

FCC LTE Band Test Data

FCC ID : **2BCQ3FLY500**

Company: : **A3 MOBILE SAS**

EUT : **Mobile Phone**

Model Number : **FY-500**

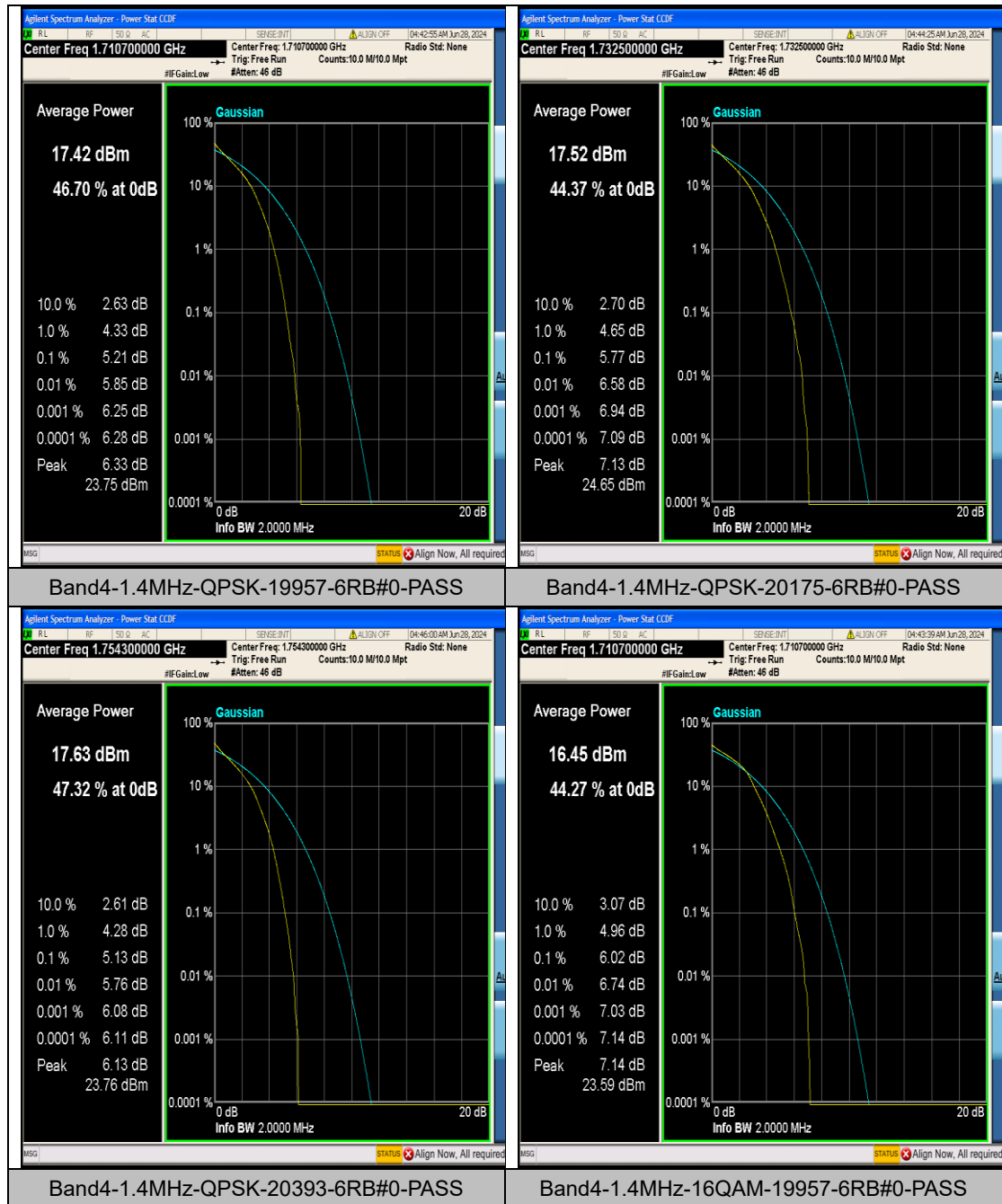
Reviewed By : **Eric Wang**

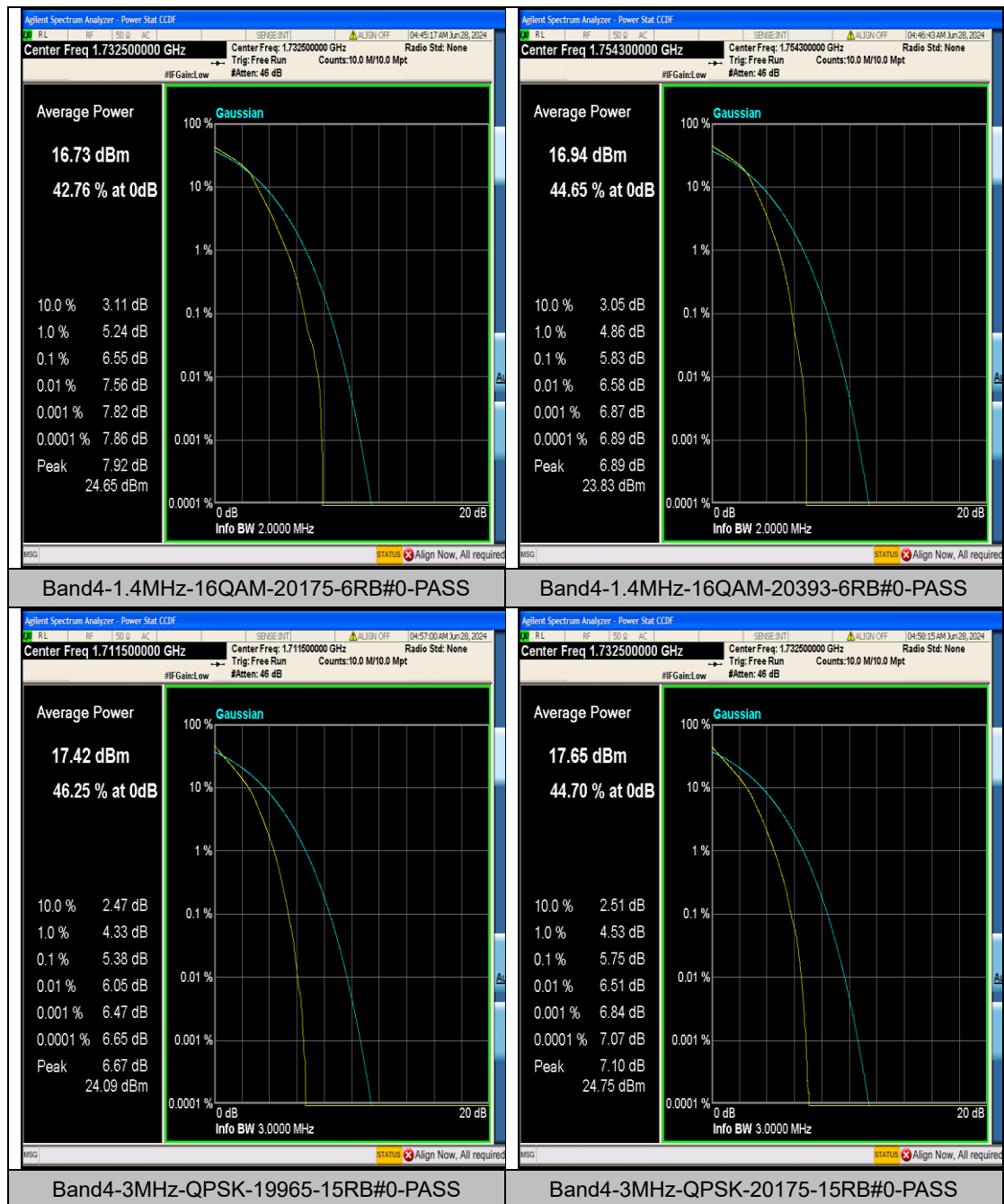
Appendix B: Peak-to-Average Ratio(CCDF)

