

FCC Appendix RF Test Data for LTE Band 2

FCC ID : 2BT4L-M5-CX

Company : Infinity Mobile Limited

EUT : Portable WIFI

Model Number : M5-CX

Report No. : CTA25103000201

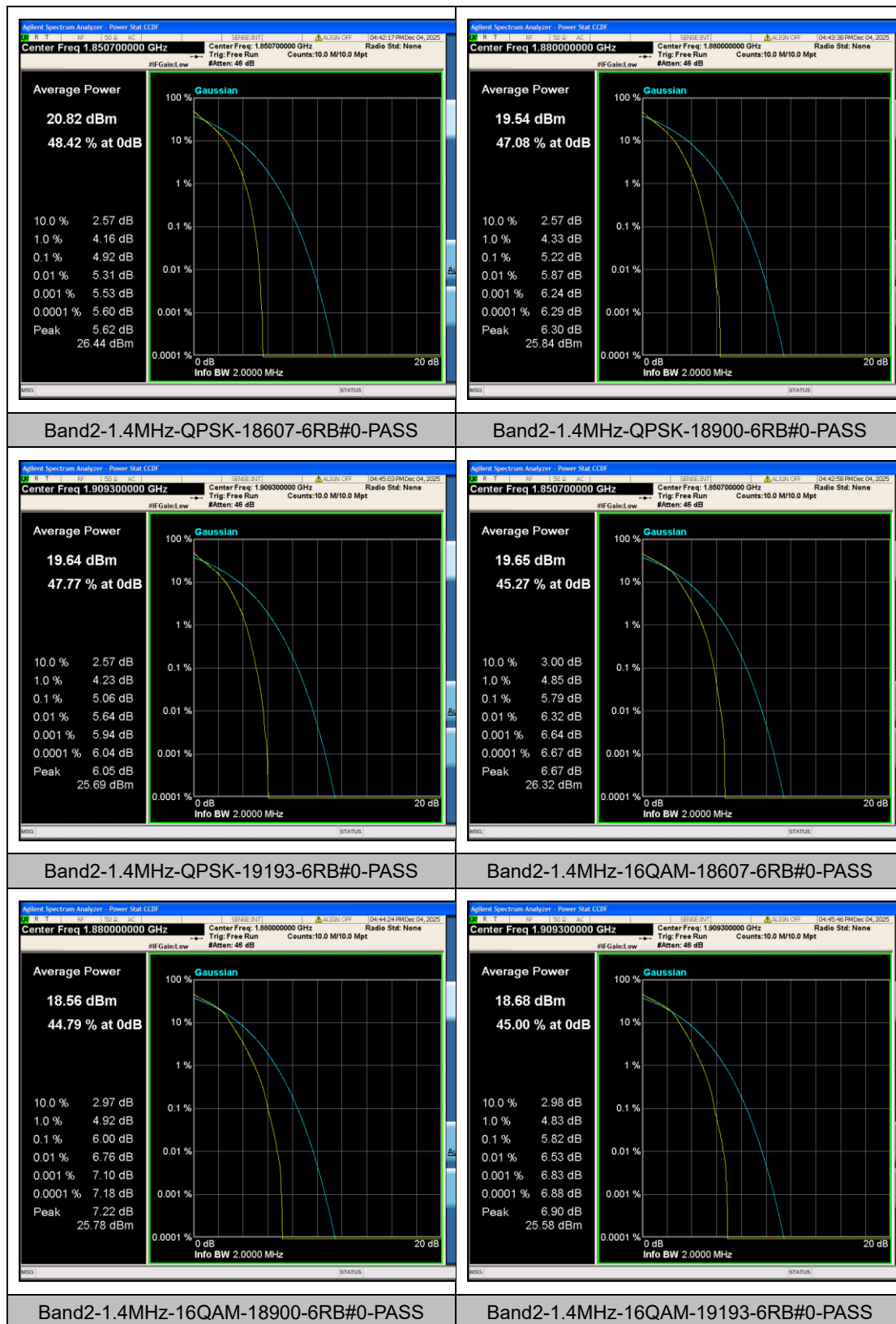
Reviewed By : Eric Wang

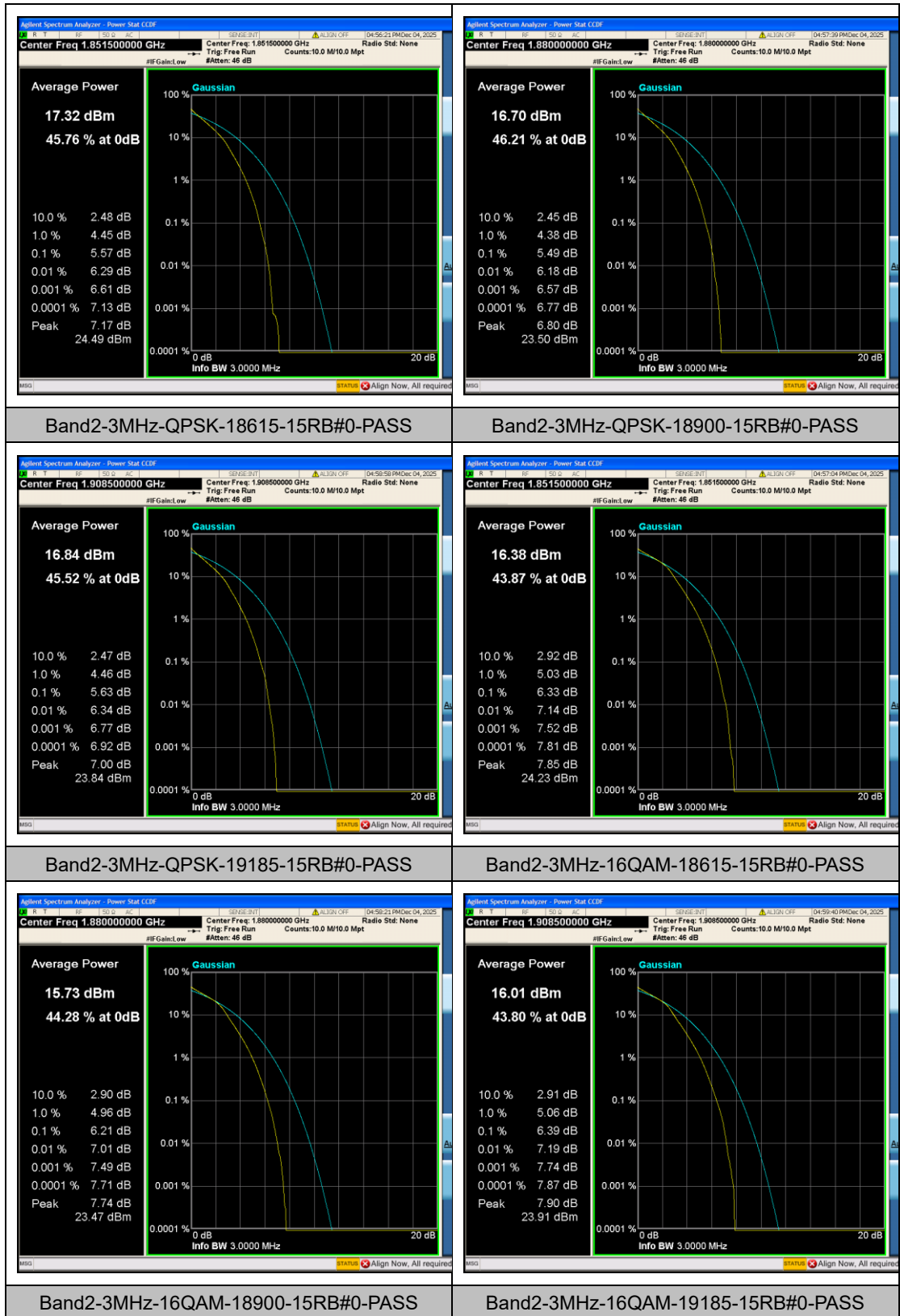
Appendix B: Peak-to-Average Ratio(CCDF)

