

FCC LTE Band Test Data

FCC ID : 2BKLE-ARIES

Company: : Versa World Inc.

EUT : POC/IP Two Way Radio

Model Number : G232

Reviewed By : Eric Wang

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

Test Result

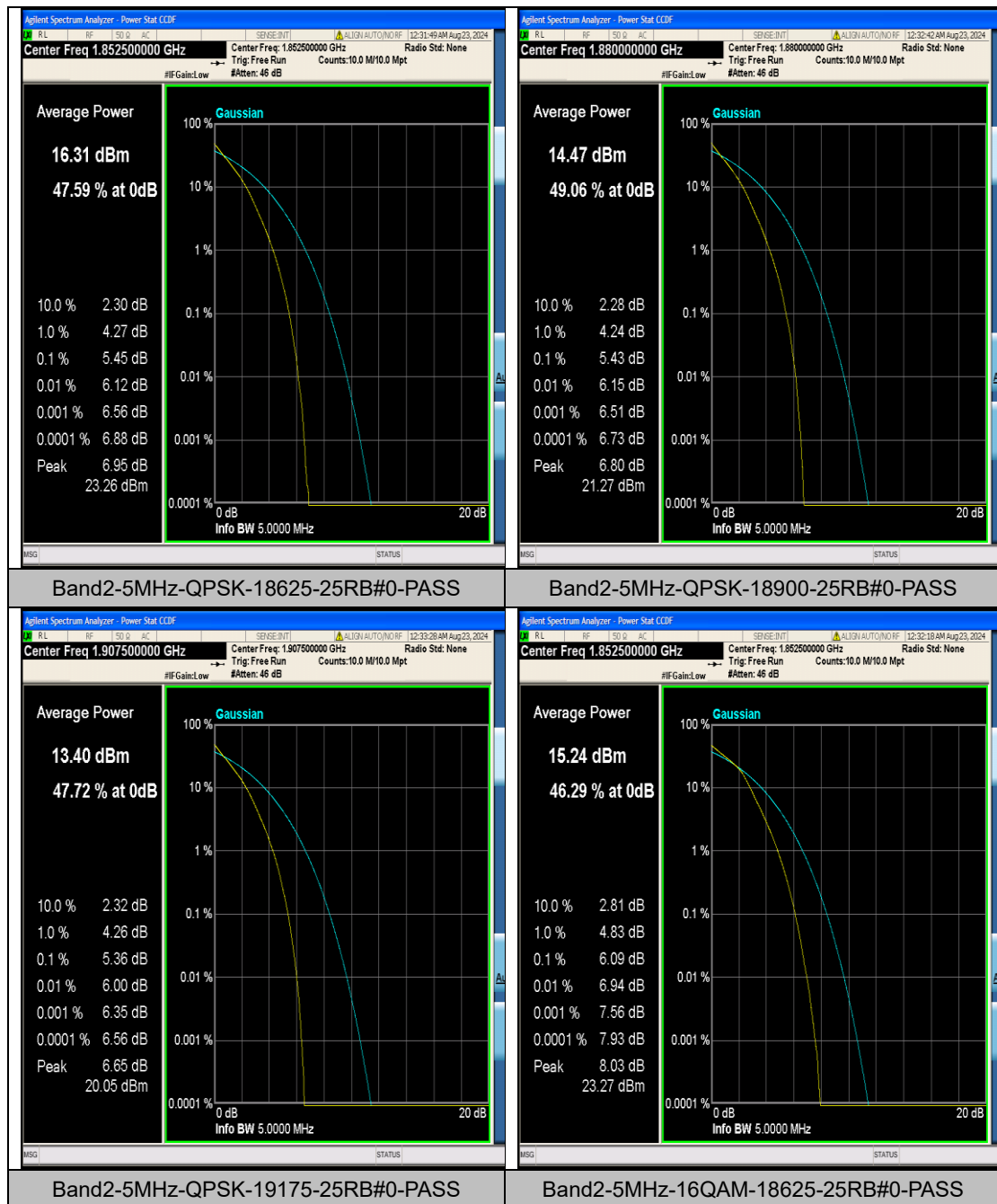
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.98	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.06	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.72	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.72	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.80	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.57	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.31	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.31	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.15	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.95	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.15	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.91	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.45	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.43	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.36	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.09	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.05	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.05	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.44	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.46	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.42	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.10	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.09	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.05	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.72	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.75	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.69	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.22	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.20	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.18	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.32	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.42	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.46	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.10	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.11	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.16	13	PASS

