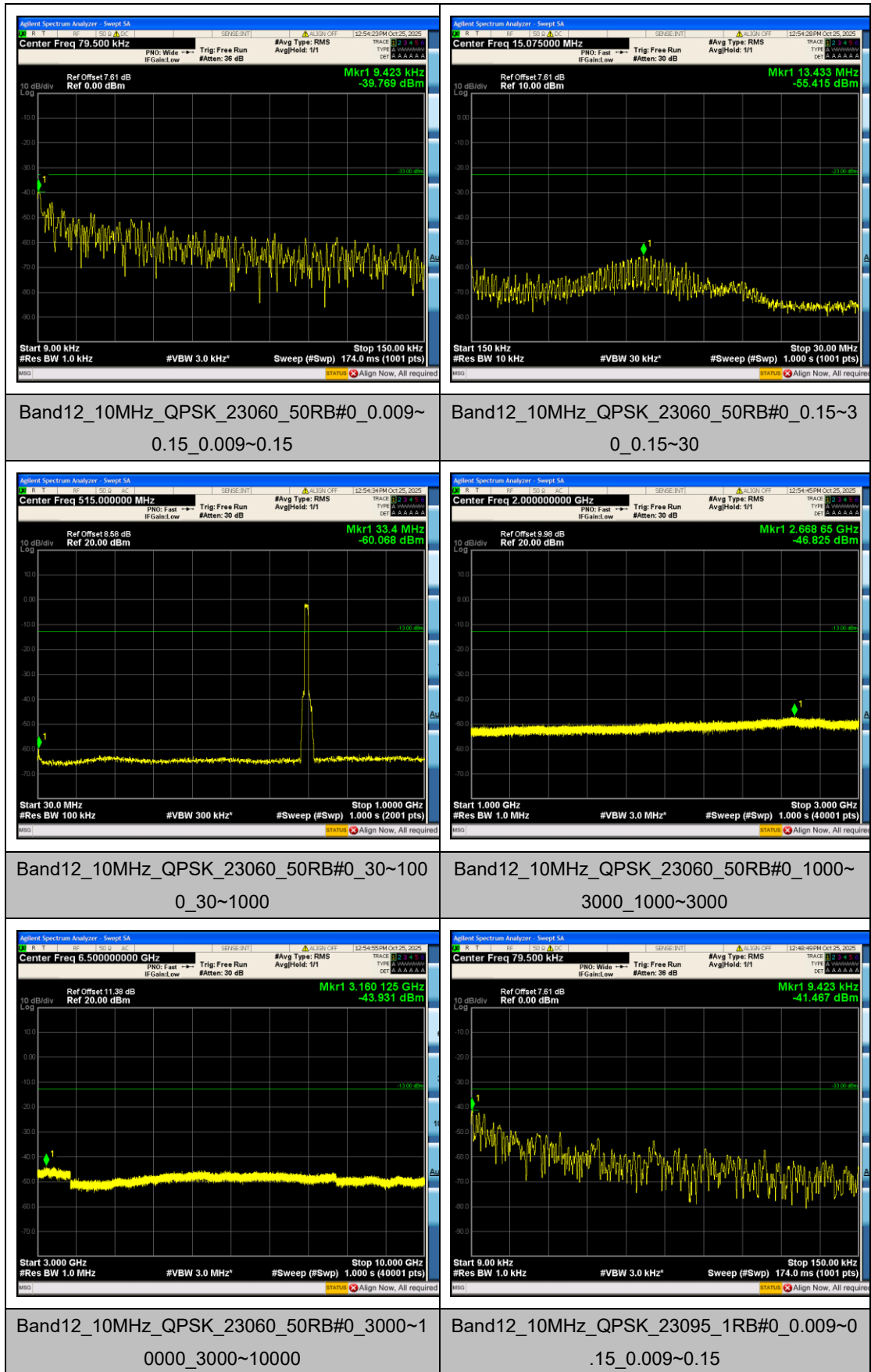
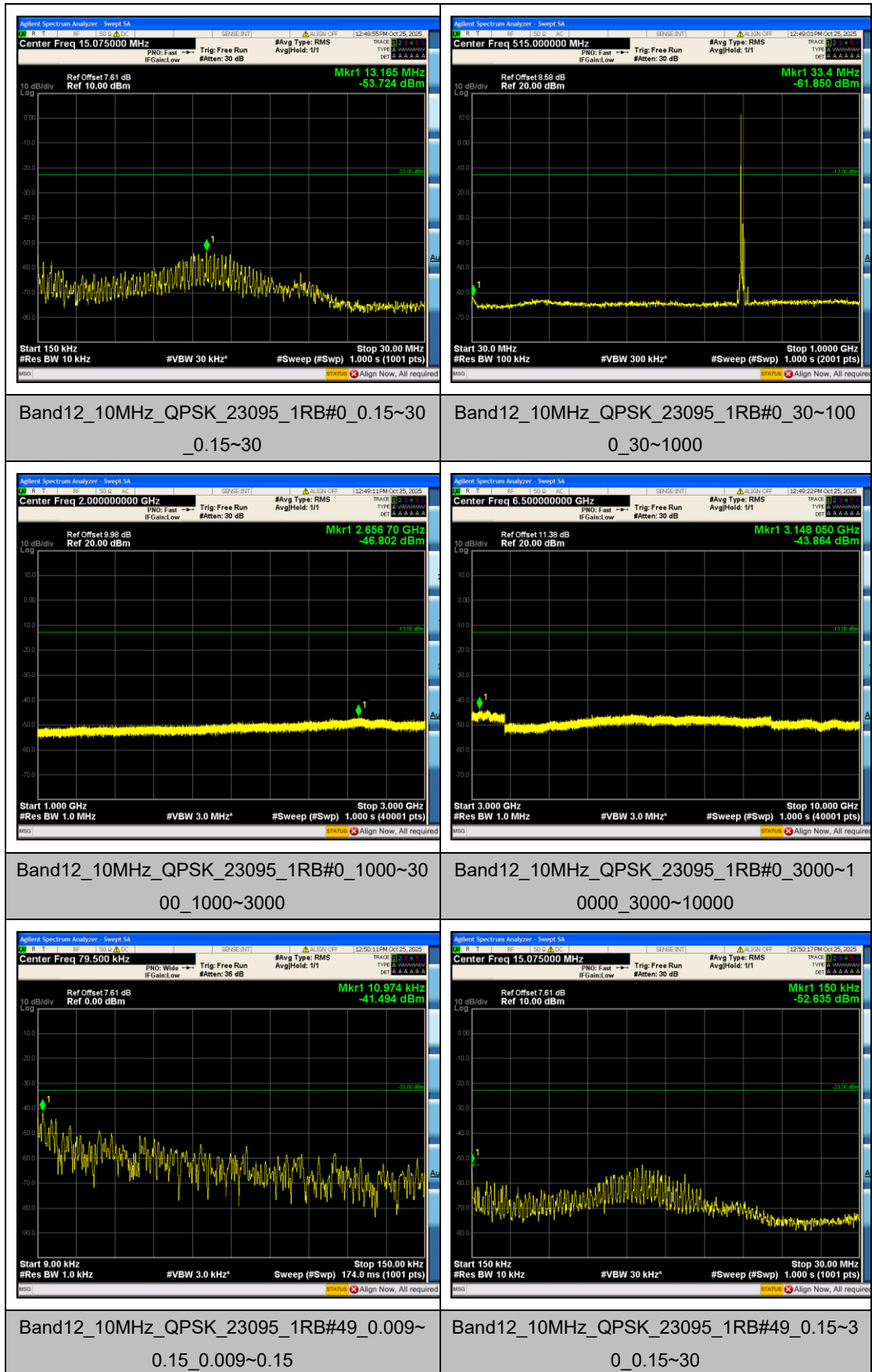
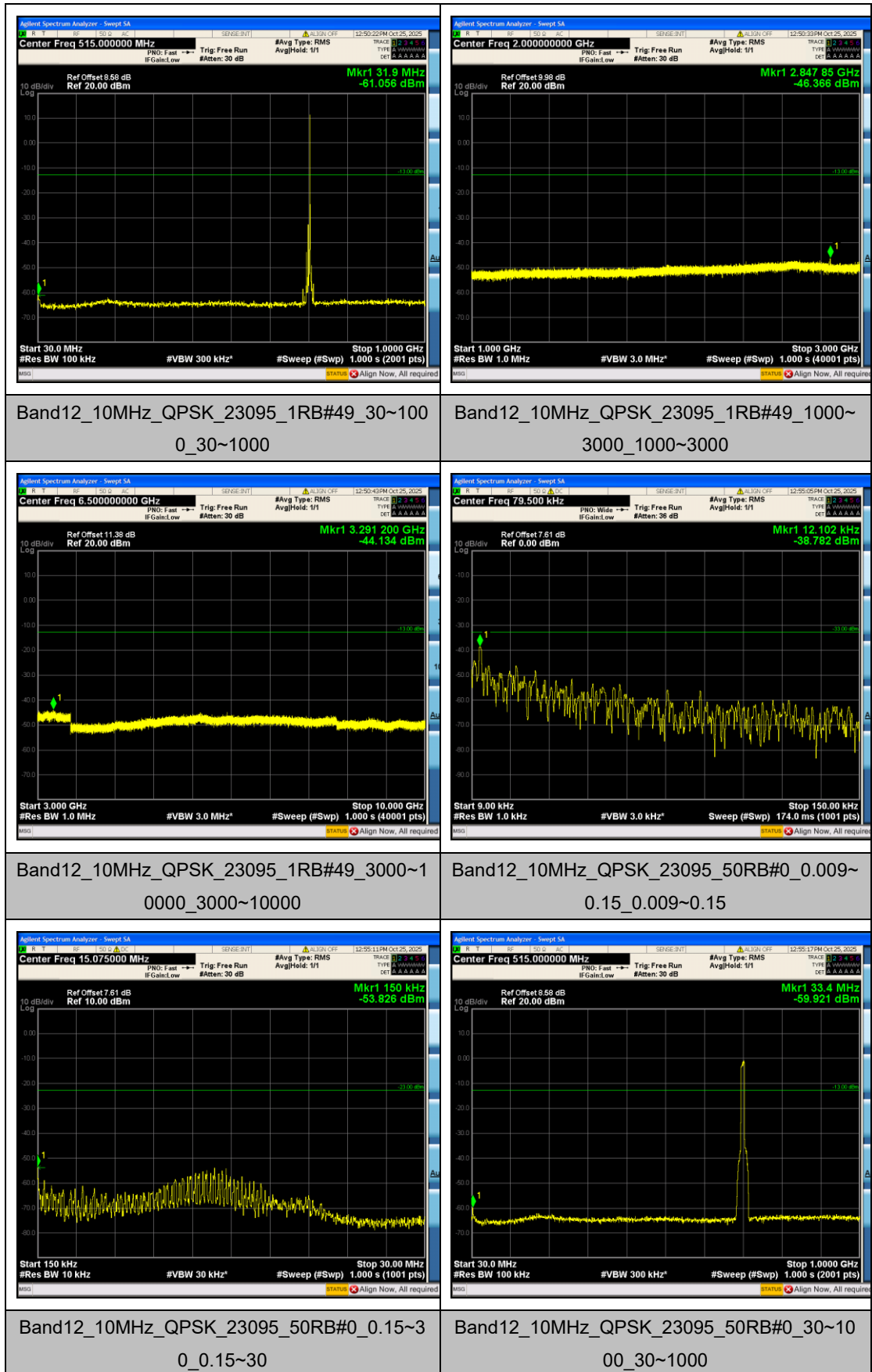
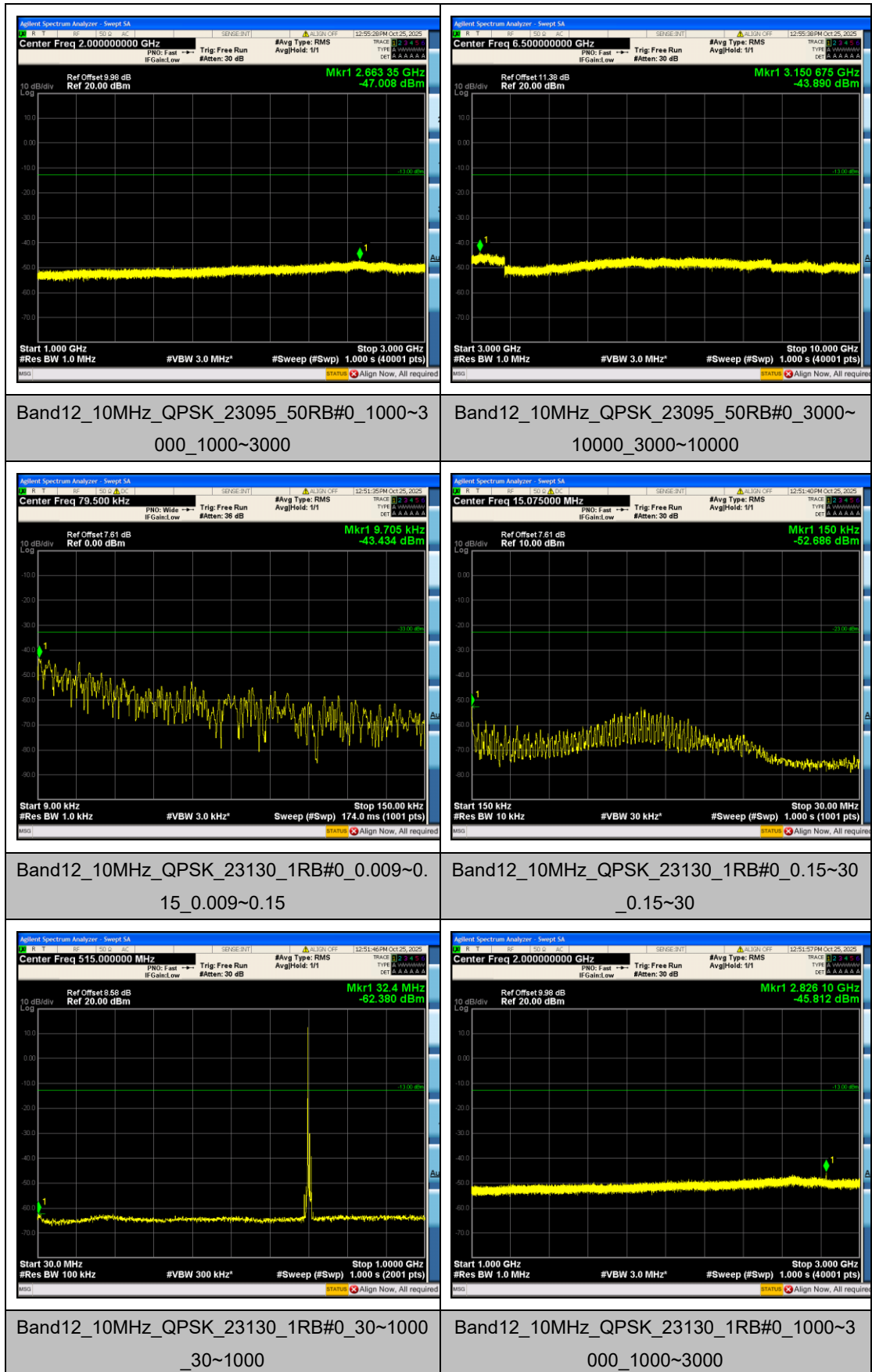
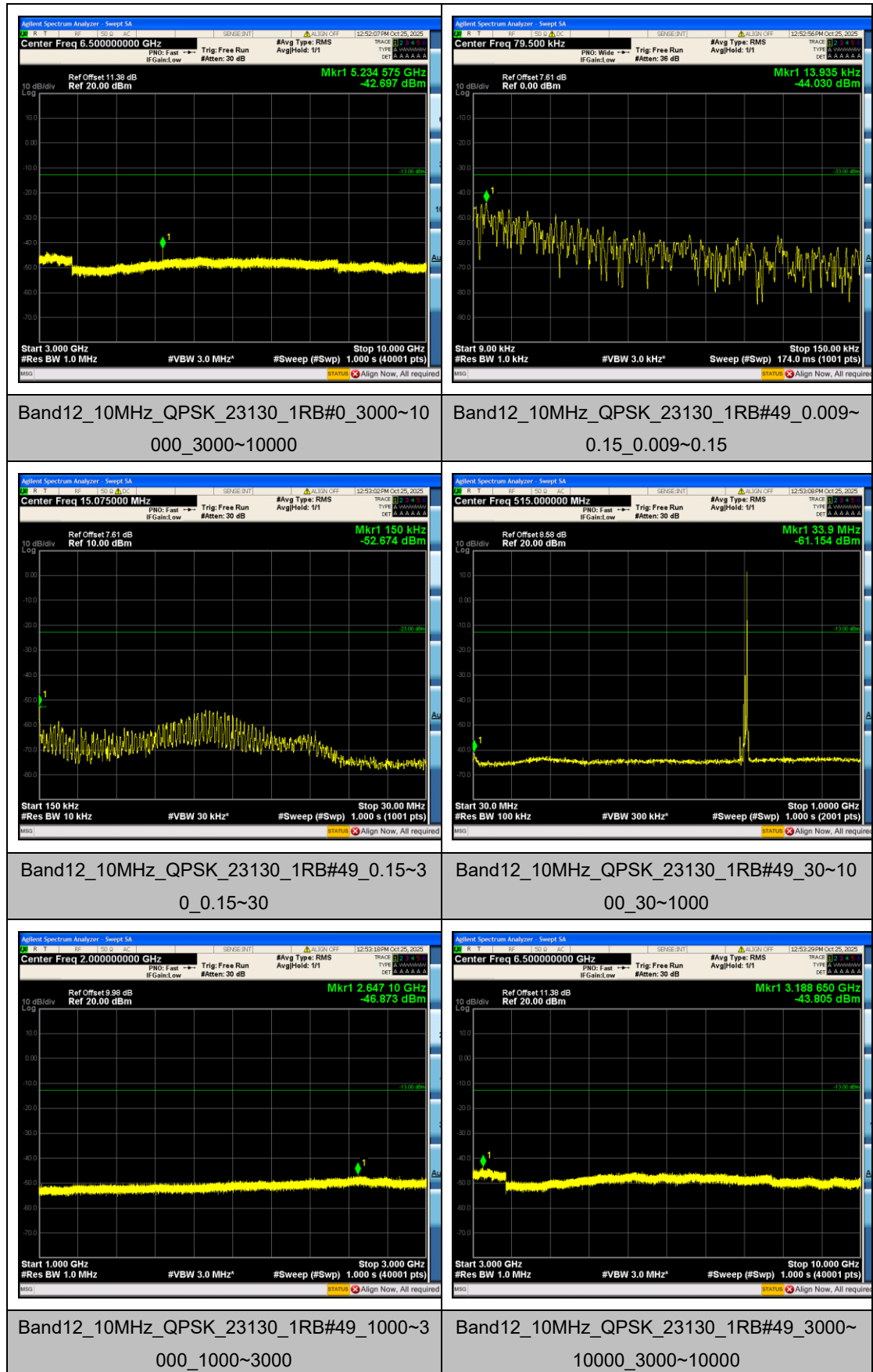


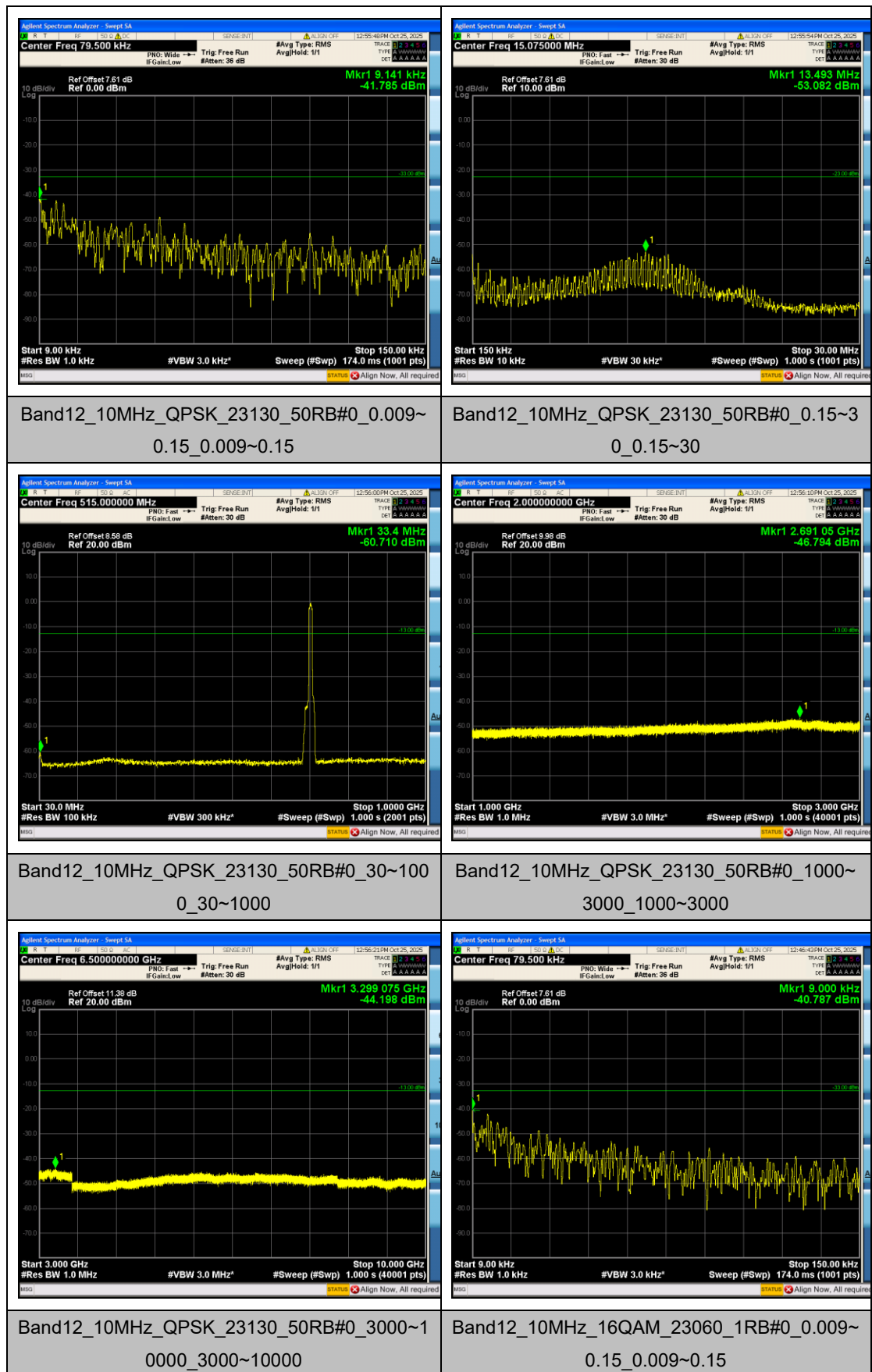


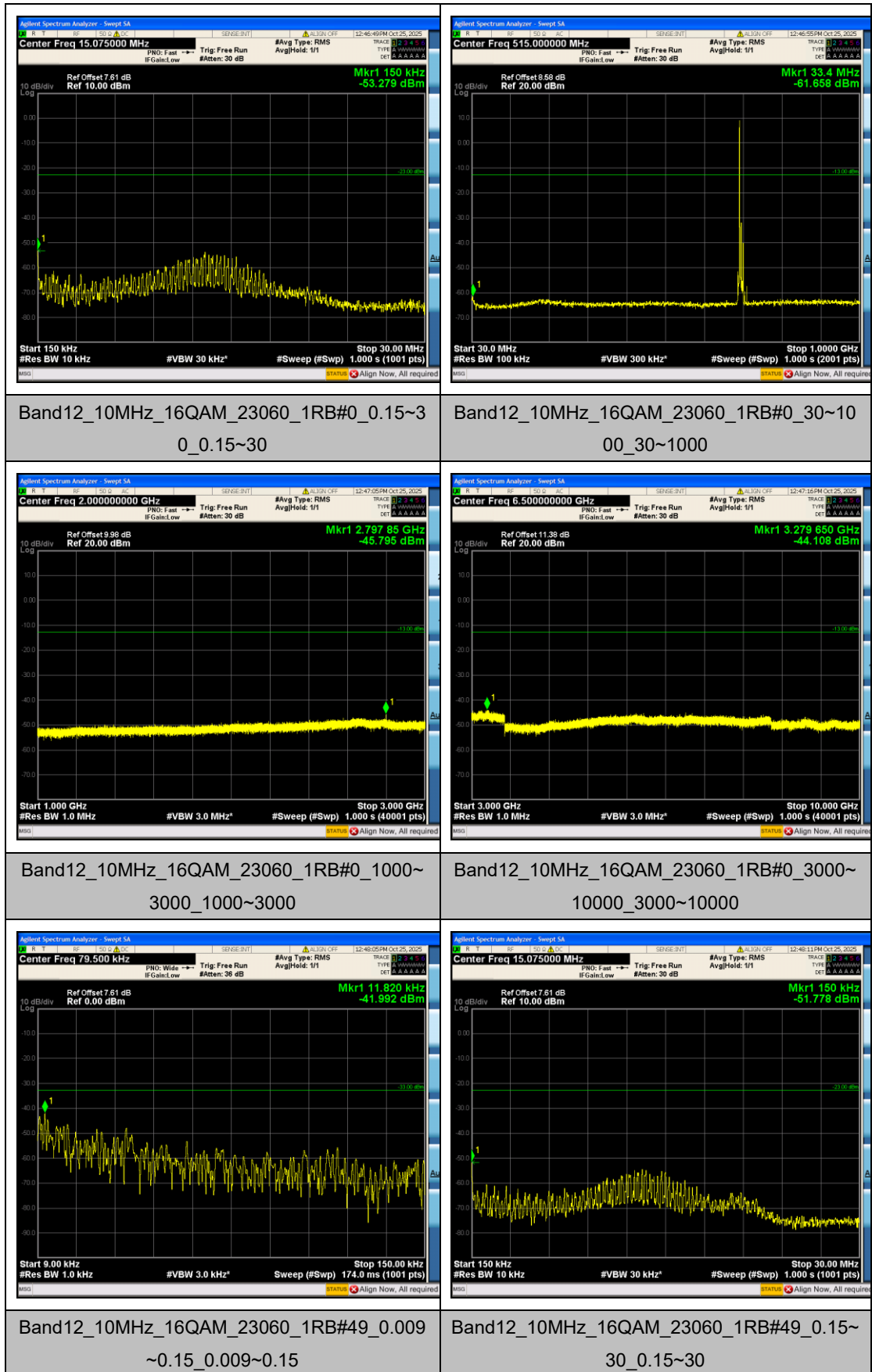


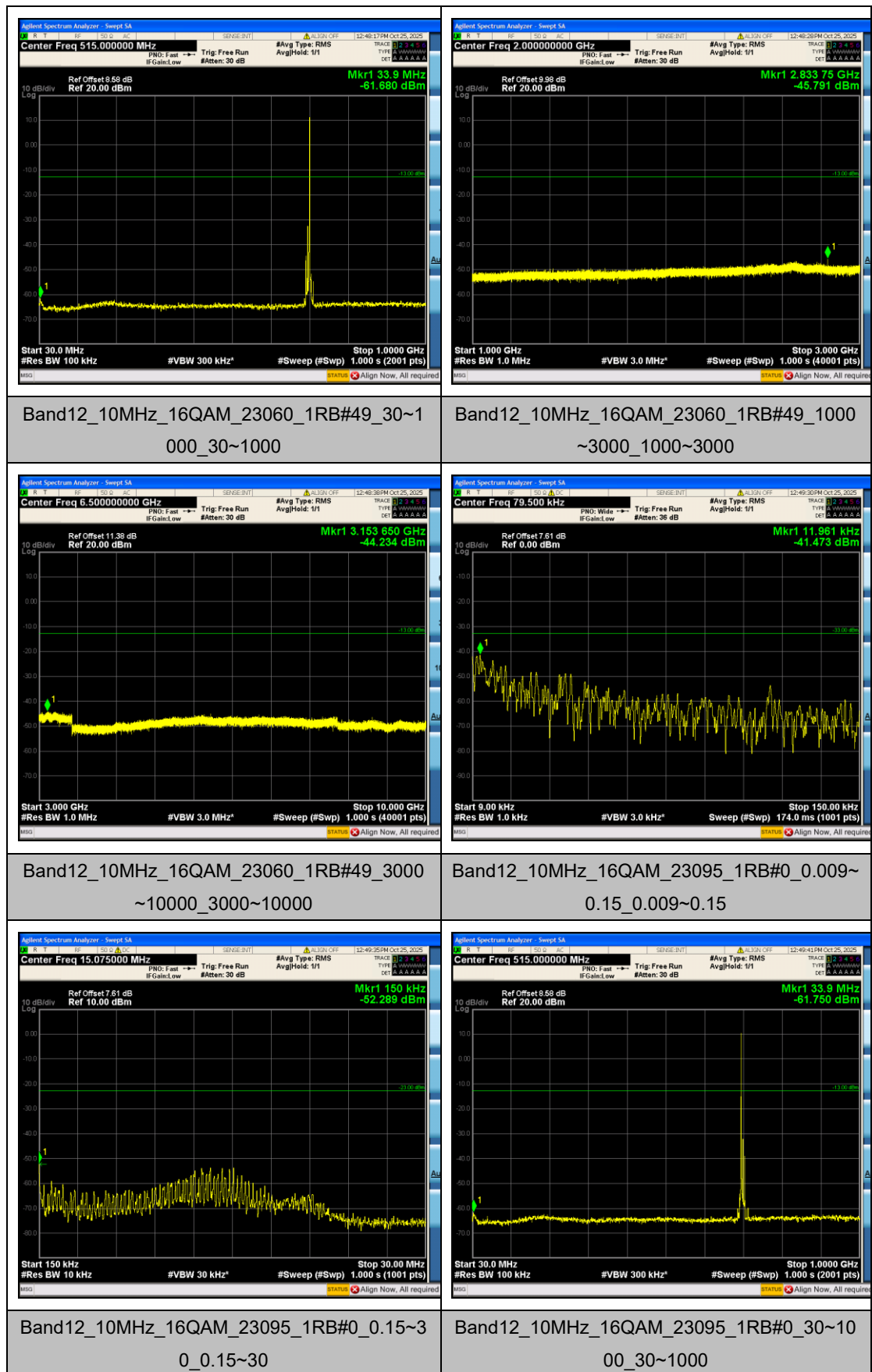


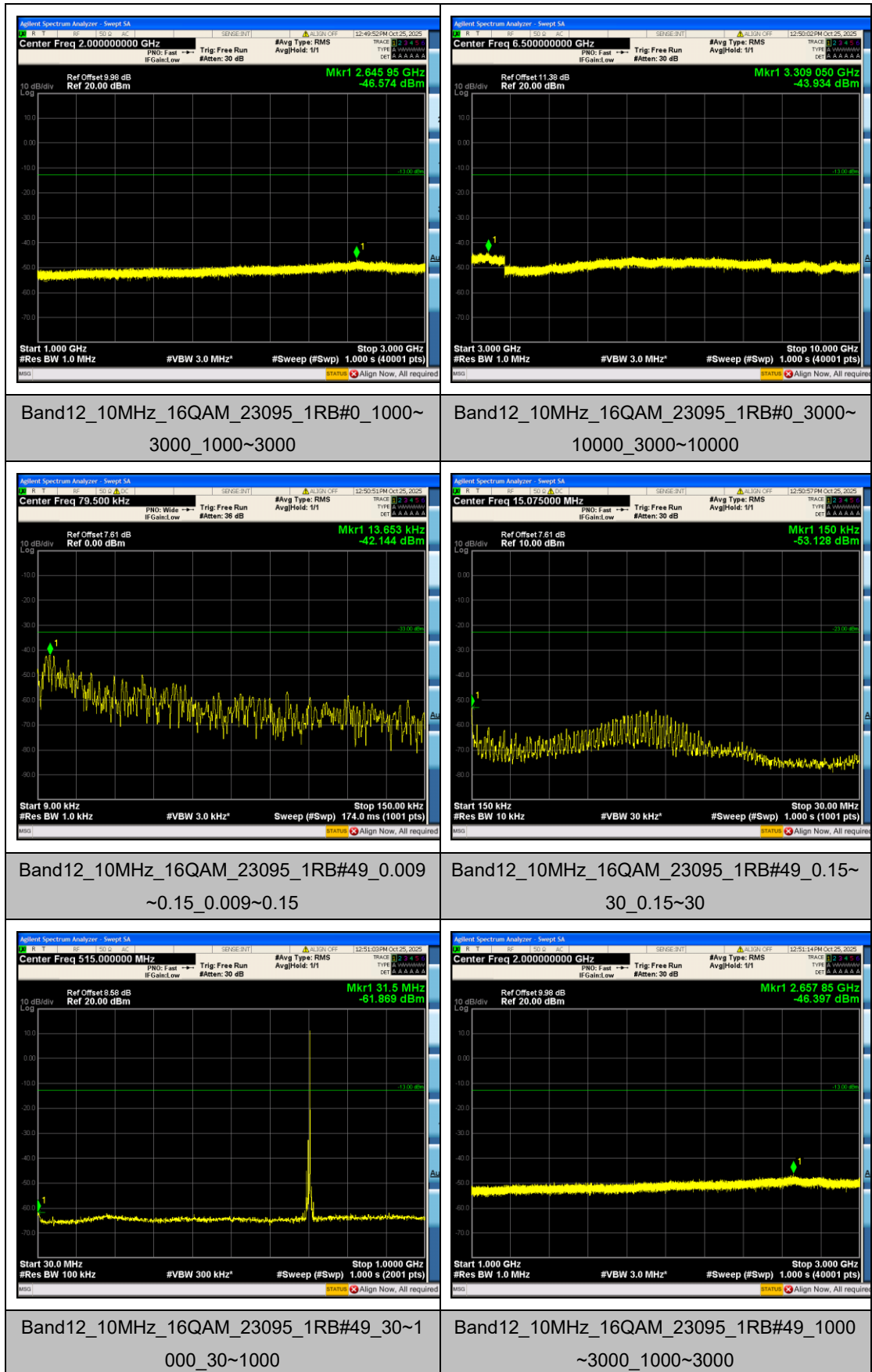


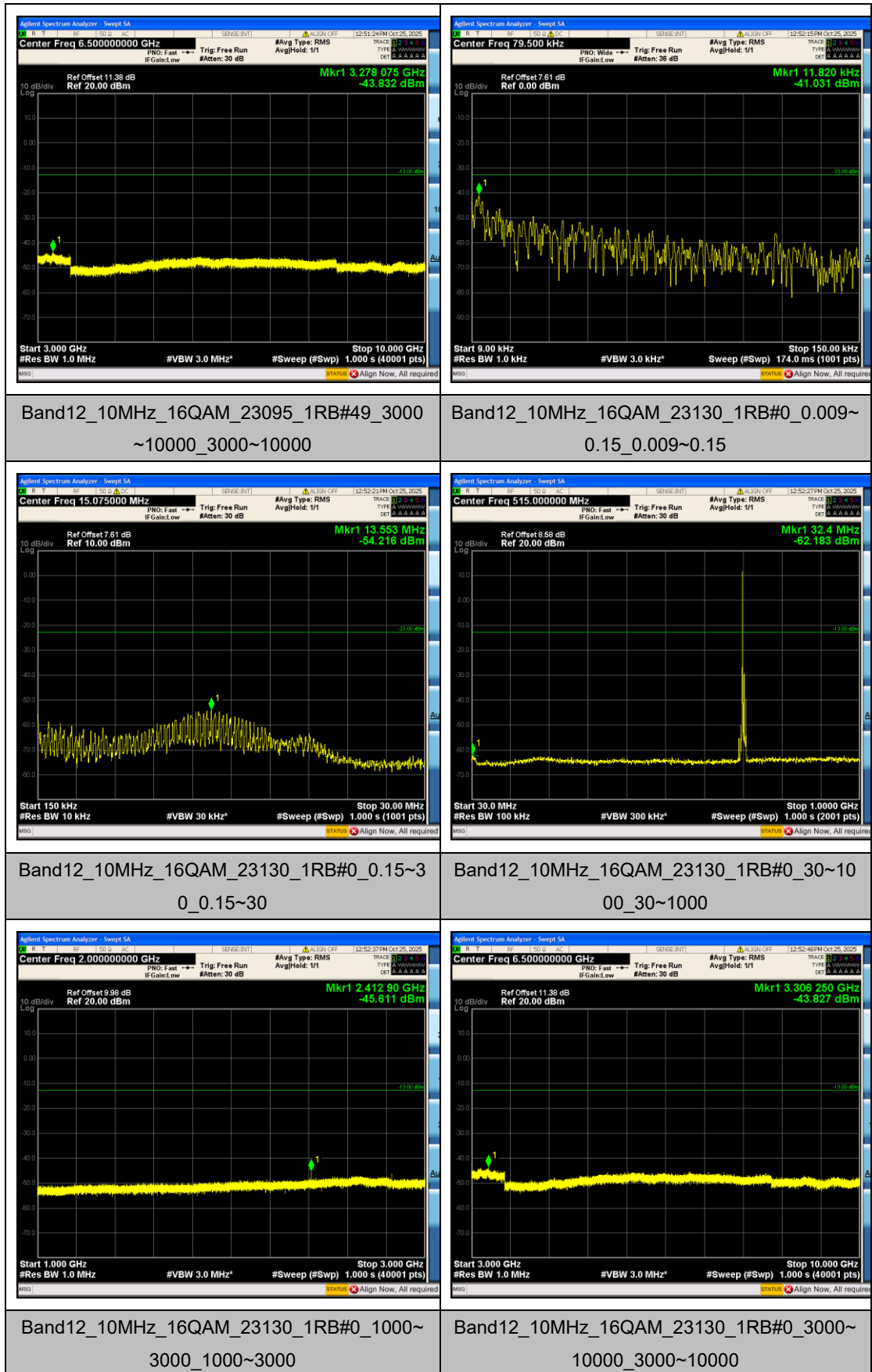


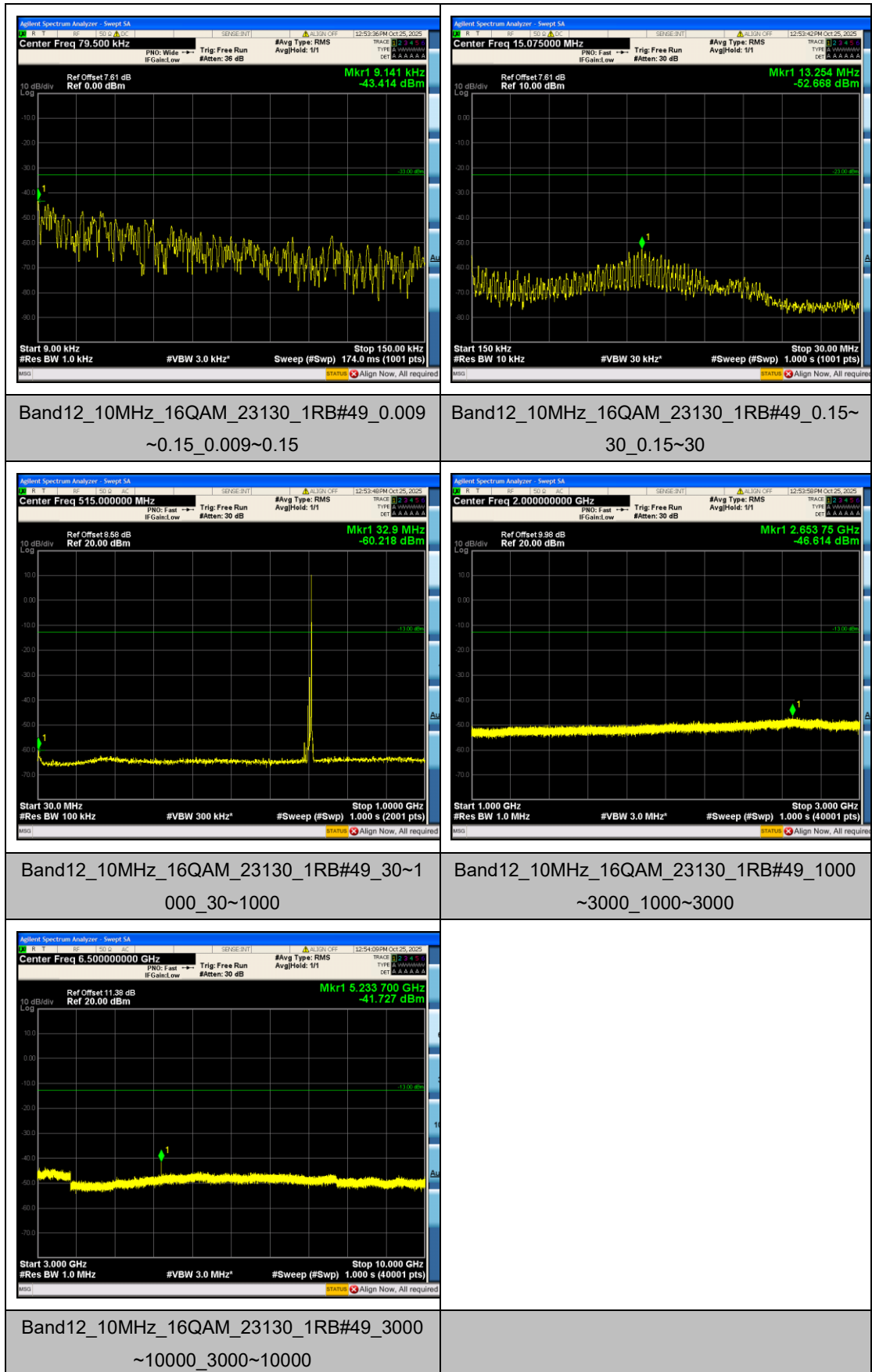












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	17.17	0.024539	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	10.96	0.015664	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	13.79	0.019708	