

FCC Appendix RF Test Data for LTE Band 4

FCC ID : 2BT4L-M5-CX

Company : Infinity Mobile Limited

EUT : Portable WIFI

Model Number : M5-CX

Report No. : CTA25103000202

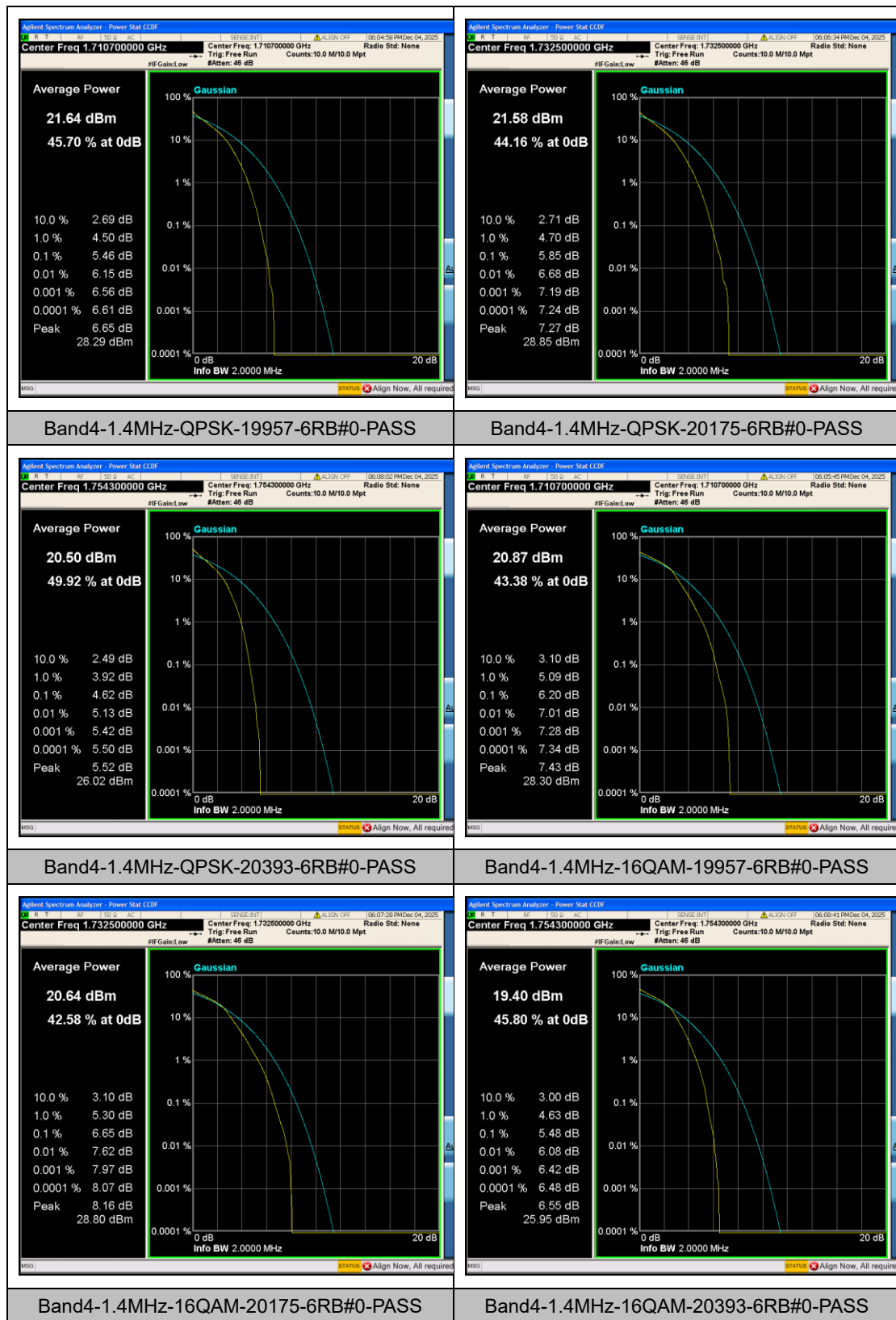
Reviewed By : Eric Wang

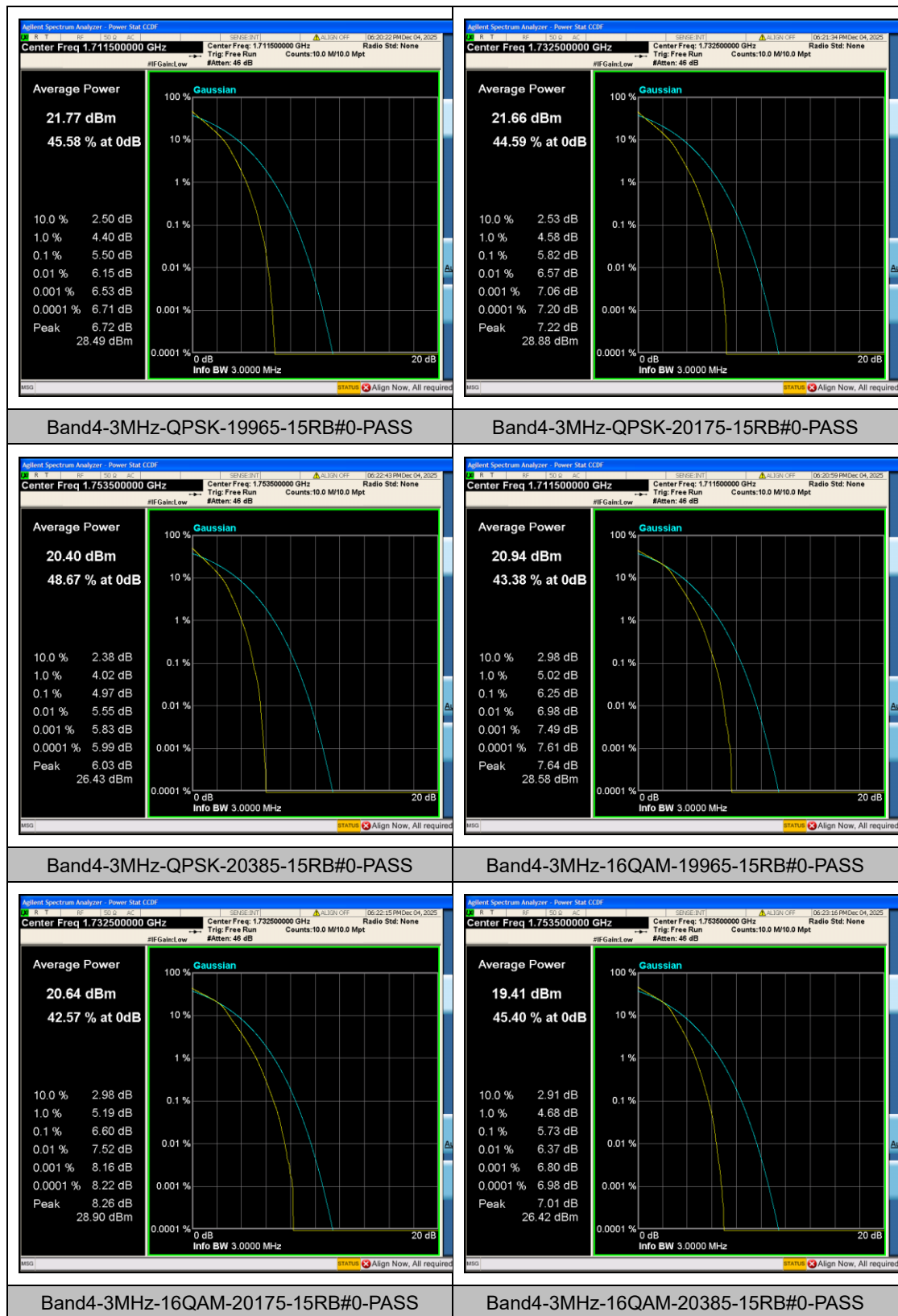
Appendix B: Peak-to-Average Ratio(CCDF)

