

FCC LTE Band Test Data

FCC ID : 2A7YZ-CUL8JN

Company: : Shenzhen Alldocube Science and Technology Co., Ltd.

EUT : Pad

Model Number : CUL8JN

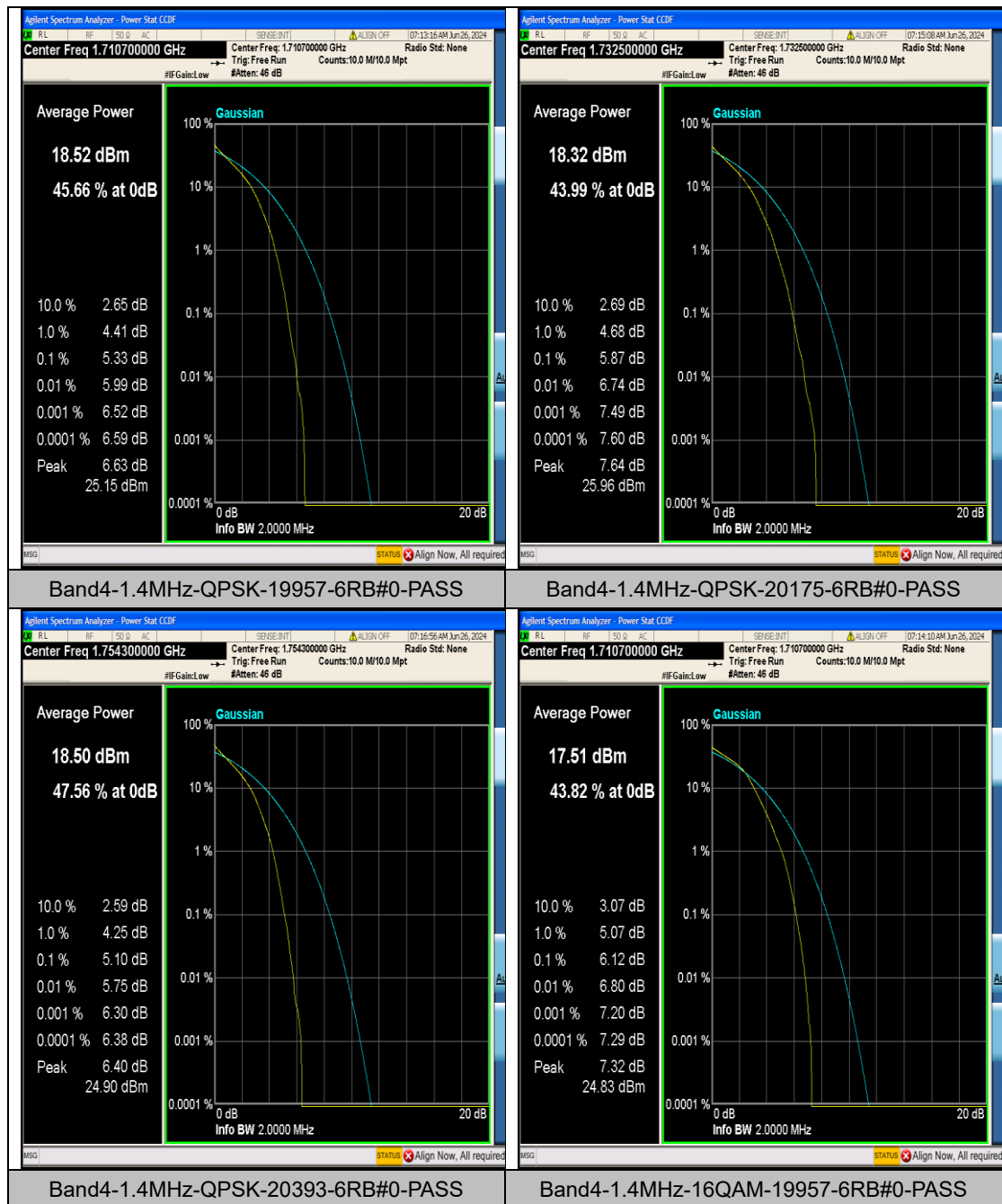
Reviewed By : Eric Wang

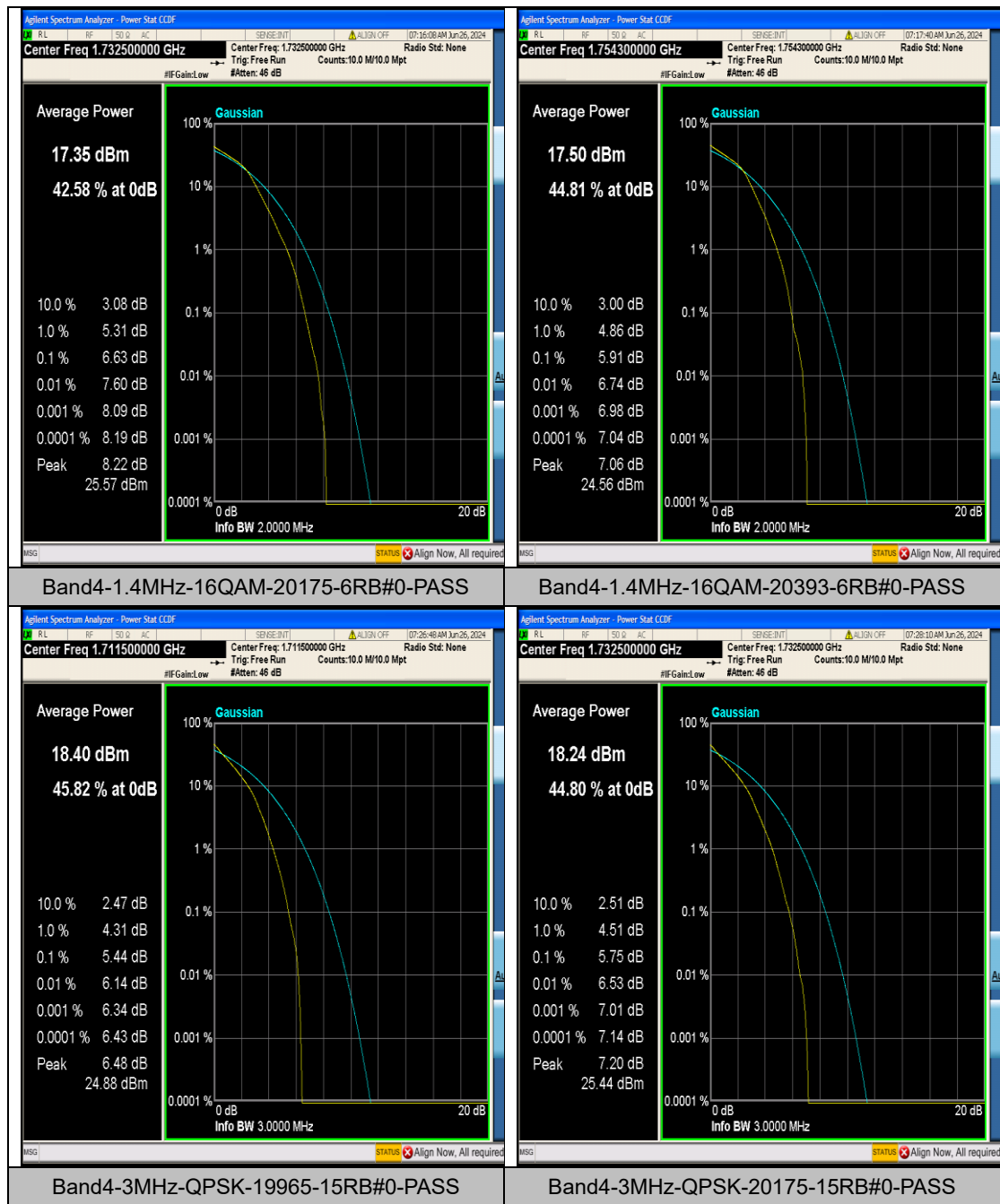
Appendix B: Peak-to-Average Ratio(CCDF)

