

FCC LTE Band Test Data

FCC ID : 2BM9D-S25ULTRA

Company: : Shenzhen Jiaqi Technology Co., Ltd.

EUT : SMART PHONE

Model Number : S25 Ultra

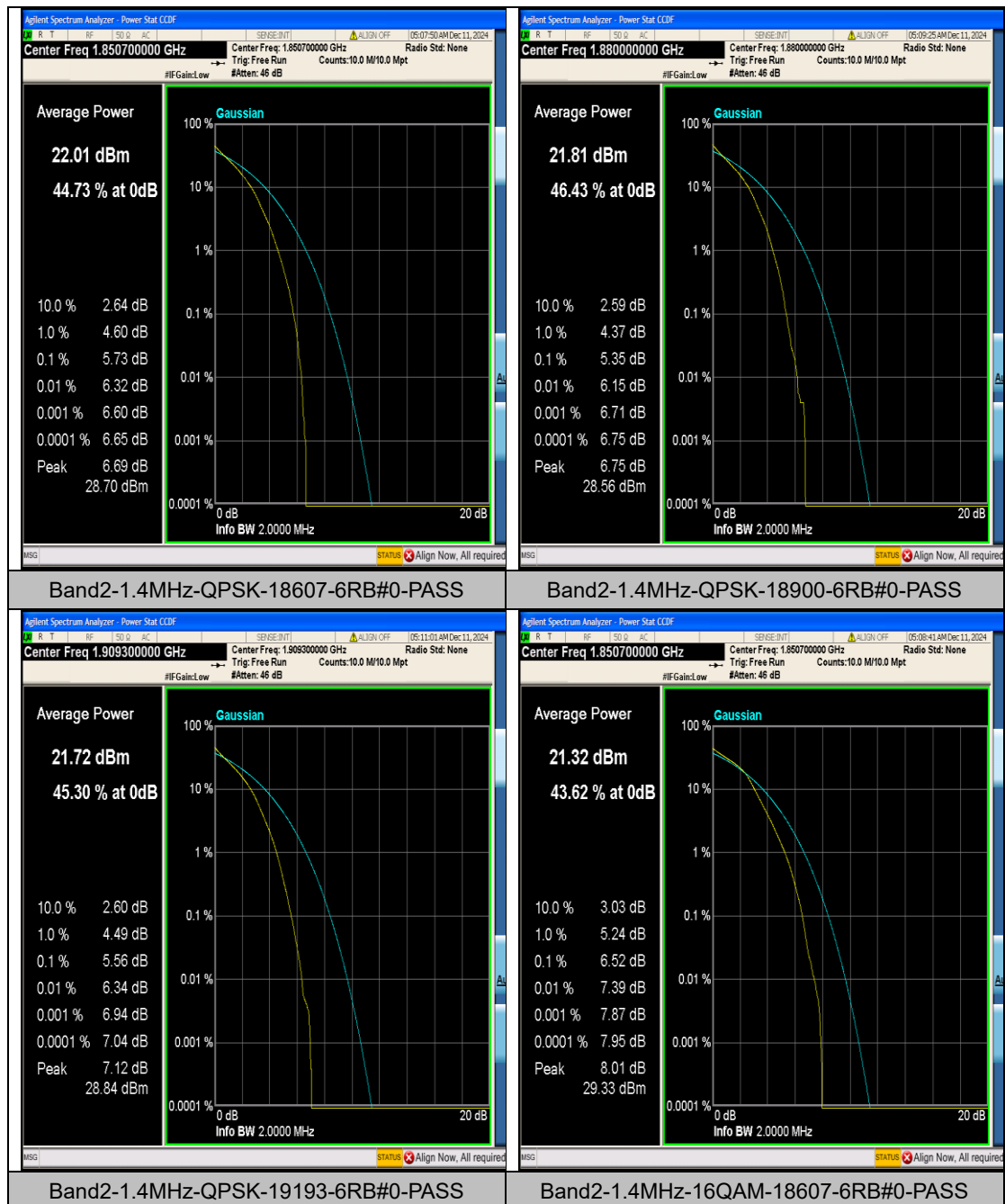
Reviewed By : Eric Wang

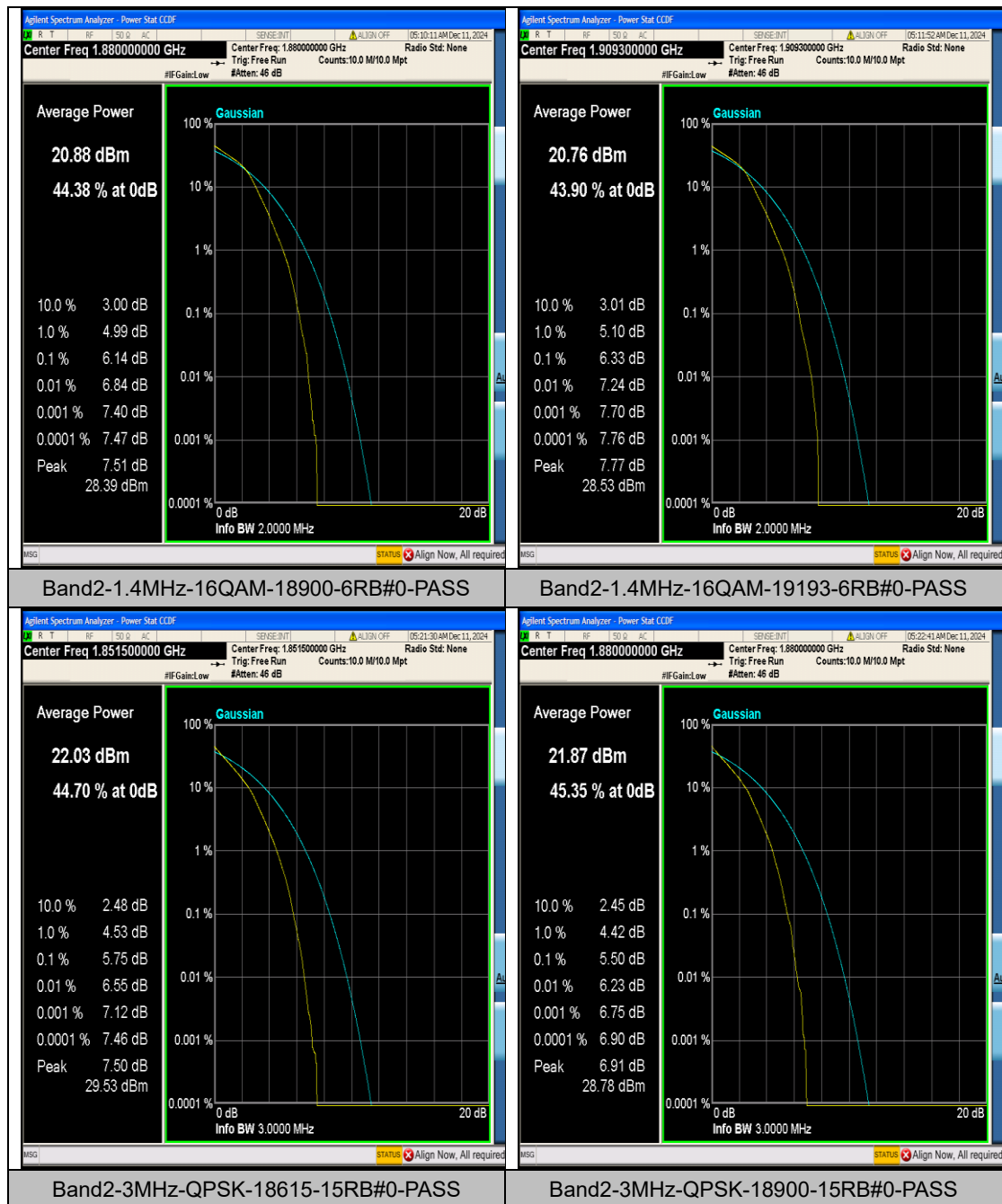
Appendix B: Peak-to-Average Ratio(CCDF)