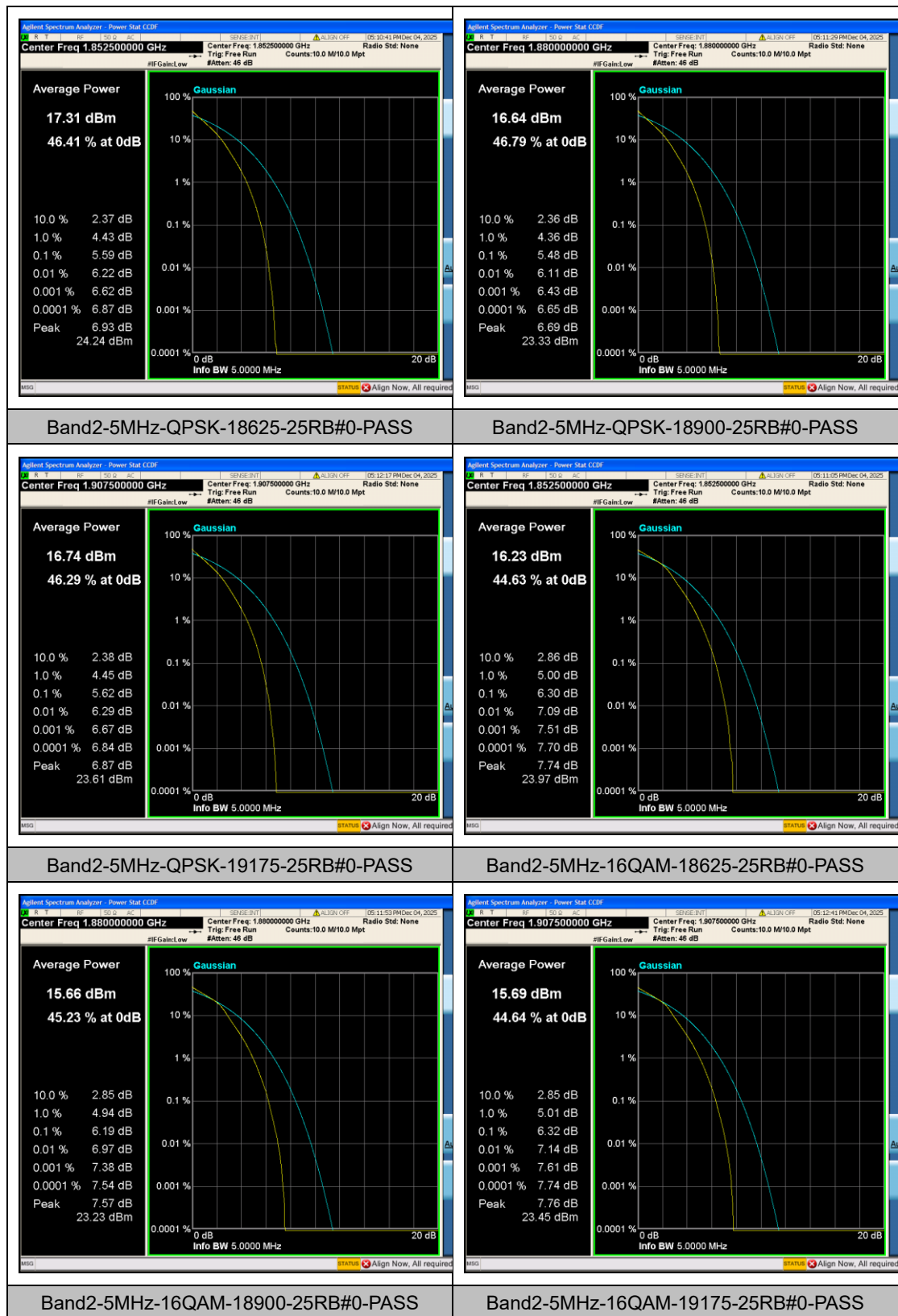
Test Result

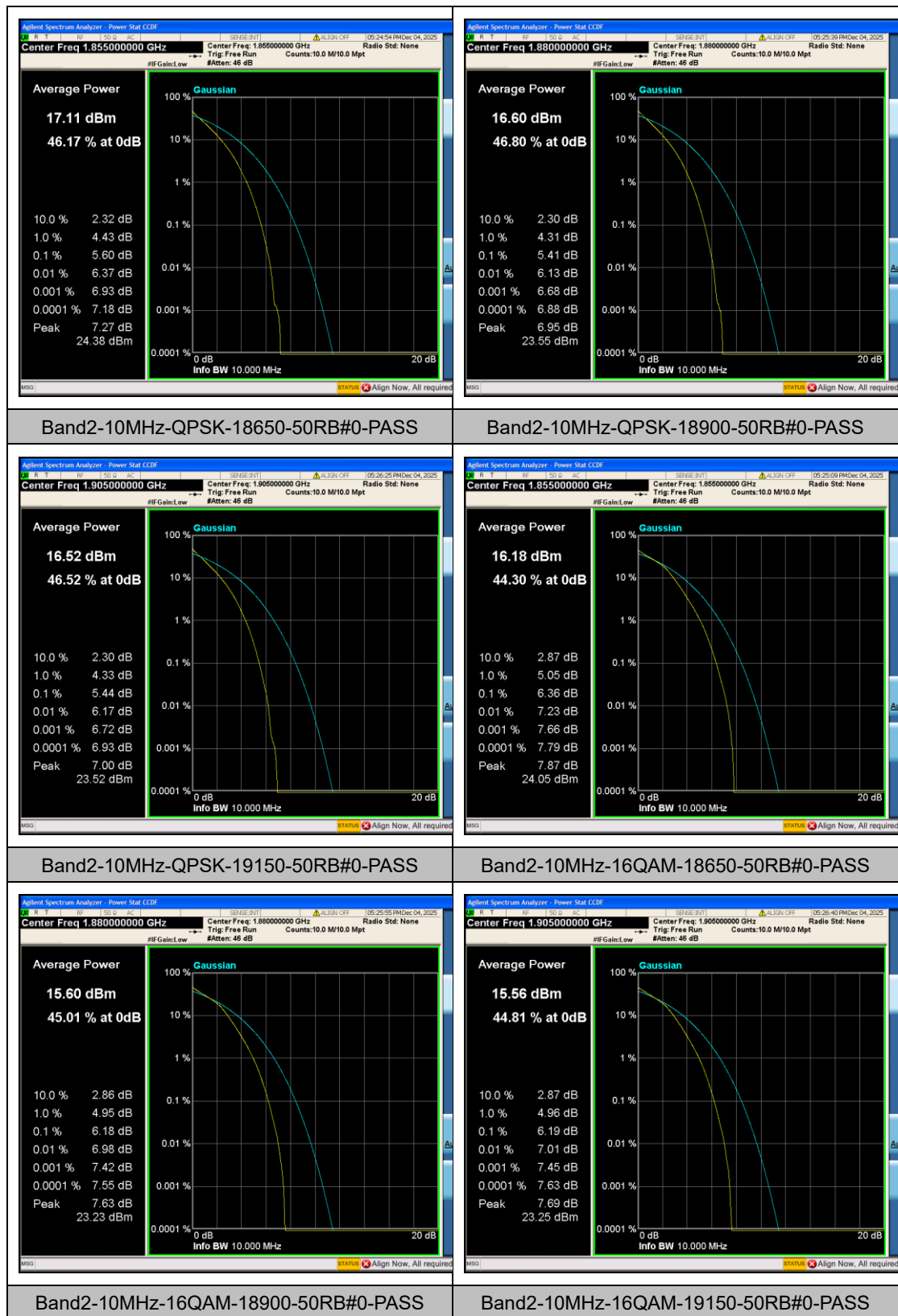
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.92	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.22	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.06	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.79	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.00	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.82	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.57	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.49	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.63	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.33	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.21	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.39	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.59	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.48	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.62	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.30	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.19	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.32	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.60	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.41	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.44	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.36	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.18	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.19	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.89	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.70	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.63	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.41	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.20	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.13	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.43	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.36	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.32	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.24	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.03	13	PASS

