

FCC LTE Band Test Data

FCC ID : 2BF4O-CC4PRO

Company: : Shenzhen TEYES High tech Co., Ltd.

EUT : Car Headunit

Model Number : CC4PRO

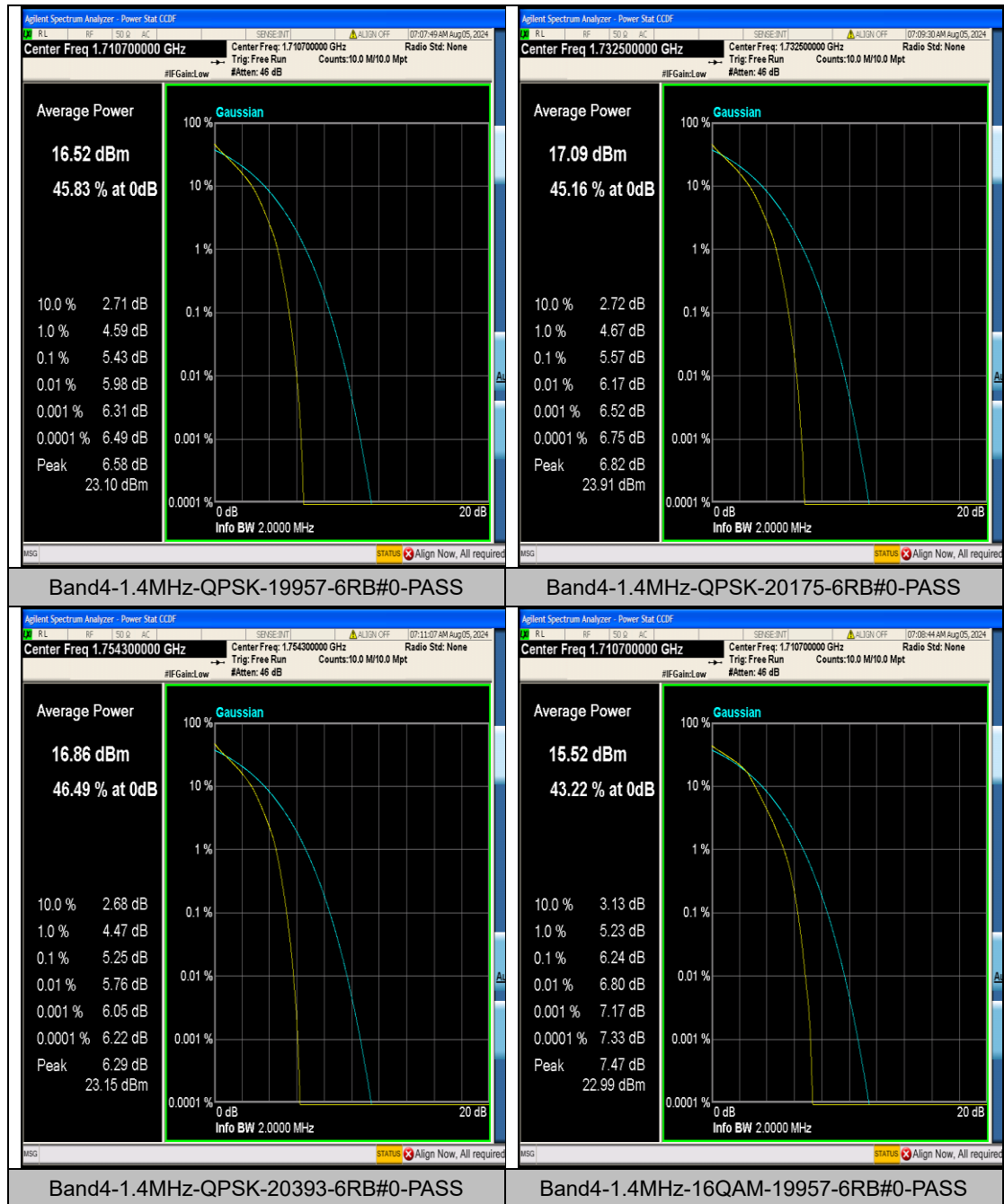
Reviewed By : Eric Wang

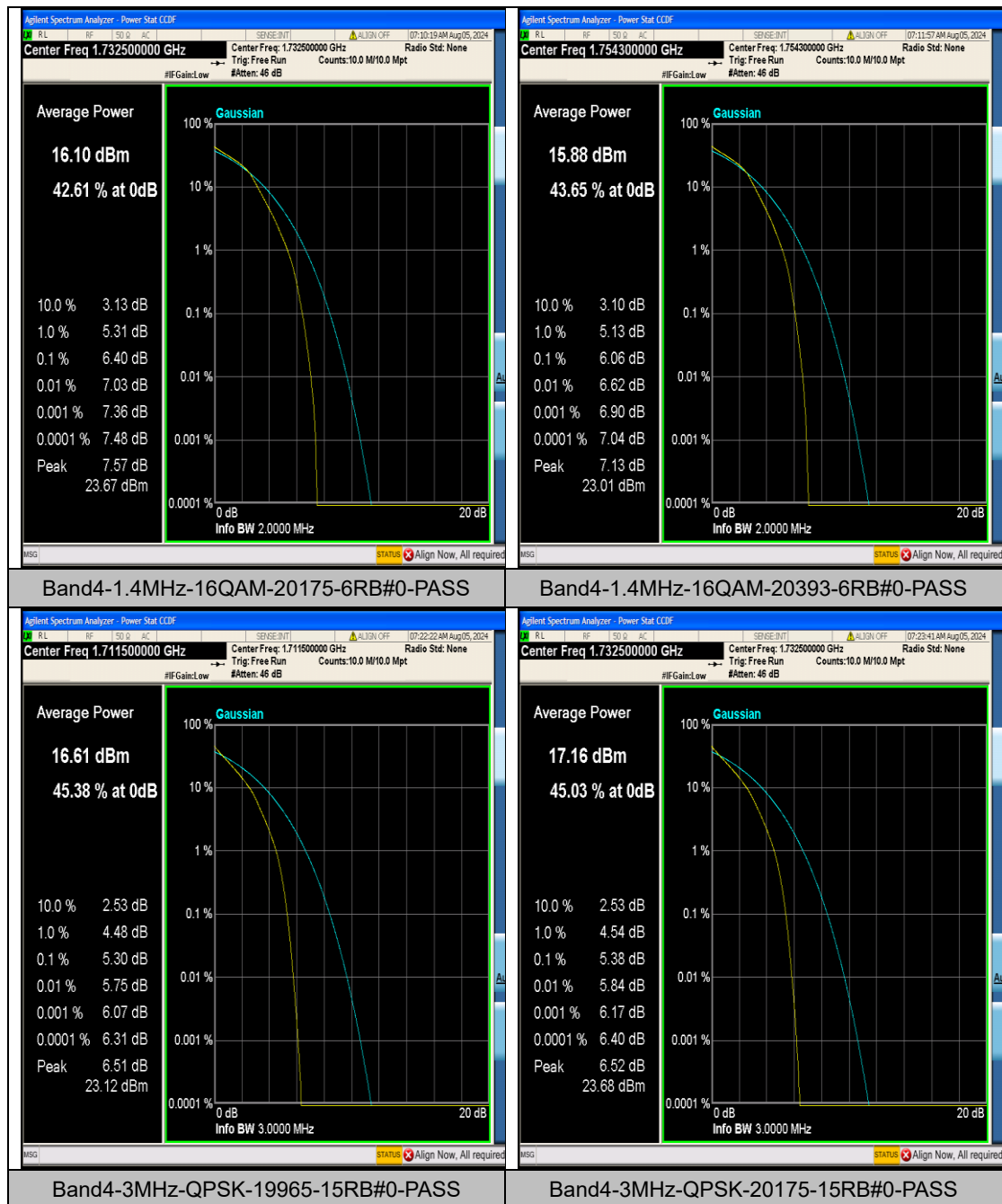
Appendix B: Peak-to-Average Ratio(CCDF)