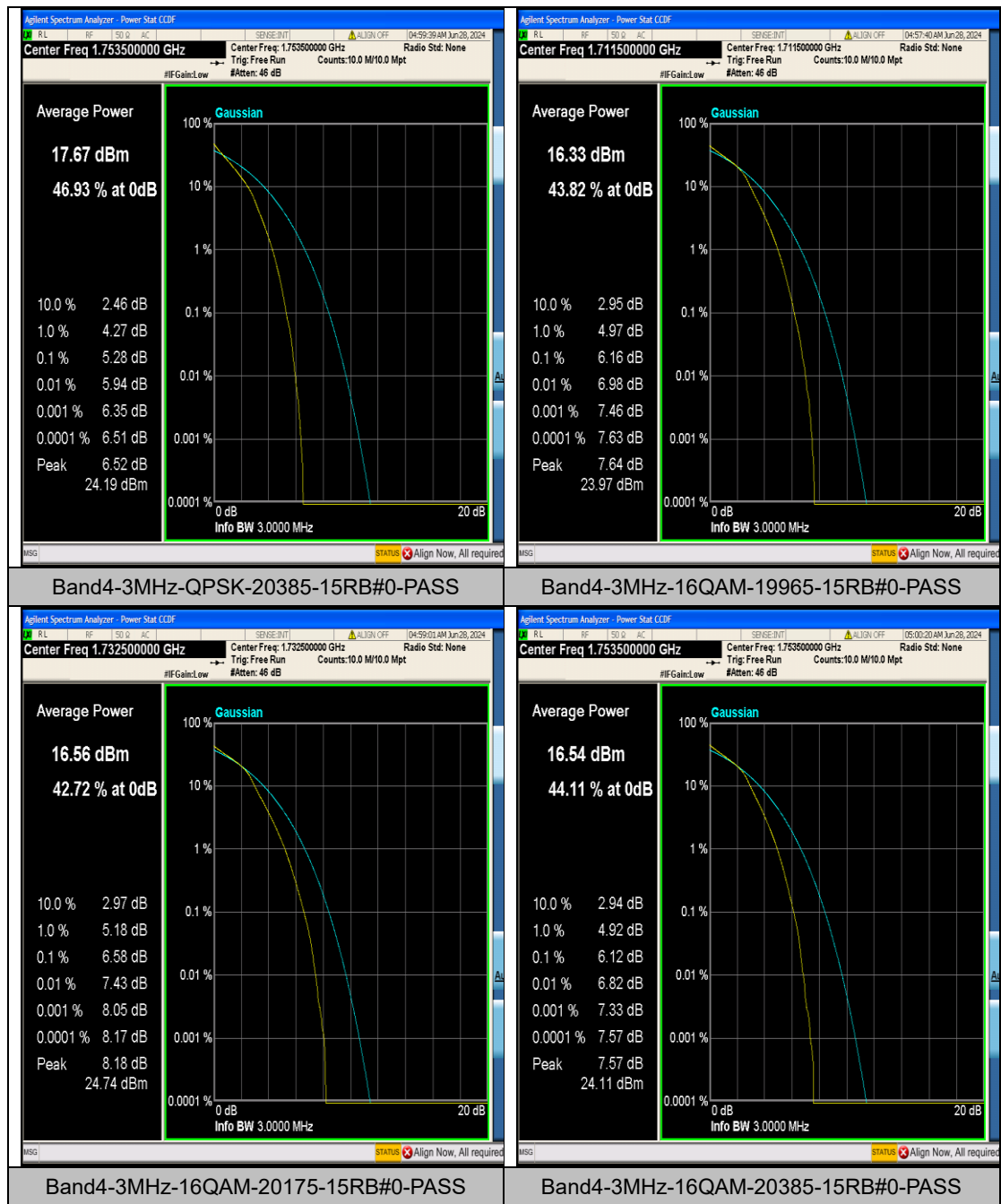
Test Result

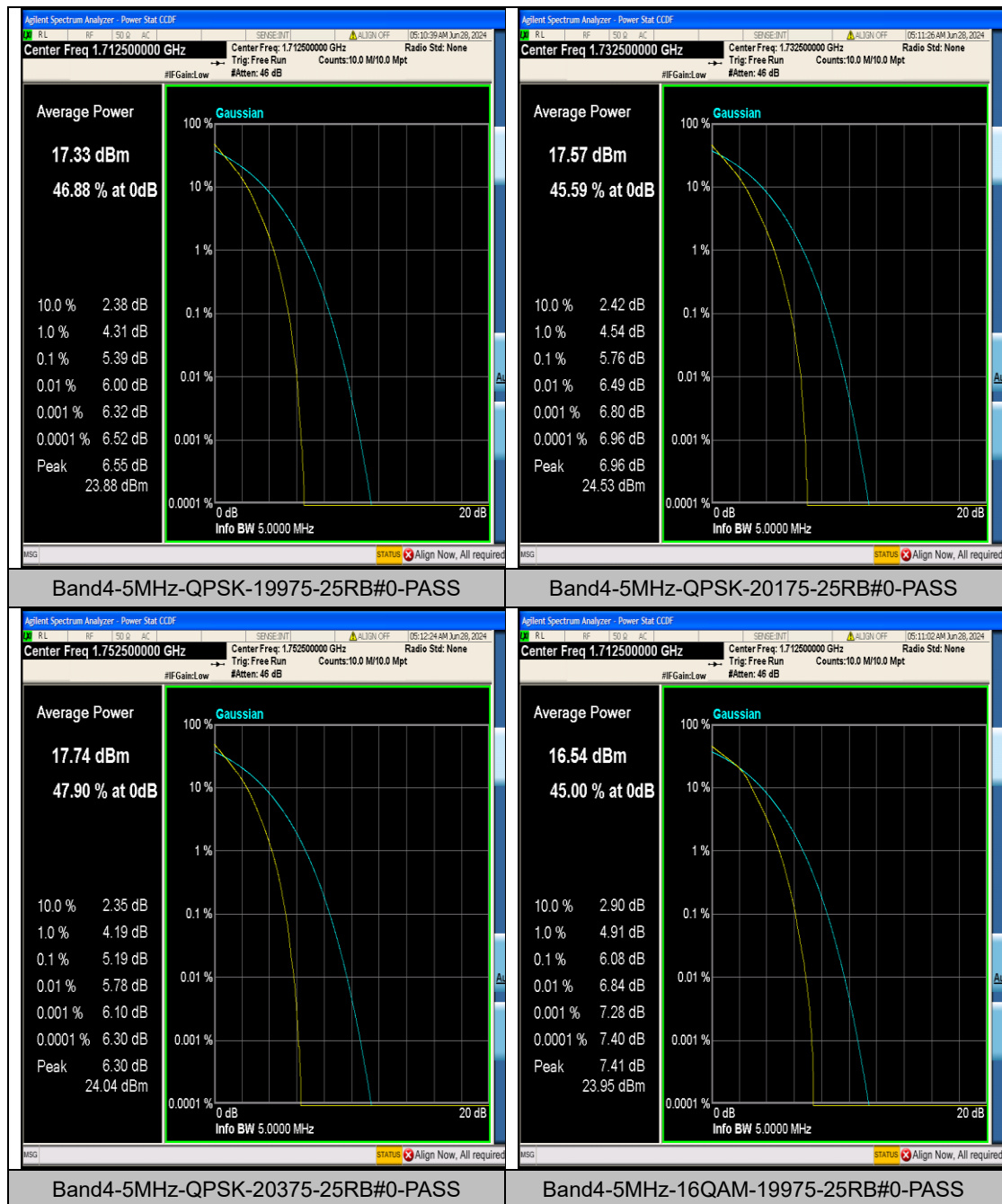
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.21	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.77	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.13	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.02	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.55	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.83	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.38	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.75	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.28	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.16	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.58	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.12	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.39	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.76	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.19	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.08	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.45	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.93	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.23	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.65	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.04	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.06	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.45	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.95	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.53	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.92	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.42	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.10	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.44	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.30	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.51	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.08	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.17	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.34	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.85	13	PASS