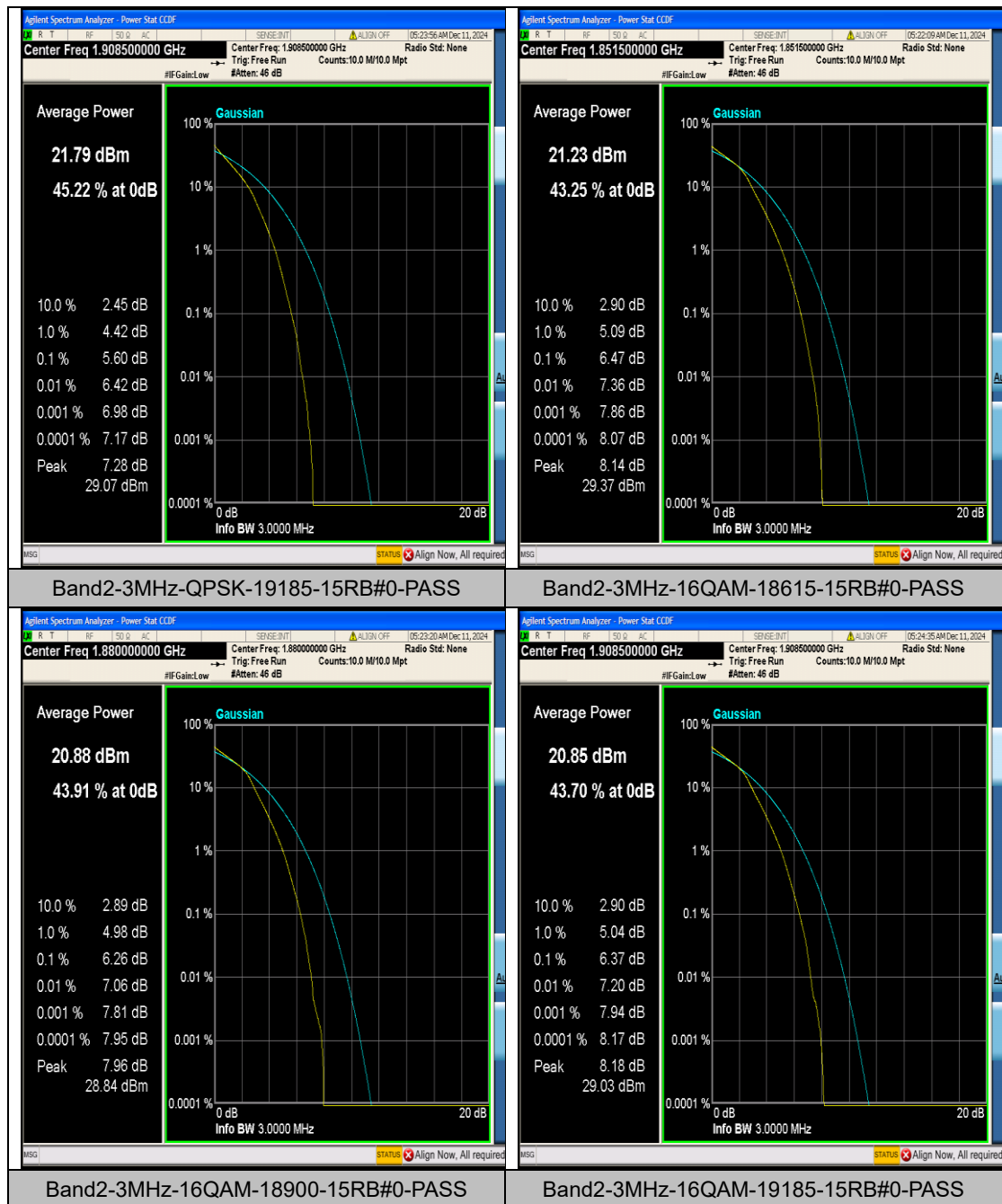
Test Result

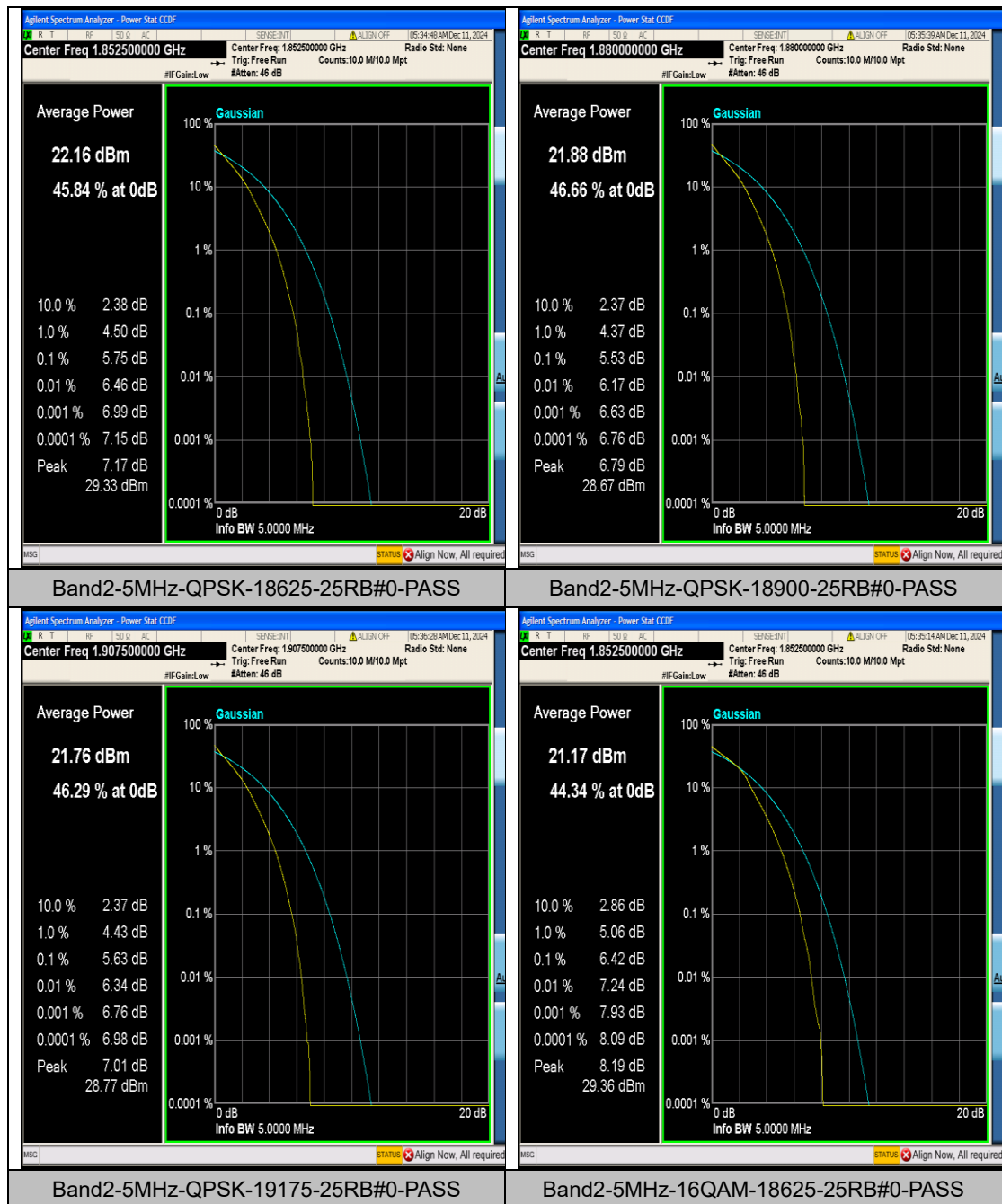
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.73	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.35	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.56	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.52	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.14	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.33	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.75	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.50	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.60	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.47	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.26	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.37	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.75	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.53	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.63	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.42	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.20	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.27	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.82	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.59	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.74	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.52	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.23	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.39	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	6.12	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.85	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	6.11	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.58	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.34	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.56	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.80	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.67	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.85	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.58	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.38	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.48	13	PASS

