

FCC Appendix RF Test Data for LTE Band 2

FCC ID : **R38YLCPK23**

Company : **Yulong Computer Telecommunication Scientific
(Shenzhen) Co., Ltd**

EUT : **Smart Phone**

Model Number : **K23**

Report No. : **CTA26032500703**

Reviewed By : **Eric Wang**

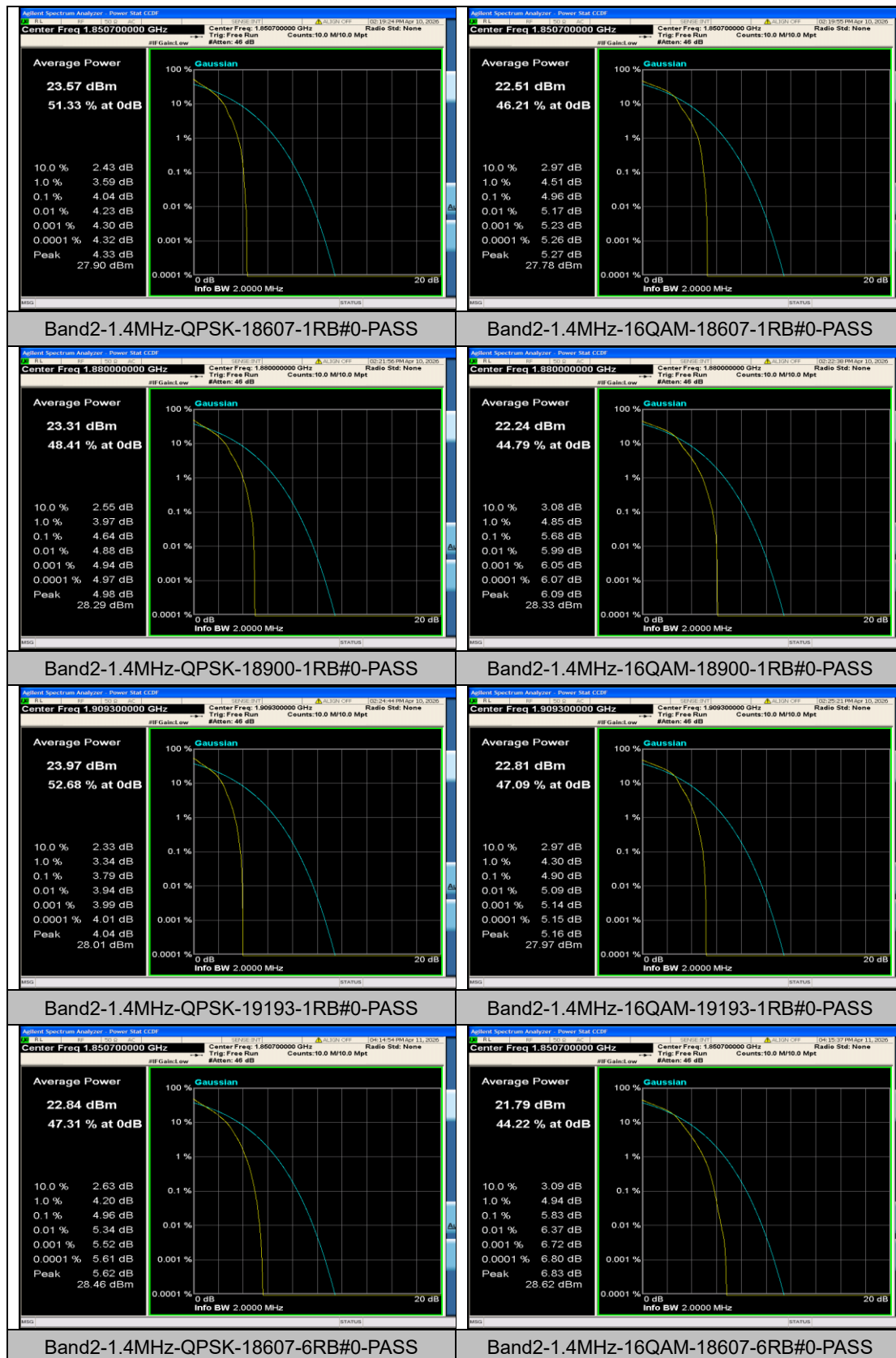
Appendix A: Peak-to-Average Ratio(CCDF)

