

FCC LTE Band Test Data

FCC ID : 2BL85-LEM

Company: : SHENZHEN WAYFOR WARD ELECTRONIC CO.,LTD

EUT : smart watch

Model Number : LEM10

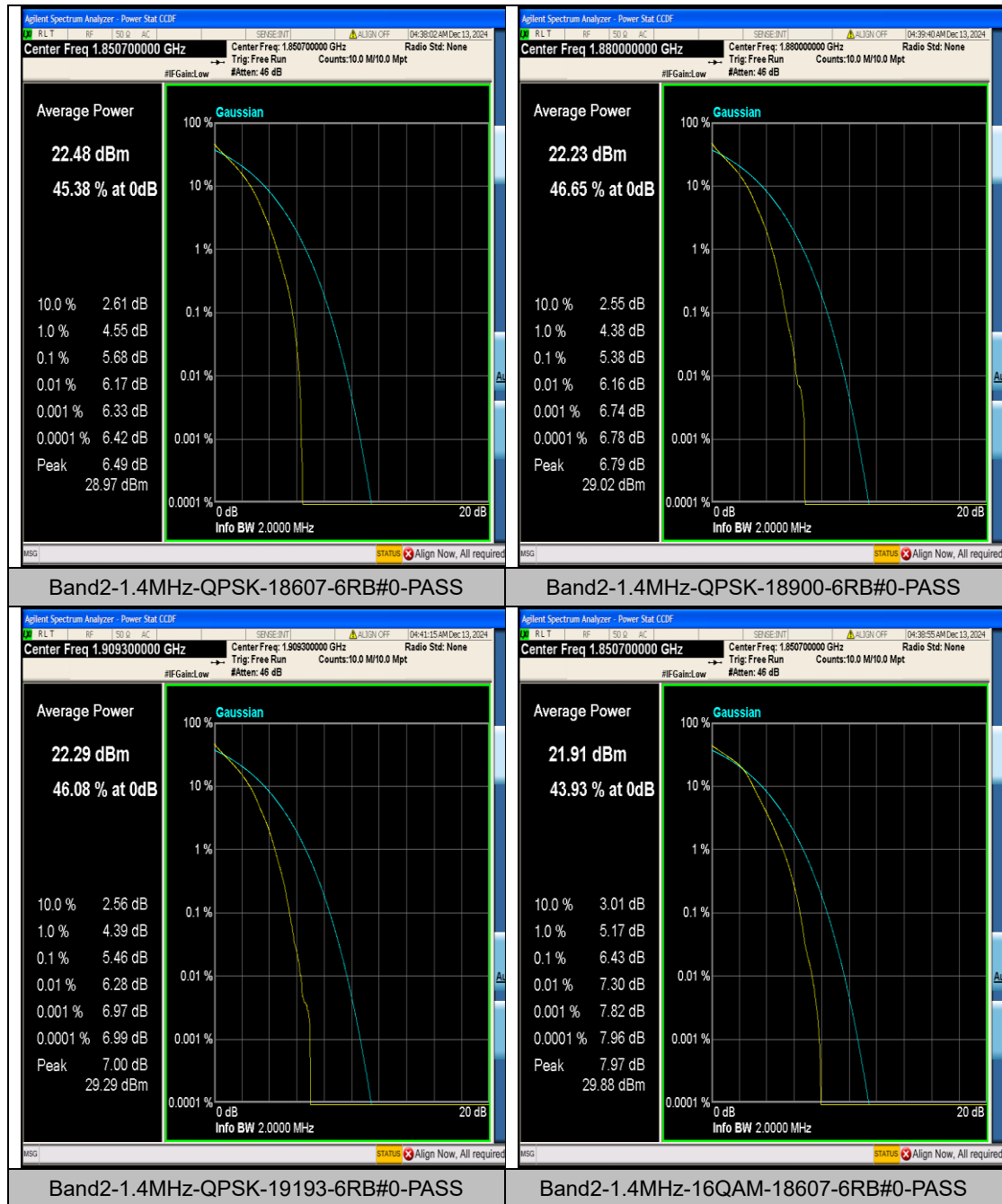
Reviewed By : Eric Wang

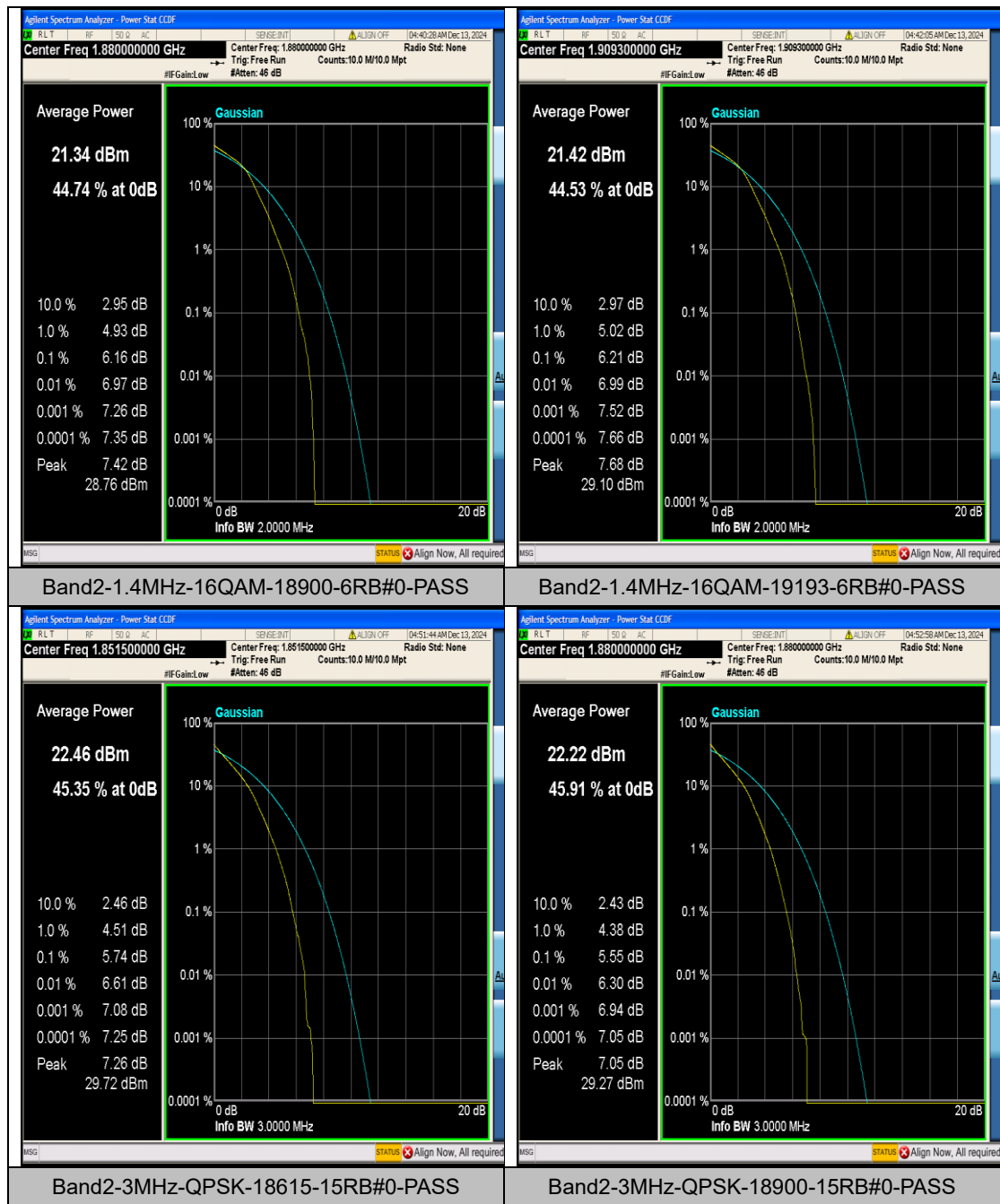
Appendix B: Peak-to-Average Ratio(CCDF)