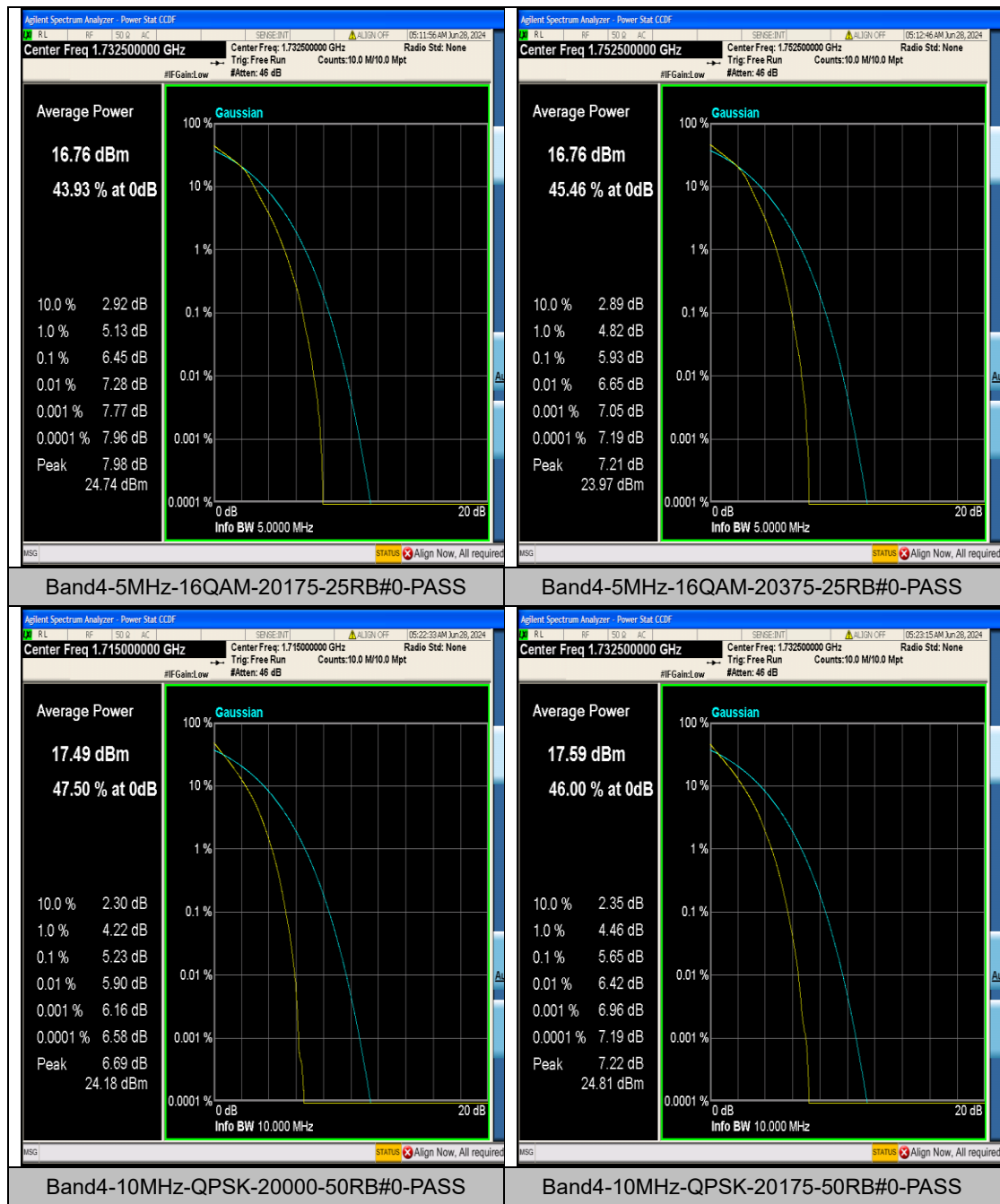
Test Graphs

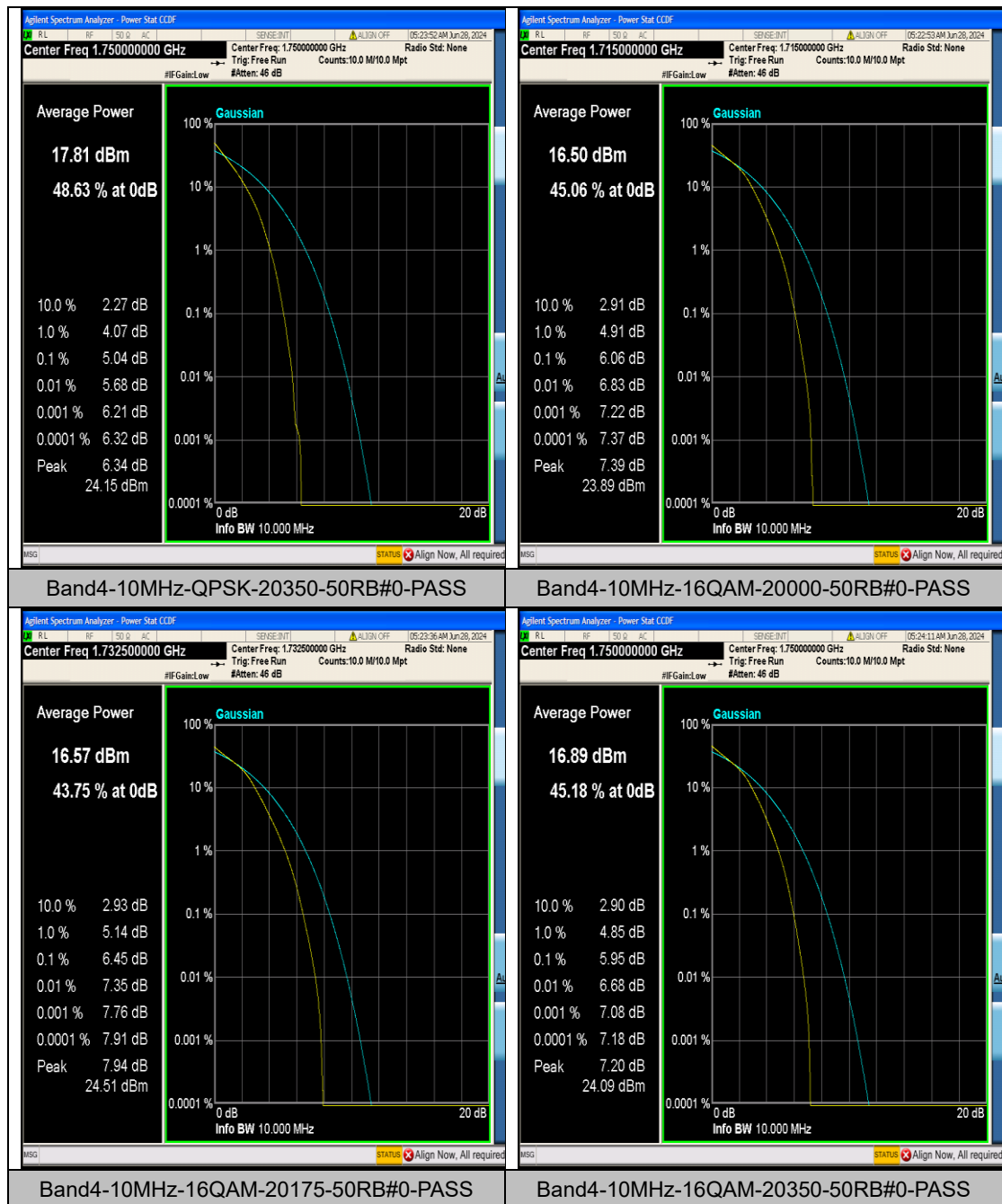


