

FCC LTE Band Test Data

FCC ID : 2BCQ3FLY100

Company: : A3 MOBILE SAS

EUT : Mobile Phone

Model Number : FY-100

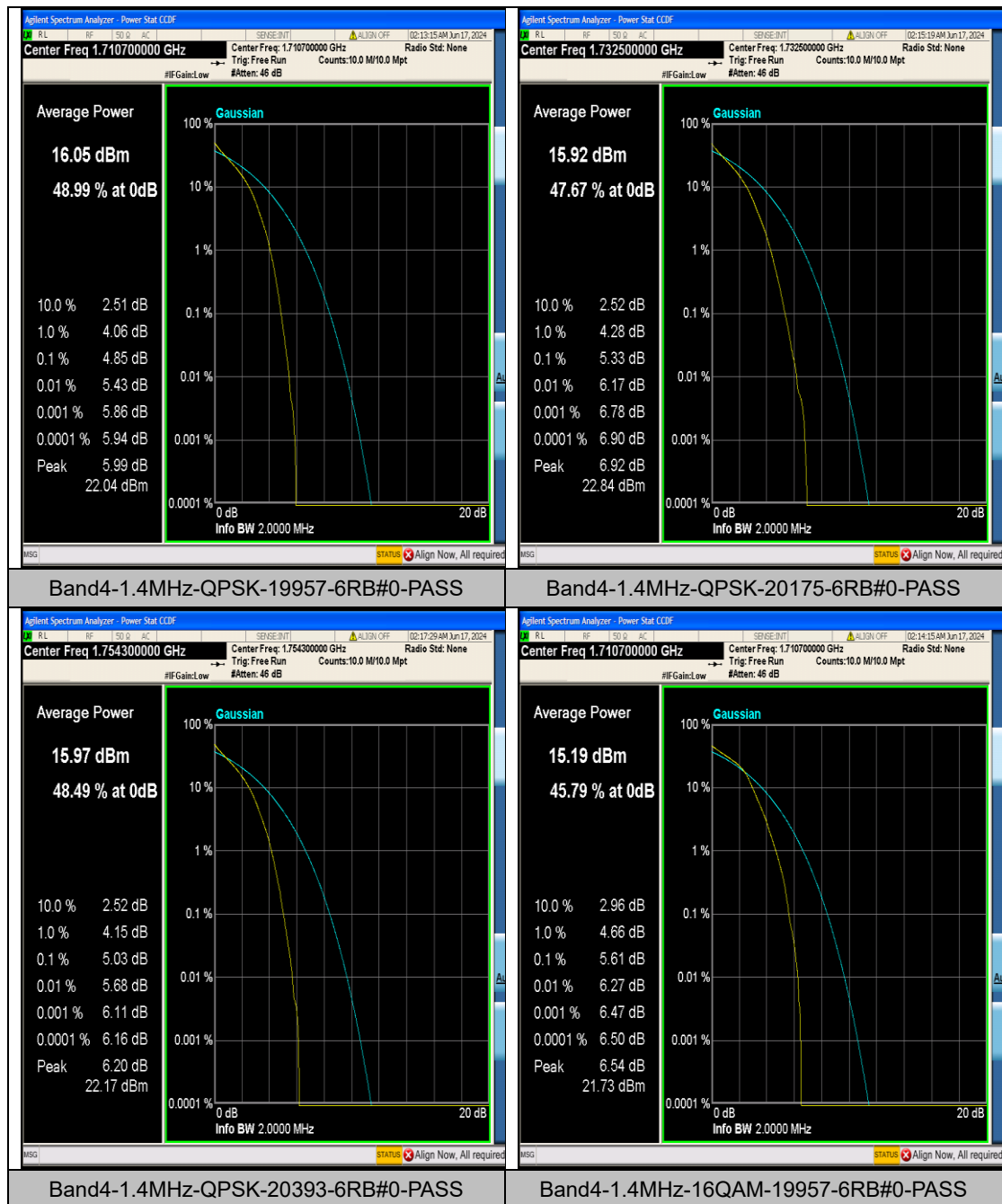
Reviewed By : Eric Wang

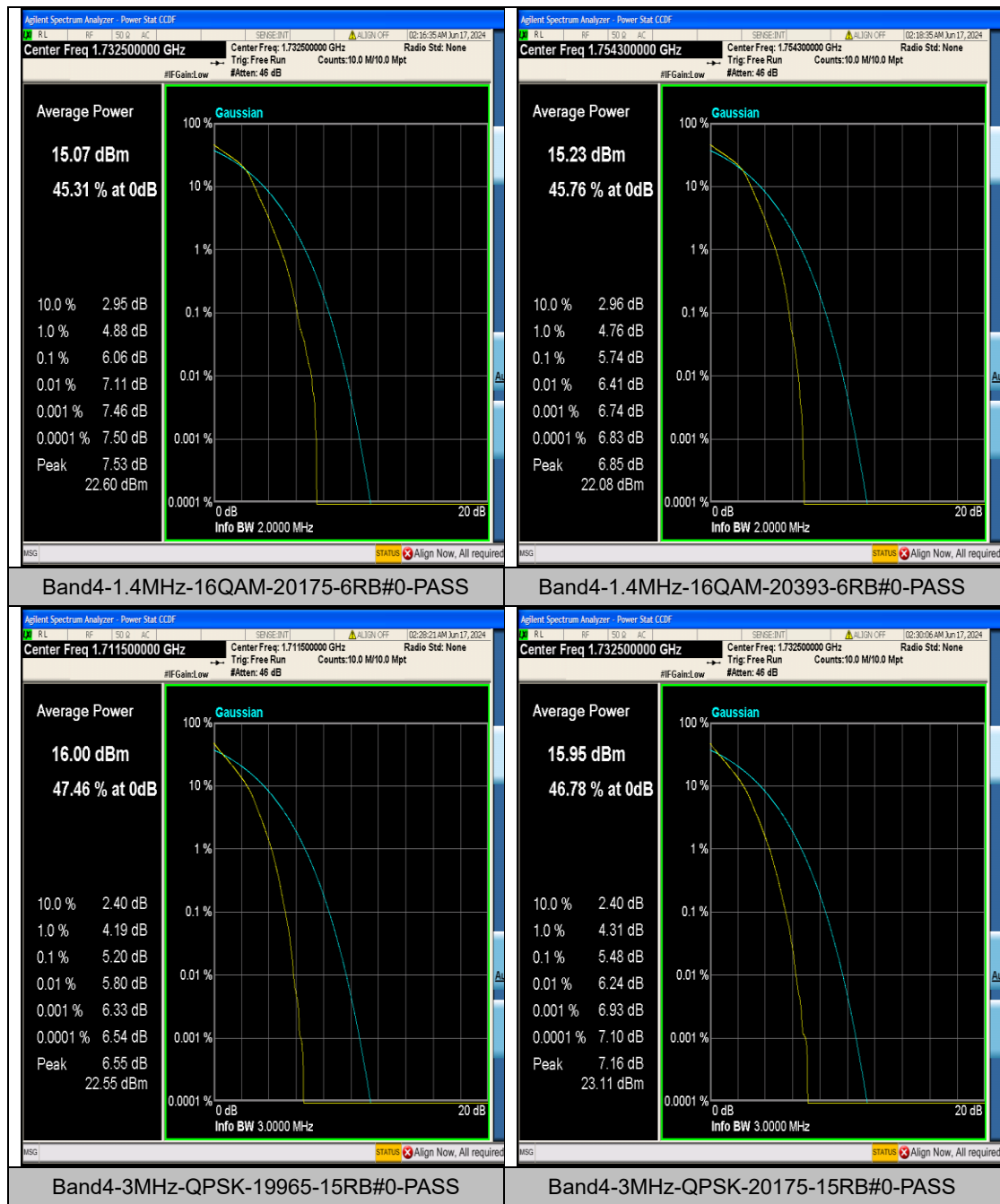
Appendix B: Peak-to-Average Ratio(CCDF)