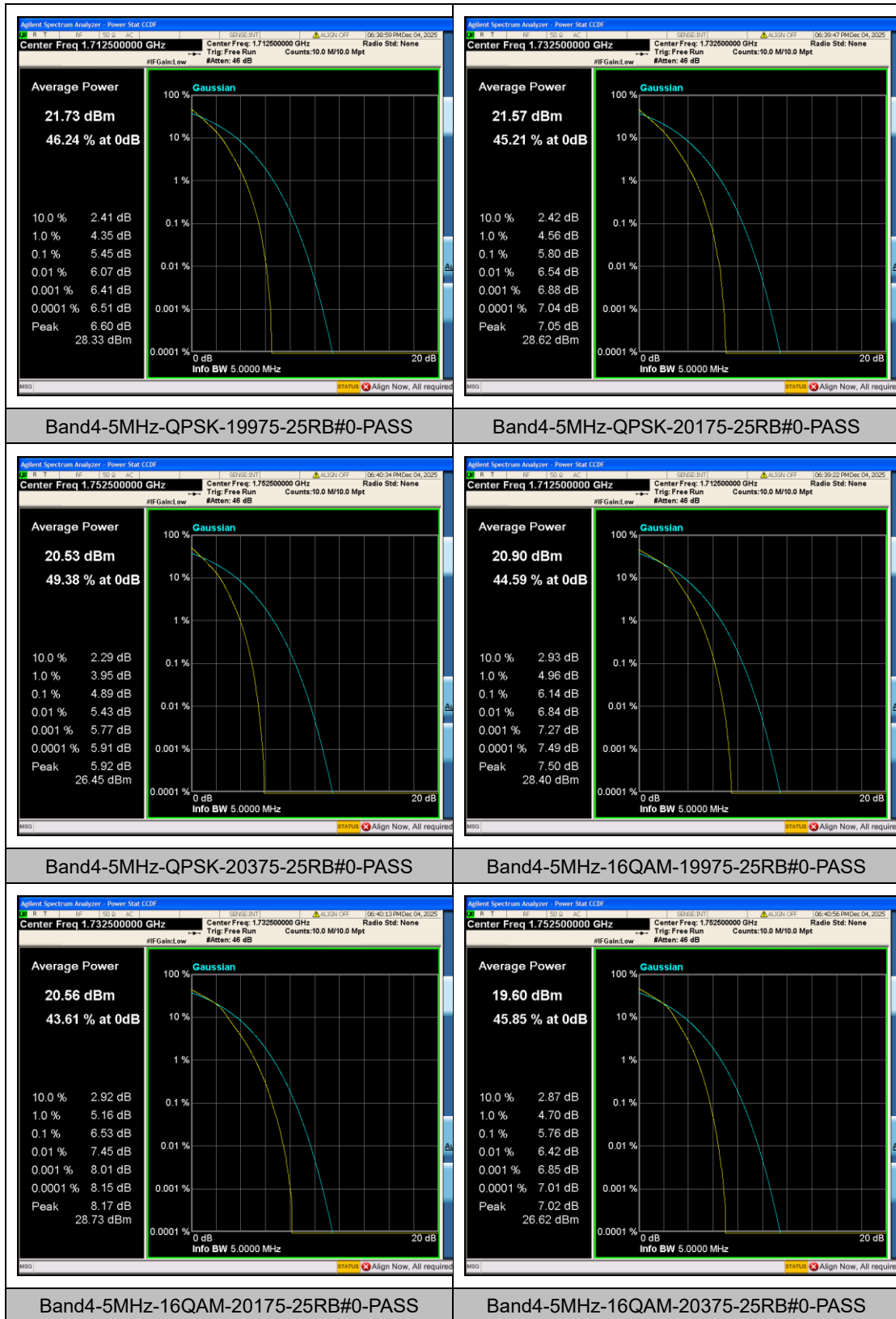
Test Result

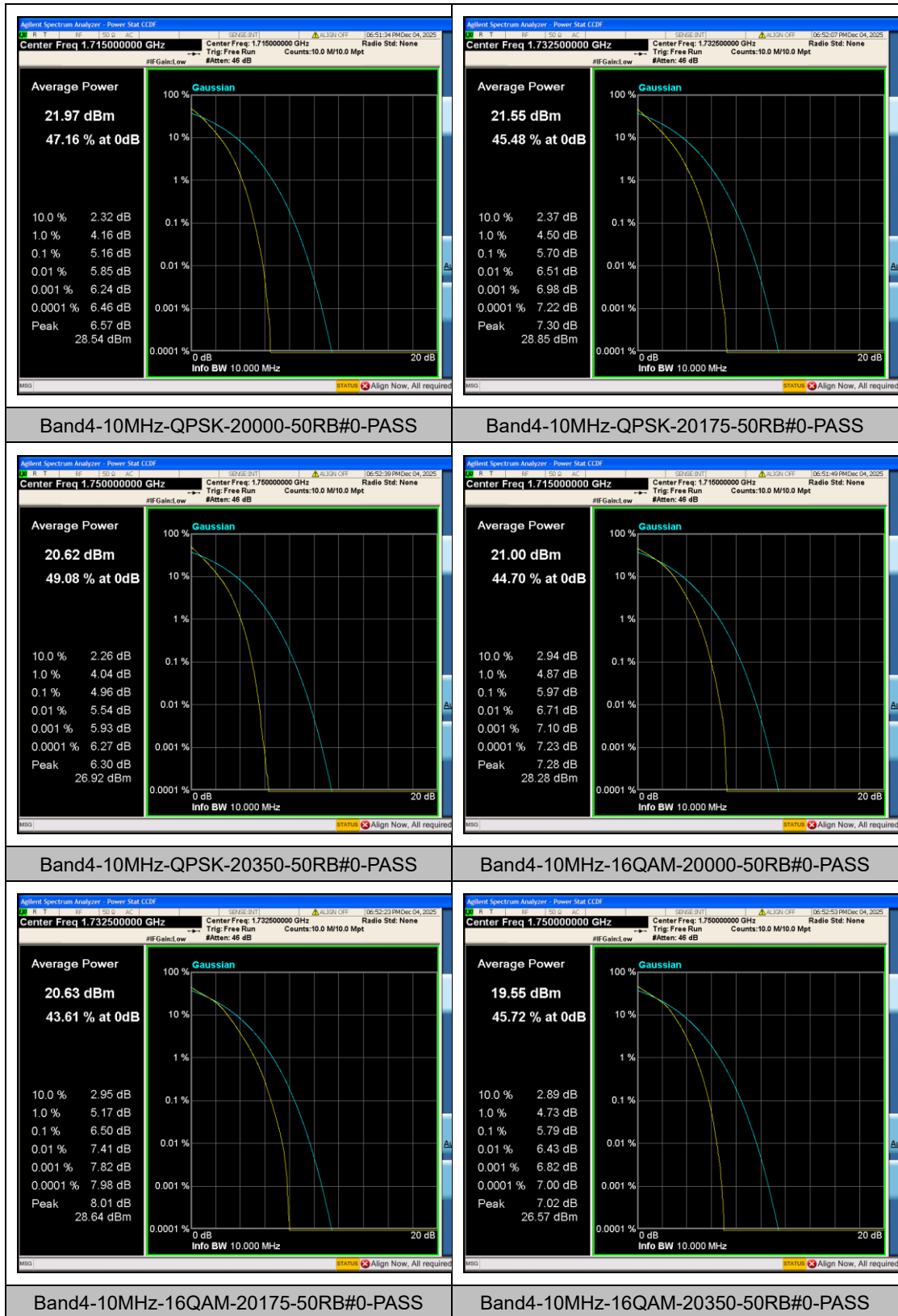
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.46	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.85	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.62	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.20	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.65	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.48	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.50	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.82	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.97	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.25	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.60	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.73	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.45	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.89	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.14	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.53	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.76	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.70	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.96	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.97	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.50	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.79	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.22	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.31	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.92	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.48	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.88	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.02	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.55	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.20	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.96	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.39	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.93	13	PASS