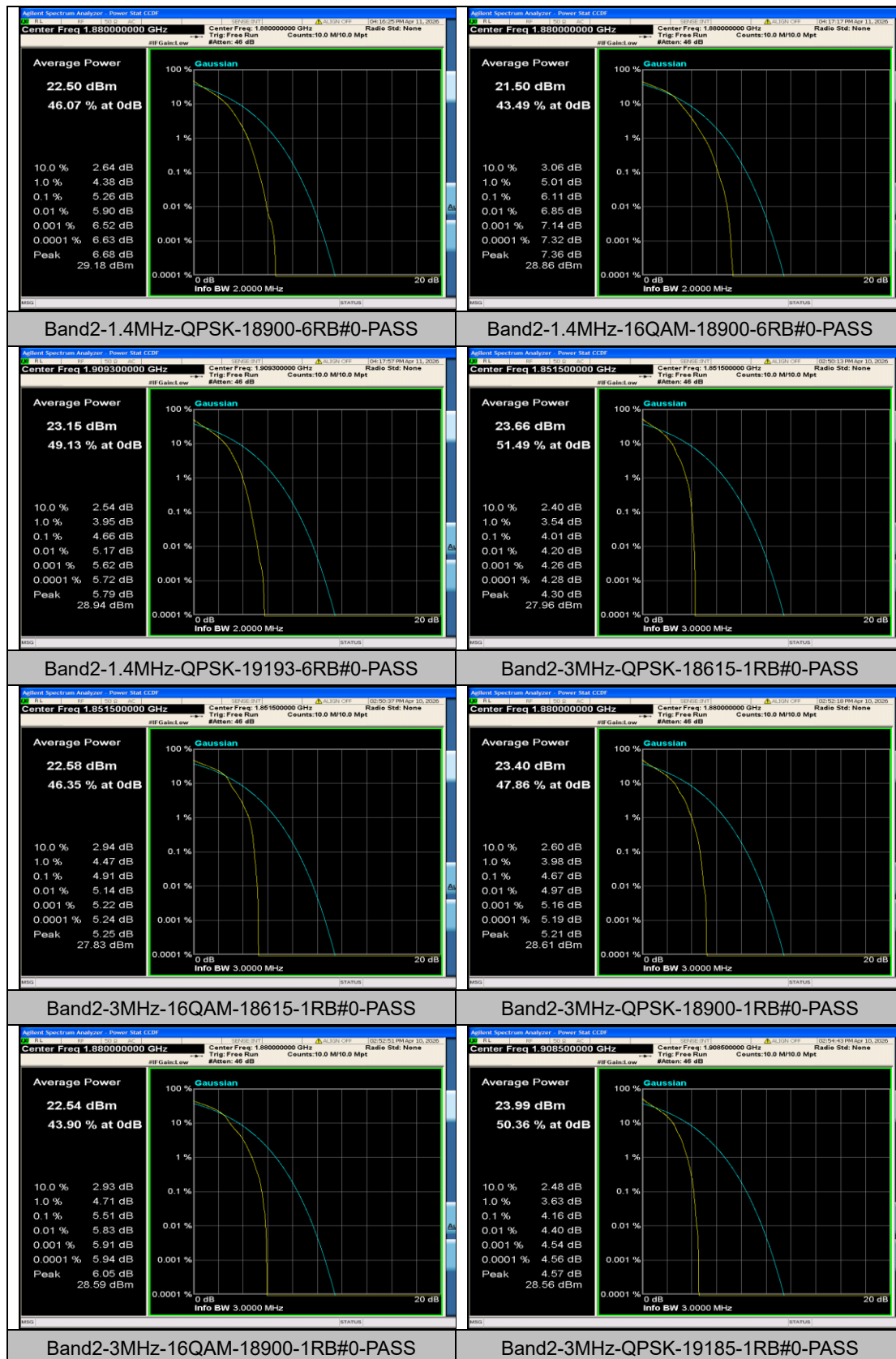
Test Result

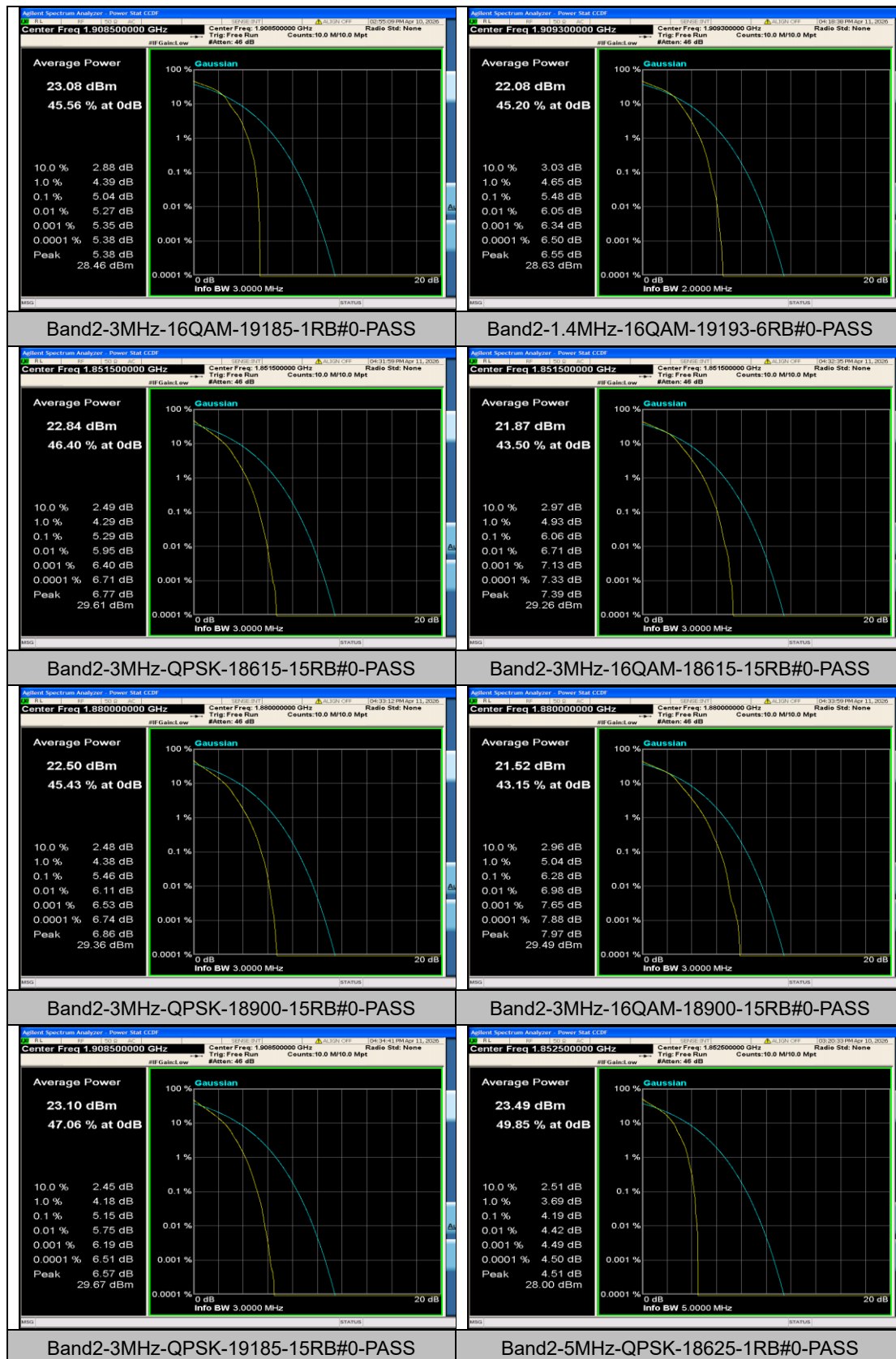
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	4.04	13	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	4.96	13	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	4.64	13	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	5.68	13	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3.79	13	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	4.90	13	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	4.96	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.83	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.26	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.11	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.66	13	PASS
Band2	3MHz	QPSK	18615	1RB#0	4.01	13	PASS
Band2	3MHz	16QAM	18615	1RB#0	4.91	13	PASS
Band2	3MHz	QPSK	18900	1RB#0	4.67	13	PASS
Band2	3MHz	16QAM	18900	1RB#0	5.51	13	PASS
Band2	3MHz	QPSK	19185	1RB#0	4.16	13	PASS
Band2	3MHz	16QAM	19185	1RB#0	5.04	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.48	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.29	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.06	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.46	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.28	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.15	13	PASS
Band2	5MHz	QPSK	18625	1RB#0	4.19	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	4.92	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.74	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.38	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.60	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	5.26	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.96	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.38	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.08	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.59	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.28	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.33	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.08	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	4.97	13	PASS