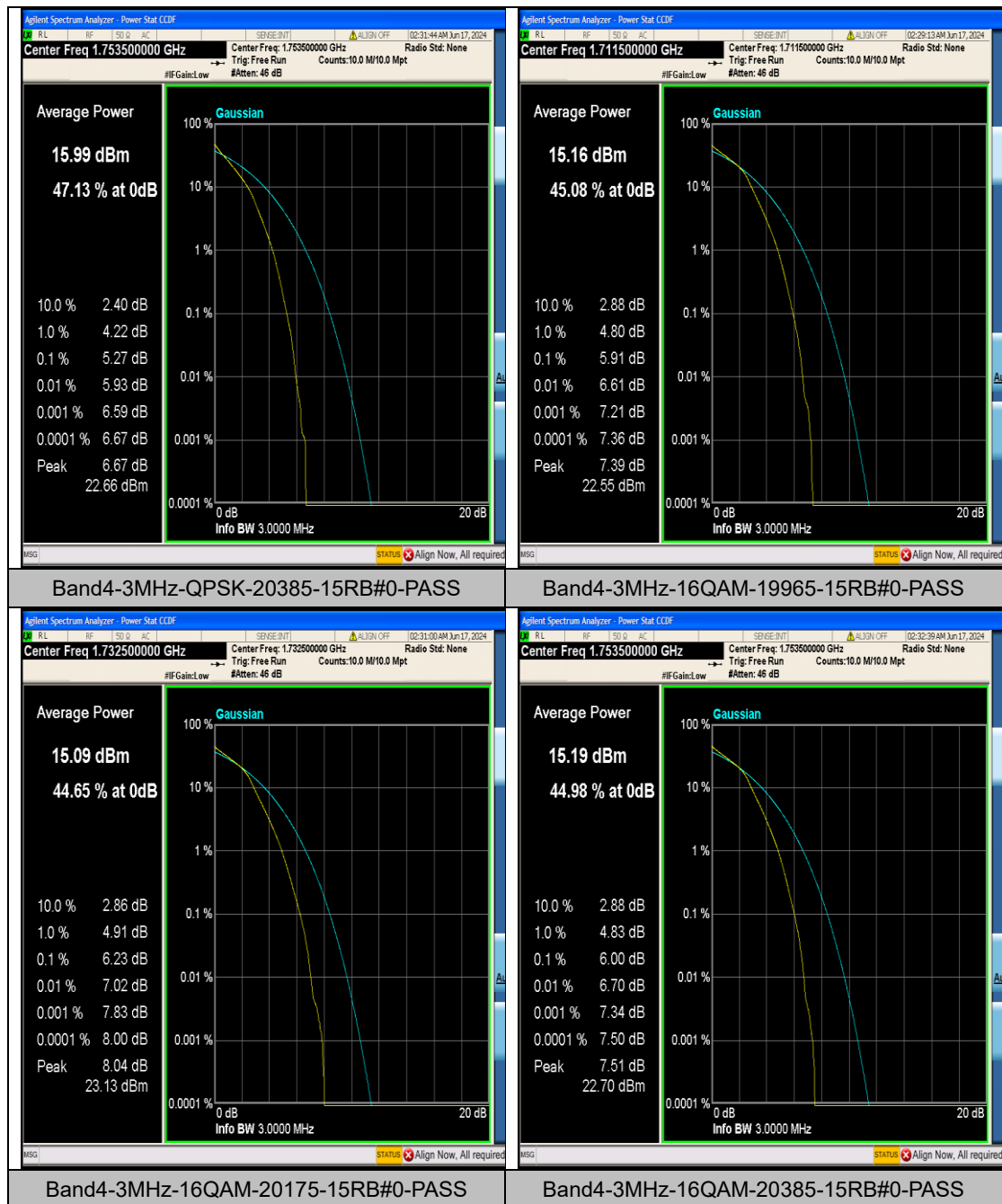
Test Result

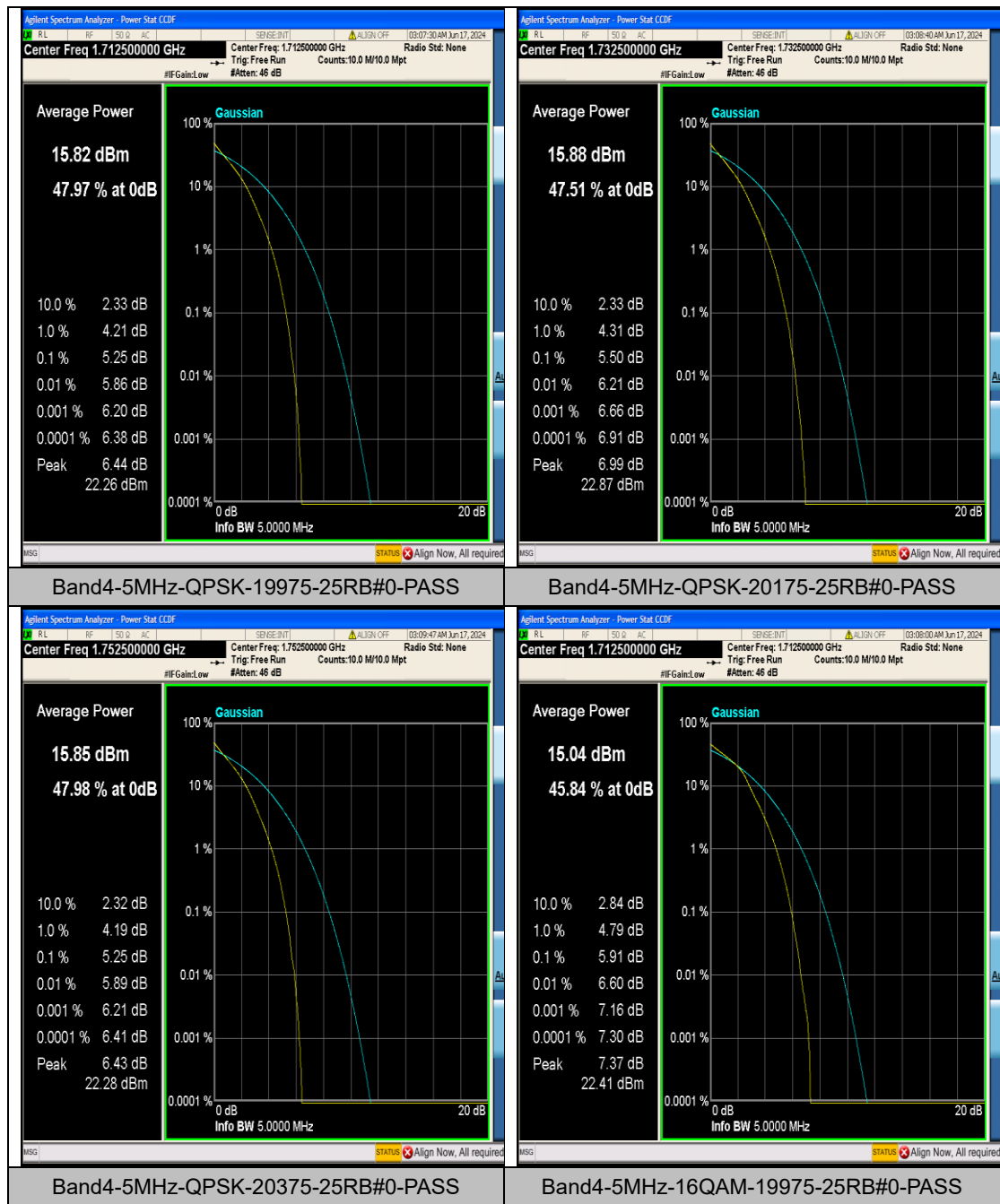
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.85	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.33	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.03	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.61	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.06	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.74	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.20	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.48	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.27	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.91	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.23	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.00	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.25	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.50	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.25	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.91	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.14	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.90	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.33	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.51	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.23	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.04	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.20	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.71	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.80	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.50	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.19	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.27	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.00	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.49	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.47	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.27	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	5.98	13	PASS