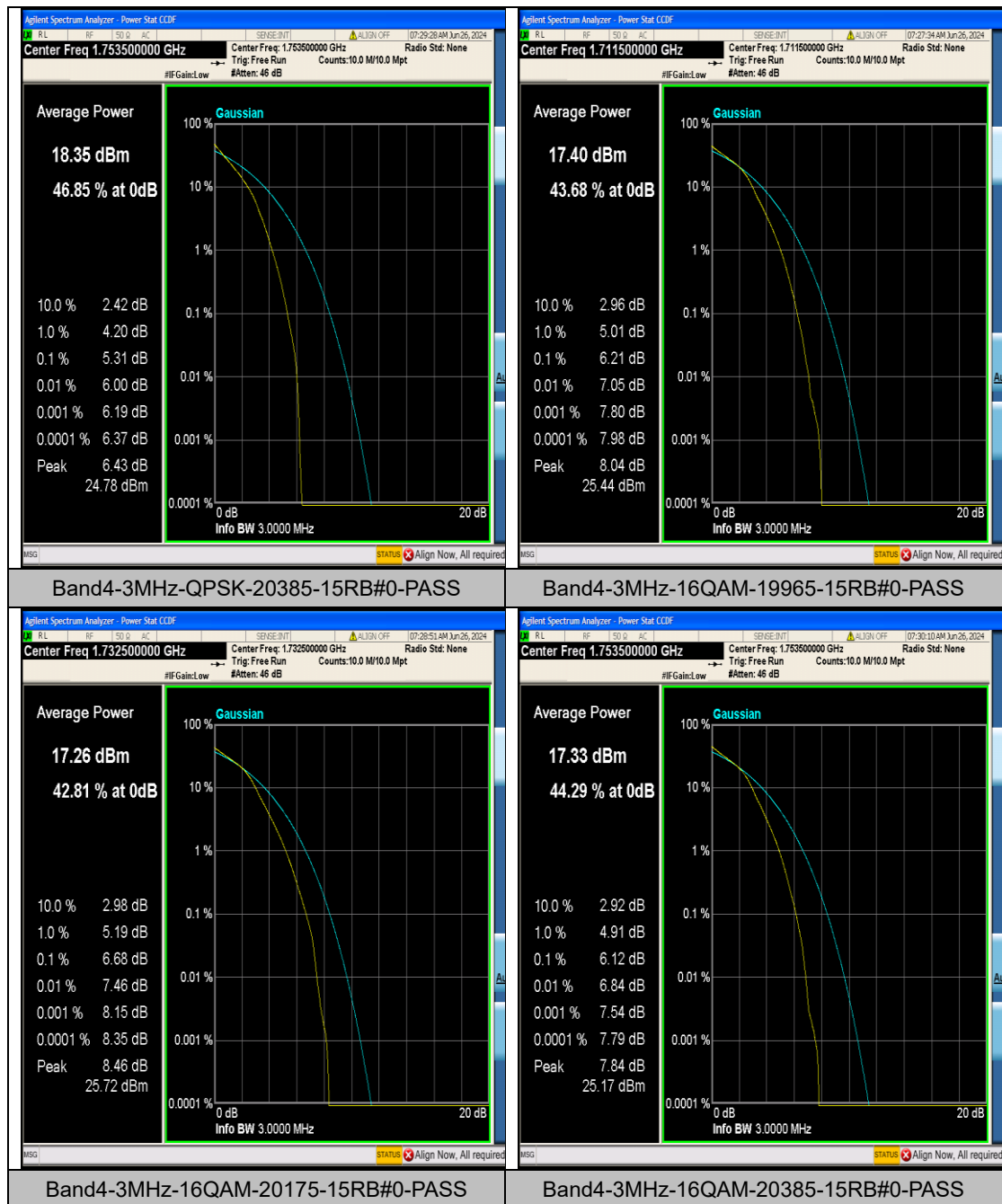
Test Result

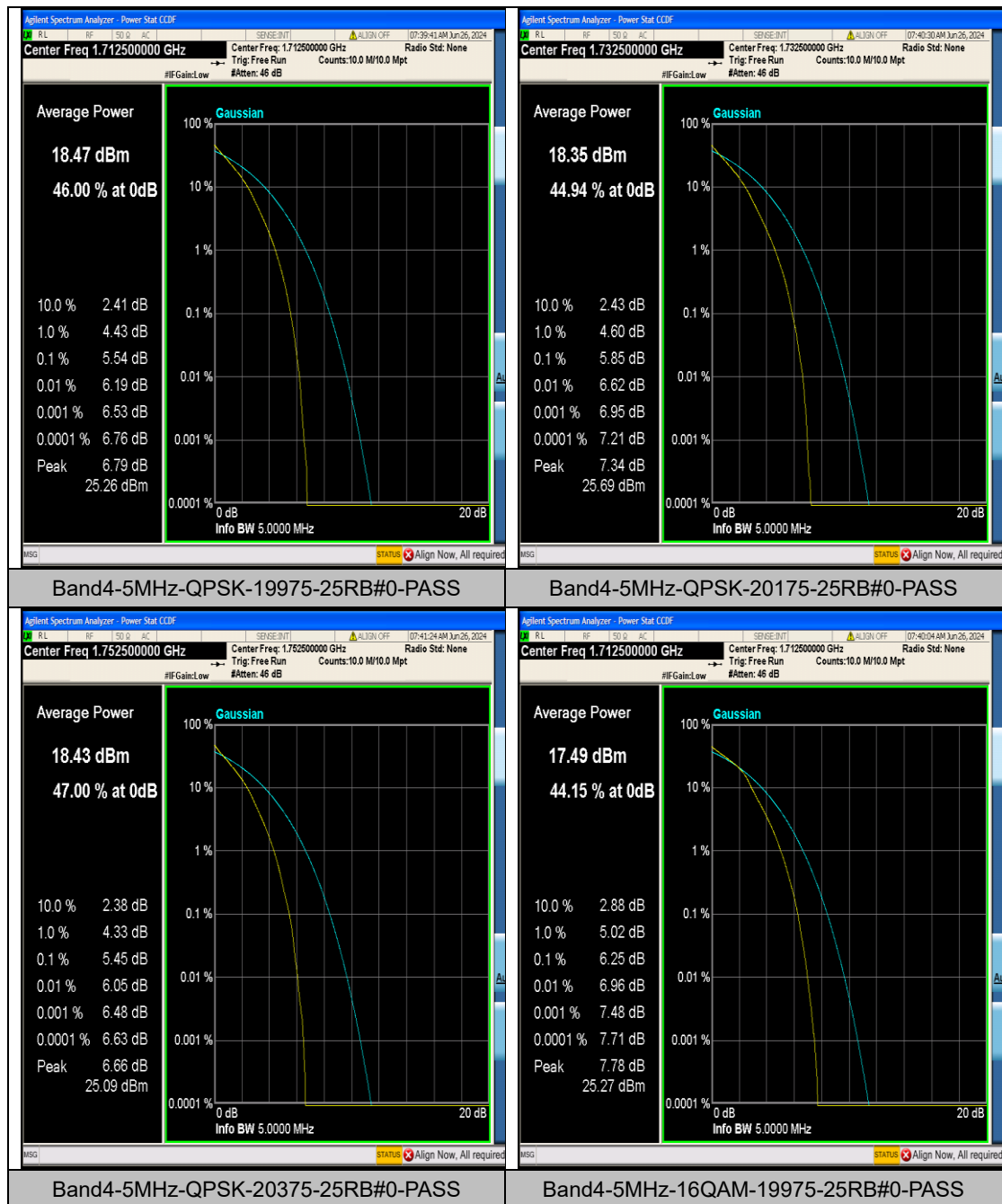
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.33	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.87	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.10	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.12	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.63	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.91	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.44	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.75	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.31	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.21	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.68	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.12	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.54	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.85	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.45	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.25	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.58	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	6.11	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.53	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.84	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.39	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.29	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.59	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.16	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	6.18	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.77	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.46	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.67	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.31	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.68	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.79	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.50	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.47	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.56	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.29	13	PASS

