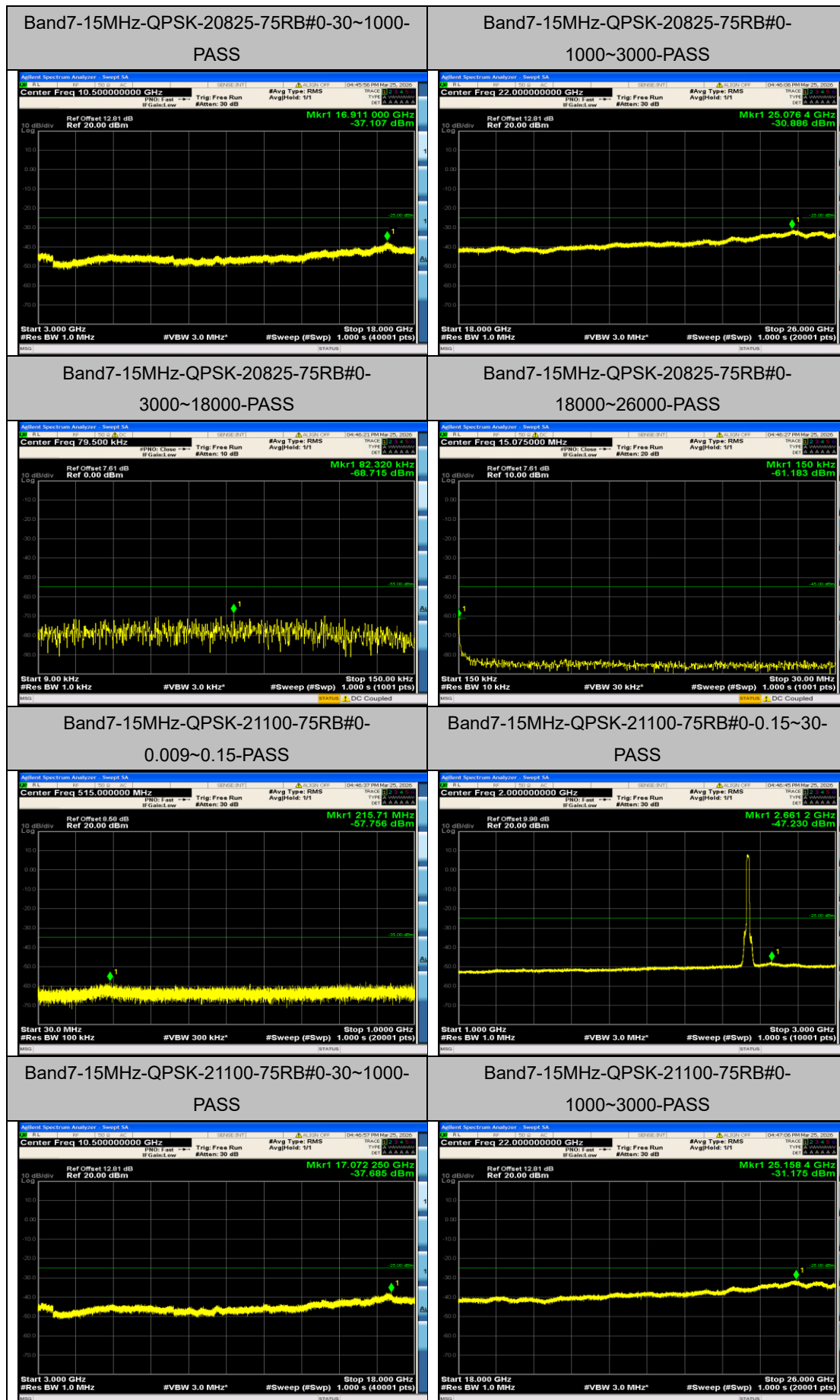
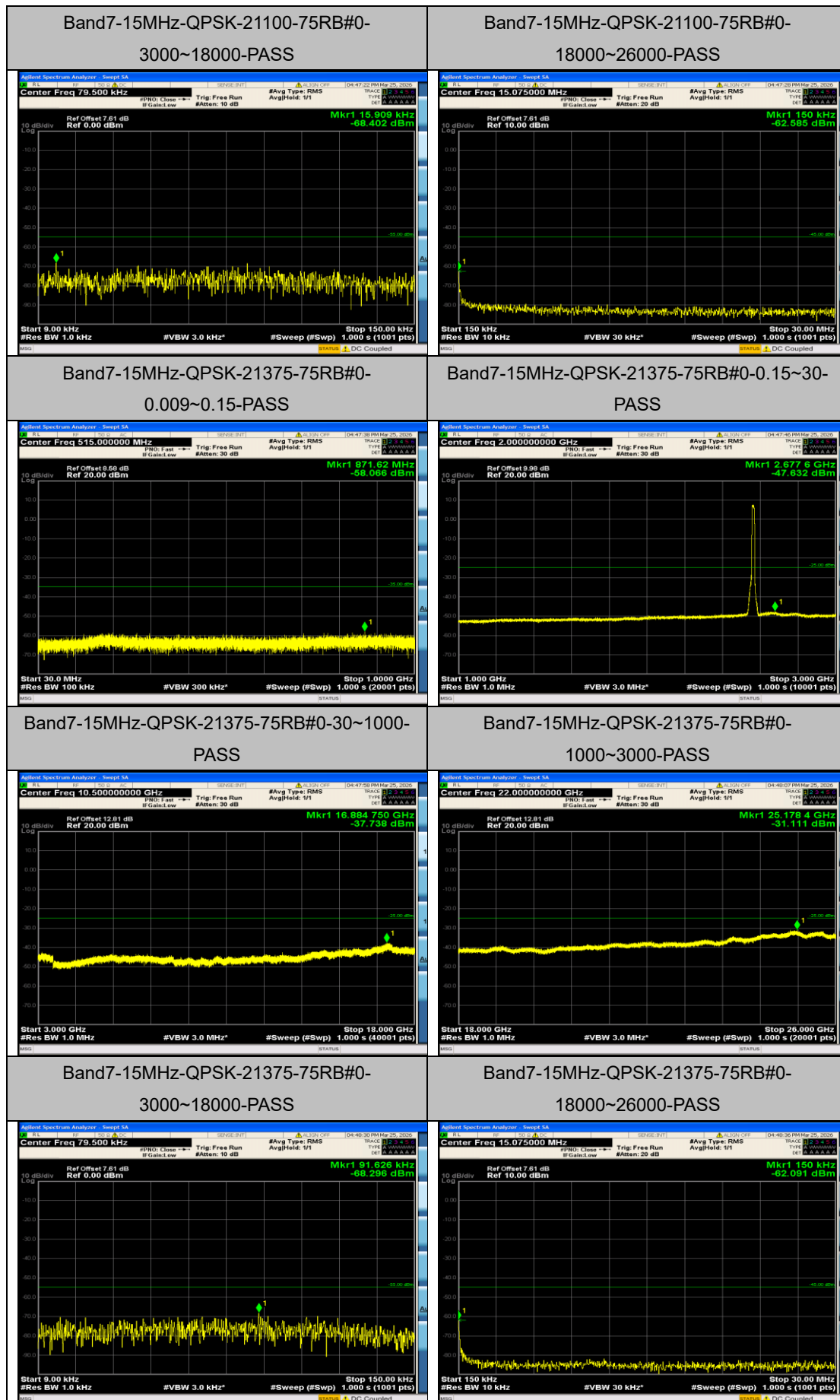
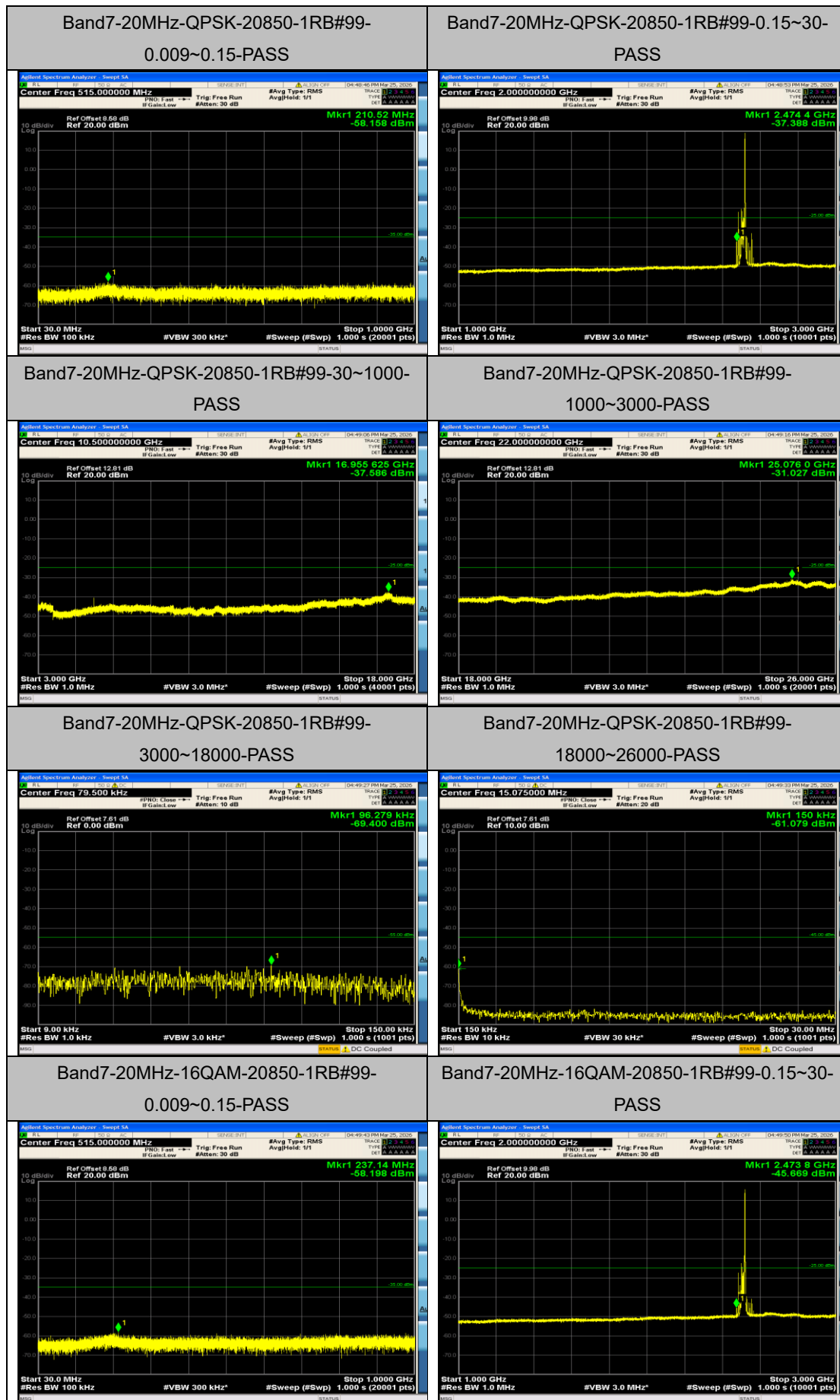
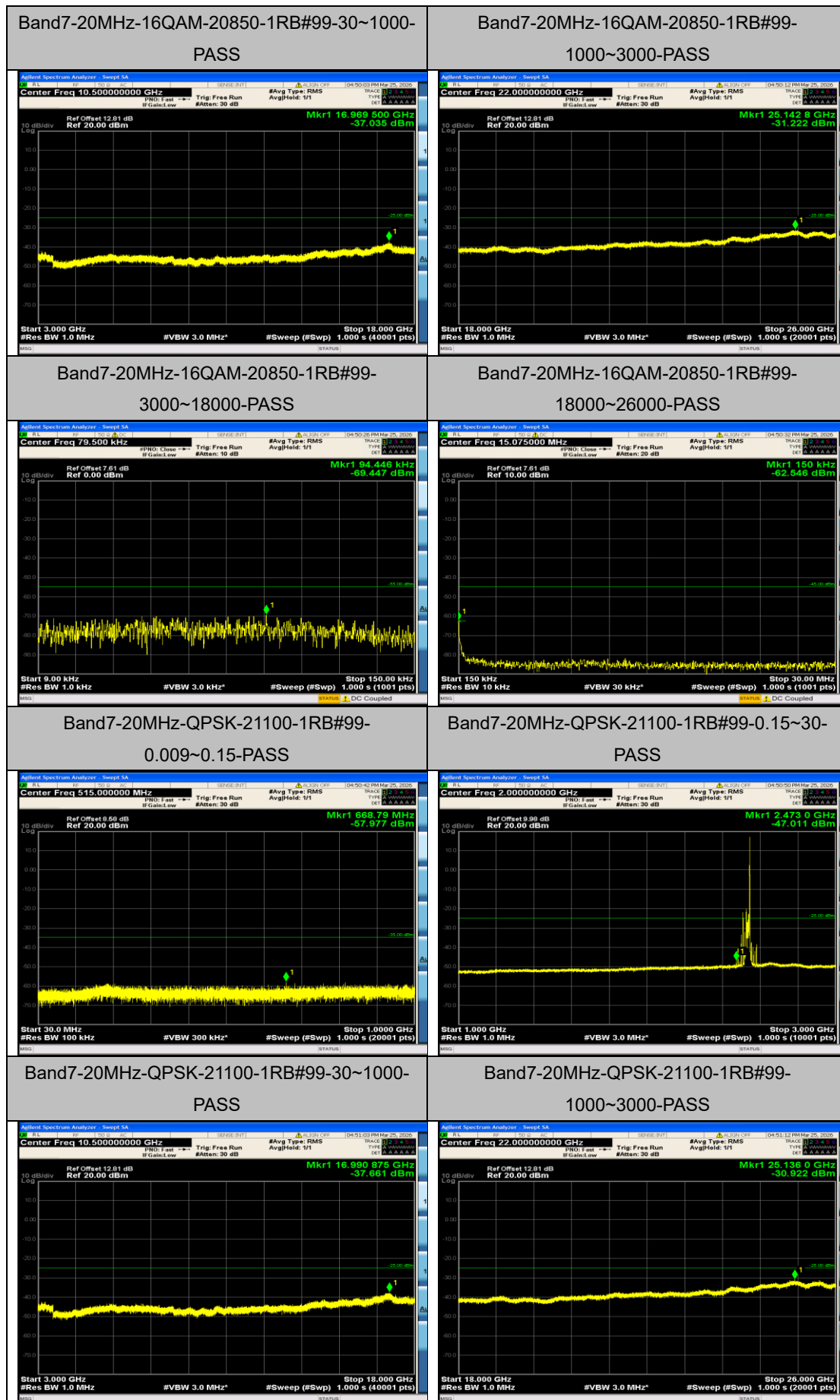
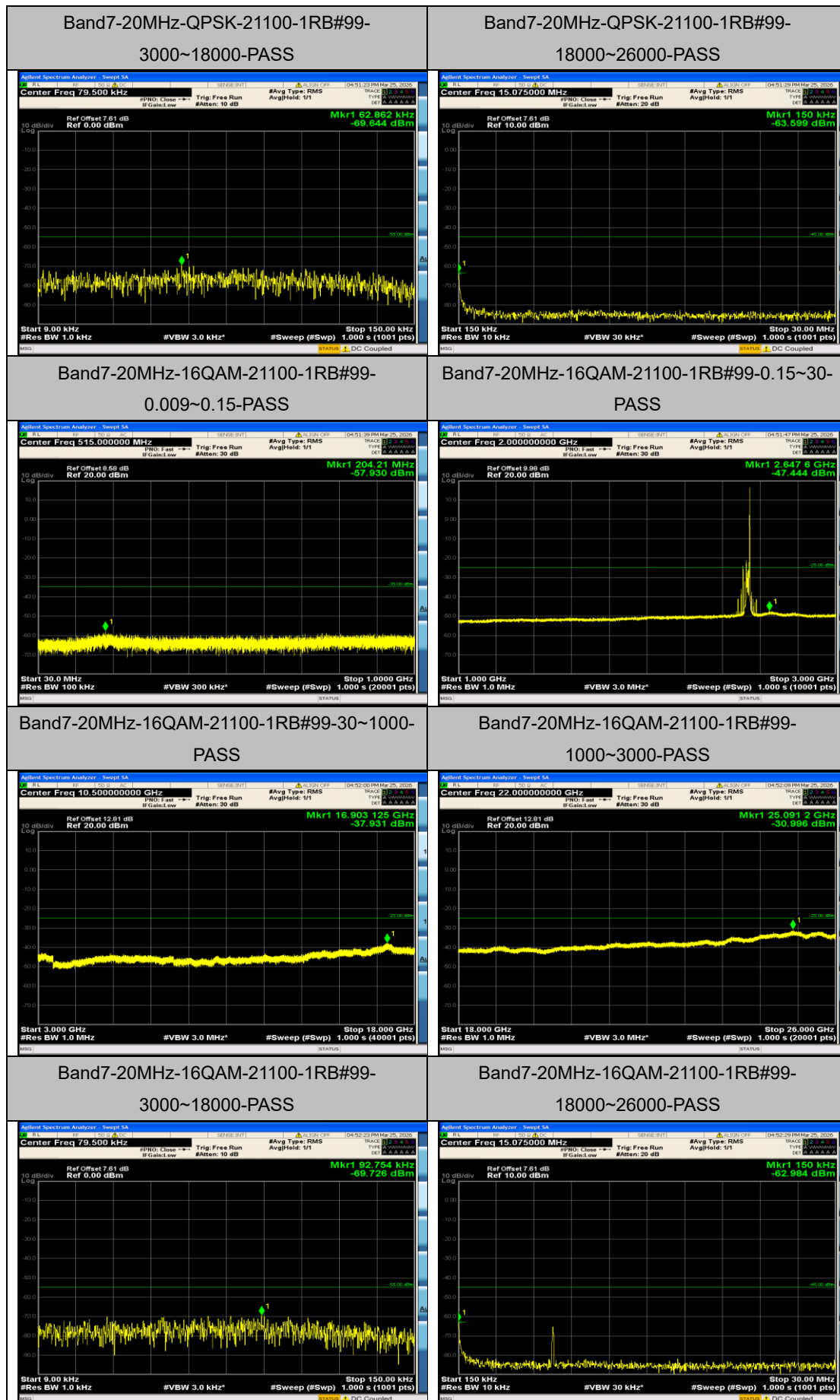


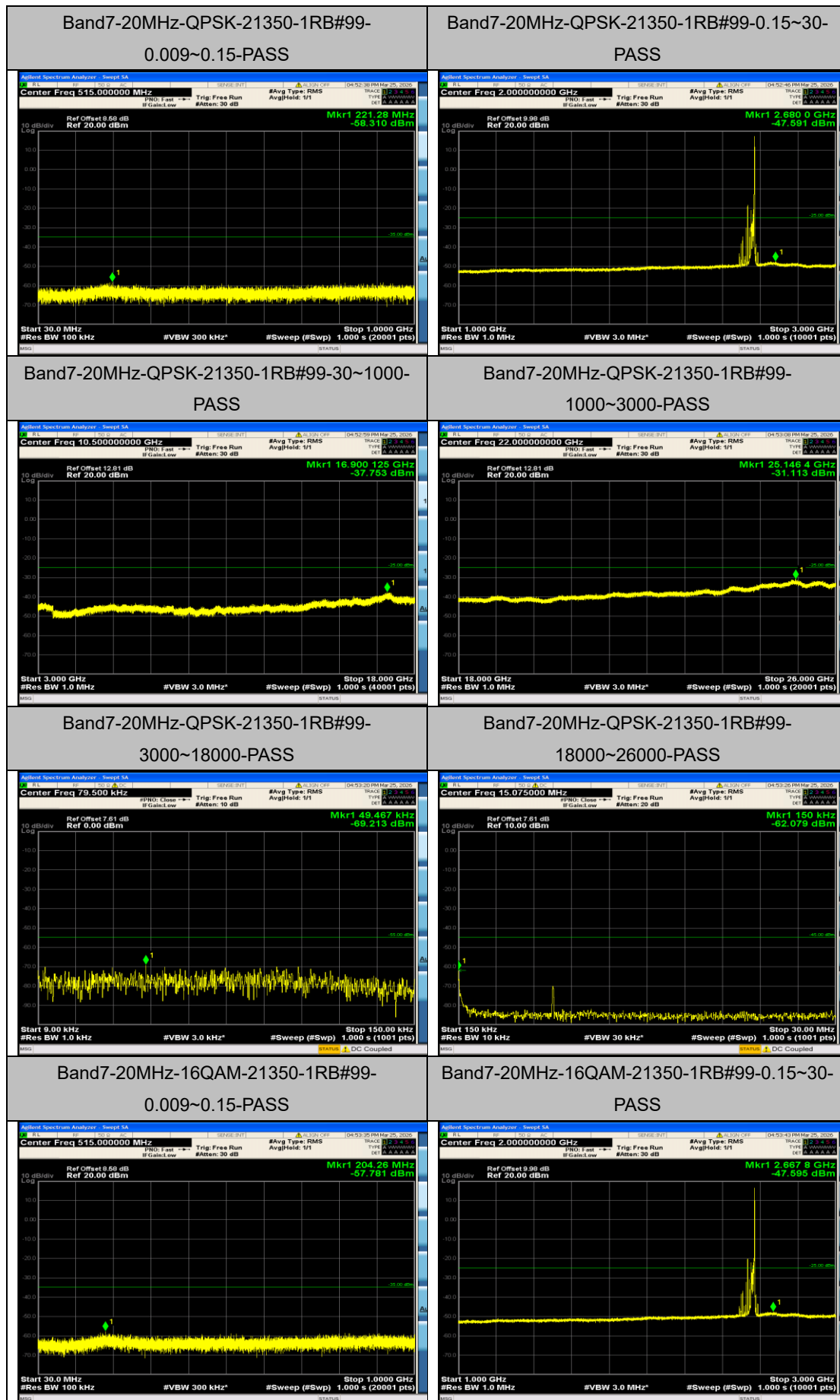


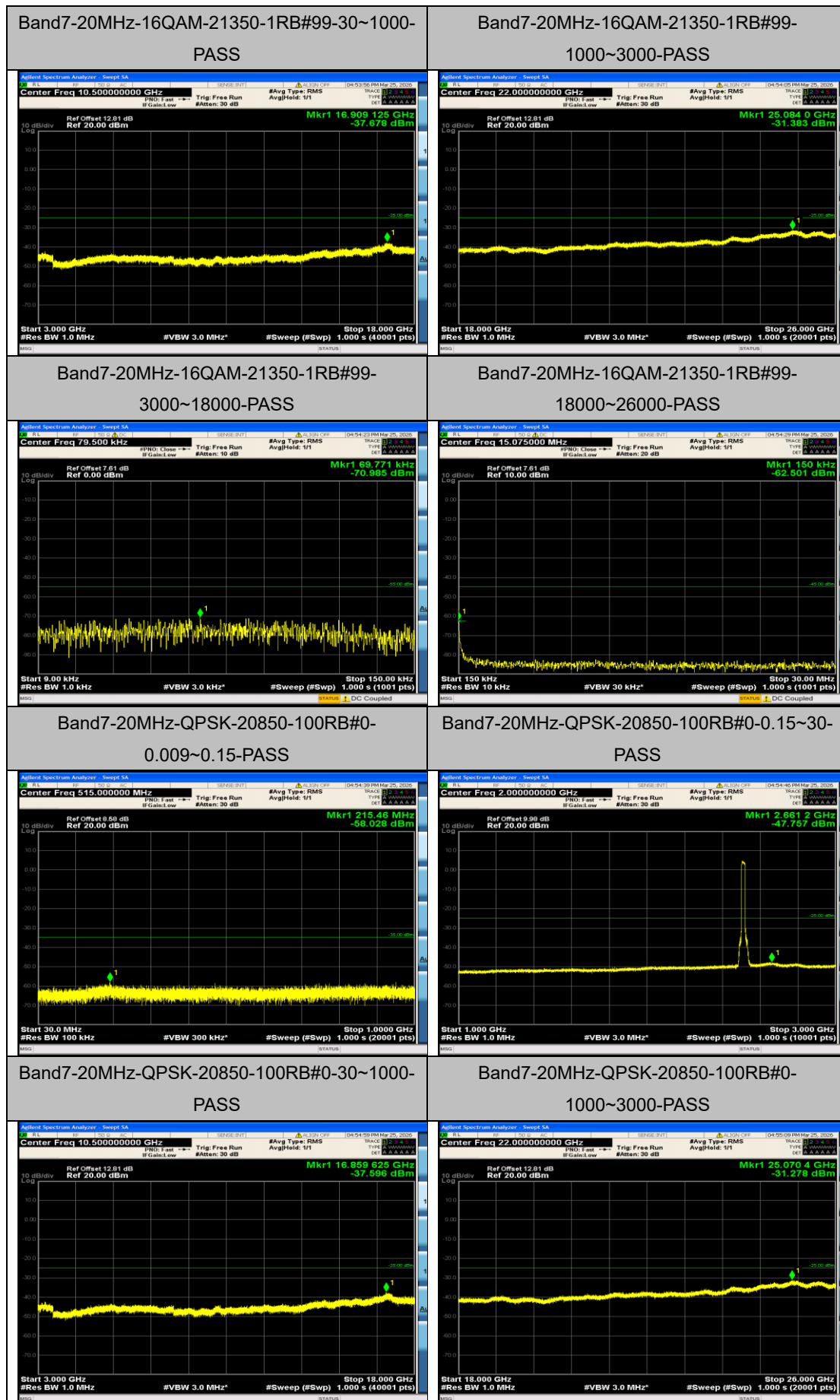


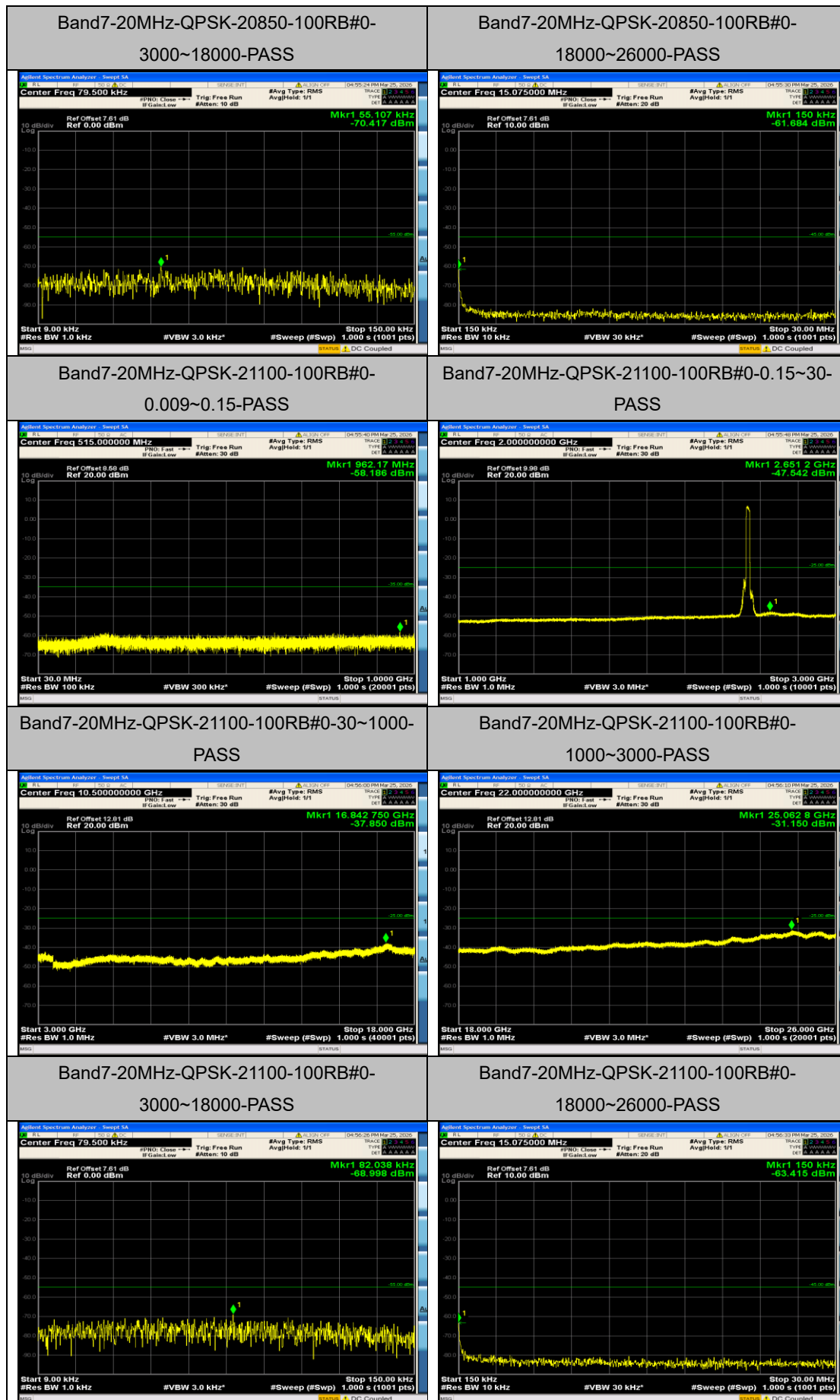


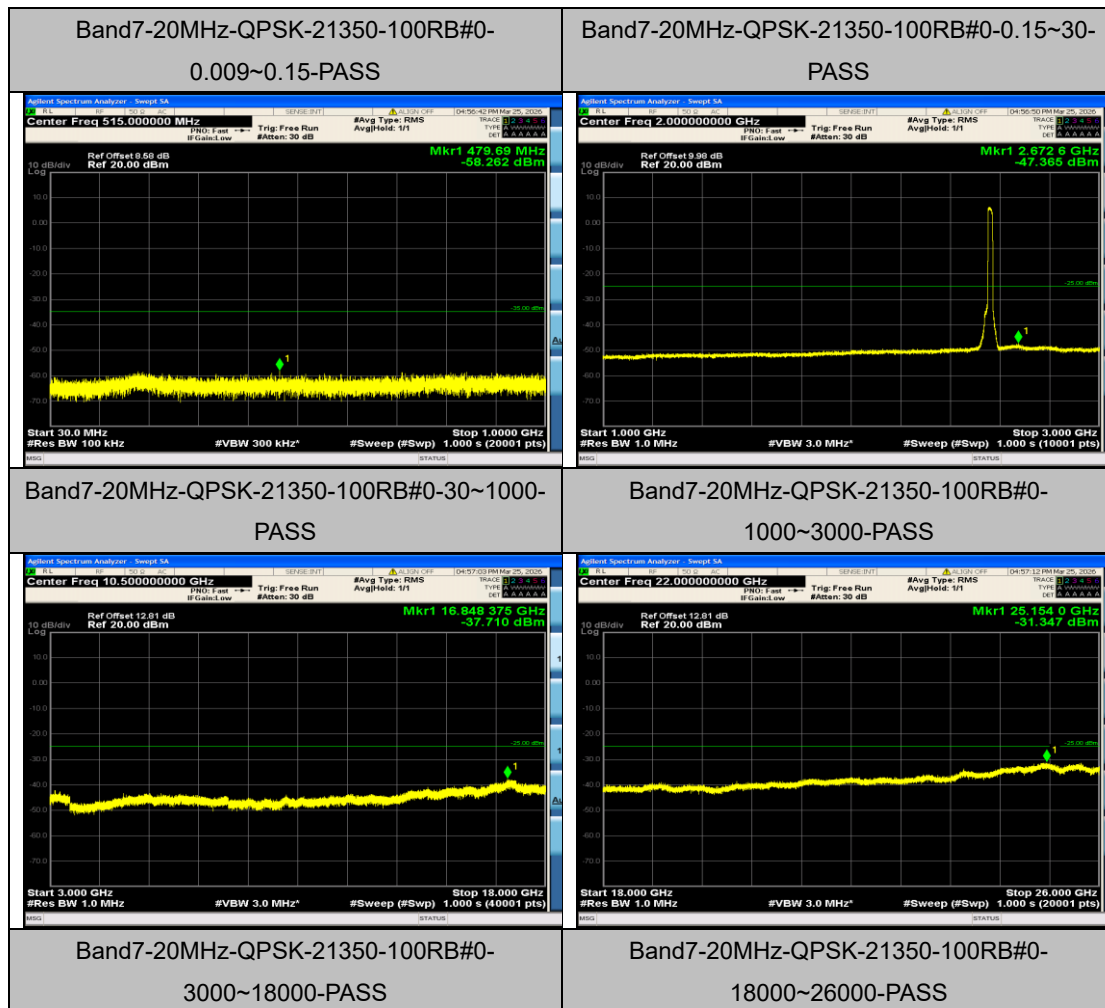












Appendix F: Frequency Stability

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	9.83	0.003928	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	5.58	0.002230	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	7.15	0.002857	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	5.76	0.002302	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	6.04	0.002414	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	6.79	0.002713	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	7.47	0.002985	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	5.99	0.002394	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	7.24	0.002893	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	11.04	0.004412	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	5.35	0.002138	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-10	