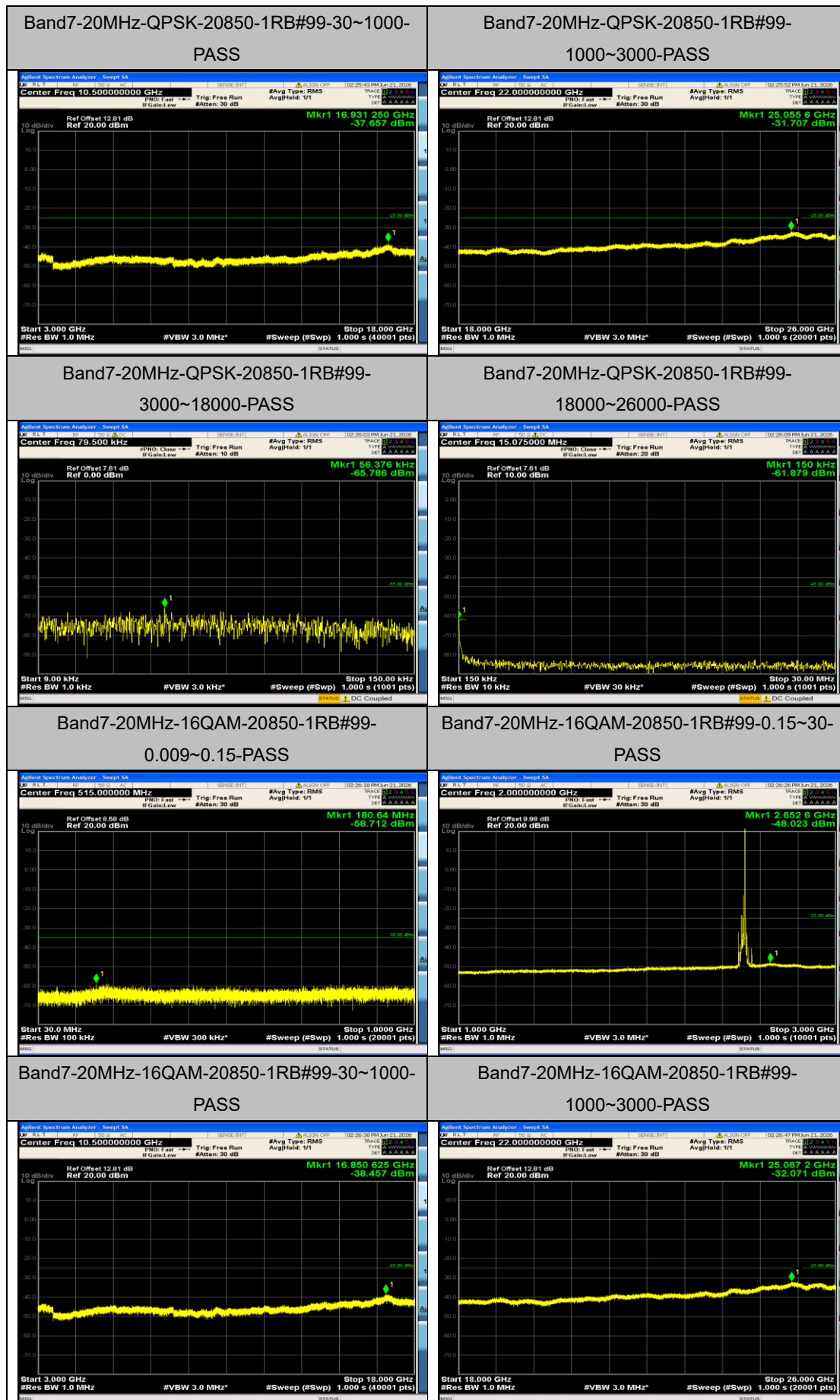
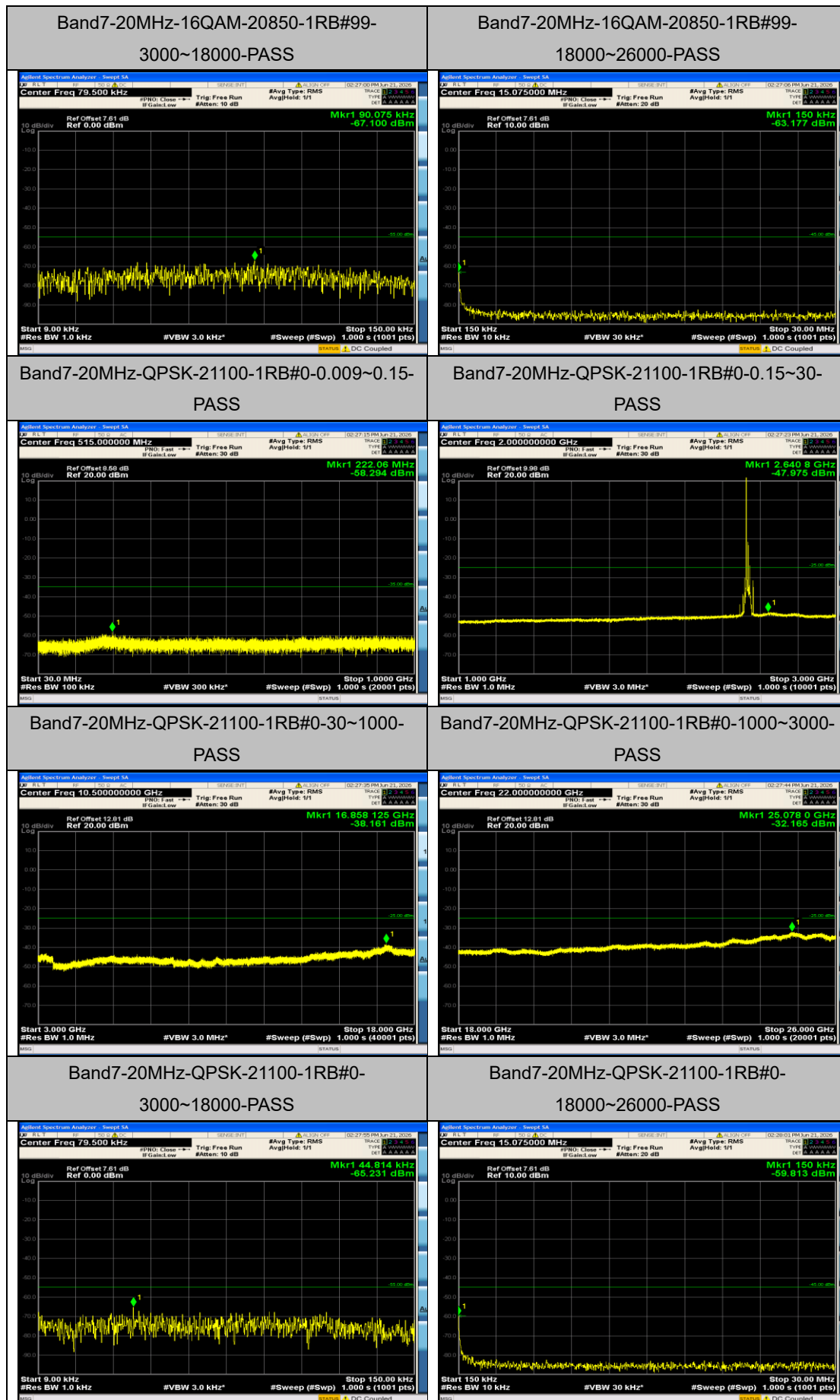
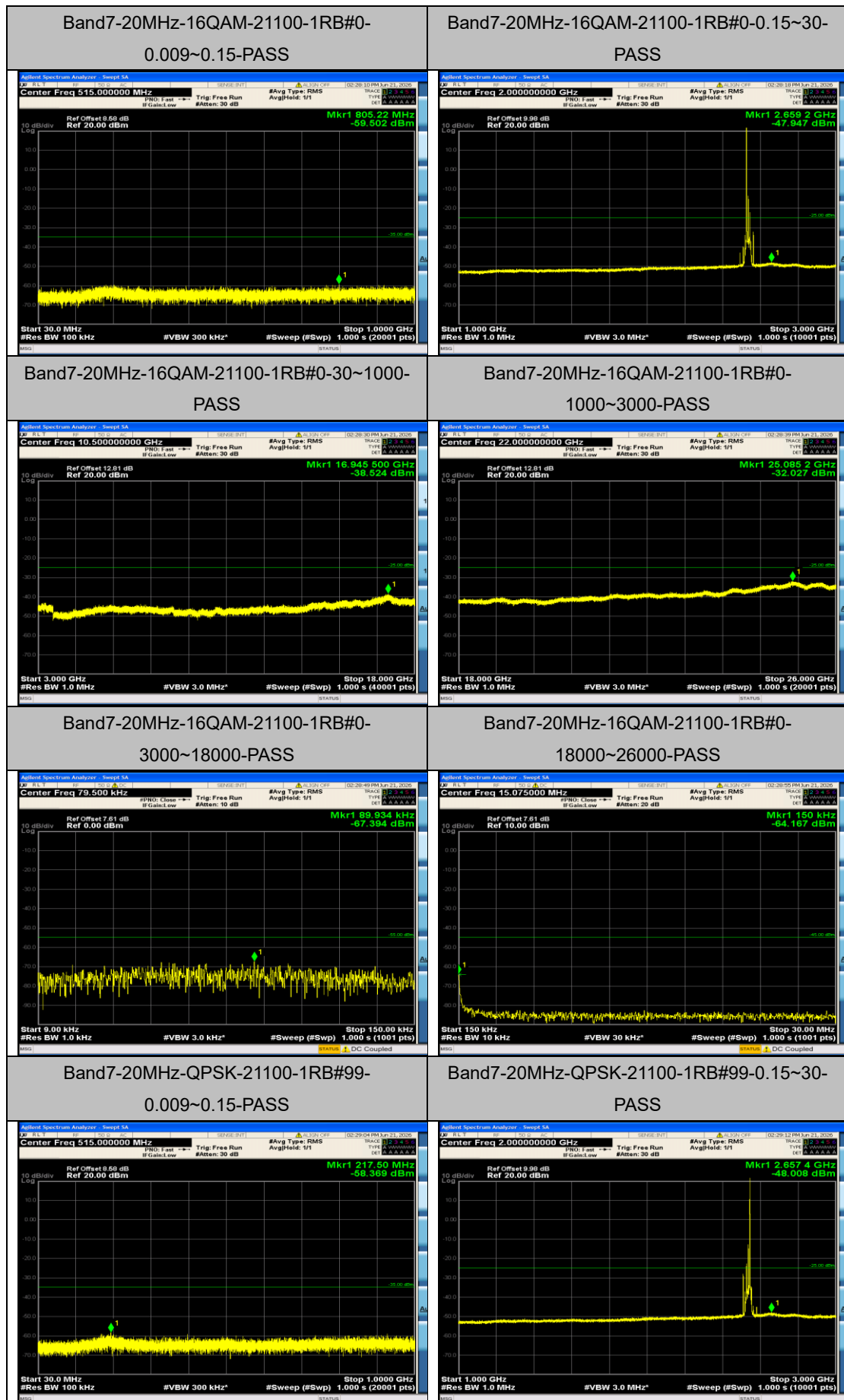
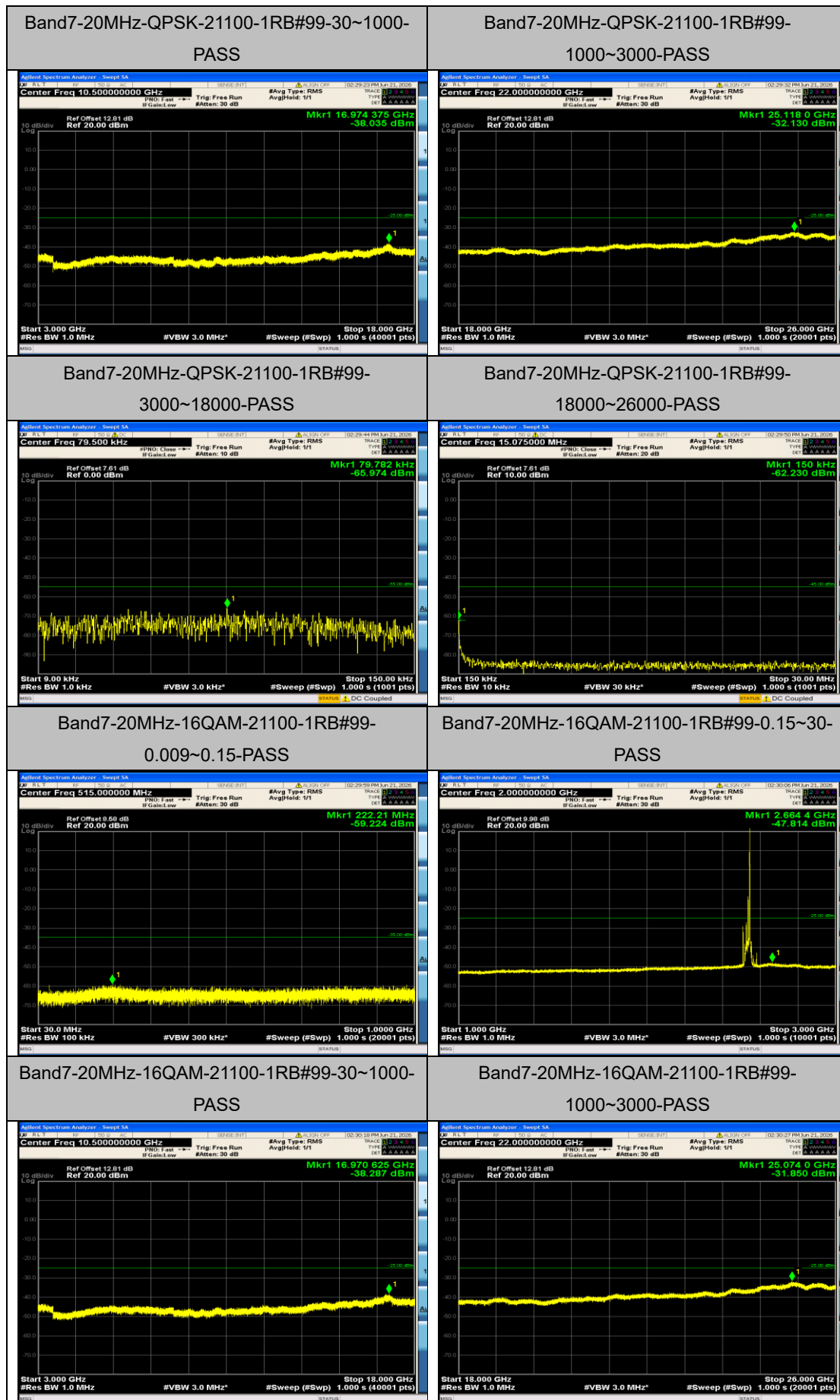
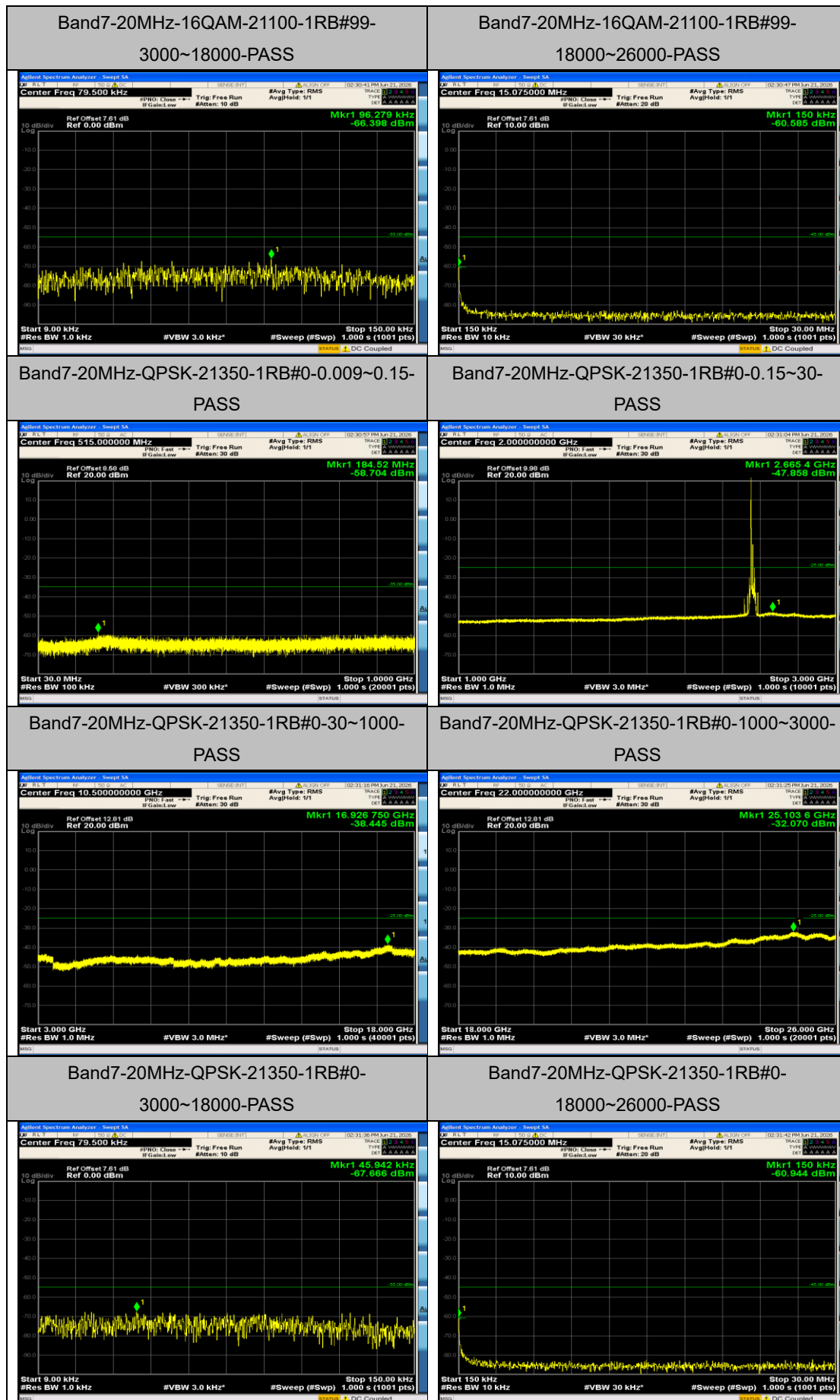


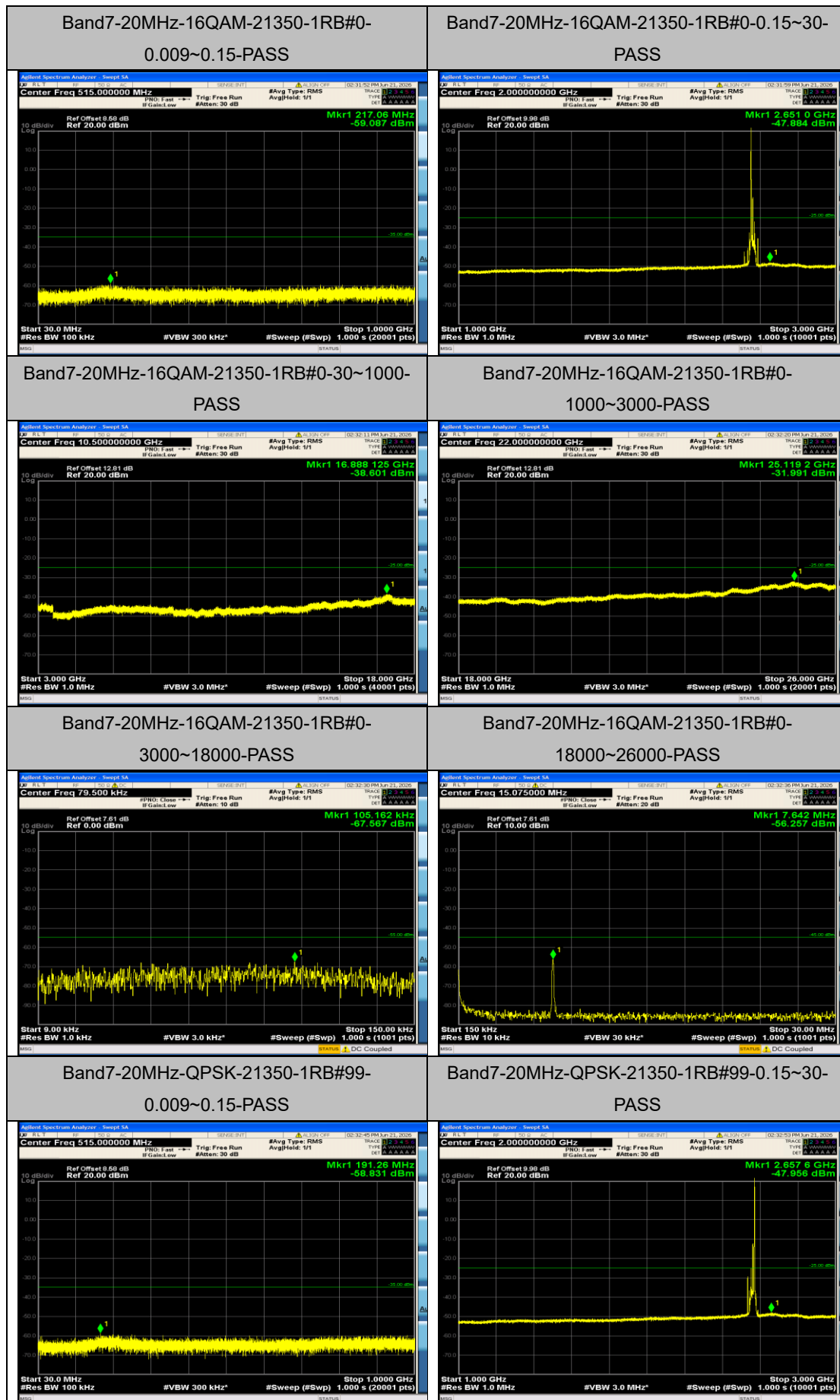


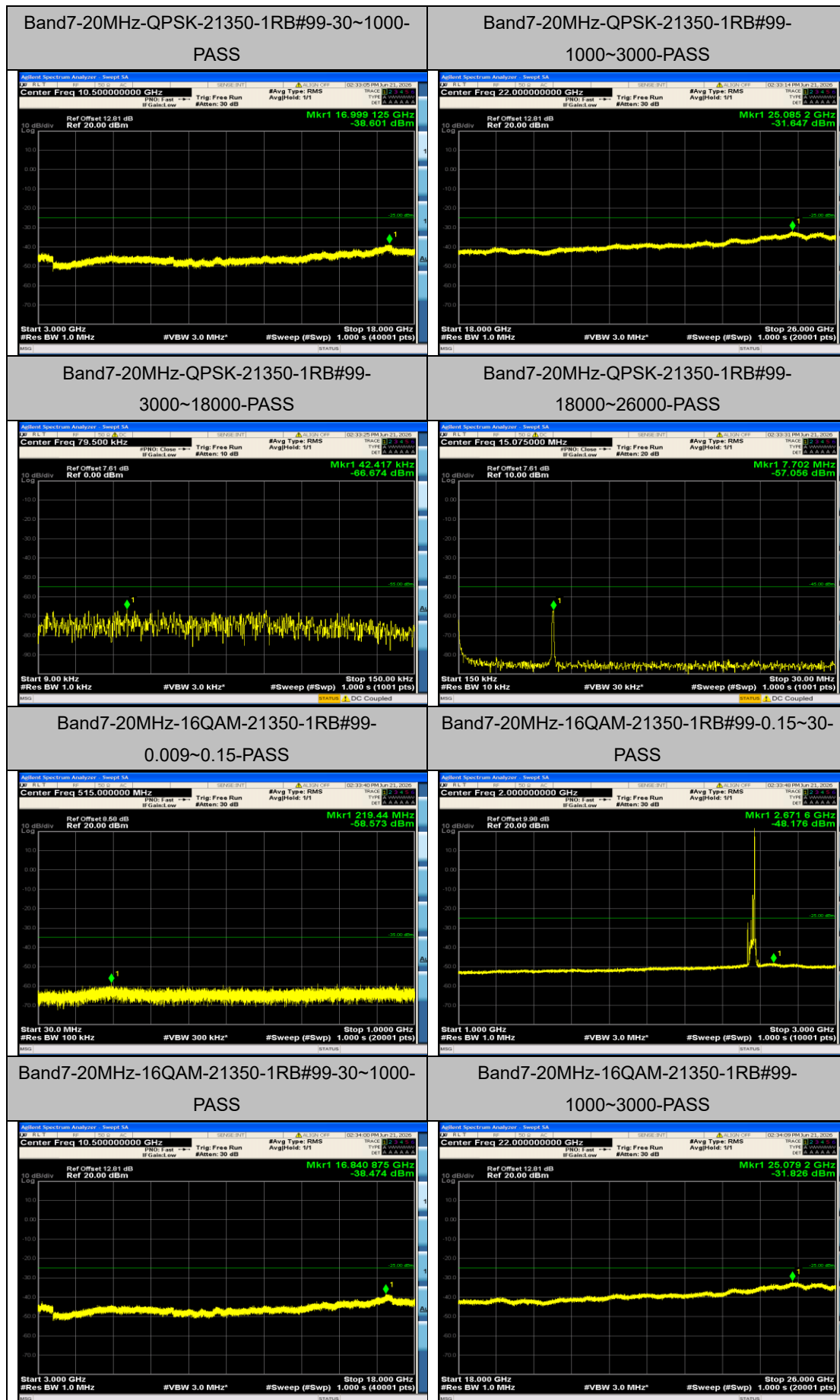


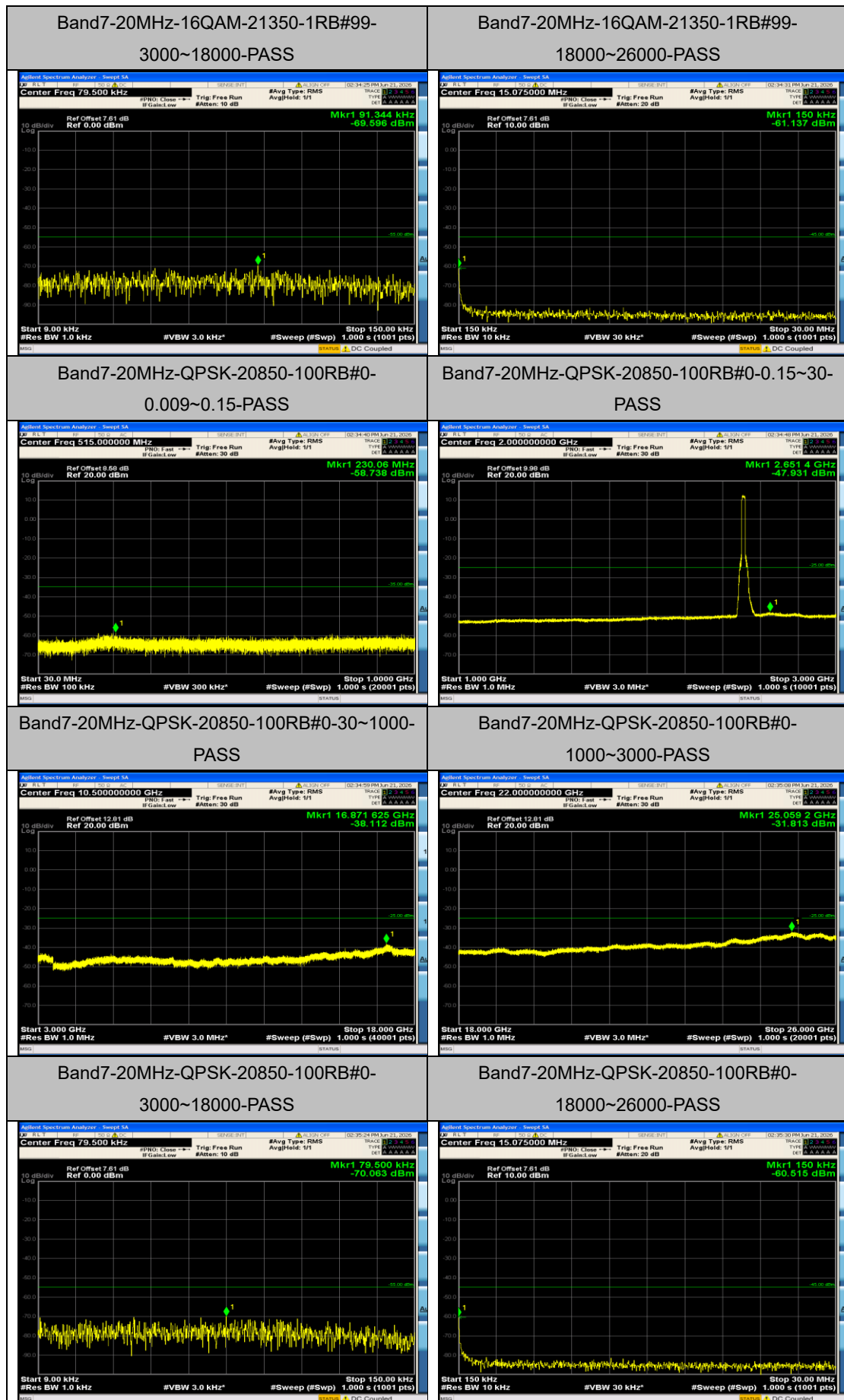


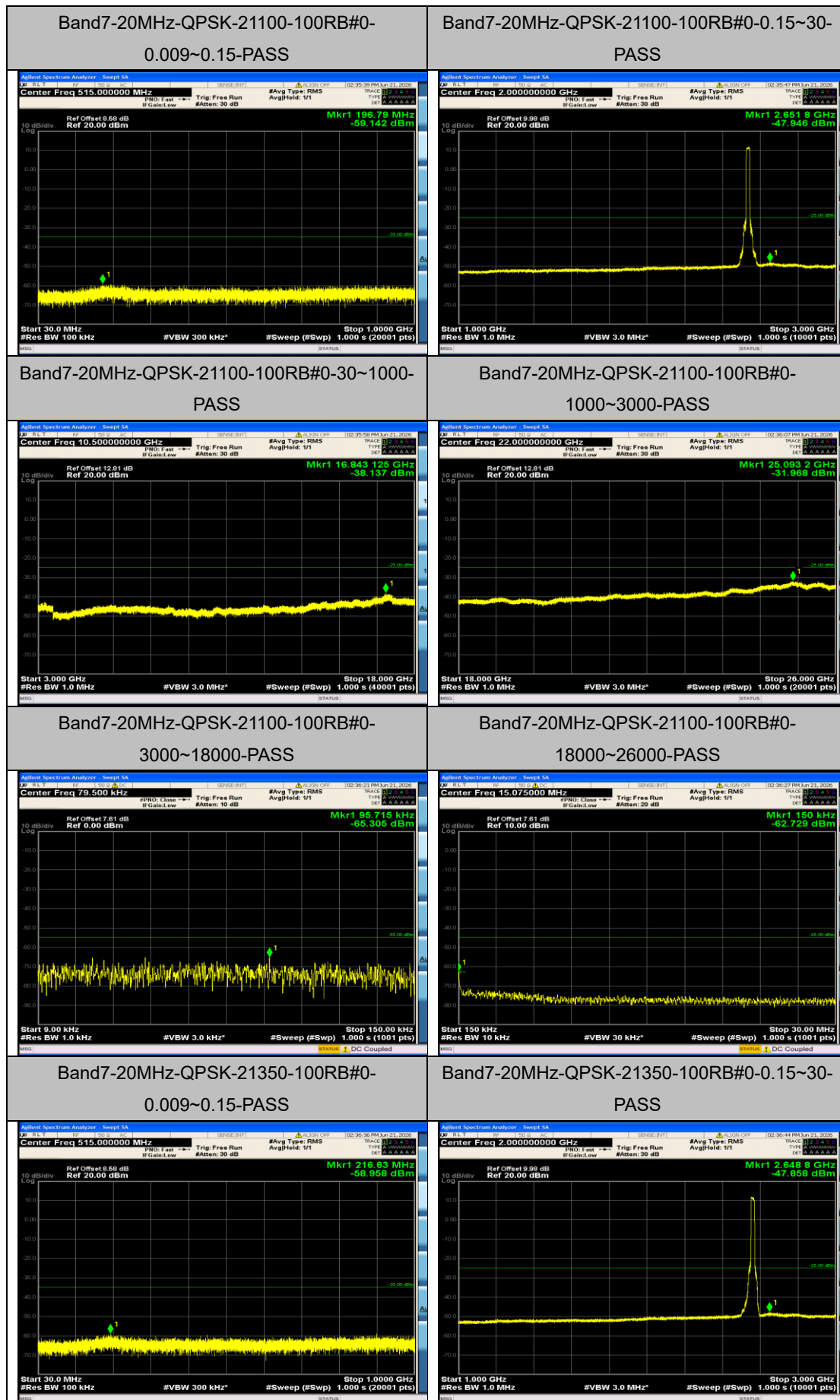


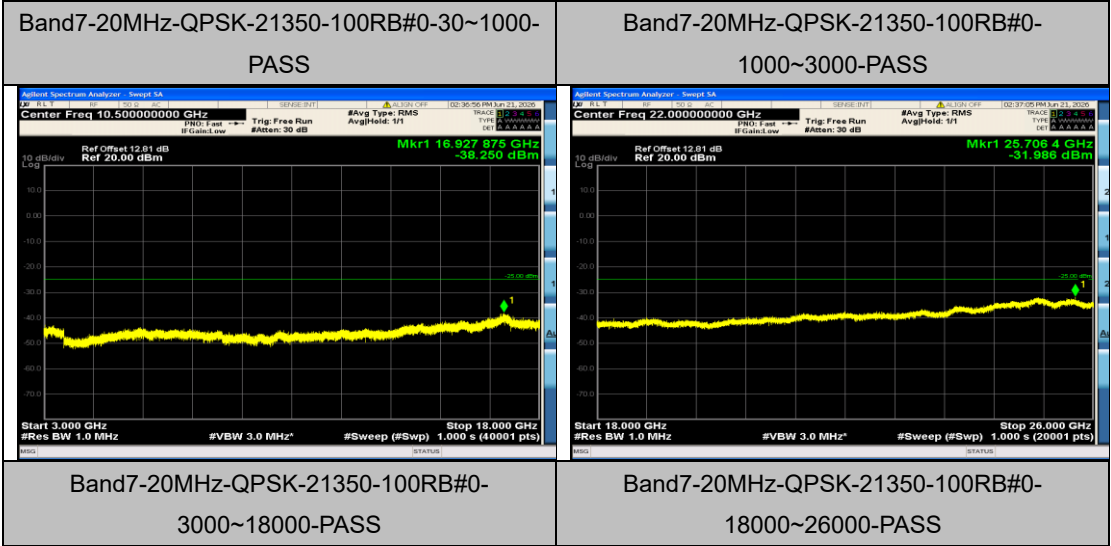












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	5.06	0.002022	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	10.30	0.004116	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	8.41	0.003361	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	6.64	0.002653	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	7.62	0.003045	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	7.88	0.003149	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	6.27	0.002505	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	9.00	0.003596	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	6.91	0.002761	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	8.93	0.003568	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	4.94	0.001974	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	