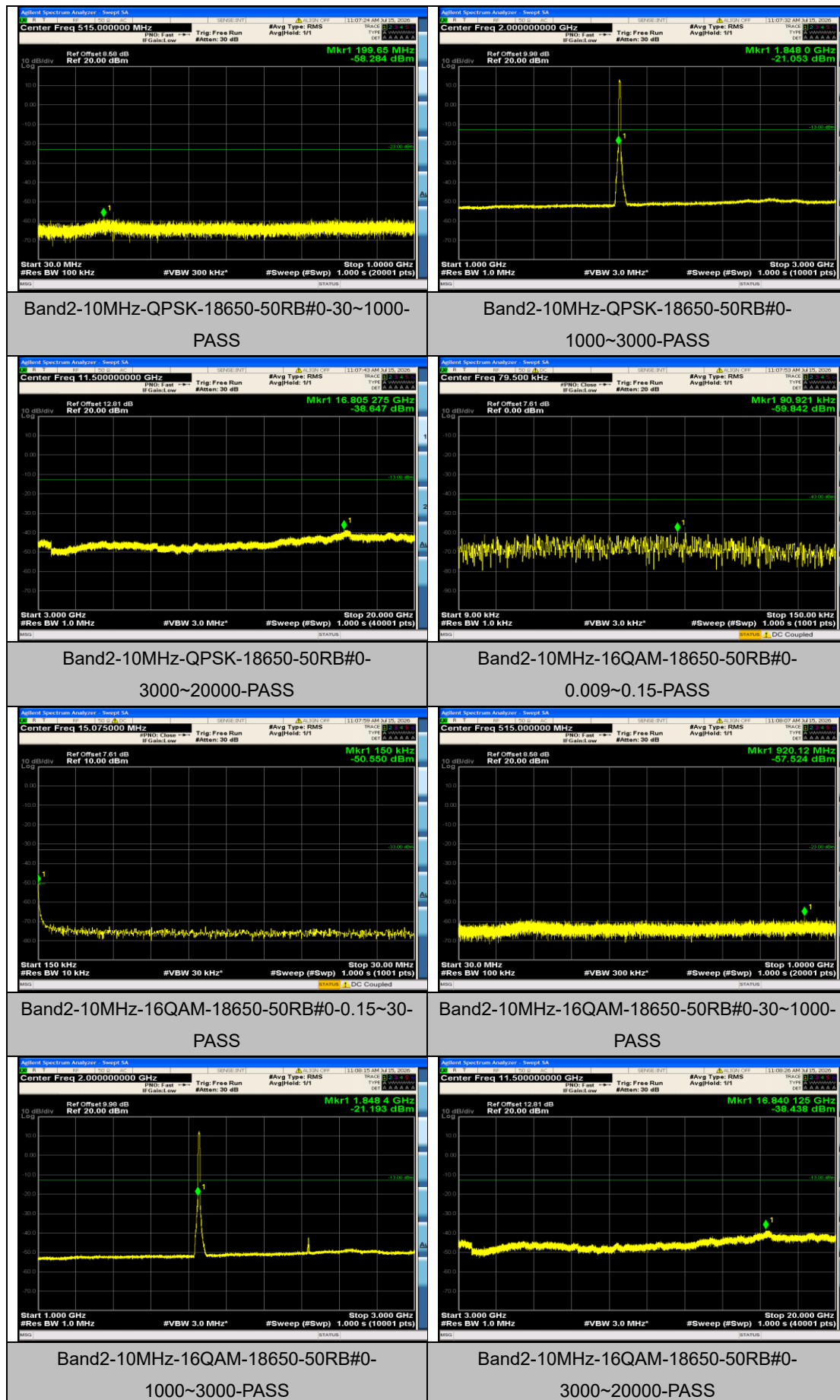
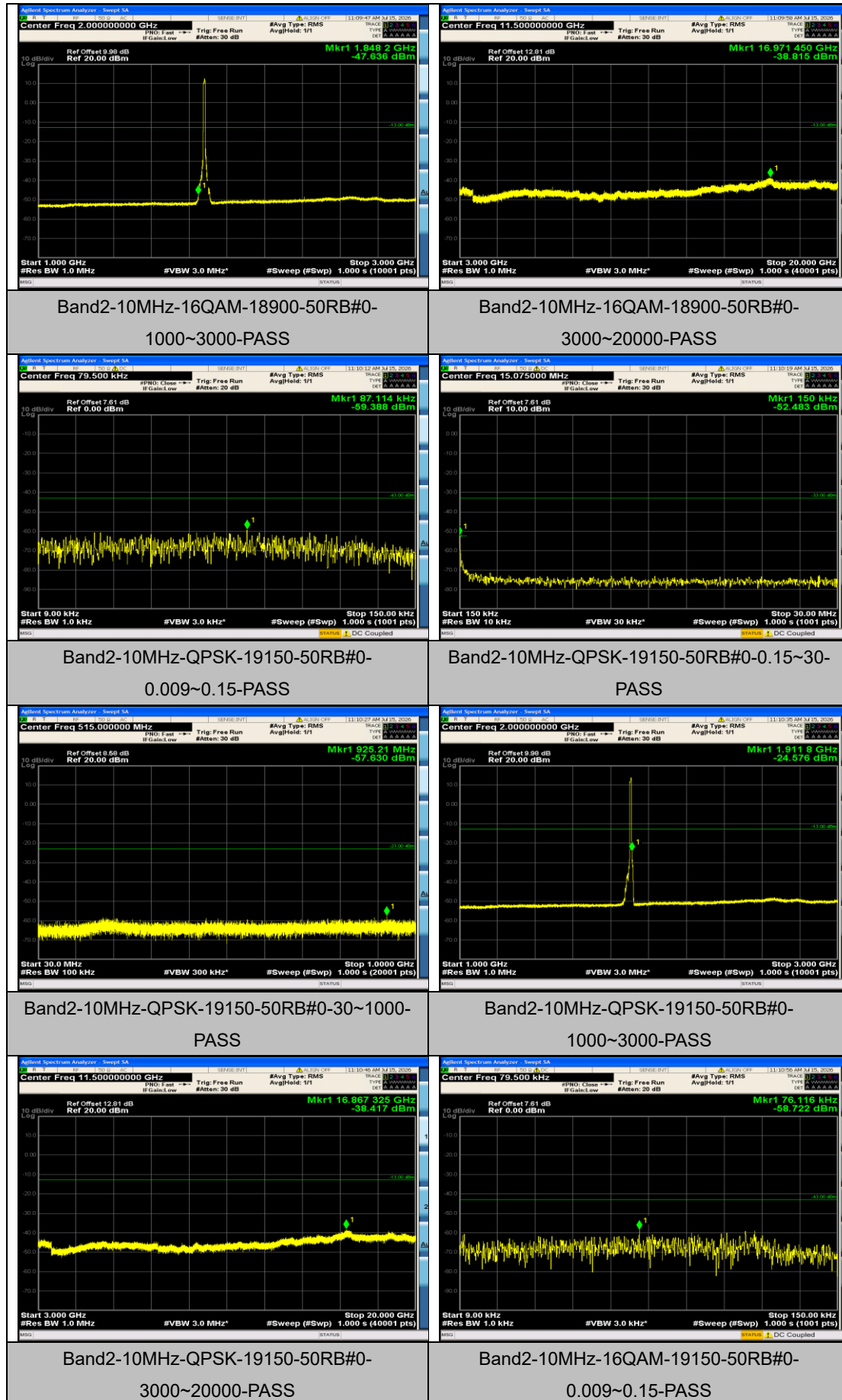
