

FCC LTE Band Test Data

FCC ID : **2BCQ3FLY500**

Company: : **A3 MOBILE SAS**

EUT : **Mobile Phone**

Model Number : **FY-500**

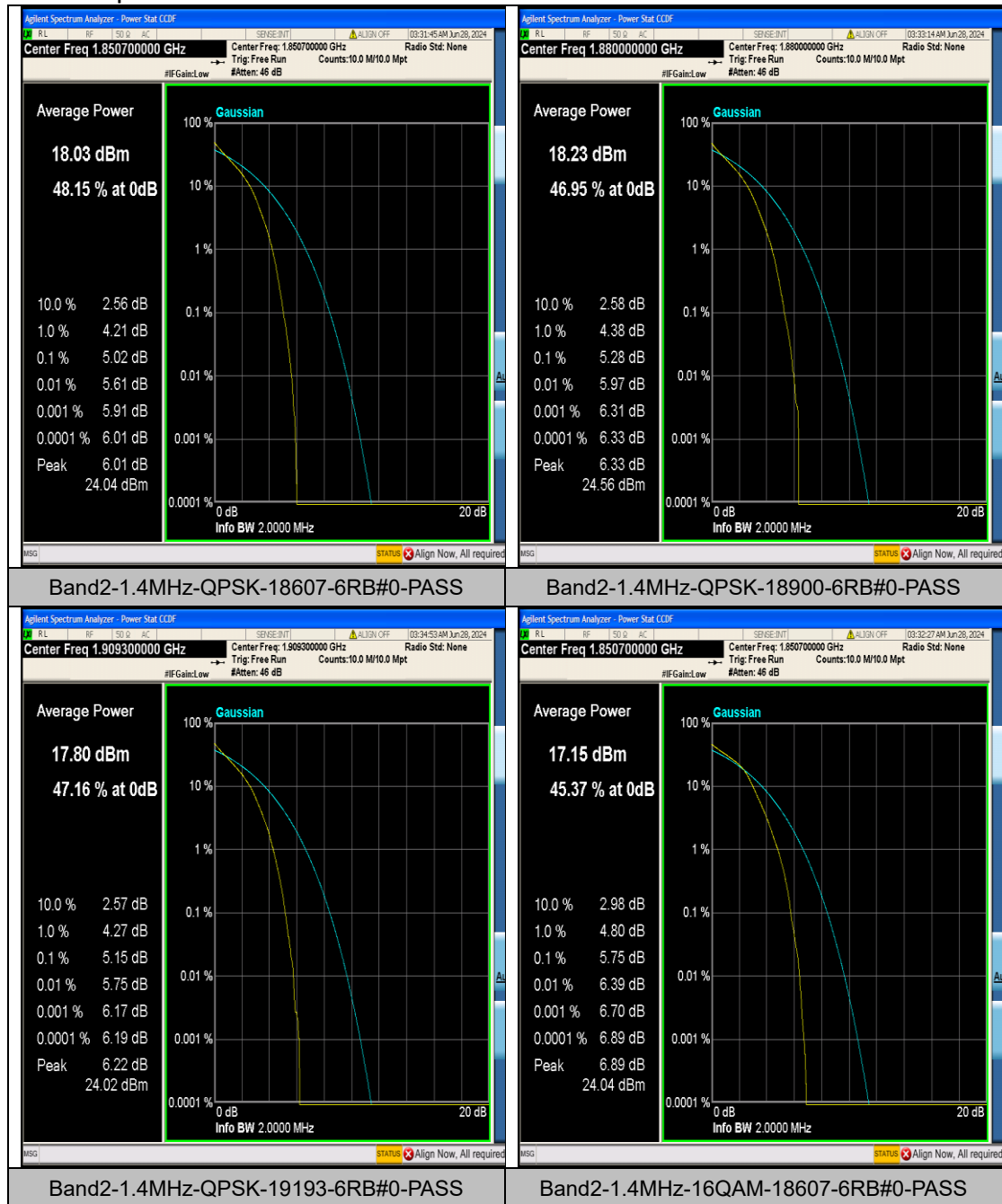
Reviewed By : **Eric Wang**

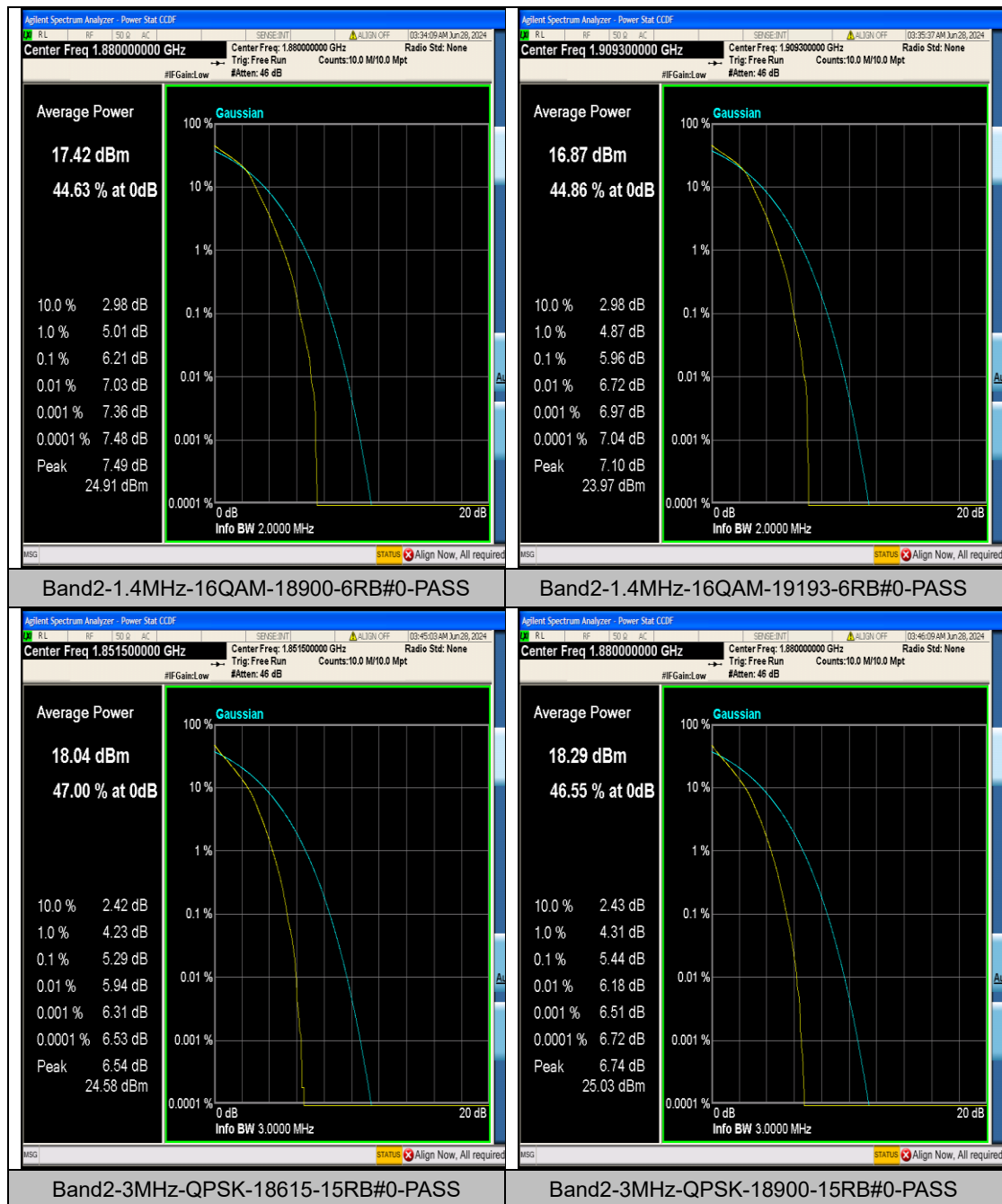
Appendix B: Peak-to-Average Ratio(CCDF)