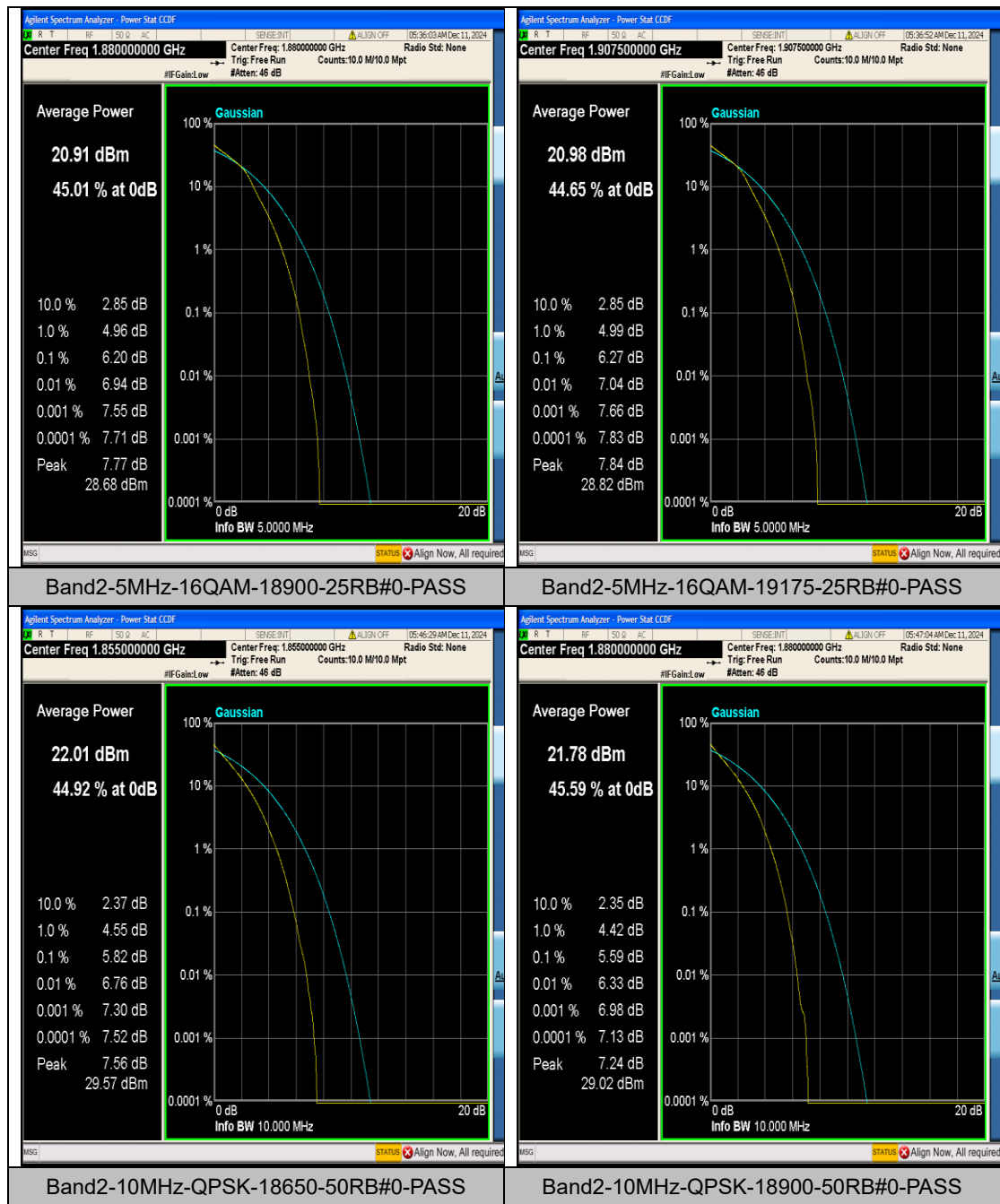
Test Graphs

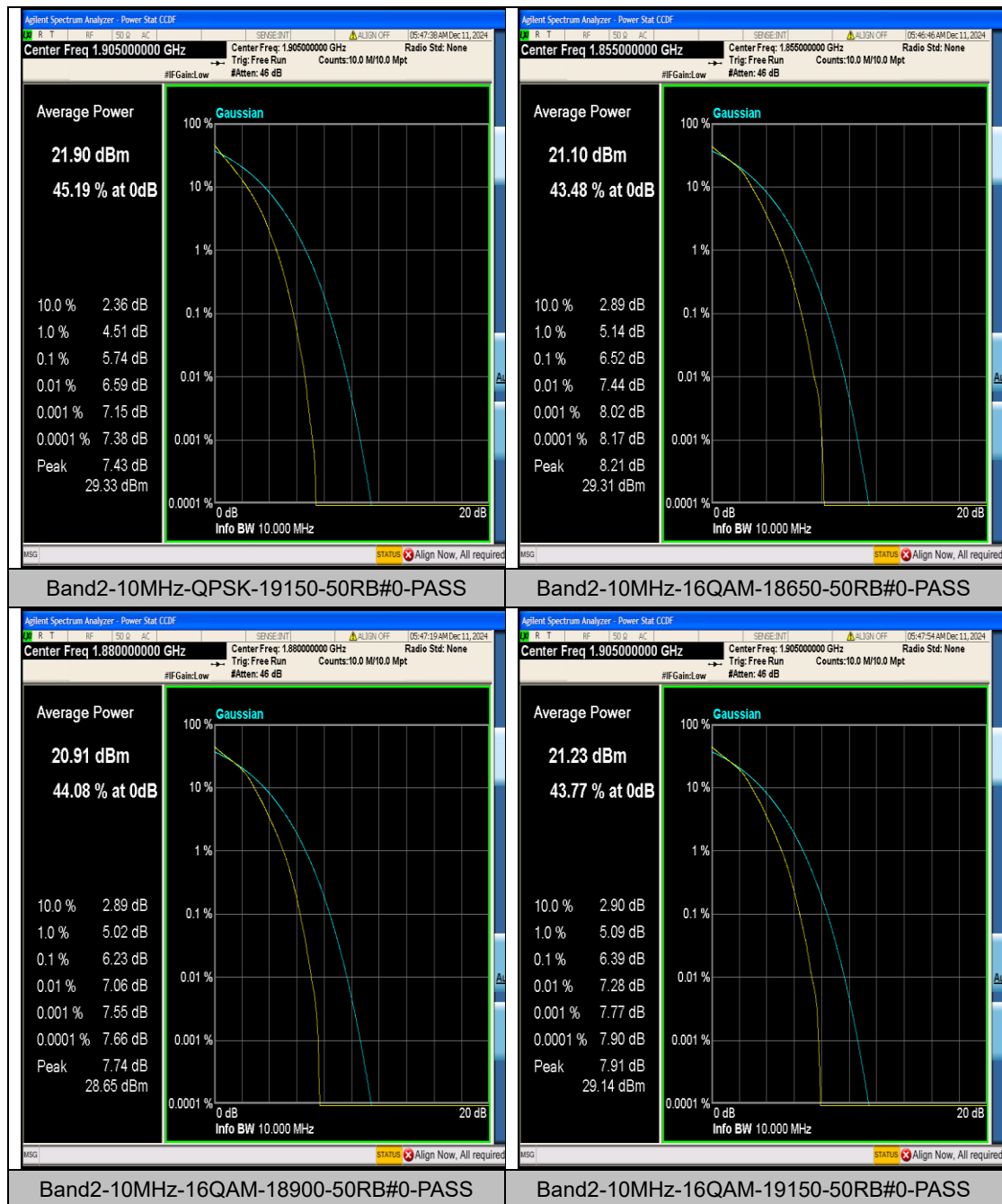