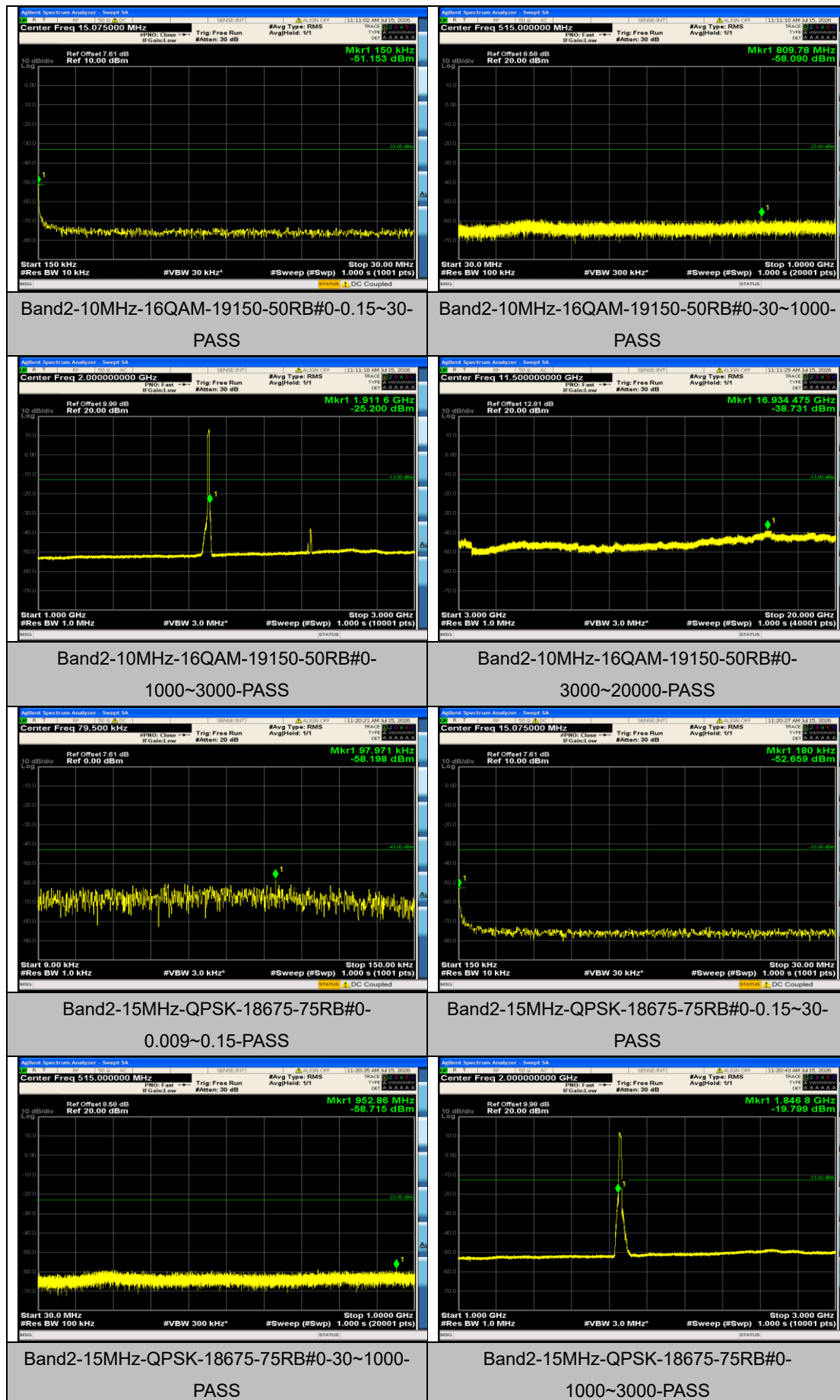