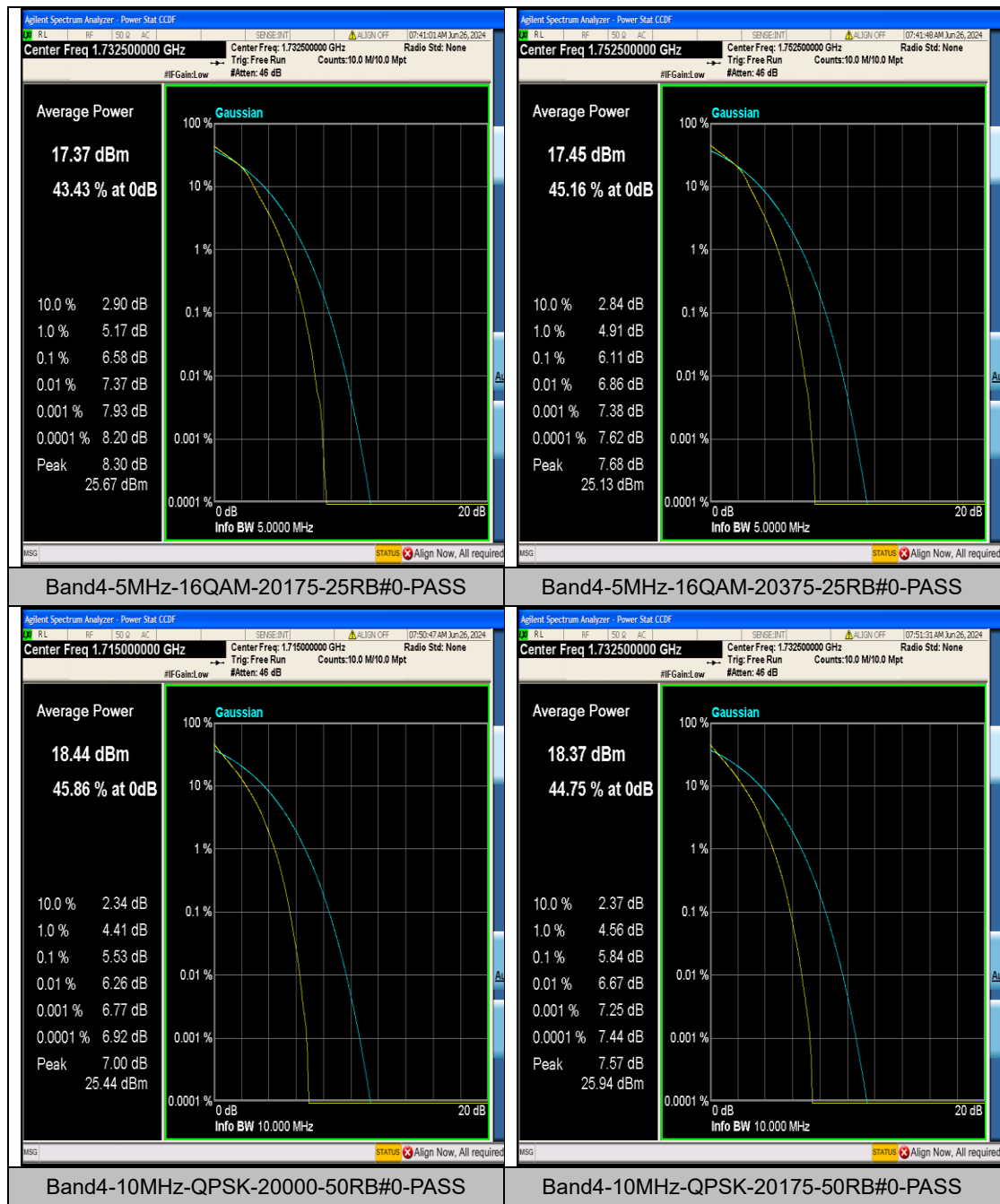
Test Graphs

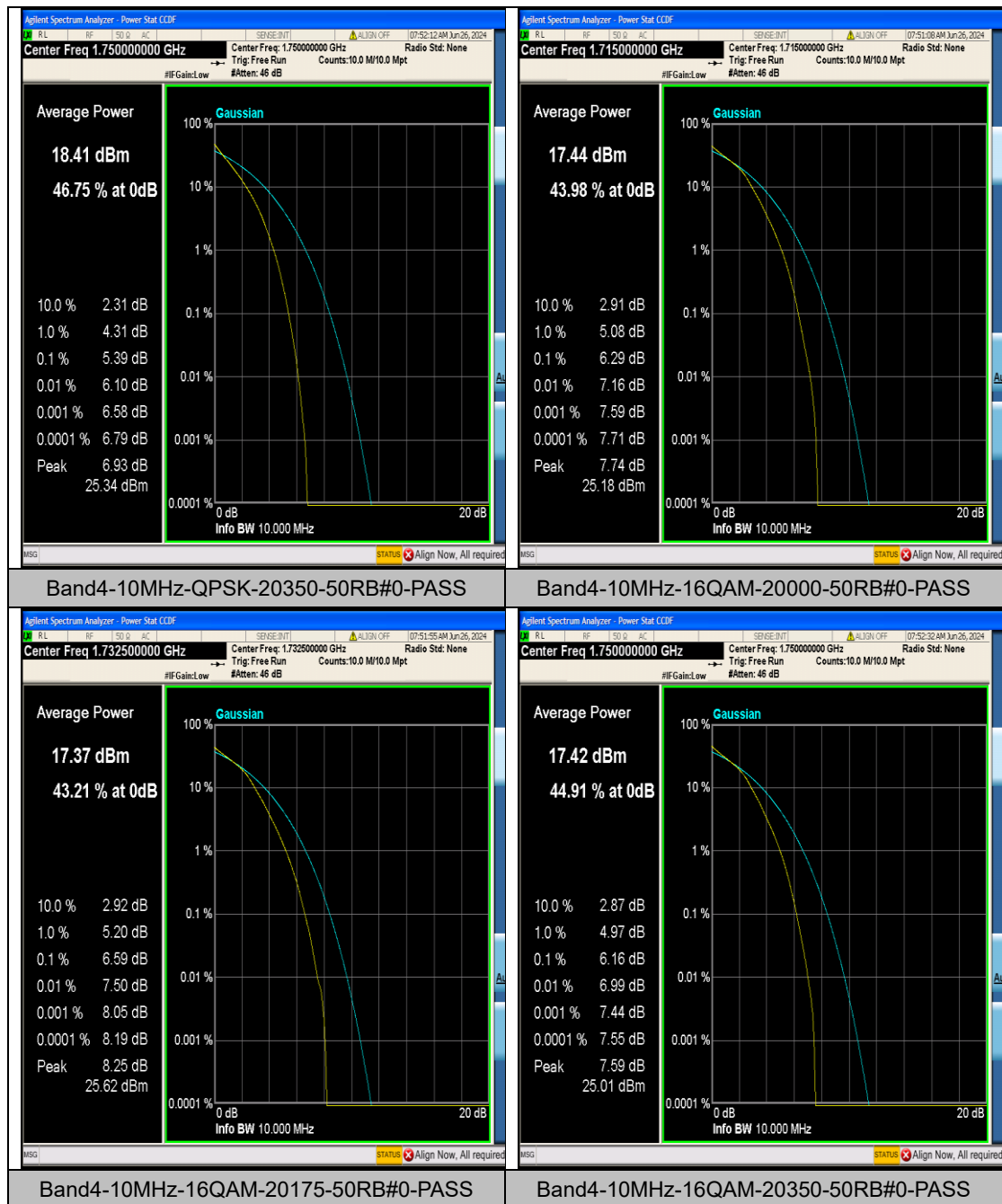