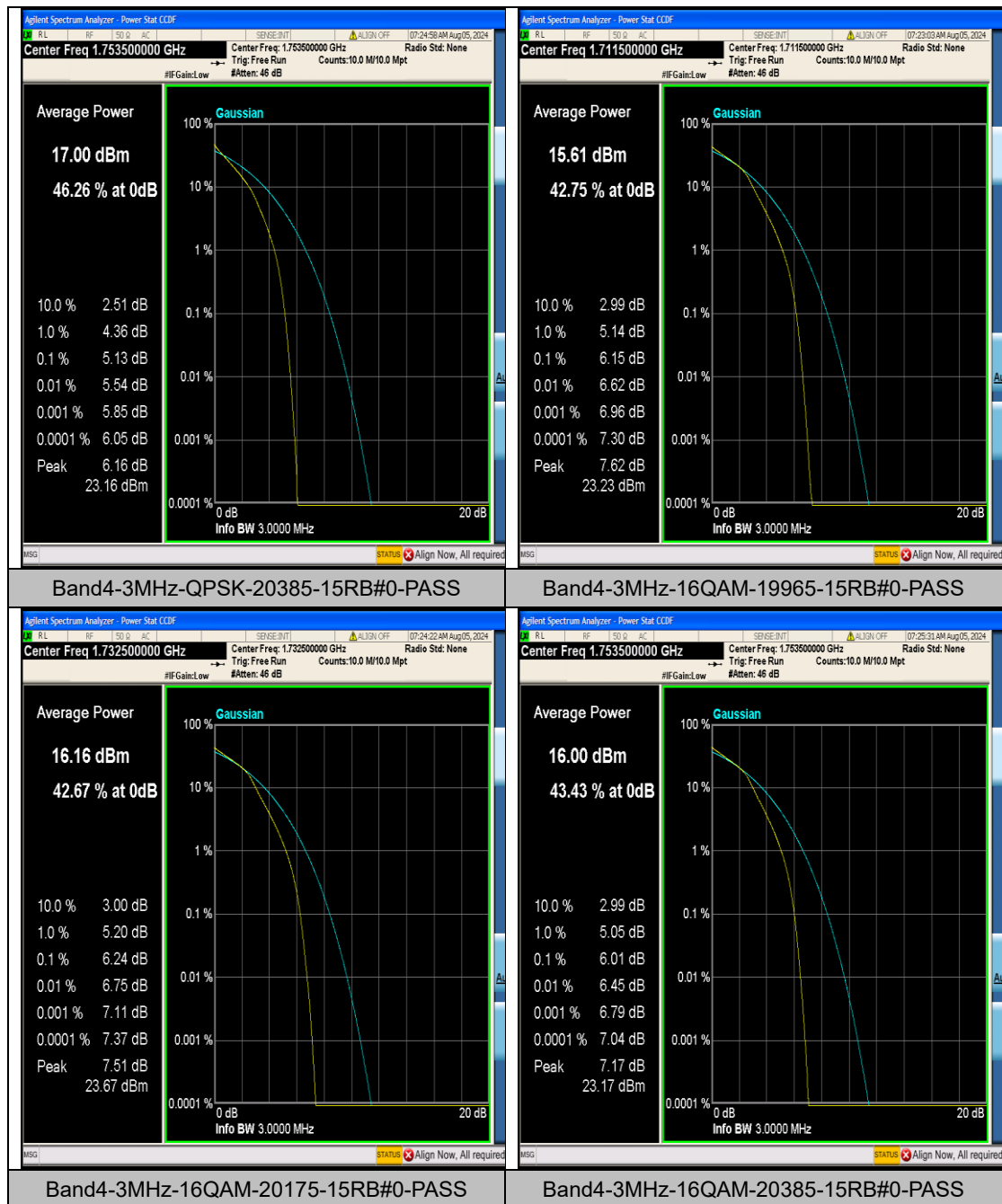
Test Result

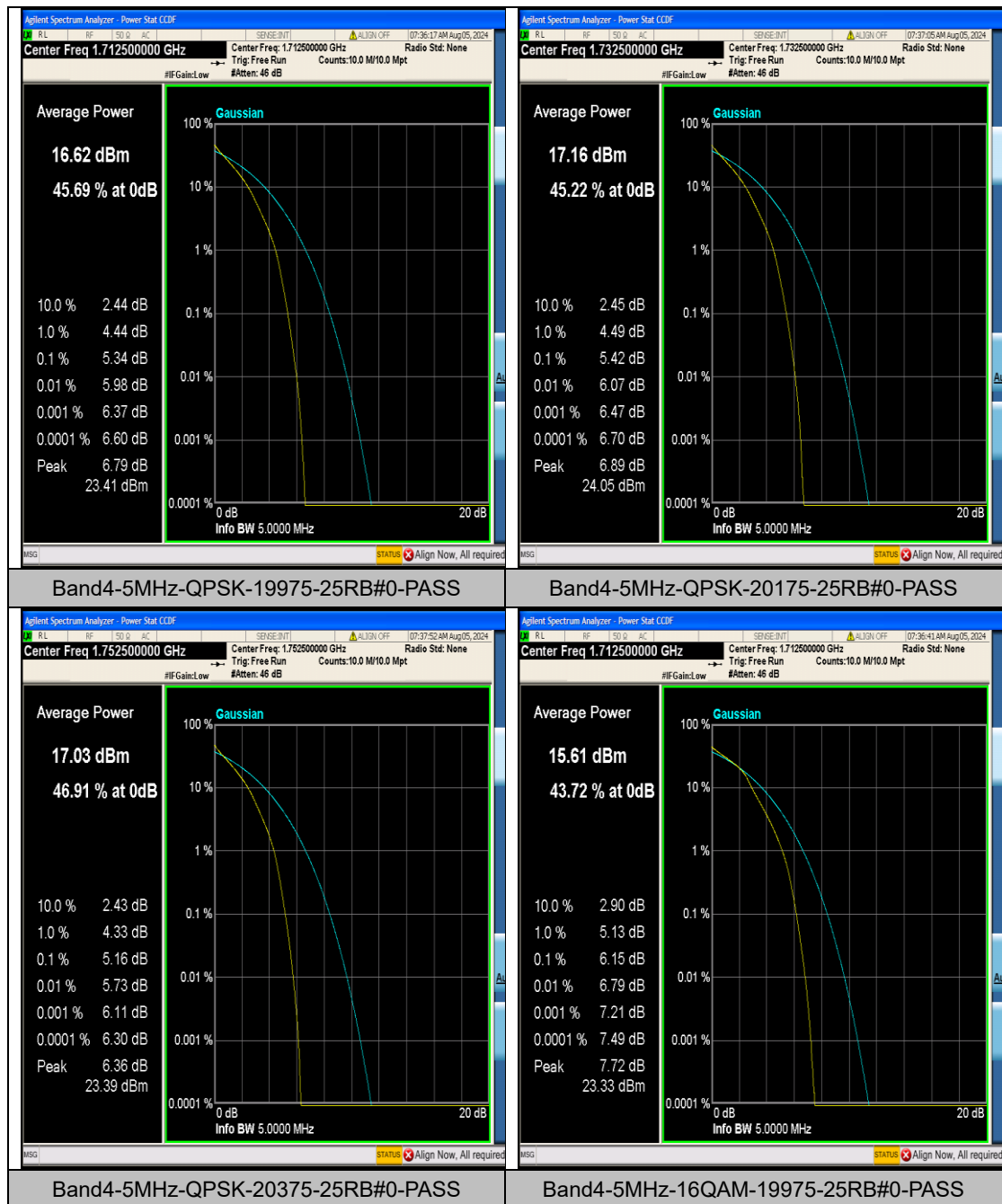
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.43	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.57	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.25	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.24	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.40	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	6.06	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.30	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.38	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.13	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.15	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.24	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.01	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.34	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.16	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.15	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.24	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.95	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.36	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.43	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.17	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.15	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.22	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.96	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.58	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.59	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.33	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.26	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.29	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.38	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.35	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.17	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.17	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.19	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.02	13	PASS