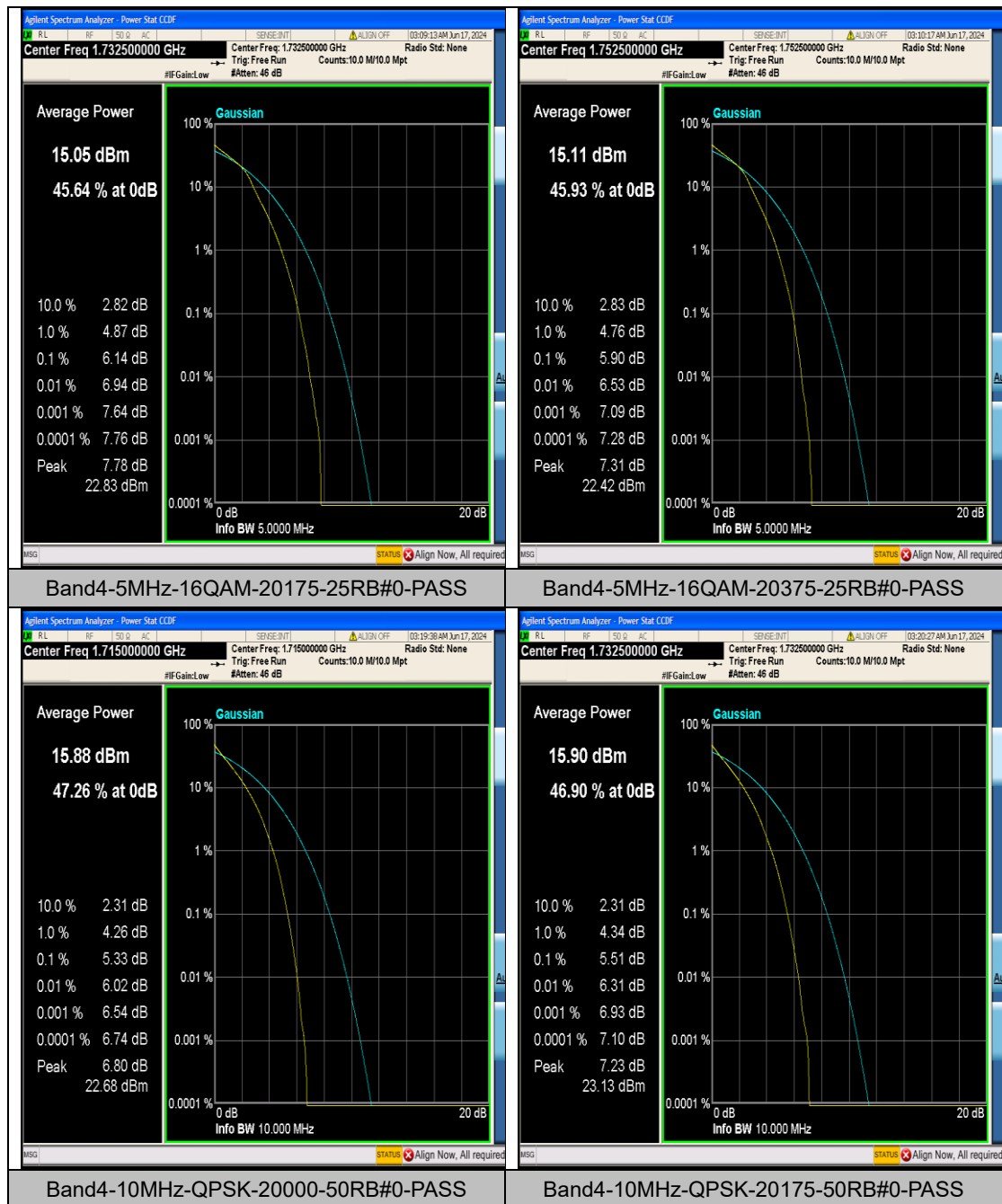
Test Graphs

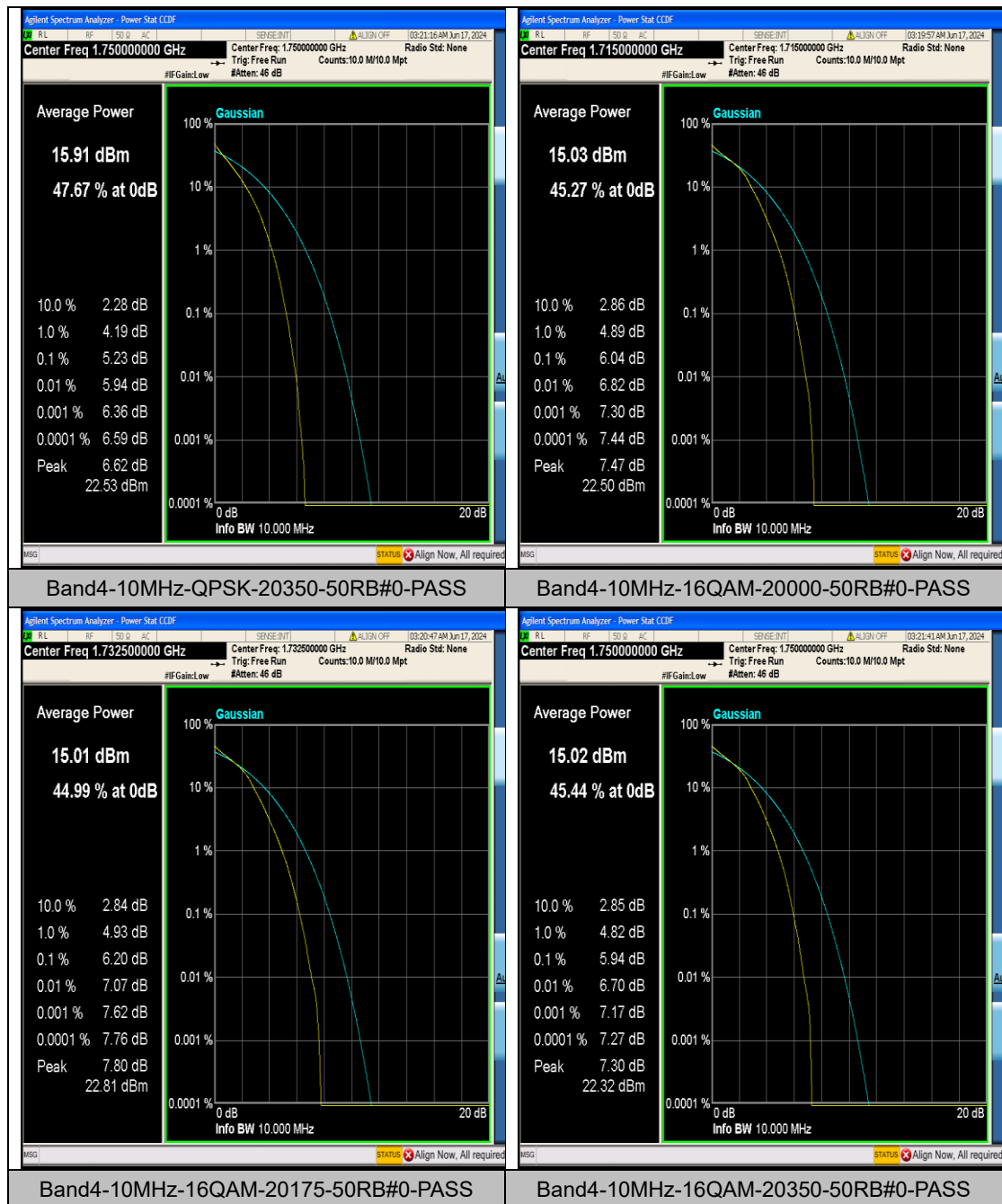