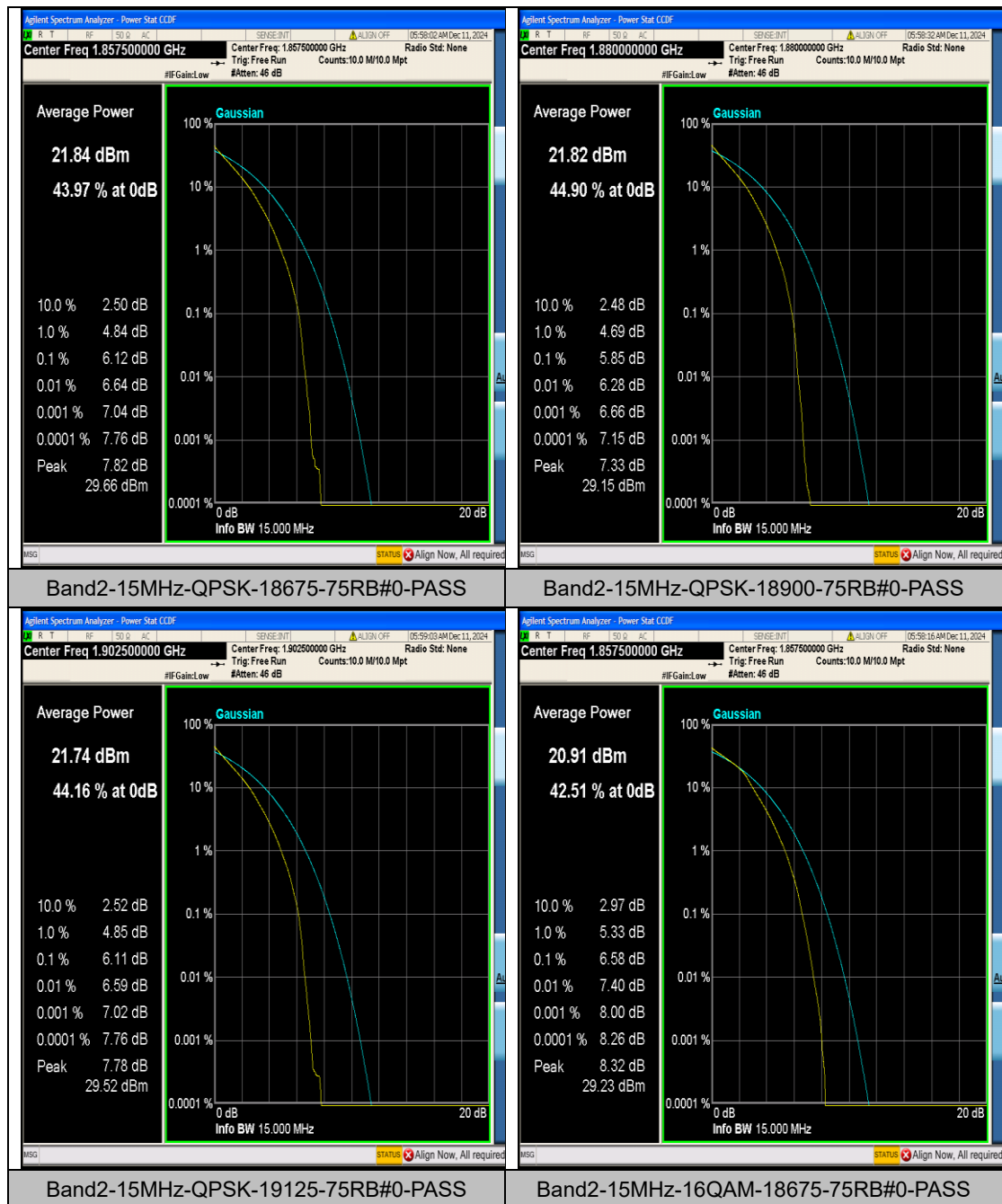


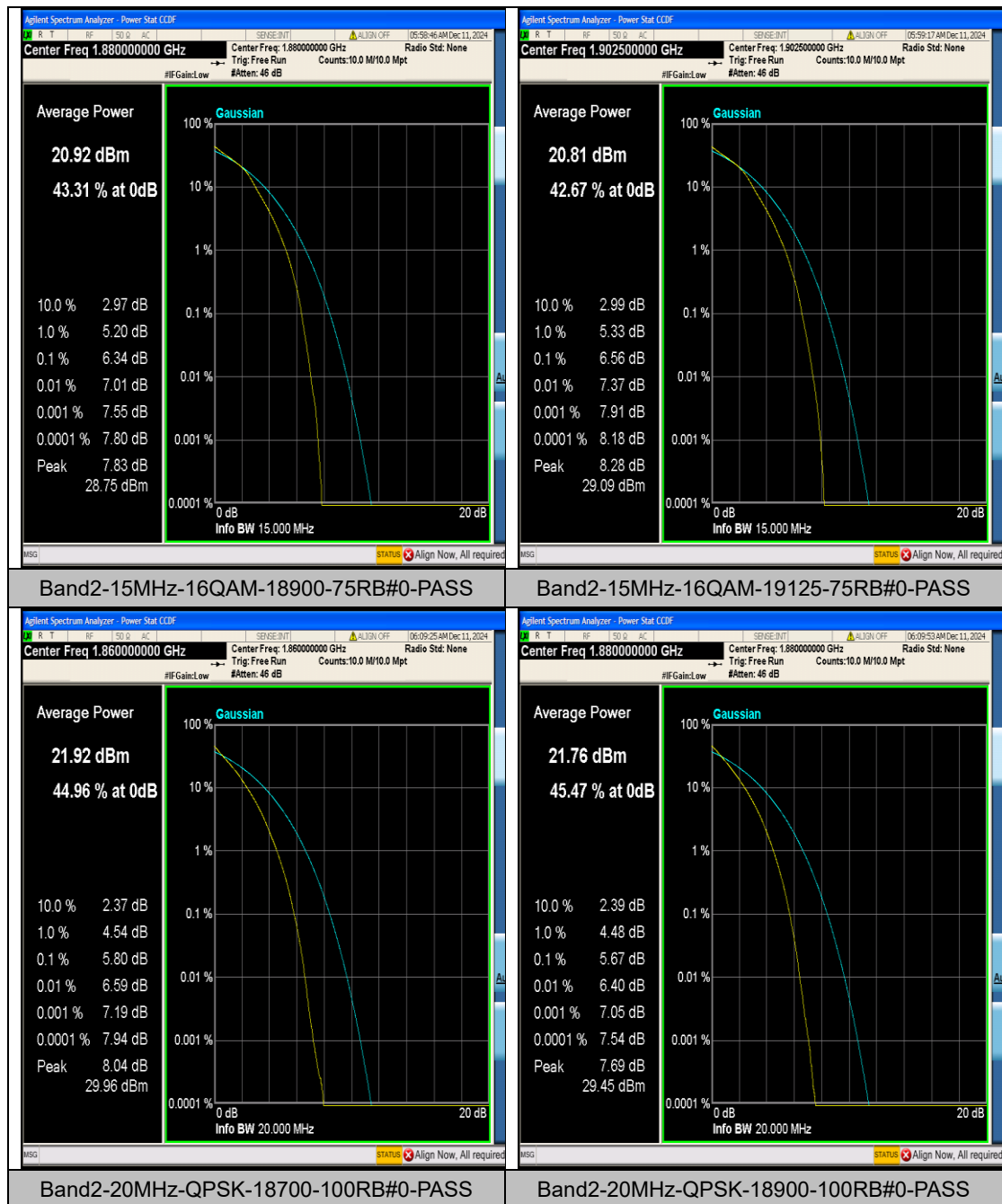


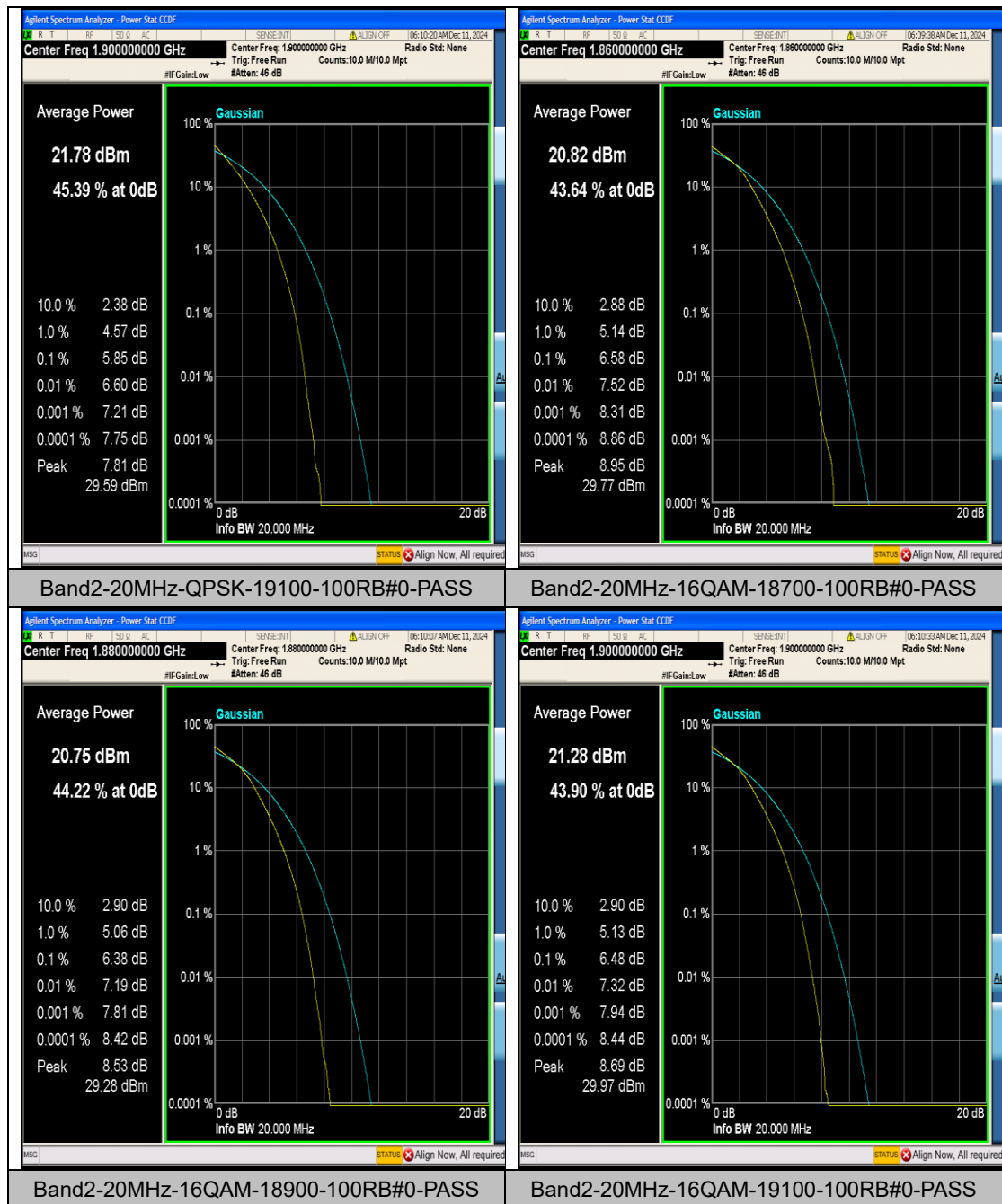