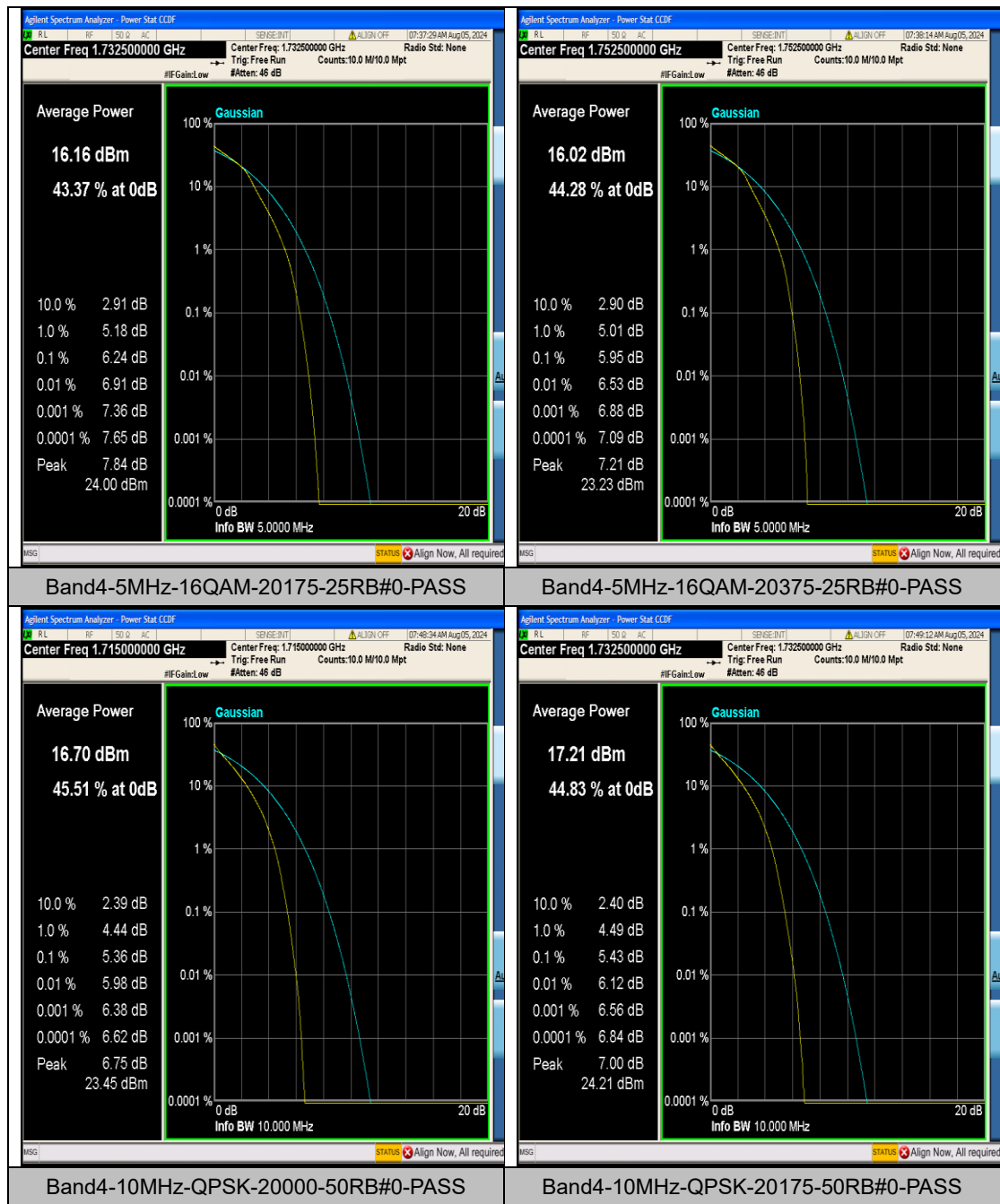
Test Graphs

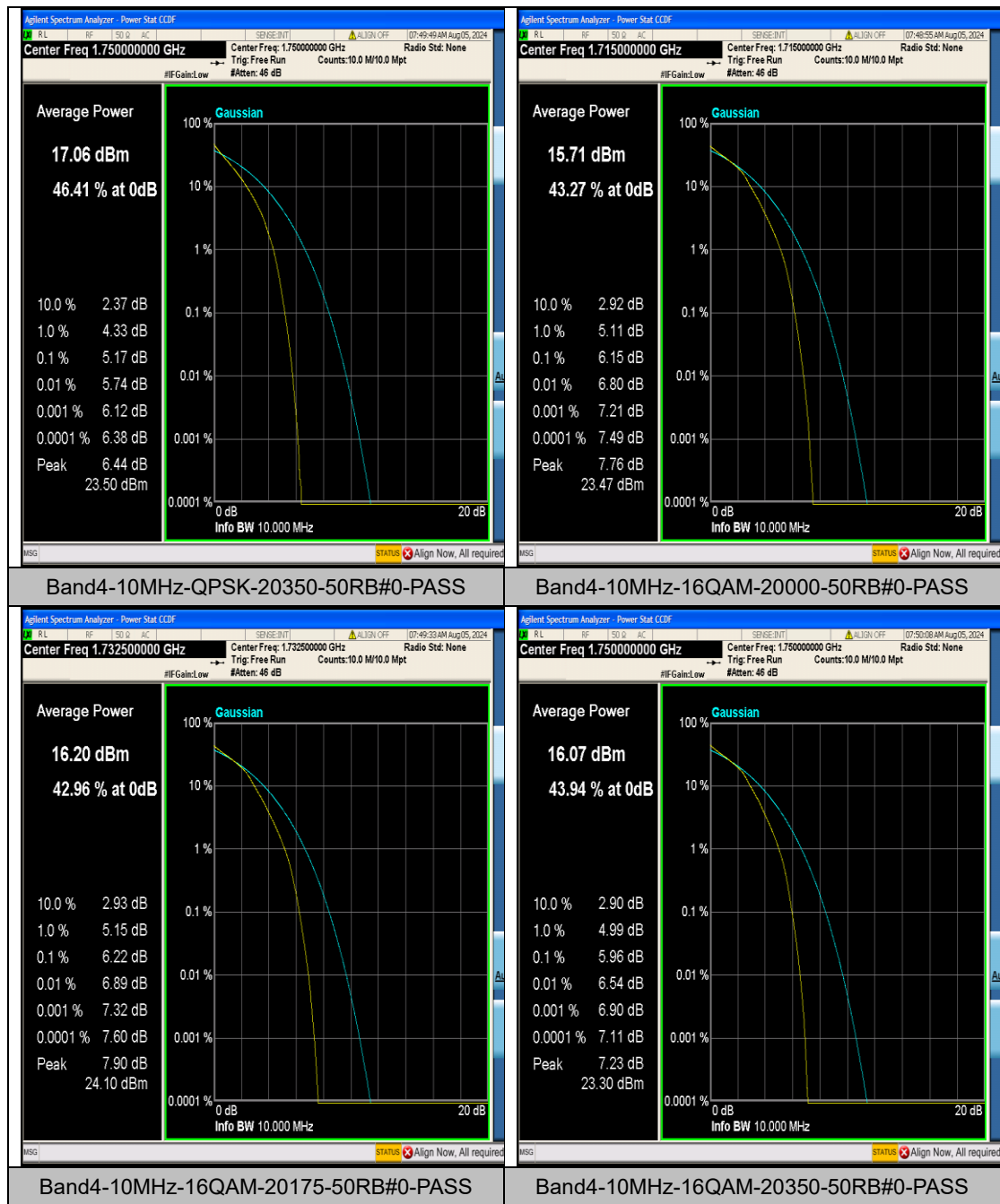