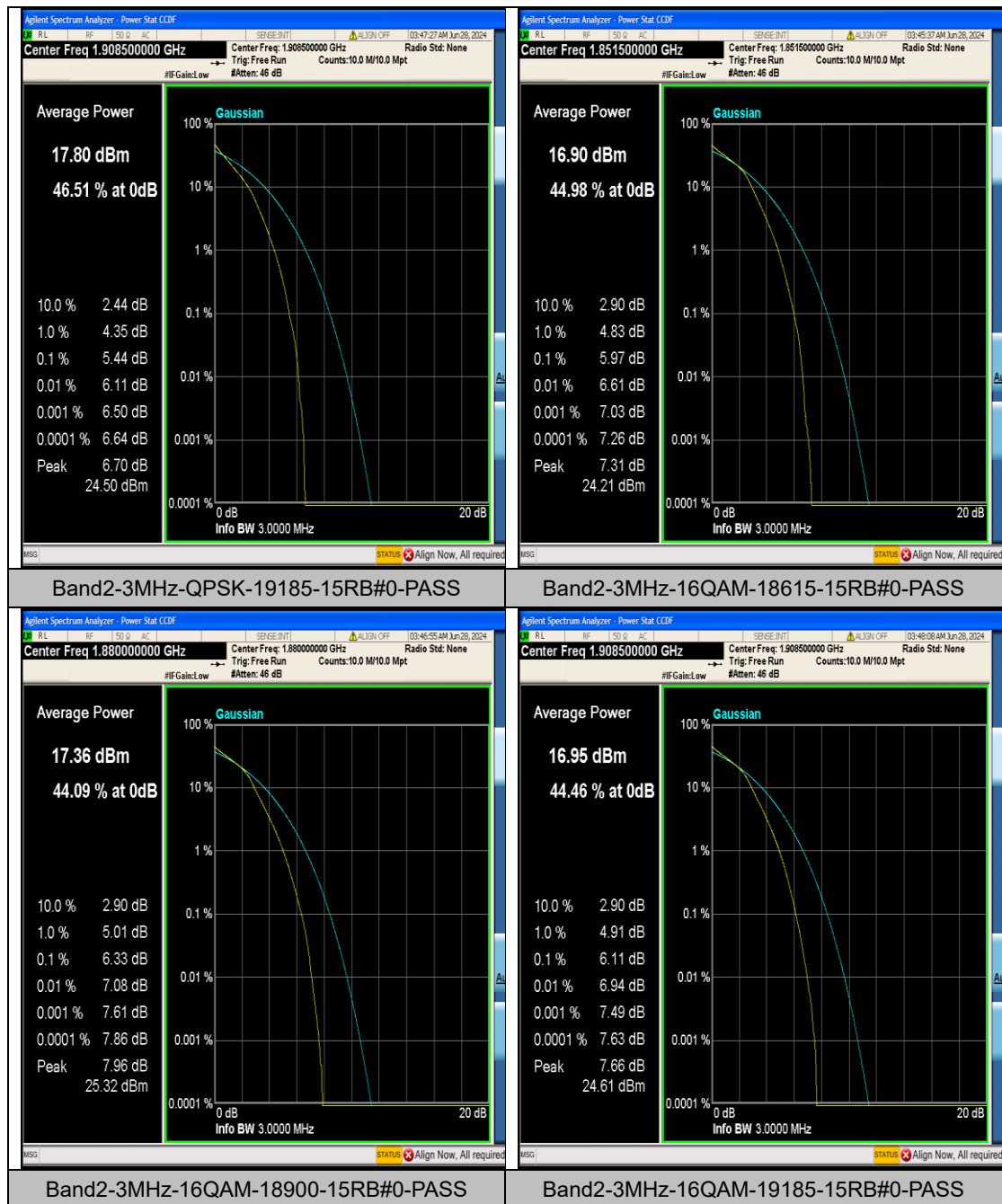
Test Result

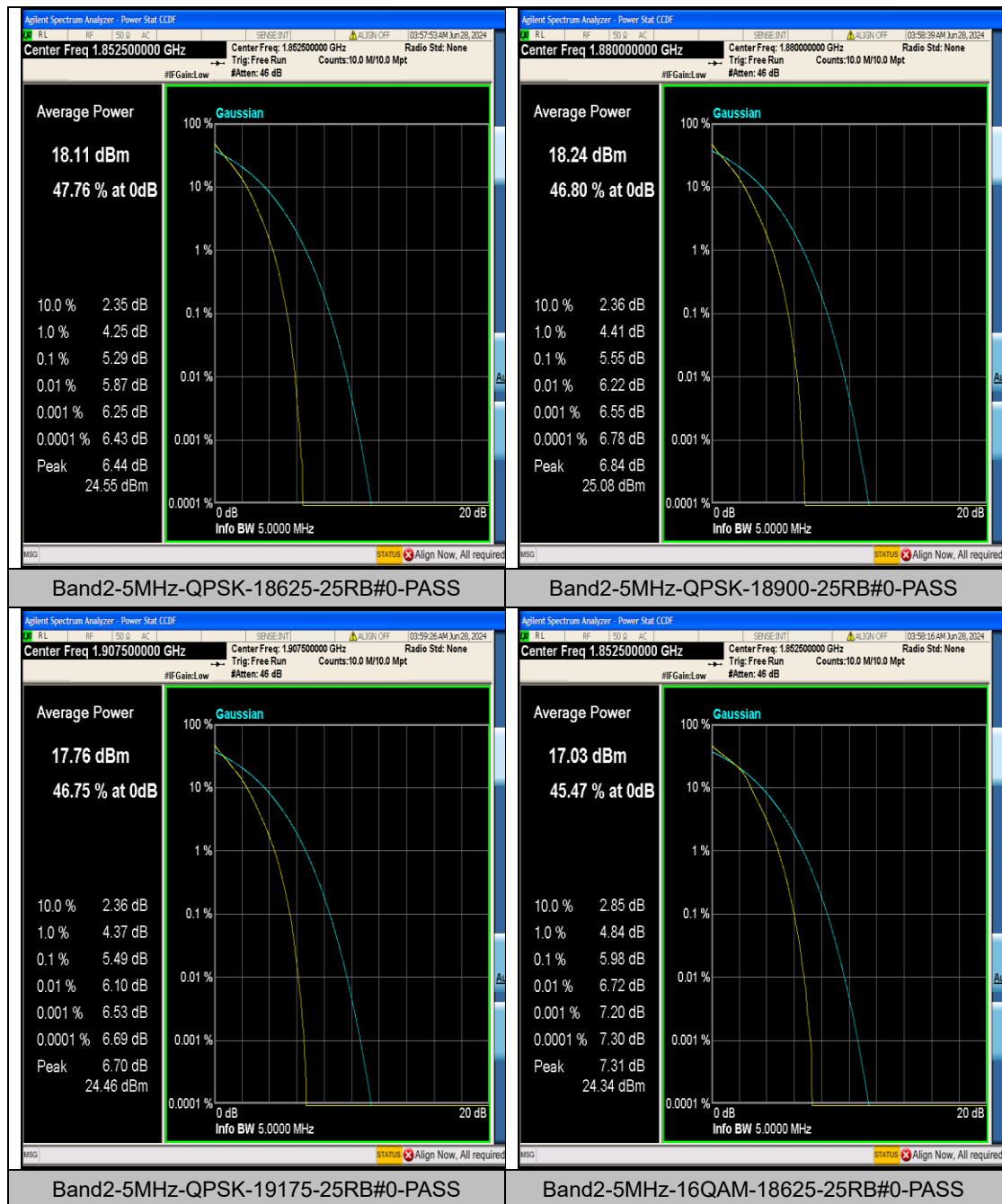
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.02	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.28	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.15	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.75	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.21	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.96	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.29	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.44	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.44	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.97	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.33	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.11	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.29	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.55	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.49	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.98	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.21	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.19	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.30	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.48	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.47	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.05	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.24	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.22	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.58	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.70	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.74	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.14	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.23	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.24	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.28	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.35	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.38	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.06	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.15	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.16	13	PASS