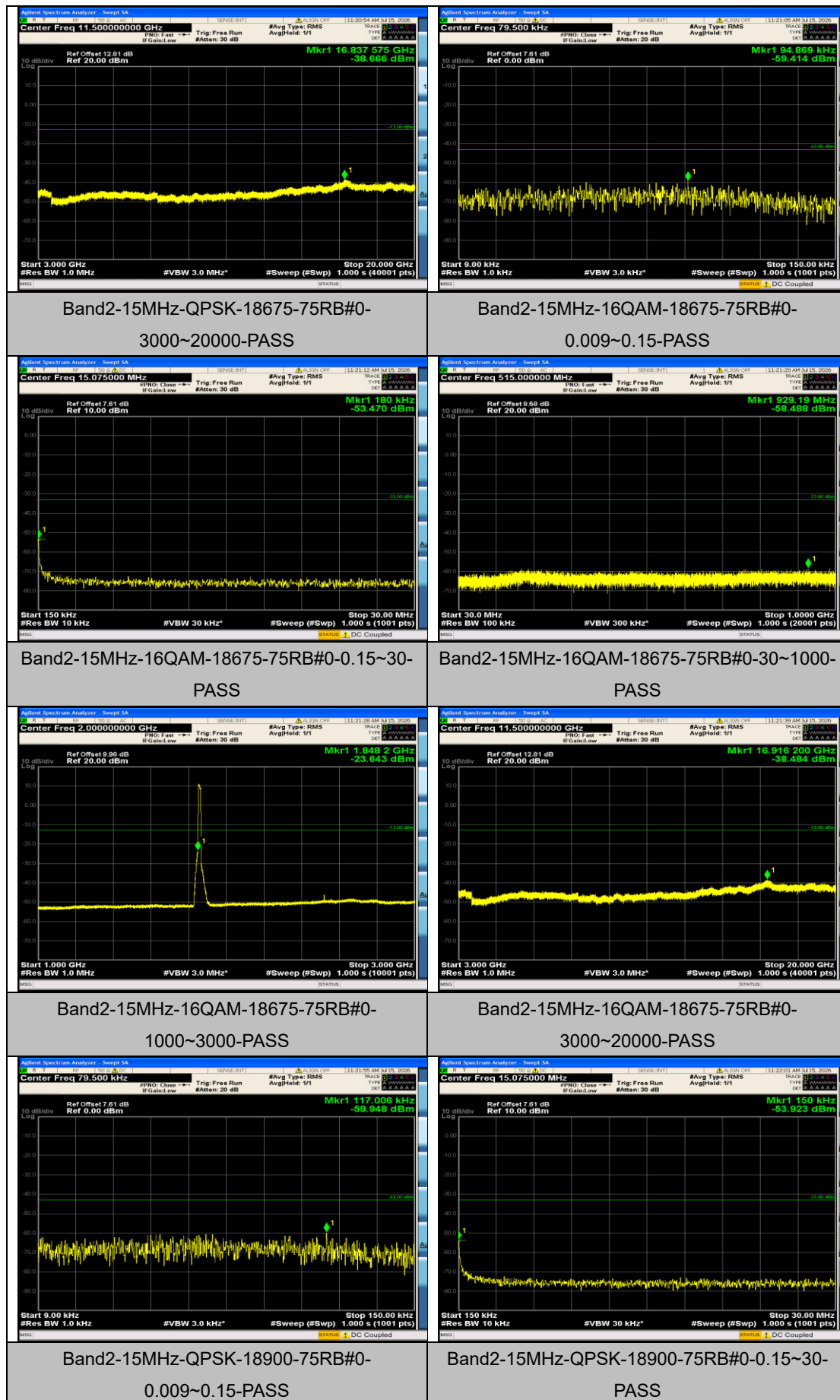
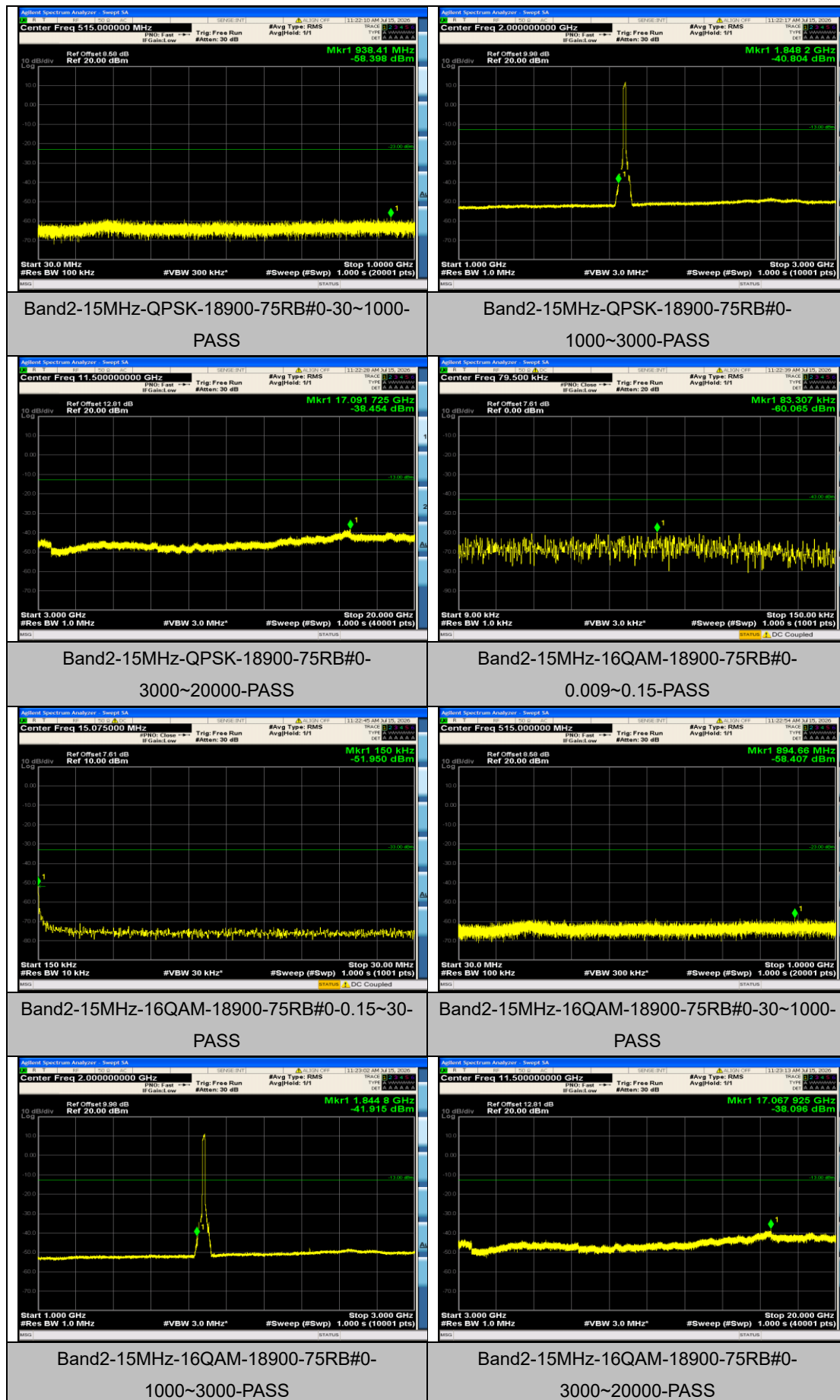