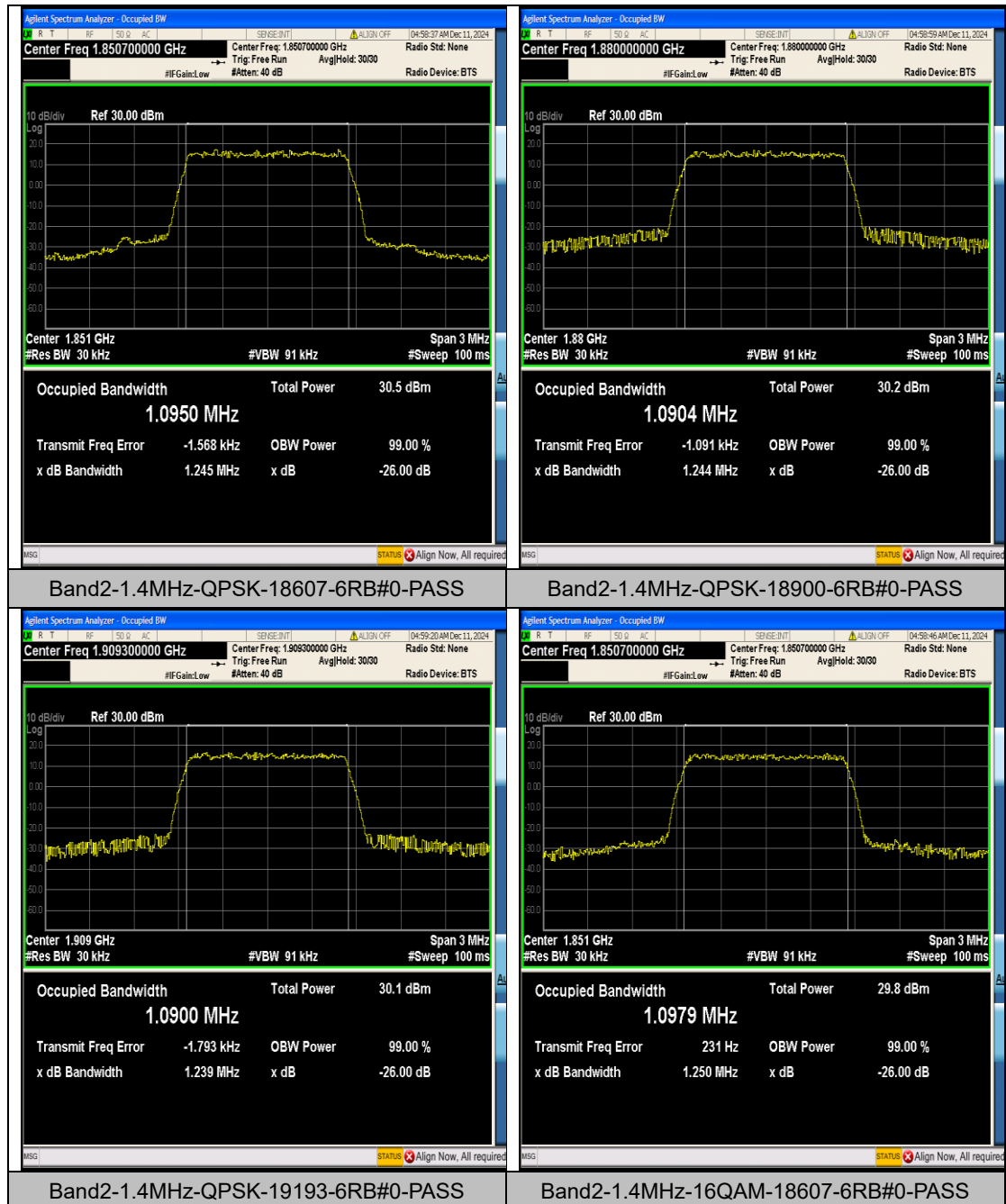
Appendix C: 26dB Bandwidth and Occupied Bandwidth