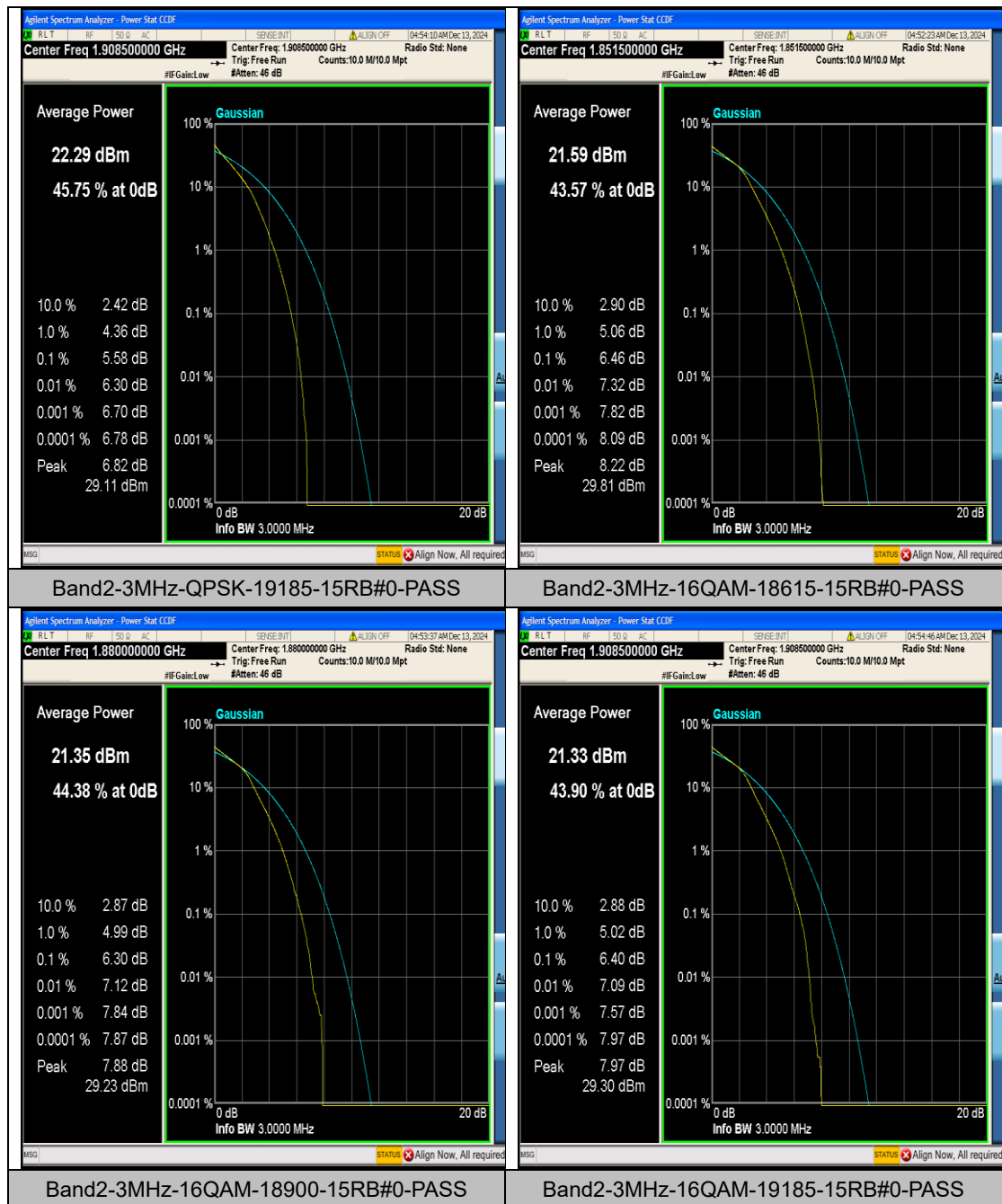
Test Result

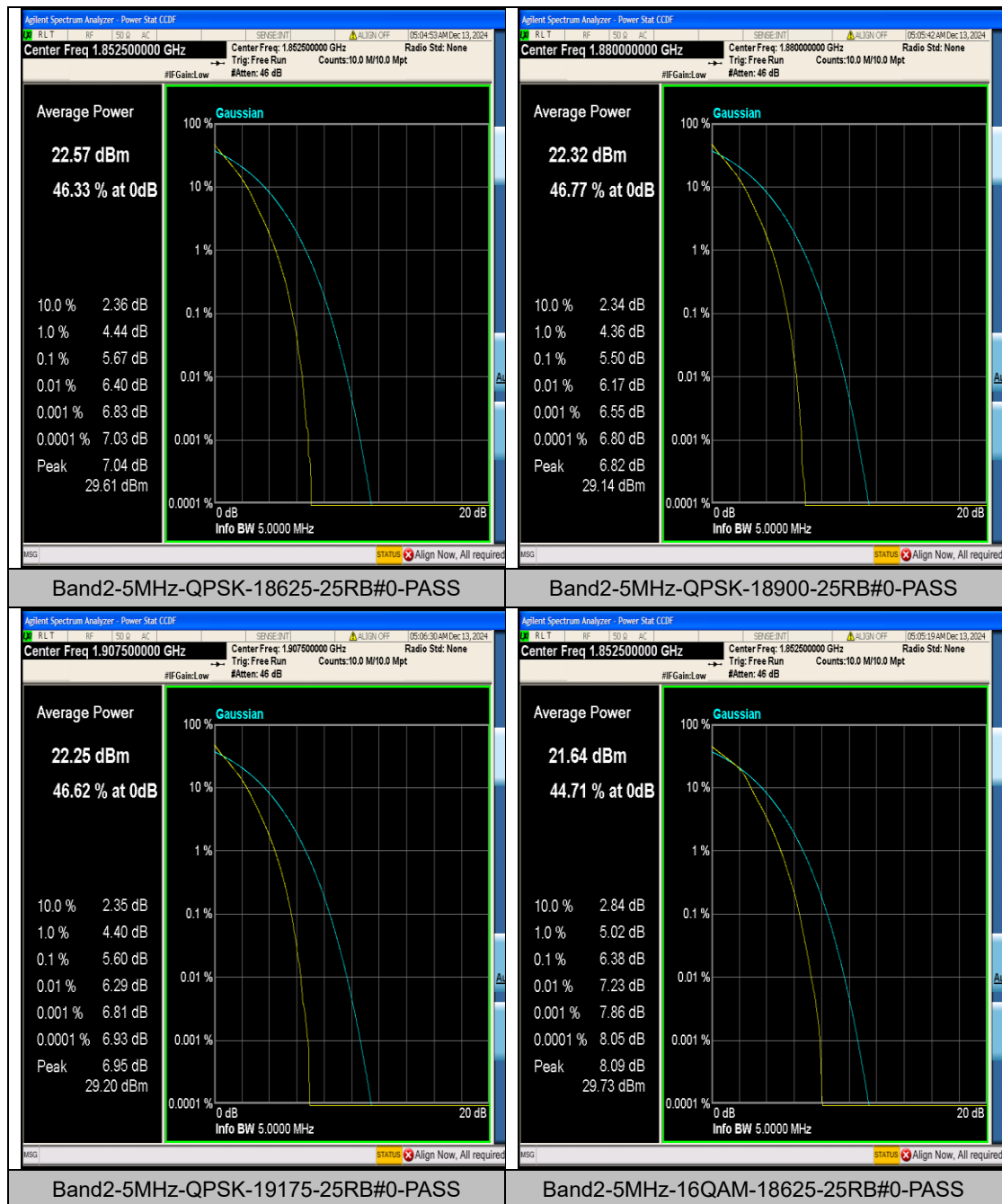
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.68	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.38	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	5.46	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.43	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.16	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	6.21	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.74	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.55	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.58	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.46	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.30	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	6.40	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.67	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.50	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.60	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.38	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.19	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	6.26	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.72	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.54	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.71	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.44	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.25	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	6.34	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	6.01	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.87	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	6.03	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.48	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.34	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.47	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.74	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.65	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.78	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.46	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.33	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.40	13	PASS