9.96	0.003980	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	8.98	0.003588	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	9.56	0.003820	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	10.04	0.004012	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	10.27	0.004104	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	10.61	0.004240	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	7.45	0.002977	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-7.17	-0.002828	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-6.57	-0.002592	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-8.45	-0.003333	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	3.88	0.001531	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-6.74	-0.002659	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-5.35	-0.002110	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-4.55	-0.001795	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-4.16	-0.001641	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-4.98	-0.001964	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-5.46	-0.002154	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-5.82	-0.002296	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	-3.75	-0.001479	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-6.11	-0.002410	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-4.15	-0.001637	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-10.36	-0.004087	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	6.57	0.002592	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-7.20	-0.002840	±2.5	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	50	-6.25	-0.002465	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	8.11	0.003159	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	6.52	0.002539	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	8.07	0.003143	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	5.36	0.002088	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	7.28	0.002835	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	9.33	0.003634	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	9.30	0.003622	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	8.50	0.003311	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	7.52	0.002929	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	5.81	0.002263	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	5.92	0.002306	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	5.18	0.002018	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	5.87	0.002286	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	6.94	0.002703	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	6.51	0.002536	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	7.62	0.002968	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	8.30	0.003233	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	6.61	0.002574	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-5.76	-0.002299	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-7.27	-0.002902	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-5.89	-0.002351	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-3.78	-0.001509	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-6.02	-0.002403	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-9.06	-0.003617	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-66.56	-0.026571	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-3.65	-0.001457	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-4.36	-0.001741	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-4.02	-0.001586	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-6.01	