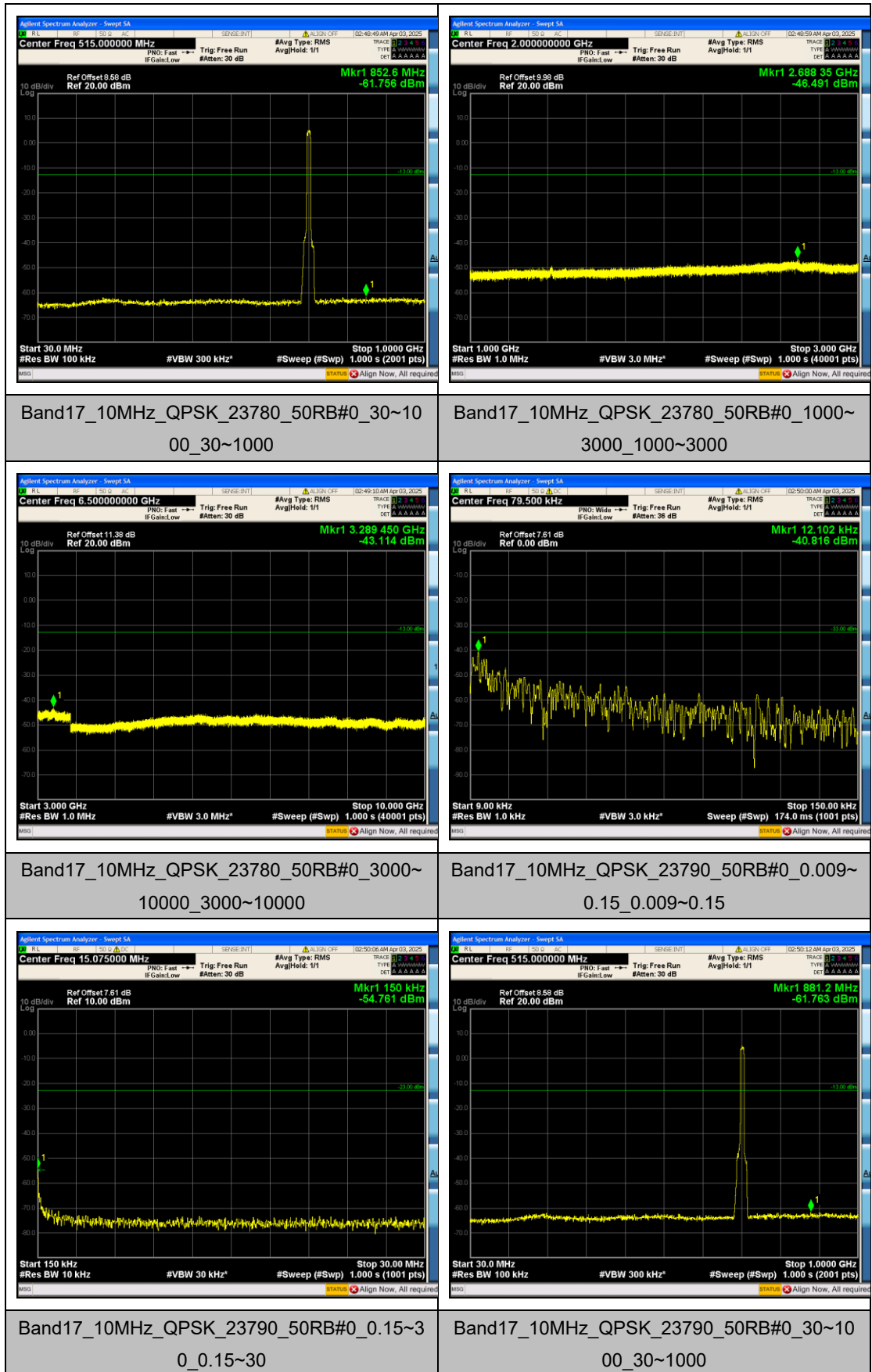
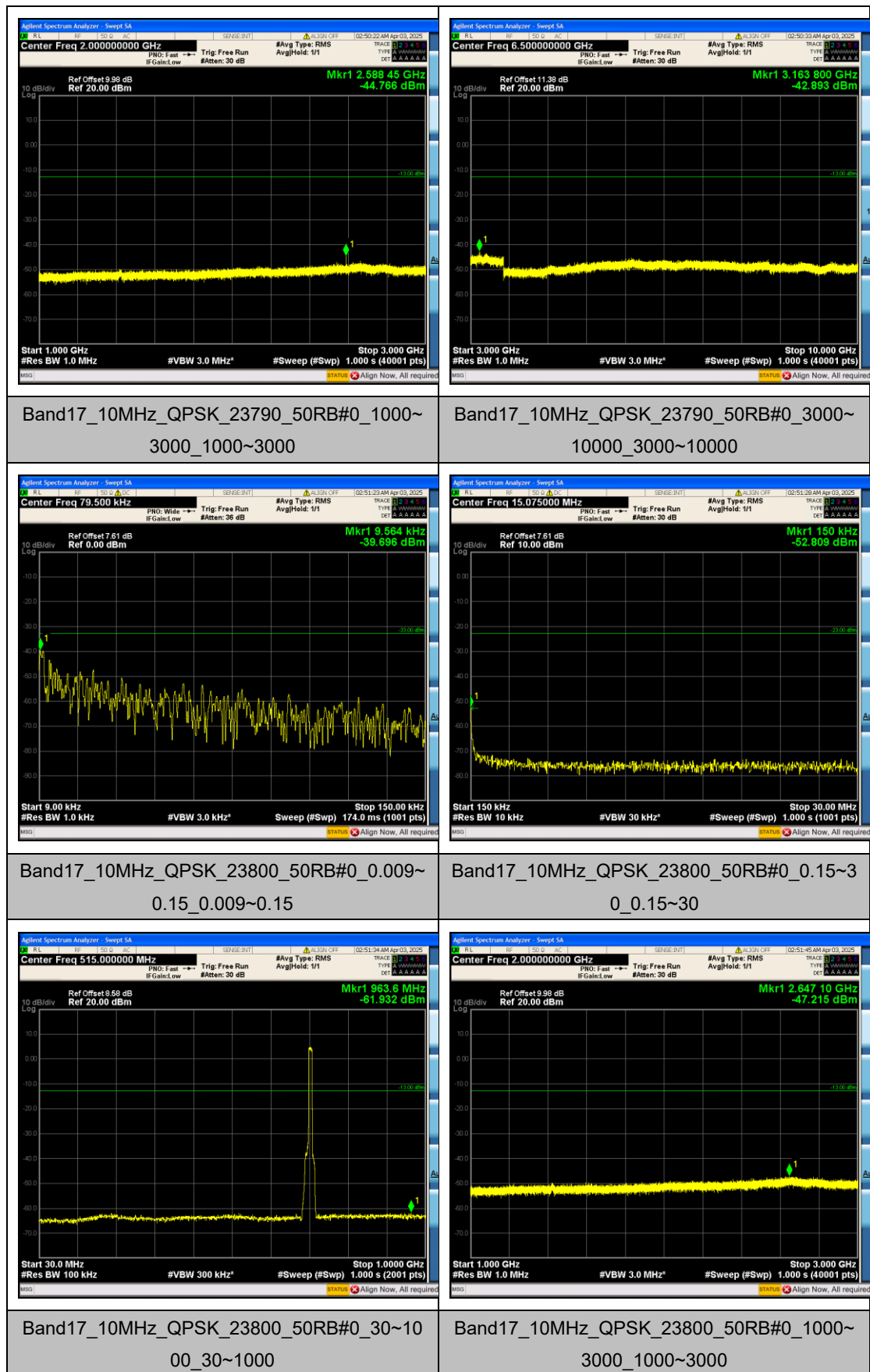
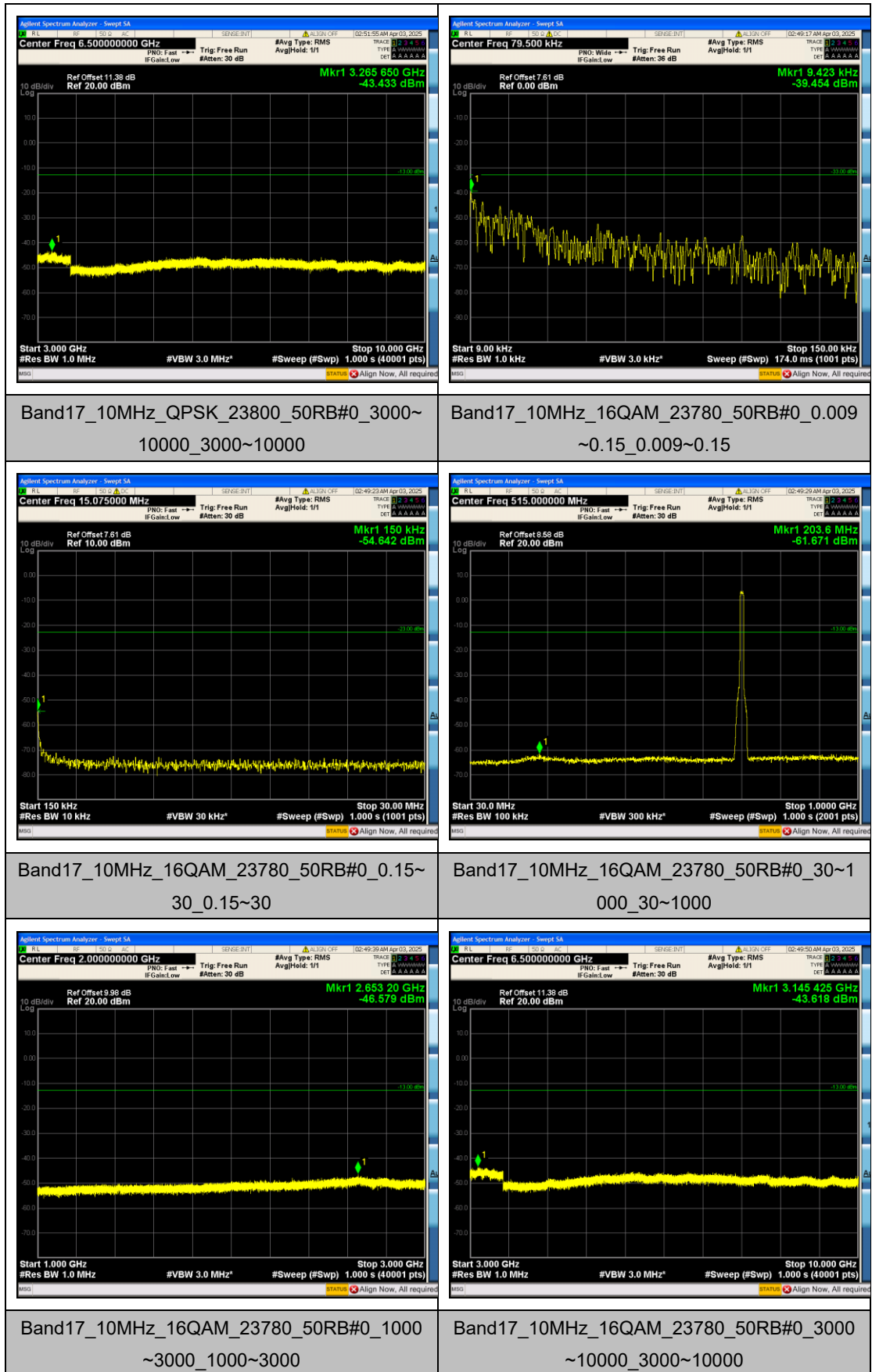
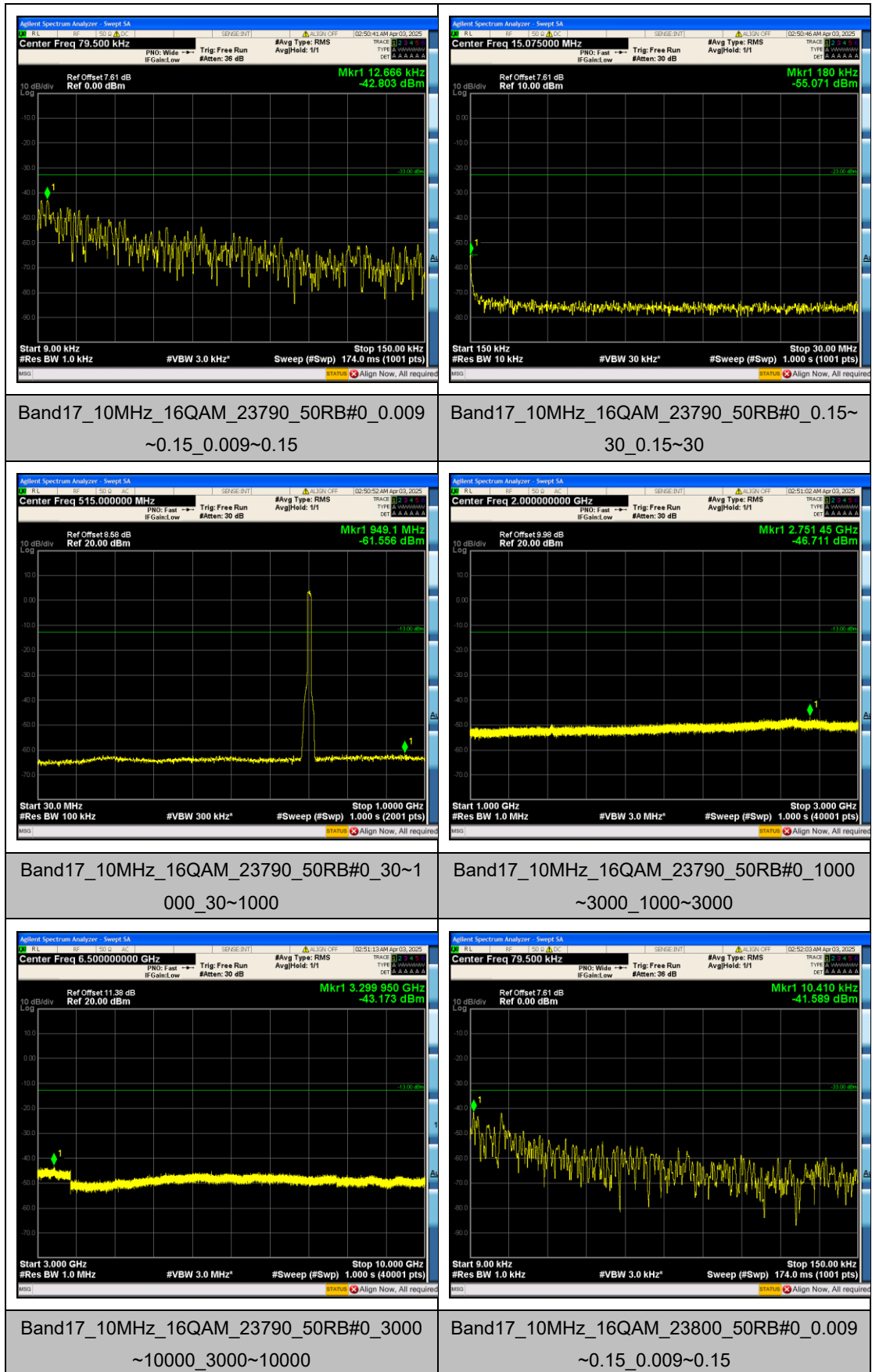
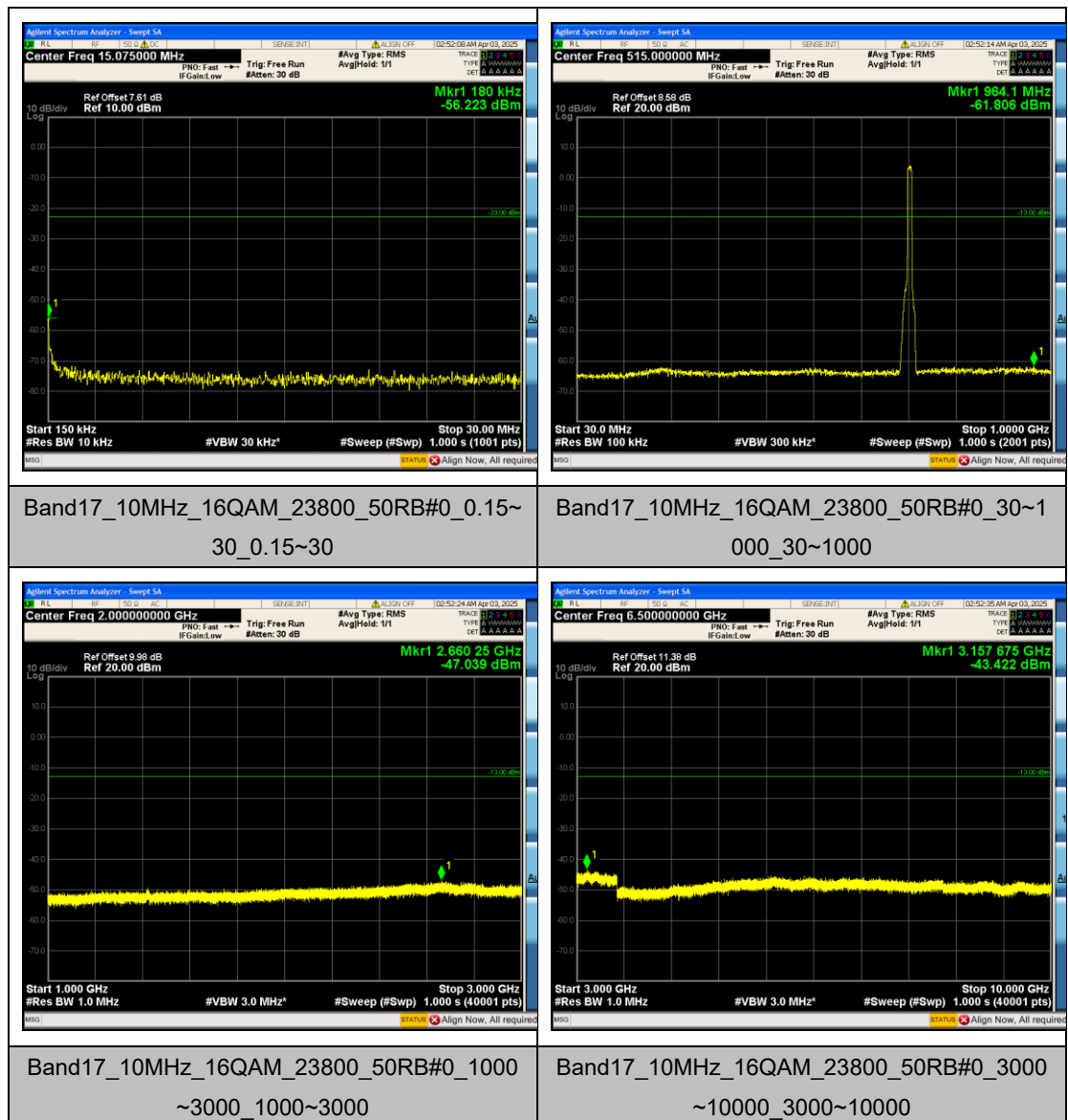












Appendix F: Frequency Stability

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	-2.23	-0.003156	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	1.43	0.002024	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-10	-1.03	-0.001458	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-1.69	-0.002392	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-4.21	-0.005959	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-3.18	-0.004501	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	30	-3.15	-0.004459	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	40	1.40	0.001982	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	50	-3.43	-0.004855	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	3.79	0.005338	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	4.52	0.006366	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-10	3.45	0.004859	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	3.69	0.005197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	3.83	0.005394	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	4.51	0.006352	