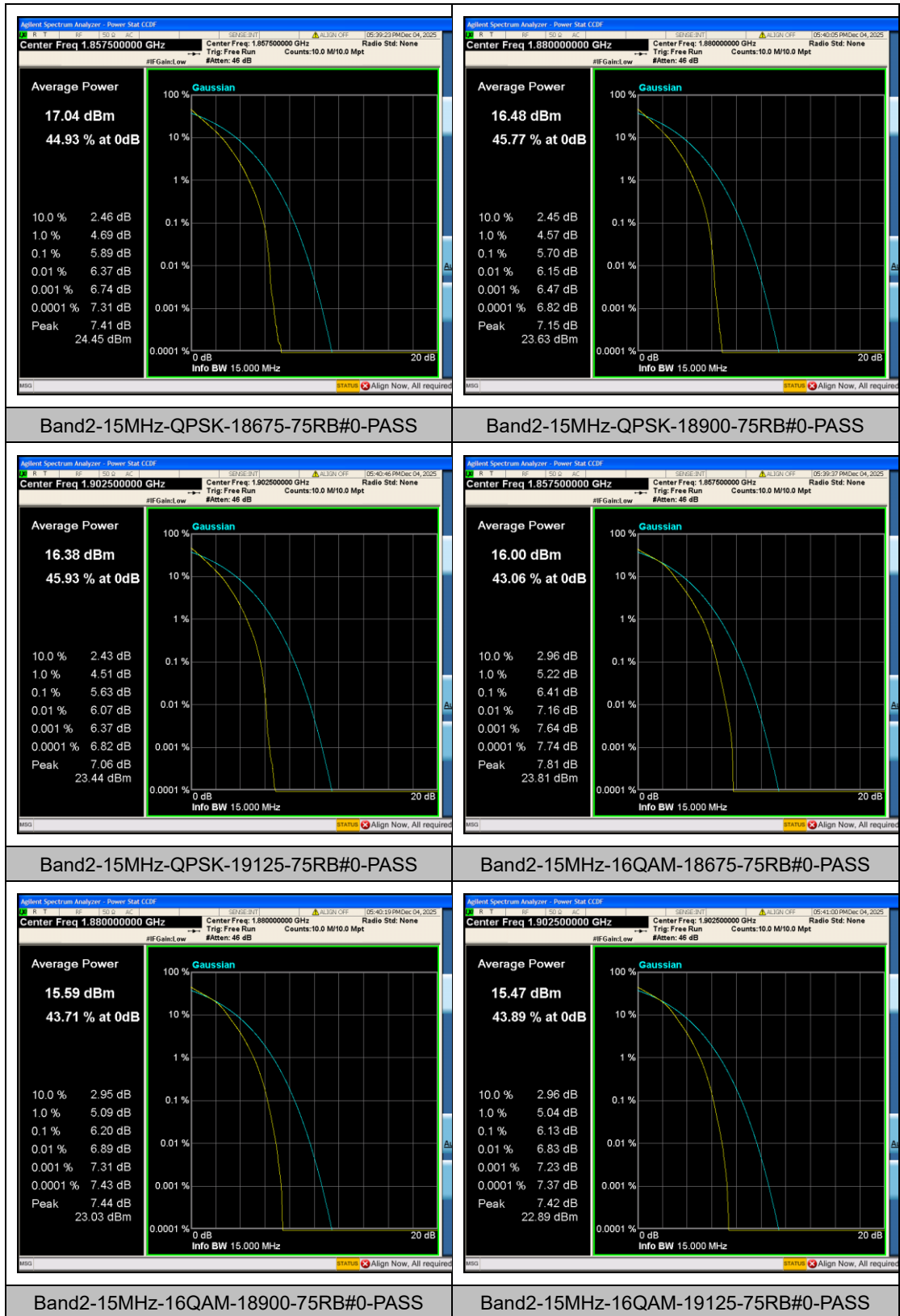
Test Graphs

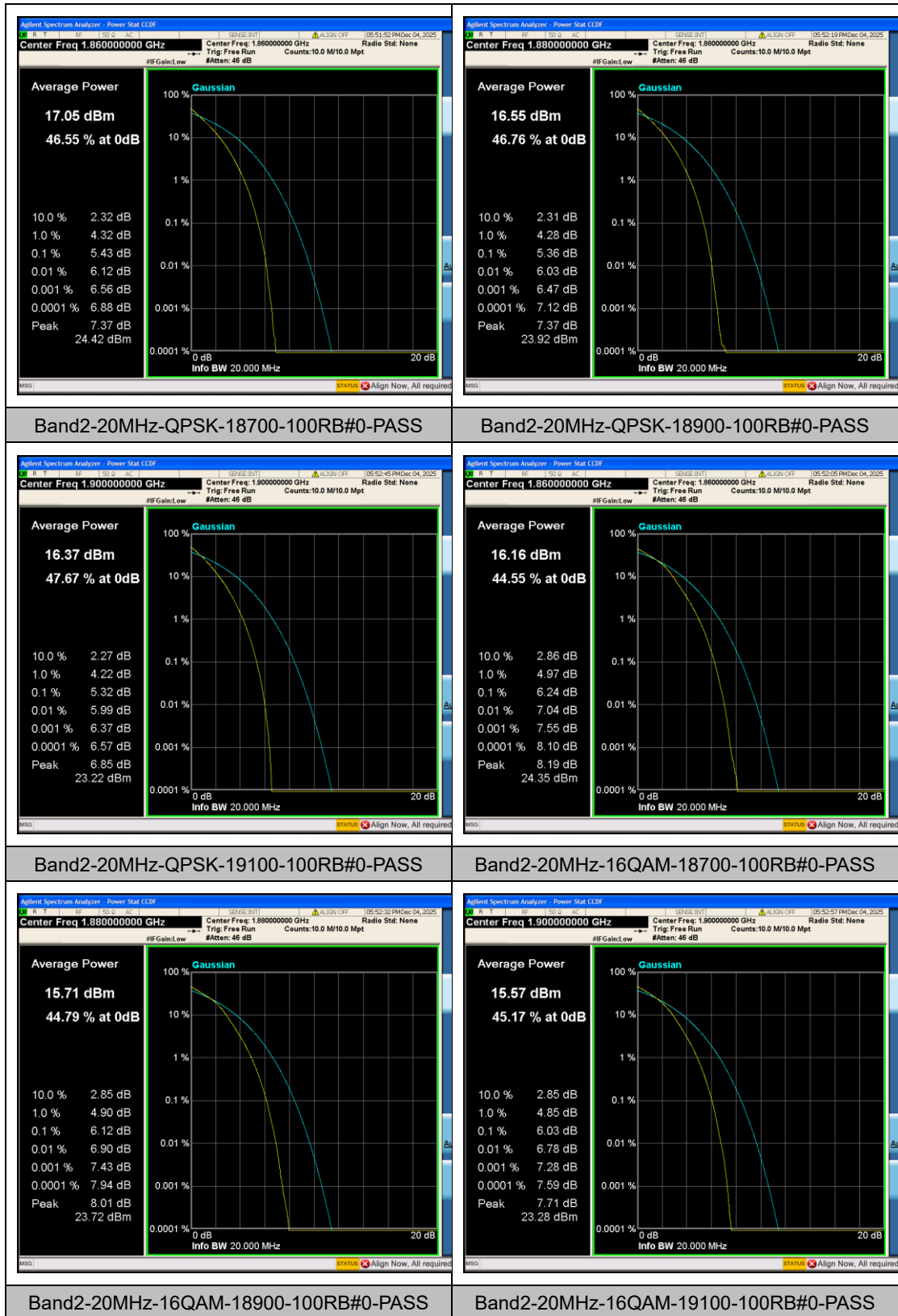