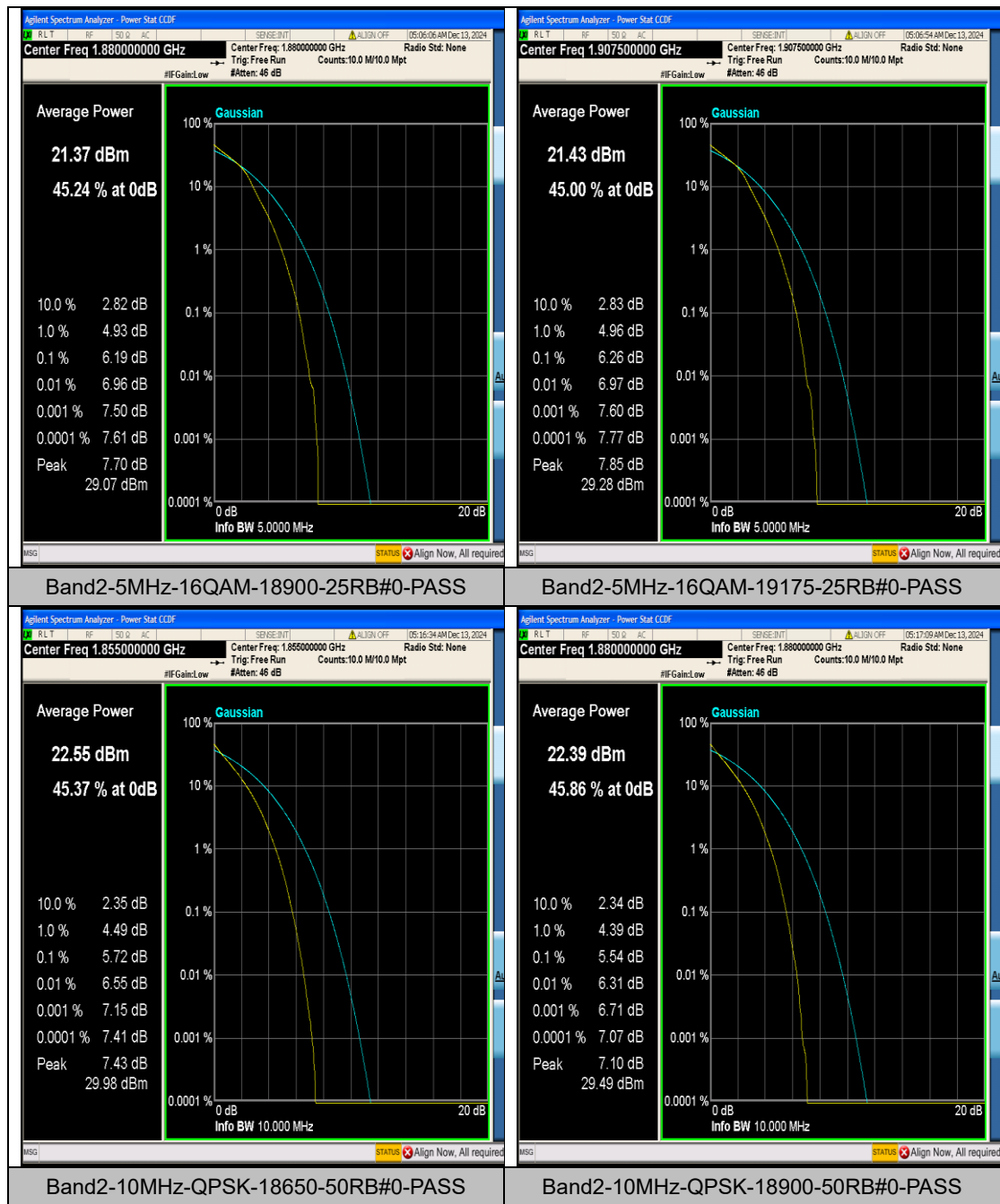
Test Graphs

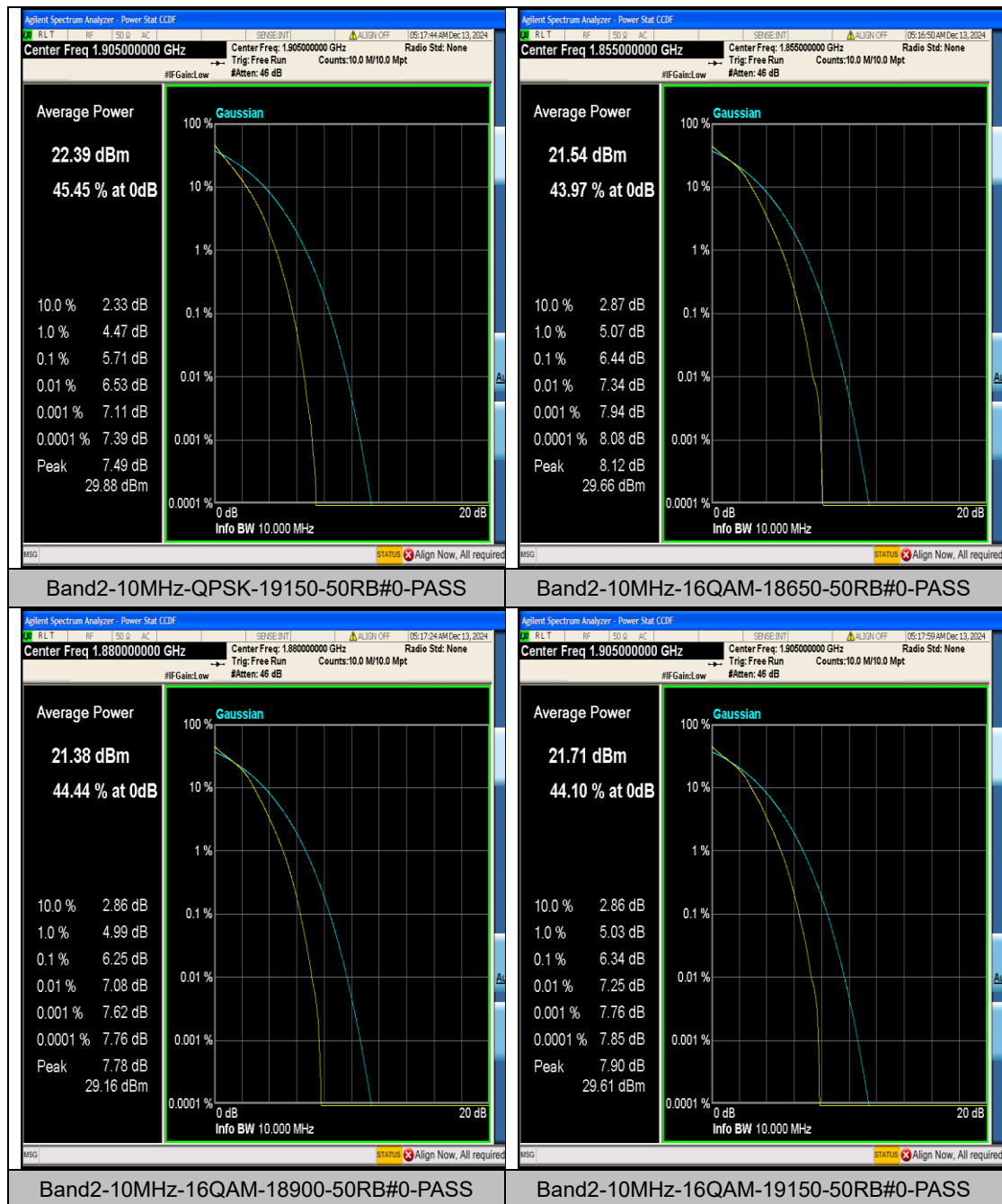