Test Graphs



















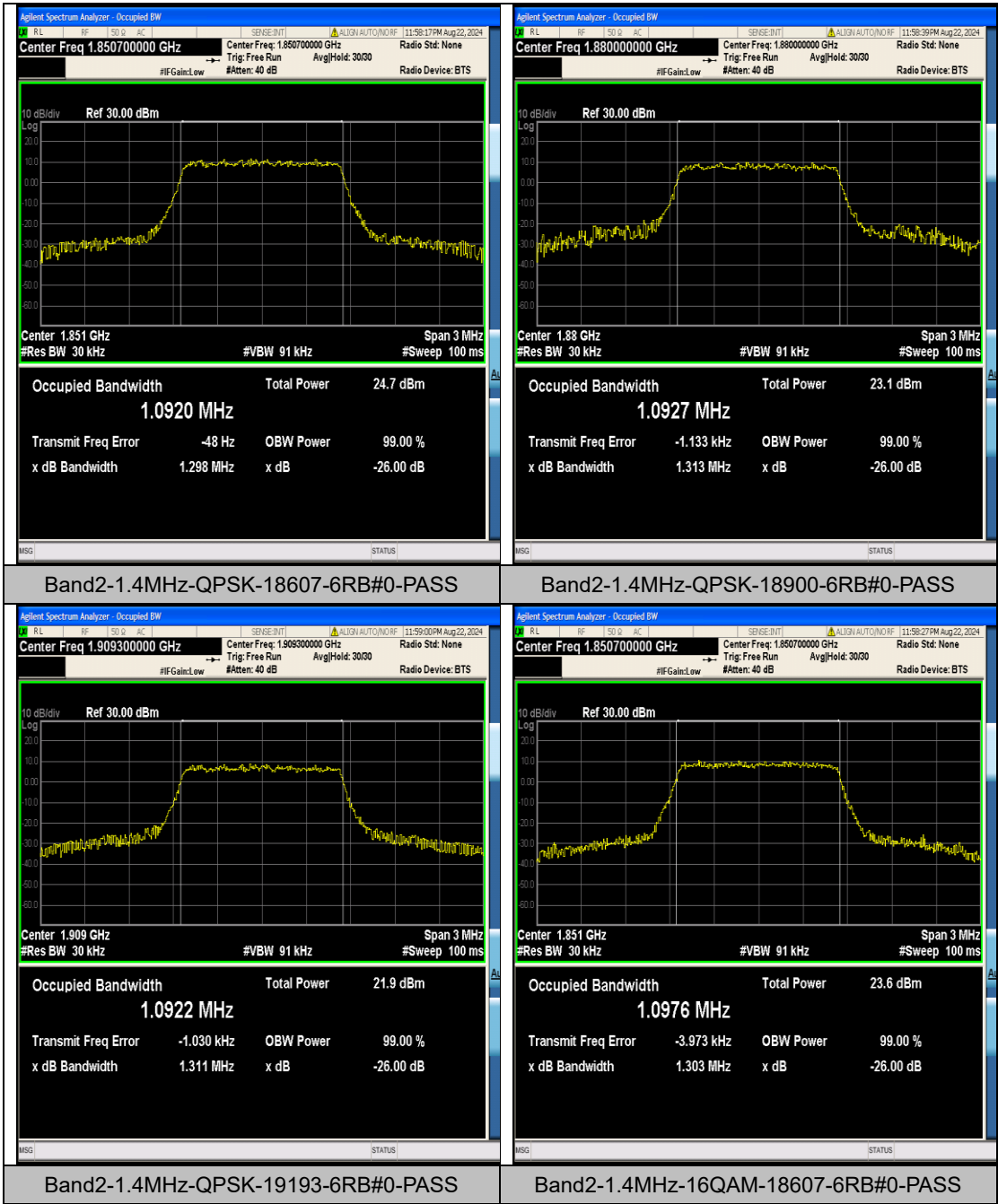
Appendix C: 26dB Bandwidth and Occupied Bandwidth