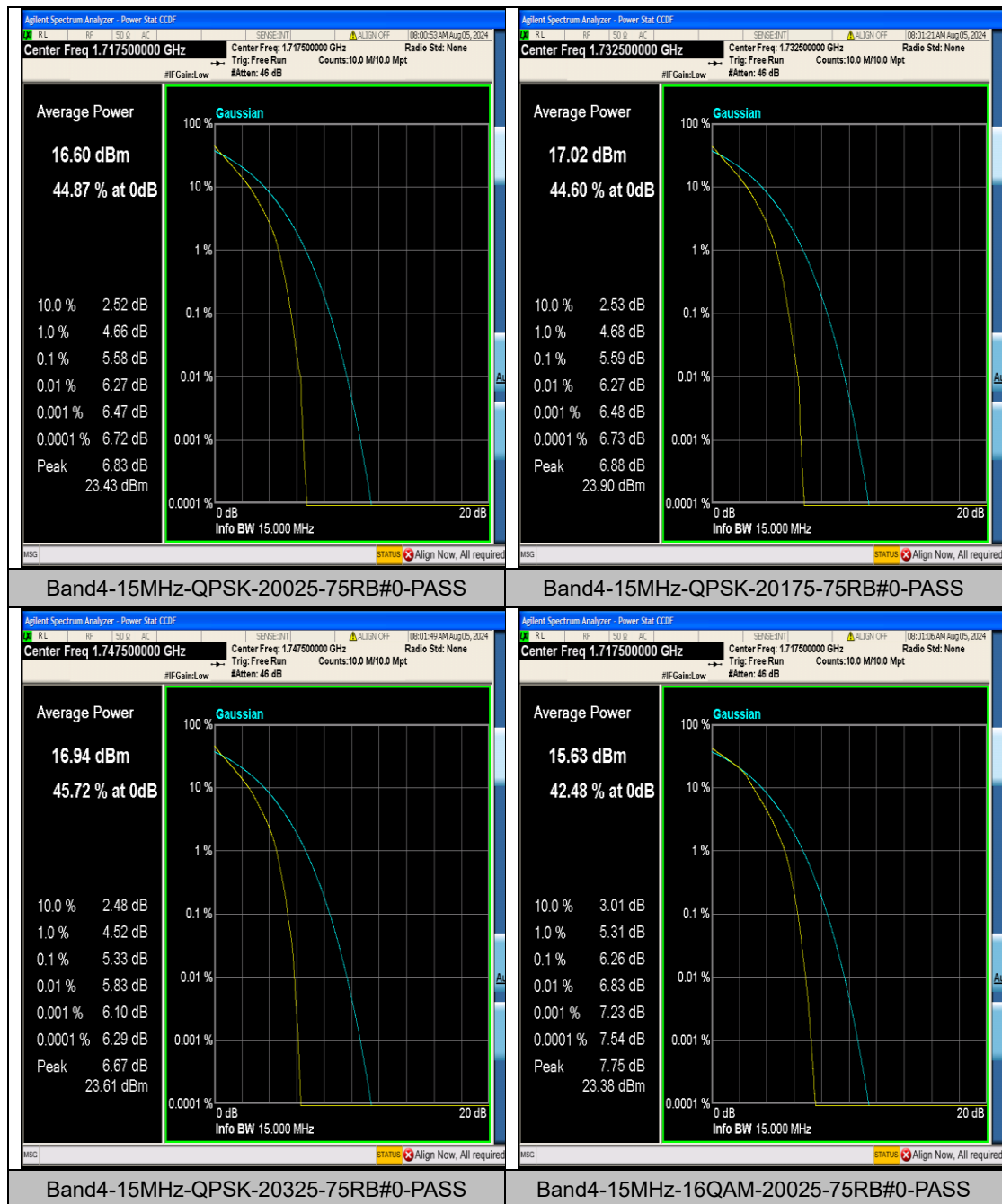


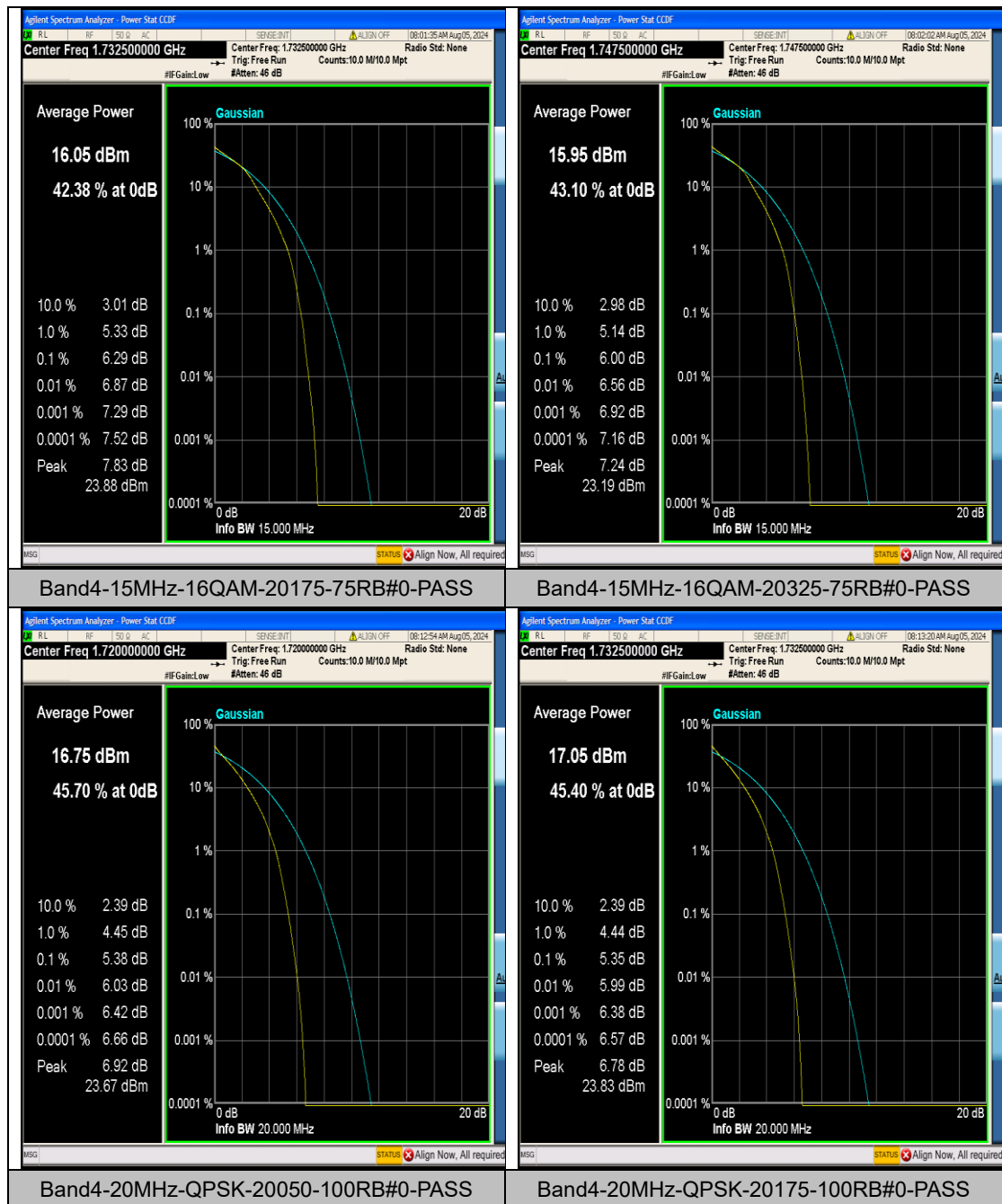


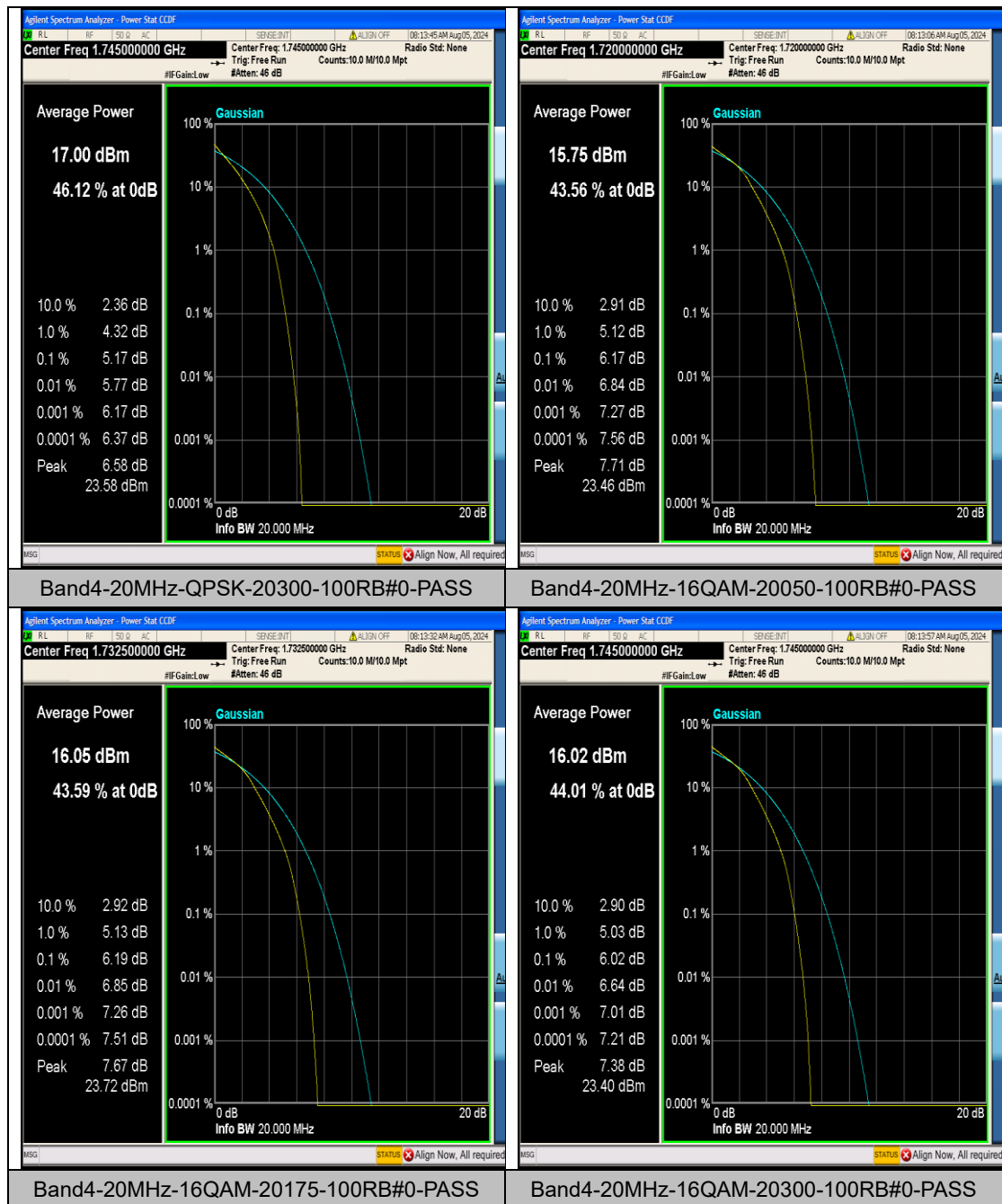