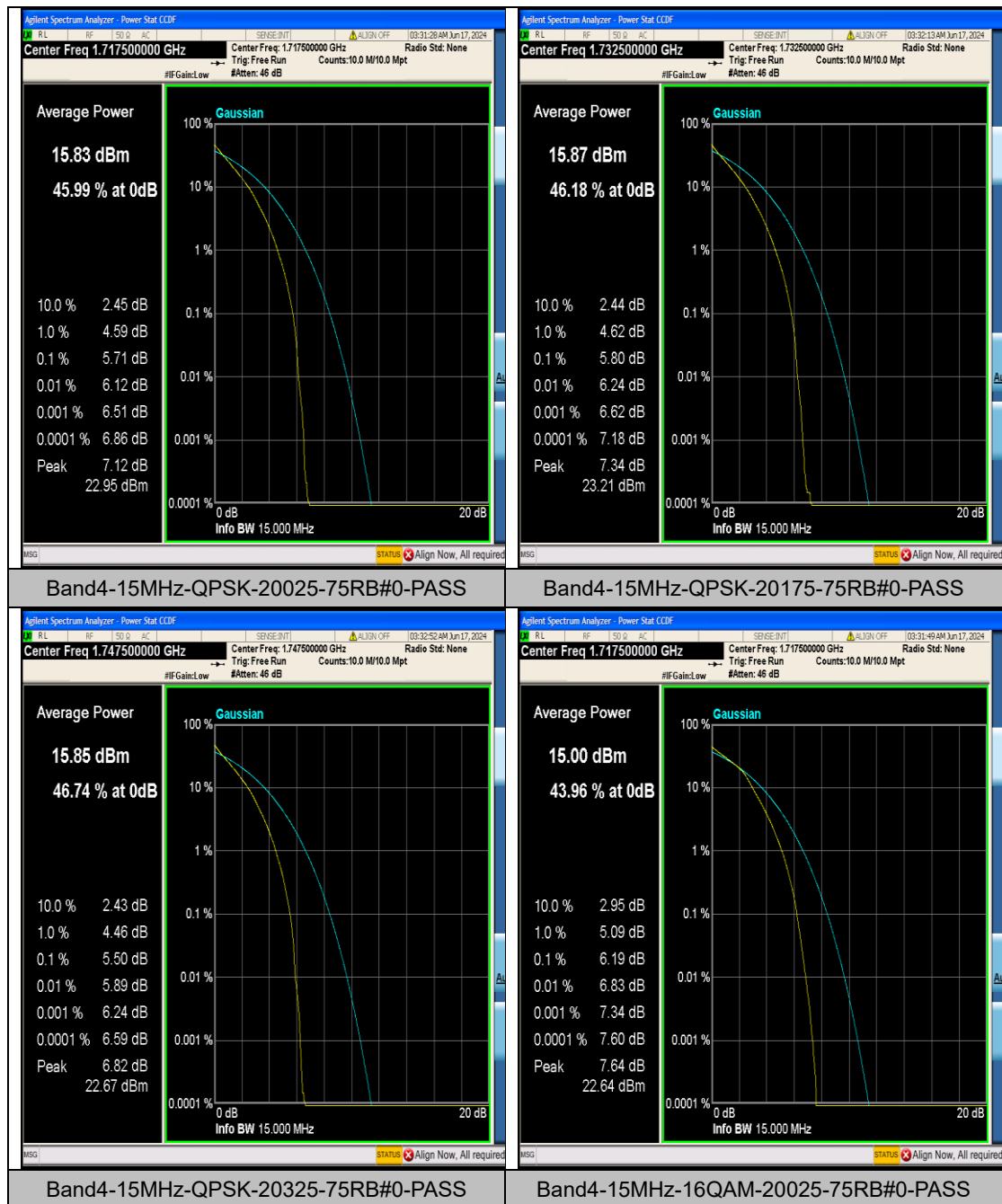


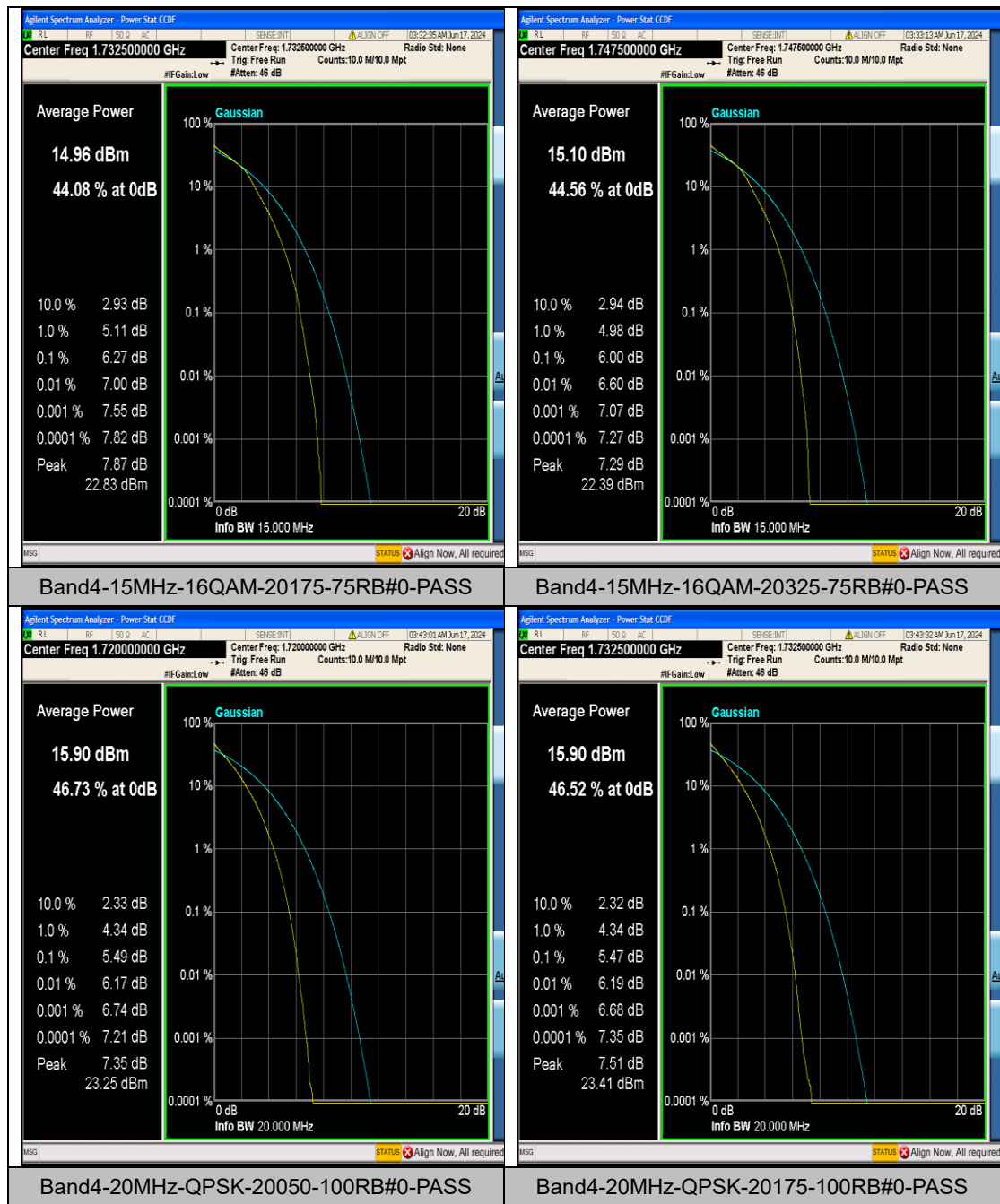


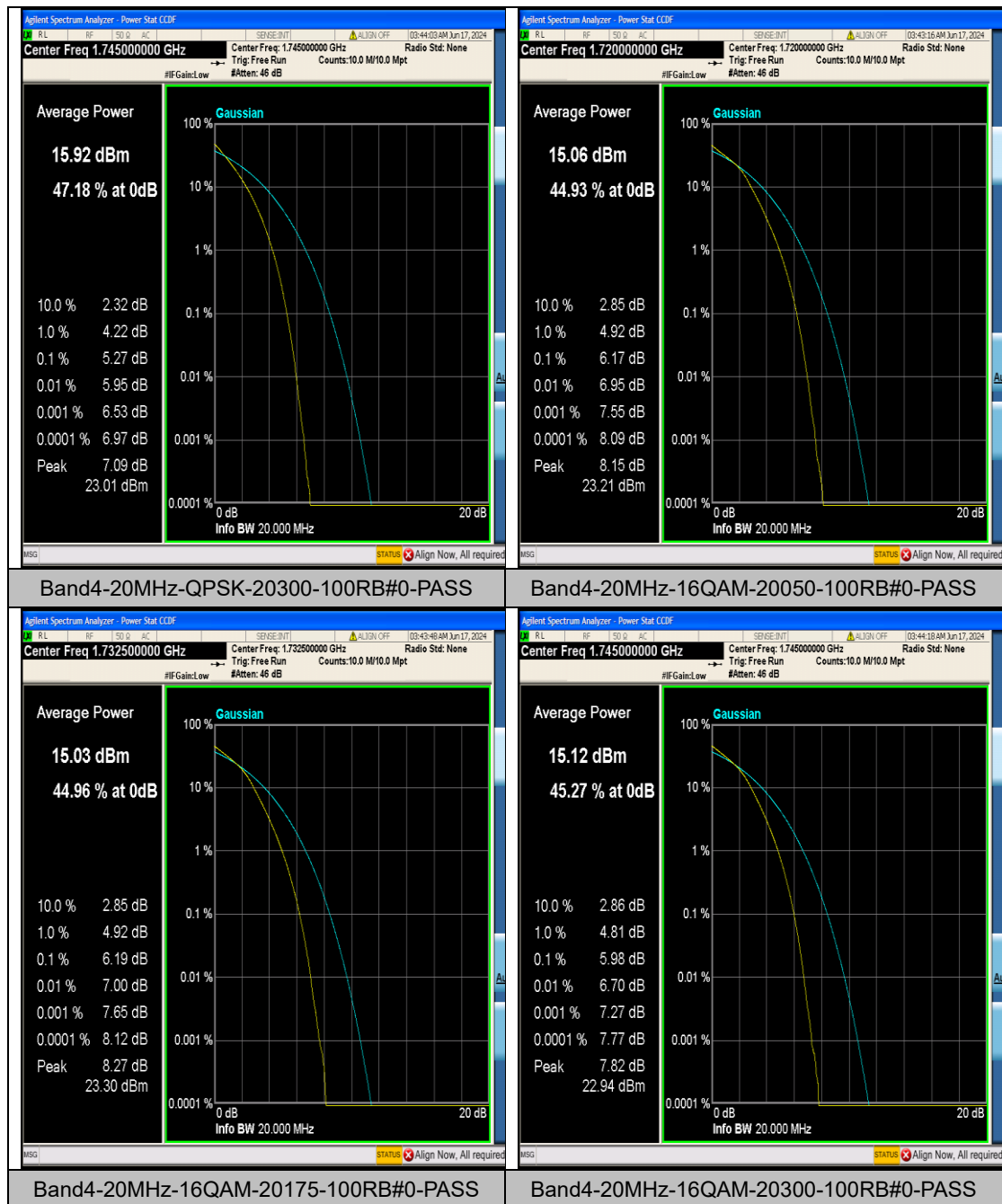