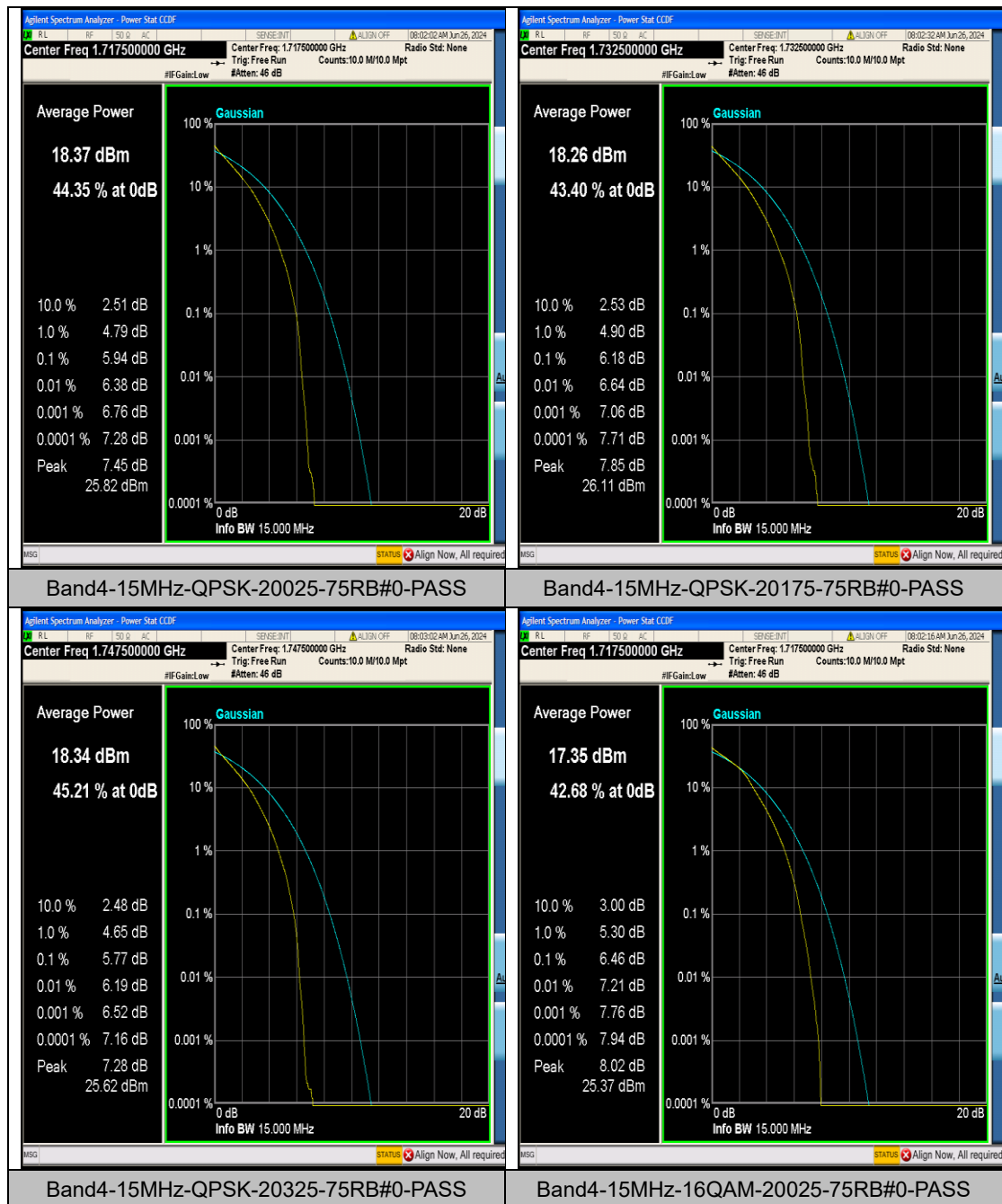


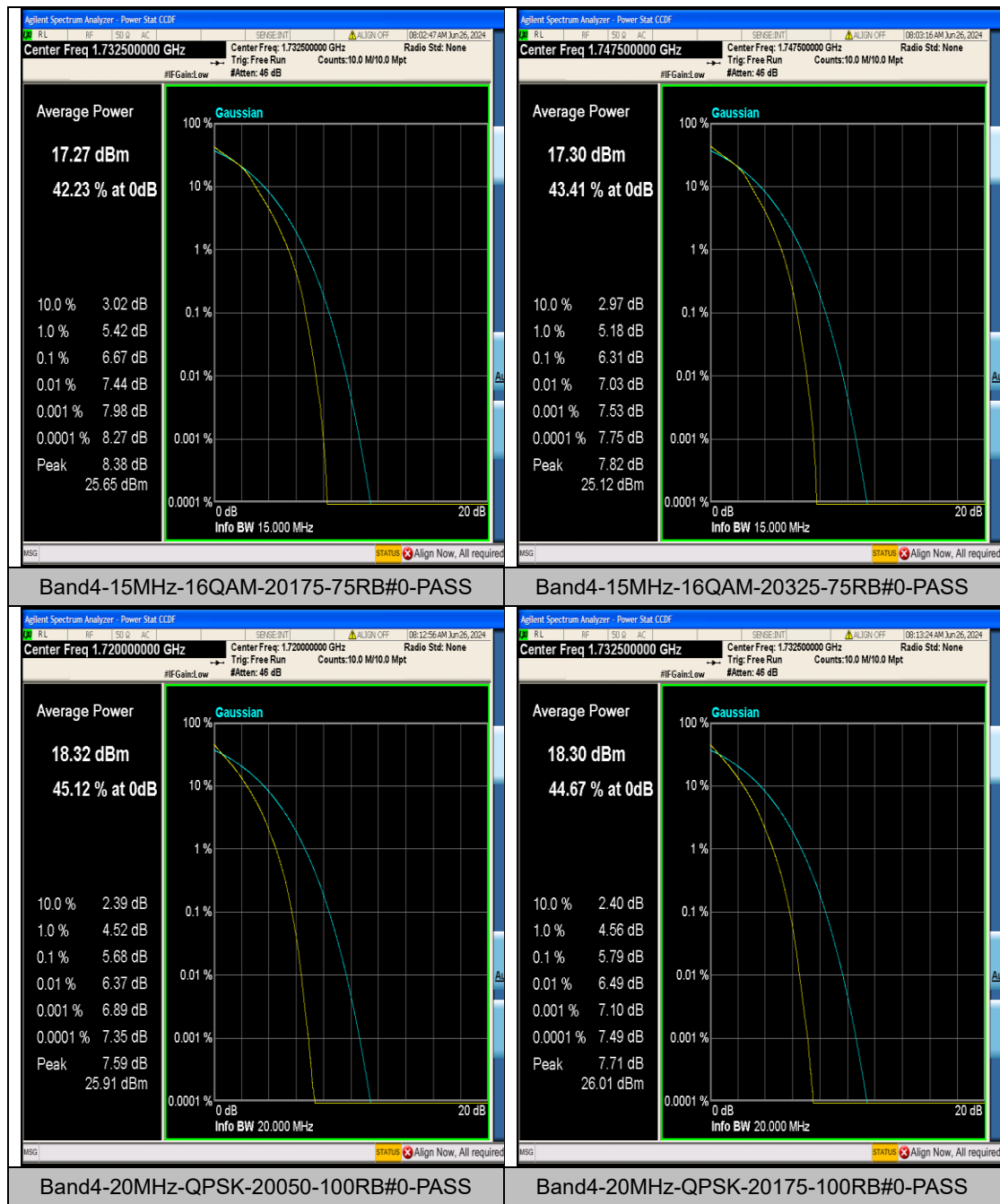


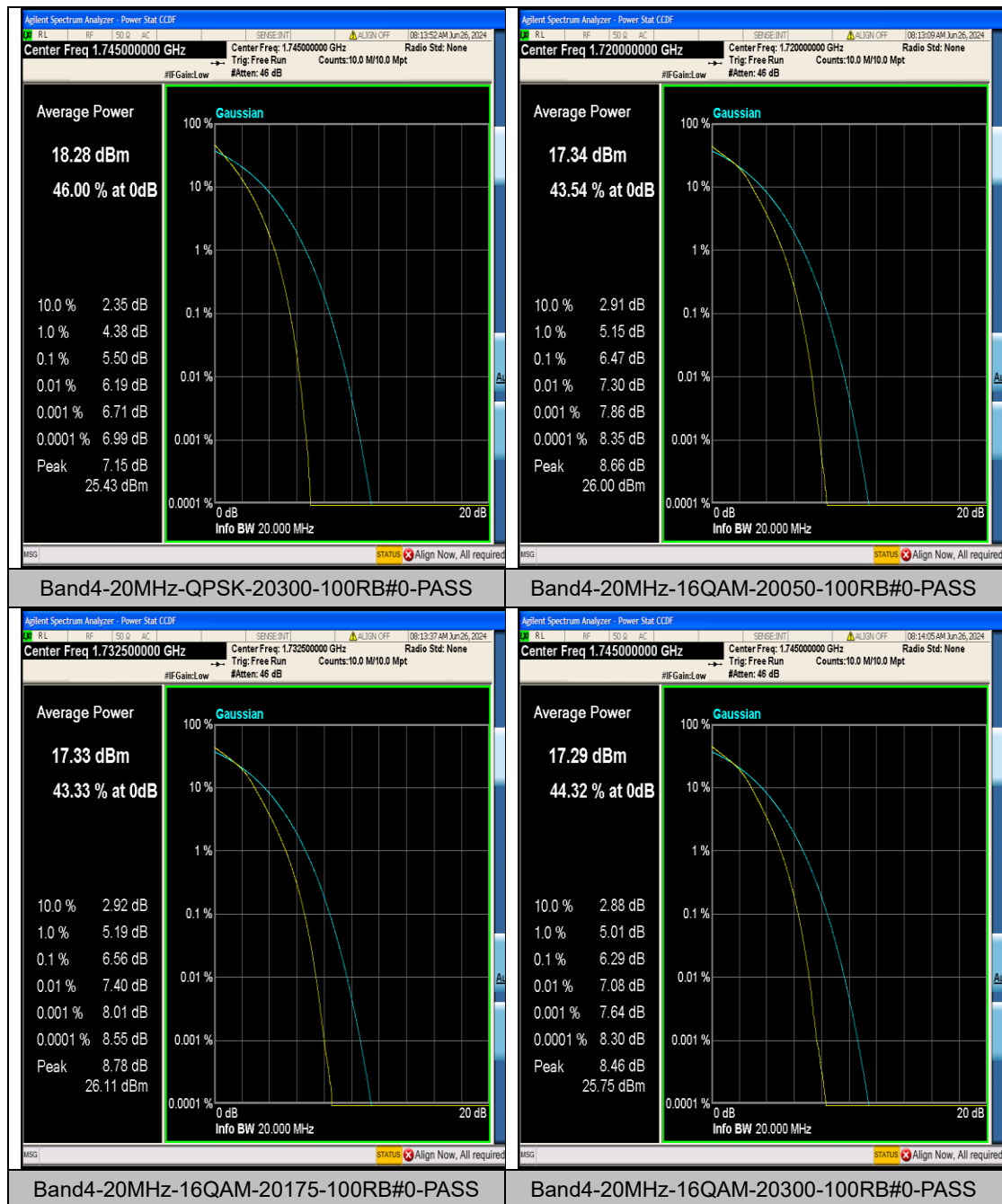