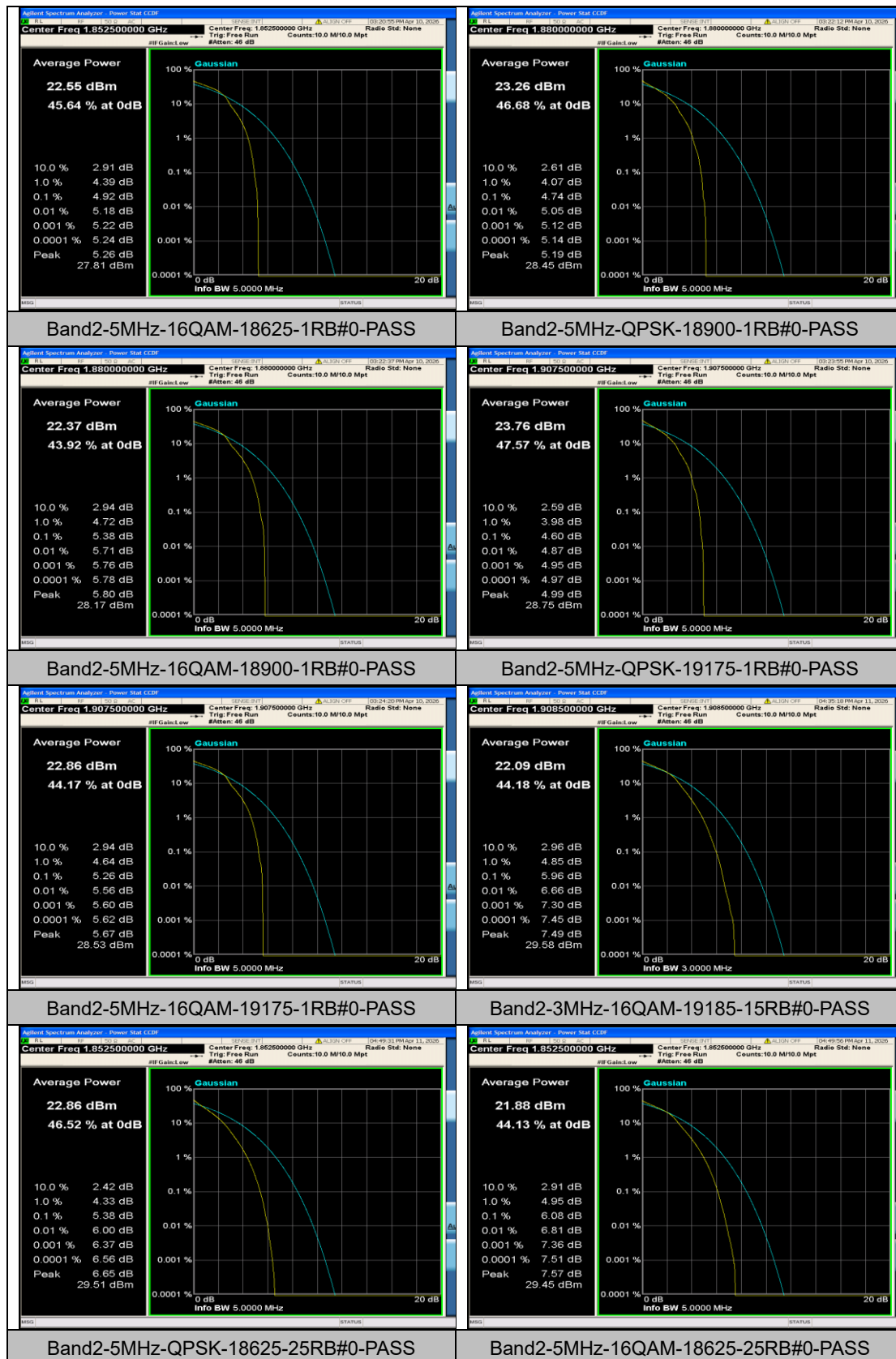
Band2	10MHz	QPSK	18900	1RB#0	4.65	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	5.53	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	4.88	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	5.74	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.06	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.18	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.57	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.31	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.51	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	4.13	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	5.02	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	4.65	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	5.52	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	4.71	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	5.58	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.26	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.74	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.31	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.86	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.40	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.84	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.39	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.48	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.25	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.55	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.31	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.60	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.31	13	PASS