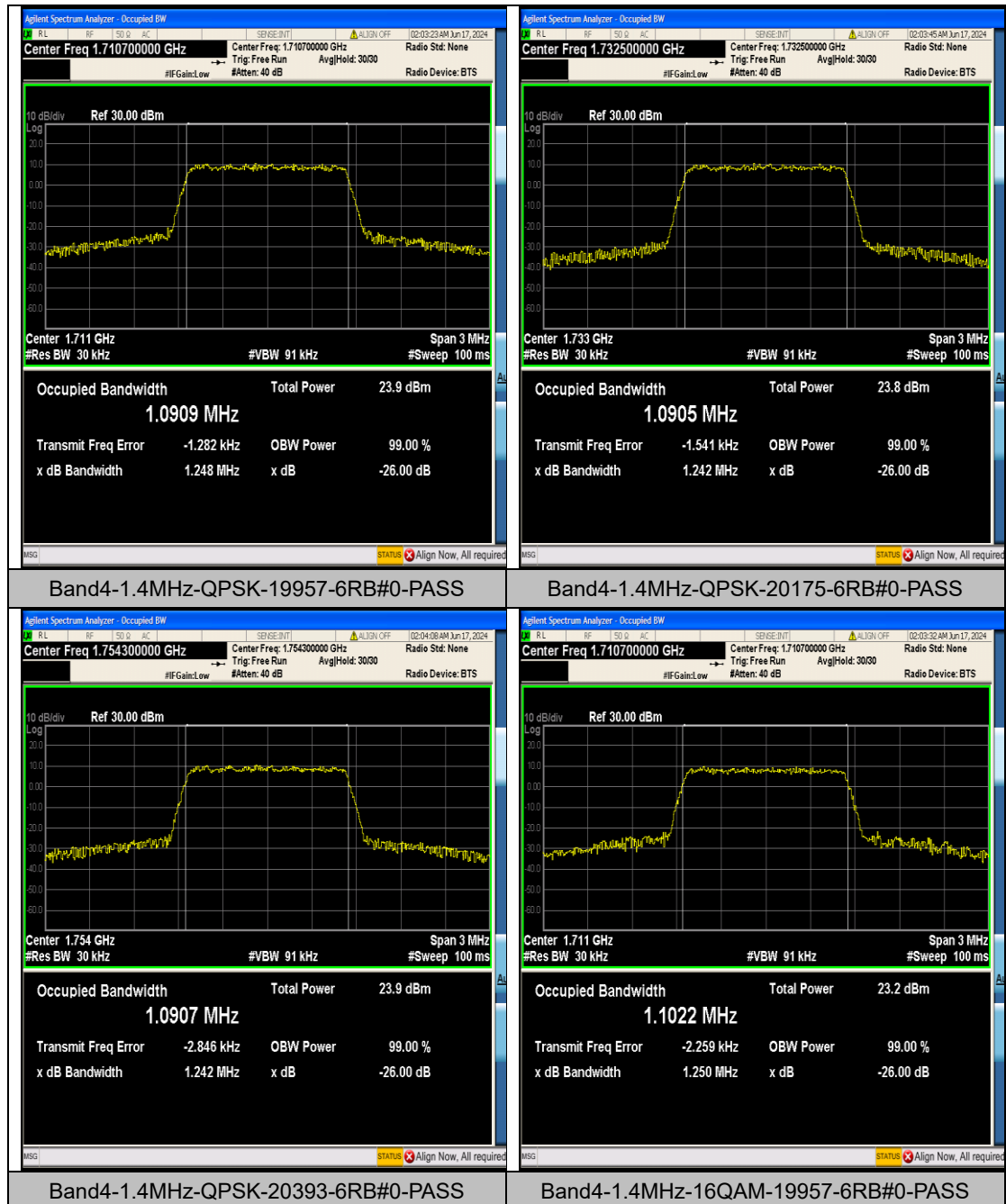
Appendix C: 26dB Bandwidth and Occupied Bandwidth