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-5.14	-0.007346	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	14.92	0.021323	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-7.81	-0.011162	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-6.92	-0.009890	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-15.42	-0.022038	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-8.84	-0.012634	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-4.15	-0.005866	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-3.86	-0.005456	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	3.59	0.005074	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-5.87	-0.008297	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-2.79	-0.003943	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	4.12	0.005823	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	-4.38	-0.006191	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	5.89	0.008325	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	-6.95	-0.009823	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-2.00	-0.002796	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	5.82	0.008136	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	2.95	0.004124	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	3.76	0.005257	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-5.49	-0.007675	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	6.39	0.008933	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	-2.12	-0.002964	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	4.62	0.006459	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	-4.65	-0.006501	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	8.70	0.012434	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	14.69	0.020995	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	-13.40	-0.019151	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-8.90	-0.012720	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-9.97	-0.014249	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-5.89	-0.008418	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-14.81	-0.021166	±2.5	PASS

Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	9.71	0.013877	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	7.45	0.010647	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-3.40	-0.004806	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-6.38	-0.009018	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	2.52	0.003562	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-4.68	-0.006615	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-3.33	-0.004707	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-6.87	-0.009710	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-5.79	-0.008184	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	-6.27	-0.008862	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	-3.06	-0.004325	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-2.19	-0.003062	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-3.59	-0.005019	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	-4.03	-0.005634	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-4.78	-0.006683	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-3.50	-0.004893	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	7.57	0.010583	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	-9.38	-0.013113	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	3.36	0.004697	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	-2.72	-0.003803	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	5.26	0.007509	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-5.79	-0.008266	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	4.45	0.006353	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	4.48	0.006395	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	3.93	0.005610	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	8.51	0.012148	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	6.67	0.009522	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	5.52	0.007880	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	5.99	0.008551	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	6.14	0.008678	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	3.46	0.004890	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	4.46	0.006304	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	5.42	0.007661	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	3.93	0.005555	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	5.14	0.007265	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-4.33	-0.006120	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	4.99	0.007053	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	5.28	0.007463	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	8.04	0.011253	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	11.19	0.015661	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	-6.94	-0.009713	±2.5	PASS