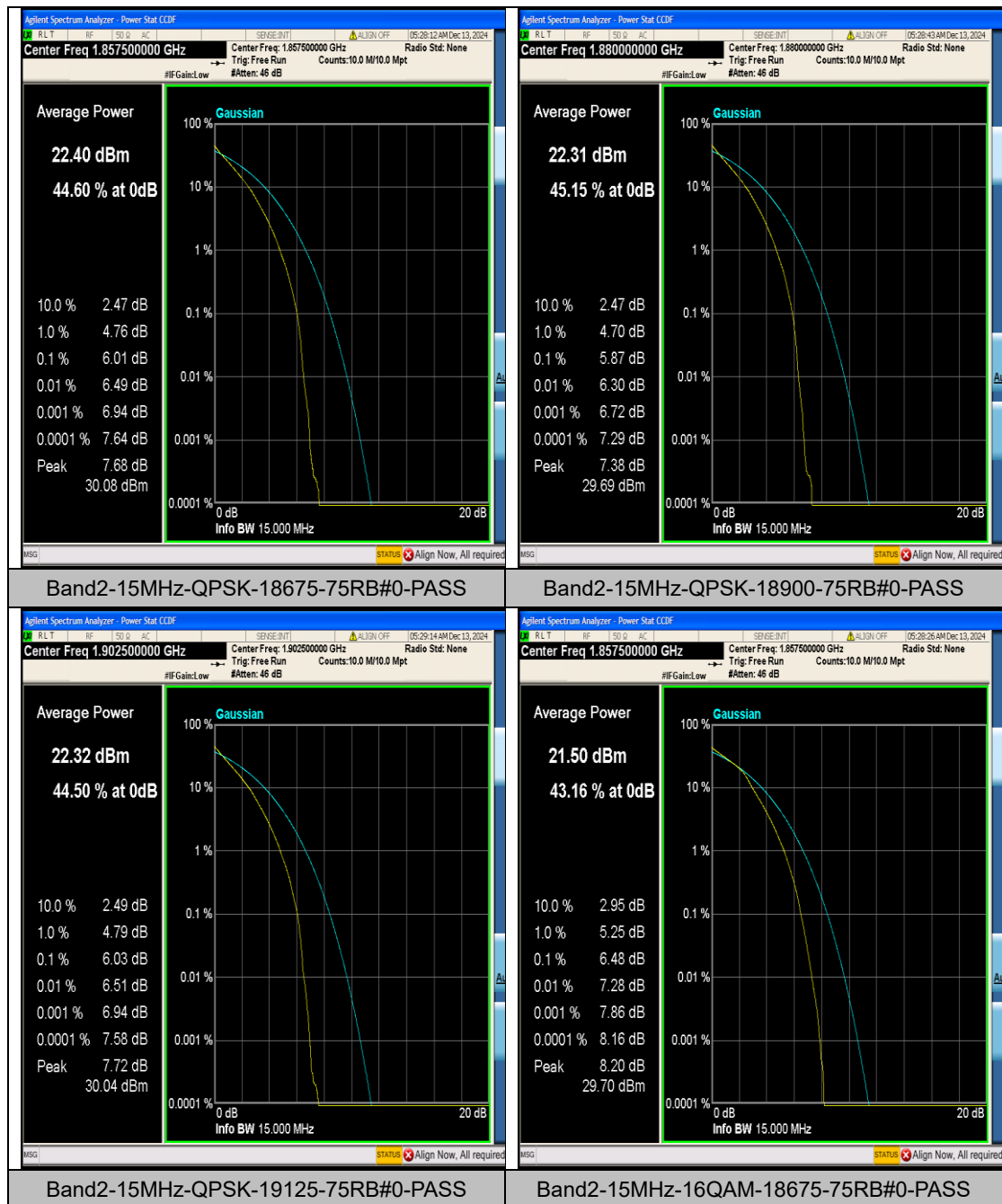


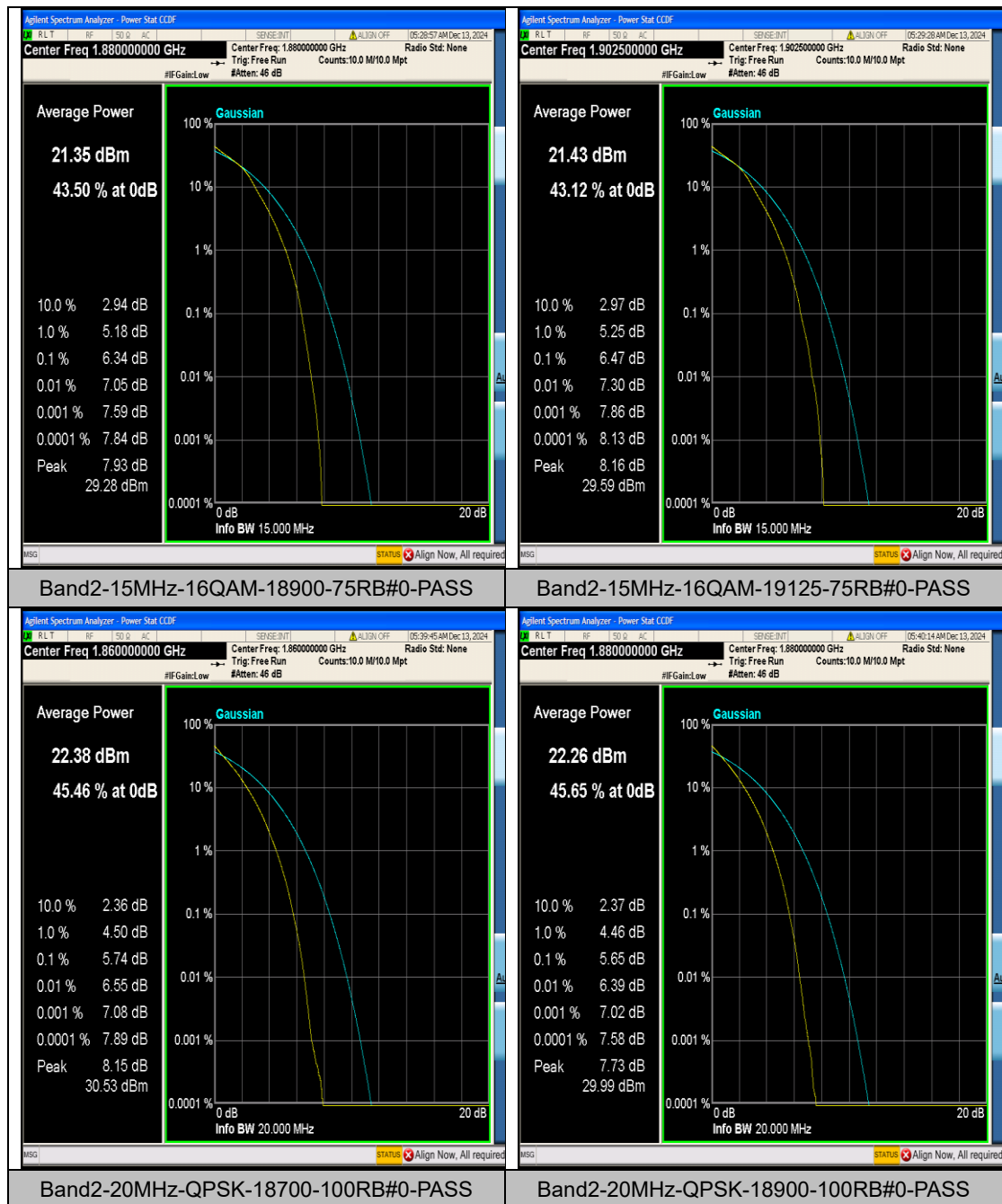


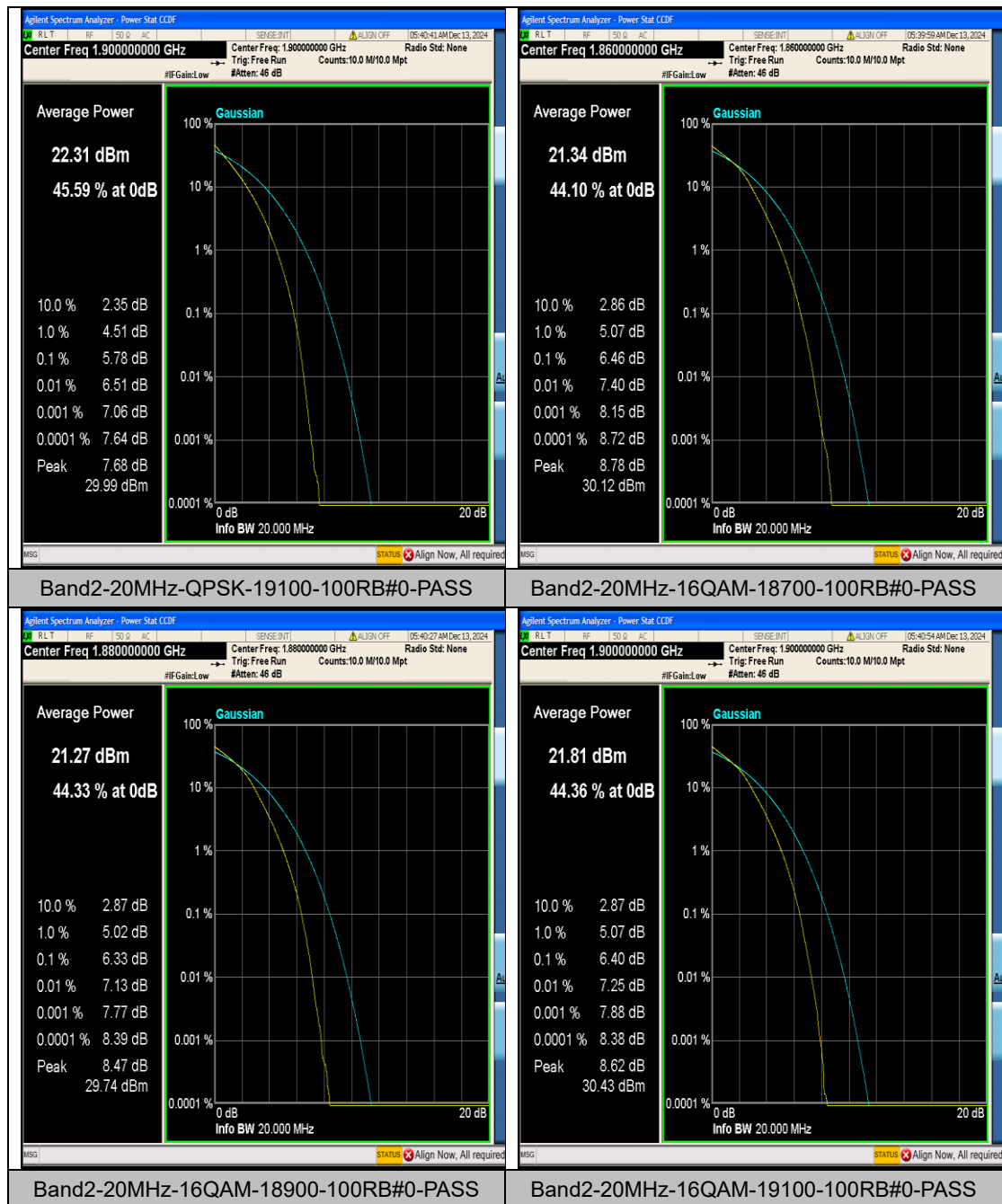