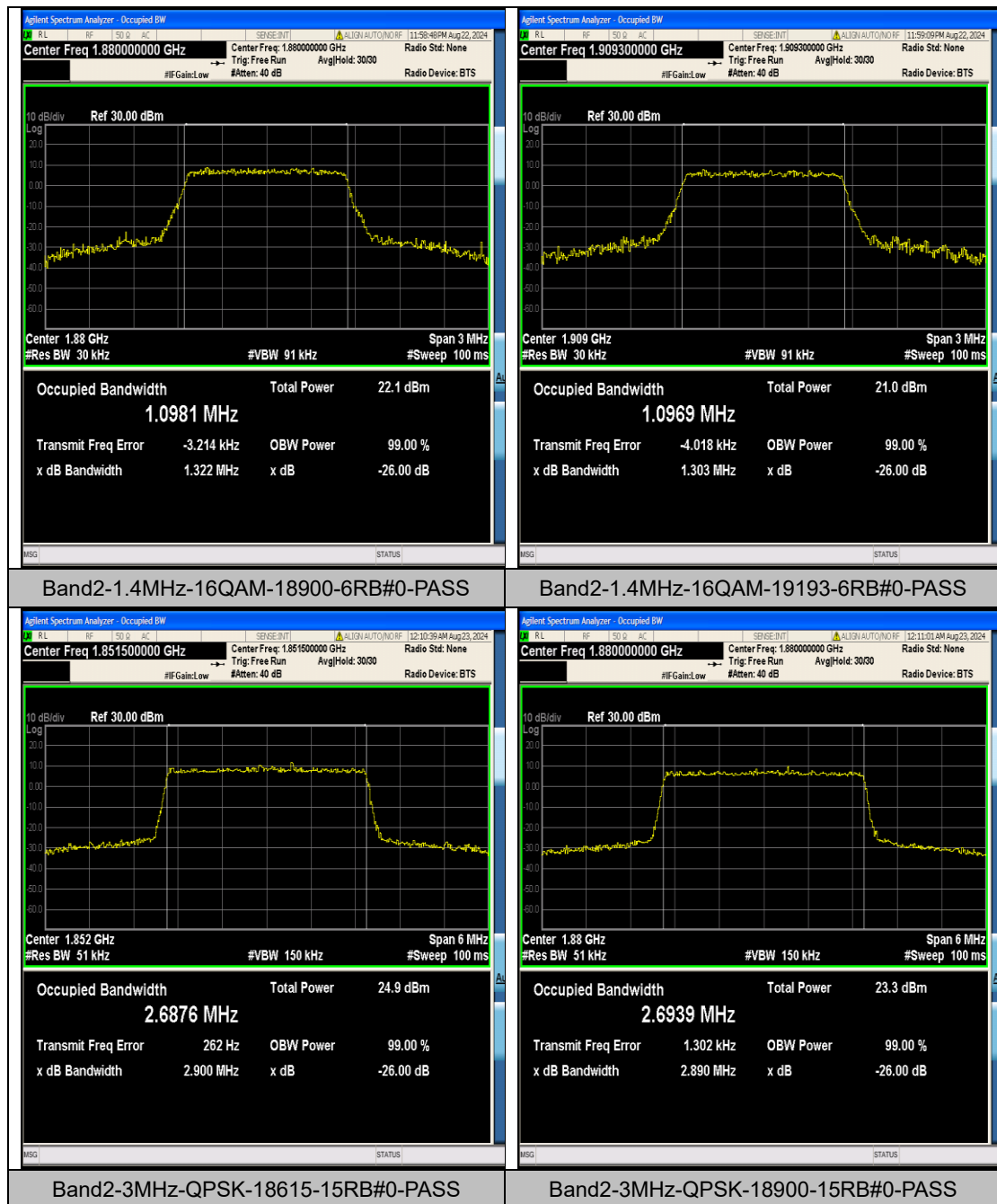
Test Result

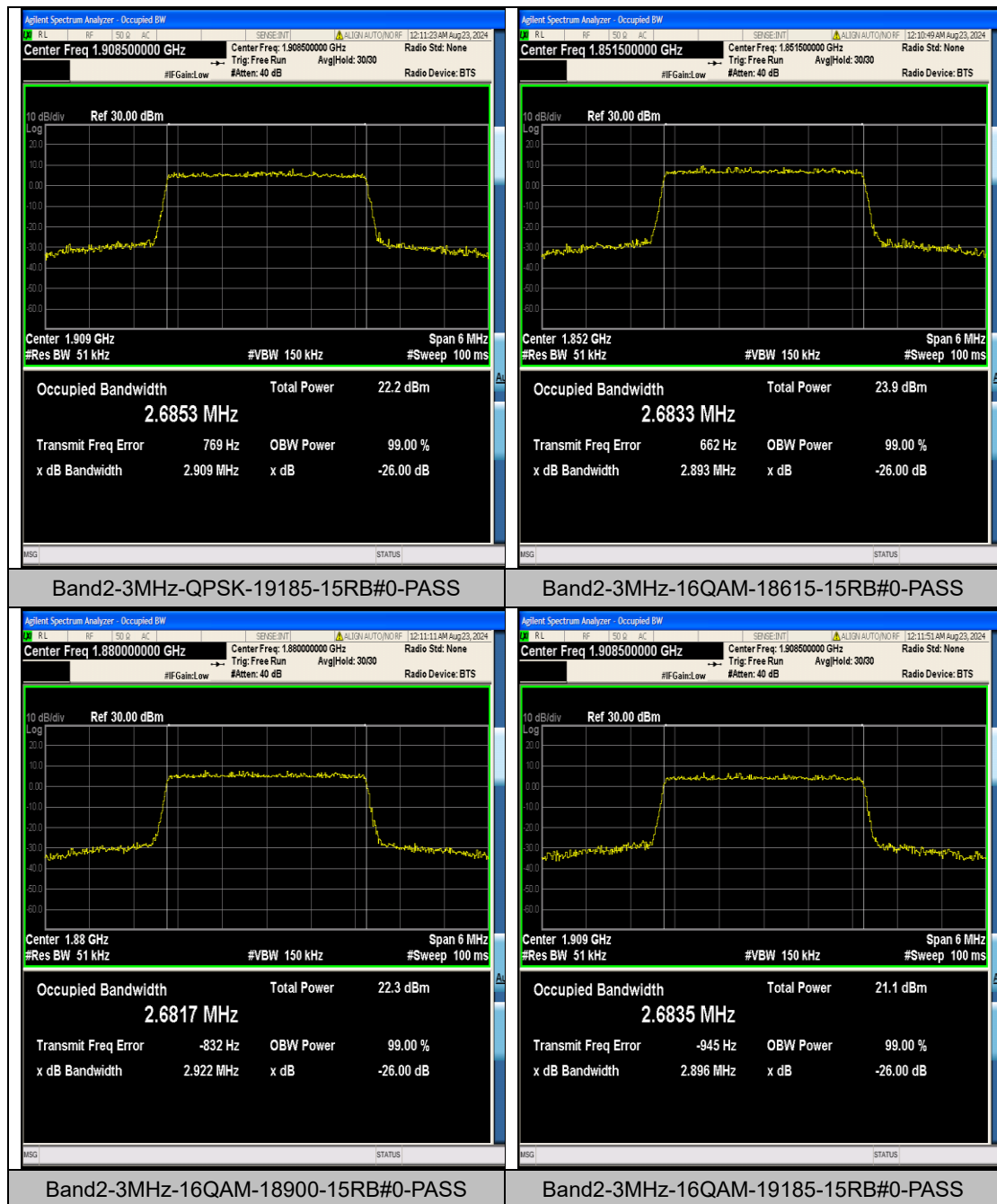
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0920	1.298	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0927	1.313	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0922	1.311	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0976	1.303	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.0981	1.322	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0969	1.303	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.6876	2.900	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.6939	2.890	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.6853	2.909	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.6833	2.893	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6817	2.922	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6835	2.896	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5243	5.460	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5229	5.205	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5234	5.432	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5249	5.263	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5185	5.154	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5238	5.439	PASS
Band2	10MHz	QPSK	18650	50RB#0	9.0199	11.88	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0192	10.11	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0093	10.72	PASS
Band2	10MHz	16QAM	18650	50RB#0	9.0090	11.32	PASS
Band2	10MHz	16QAM	18900	50RB#0	9.0084	10.06	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0052	10.88	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.529	15.52	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.527	15.06	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.532	15.05	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.506	15.03	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.516	15.05	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.506	15.04	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.936	19.67	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.936	19.69	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.006	19.86	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.931	19.71	PASS