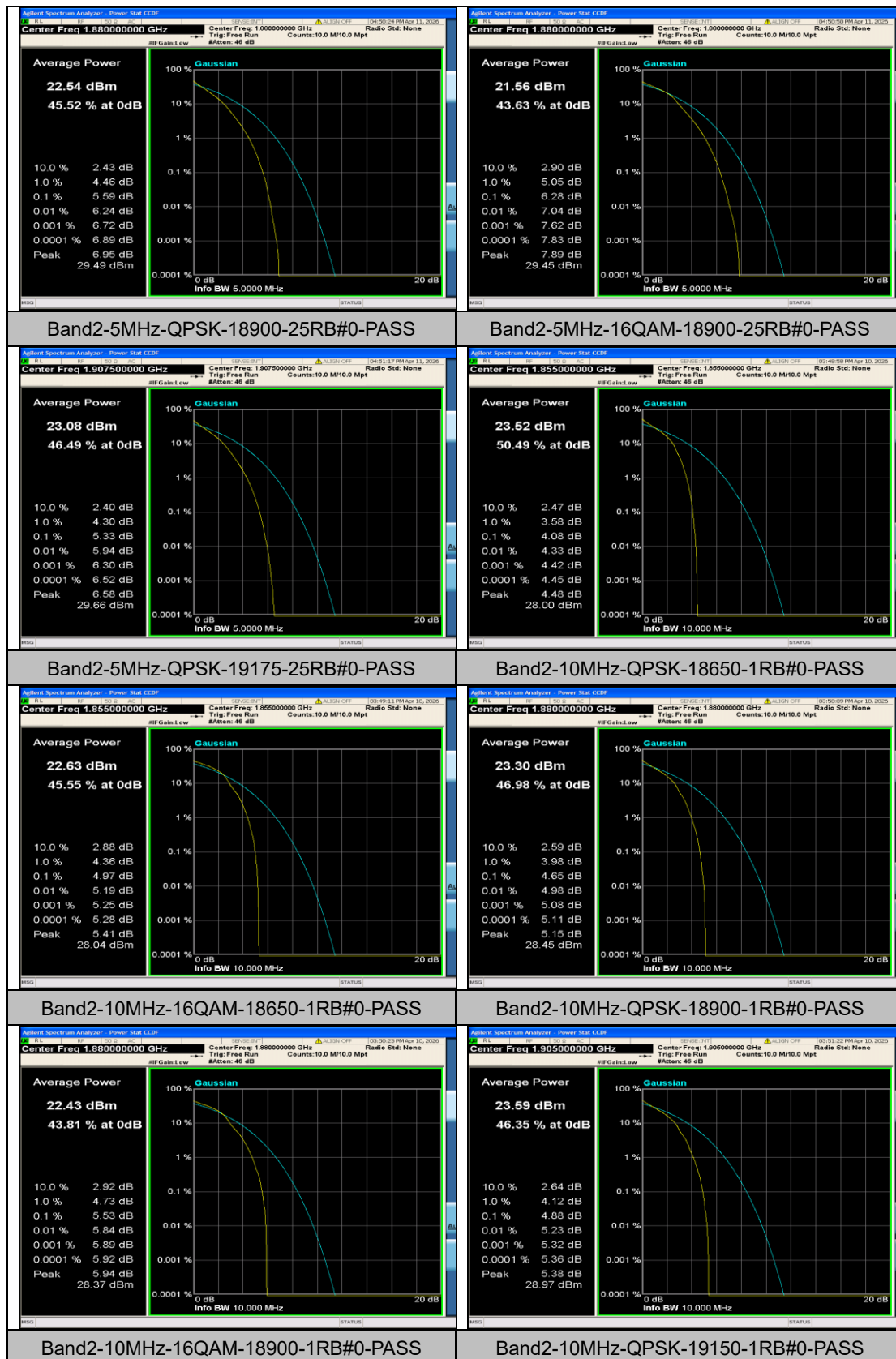
Test Graphs

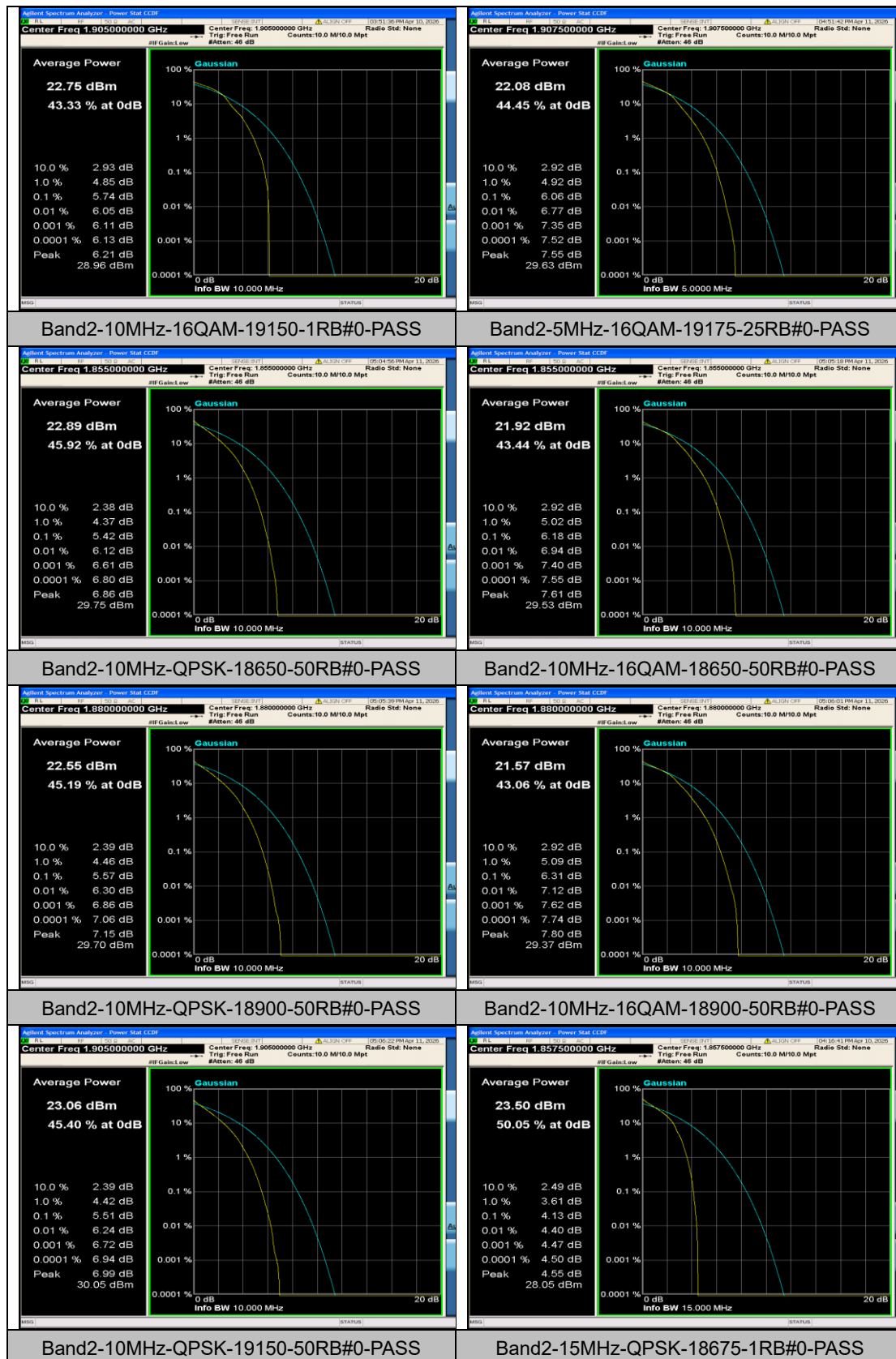


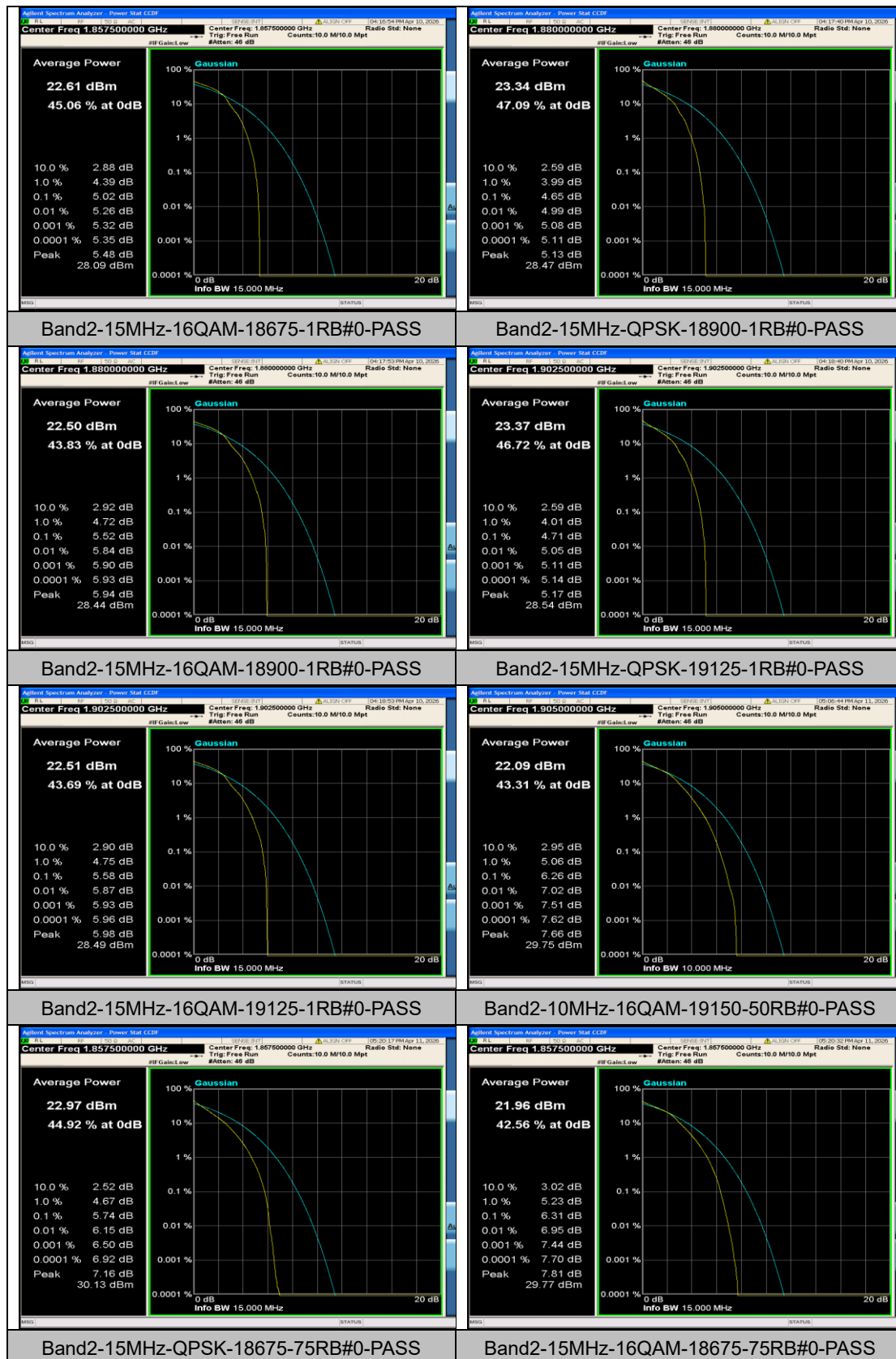


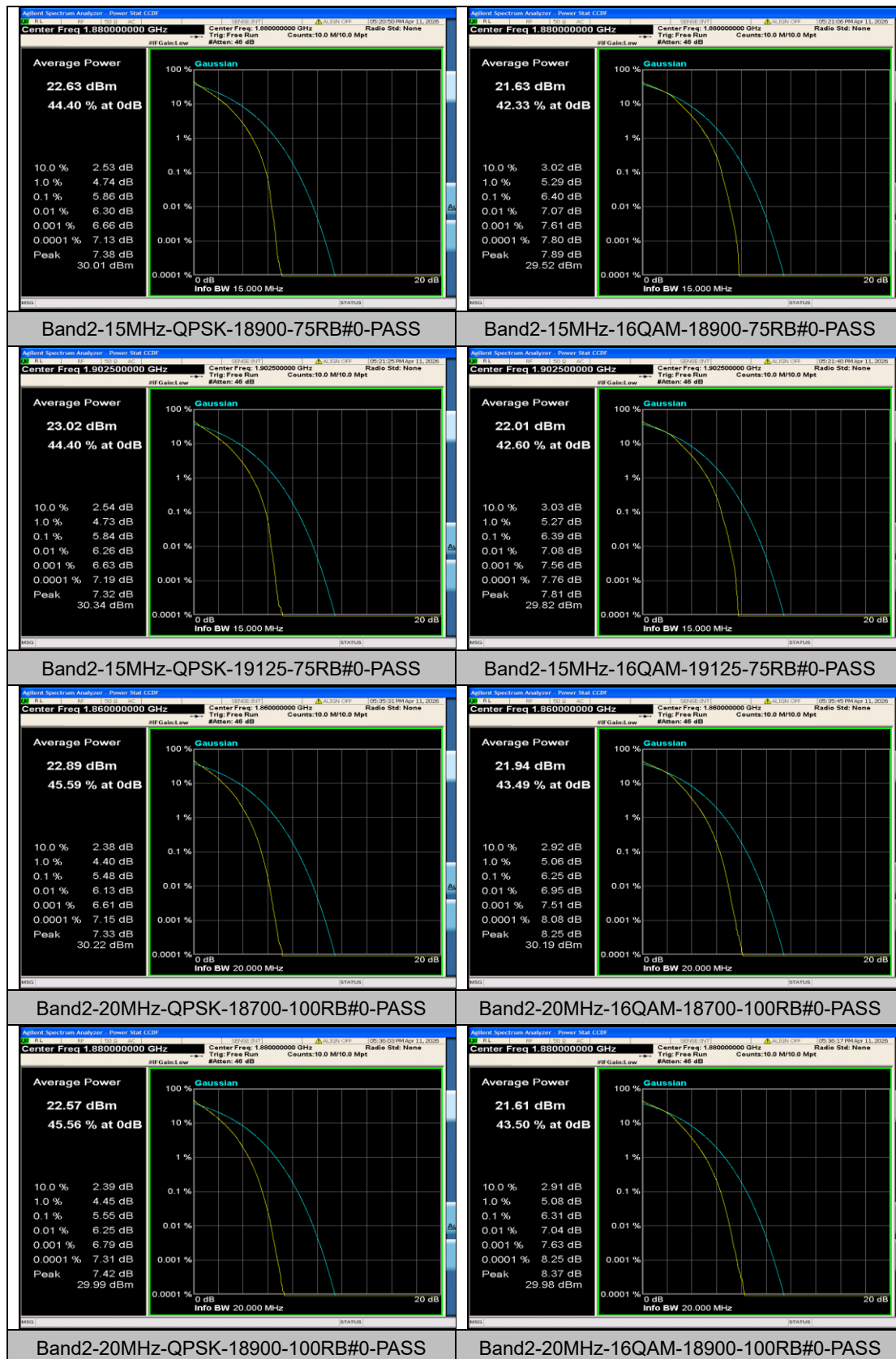


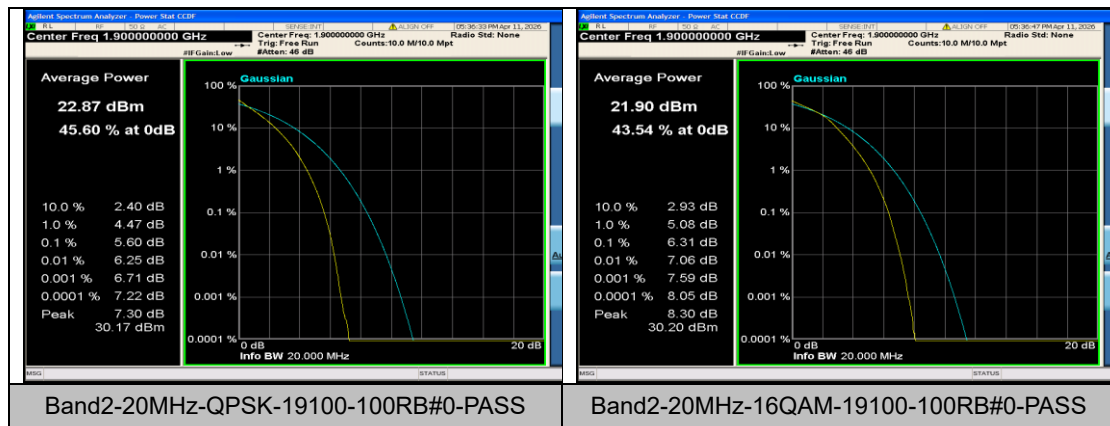












Band2-20MHz-16QAM-19100-100RB#0-PASS

Appendix B: 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	1.0966	1.288	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0958	1.296	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0906	1.292	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0952	1.311	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0904	1.286	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0959	1.315	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6901	2.900	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6839	2.908	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6902	2.882	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6790	2.905	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6908	2.903	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6854	2.905	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.4995	4.960	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4923	4.912	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5015	4.942	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4901	4.900	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5056	4.949	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4943	4.906	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9733	9.821	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9872	9.753	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9903	9.793	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9820	9.688	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9940	9.844	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0067	9.695	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.481	14.81	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.474	14.61	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.507	14.76	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.489	14.67	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.523	14.72	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.502	14.68	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.948	19.38	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.994	19.36	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.980	19.46	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.019	19.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.011	19.71	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.987	19.39	PASS

Test Graphs