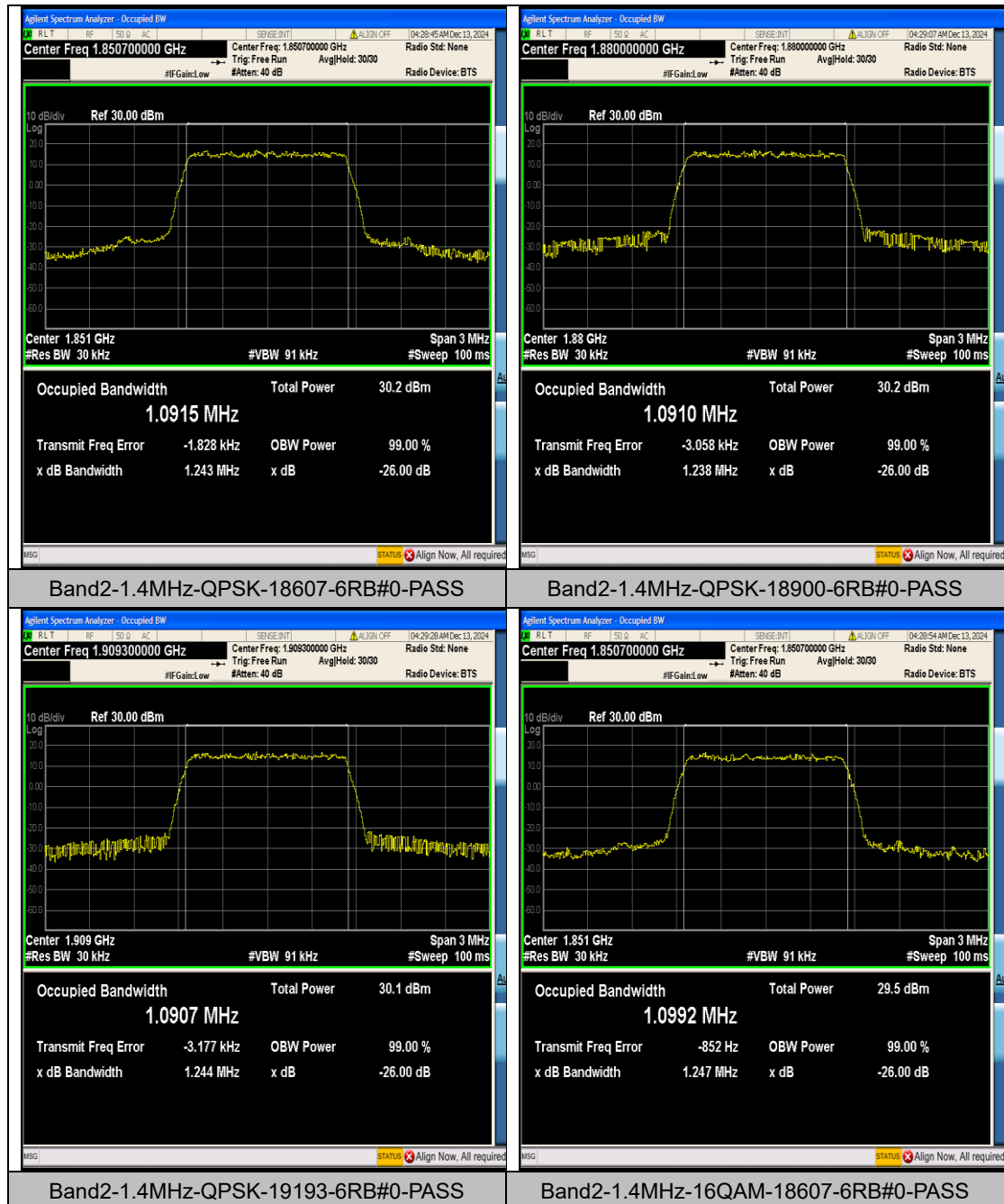
Appendix C: 26dB Bandwidth and Occupied Bandwidth