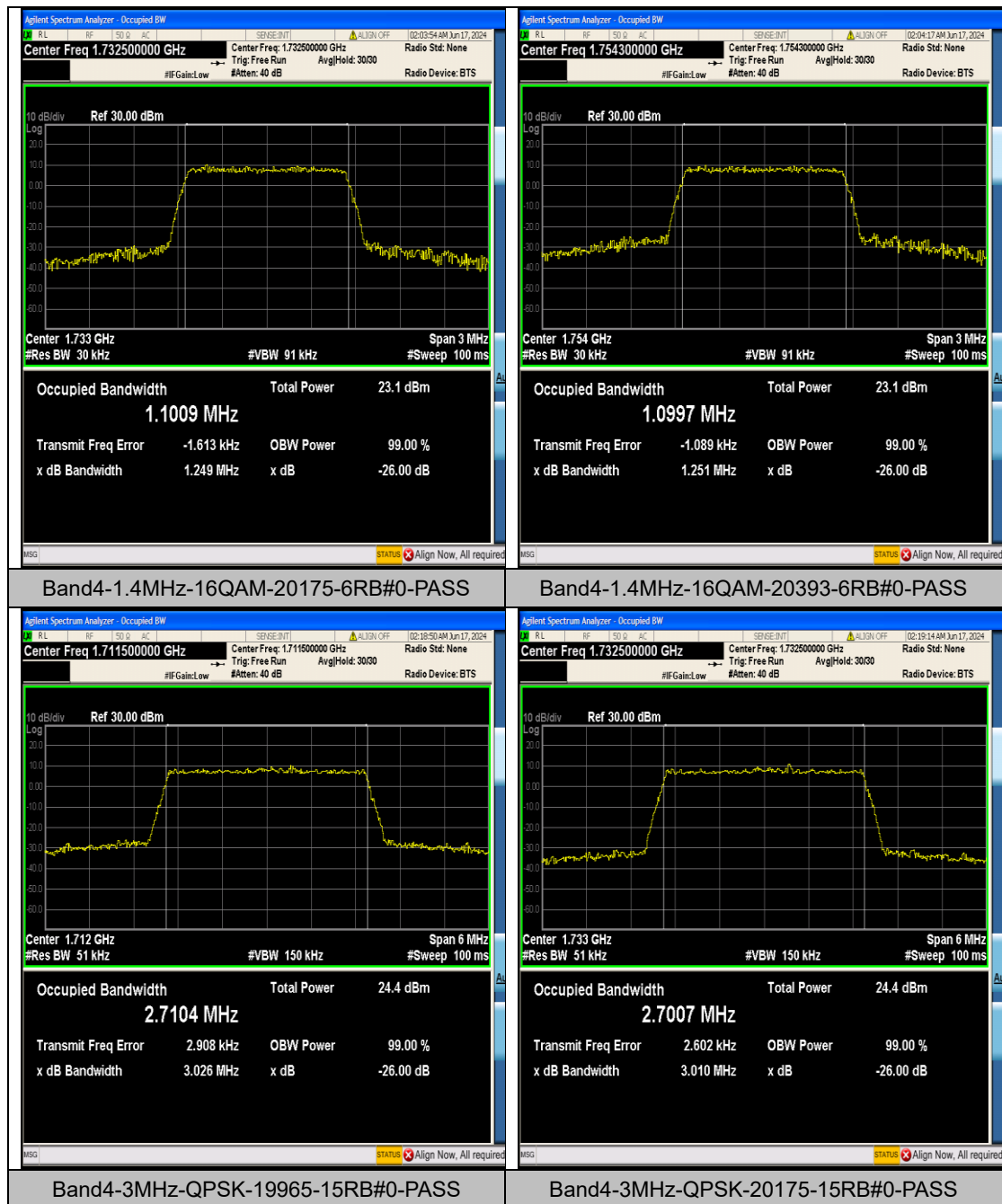
Test Result

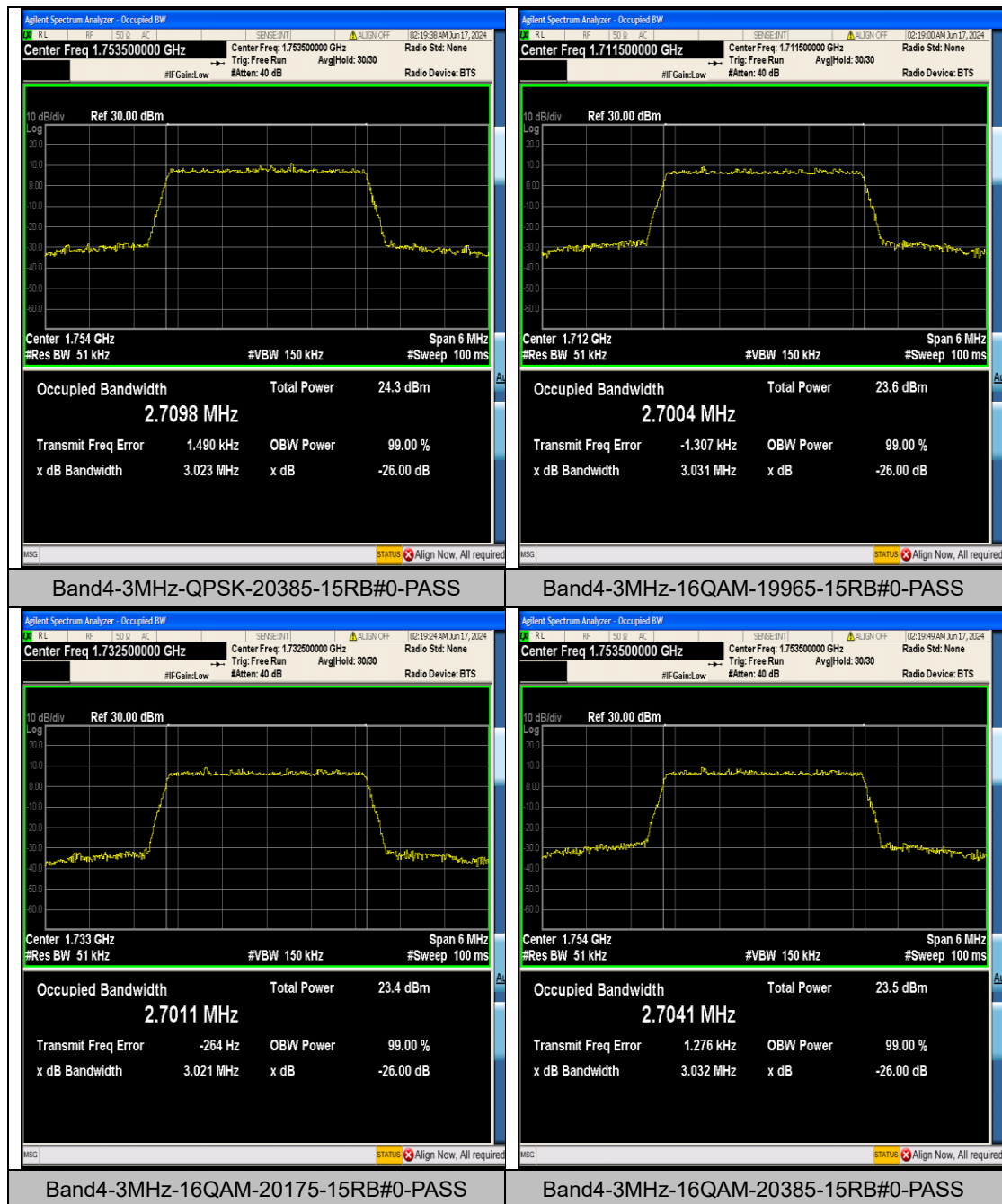
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0909	1.248	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0905	1.242	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0907	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1022	1.250	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1009	1.249	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0997	1.251	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7104	3.026	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7007	3.010	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7098	3.023	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7004	3.031	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7011	3.021	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7041	3.032	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5099	4.984	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5054	4.973	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5096	4.984	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5074	4.960	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5014	4.957	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5013	4.962	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9945	9.898	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0050	9.897	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9940	9.959	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9947	9.928	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9930	9.939	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9944	9.930	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.500	14.95	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.515	14.91	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.501	14.95	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.489	14.86	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.509	14.98	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.491	14.96	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.996	19.65	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.004	19.78	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.978	19.71	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.987	19.71	PASS

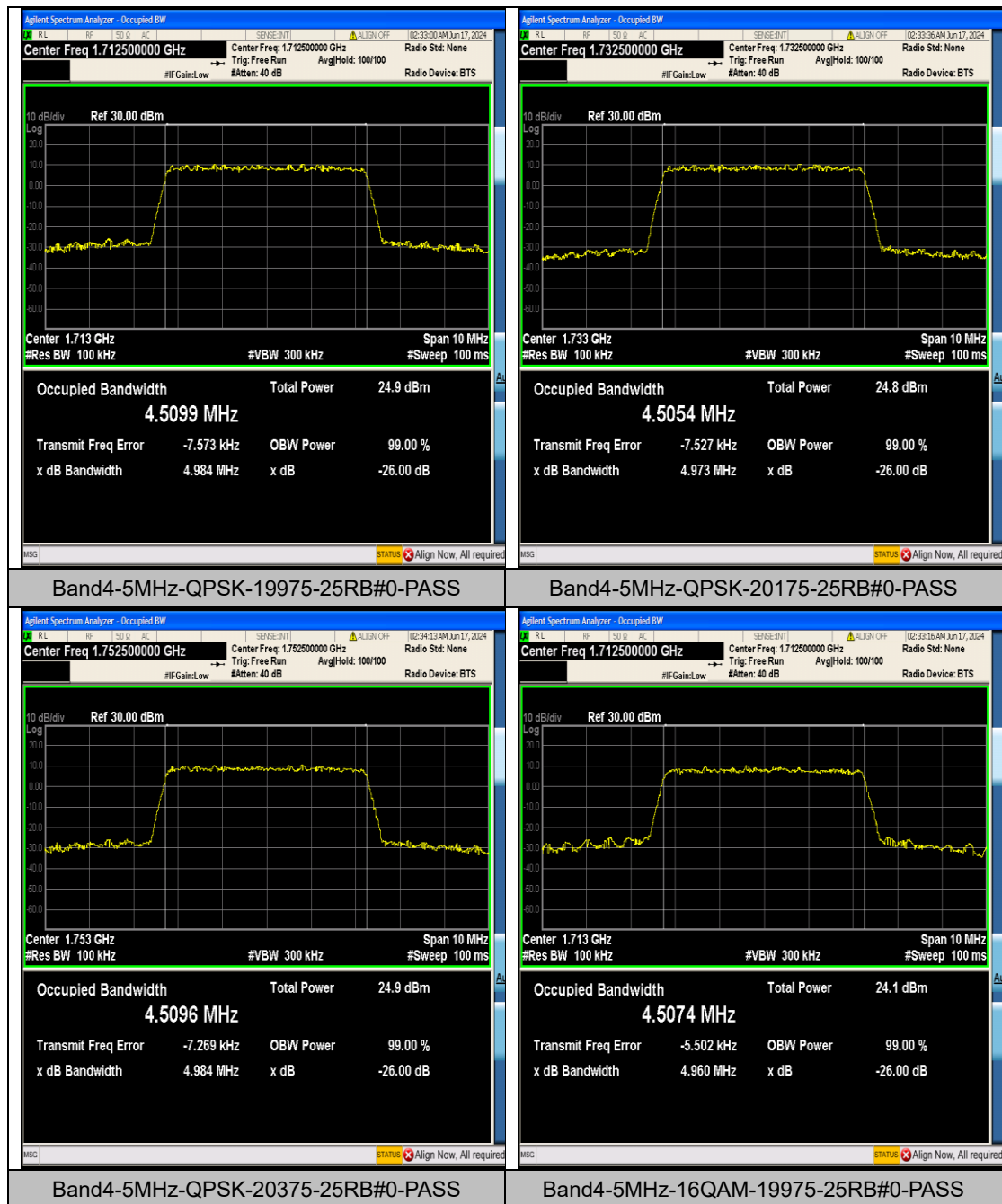
Band4	20MHz	16QAM	20175	100RB#0	18.042	19.69	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.018	19.65	PASS