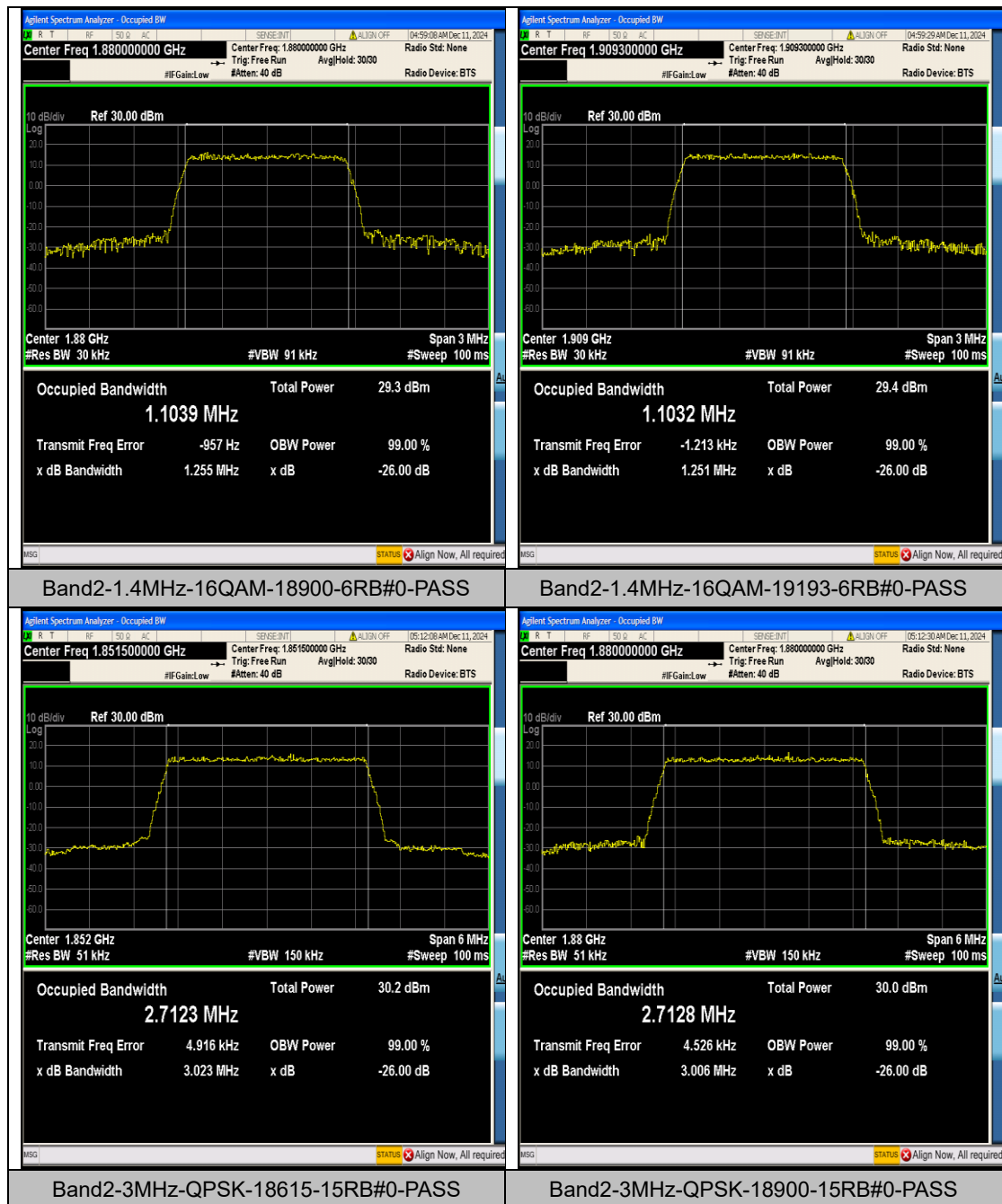
Test Result

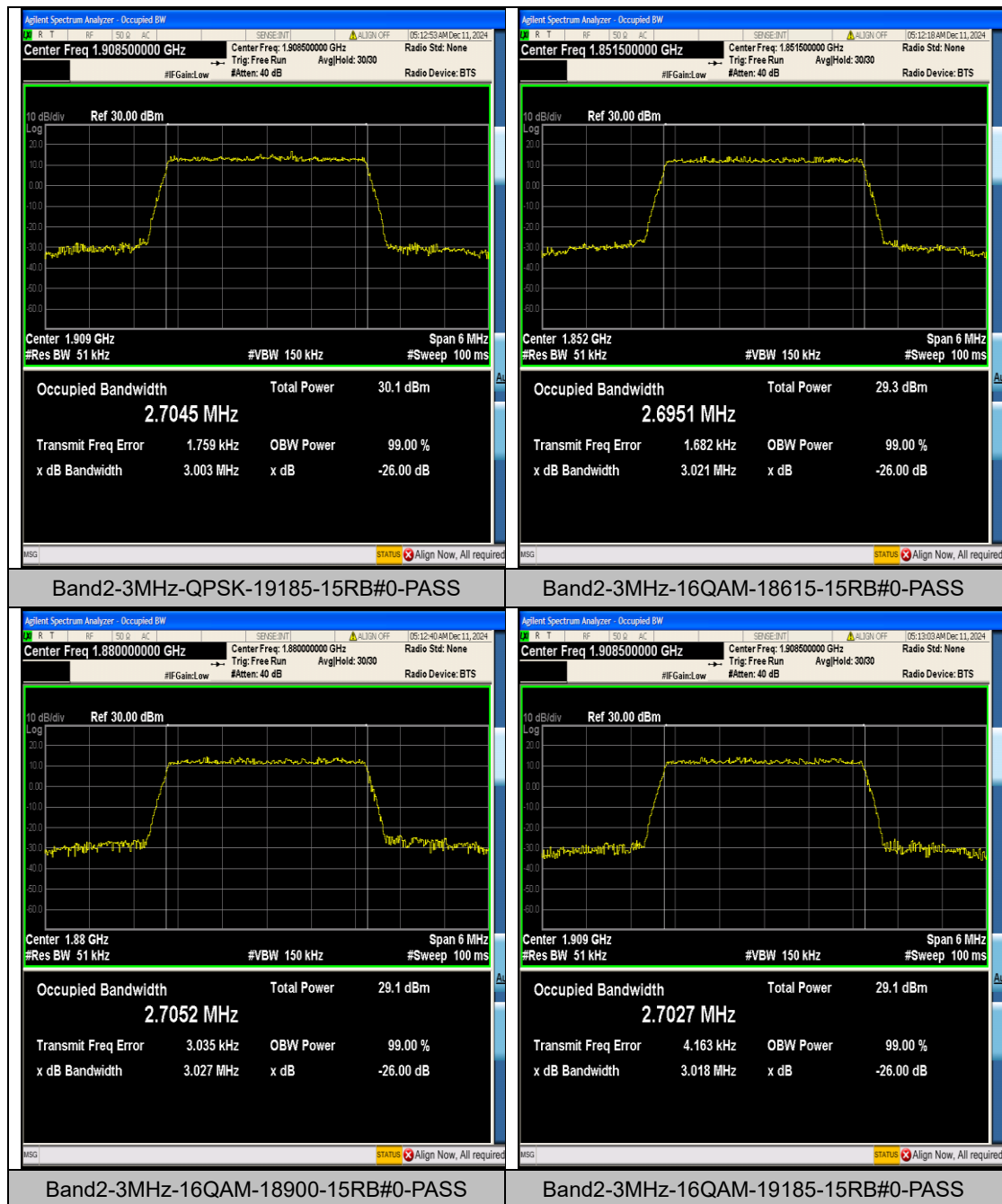
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0950	1.245	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0904	1.244	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0900	1.239	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0979	1.250	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1039	1.255	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1032	1.251	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7123	3.023	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7128	3.006	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7045	3.003	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6951	3.021	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7052	3.027	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7027	3.018	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5073	4.973	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5064	4.981	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5099	4.966	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4954	4.949	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5022	4.961	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5039	4.959	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9876	9.857	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9964	9.865	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0028	9.854	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9879	9.928	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9958	9.944	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9718	9.911	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.511	14.91	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.509	14.88	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.508	14.91	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.498	14.93	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.513	14.93	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.503	14.88	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.005	19.67	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.025	19.67	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.010	19.82	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.004	19.70	PASS

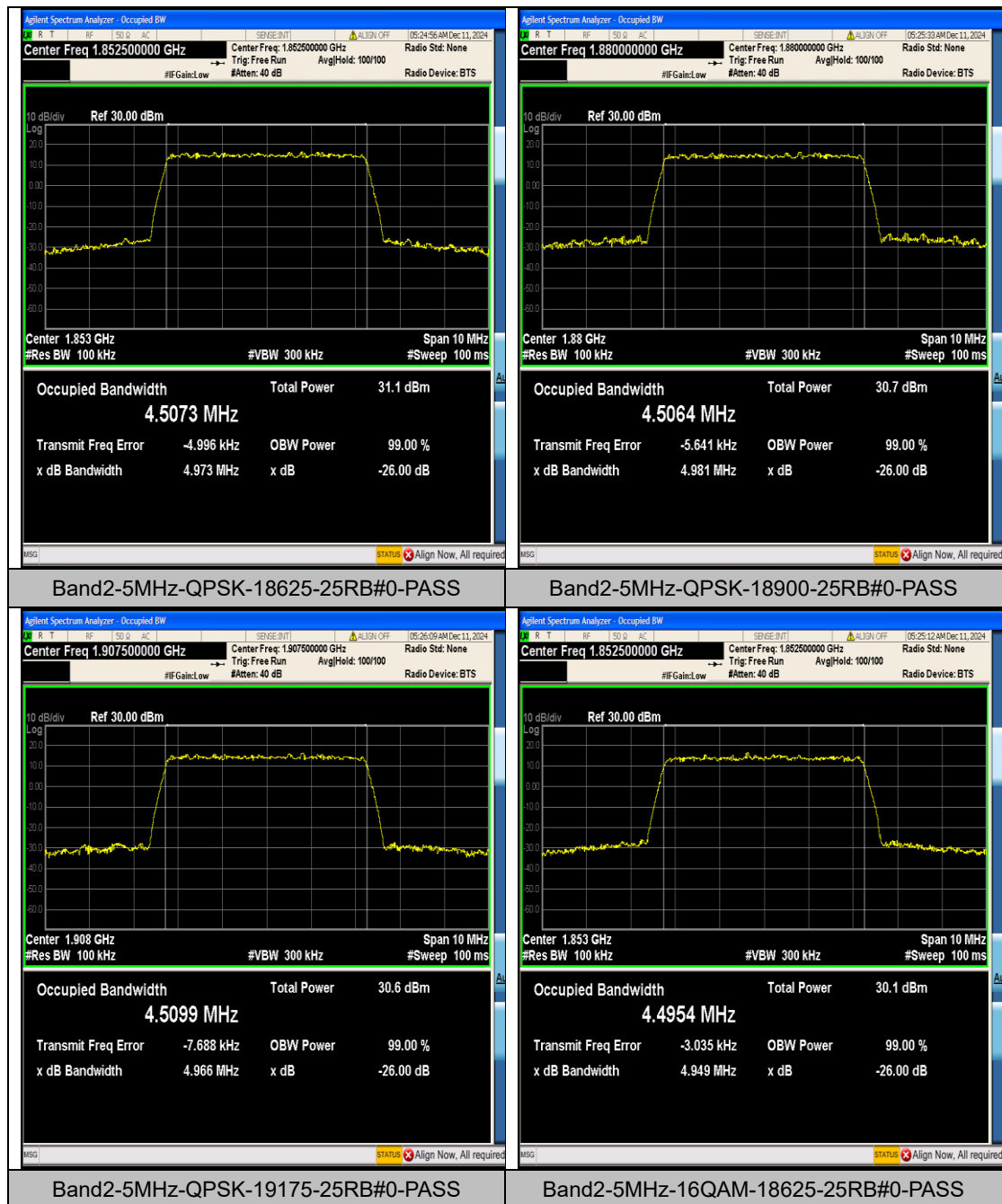
Band2	20MHz	16QAM	18900	100RB#0	18.028	19.74	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.009	19.75	PASS