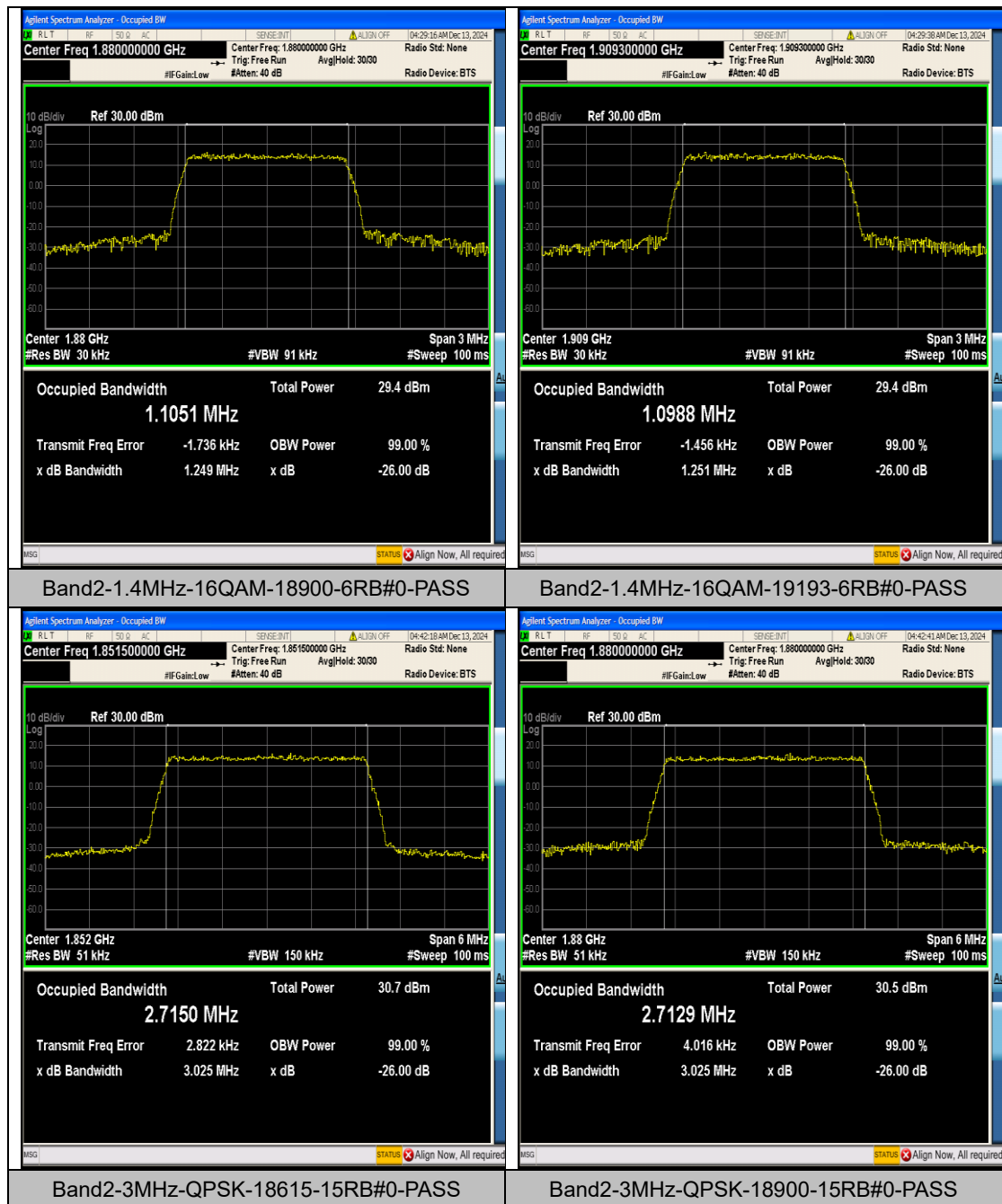
Test Result

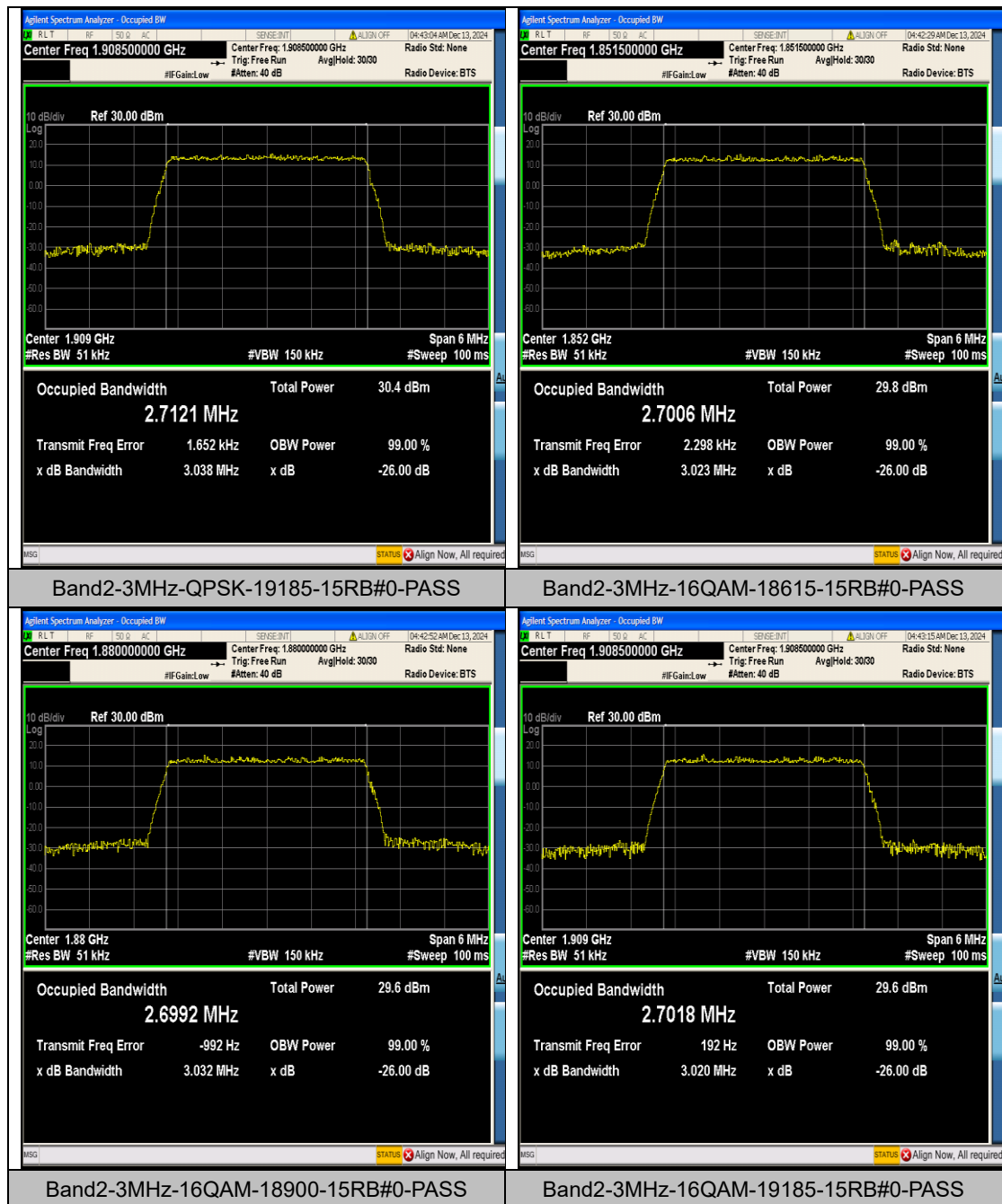
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0915	1.243	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0910	1.238	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0907	1.244	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0992	1.247	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1051	1.249	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0988	1.251	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7150	3.025	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7129	3.025	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7121	3.038	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7006	3.023	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6992	3.032	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7018	3.020	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5079	4.983	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5077	4.979	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5089	4.976	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5043	4.974	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5020	4.961	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.4943	4.967	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9920	9.896	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9932	9.889	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9929	9.901	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9893	9.932	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9859	9.914	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9994	9.930	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.478	14.99	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.510	14.94	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.509	14.97	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.505	14.94	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.495	14.96	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.497	14.90	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.997	19.83	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.050	19.71	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.025	19.86	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.002	19.66	PASS

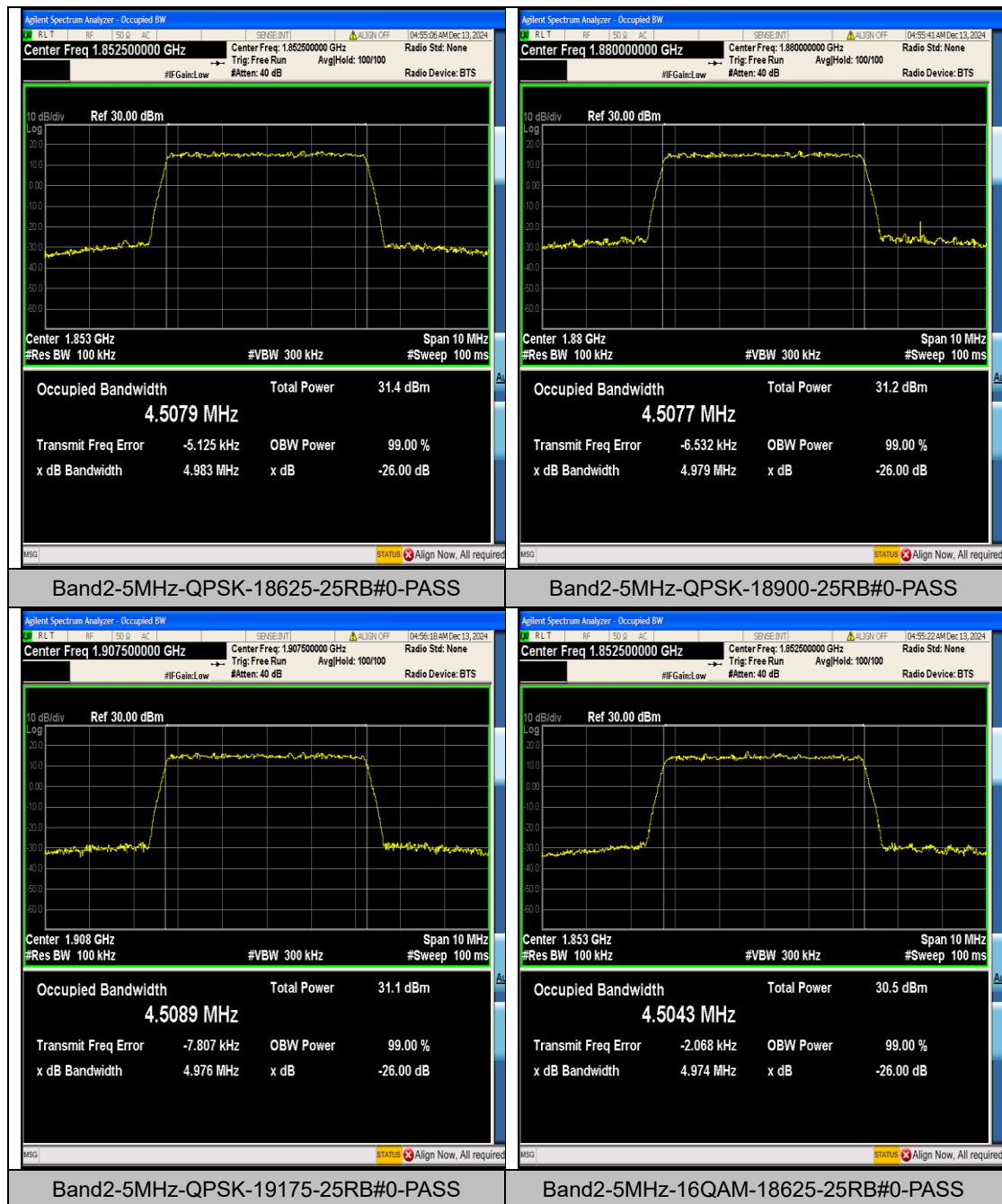
Band2	20MHz	16QAM	18900	100RB#0	18.015	19.74	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.010	19.79	PASS