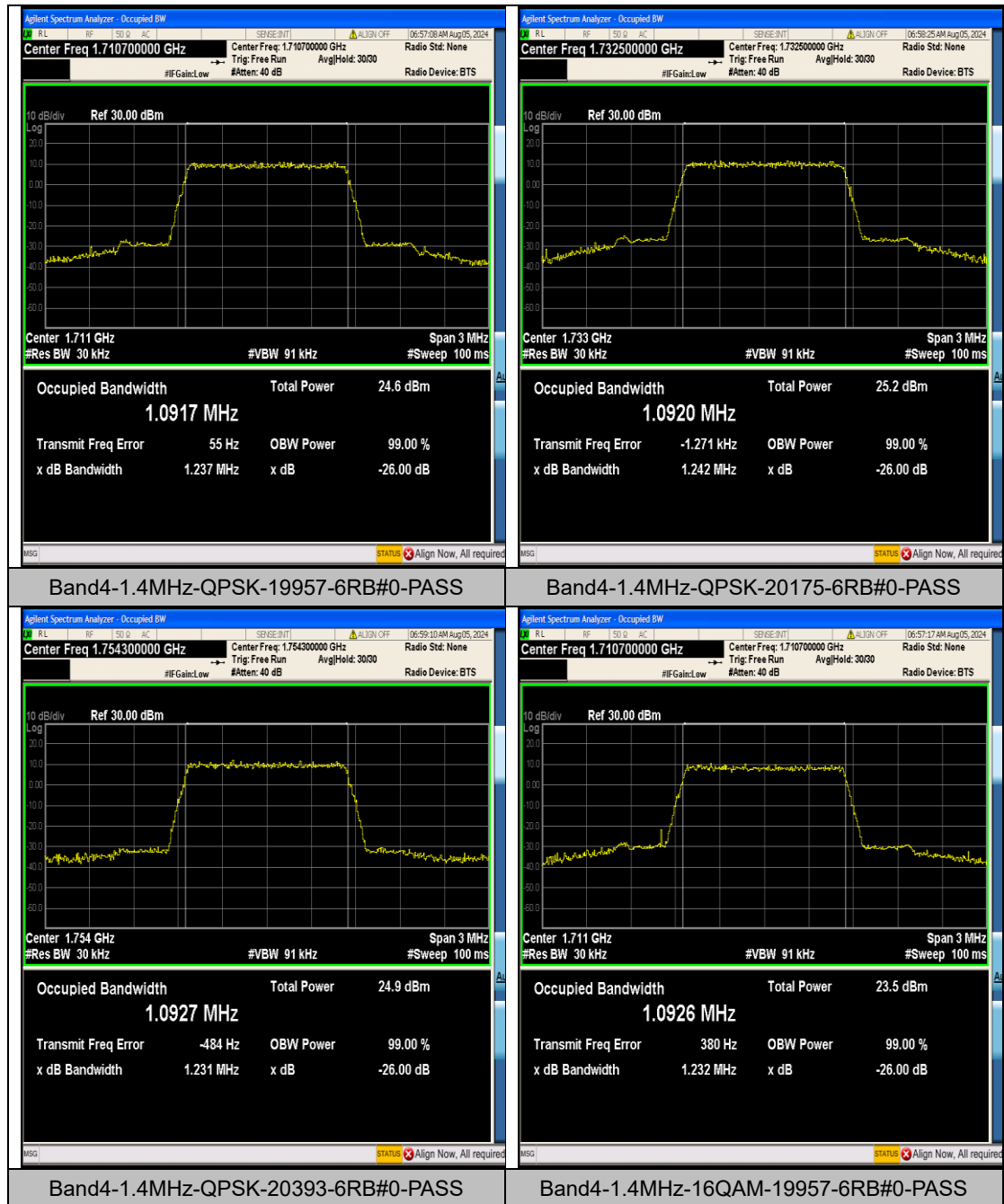
Appendix C: 26dB Bandwidth and Occupied Bandwidth