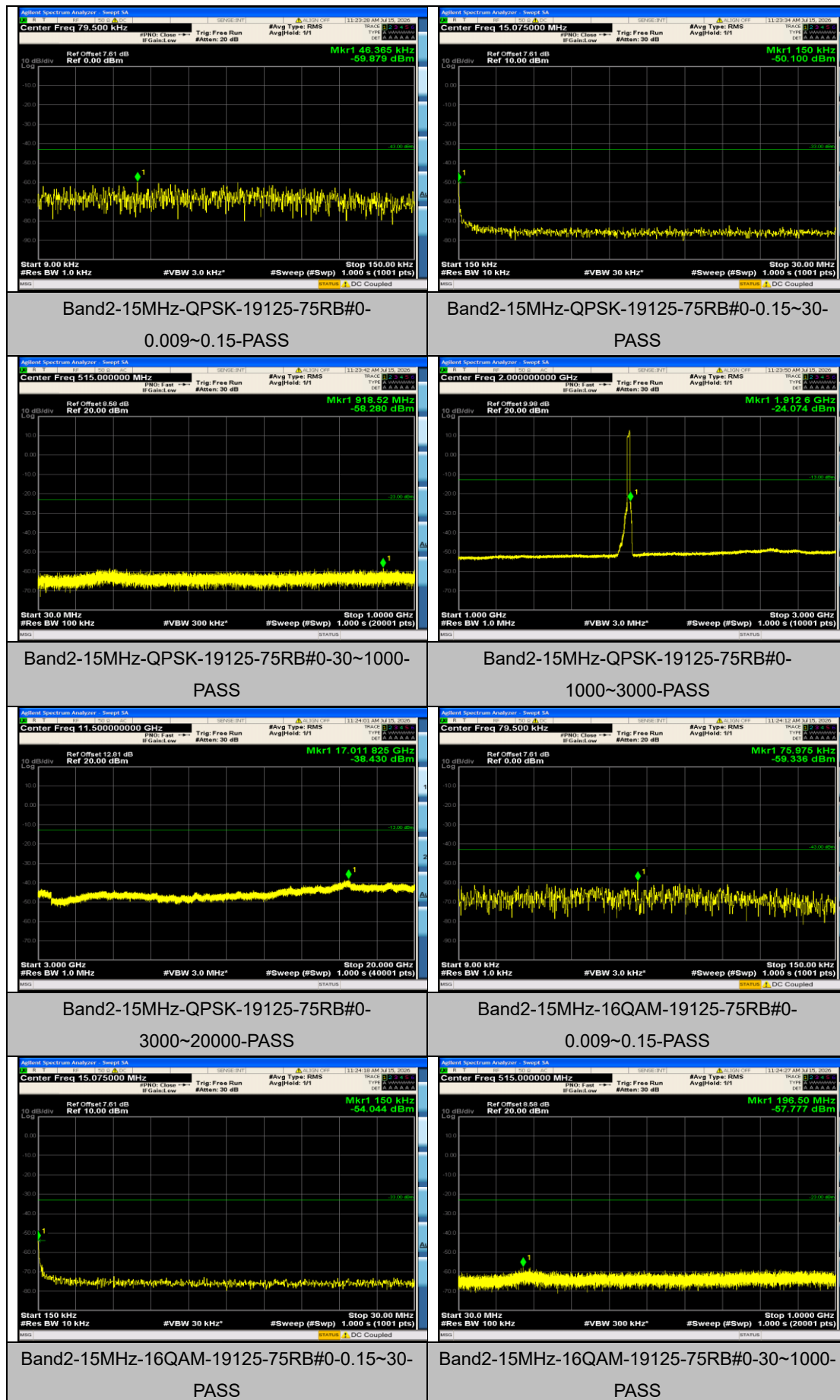


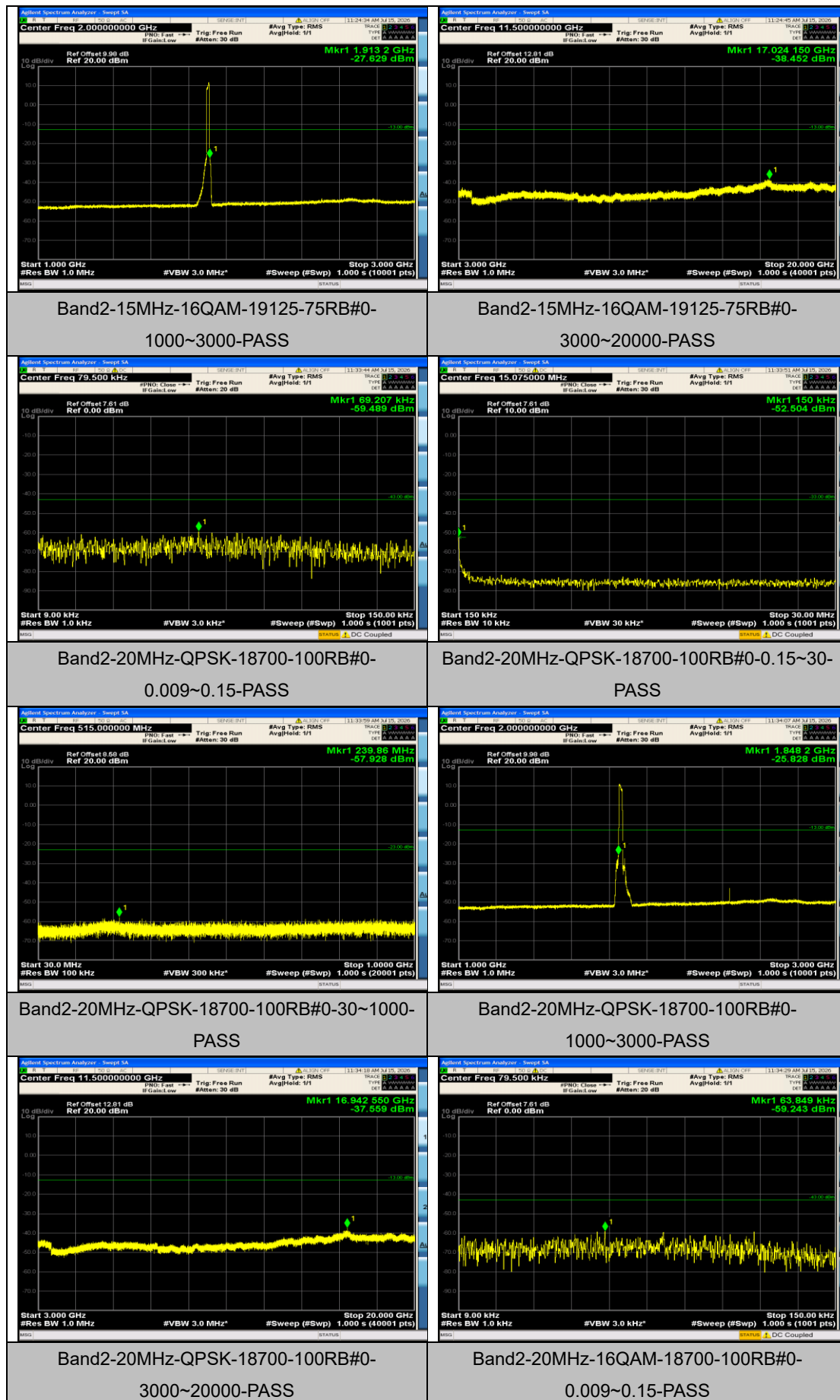


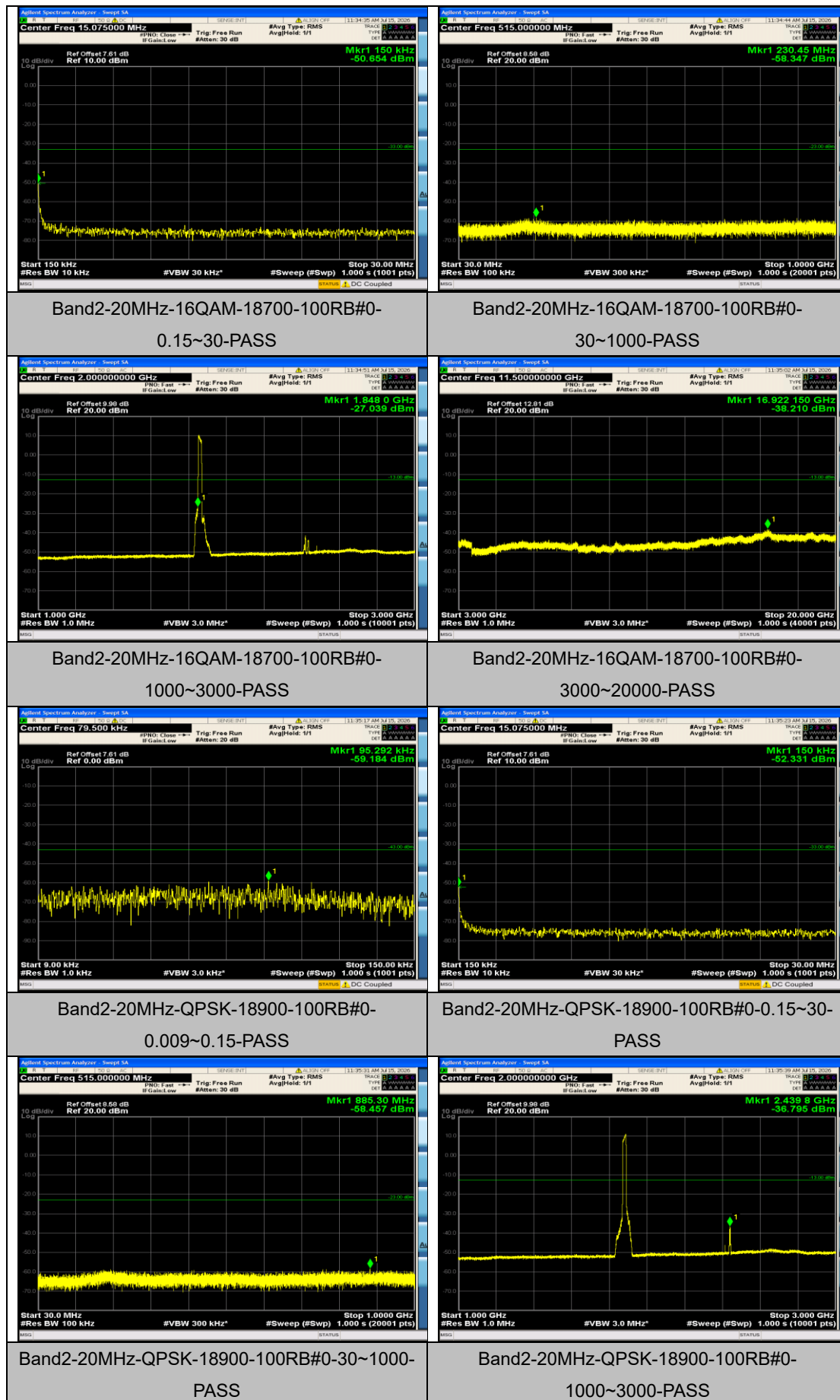


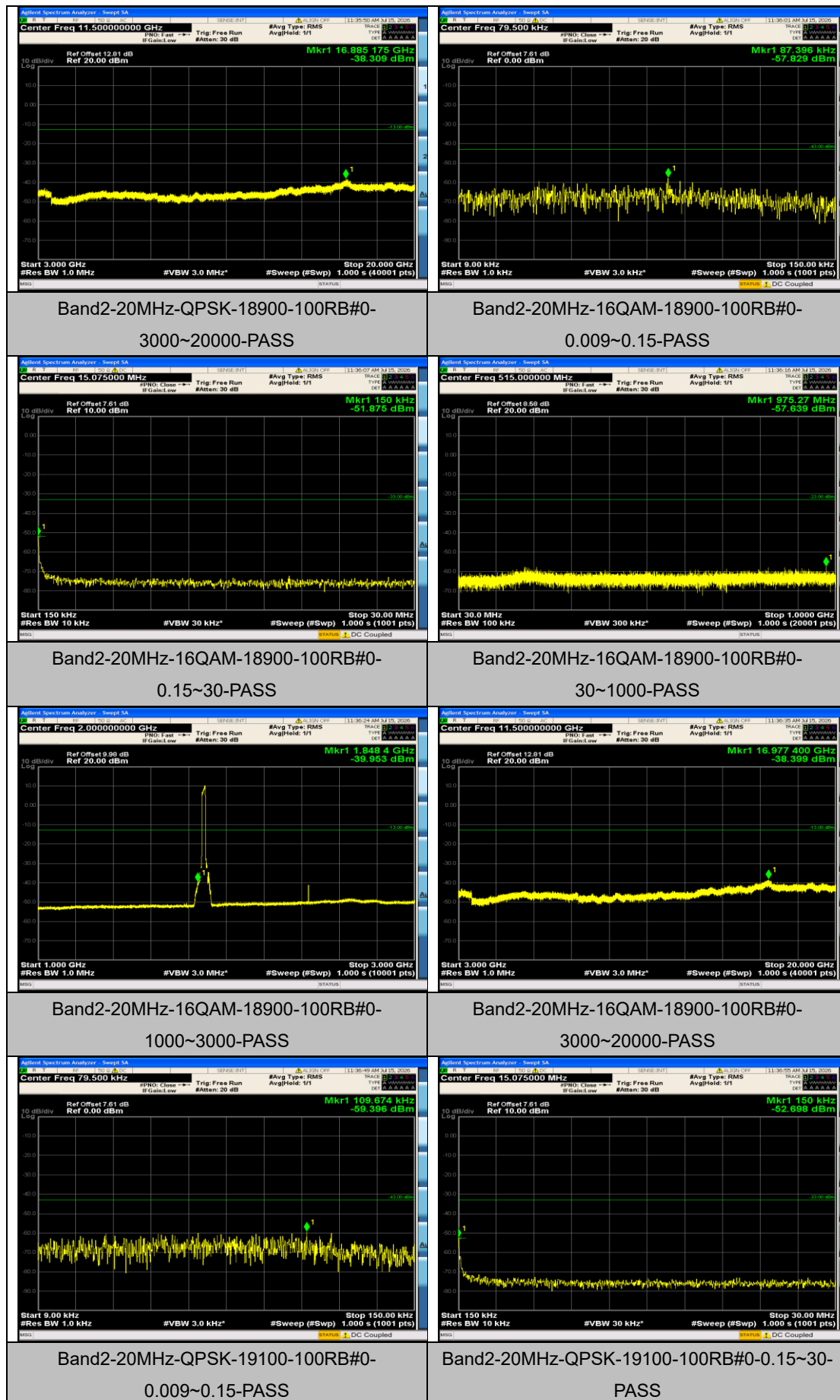


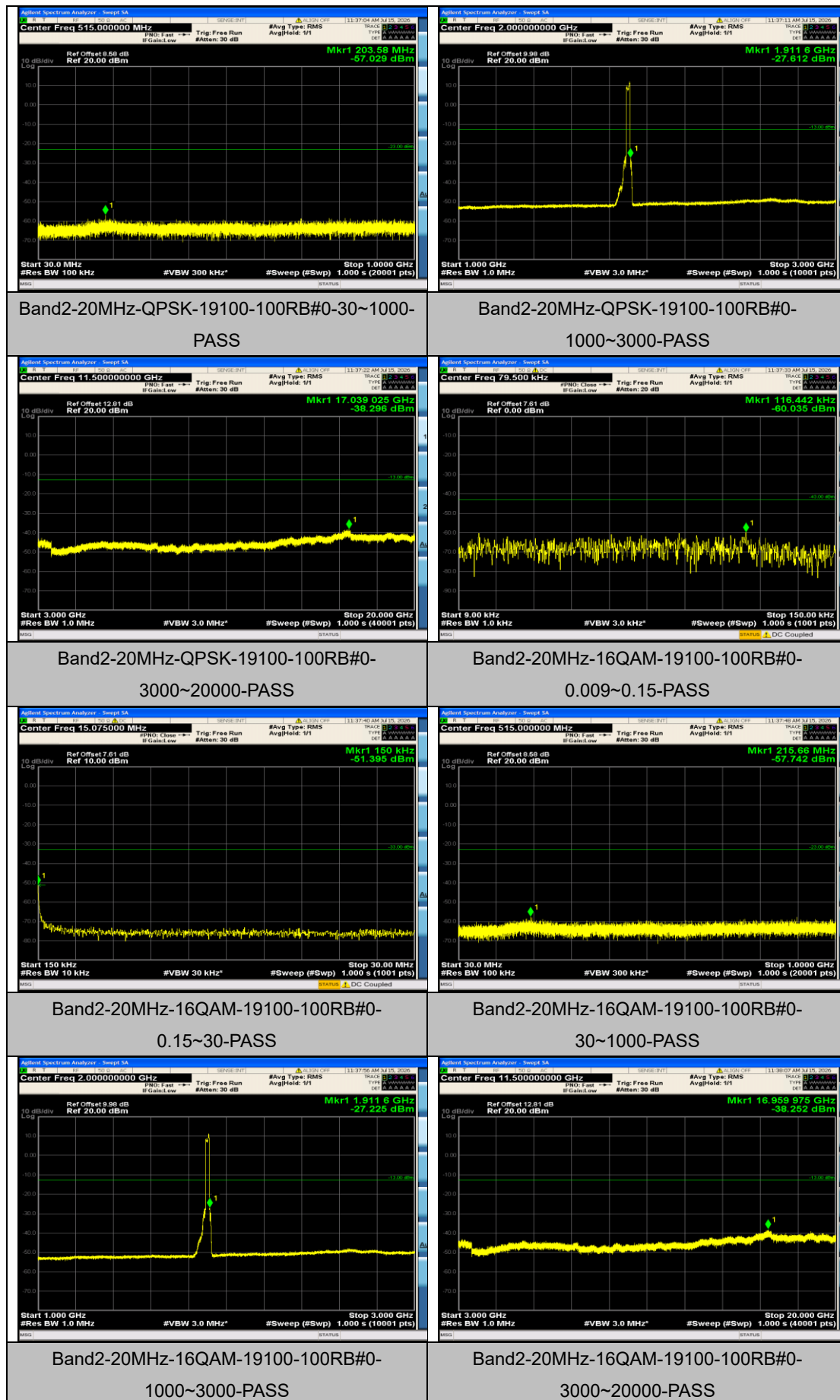












Appendix F: Frequency Stability

Test Result

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	-10.40	-0.005619	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	-29.67	-0.016032	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	-41.83	-0.022602	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	-8.84	-0.004777	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	-25.76	-0.013919	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-38.92	-0.021030	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	-12.16	-0.006570	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	-29.58	-0.015983	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	-43.52	-0.023515	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	-24.93	-0.013471	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	-33.02	-0.017842	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	-39.25	-0.021208	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-45.82	-0.024758	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-5.97	-0.003226	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-12.12	-0.006549	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	-19.77	-0.010682	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-31.69	-0.017123	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	-38.57	-0.020841	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-54.12	-0.028787	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-35.08	-0.018660	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	-12.55	-0.006676	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-32.92	-0.017511	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-16.91	-0.008995	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-39.08	-0.020787	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	-8.65	-0.004601	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	-27.07	-0.014399	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	-13.73	-0.007303	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	7.18	0.003819	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	-14.99	-0.007973	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-23.62	-0.012564	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	-35.76	-0.019021	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	-47.52	-0.025277	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-54.62	-0.029053	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	-31.31	-0.016654	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	-42.46	-0.022585	±2.5	PASS

Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	-50.91	-0.027080	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	-6.85	-0.003588	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	-17.15	-0.008982	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	-27.79	-0.014555	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-41.18	-0.021568	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	-51.18	-0.026806	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-12.39	-0.006489	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	-21.80	-0.011418	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	-34.72	-0.018185	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	-42.92	-0.022479	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	-10.24	-0.005363	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	-13.50	-0.007071	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	-13.55	-0.007097	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	-8.74	-0.004578	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	-9.10	-0.004766	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	-17.44	-0.009134	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	-16.32	-0.008548	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	-22.04	-0.011543	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	-27.51	-0.014408	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	21.49	0.011607	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-20	24.18	0.013060	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	20.57	0.011110	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	17.52	0.009463	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	10.73	0.005795	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	11.74	0.006341	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	6.42	0.003467	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	-5.91	-0.003192	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	50	7.31	0.003948	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-30	24.33	0.013141	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	19.10	0.010316	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-10	31.80	0.017175	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	34.07	0.018401	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	33.43	0.018056	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	29.53	0.015949	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	30	27.48	0.014842	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	40	23.83	0.012871	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	50	21.20	0.011450	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	5.71	0.003037	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	-19.68	-0.010468	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	-27.84	-0.014809	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	-38.12	-0.020277	±2.5	PASS

Band2	3MHz	QPSK	18900	15RB#0	NV	10	-49.55	-0.026356	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	-17.85	-0.009495	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	-29.97	-0.015941	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	-39.77	-0.021154	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	-45.49	-0.024197	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	6.32	0.003362	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	-4.51	-0.002399	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-10	-7.08	-0.003766	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	-8.07	-0.004293	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	-16.45	-0.008750	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	-21.64	-0.011511	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	-26.06	-0.013862	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	-30.14	-0.016032	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	50	-35.18	-0.018713	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	3.69	0.001933	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-20	-10.27	-0.005381	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	-14.06	-0.007367	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	-13.73	-0.007194	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	-12.89	-0.006754	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	-12.50	-0.006550	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	-10.34	-0.005418	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	-9.98	-0.005229	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	-11.01	-0.005769	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-30	7.71	0.004040	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-20	12.23	0.006408	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-10	17.54	0.009190	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	23.83	0.012486	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	21.64	0.011339	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	18.30	0.009589	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	30	17.64	0.009243	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	40	17.28	0.009054	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	50	22.12	0.011590	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	16.47	0.008891	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	16.67	0.008999	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-10	12.86	0.006942	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	12.47	0.006731	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	8.93	0.004821	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	6.12	0.003304	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	30	4.98	0.002688	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	40	5.24	0.002829	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	50	9.17	0.004950	±2.5	PASS

Band2	5MHz	16QAM	18625	25RB#0	NV	-30	16.87	0.009107	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	19.70	0.010634	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-10	24.81	0.013393	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	25.22	0.013614	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	22.93	0.012378	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	27.71	0.014958	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	30	31.19	0.016837	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	40	29.58	0.015968	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	50	29.14	0.015730	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	-38.65	-0.020559	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	-51.60	-0.027447	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-10	3.29	0.001750	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	-7.07	-0.003761	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	-11.76	-0.006255	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	-24.28	-0.012915	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	-38.08	-0.020255	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	-38.47	-0.020463	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	-43.72	-0.023255	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	-47.18	-0.025096	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	-42.33	-0.022516	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	-42.59	-0.022654	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	-46.96	-0.024979	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	-44.93	-0.023899	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	-42.49	-0.022601	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	-42.67	-0.022697	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	-47.72	-0.025383	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	-49.71	-0.026441	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	-25.49	-0.013363	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	-32.56	-0.017069	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-10	-36.06	-0.018904	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	-42.72	-0.022396	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	-47.56	-0.024933	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	-48.14	-0.025237	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	30	-45.50	-0.023853	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	40	-47.74	-0.025028	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	50	-48.71	-0.025536	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	-42.92	-0.022501	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-20	-37.81	-0.019822	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-10	-34.82	-0.018254	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	-32.90	-0.017248	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	-35.86	-0.018799	±2.5	PASS

Band2	5MHz	16QAM	19175	25RB#0	NV	20	-34.25	-0.017955	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	30	-36.48	-0.019125	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	40	-38.29	-0.020073	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	50	-41.46	-0.021735	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	6.41	0.003456	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	3.83	0.002065	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	-4.22	-0.002275	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	-5.35	-0.002884	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-15.36	-0.008280	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-19.08	-0.010286	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-17.74	-0.009563	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	-21.21	-0.011434	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	50	-12.00	-0.006469	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	12.57	0.006776	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	13.68	0.007375	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	15.74	0.008485	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	17.88	0.009639	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	17.38	0.009369	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	25.32	0.013650	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	28.51	0.015369	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	30.48	0.016431	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	33.32	0.017962	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	-54.32	-0.028894	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	-21.23	-0.011293	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	-29.71	-0.015803	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	-37.02	-0.019691	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	-44.07	-0.023441	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	9.28	0.004936	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	8.00	0.004255	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	-8.33	-0.004431	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	-17.32	-0.009213	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	-16.75	-0.008910	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	-17.45	-0.009282	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	-17.28	-0.009191	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	-21.70	-0.011543	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	-26.36	-0.014021	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	-26.72	-0.014213	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	-25.79	-0.013718	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	-28.40	-0.015106	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	50	-27.21	-0.014473	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	-21.20	-0.011129	±2.5	PASS