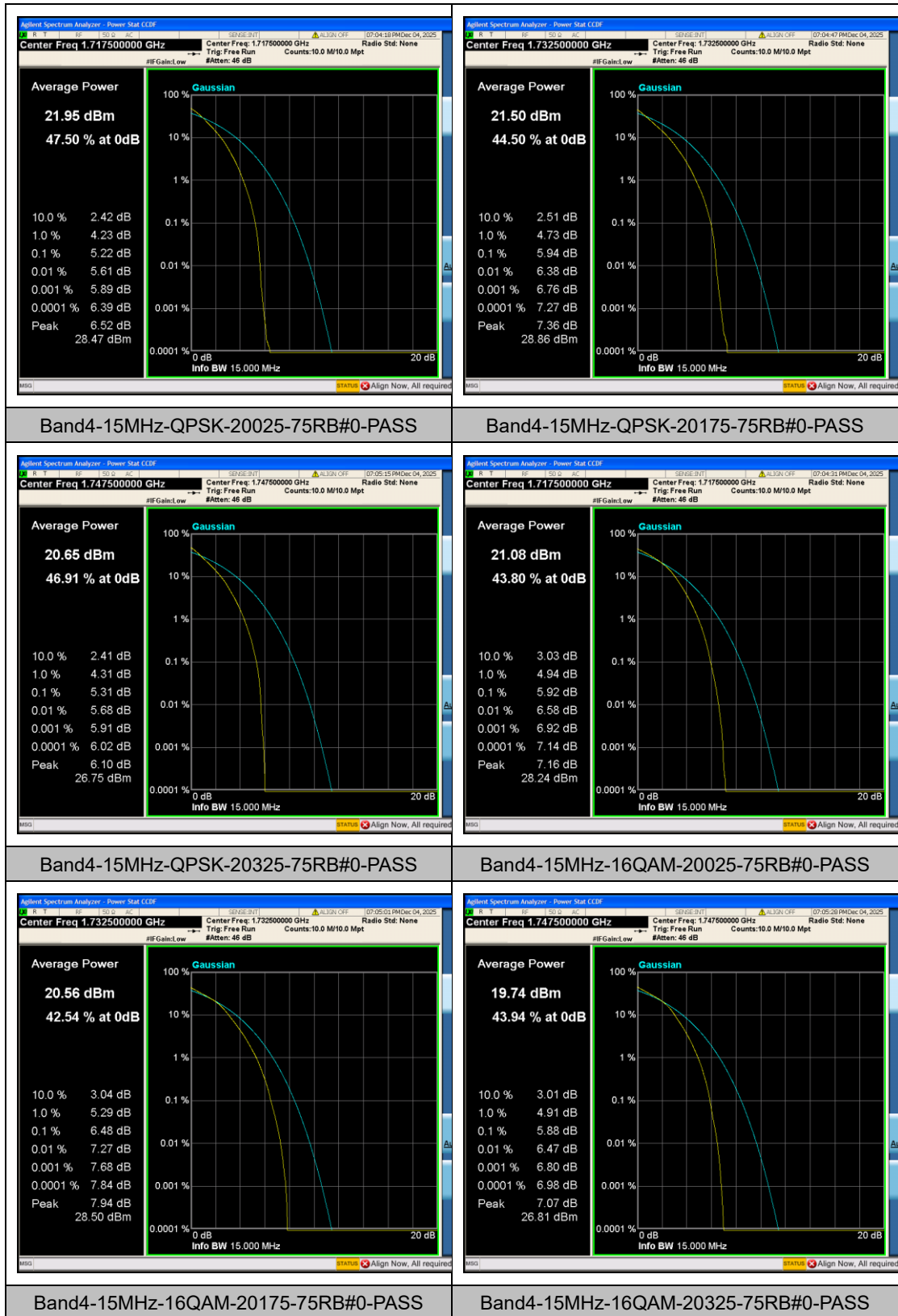
Test Graphs

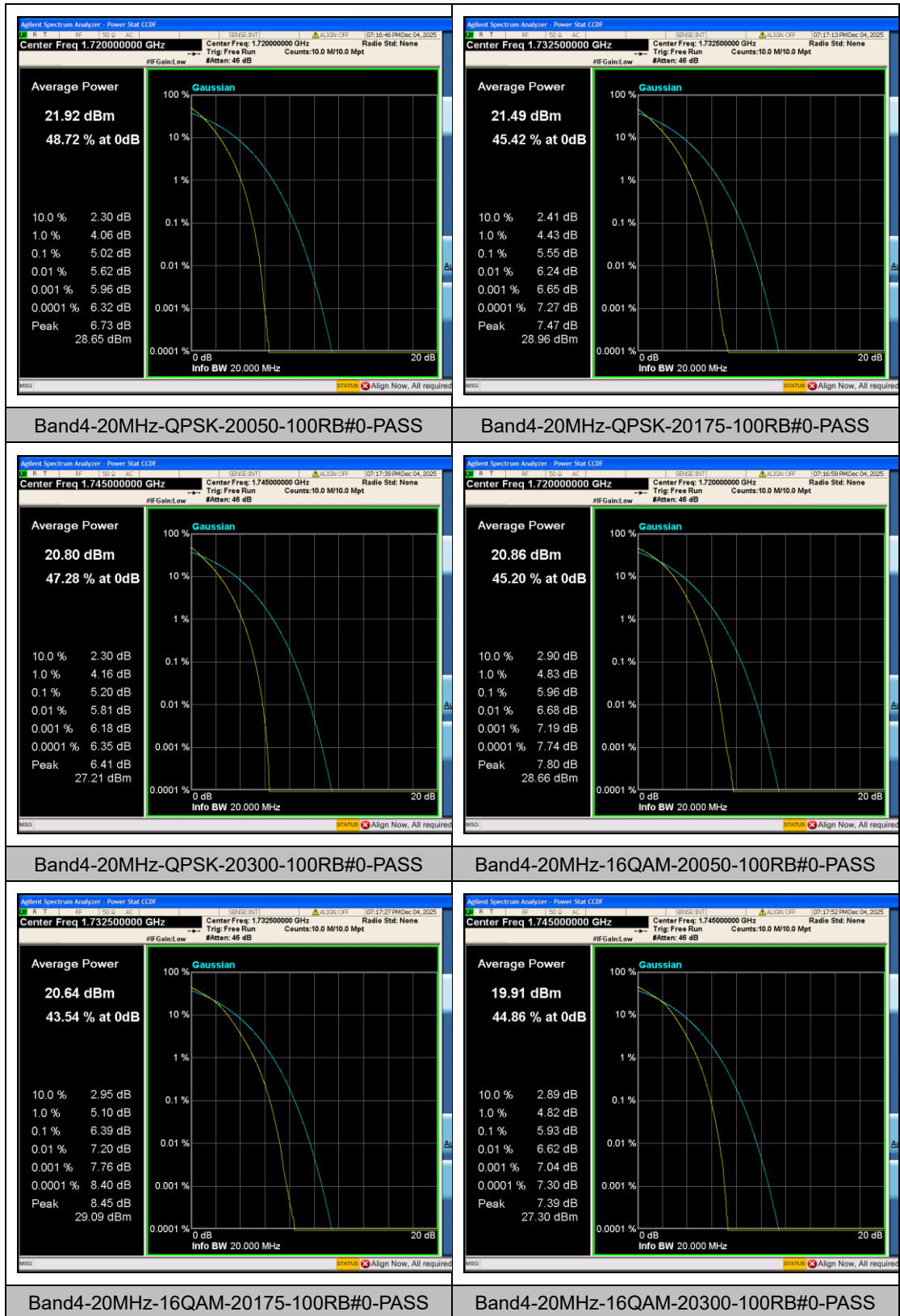