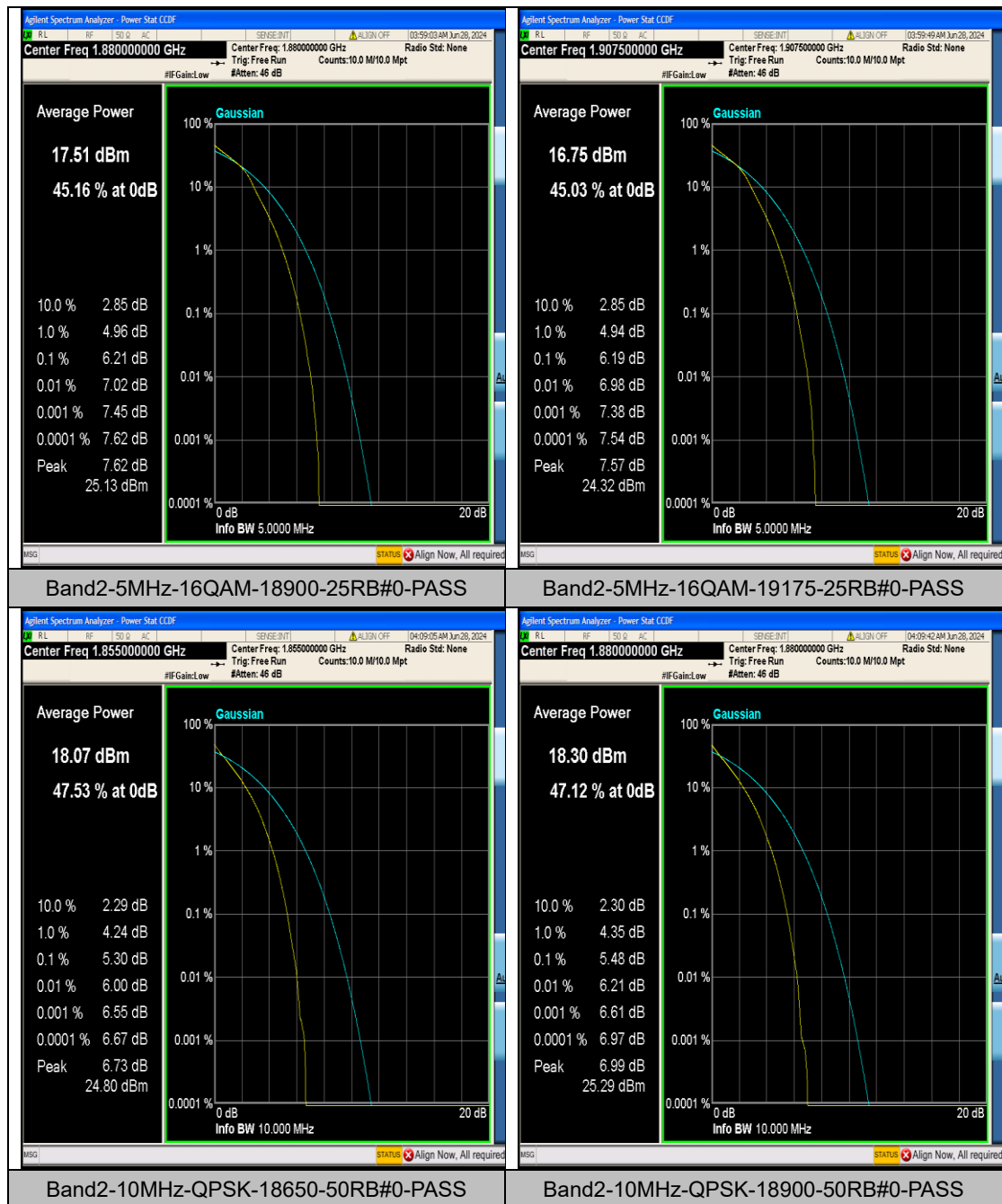
Test Graphs

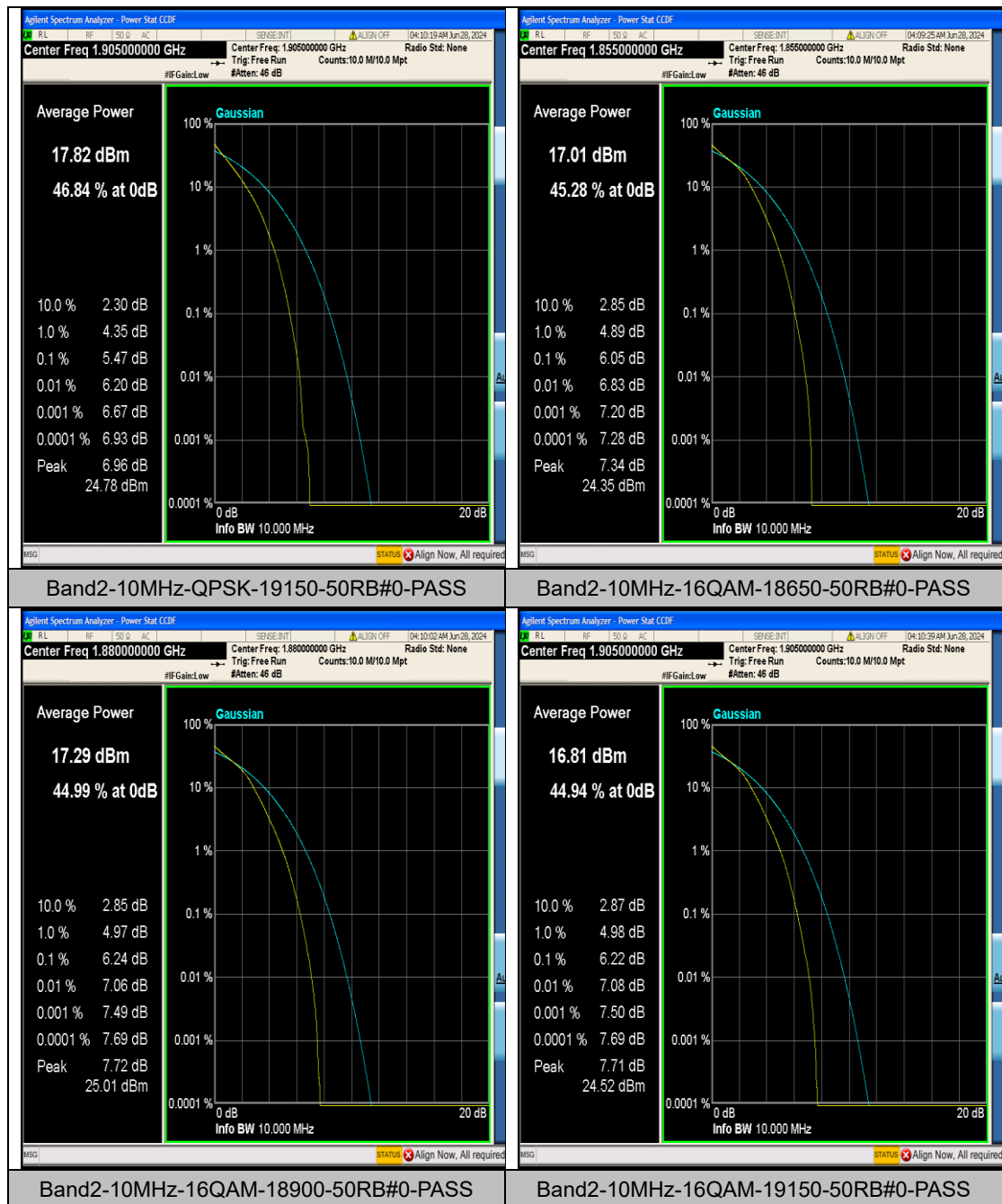


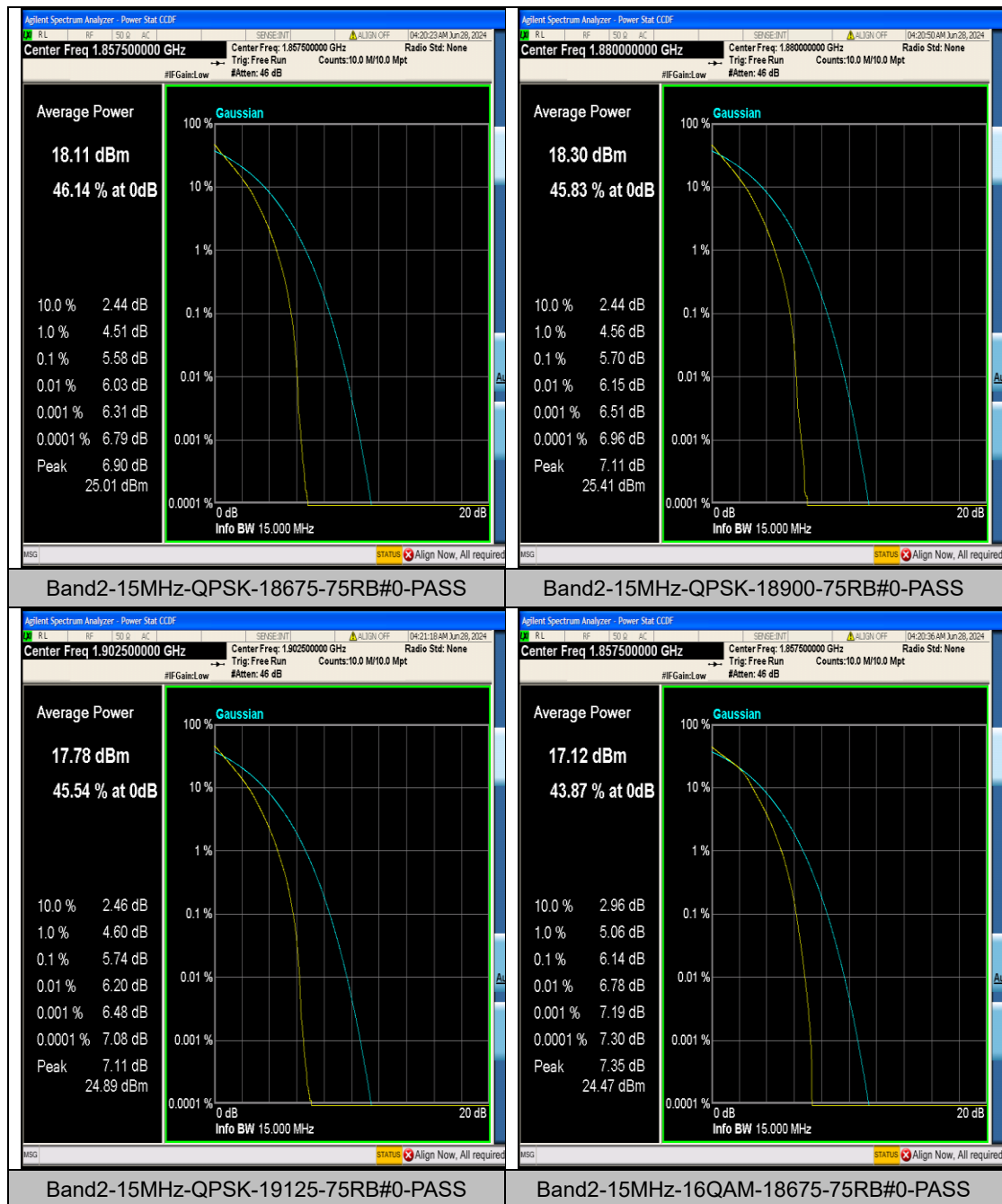