Band2	10MHz	QPSK	19150	50RB#0	NV	-20	-29.88	-0.015685	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	-41.36	-0.021711	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-13.99	-0.007344	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-15.23	-0.007995	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	-23.09	-0.012121	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	-29.23	-0.015344	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	-31.53	-0.016551	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	-37.02	-0.019433	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-30	-31.10	-0.016325	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-20	-33.56	-0.017617	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	-10	-35.93	-0.018861	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	0	-39.42	-0.020693	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	10	-44.32	-0.023265	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	20	-43.00	-0.022572	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	30	-45.08	-0.023664	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	40	-43.60	-0.022887	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	NV	50	-46.83	-0.024583	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-30	10.74	0.005782	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-20	10.91	0.005873	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	-10	10.10	0.005437	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	0	9.74	0.005244	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	10	12.92	0.006956	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	20	18.90	0.010175	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	30	32.62	0.017561	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	40	35.42	0.019069	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	NV	50	34.20	0.018412	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-30	22.57	0.012151	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-20	27.07	0.014573	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	-10	34.89	0.018783	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	0	35.82	0.019284	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	10	44.75	0.024092	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	20	46.96	0.025281	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	30	50.20	0.027026	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	40	7.25	0.003903	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	NV	50	16.09	0.008662	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-30	-38.29	-0.020367	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-20	-53.73	-0.028580	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	-10	6.71	0.003569	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	0	-4.71	-0.002505	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	10	-12.66	-0.006734	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	20	-16.77	-0.008920	±2.5	PASS

Band2	15MHz	QPSK	18900	75RB#0	NV	30	-21.94	-0.011670	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	40	-28.71	-0.015271	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	NV	50	-37.68	-0.020043	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-30	-21.66	-0.011521	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-20	-31.09	-0.016537	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	-10	-33.53	-0.017835	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	0	-30.14	-0.016032	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	10	-35.91	-0.019101	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	20	-39.40	-0.020957	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	30	-41.67	-0.022165	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	40	-48.55	-0.025824	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	NV	50	13.05	0.006941	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-30	-23.50	-0.012352	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-20	-33.90	-0.017819	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	-10	-42.49	-0.022334	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	0	3.16	0.001661	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	10	-13.35	-0.007017	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	20	-23.26	-0.012226	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	30	-23.57	-0.012389	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	40	-32.46	-0.017062	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	NV	50	-30.93	-0.016258	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-30	-44.60	-0.023443	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-20	-42.17	-0.022166	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	-10	-41.38	-0.021750	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	0	-40.18	-0.021120	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	10	-35.63	-0.018728	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	20	-41.77	-0.021955	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	30	-41.06	-0.021582	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	40	-44.69	-0.023490	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	NV	50	-7.04	-0.003700	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	33.67	0.018102	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	36.51	0.019629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-10	34.79	0.018704	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	47.65	0.025618	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	-16.05	-0.008629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	-14.91	-0.008016	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	-16.85	-0.009059	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	-14.51	-0.007801	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	-12.92	-0.006946	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	25.49	0.013704	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	30.40	0.016344	±2.5	PASS

Band2	20MHz	16QAM	18700	100RB#0	NV	-10	33.99	0.018274	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	33.96	0.018258	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	32.07	0.017242	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	30.58	0.016441	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	29.11	0.015651	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	34.22	0.018398	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	36.16	0.019441	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-40.97	-0.021793	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-50.53	-0.026878	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	7.90	0.004202	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-8.80	-0.004681	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-14.20	-0.007553	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-14.36	-0.007638	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-24.62	-0.013096	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-28.01	-0.014899	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-33.56	-0.017851	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-19.30	-0.010266	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-24.36	-0.012957	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-10	-26.22	-0.013947	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-28.20	-0.015000	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-26.58	-0.014138	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-28.50	-0.015160	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-31.36	-0.016681	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-35.83	-0.019059	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-38.04	-0.020234	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-10.93	-0.005753	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-15.75	-0.008289	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-10	-23.70	-0.012474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-26.48	-0.013937	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-29.48	-0.015516	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-35.96	-0.018926	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	8.97	0.004721	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	6.82	0.003589	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-4.68	-0.002463	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-18.08	-0.009516	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-14.22	-0.007484	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-10	-18.65	-0.009816	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-17.58	-0.009253	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-16.85	-0.008868	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-14.96	-0.007874	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-19.96	-0.010505	±2.5	PASS

Band2	20MHz	16QAM	19100	100RB#0	NV	40	-18.34	-0.009653	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-20.80	-0.010947	±2.5	PASS

Appendix G: Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	PASS
Band2	3MHz	QPSK	18615	15RB#0	PASS
Band2	3MHz	16QAM	18615	15RB#0	PASS
Band2	3MHz	QPSK	18900	15RB#0	PASS
Band2	3MHz	16QAM	18900	15RB#0	PASS
Band2	3MHz	QPSK	19185	15RB#0	PASS
Band2	3MHz	16QAM	19185	15RB#0	PASS
Band2	5MHz	QPSK	18625	25RB#0	PASS
Band2	5MHz	16QAM	18625	25RB#0	PASS
Band2	5MHz	QPSK	18900	25RB#0	PASS
Band2	5MHz	16QAM	18900	25RB#0	PASS
Band2	5MHz	QPSK	19175	25RB#0	PASS
Band2	5MHz	16QAM	19175	25RB#0	PASS
Band2	10MHz	QPSK	18650	50RB#0	PASS
Band2	10MHz	16QAM	18650	50RB#0	PASS
Band2	10MHz	QPSK	18900	50RB#0	PASS
Band2	10MHz	16QAM	18900	50RB#0	PASS
Band2	10MHz	QPSK	19150	50RB#0	PASS
Band2	10MHz	16QAM	19150	50RB#0	PASS
Band2	15MHz	QPSK	18675	75RB#0	PASS
Band2	15MHz	16QAM	18675	75RB#0	PASS
Band2	15MHz	QPSK	18900	75RB#0	PASS
Band2	15MHz	16QAM	18900	75RB#0	PASS
Band2	15MHz	QPSK	19125	75RB#0	PASS
Band2	15MHz	16QAM	19125	75RB#0	PASS
Band2	20MHz	QPSK	18700	100RB#0	PASS
Band2	20MHz	16QAM	18700	100RB#0	PASS
Band2	20MHz	QPSK	18900	100RB#0	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS
Band2	20MHz	QPSK	19100	100RB#0	PASS
Band2	20MHz	16QAM	19100	100RB#0	PASS