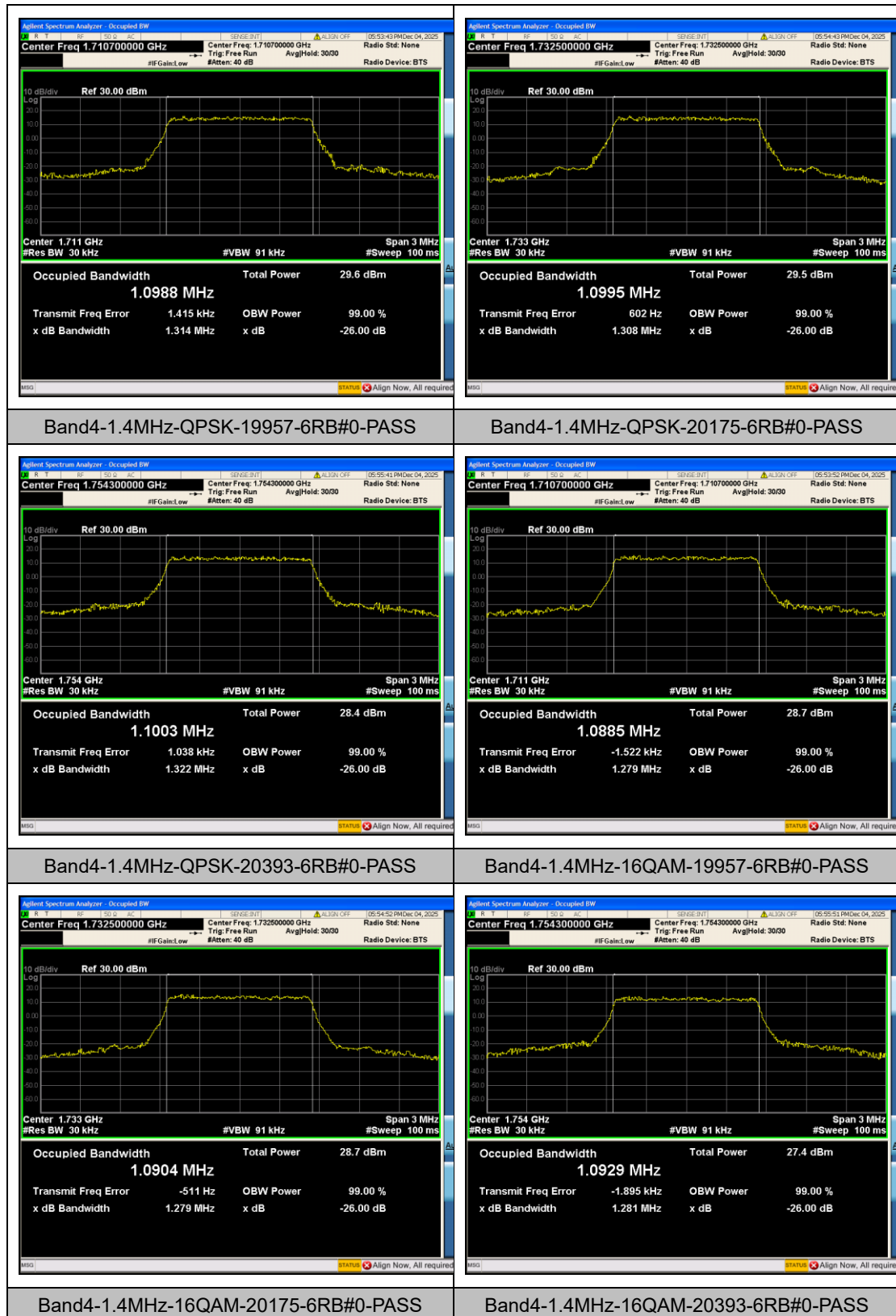