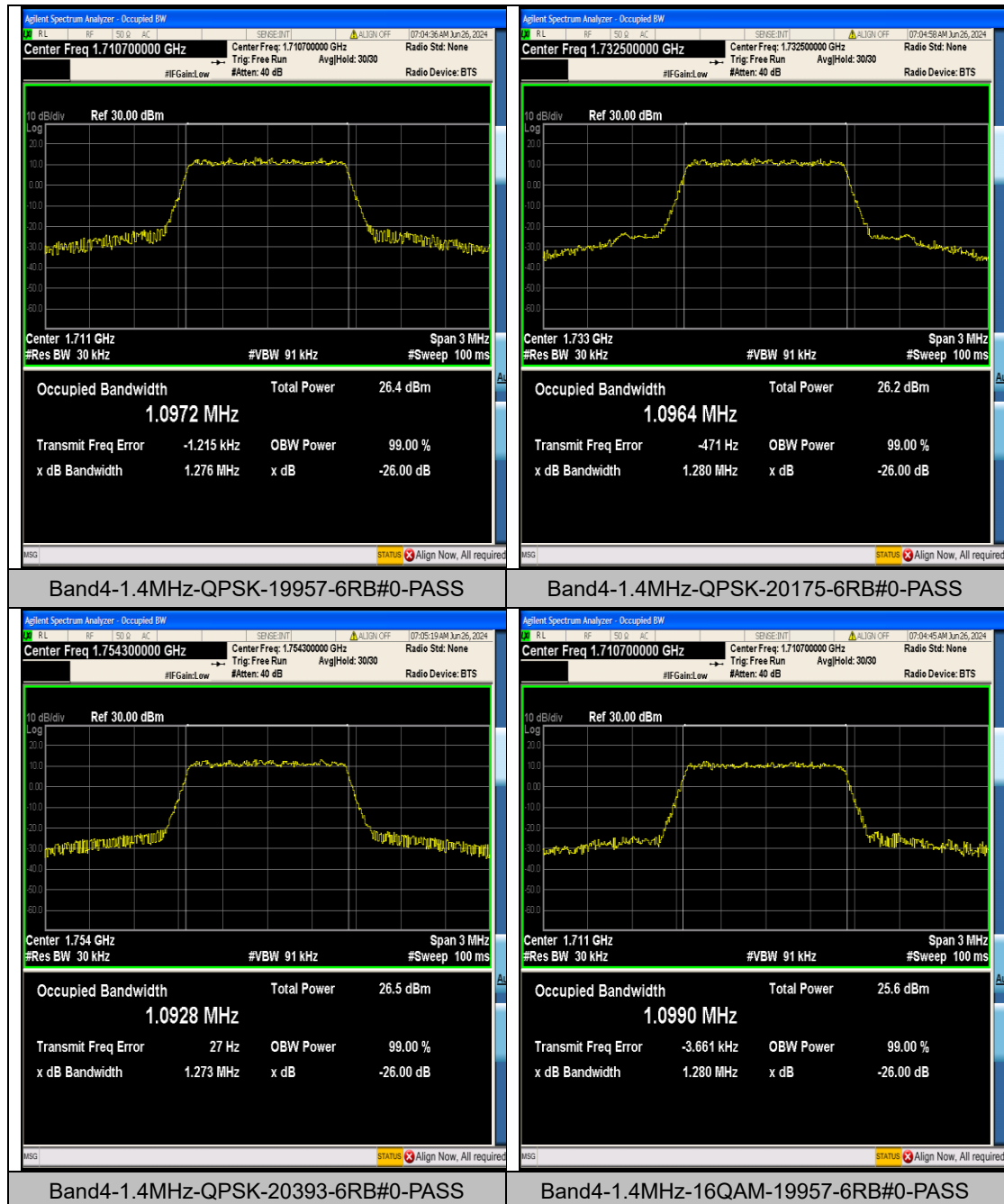
Appendix C: 26dB Bandwidth and Occupied Bandwidth