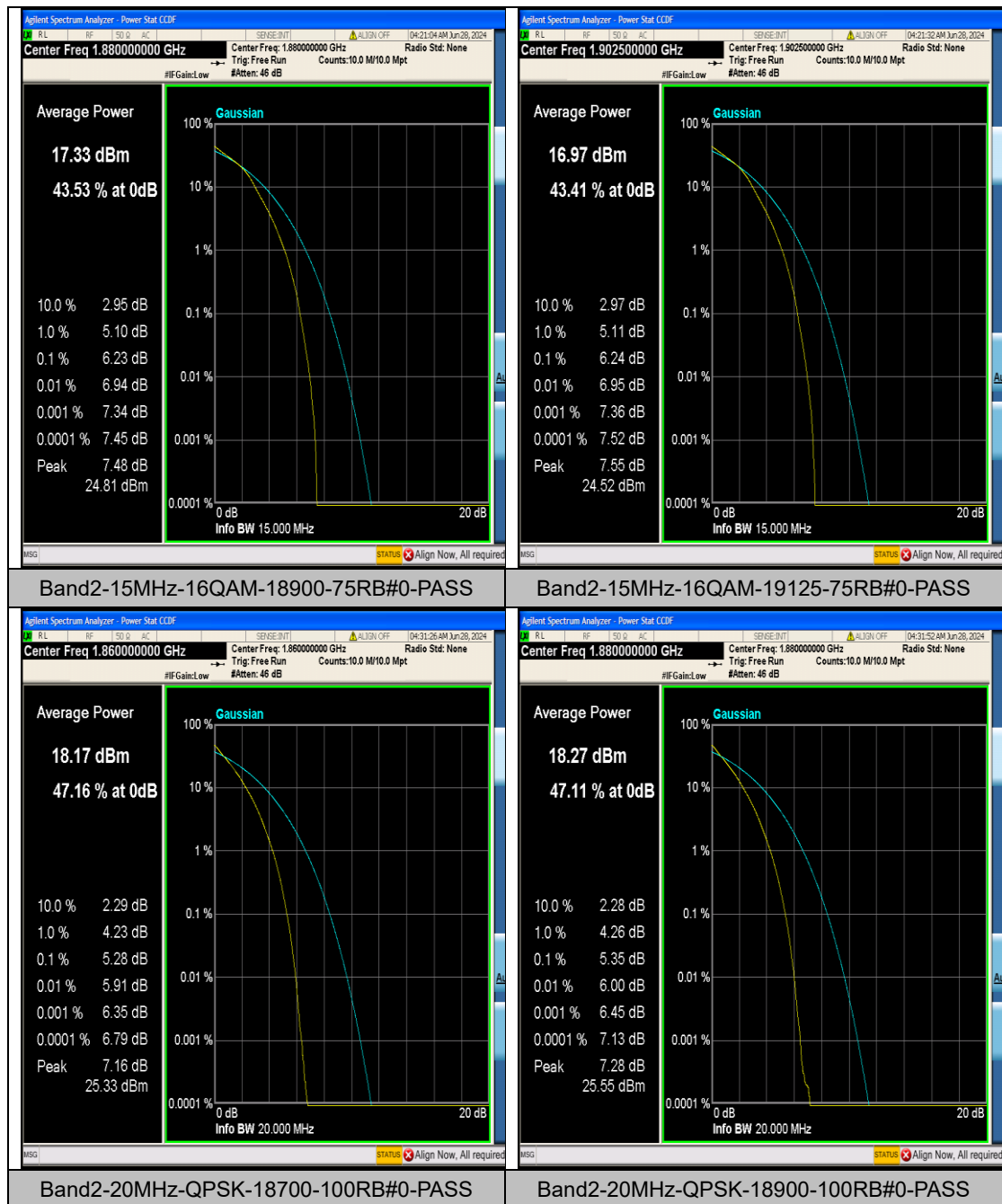














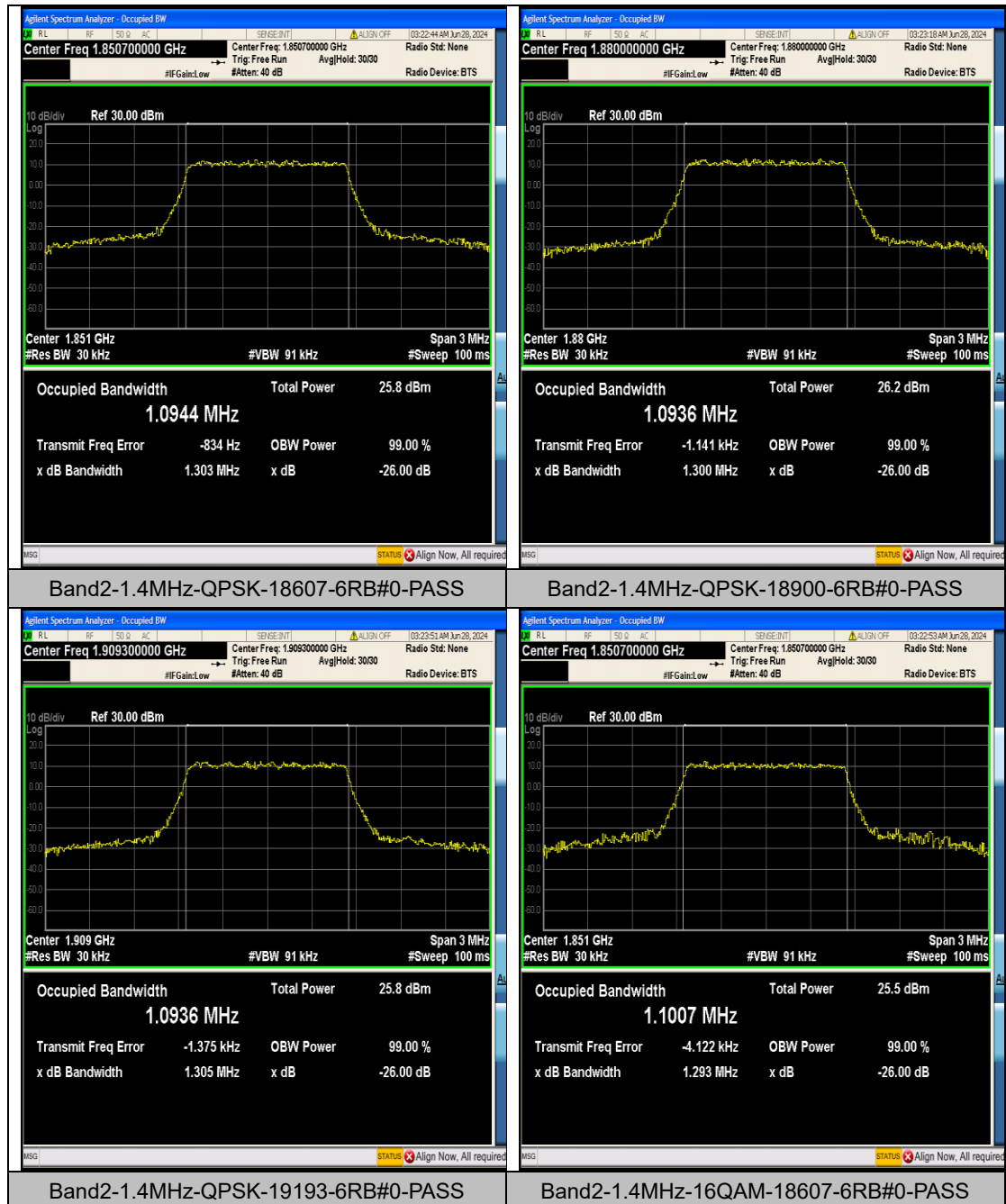
Appendix C: 26dB Bandwidth and Occupied Bandwidth