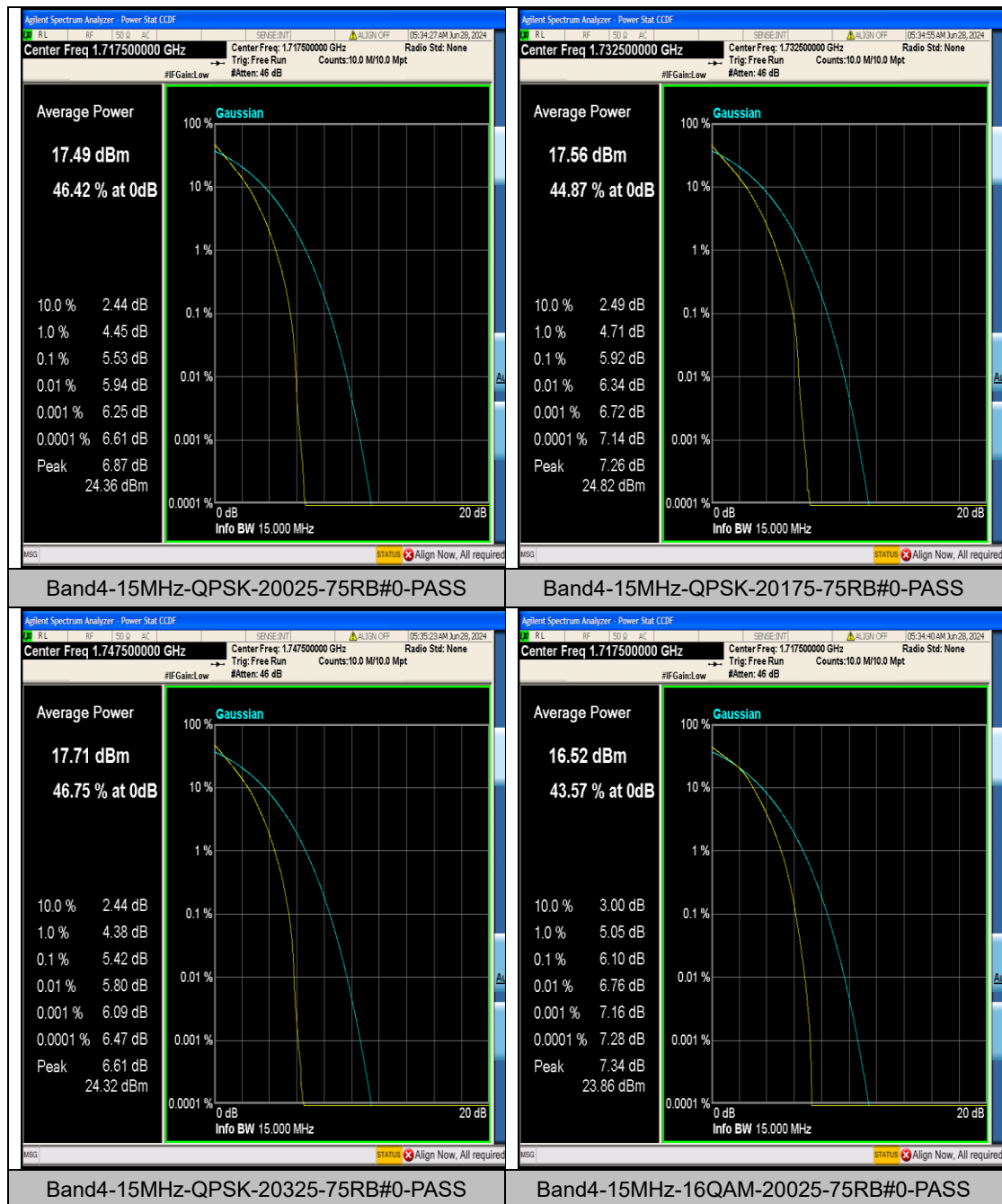


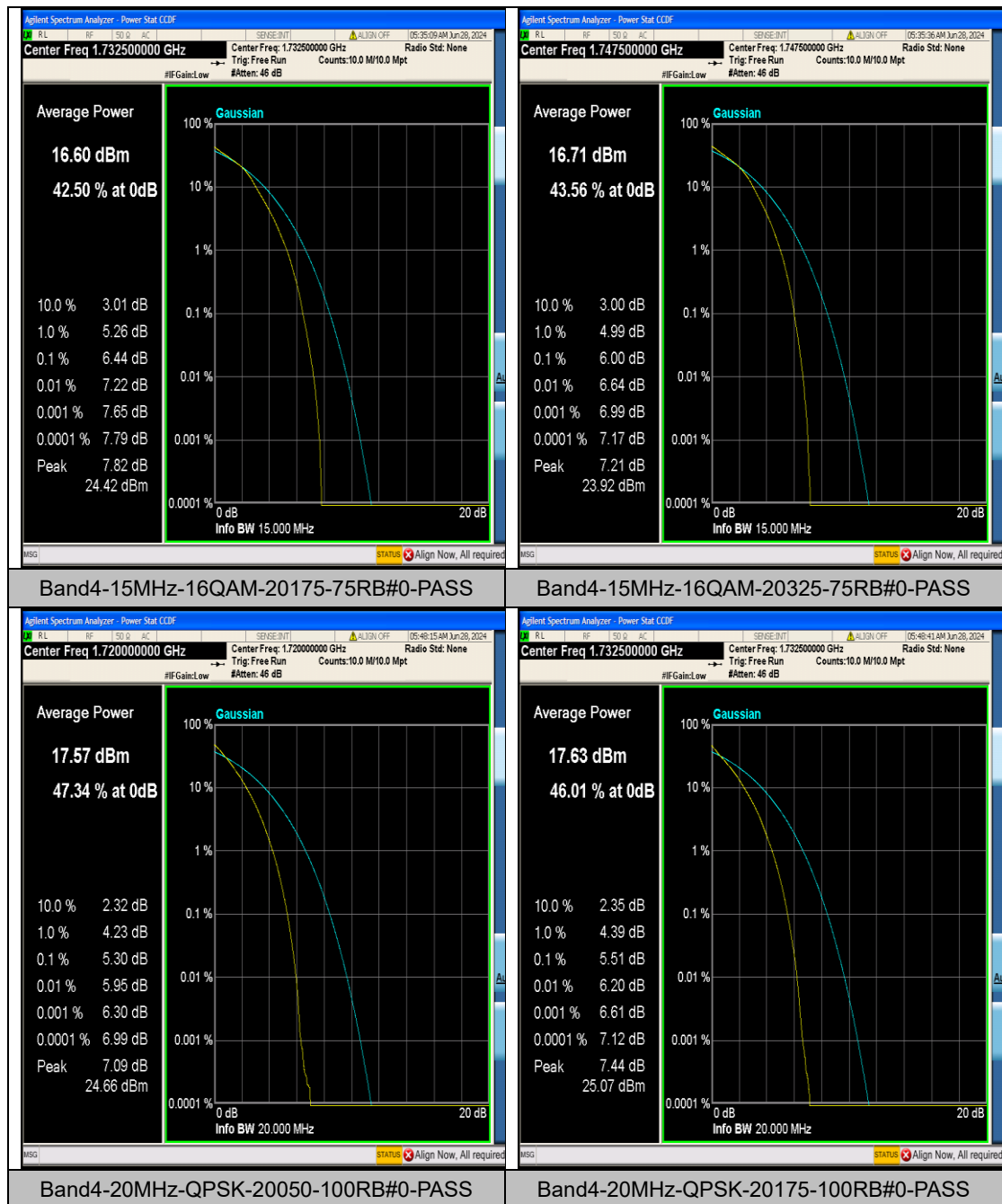


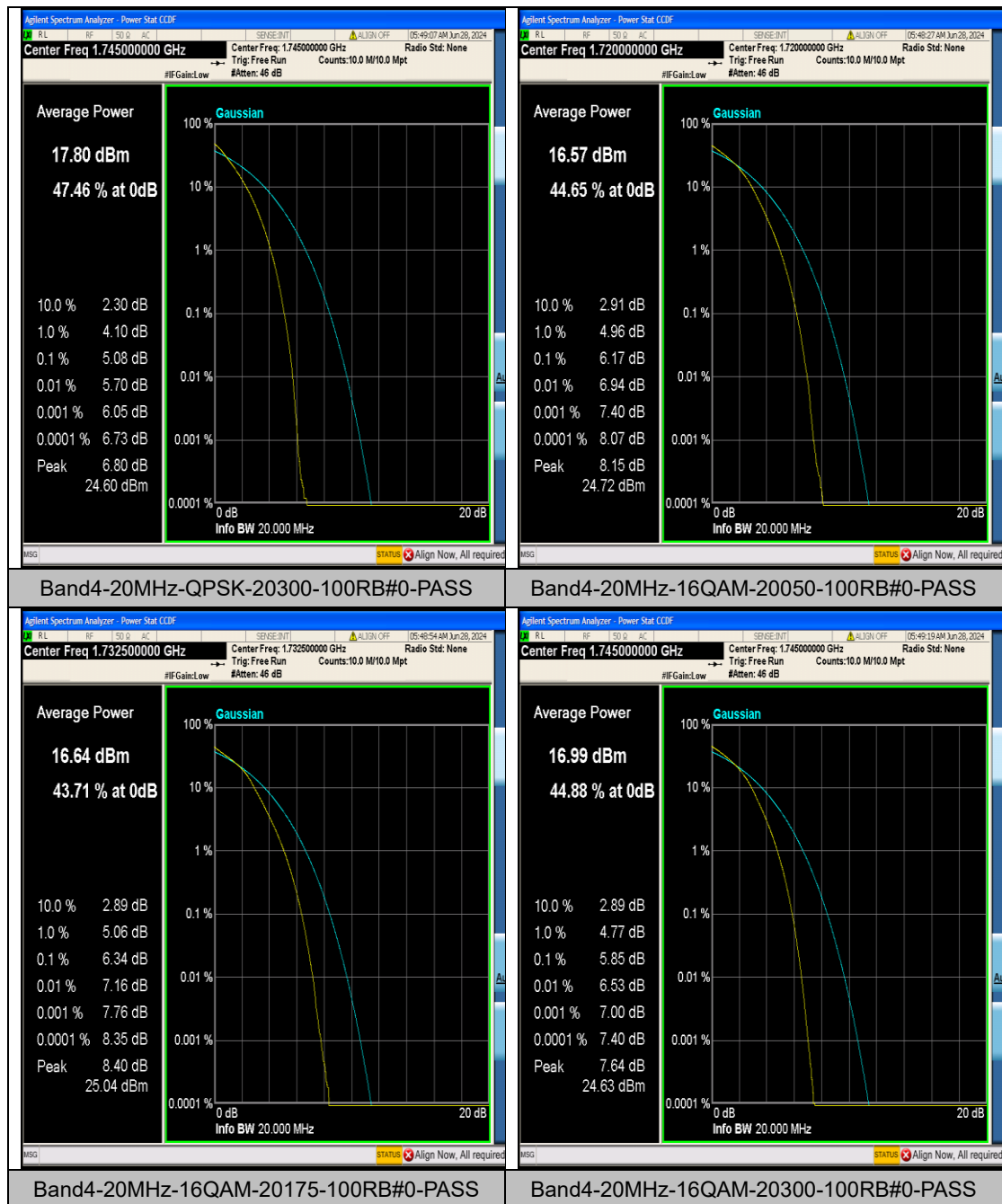