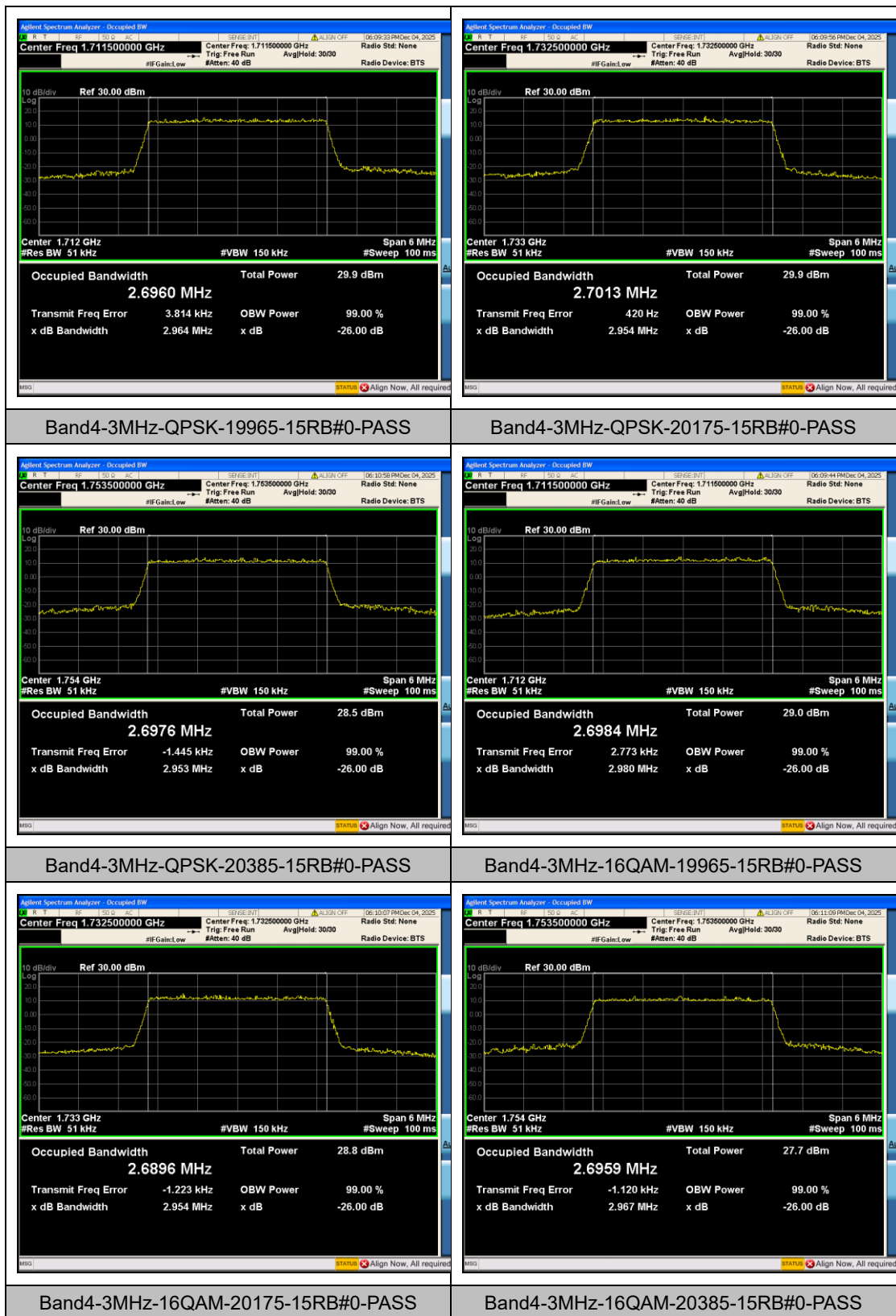
Appendix C: 26dB Bandwidth and Occupied Bandwidth