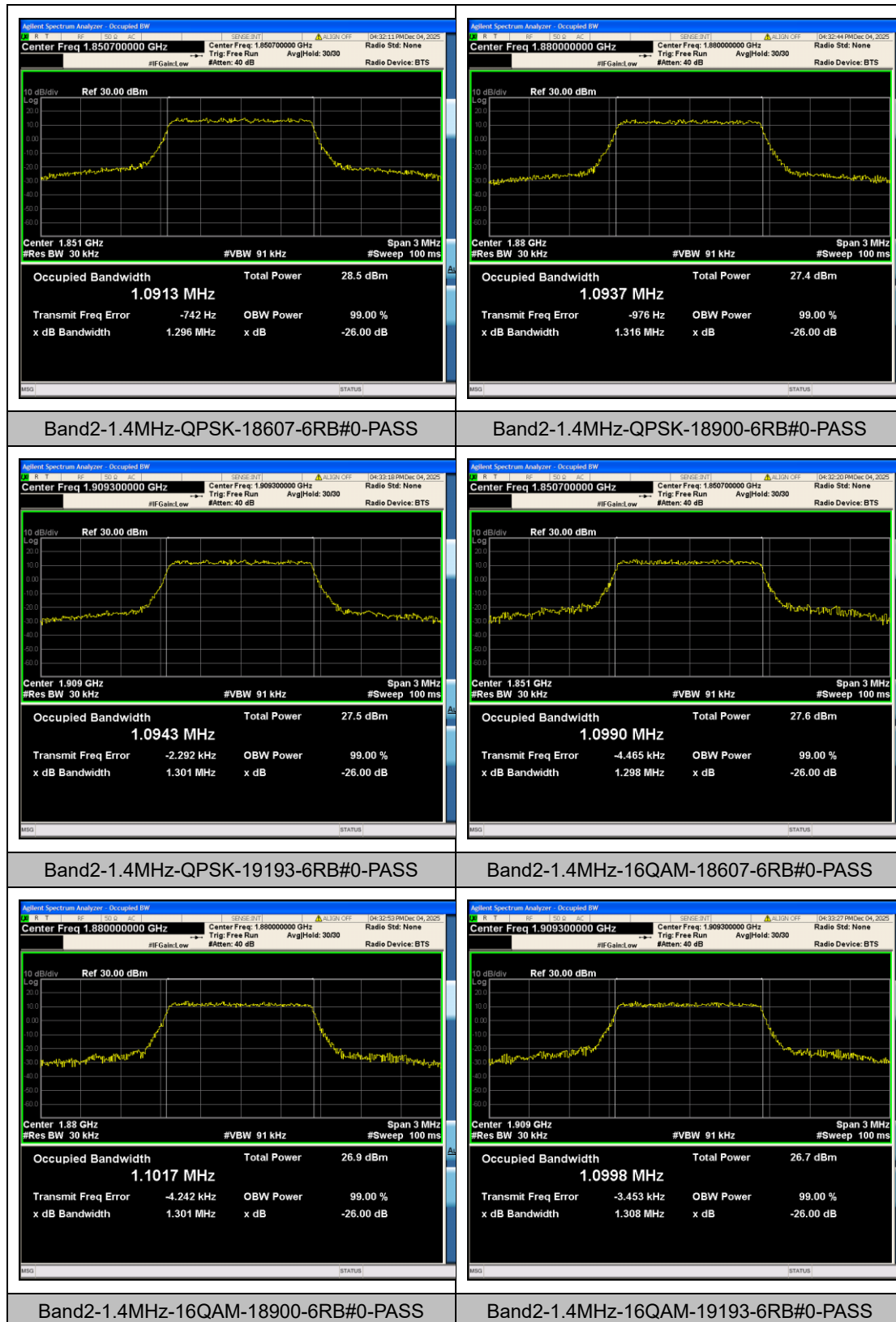