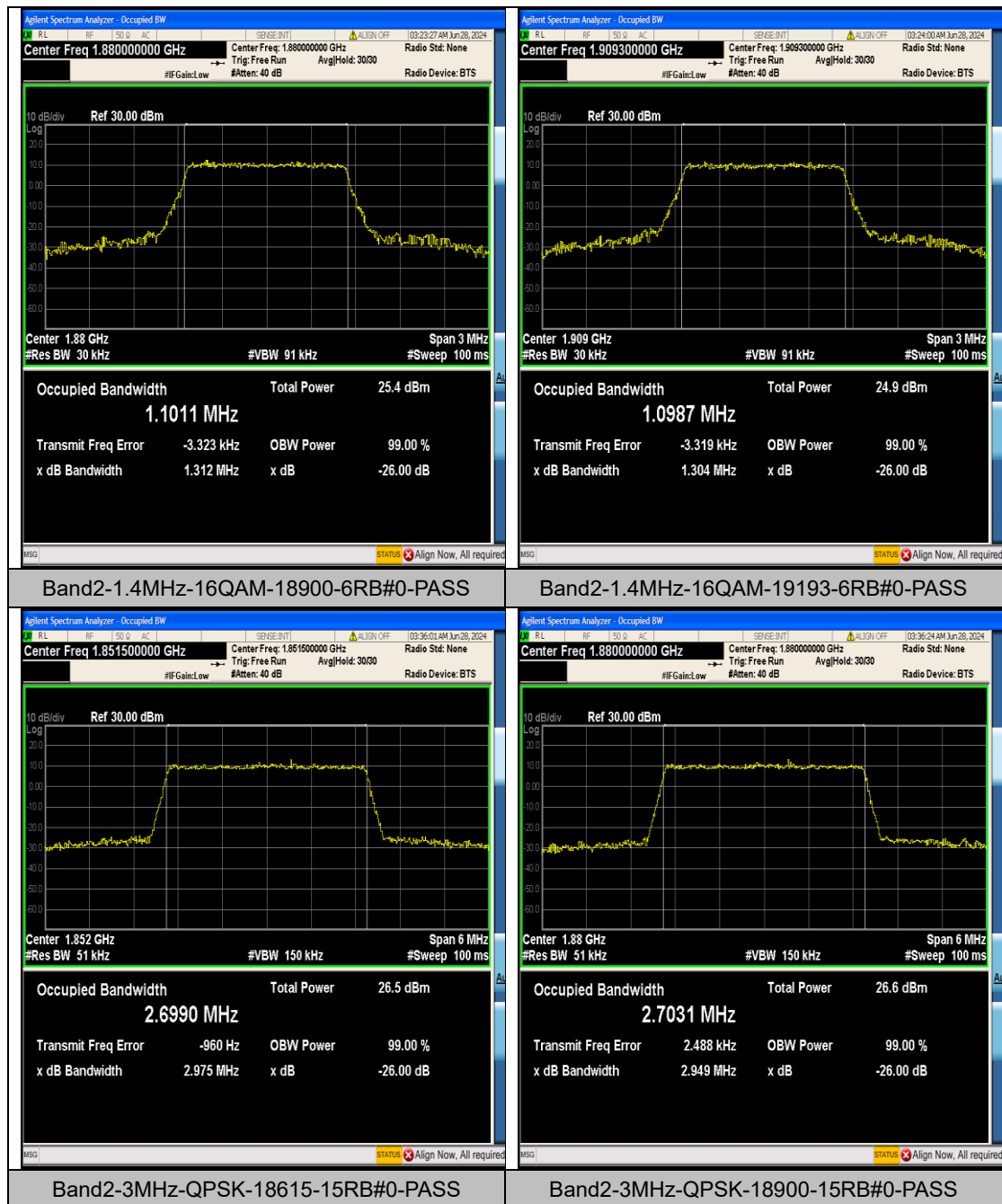
Test Result

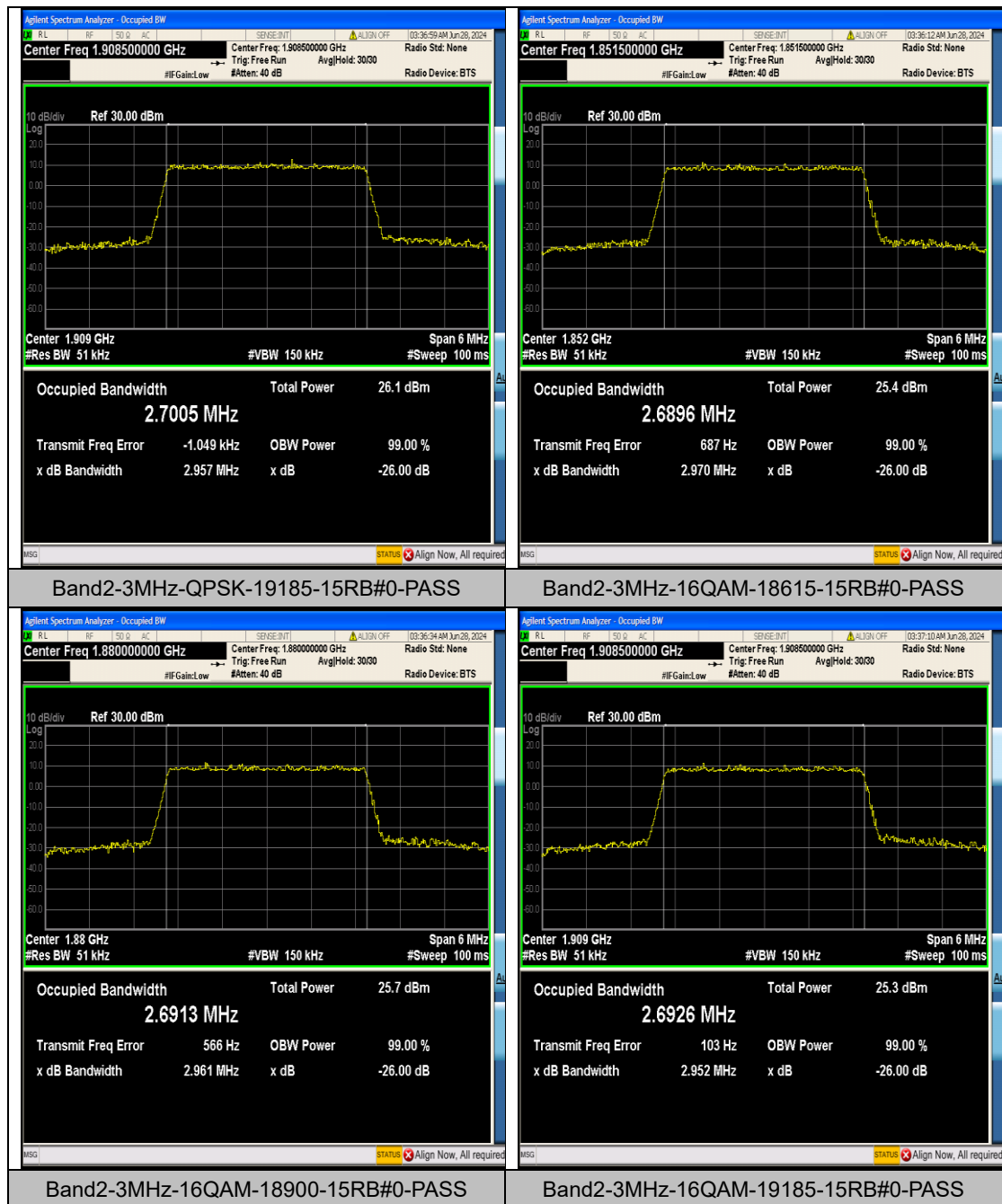
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0944	1.303	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0936	1.300	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0936	1.305	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1007	1.293	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1011	1.312	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0987	1.304	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6990	2.975	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7031	2.949	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7005	2.957	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6896	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6913	2.961	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6926	2.952	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5013	5.008	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5079	5.026	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5100	5.009	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4973	4.972	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4974	4.954	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4938	4.971	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9874	9.936	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9788	9.939	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9819	9.929	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9694	9.888	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9763	9.854	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9686	9.884	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.460	14.81	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.452	14.79	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.461	14.82	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.452	14.72	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.432	14.68	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.450	14.69	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.939	19.46	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.906	19.44	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.919	19.48	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.935	19.44	PASS