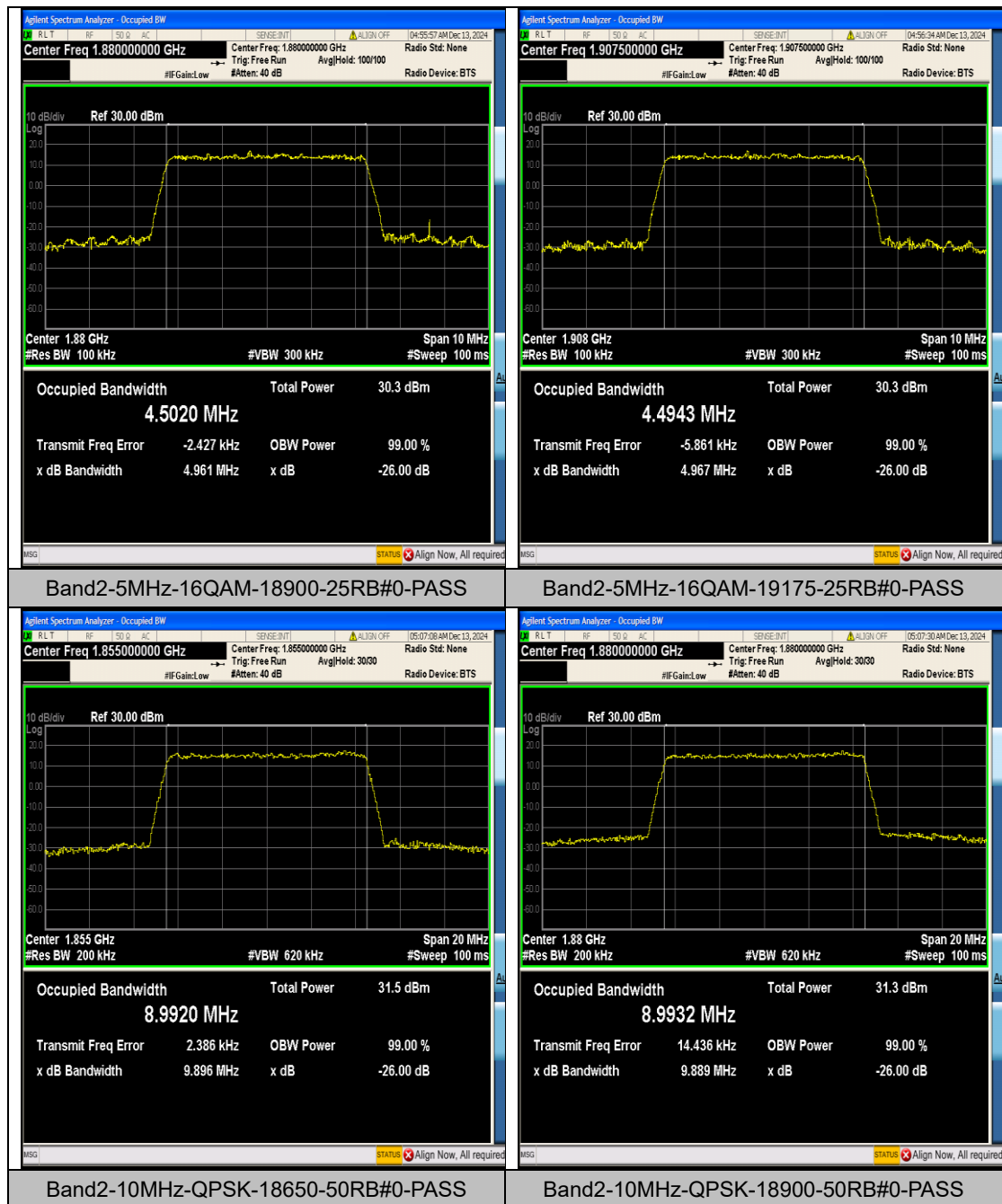
Test Graphs

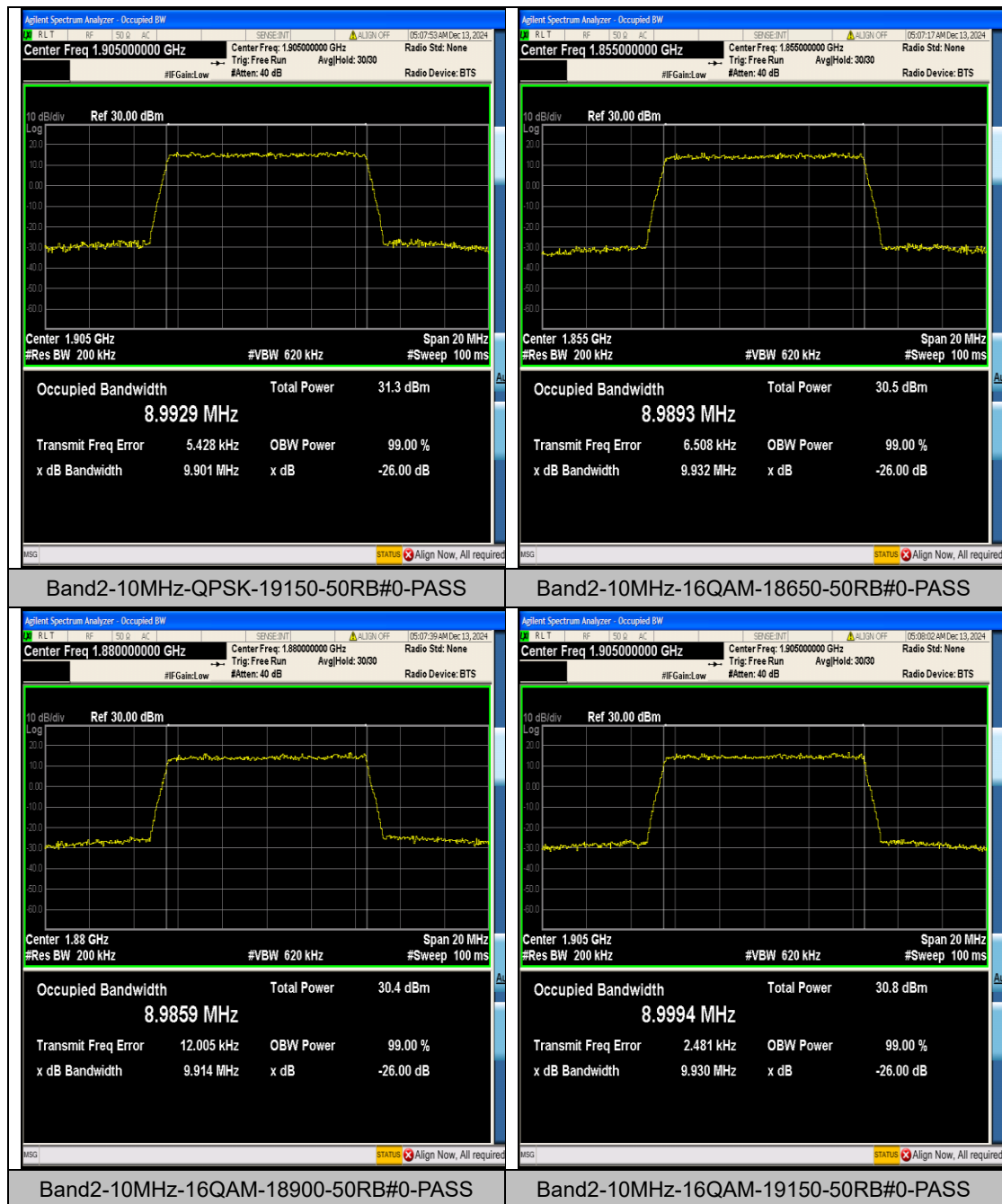


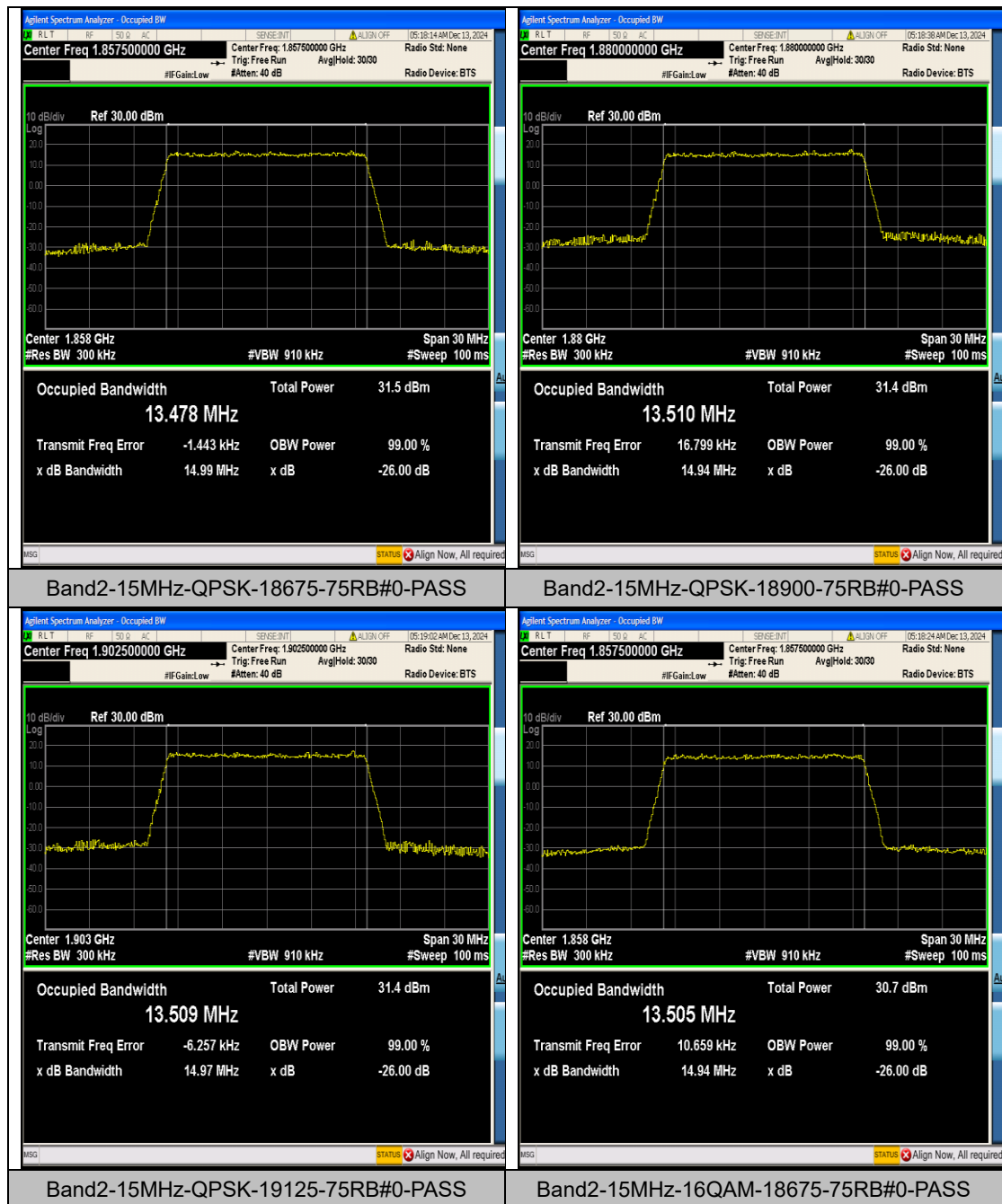


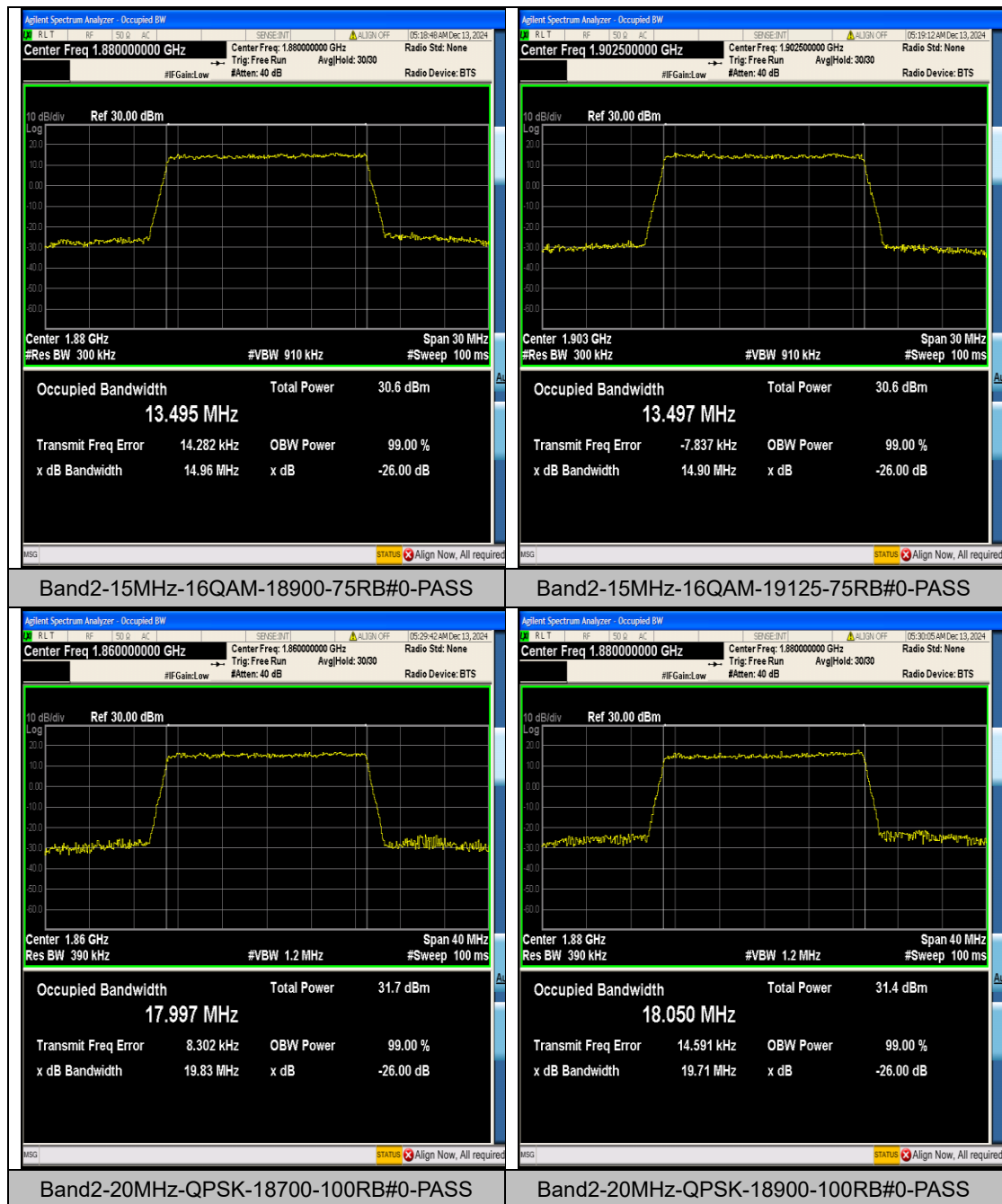


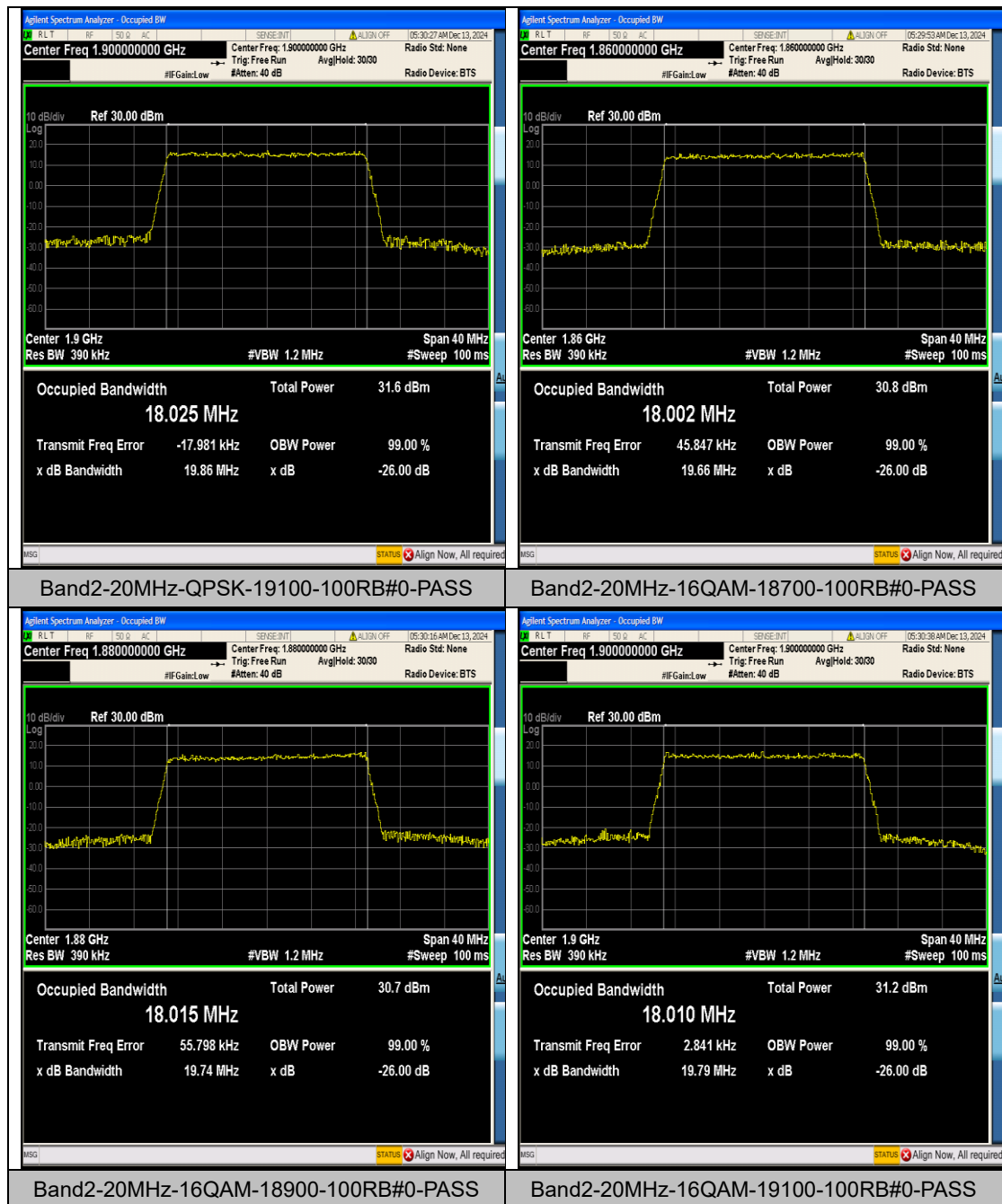












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-32.82	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-34.02	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-32.20	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-33.54	PASS
Band2	3MHz	QPSK	18615	15RB#0	-30.36	PASS
Band2	3MHz	QPSK	19185	15RB#0	-31.37	PASS
Band2	3MHz	16QAM	18615	15RB#0	-31.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	-31.18	PASS