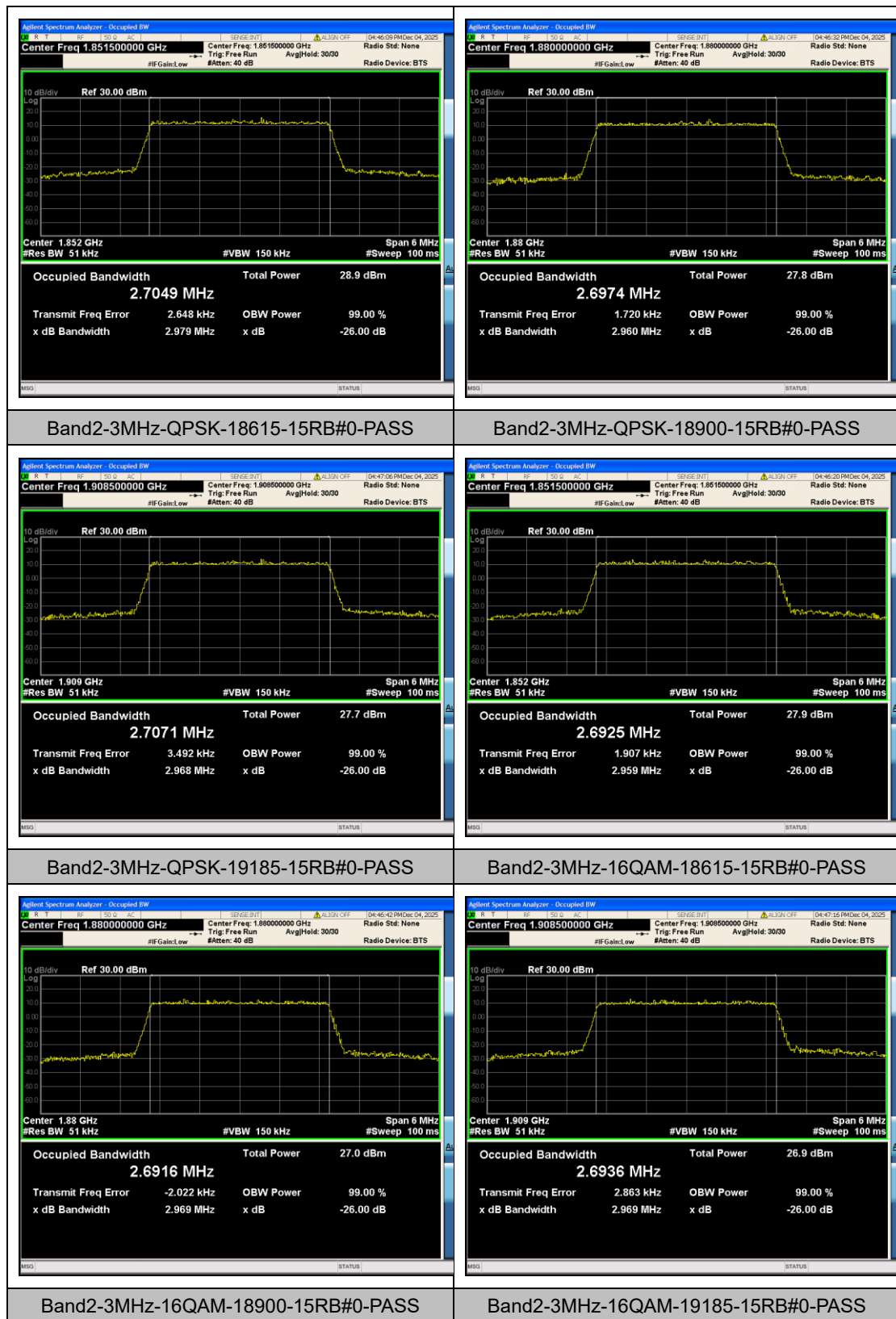
Appendix C: 26dB Bandwidth and Occupied Bandwidth