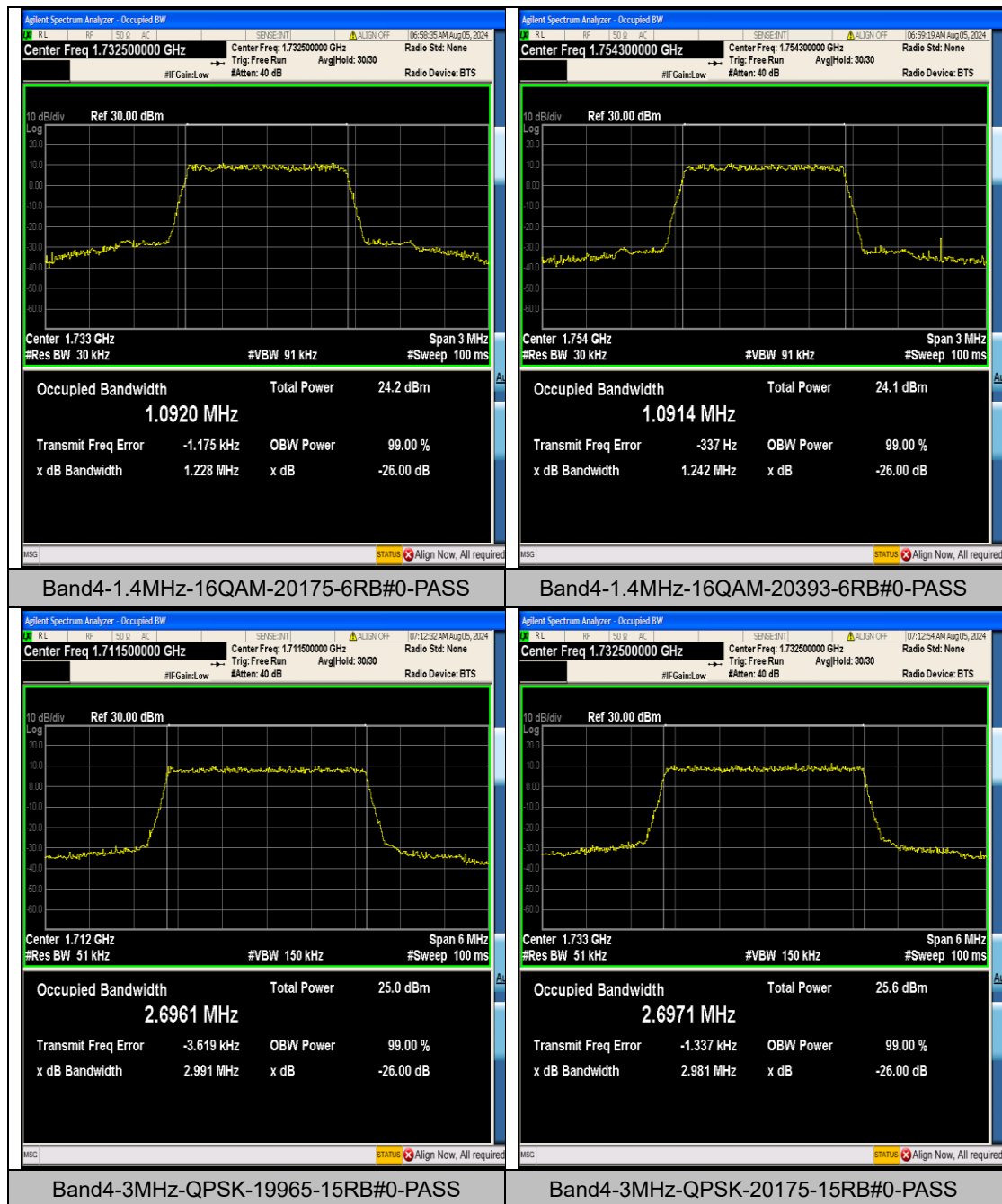
Test Result

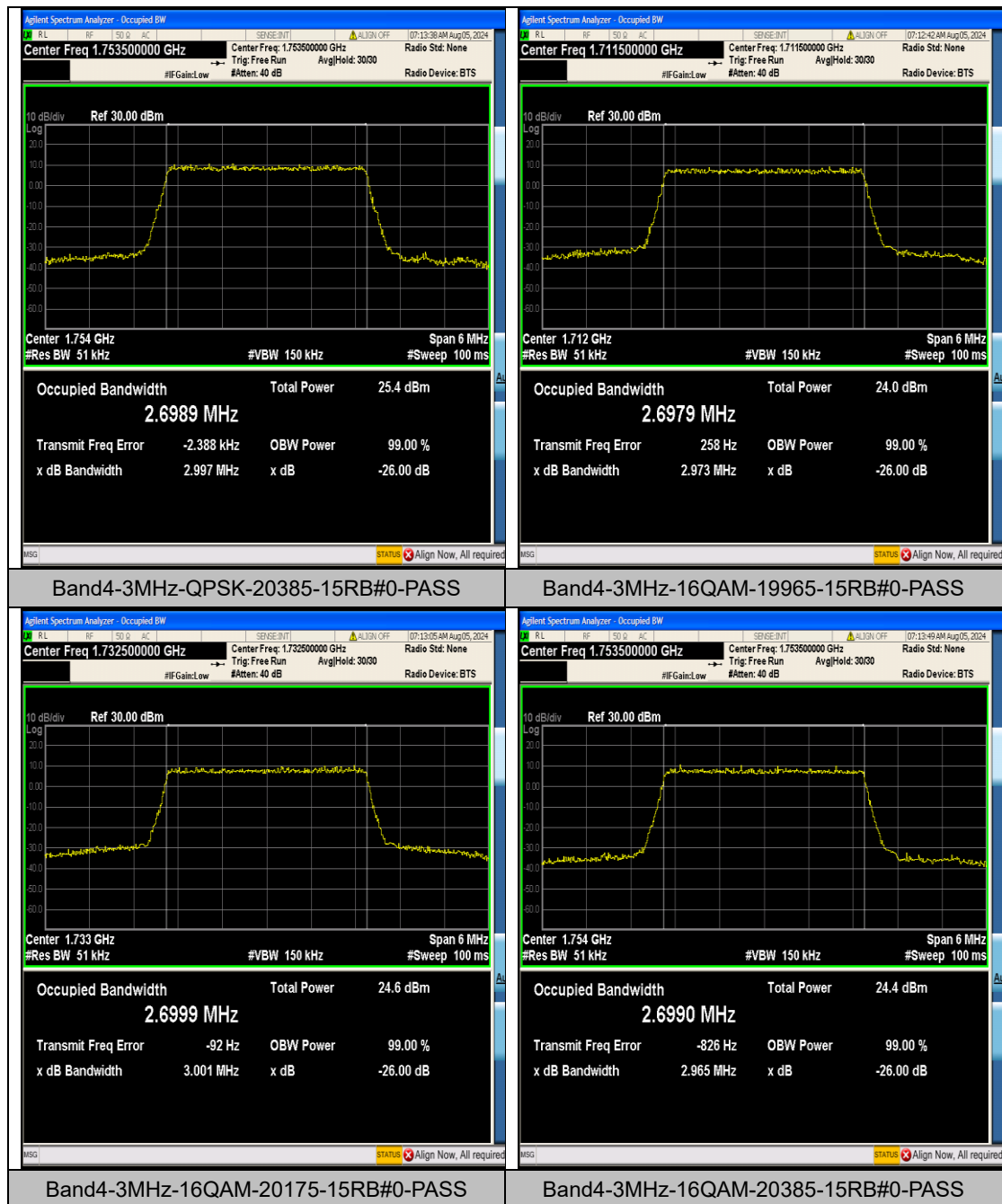
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0917	1.237	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0920	1.242	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0927	1.231	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0926	1.232	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0920	1.228	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0914	1.242	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6961	2.991	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6971	2.981	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6989	2.997	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6979	2.973	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6999	3.001	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6990	2.965	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5065	4.974	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5138	4.981	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5077	4.962	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5008	4.956	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5221	4.972	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5111	4.982	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9973	9.861	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9981	9.872	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0020	9.868	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9797	9.820	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9831	9.824	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9732	9.857	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.468	14.79	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.525	14.72	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.456	14.65	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.477	14.61	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.476	14.79	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.447	14.66	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.968	19.53	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.961	19.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.927	19.43	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.955	19.56	PASS

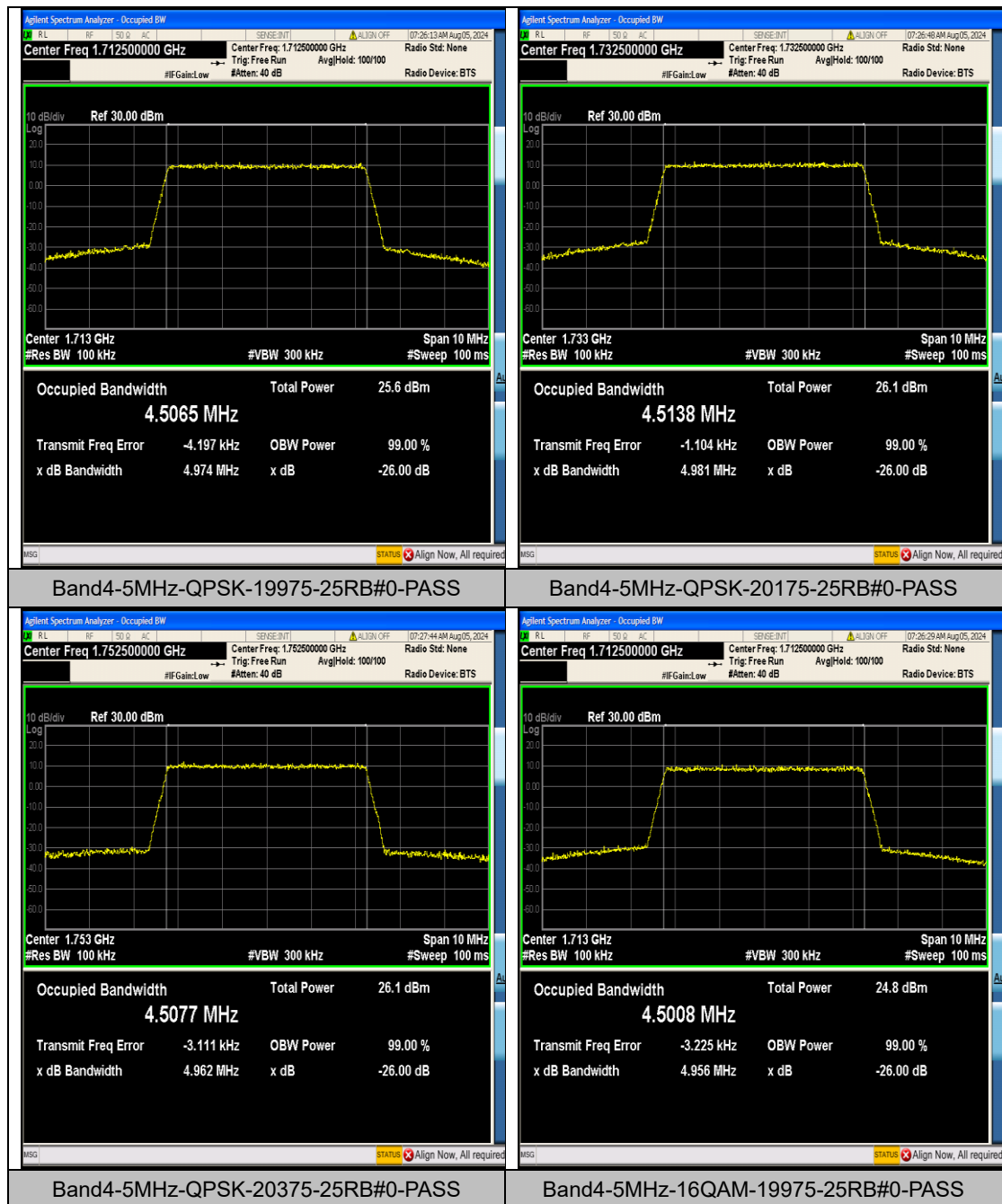
Band4	20MHz	16QAM	20175	100RB#0	17.960	19.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.909	19.56	PASS