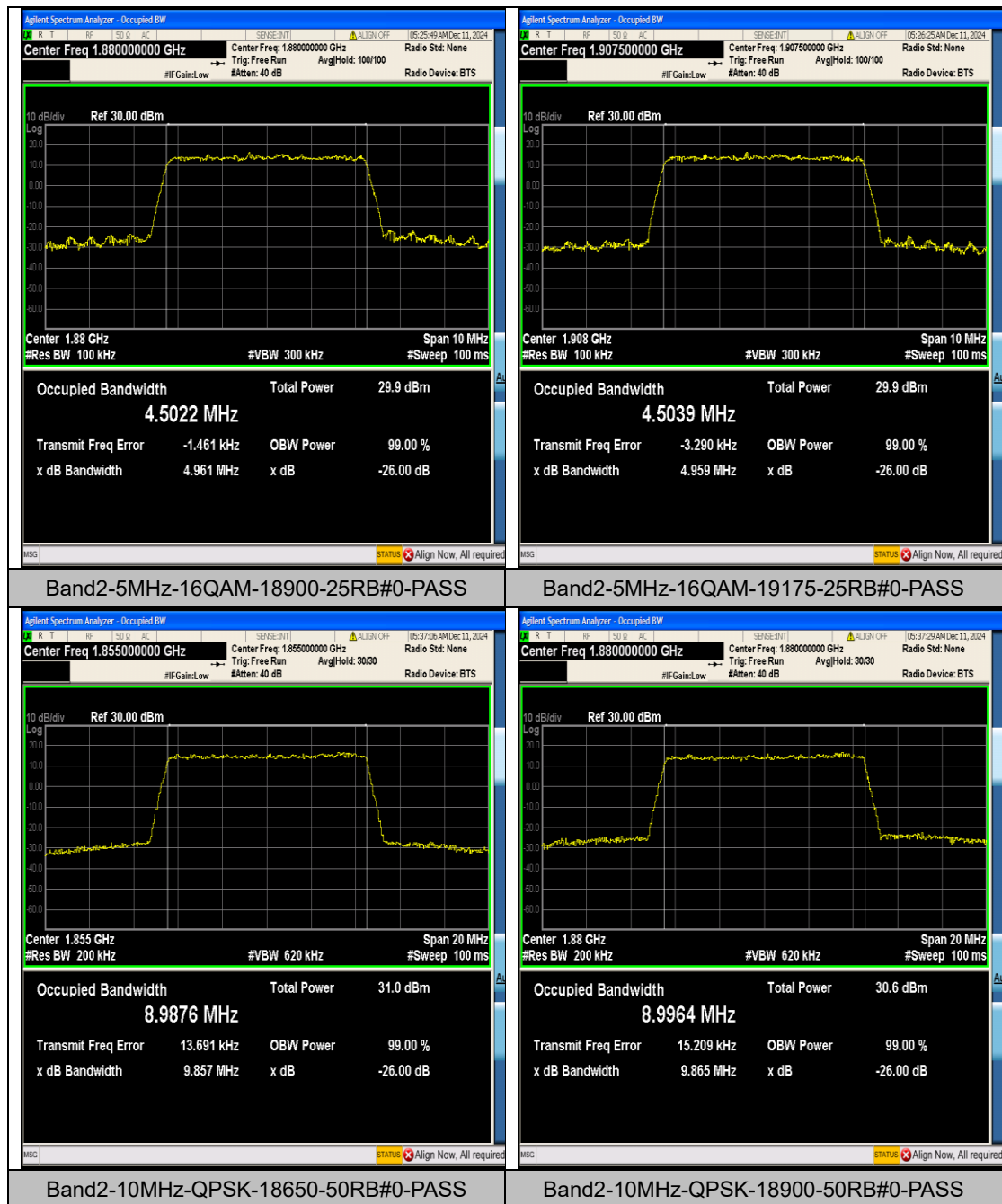
Test Graphs

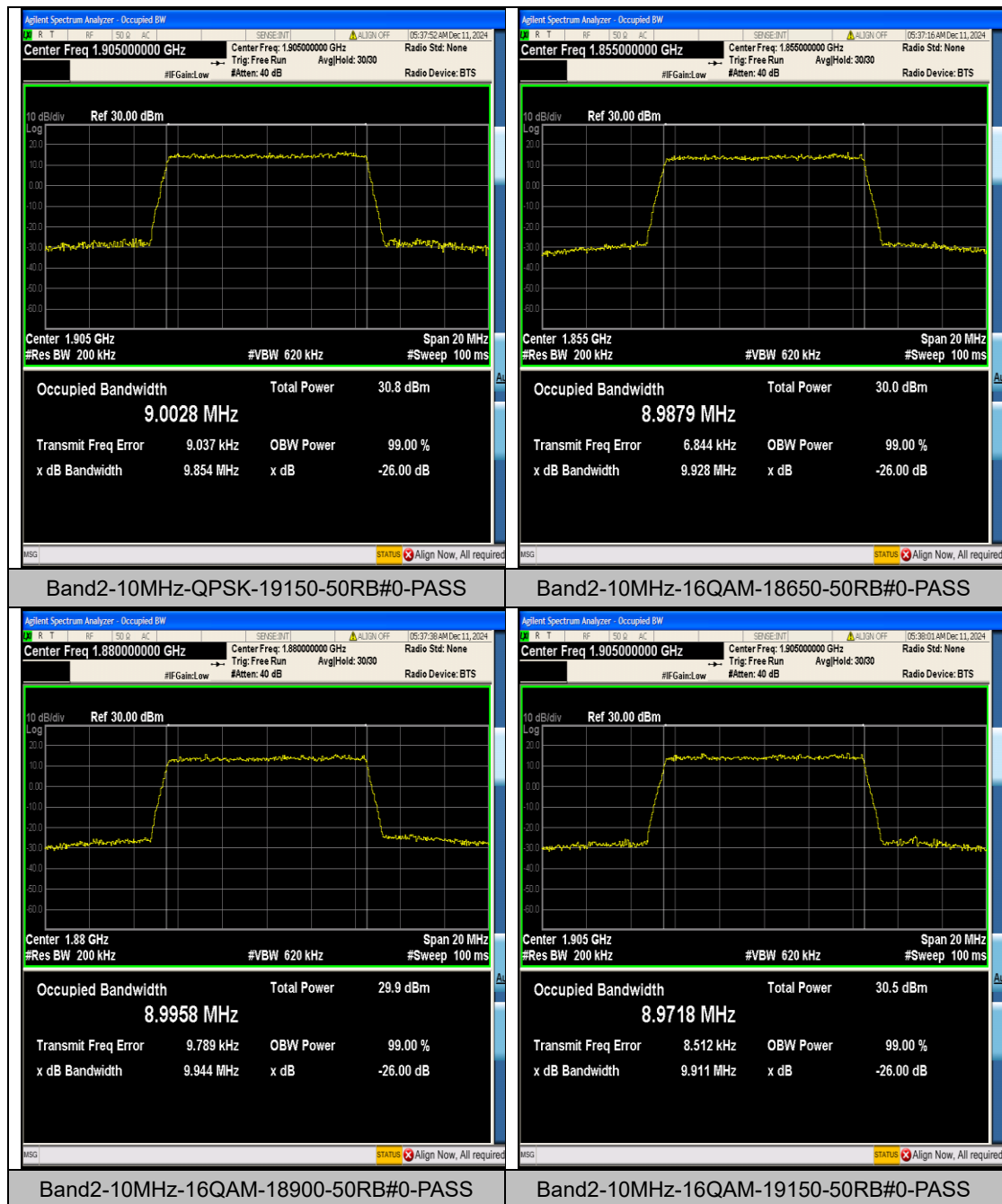


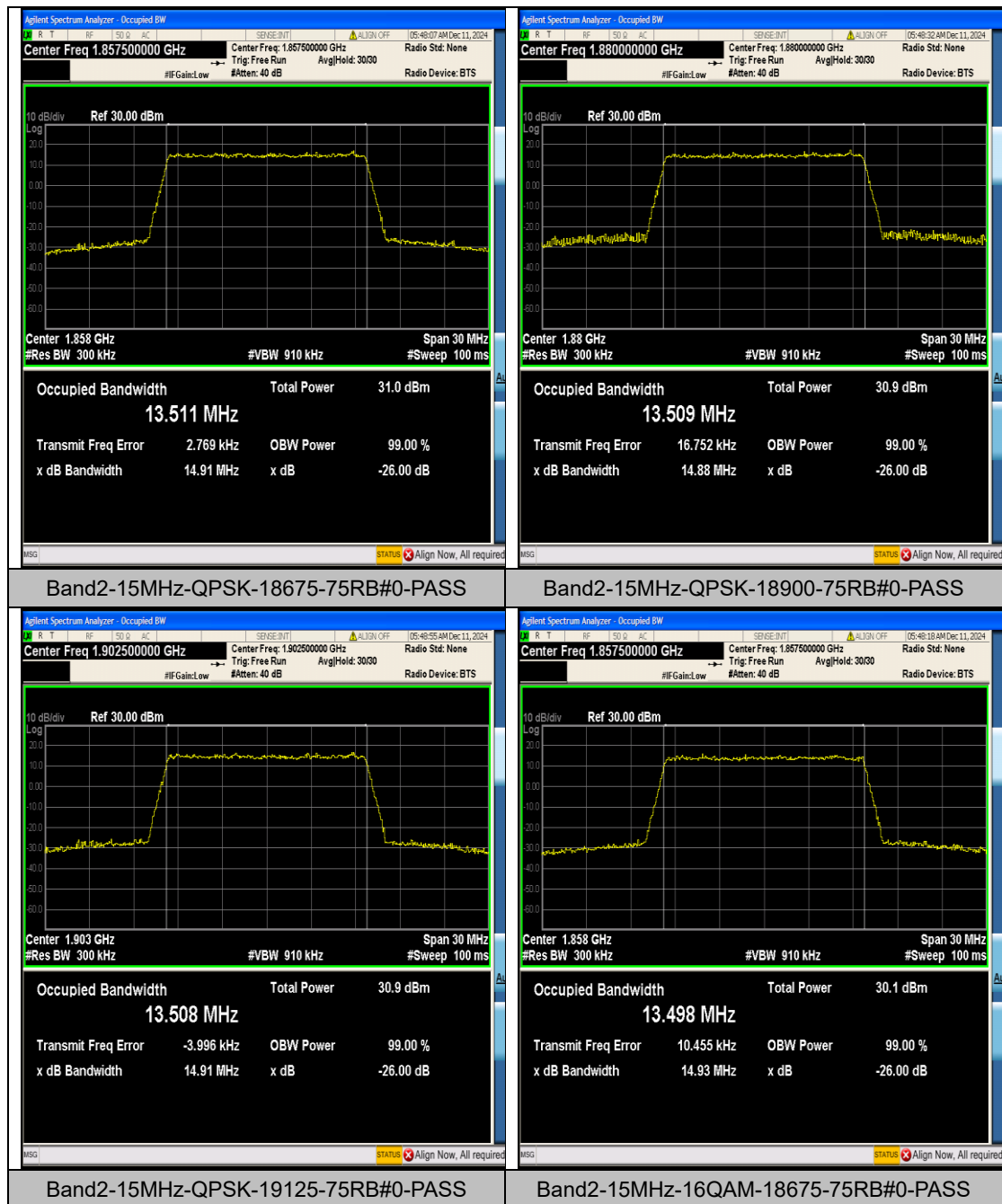


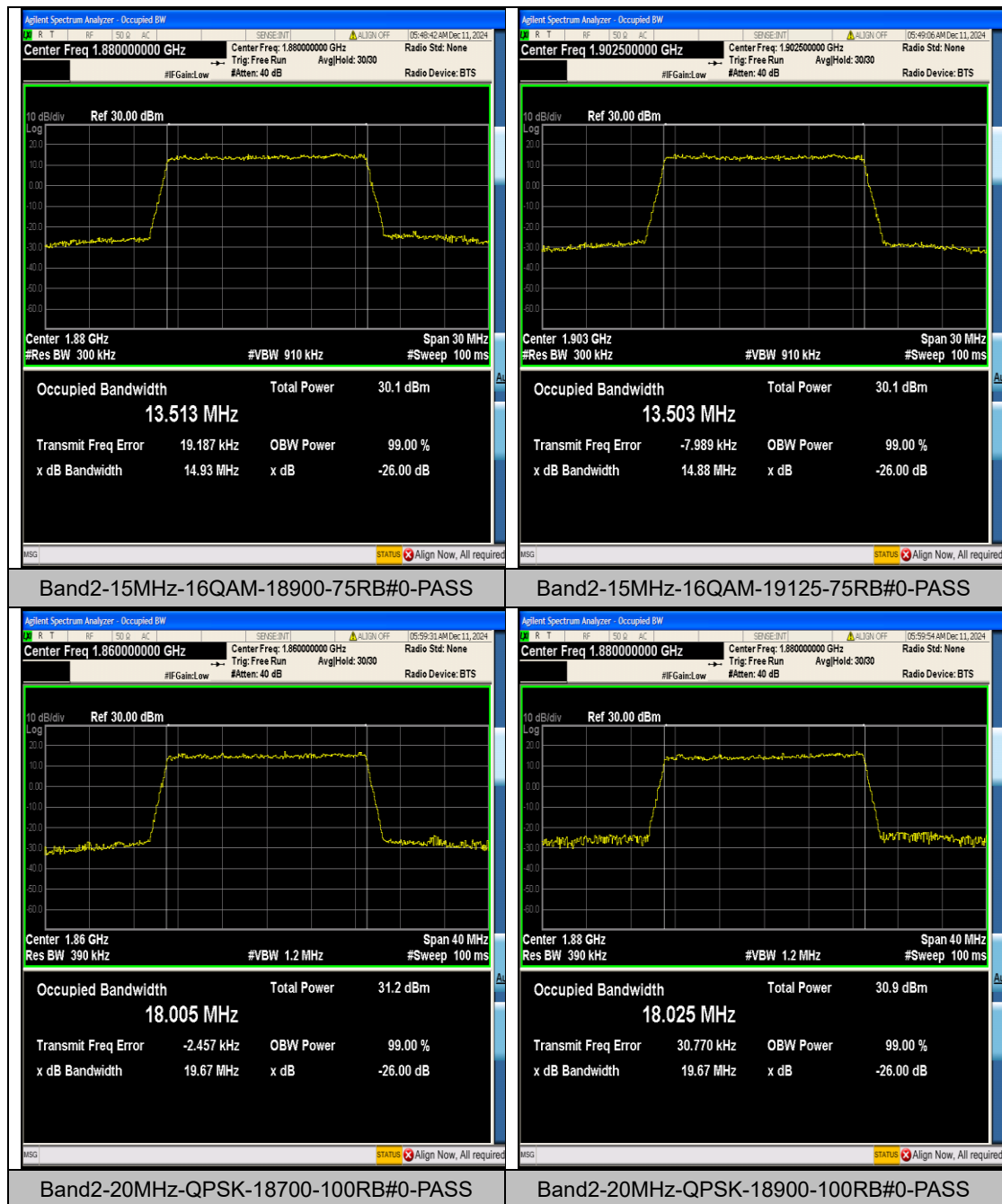


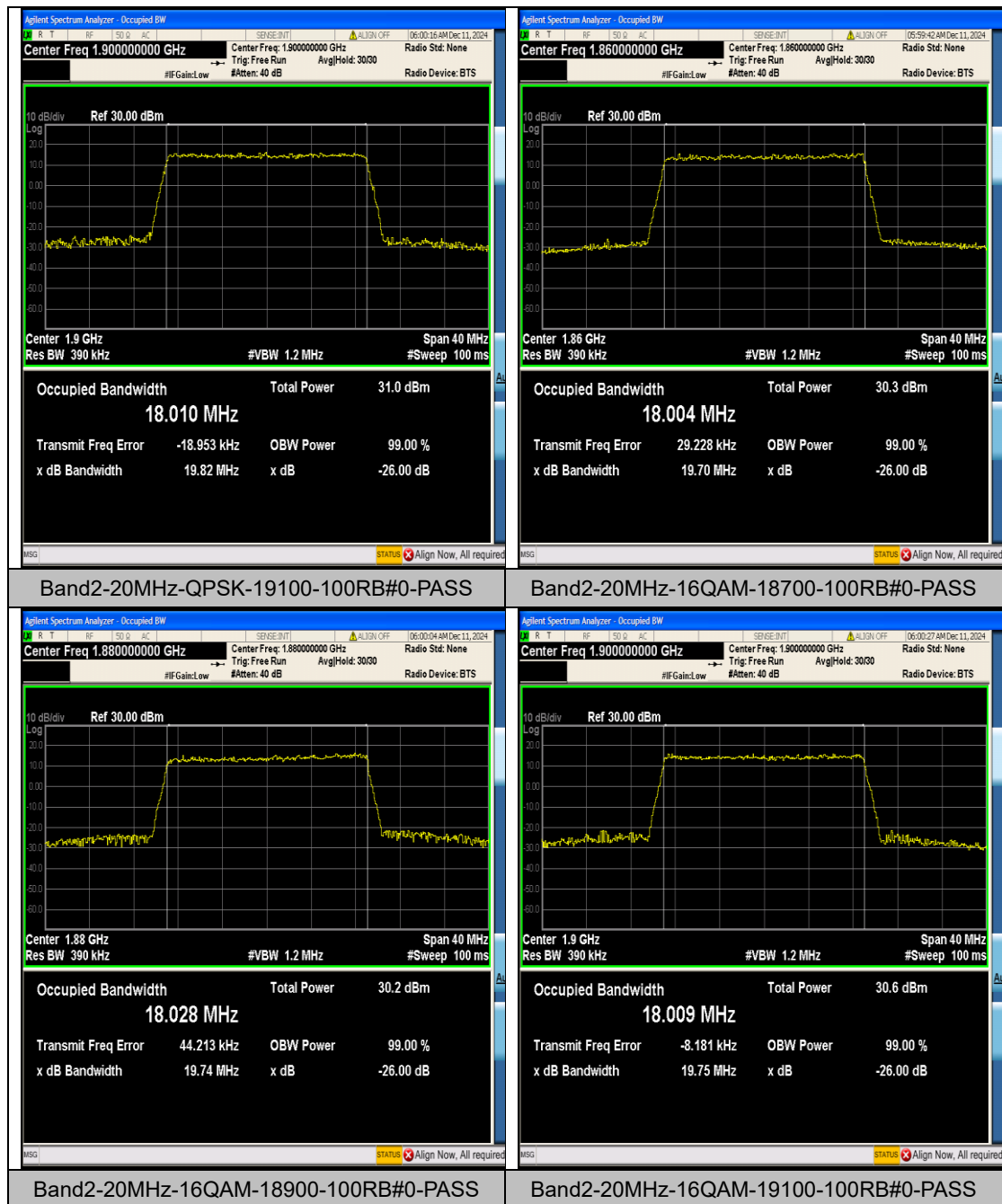












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-33.04	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-33.99	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-32.67	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-33.63	PASS
Band2	3MHz	QPSK	18615	15RB#0	-29.18	PASS
Band2	3MHz	QPSK	19185	15RB#0	-31.81	PASS
Band2	3MHz	16QAM	18615	15RB#0	-29.76	PASS
Band2	3MHz	16QAM	19185	15RB#0	-31.22	PASS
Band2	5MHz	QPSK	18625	25RB#0	-30.38	PASS
Band2	5MHz	QPSK	19175	25RB#0	-34.08	PASS
Band2	5MHz	16QAM	18625	25RB#0	-31.47	PASS
Band2	5MHz	16QAM	19175	25RB#0	-34.25	PASS
Band2	10MHz	QPSK	18650	50RB#0	-32.54	PASS
Band2	10MHz	QPSK	19150	50RB#0	-34.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	-34.11	PASS
Band2	10MHz	16QAM	19150	50RB#0	-35.03	PASS
Band2	15MHz	QPSK	18675	75RB#0	-32.96	PASS
Band2	15MHz	QPSK	19125	75RB#0	-33.23	PASS
Band2	15MHz	16QAM	18675	75RB#0	-34.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	-34.37	PASS
Band2	20MHz	QPSK	18700	100RB#0	-34.63	PASS
Band2	20MHz	QPSK	19100	100RB#0	-35.18	PASS
Band2	20MHz	16QAM	18700	100RB#0	-35.98	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.94	PASS

Test Graphs