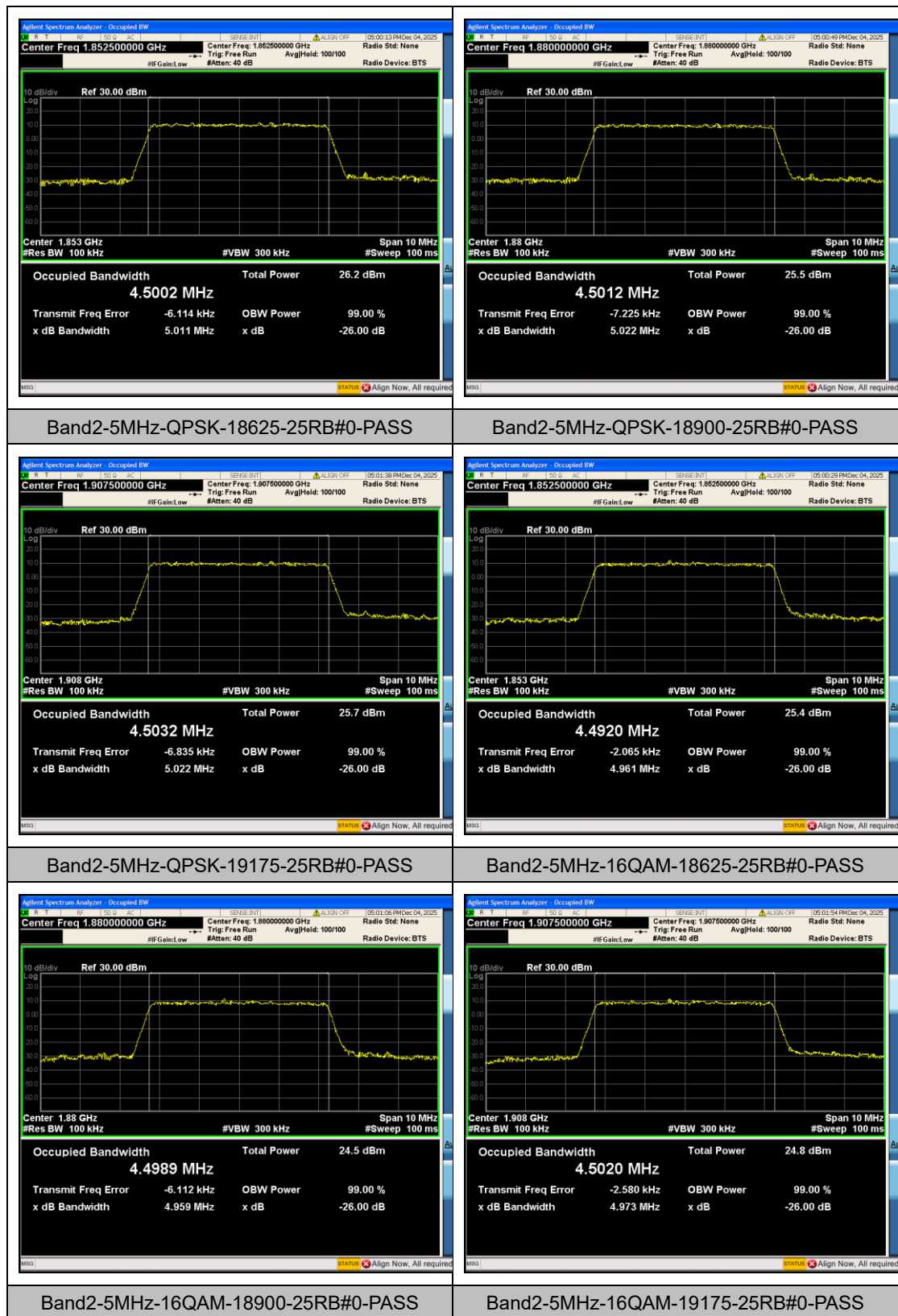
Test Result

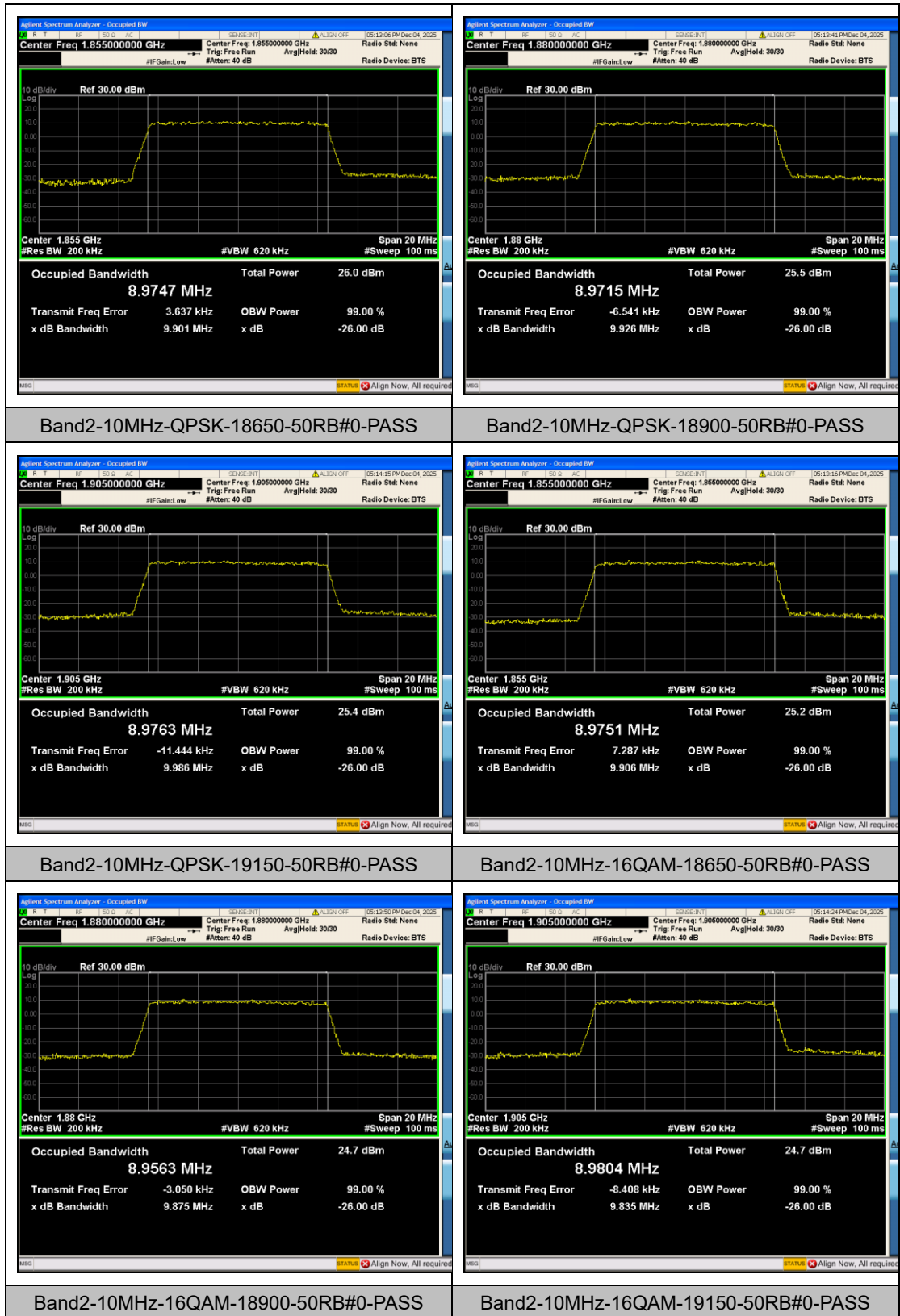
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0913	1.296	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0937	1.316	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0943	1.301	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0990	1.298	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1017	1.301	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0998	1.308	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7049	2.979	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6974	2.960	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7071	2.968	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6925	2.959	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6916	2.969	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6936	2.969	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5002	5.011	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5012	5.022	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5032	5.022	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4920	4.961	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4989	4.959	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5020	4.973	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9747	9.901	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9715	9.926	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9763	9.986	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9751	9.906	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9563	9.875	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9804	9.835	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.460	14.76	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.444	14.82	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.443	14.74	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.456	14.72	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.432	14.65	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.428	14.60	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.938	19.40	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.908	19.47	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.892	19.62	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.962	19.41	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.940	19.54	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.876	19.38	PASS