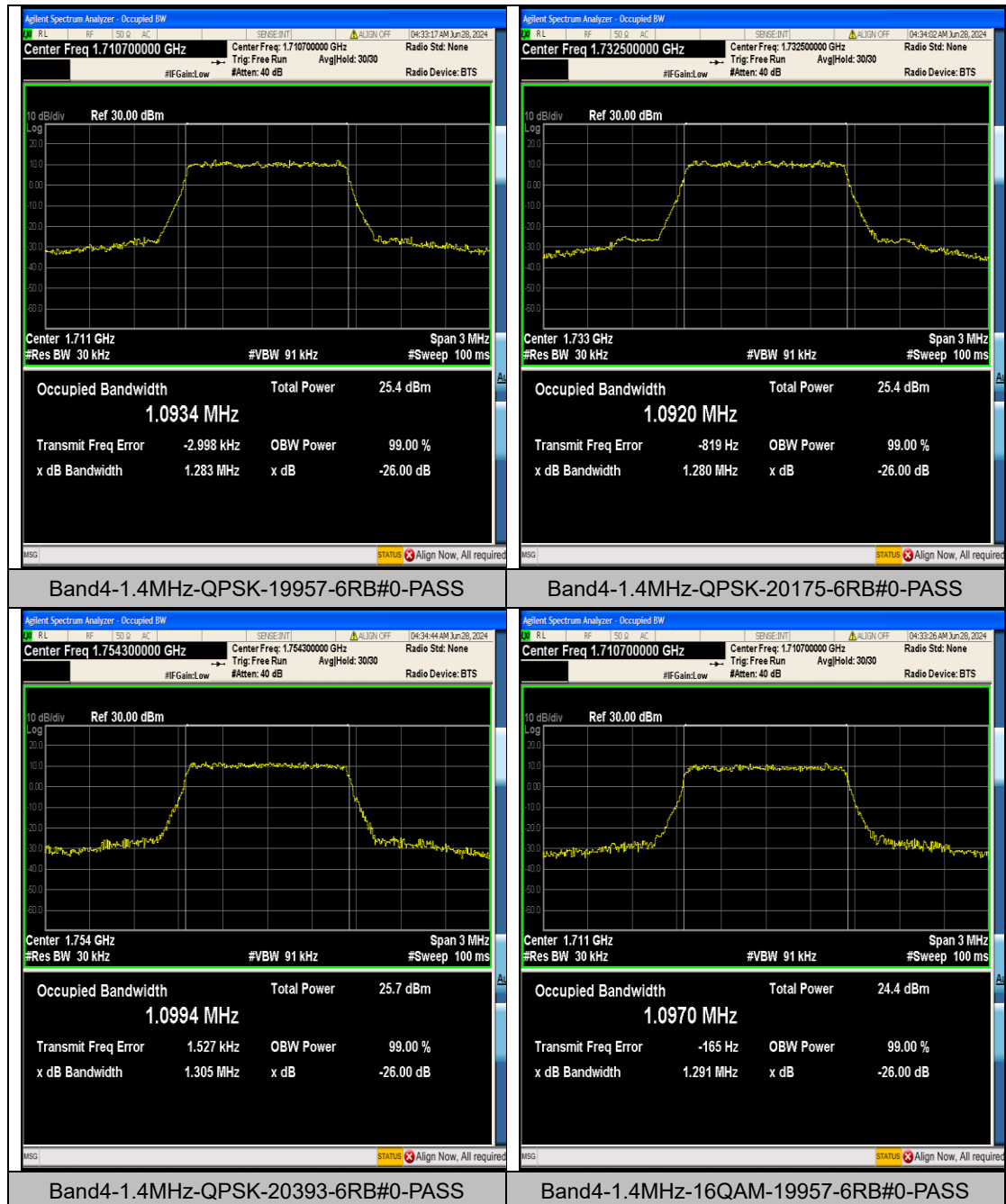
Appendix C: 26dB Bandwidth and Occupied Bandwidth