6.87	0.002745	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	5.98	0.002390	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	11.14	0.004452	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	6.74	0.002693	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	9.36	0.003740	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	5.99	0.002394	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	5.58	0.002230	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	6.78	0.002675	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	4.01	0.001582	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-5.36	-0.002114	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-3.66	-0.001444	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-7.31	-0.002884	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-9.27	-0.003657	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-6.42	-0.002533	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-6.64	-0.002619	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-5.91	-0.002331	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-4.66	-0.001838	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-3.92	-0.001546	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-10	6.57	0.002592	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-8.48	-0.003345	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-8.17	-0.003223	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-7.93	-0.003128	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-7.41	-0.002923	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-7.81	-0.003081	±2.5	PASS

Band7	5MHz	16QAM	21100	25RB#0	NV	50	-6.34	-0.002501	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-5.18	-0.002018	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	6.91	0.002691	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	9.71	0.003782	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-6.68	-0.002602	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-5.41	-0.002107	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	5.54	0.002158	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	5.98	0.002329	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	7.12	0.002773	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	6.68	0.002602	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	6.32	0.002462	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	9.60	0.003739	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-10	4.15	0.001616	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	7.54	0.002937	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	9.36	0.003646	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	6.91	0.002691	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	7.60	0.002960	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	40	9.97	0.003883	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	7.93	0.003089	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-11.26	-0.004495	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-3.52	-0.001405	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-7.00	-0.002794	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-5.95	-0.002375	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-4.19	-0.001673	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-4.51	-0.001800	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-5.14	-0.002052	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-7.51	-0.002998	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-7.40	-0.002954	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	4.78	0.001886	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-8.14	