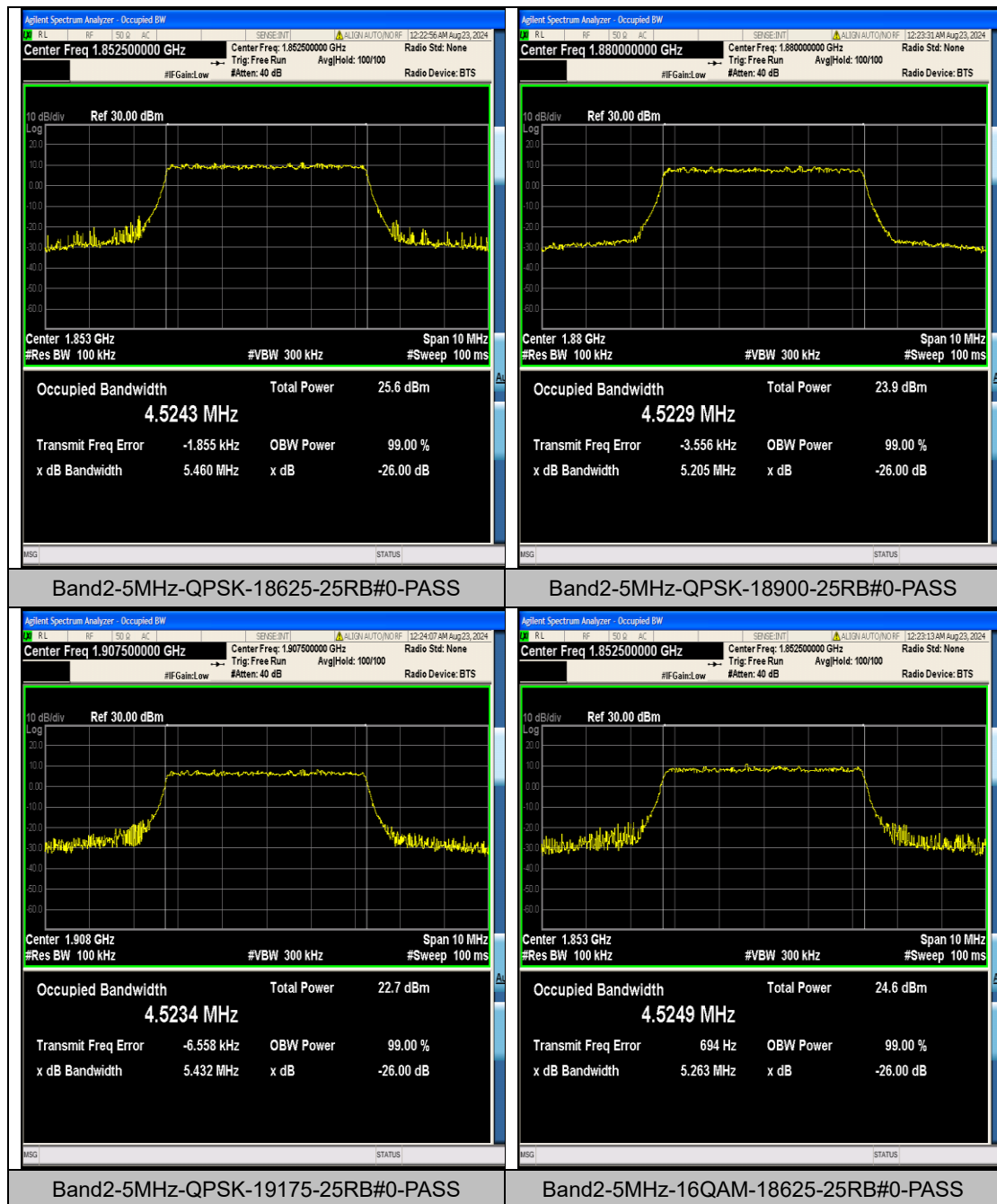
Band2	20MHz	16QAM	18900	100RB#0	17.999	19.84	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.018	19.90	PASS