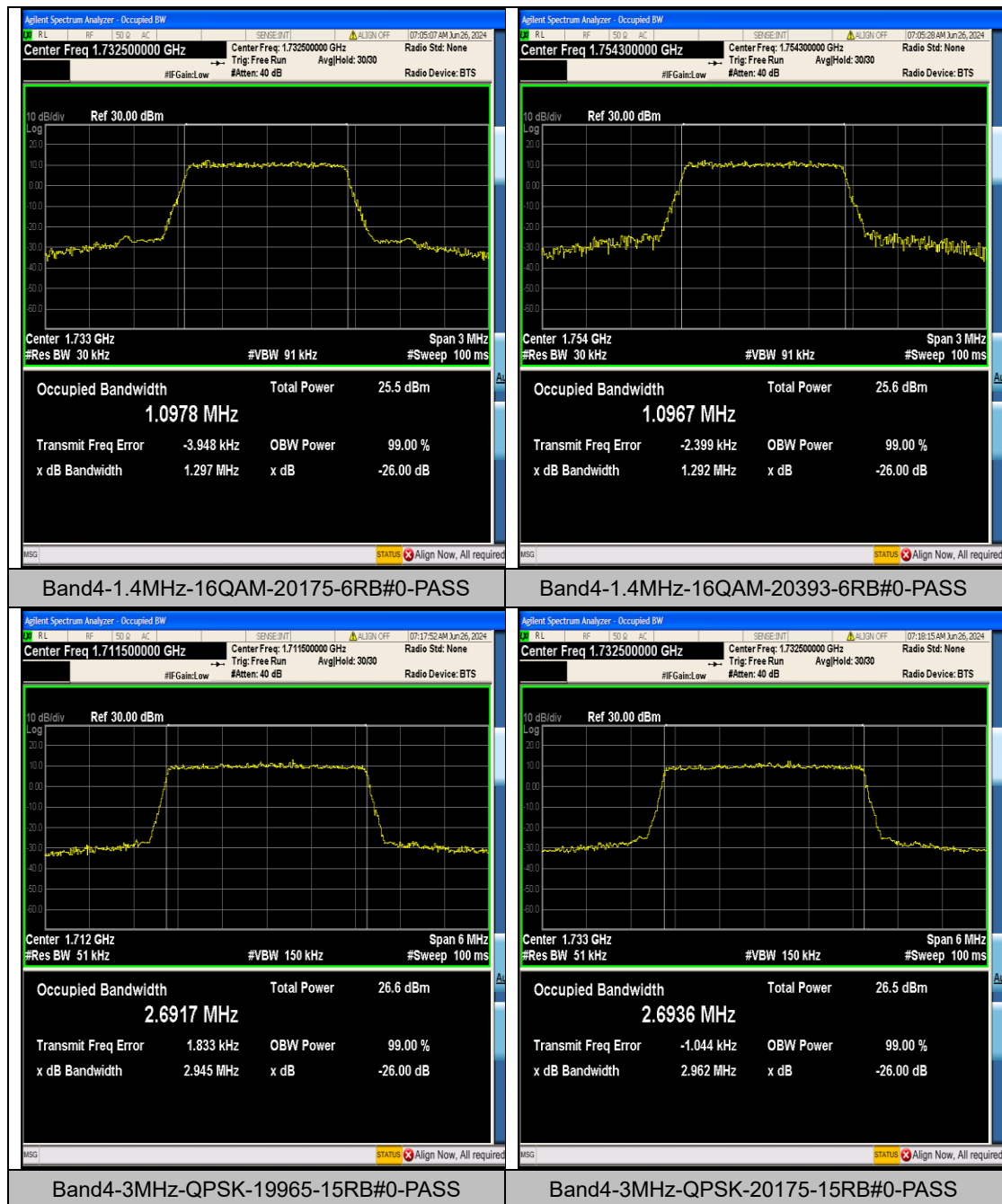
Test Result

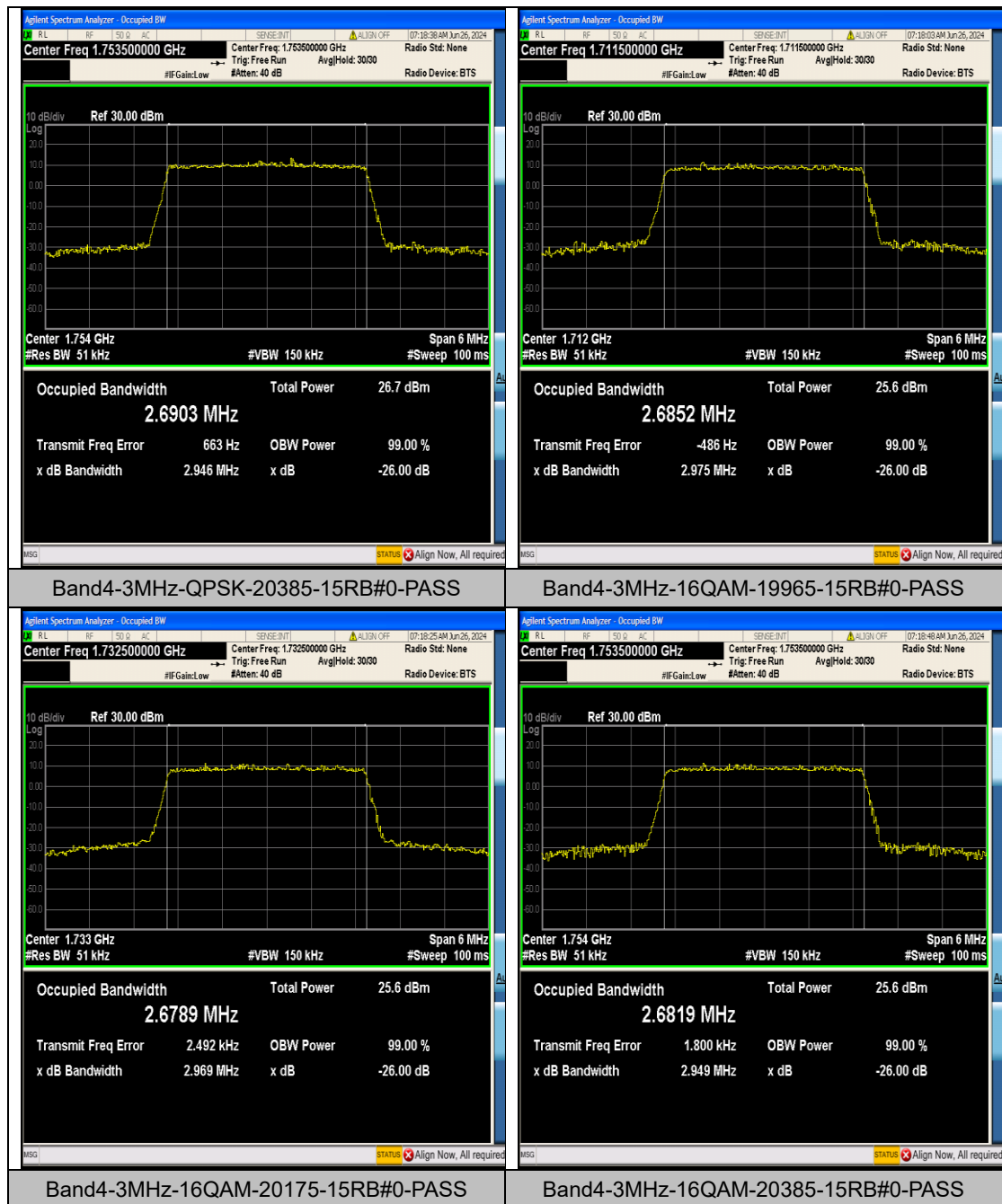
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0972	1.276	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0964	1.280	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0928	1.273	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0990	1.280	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0978	1.297	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0967	1.292	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6917	2.945	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6936	2.962	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6903	2.946	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6852	2.975	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6789	2.969	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6819	2.949	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4997	4.918	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5008	4.912	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5013	5.069	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4960	4.895	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4953	4.897	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4919	4.896	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9881	9.784	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9781	9.740	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9727	9.790	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9522	9.712	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9846	9.761	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9608	9.716	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.489	14.65	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.494	14.60	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.477	14.63	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.488	14.57	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.476	14.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.461	14.57	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.983	19.37	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.956	19.40	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.921	19.30	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.975	19.35	PASS

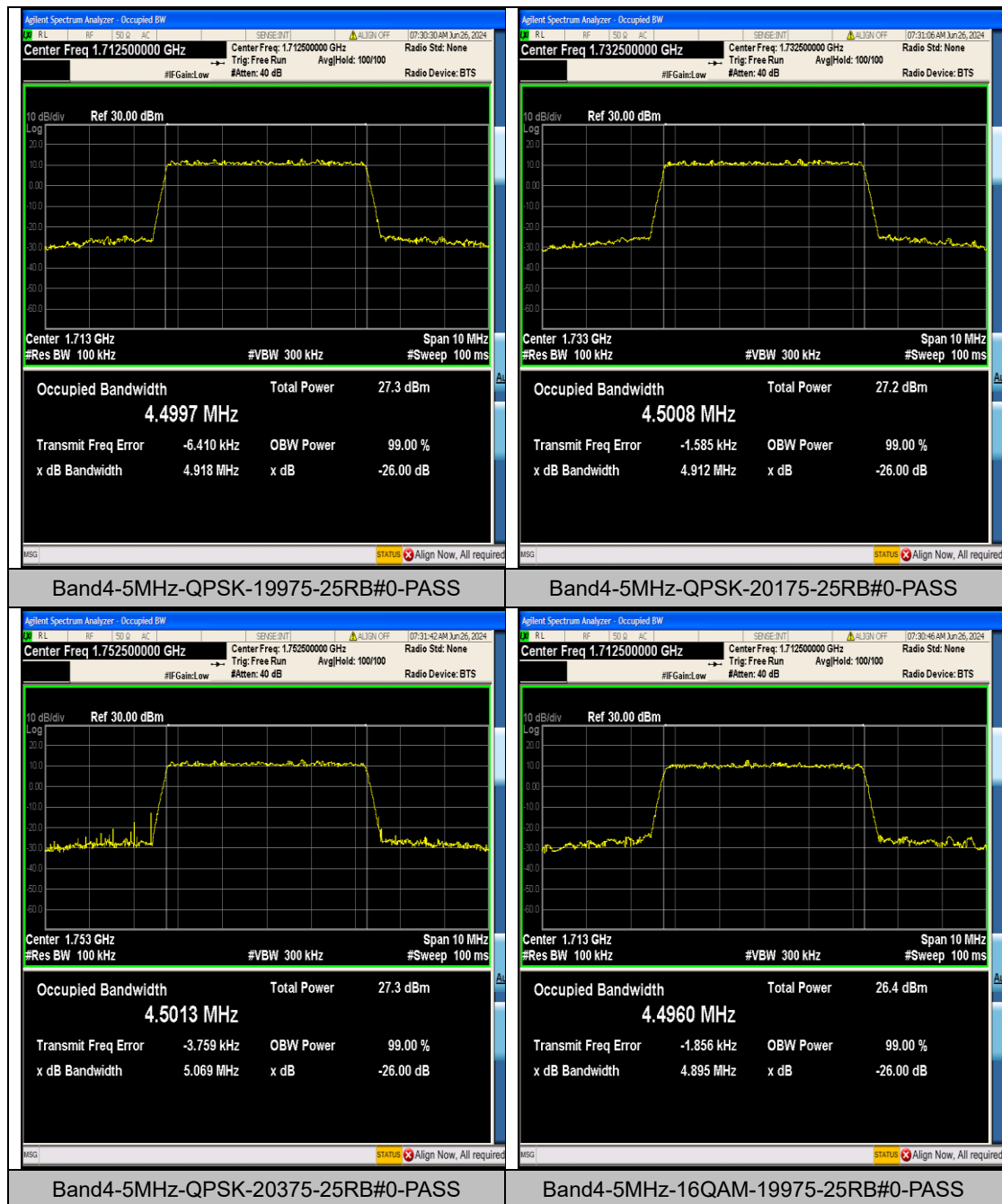
Band4	20MHz	16QAM	20175	100RB#0	17.971	19.50	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.36	PASS