-0.003211	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-5.26	-0.002075	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	3.86	0.001523	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-7.45	-0.002939	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-3.79	-0.001495	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-10.16	-0.004008	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	3.06	0.001207	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-8.81	-0.003475	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	3.92	0.001528	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-6.42	-0.002503	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-7.75	-0.003021	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-7.65	-0.002982	±2.5	PASS

Band7	10MHz	QPSK	21400	50RB#0	NV	10	-5.32	-0.002074	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-8.78	-0.003423	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-5.79	-0.002257	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-7.81	-0.003045	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-7.01	-0.002733	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	5.84	0.002329	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	3.76	0.001500	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	4.59	0.001831	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	7.30	0.002911	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	4.79	0.001910	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-8.40	-0.003350	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	7.27	0.002899	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	7.20	0.002871	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-4.23	-0.001687	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-7.07	-0.002789	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	4.75	0.001874	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-7.40	-0.002919	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	5.98	0.002359	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-9.54	-0.003763	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-6.81	-0.002686	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-10.03	-0.003957	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-7.28	-0.002872	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-8.64	-0.003408	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	4.28	0.001670	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	6.29	0.002455	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	5.02	0.001959	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	8.81	0.003438	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	3.13	0.001221	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	6.37	0.002486	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	5.01	0.001955	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	7.94	0.003099	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	7.61	0.002970	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	5.98	0.002382	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	6.72	0.002677	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	4.06	0.001618	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	8.91	0.003550	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	7.85	0.003127	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	4.12	0.001641	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	5.45	0.002171	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	5.18	0.002064	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	6.14	0.002446	±2.5	PASS

Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-5.82	-0.002296	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-6.12	-0.002414	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-5.48	-0.002162	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-5.16	-0.002036	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-6.97	-0.002750	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-4.79	-0.001890	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-4.36	-0.001720	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-5.01	-0.001976	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-6.11	-0.002410	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	4.56	0.001781	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-5.85	-0.002285	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	3.93	0.001535	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	3.96	0.001547	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-5.11	-0.001996	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	5.89	0.002301	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	6.68	0.002609	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	4.75	0.001855	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-3.19	-0.001246	±2.5	PASS