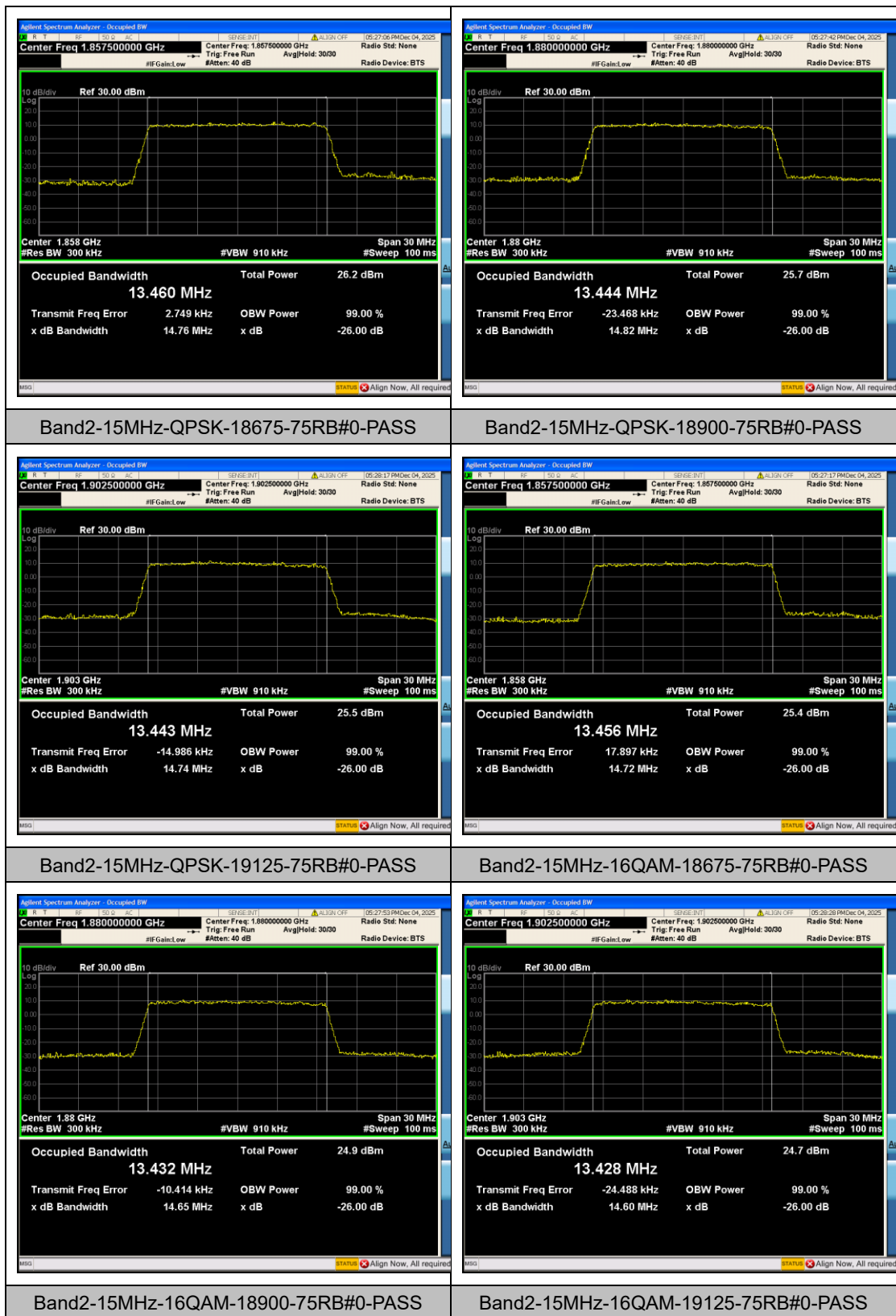
Test Graphs

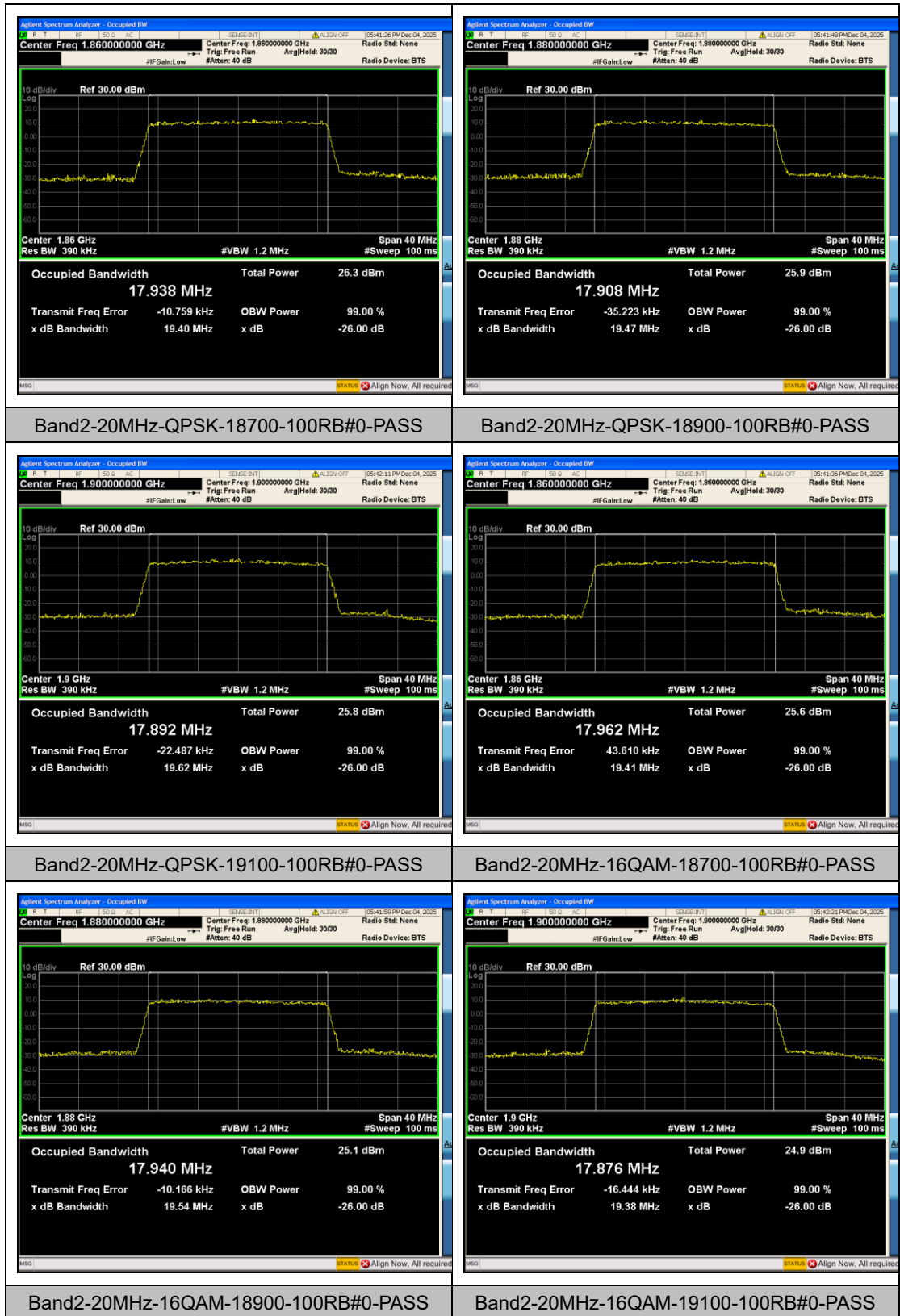












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-27.12	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-29.93	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.65	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-31.17	PASS
Band2	3MHz	QPSK	18615	15RB#0	-28.98	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.55	PASS
Band2	3MHz	16QAM	18615	15RB#0	-30.26	PASS
Band2	3MHz	16QAM	19185	15RB#0	-26.87	PASS
Band2	5MHz	QPSK	18625	25RB#0	-36.18	PASS
Band2	5MHz	QPSK	19175	25RB#0	-30.87	PASS
Band2	5MHz	16QAM	18625	25RB#0	-36.08	PASS
Band2	5MHz	16QAM	19175	25RB#0	-31.37	PASS
Band2	10MHz	QPSK	18650	50RB#0	-38.61	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.80	PASS
Band2	10MHz	16QAM	18650	50RB#0	-38.04	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.95	PASS
Band2	15MHz	QPSK	18675	75RB#0	-39.85	PASS
Band2	15MHz	QPSK	19125	75RB#0	-33.26	PASS
Band2	15MHz	16QAM	18675	75RB#0	-38.44	PASS
Band2	15MHz	16QAM	19125	75RB#0	-33.77	PASS
Band2	20MHz	QPSK	18700	100RB#0	-39.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	-35.06	PASS
Band2	20MHz	16QAM	18700	100RB#0	-38.53	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.30	PASS