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	30	5.82	0.008197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	40	5.41	0.007620	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	50	3.16	0.004451	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	2.05	0.002873	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	1.42	0.001990	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-10	3.02	0.004233	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	2.32	0.003252	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	3.53	0.004947	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	4.13	0.005788	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	30	2.12	0.002971	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	40	4.28	0.005999	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	50	1.87	0.002621	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	1.33	0.001883	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-1.92	-0.002718	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-10	-1.32	-0.001868	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-1.63	-0.002307	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-3.22	-0.004558	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-1.24	-0.001755	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	30	-1.65	-0.002335	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	40	-2.33	-0.003298	±2.5	PASS

Band17	5MHz	16QAM	23755	25RB#0	NV	50	-2.07	-0.002930	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	3.20	0.004507	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	3.81	0.005366	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-10	2.40	0.003380	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-1.76	-0.002479	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	2.69	0.003789	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	2.29	0.003225	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	30	2.47	0.003479	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	40	1.53	0.002155	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	50	2.40	0.003380	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	3.50	0.004905	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	3.26	0.004569	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-10	2.86	0.004008	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	2.72	0.003812	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	3.81	0.005340	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	3.58	0.005018	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	30	3.36	0.004709	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	40	-2.86	-0.004008	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	50	1.00	0.001402	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	2.32	0.003272	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	1.85	0.002609	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-10	2.49	0.003512	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	3.18	0.004485	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-0.70	-0.000987	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	2.63	0.003709	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-2.17	-0.003061	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-3.15	-0.004443	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	50	2.33	0.003286	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	1.03	0.001451	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-2.35	-0.003310	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-10	3.39	0.004775	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	2.40	0.003380	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	2.98	0.004197	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	2.65	0.003732	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	30	1.90	0.002676	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	40	-1.20	-0.001690	