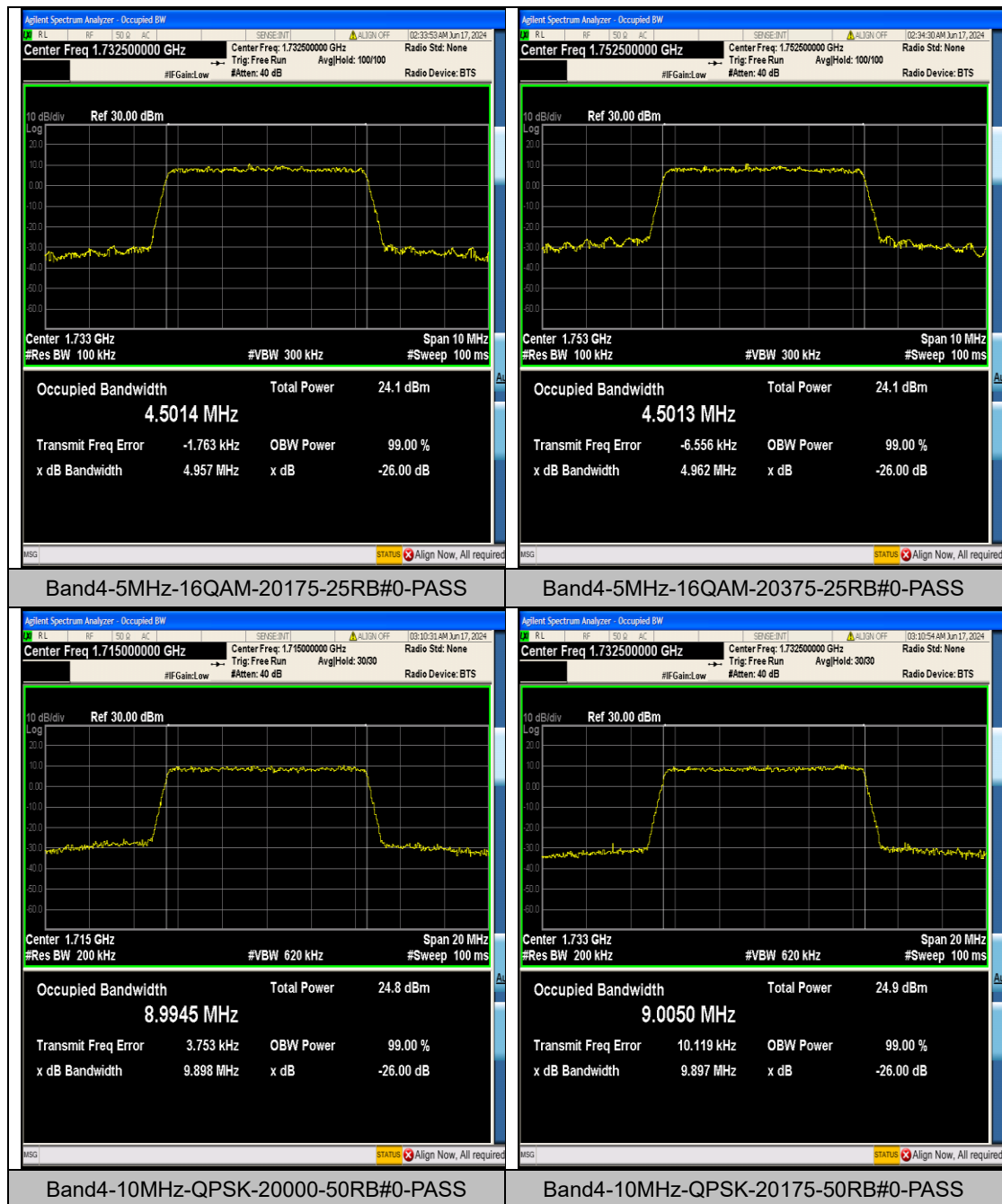
Test Graphs

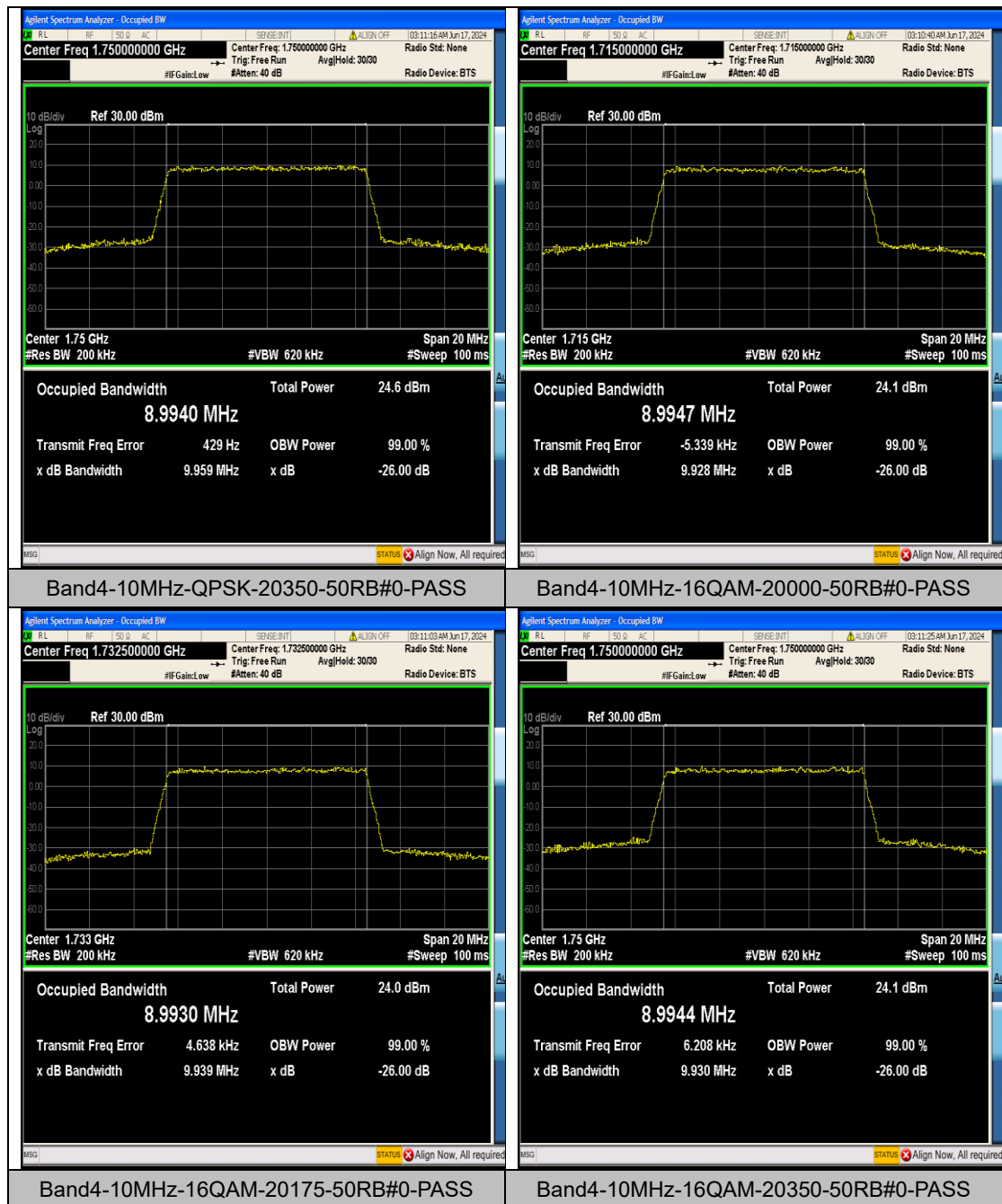


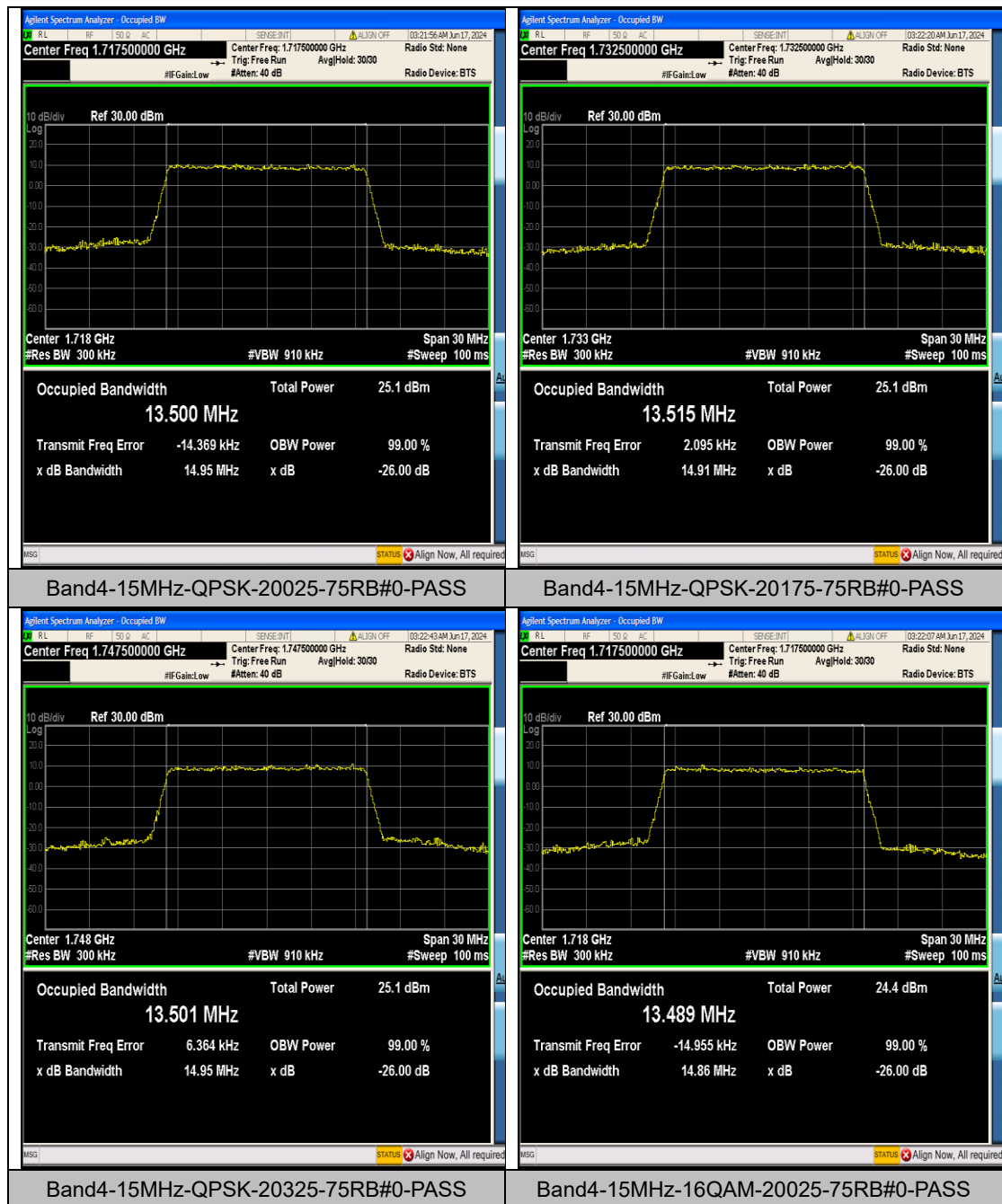


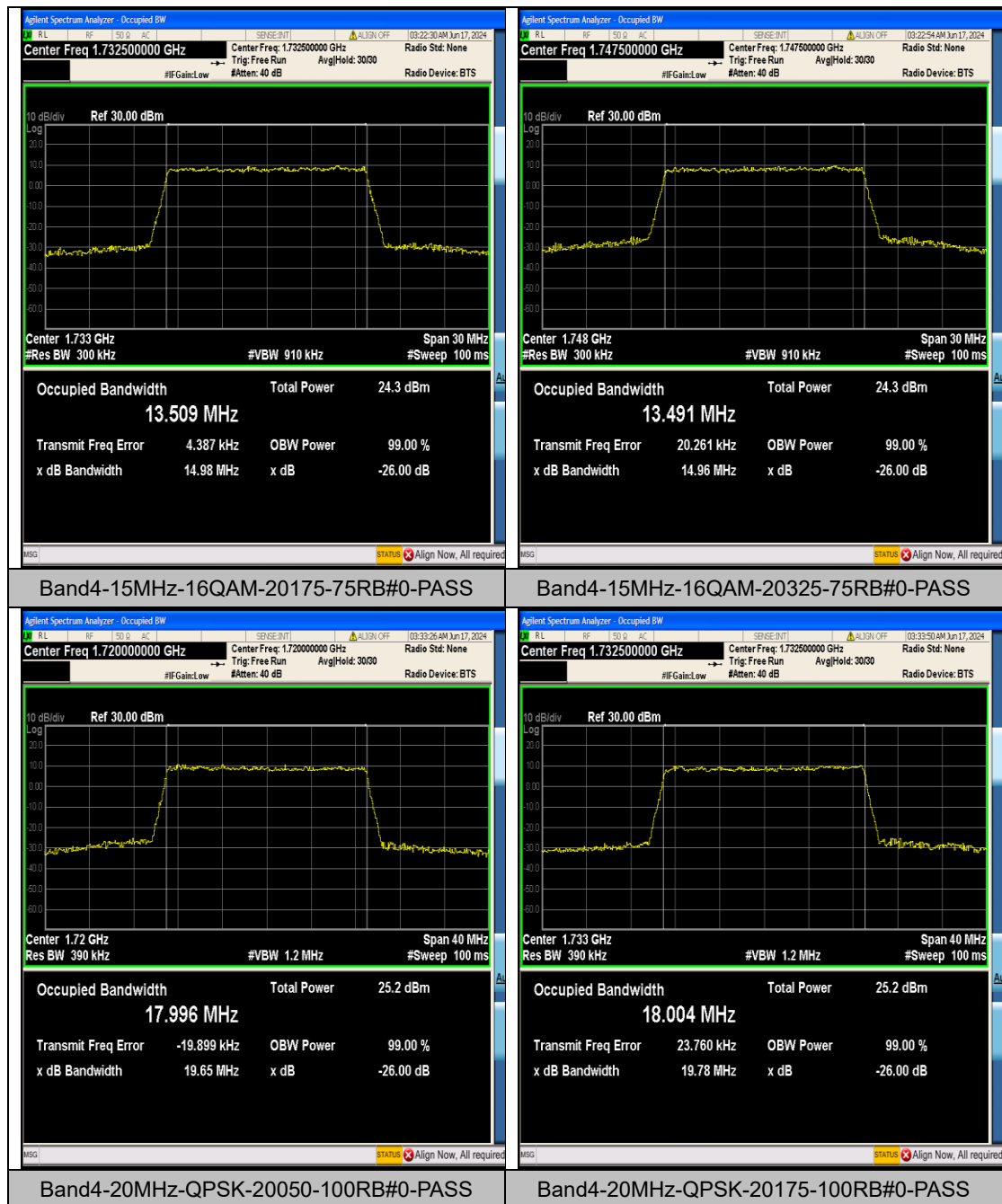


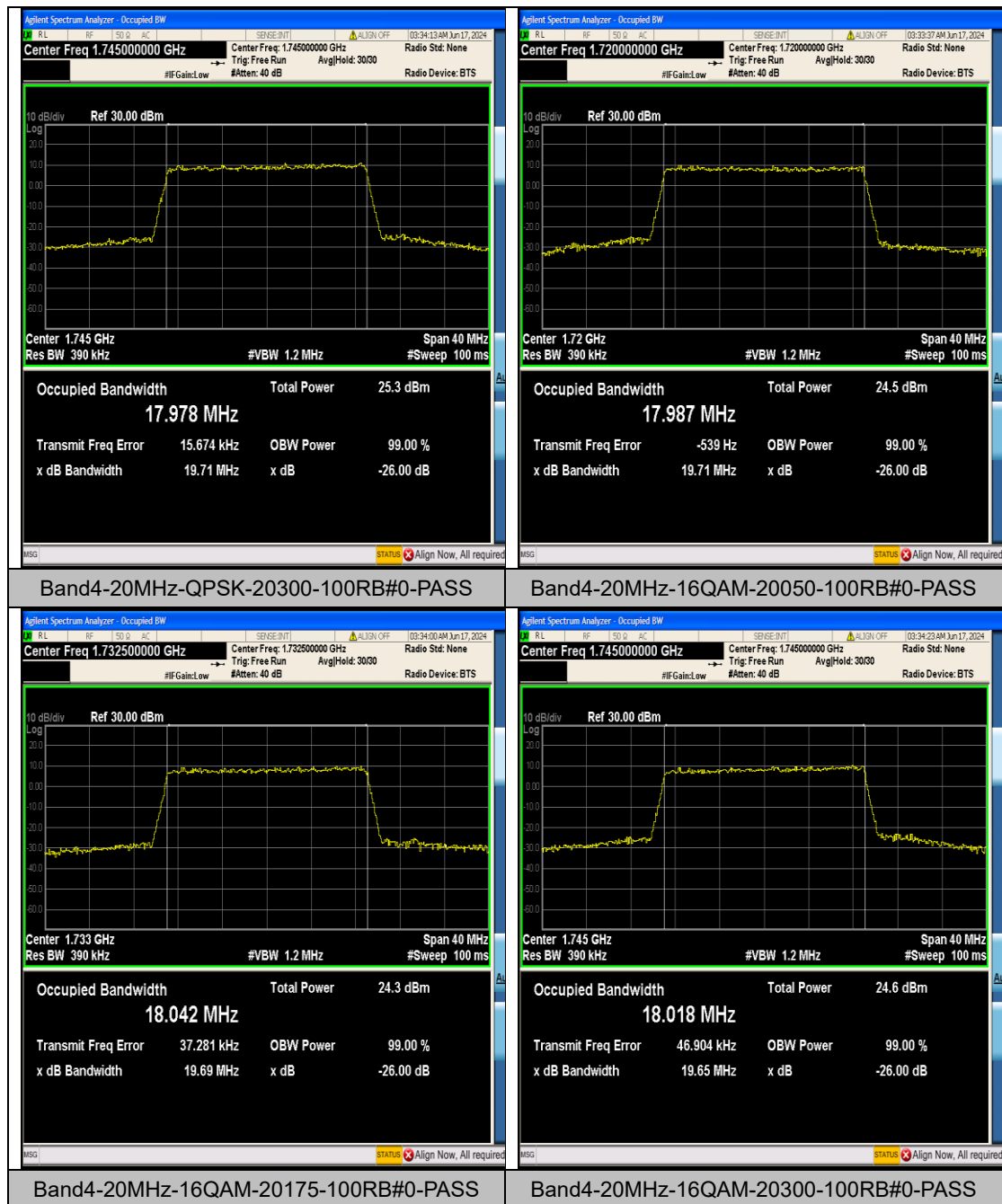












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-35.77	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-35.44	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-37.77	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-39.26	PASS
Band4	3MHz	QPSK	19965	15RB#0	-34.06	PASS
Band4	3MHz	QPSK	20385	15RB#0	-35.59	PASS
Band4	3MHz	16QAM	19965	15RB#0	-35.20	PASS
Band4	3MHz	16QAM	20385	15RB#0	-36.39	PASS
Band4	5MHz	QPSK	19975	25RB#0	-35.52	PASS
Band4	5MHz	QPSK	20375	25RB#0	-35.97	PASS
Band4	5MHz	16QAM	19975	25RB#0	-37.87	PASS
Band4	5MHz	16QAM	20375	25RB#0	-38.73	PASS
Band4	10MHz	QPSK	20000	50RB#0	-37.11	PASS
Band4	10MHz	QPSK	20350	50RB#0	-36.95	PASS
Band4	10MHz	16QAM	20000	50RB#0	-39.53	PASS
Band4	10MHz	16QAM	20350	50RB#0	-39.12	PASS
Band4	15MHz	QPSK	20025	75RB#0	-36.51	PASS
Band4	15MHz	QPSK	20325	75RB#0	-34.41	PASS
Band4	15MHz	16QAM	20025	75RB#0	-38.25	PASS
Band4	15MHz	16QAM	20325	75RB#0	-37.87	PASS
Band4	20MHz	QPSK	20050	100RB#0	-37.52	PASS
Band4	20MHz	QPSK	20300	100RB#0	-36.22	PASS
Band4	20MHz	16QAM	20050	100RB#0	-39.45	PASS
Band4	20MHz	16QAM	20300	100RB#0	-38.88	PASS

Test Graphs