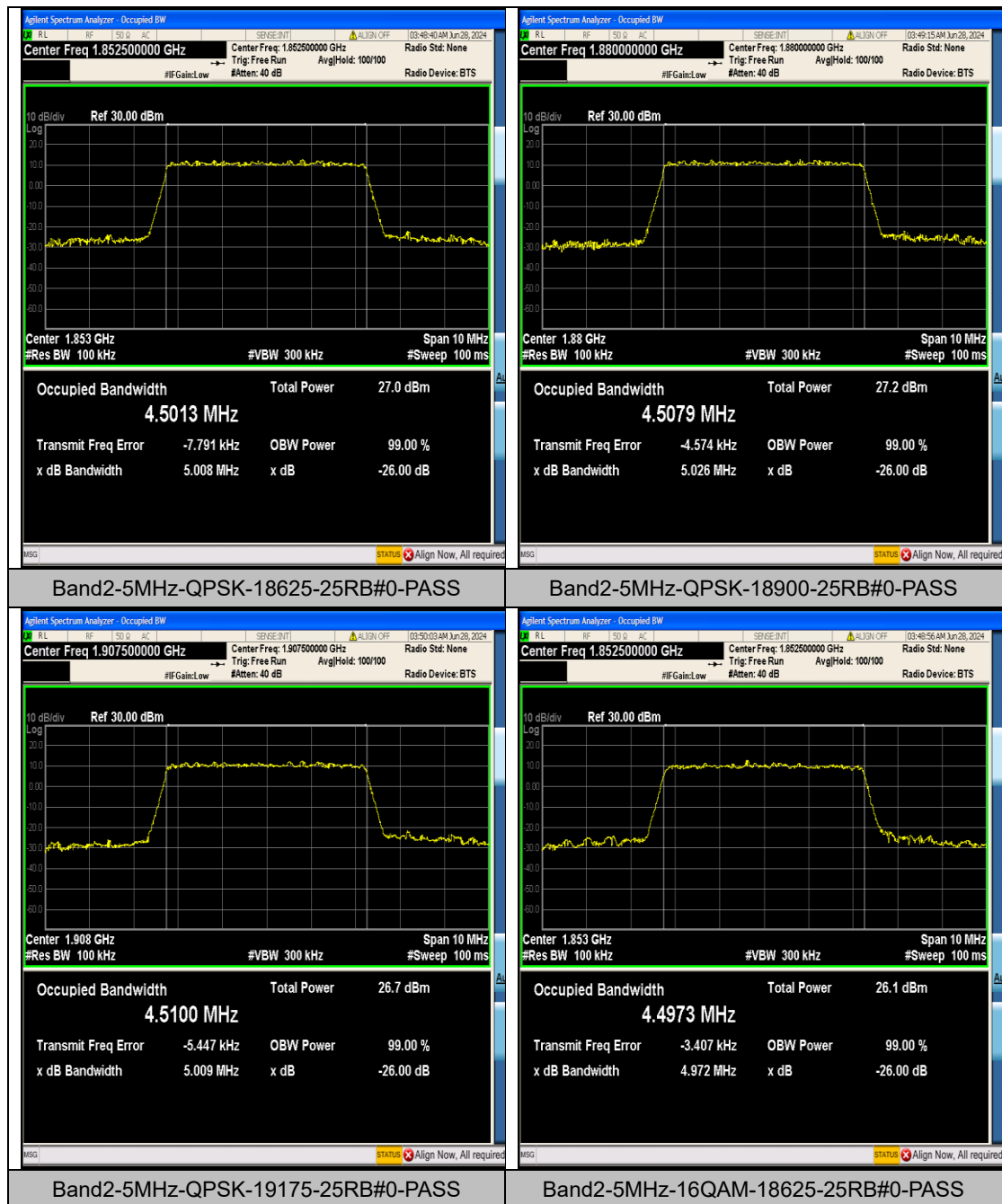
Band2	20MHz	16QAM	18900	100RB#0	17.963	19.39	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.957	19.42	PASS