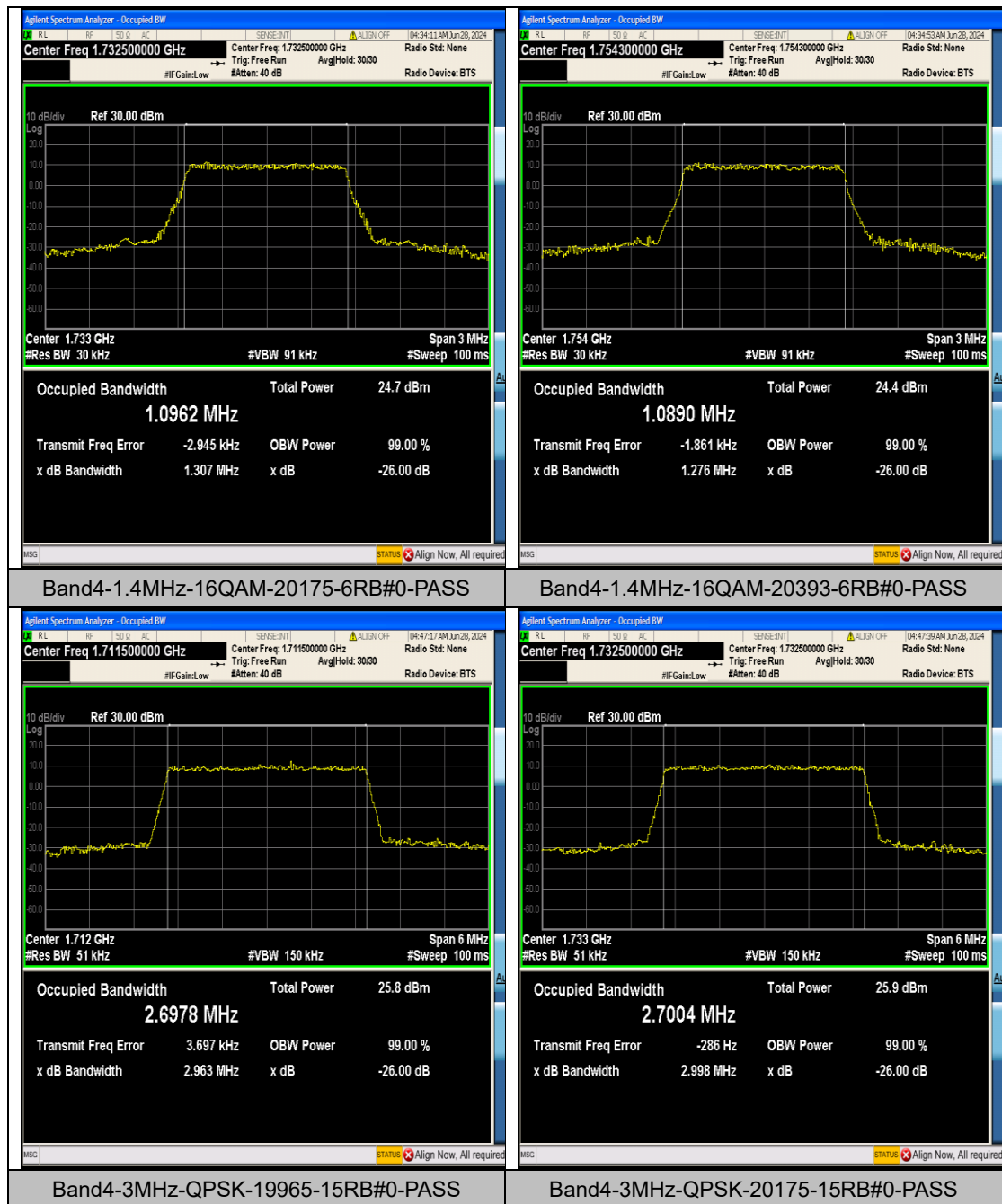
Test Result

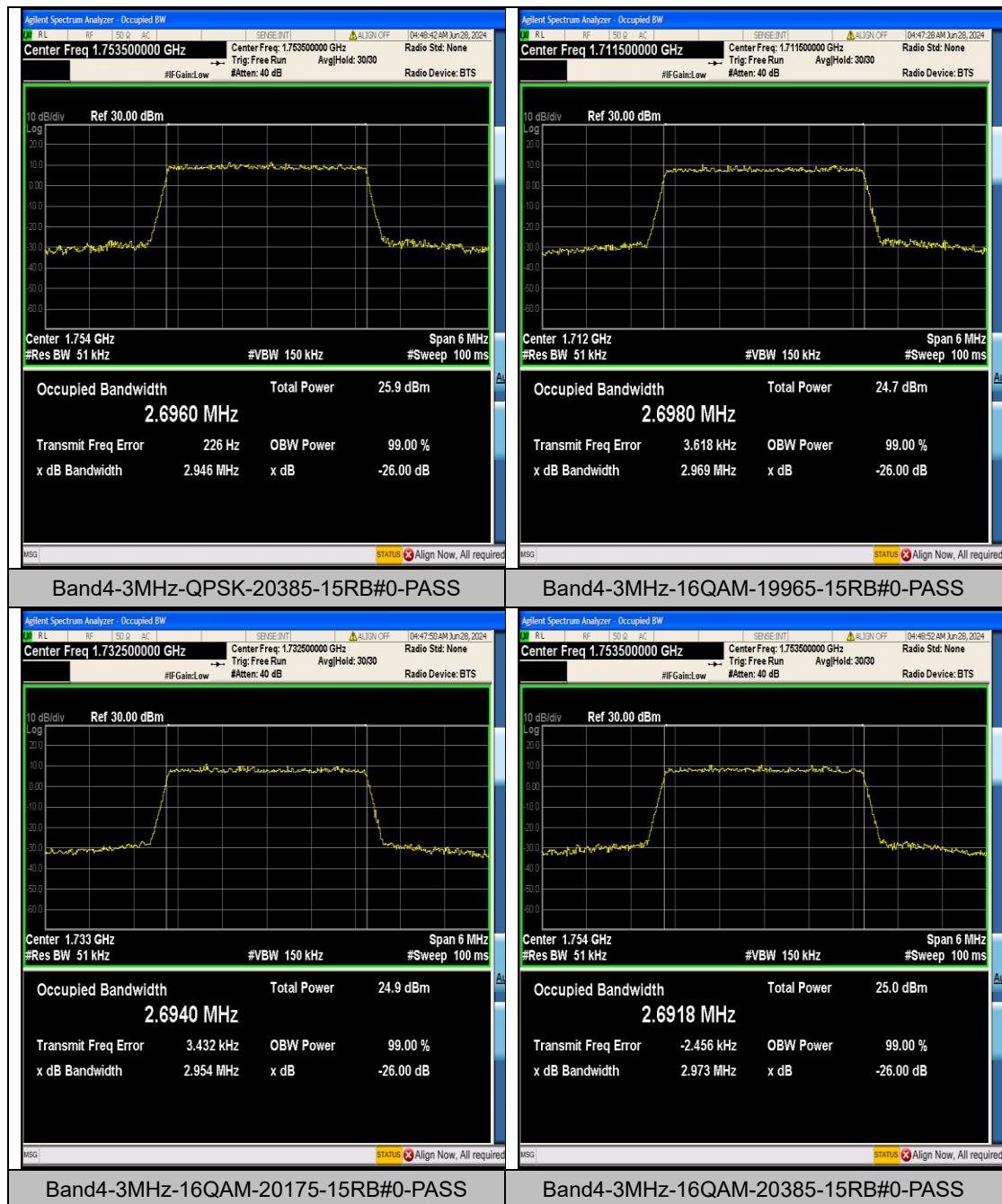
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0934	1.283	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0920	1.280	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0994	1.305	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0970	1.291	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0962	1.307	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0890	1.276	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6978	2.963	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7004	2.998	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6960	2.946	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6980	2.969	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6940	2.954	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6918	2.973	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5087	5.004	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5038	5.021	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5035	5.016	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4962	4.978	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4986	4.982	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4982	4.964	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9647	9.897	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9736	9.927	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9662	9.917	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9567	9.819	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9776	9.882	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9736	9.853	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.422	14.75	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.460	14.73	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.430	14.81	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.423	14.62	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.460	14.71	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.440	14.62	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.831	19.39	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.936	19.44	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.871	19.40	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.844	19.48	PASS

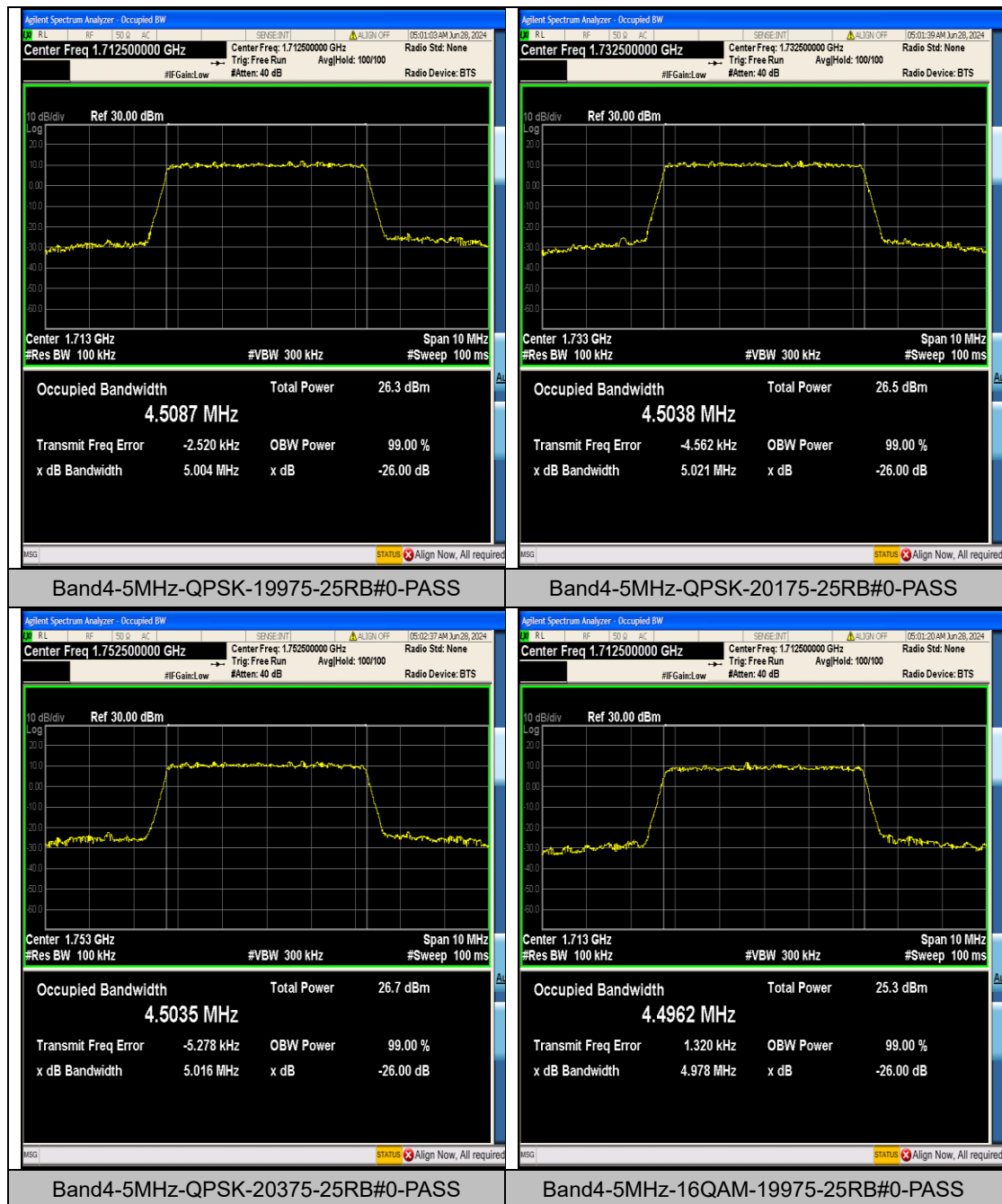
Band4	20MHz	16QAM	20175	100RB#0	17.981	19.48	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.874	19.40	PASS