-0.002371	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-5.35	-0.002110	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-5.05	-0.001992	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-4.18	-0.001649	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-6.85	-0.002702	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-6.88	-0.002714	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	5.92	0.002335	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-3.30	-0.001302	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-5.42	-0.002113	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-4.65	-0.001813	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-10.33	-0.004027	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-2.69	-0.001049	±2.5	PASS

Band7	10MHz	QPSK	21400	50RB#0	NV	10	-6.69	-0.002608	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-7.54	-0.002940	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-6.34	-0.002472	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-6.55	-0.002554	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-7.93	-0.003092	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-21.57	-0.008602	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-23.32	-0.009300	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	-26.95	-0.010748	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-19.91	-0.007940	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-26.98	-0.010760	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-21.64	-0.008630	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-45.50	-0.018146	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-29.03	-0.011577	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-29.83	-0.011896	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	27.61	0.010892	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	23.43	0.009243	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-27.95	-0.011026	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-30.20	-0.011913	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	20.79	0.008201	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	25.62	0.010107	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-17.01	-0.006710	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-44.90	-0.017712	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-14.20	-0.005602	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-16.44	-0.006416	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-16.88	-0.006587	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	23.59	0.009206	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	36.91	0.014404	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-47.69	-0.018611	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-42.37	-0.016535	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-33.10	-0.012917	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-19.04	-0.007430	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	-18.77	-0.007325	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	33.04	0.013163	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	35.72	0.014231	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	31.63	0.012602	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	41.11	0.016378	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	23.46	0.009347	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	17.05	0.006793	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	27.41	0.010920	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	37.25	0.014841	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	16.35	0.006514	±2.5	PASS

Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-20.89	-0.008241	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	35.39	0.013961	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	28.88	0.011393	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	34.56	0.013633	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-17.97	-0.007089	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-19.63	-0.007744	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	15.48	0.006107	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	23.98	0.009460	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	23.57	0.009298	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	28.58	0.011164	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-15.86	-0.006195	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	13.25	0.005176	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	26.12	0.010203	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	29.15	0.011387	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	24.98	0.009758	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	22.49	0.008785	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	45.03	0.017590	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	18.90	0.007383	±2.5	PASS