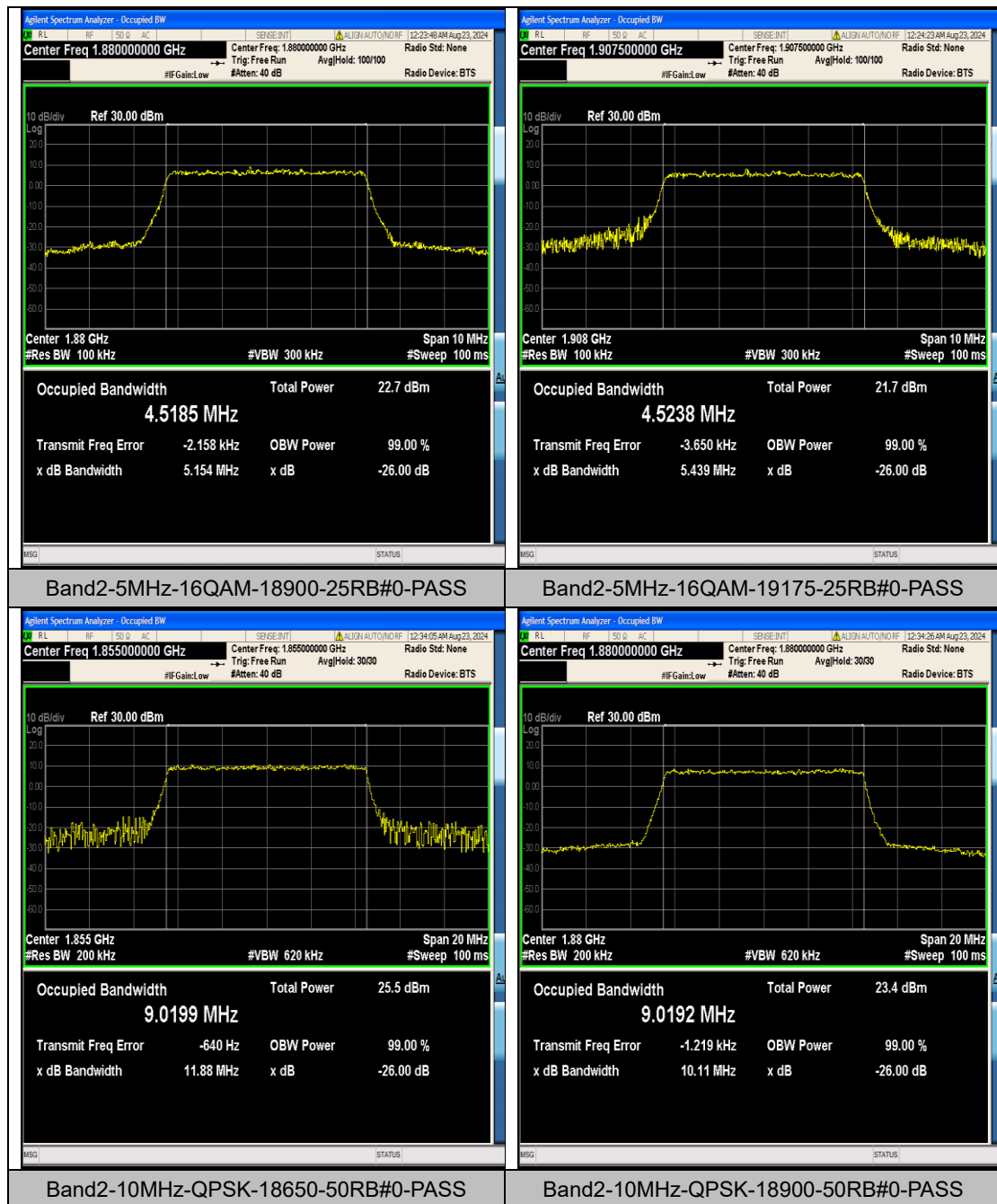
Test Graphs

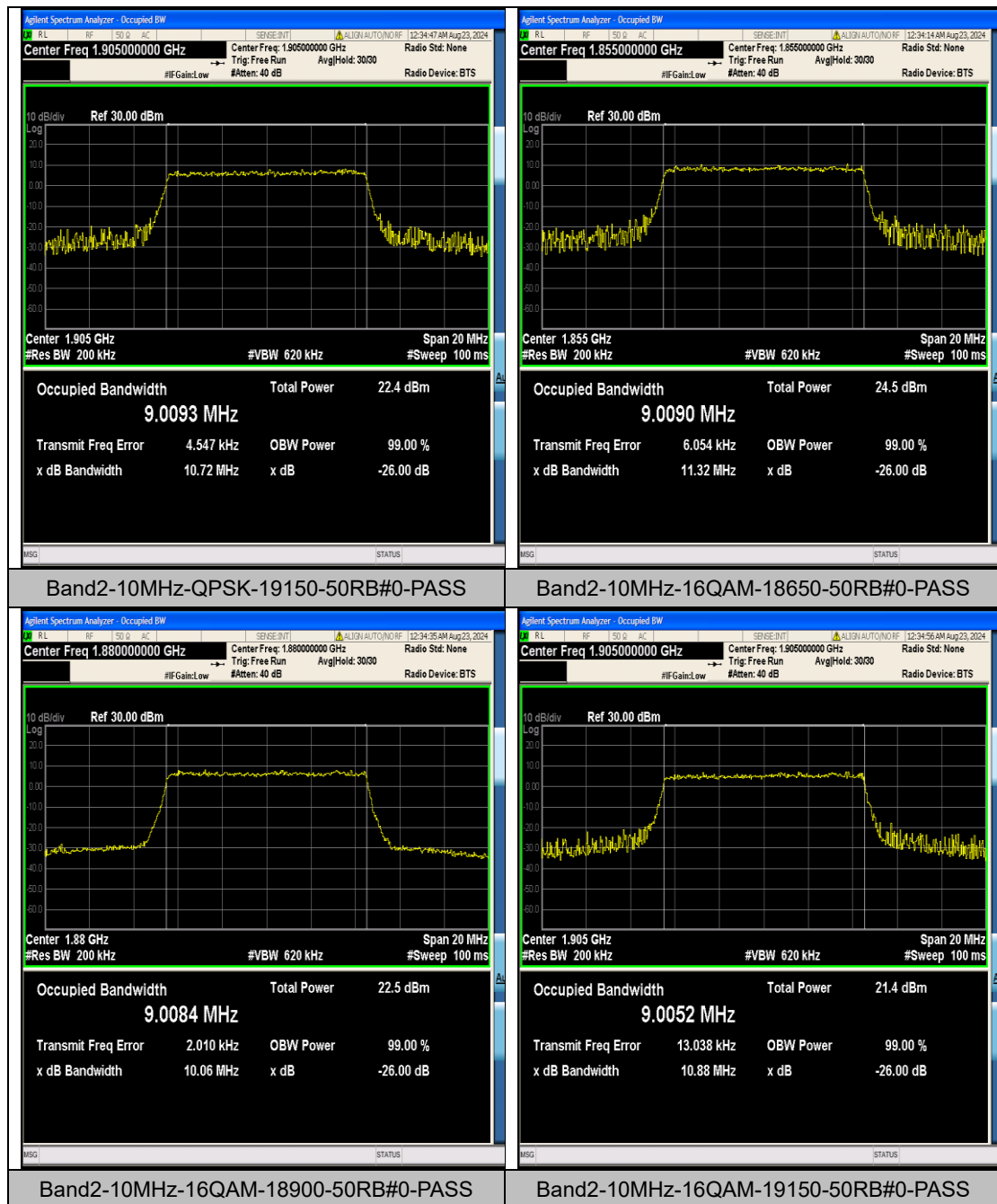


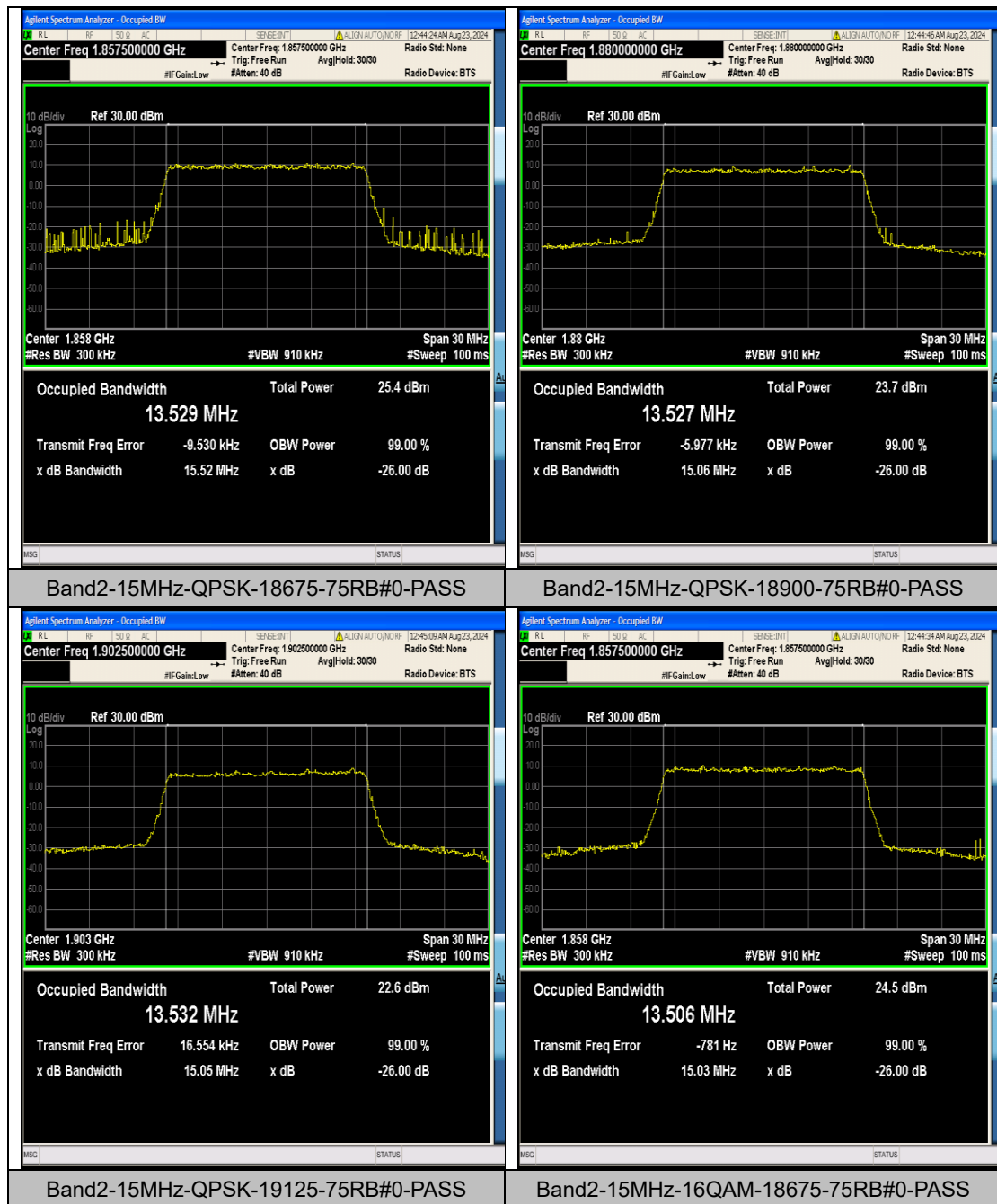


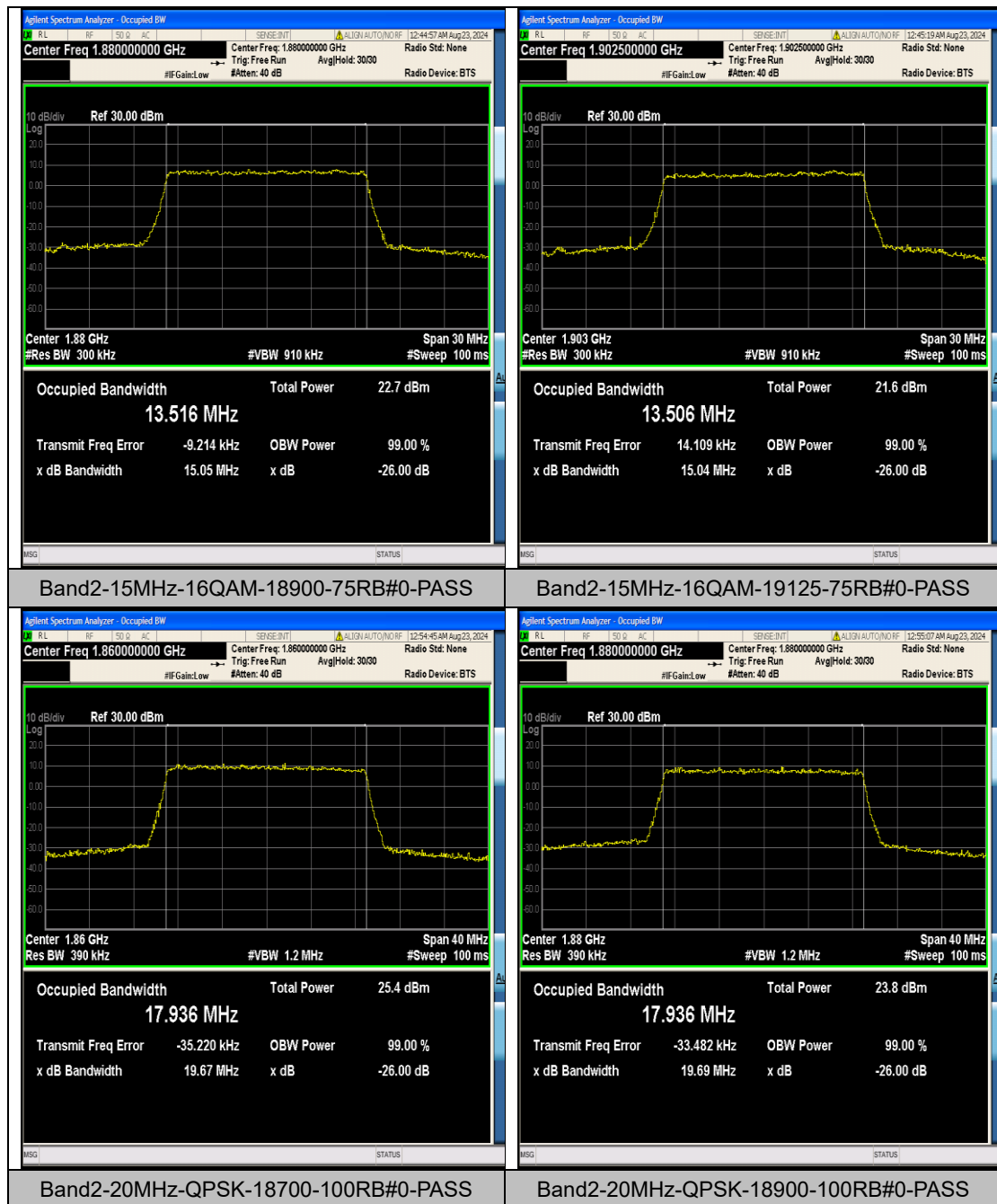


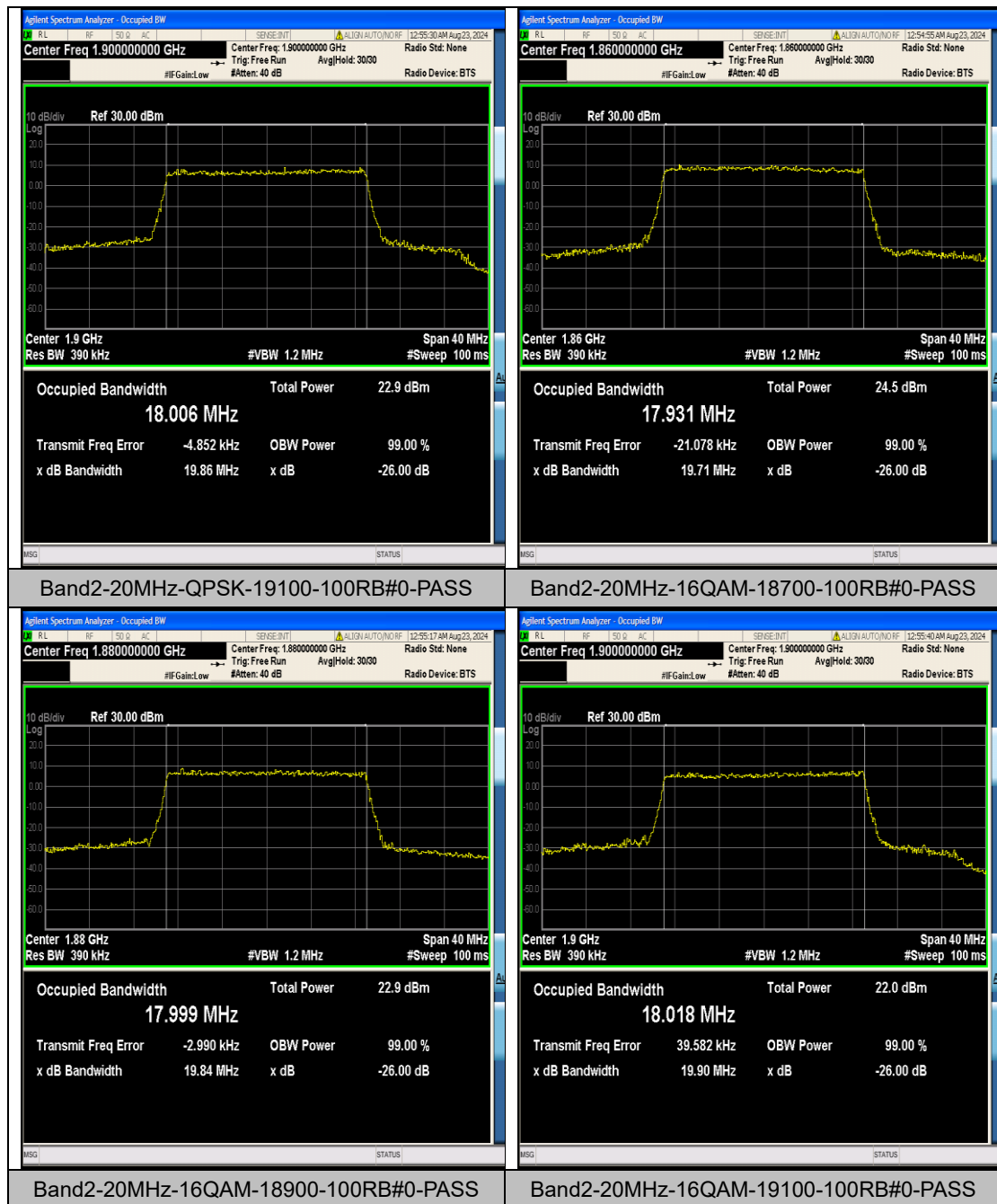












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-32.09	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-35.76	