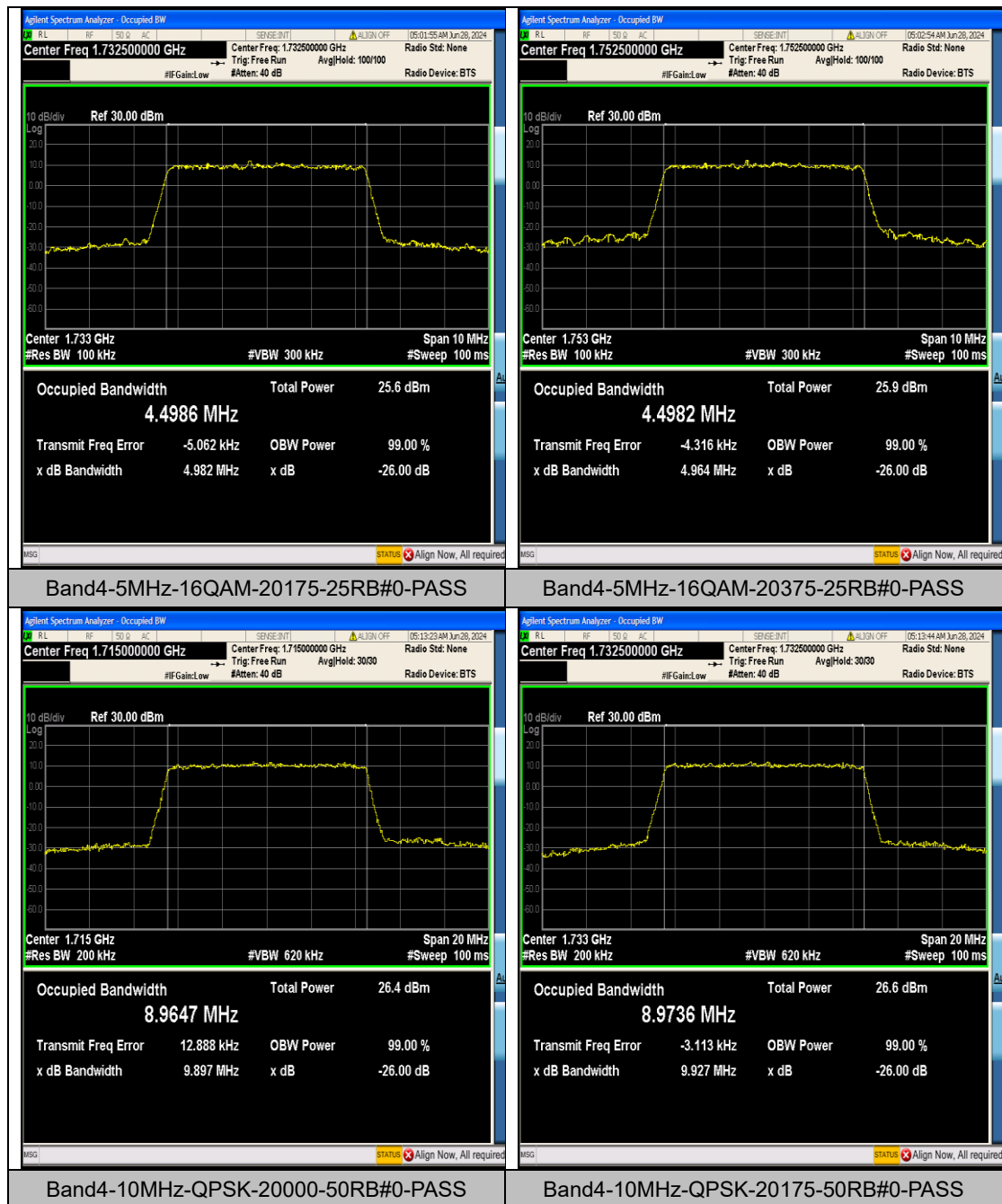
Test Graphs

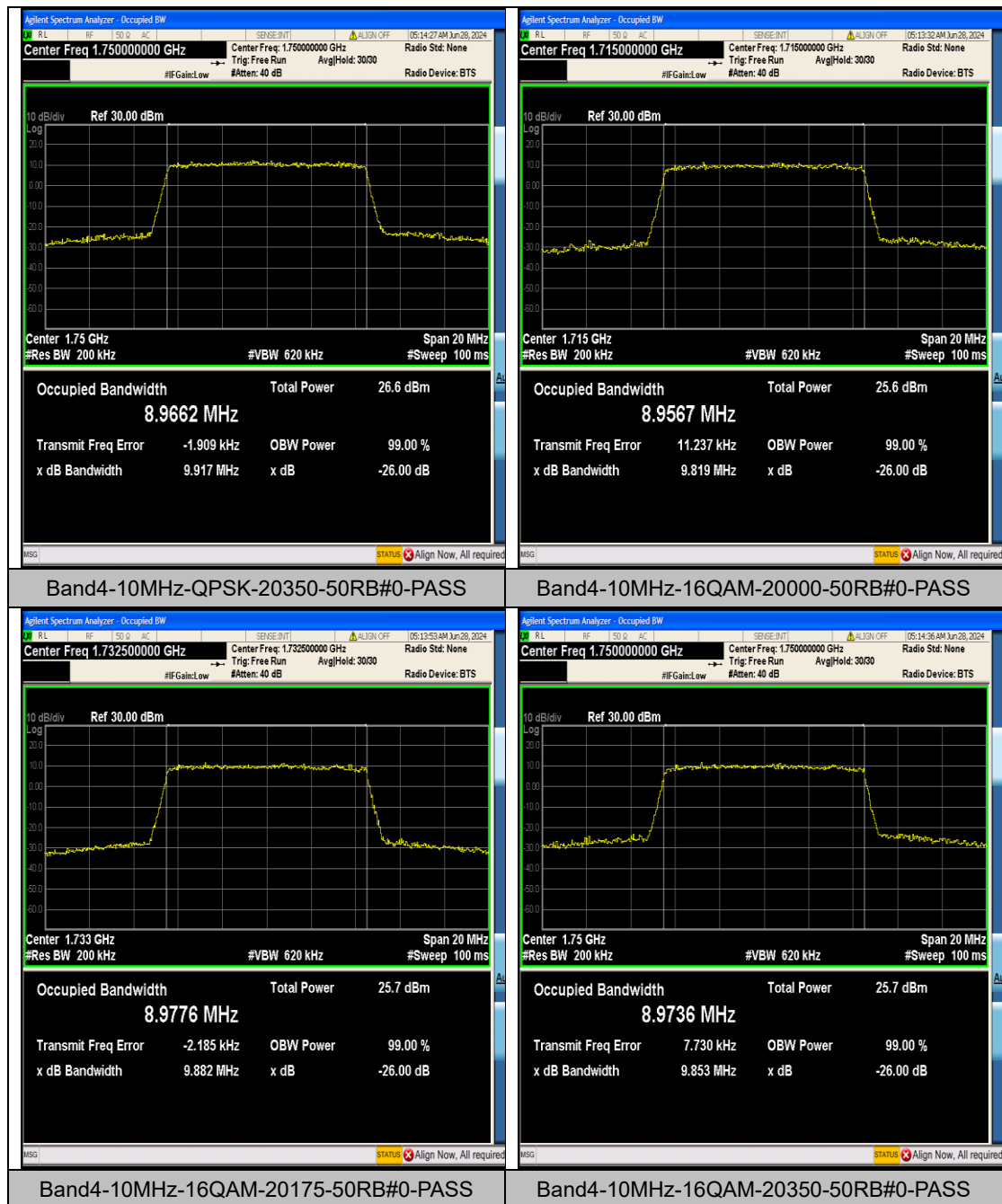


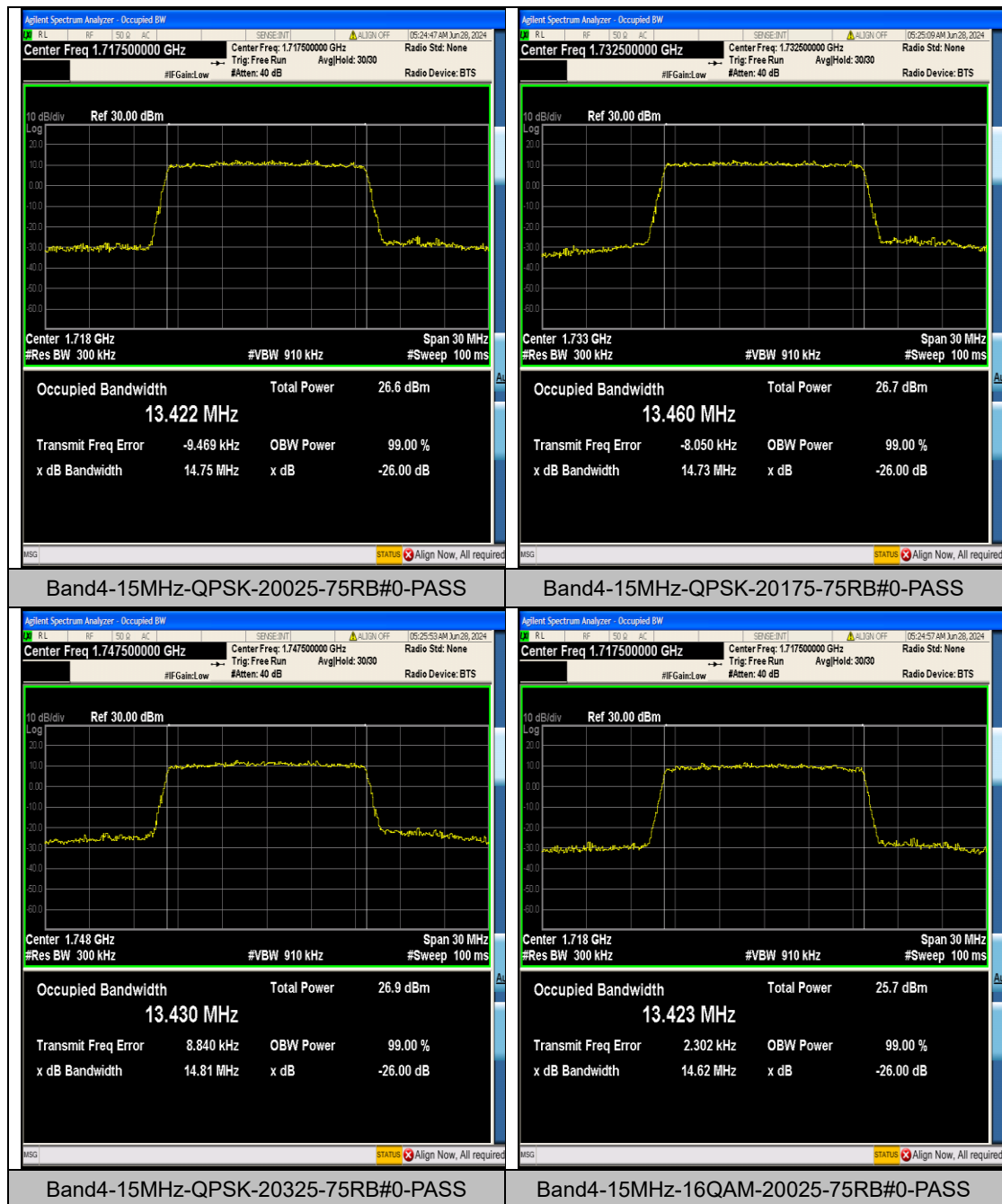


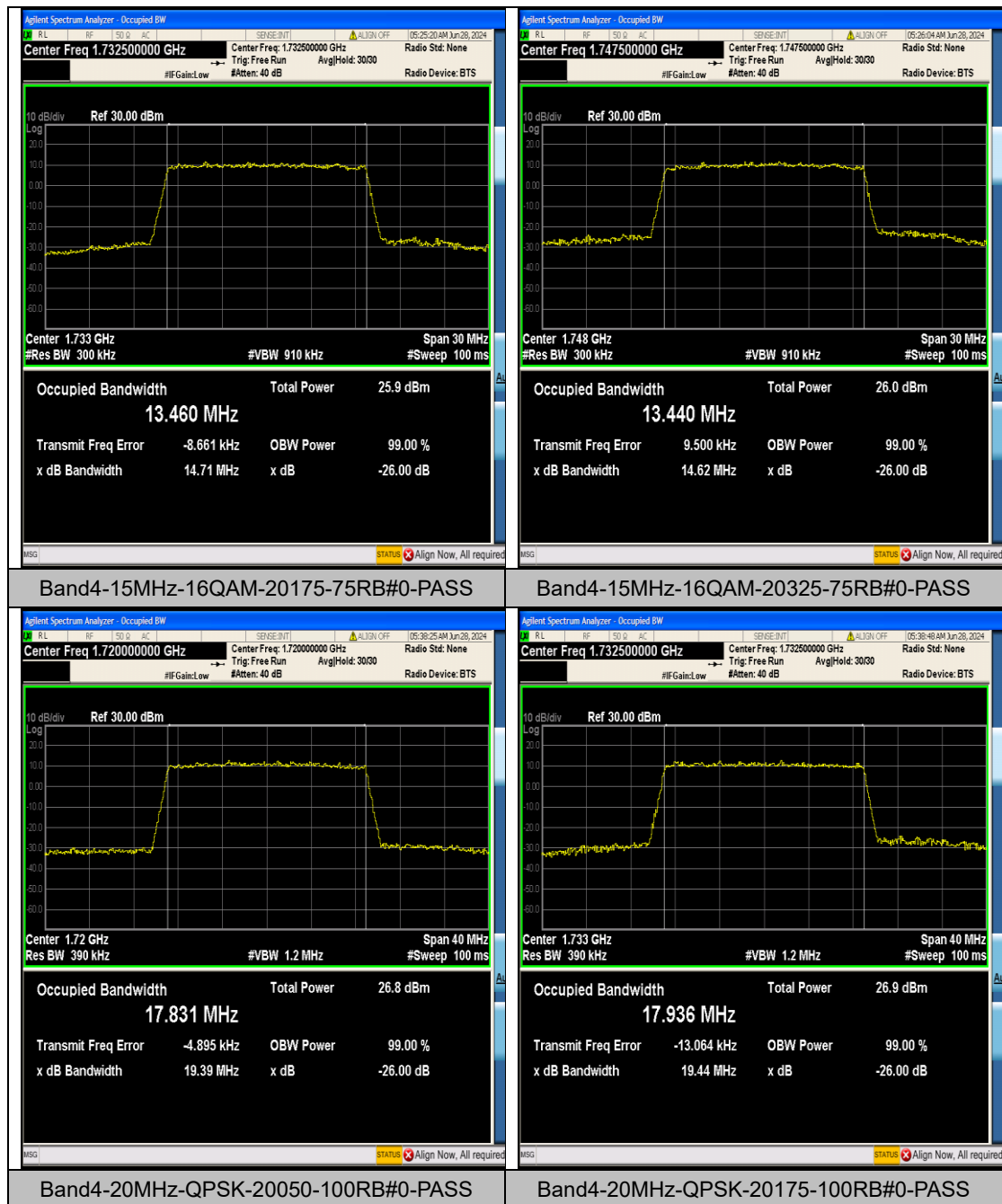


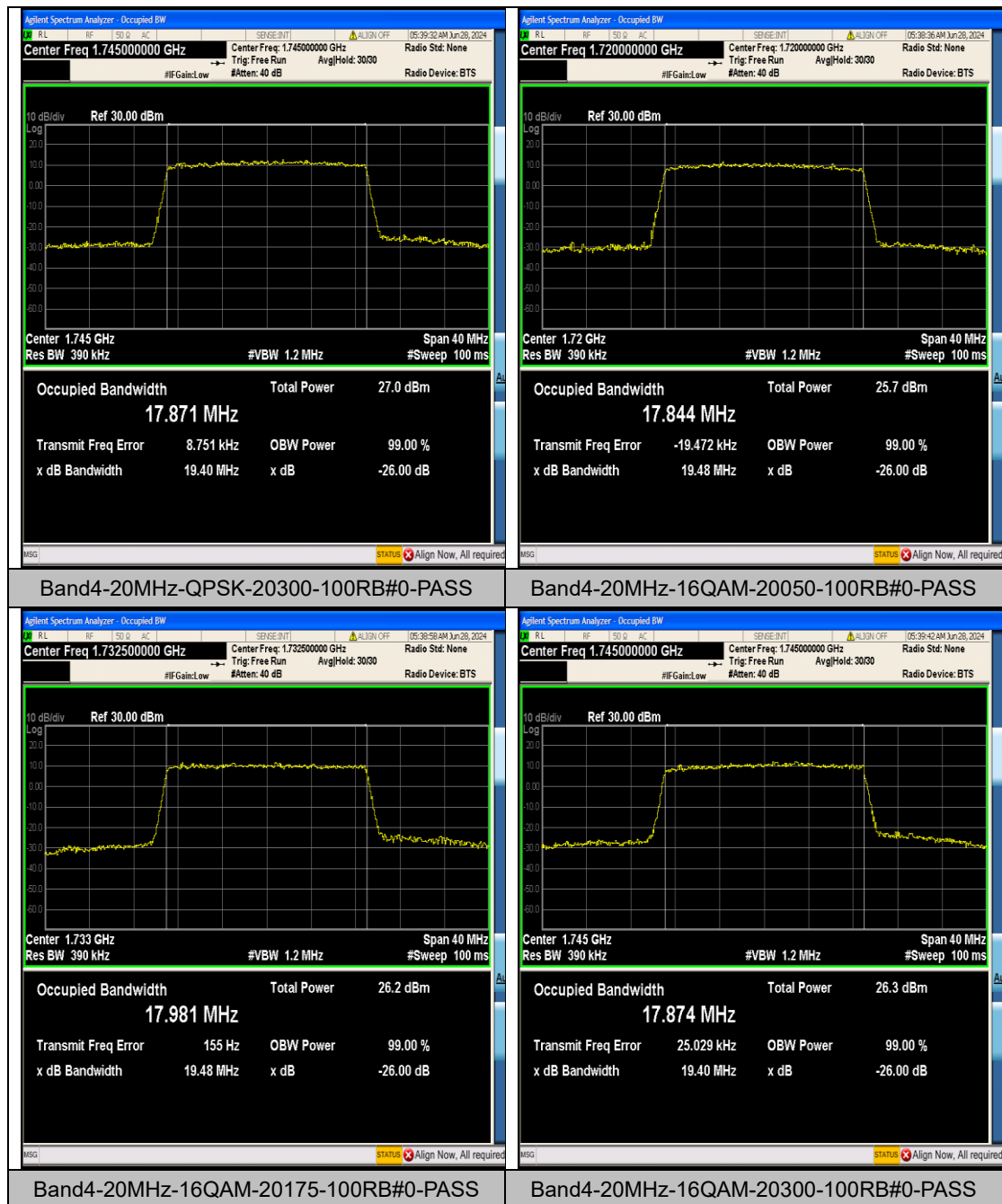












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-32.95	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-32.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-33.03	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-35.57	PASS
Band4	3MHz	QPSK	19965	15RB#0	-32.54	PASS
Band4	3MHz	QPSK	20385	15RB#0	-33.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	-33.22	PASS
Band4	3MHz	16QAM	20385	15RB#0	-34.96	PASS
Band4	5MHz	QPSK	19975	25RB#0	-34.45	PASS
Band4	5MHz	QPSK	20375	25RB#0	-31.48	PASS
Band4	5MHz	16QAM	19975	25RB#0	-34.12	PASS
Band4	5MHz	16QAM	20375	25RB#0	-34.98	PASS
Band4	10MHz	QPSK	20000	50RB#0	-37.62	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.36	PASS
Band4	10MHz	16QAM	20000	50RB#0	-37.34	PASS
Band4	10MHz	16QAM	20350	50RB#0	-34.67	PASS
Band4	15MHz	QPSK	20025	75RB#0	-39.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	-33.82	PASS
Band4	15MHz	16QAM	20025	75RB#0	-38.35	PASS
Band4	15MHz	16QAM	20325	75RB#0	-37.04	PASS
Band4	20MHz	QPSK	20050	100RB#0	-40.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	-35.21	PASS
Band4	20MHz	16QAM	20050	100RB#0	-38.97	PASS
Band4	20MHz	16QAM	20300	100RB#0	-36.68	PASS

Test Graphs