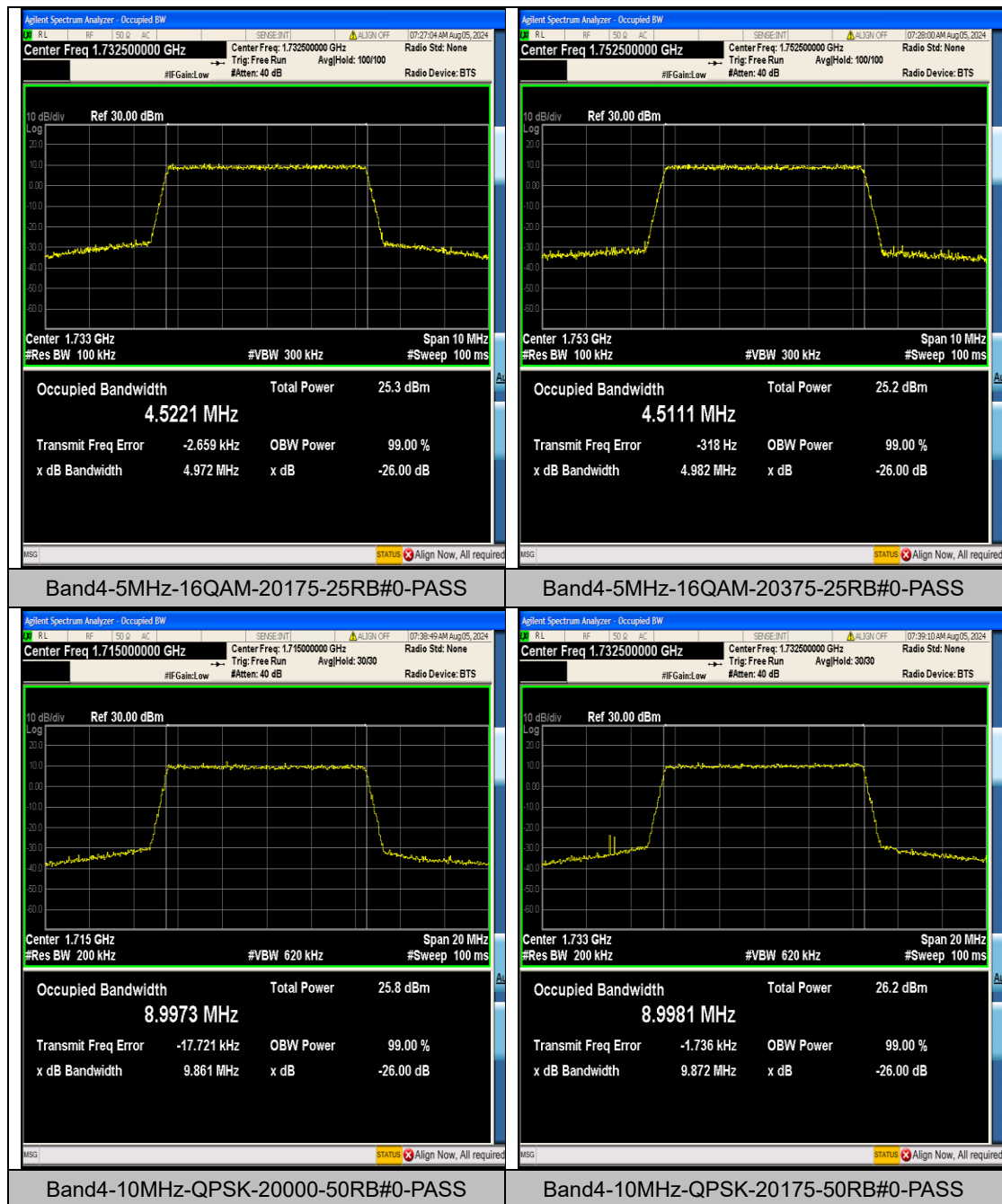
Test Graphs

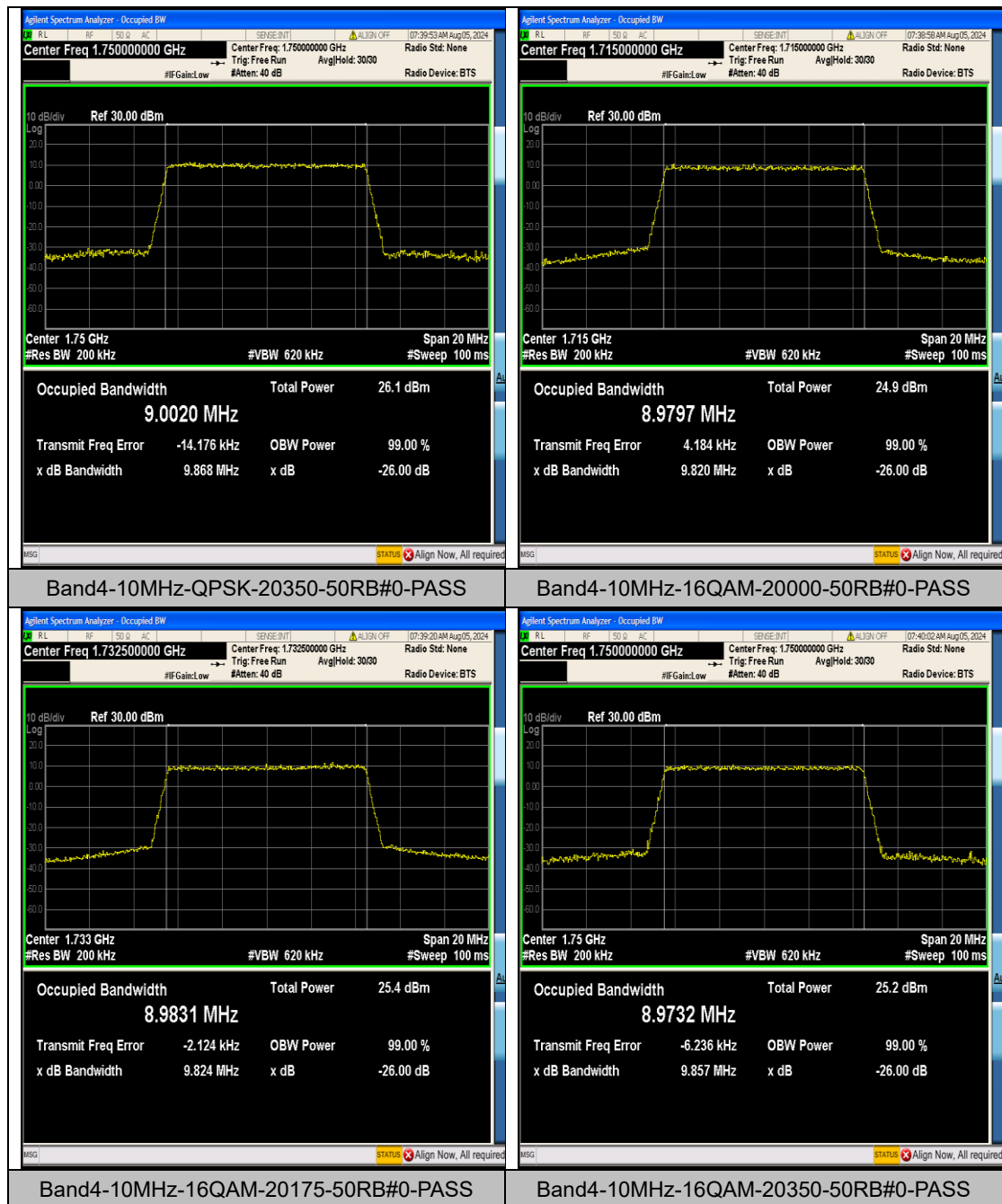


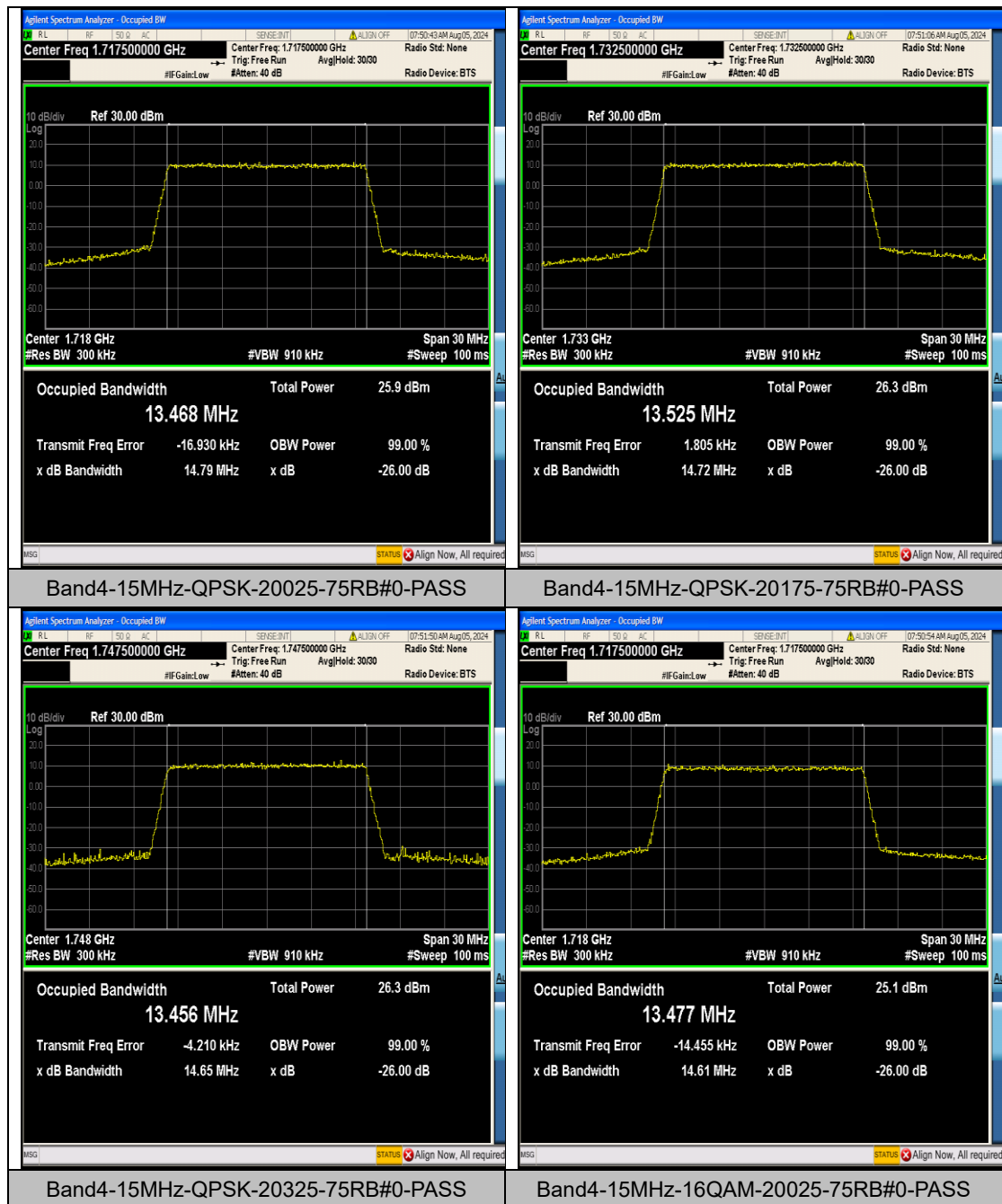


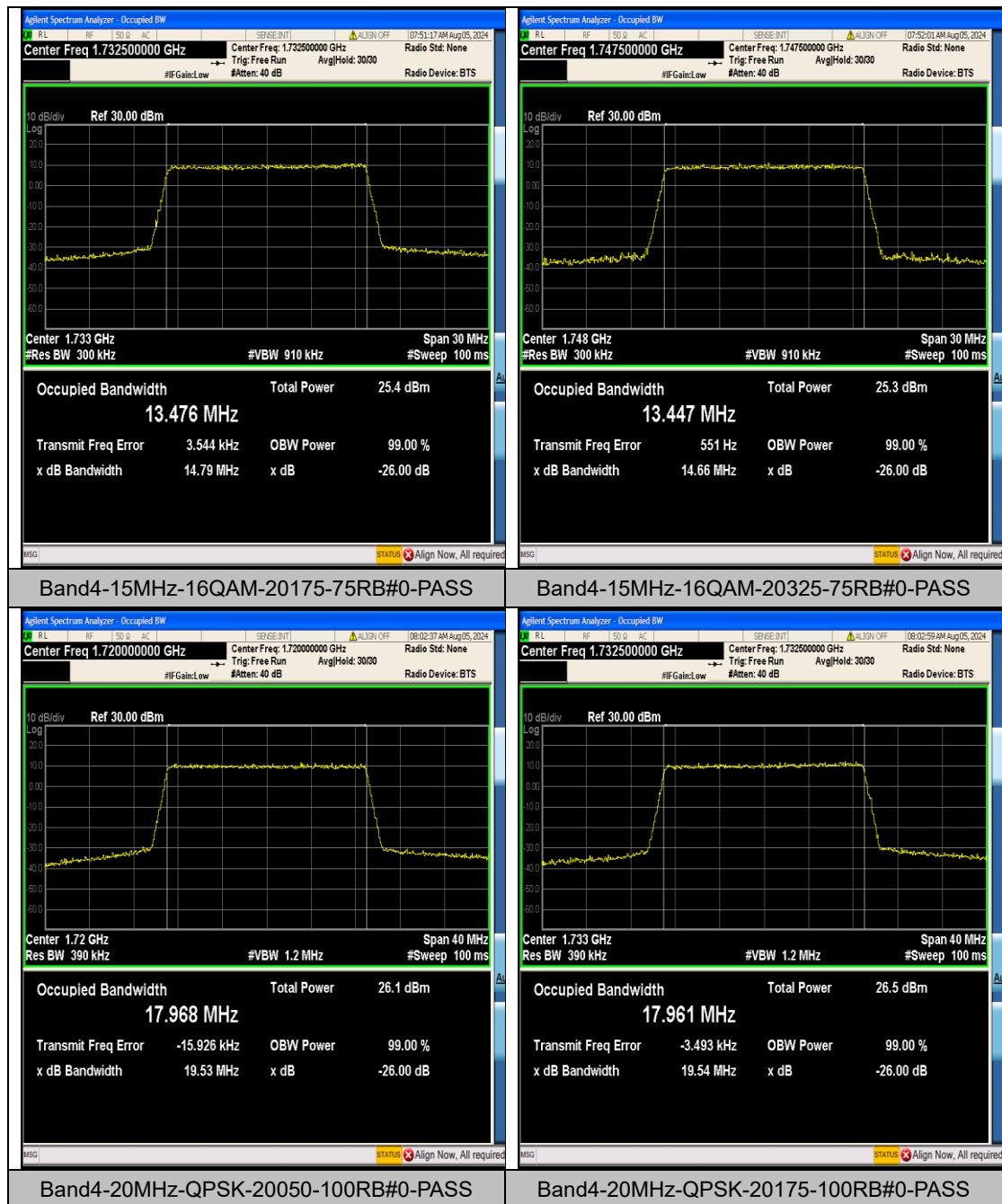


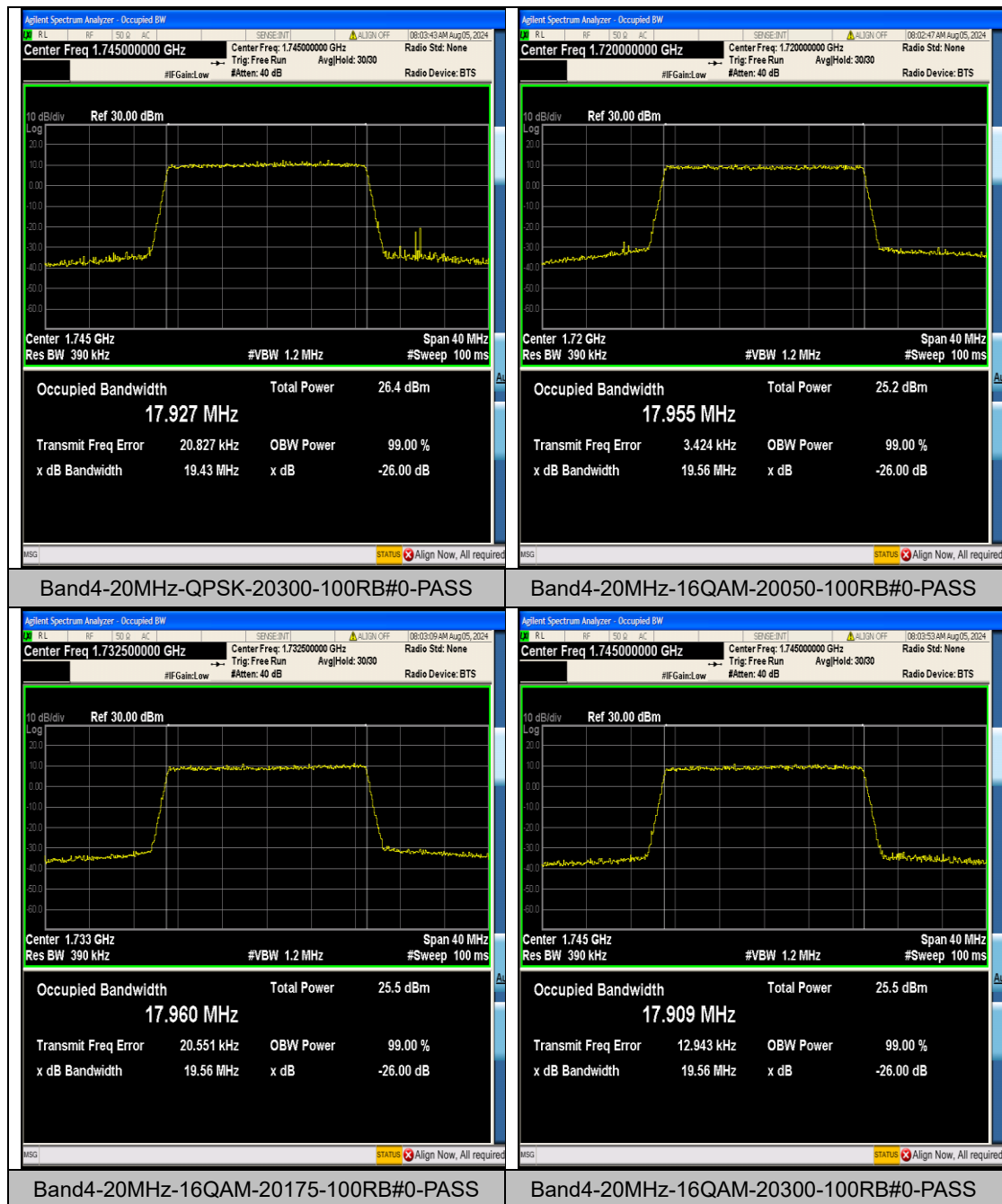












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-34.82	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-36.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-35.13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-36.47	PASS
Band4	3MHz	QPSK	19965	15RB#0	-31.96	PASS
Band4	3MHz	QPSK	20385	15RB#0	-36.08	PASS
Band4	3MHz	16QAM	19965	15RB#0	-32.46	PASS
Band4	3MHz	16QAM	20385	15RB#0	-34.89	PASS
Band4	5MHz	QPSK	19975	25RB#0	-32.78	PASS
Band4	5MHz	QPSK	20375	25RB#0	-38.13	PASS
Band4	5MHz	16QAM	19975	25RB#0	-33.03	PASS
Band4	5MHz	16QAM	20375	25RB#0	-37.11	PASS
Band4	10MHz	QPSK	20000	50RB#0	-36.15	PASS
Band4	10MHz	QPSK	20350	50RB#0	-41.02	PASS
Band4	10MHz	16QAM	20000	50RB#0	-36.61	PASS
Band4	10MHz	16QAM	20350	50RB#0	-40.48	PASS
Band4	15MHz	QPSK	20025	75RB#0	-36.82	PASS
Band4	15MHz	QPSK	20325	75RB#0	-42.19	PASS
Band4	15MHz	16QAM	20025	75RB#0	-37.47	PASS
Band4	15MHz	16QAM	20325	75RB#0	-42.04	PASS
Band4	20MHz	QPSK	20050	100RB#0	-38.16	PASS
Band4	20MHz	QPSK	20300	100RB#0	-43.42	PASS
Band4	20MHz	16QAM	20050	100RB#0	-39.03	PASS
Band4	20MHz	16QAM	20300	100RB#0	-42.43	PASS

Test Graphs