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-34.93	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-36.50	PASS
Band2	3MHz	QPSK	18615	15RB#0	-29.52	PASS
Band2	3MHz	QPSK	19185	15RB#0	-33.89	PASS
Band2	3MHz	16QAM	18615	15RB#0	-32.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	-35.61	PASS
Band2	5MHz	QPSK	18625	25RB#0	-31.23	PASS
Band2	5MHz	QPSK	19175	25RB#0	-34.04	PASS
Band2	5MHz	16QAM	18625	25RB#0	-33.73	PASS
Band2	5MHz	16QAM	19175	25RB#0	-35.70	PASS
Band2	10MHz	QPSK	18650	50RB#0	-33.37	PASS
Band2	10MHz	QPSK	19150	50RB#0	-34.82	PASS
Band2	10MHz	16QAM	18650	50RB#0	-36.21	PASS
Band2	10MHz	16QAM	19150	50RB#0	-37.08	PASS
Band2	15MHz	QPSK	18675	75RB#0	-34.49	PASS
Band2	15MHz	QPSK	19125	75RB#0	-35.08	PASS
Band2	15MHz	16QAM	18675	75RB#0	-36.28	PASS
Band2	15MHz	16QAM	19125	75RB#0	-37.42	PASS
Band2	20MHz	QPSK	18700	100RB#0	-37.92	PASS
Band2	20MHz	QPSK	19100	100RB#0	-36.12	PASS
Band2	20MHz	16QAM	18700	100RB#0	-40.56	PASS
Band2	20MHz	16QAM	19100	100RB#0	-37.92	PASS

Test Graphs

