10	-0.004360	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-7.67	-0.010788	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-5.58	-0.007848	±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	-8.38	-0.011786	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-9.43	-0.013263	±2.5	PASS