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	50	1.50	0.002113	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-2.03	-0.002855	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-1.46	-0.002053	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-10	-2.07	-0.002911	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-2.49	-0.003502	±2.5	PASS

Band17	10MHz	QPSK	23800	50RB#0	NV	10	-1.76	-0.002475	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-2.68	-0.003769	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	30	-1.79	-0.002518	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	40	-2.59	-0.003643	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	50	-2.43	-0.003418	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-2.22	-0.003131	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	1.57	0.002214	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-10	-2.00	-0.002821	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	3.46	0.004880	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-3.46	-0.004880	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-1.80	-0.002539	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	30	-1.44	-0.002031	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	40	2.09	0.002948	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	50	-1.26	-0.001777	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	3.65	0.005141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-2.23	-0.003141	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-10	-1.33	-0.001873	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-2.30	-0.003239	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-1.50	-0.002113	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-1.92	-0.002704	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	30	-1.63	-0.002296	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	40	2.75	0.003873	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	50	-2.13	-0.003000	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-2.40	-0.003376	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-2.92	-0.004107	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-10	-4.49	-0.006315	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-3.06	-0.004304	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-1.77	-0.002489	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-2.23	-0.003136	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	30	-0.93	-0.001308	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	40	-3.59	-0.005049	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-1.99	-0.002799	±2.5	PASS