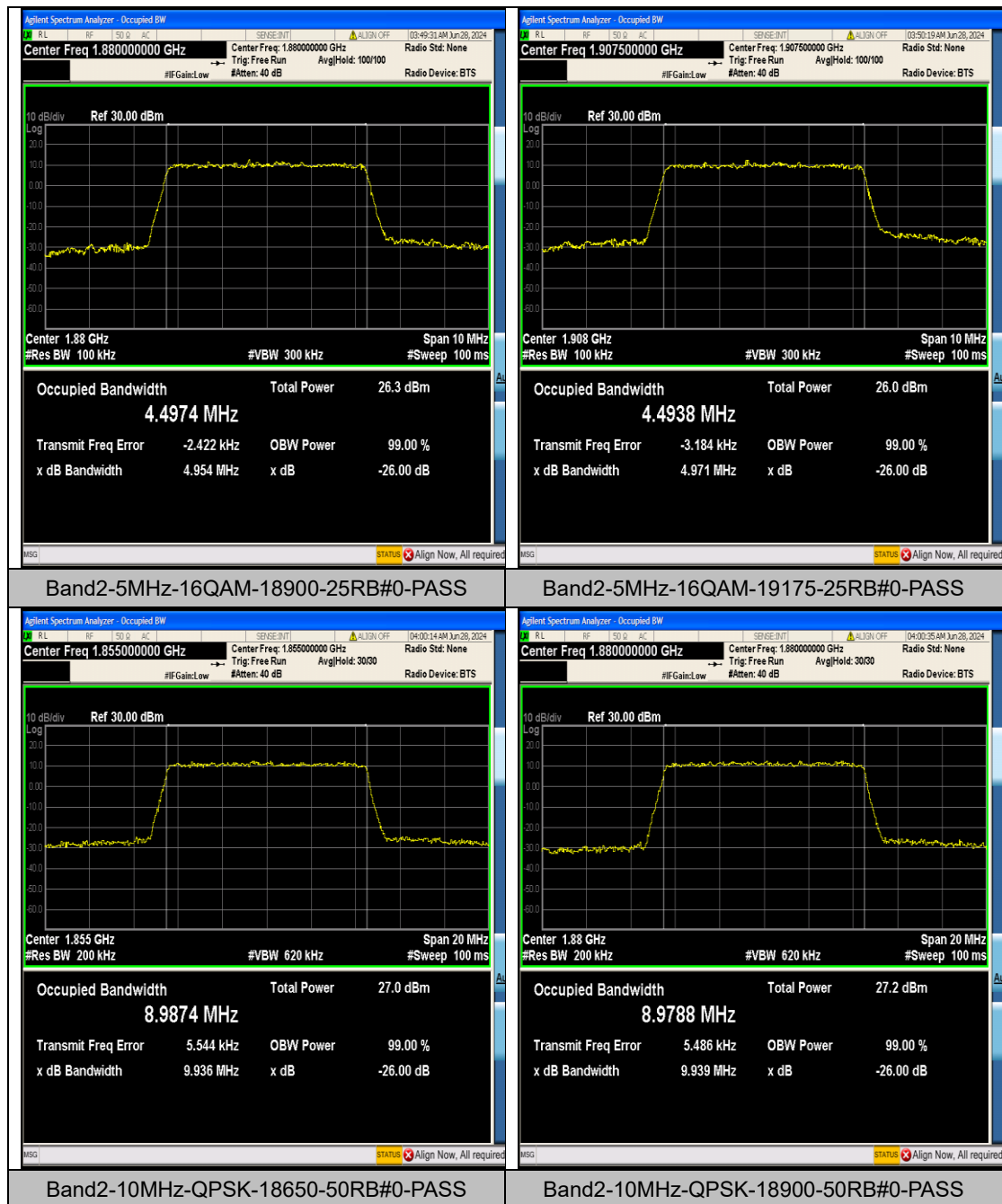
Test Graphs

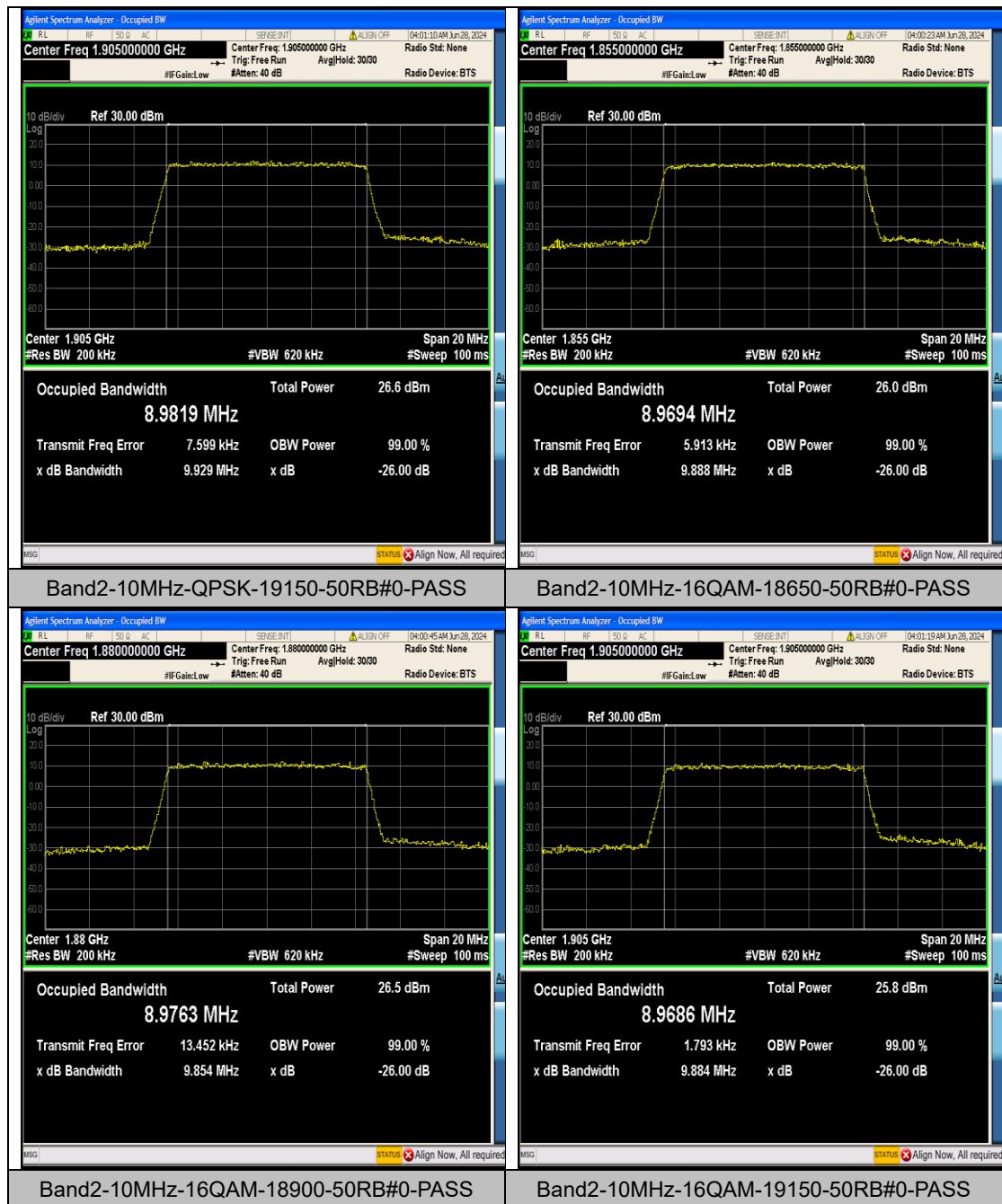


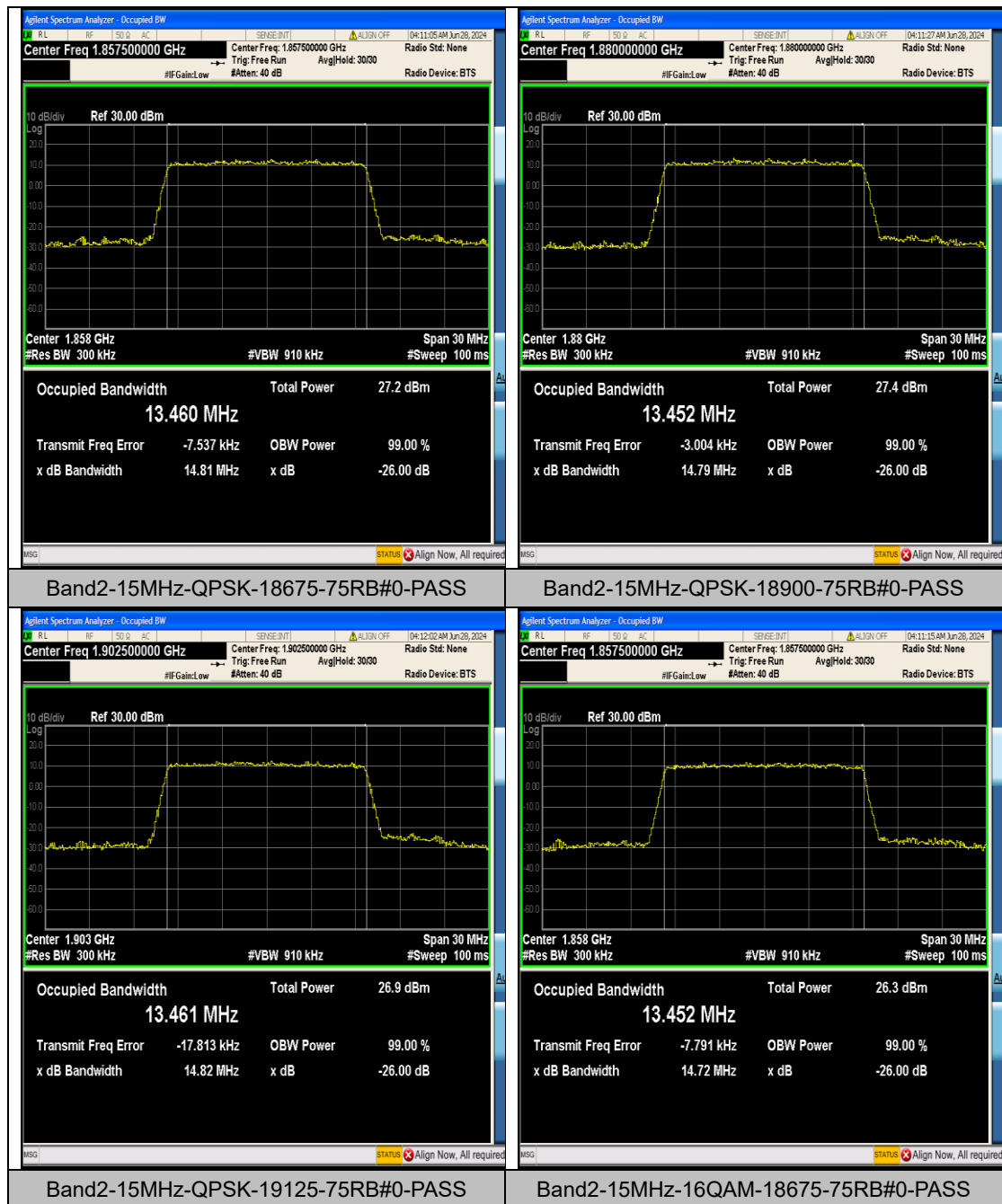


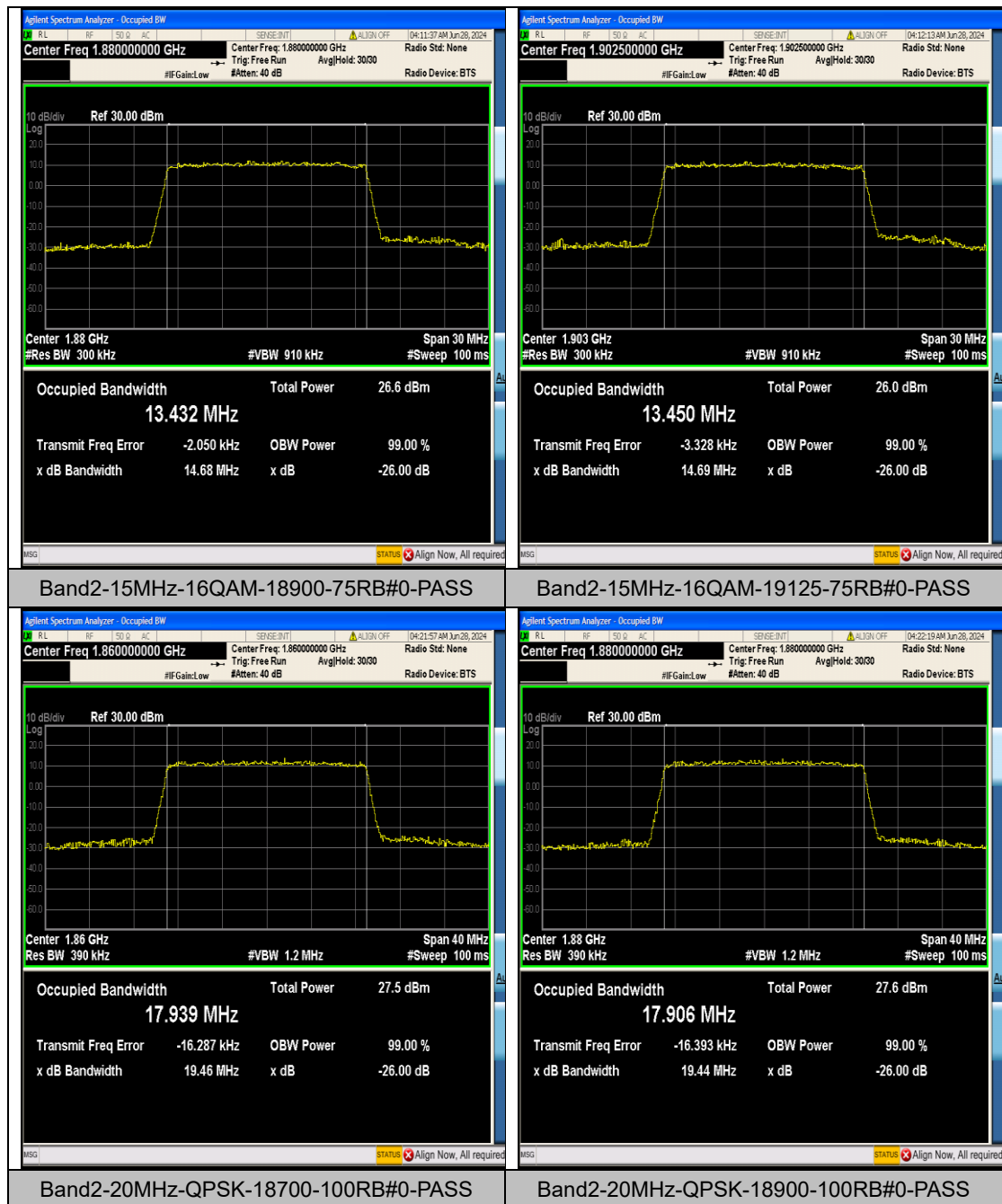


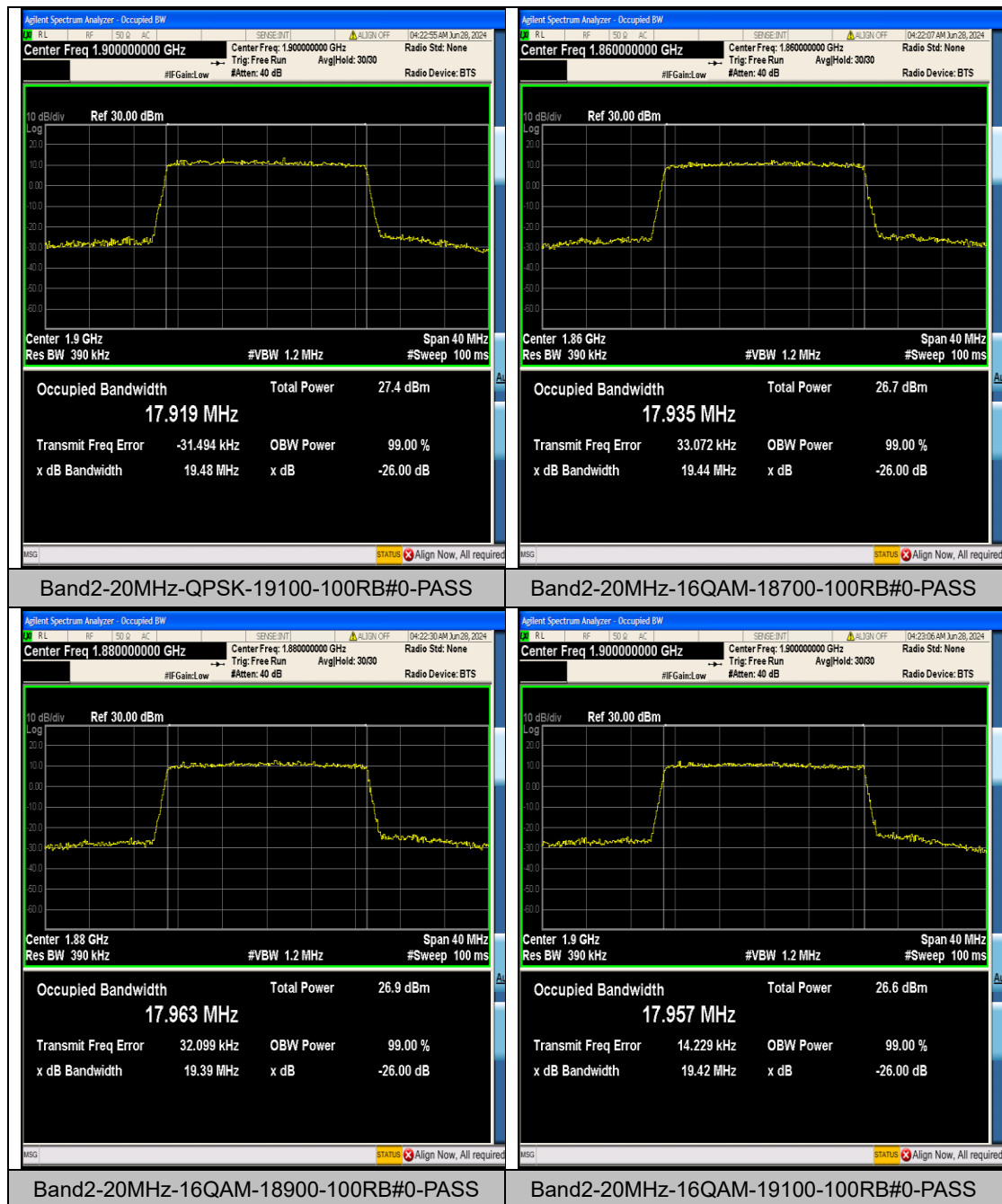












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-32.46	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-30.74	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-33.30	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.02	PASS
Band2	3MHz	QPSK	18615	15RB#0	-32.98	PASS
Band2	3MHz	QPSK	19185	15RB#0	-27.99	PASS
Band2	3MHz	16QAM	18615	15RB#0	-33.58	PASS
Band2	3MHz	16QAM	19185	15RB#0	-28.83	PASS
Band2	5MHz	QPSK	18625	25RB#0	-34.58	PASS
Band2	5MHz	QPSK	19175	25RB#0	-29.02	PASS
Band2	5MHz	16QAM	18625	25RB#0	-35.12	PASS
Band2	5MHz	16QAM	19175	25RB#0	-30.29	PASS
Band2	10MHz	QPSK	18650	50RB#0	-36.33	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.21	PASS
Band2	10MHz	16QAM	18650	50RB#0	-37.13	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.46	PASS
Band2	15MHz	QPSK	18675	75RB#0	-36.15	PASS
Band2	15MHz	QPSK	19125	75RB#0	-31.45	PASS
Band2	15MHz	16QAM	18675	75RB#0	-37.13	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.90	PASS
Band2	20MHz	QPSK	18700	100RB#0	-38.55	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.53	PASS
Band2	20MHz	16QAM	18700	100RB#0	-38.55	PASS
Band2	20MHz	16QAM	19100	100RB#0	-34.02	PASS

Test Graphs