Band2	5MHz	QPSK	18625	25RB#0	-31.67	PASS
Band2	5MHz	QPSK	19175	25RB#0	-35.40	PASS
Band2	5MHz	16QAM	18625	25RB#0	-32.27	PASS
Band2	5MHz	16QAM	19175	25RB#0	-34.92	PASS
Band2	10MHz	QPSK	18650	50RB#0	-34.05	PASS
Band2	10MHz	QPSK	19150	50RB#0	-37.02	PASS
Band2	10MHz	16QAM	18650	50RB#0	-35.33	PASS
Band2	10MHz	16QAM	19150	50RB#0	-36.90	PASS
Band2	15MHz	QPSK	18675	75RB#0	-34.72	PASS
Band2	15MHz	QPSK	19125	75RB#0	-38.13	PASS
Band2	15MHz	16QAM	18675	75RB#0	-35.58	PASS
Band2	15MHz	16QAM	19125	75RB#0	-37.58	PASS
Band2	20MHz	QPSK	18700	100RB#0	-36.10	PASS
Band2	20MHz	QPSK	19100	100RB#0	-40.16	PASS
Band2	20MHz	16QAM	18700	100RB#0	-37.92	PASS
Band2	20MHz	16QAM	19100	100RB#0	-39.44	PASS

Test Graphs