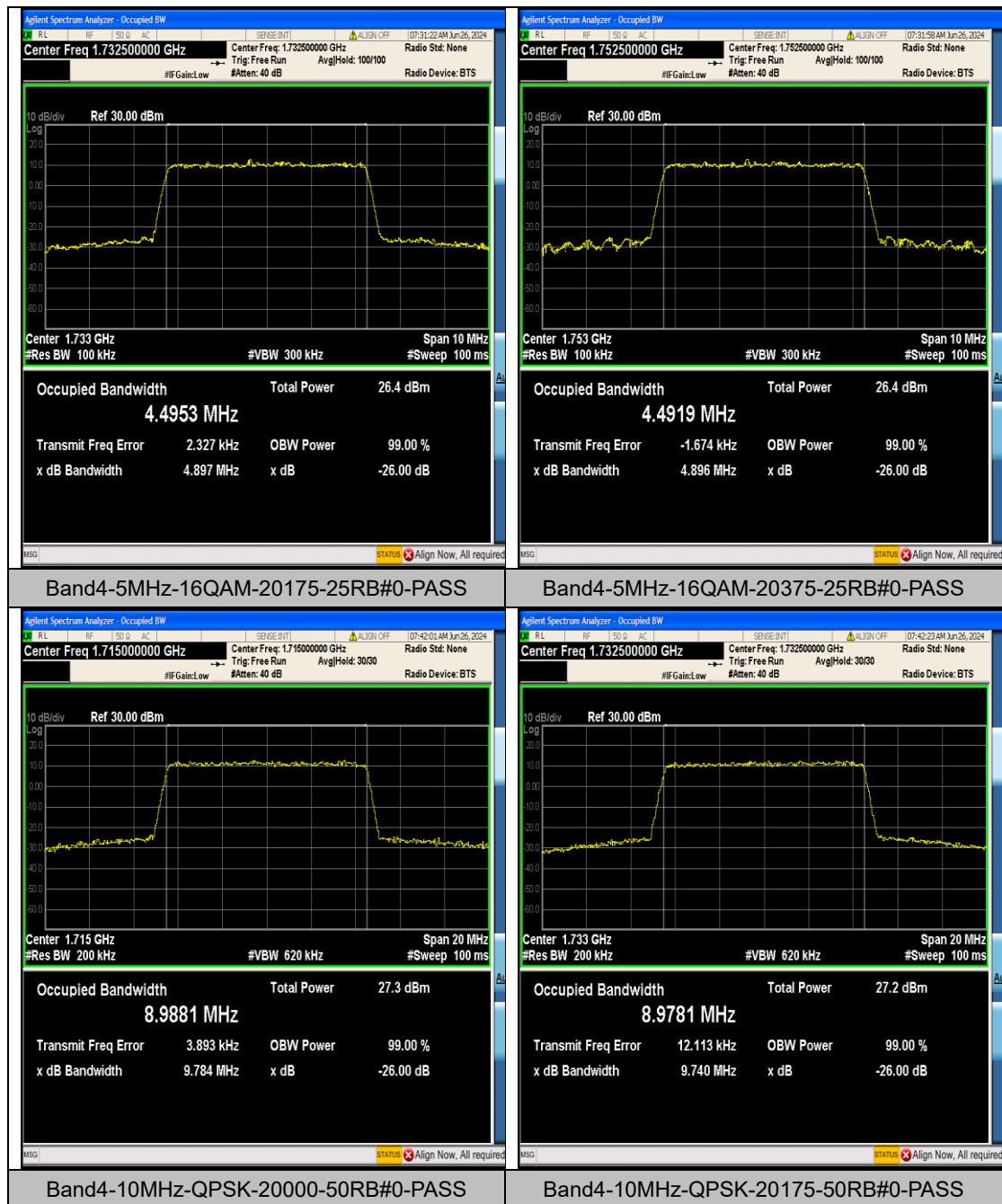
Test Graphs

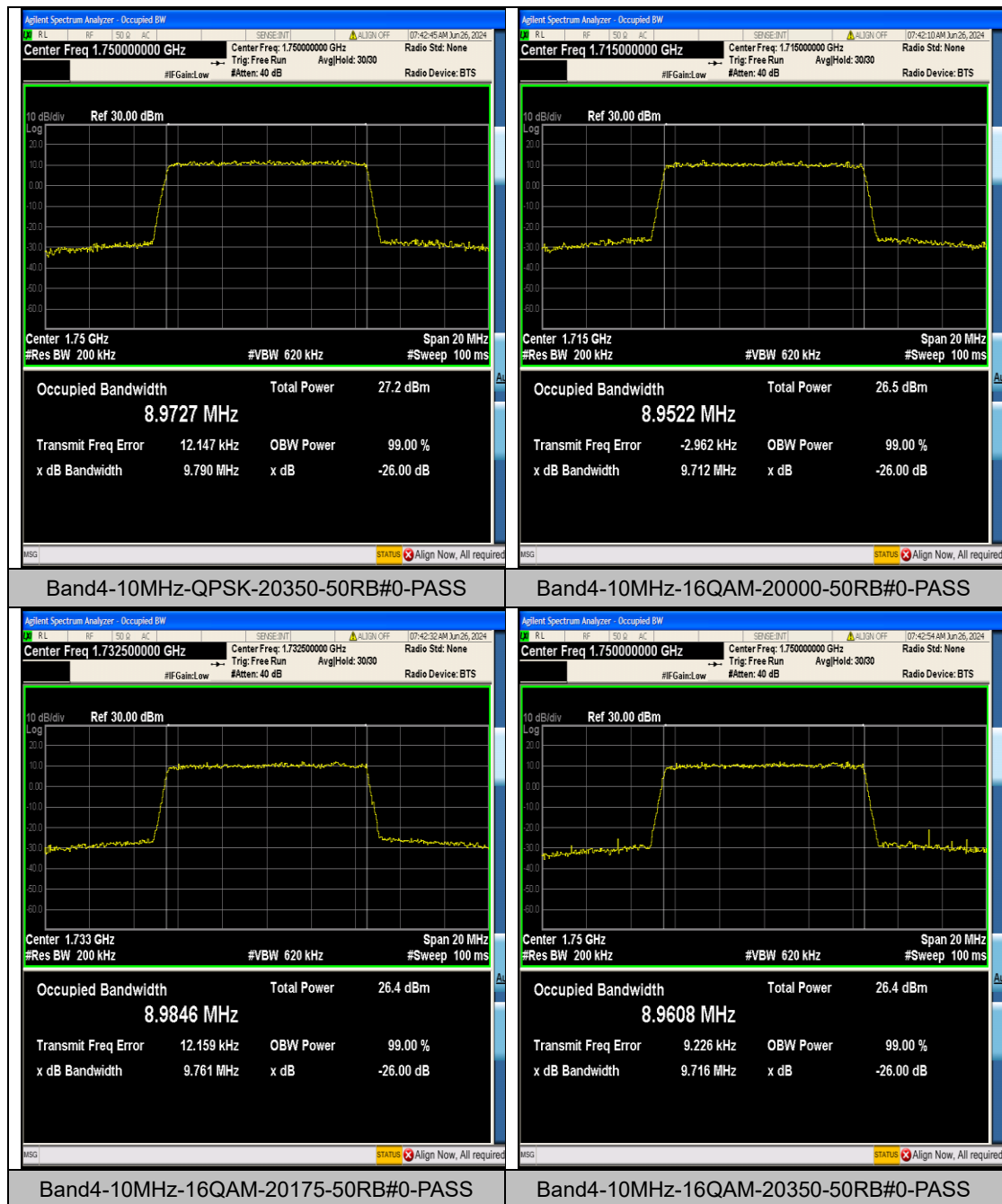


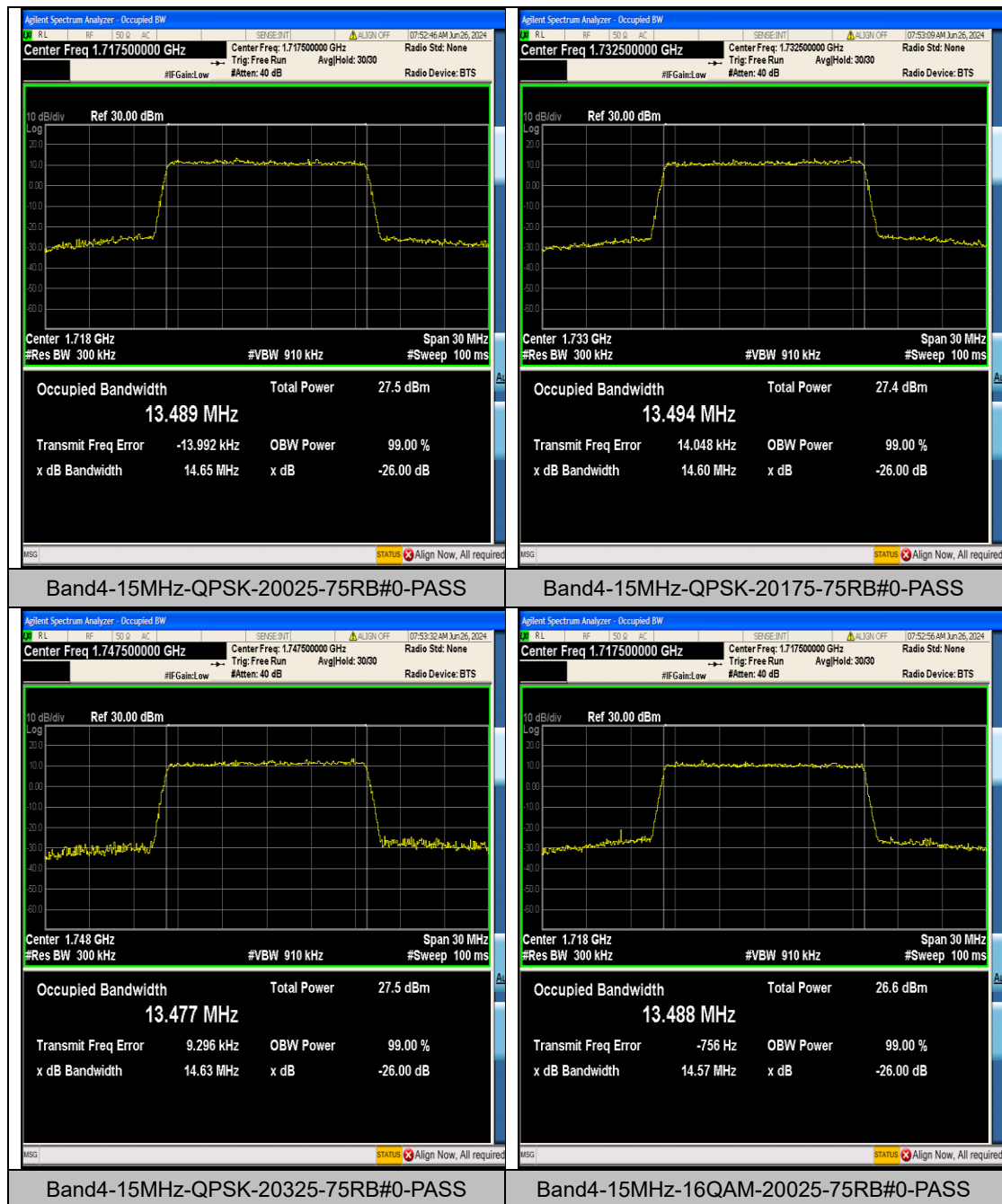


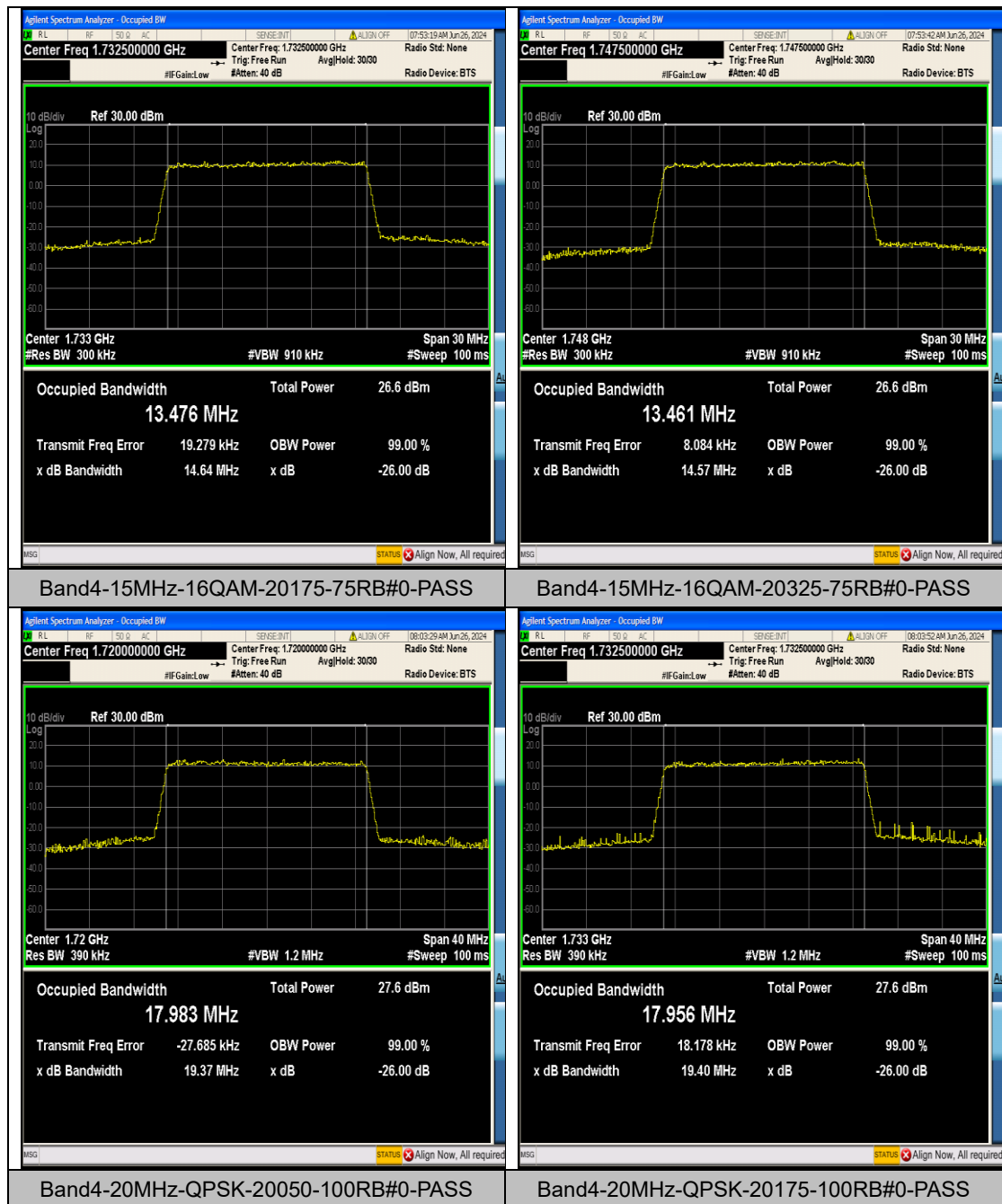


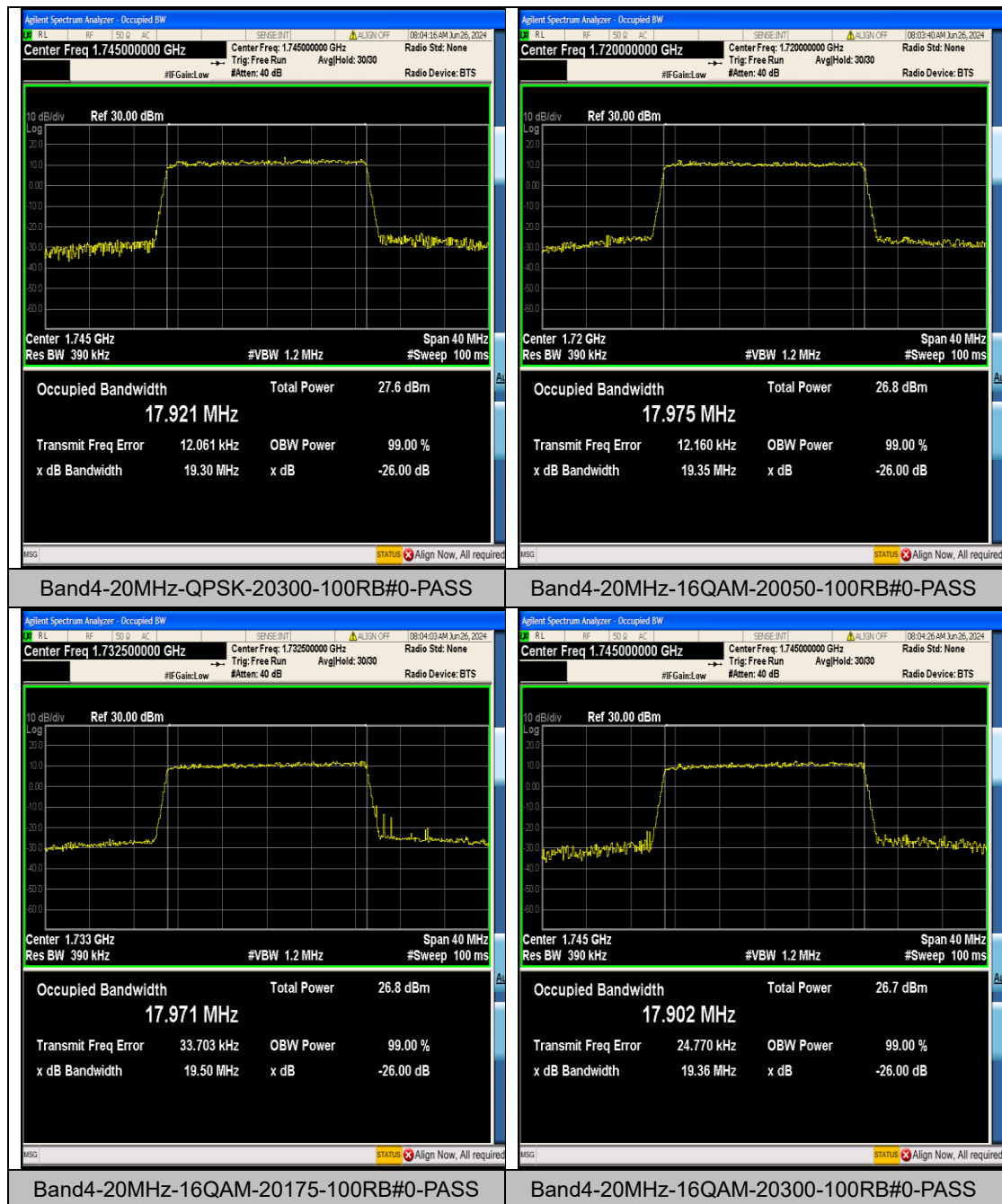












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-33.59	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-36.52	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.94	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-37.15	PASS
Band4	3MHz	QPSK	19965	15RB#0	-31.12	PASS
Band4	3MHz	QPSK	20385	15RB#0	-35.18	PASS
Band4	3MHz	16QAM	19965	15RB#0	-31.91	PASS
Band4	3MHz	16QAM	20385	15RB#0	-35.51	PASS
Band4	5MHz	QPSK	19975	25RB#0	-30.74	PASS
Band4	5MHz	QPSK	20375	25RB#0	-35.64	PASS
Band4	5MHz	16QAM	19975	25RB#0	-31.80	PASS
Band4	5MHz	16QAM	20375	25RB#0	-36.76	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.54	PASS
Band4	10MHz	QPSK	20350	50RB#0	-37.14	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.28	PASS
Band4	10MHz	16QAM	20350	50RB#0	-38.28	PASS
Band4	15MHz	QPSK	20025	75RB#0	-32.10	PASS
Band4	15MHz	QPSK	20325	75RB#0	-36.60	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.64	PASS
Band4	15MHz	16QAM	20325	75RB#0	-37.76	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.36	PASS
Band4	20MHz	QPSK	20300	100RB#0	-37.12	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.83	PASS
Band4	20MHz	16QAM	20300	100RB#0	-38.07	PASS

Test Graphs