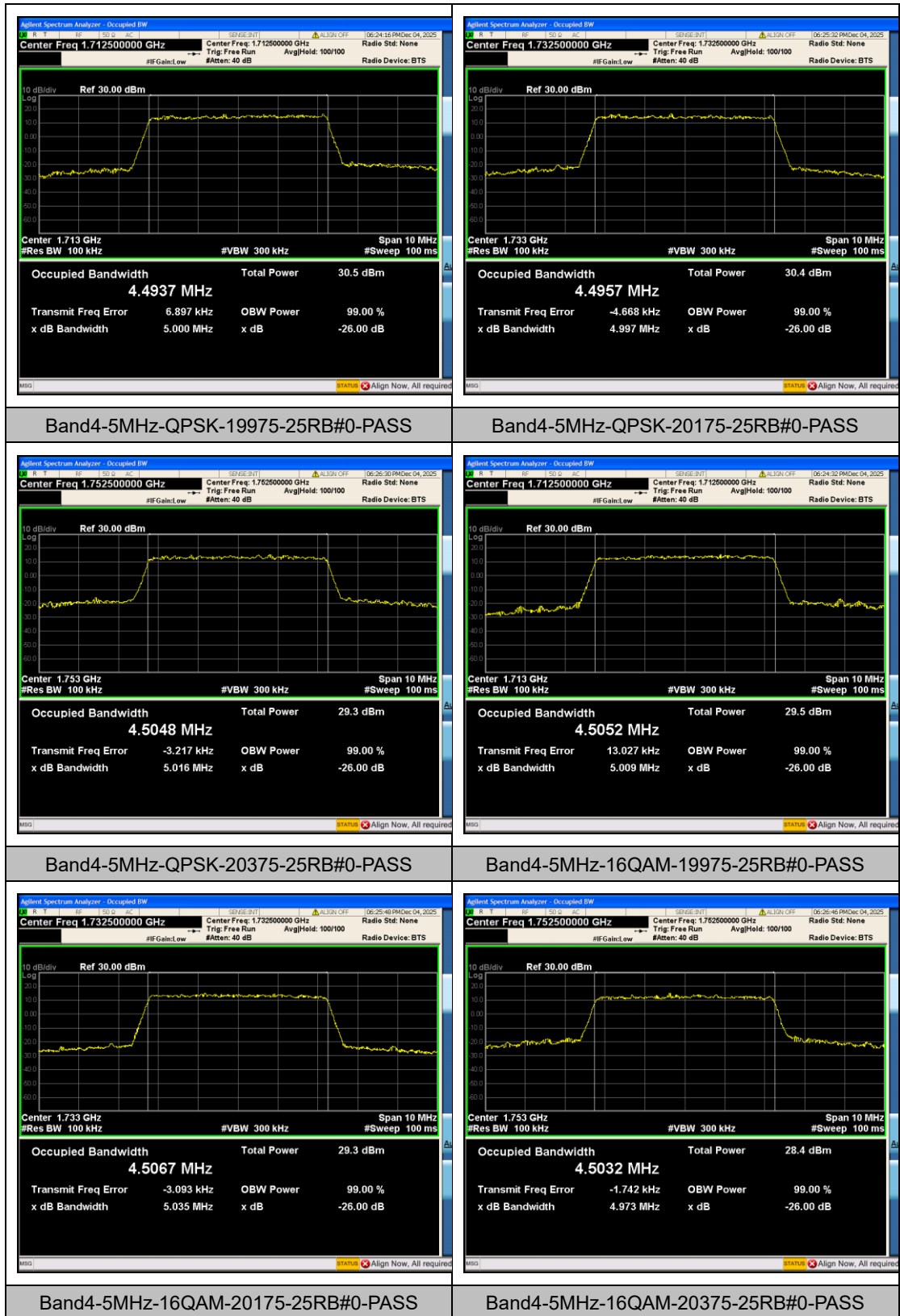
Test Result

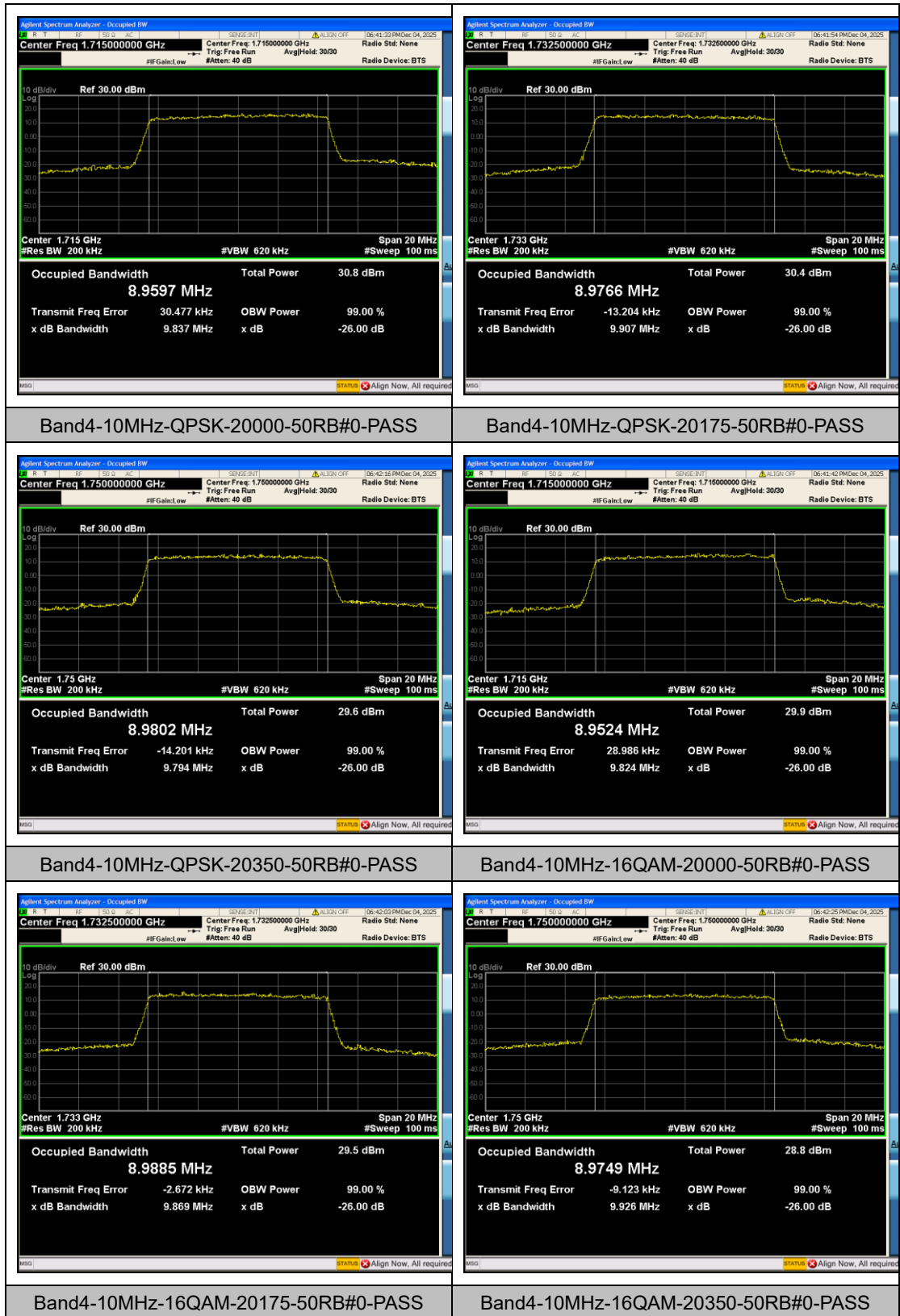
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0988	1.314	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0995	1.308	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1003	1.322	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0885	1.279	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0904	1.279	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0929	1.281	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6960	2.964	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7013	2.954	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6976	2.953	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6984	2.980	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6896	2.954	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6959	2.967	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4937	5.000	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4957	4.997	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5048	5.016	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5052	5.009	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5067	5.035	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5032	4.973	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9597	9.837	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9766	9.907	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9802	9.794	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9524	9.824	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9885	9.869	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9749	9.926	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.373	14.59	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.477	14.71	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.425	14.73	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.396	14.63	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.426	14.71	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.435	14.76	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.817	19.24	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.945	19.44	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.929	19.57	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.864	19.35	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.975	19.33	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.908	19.44	PASS

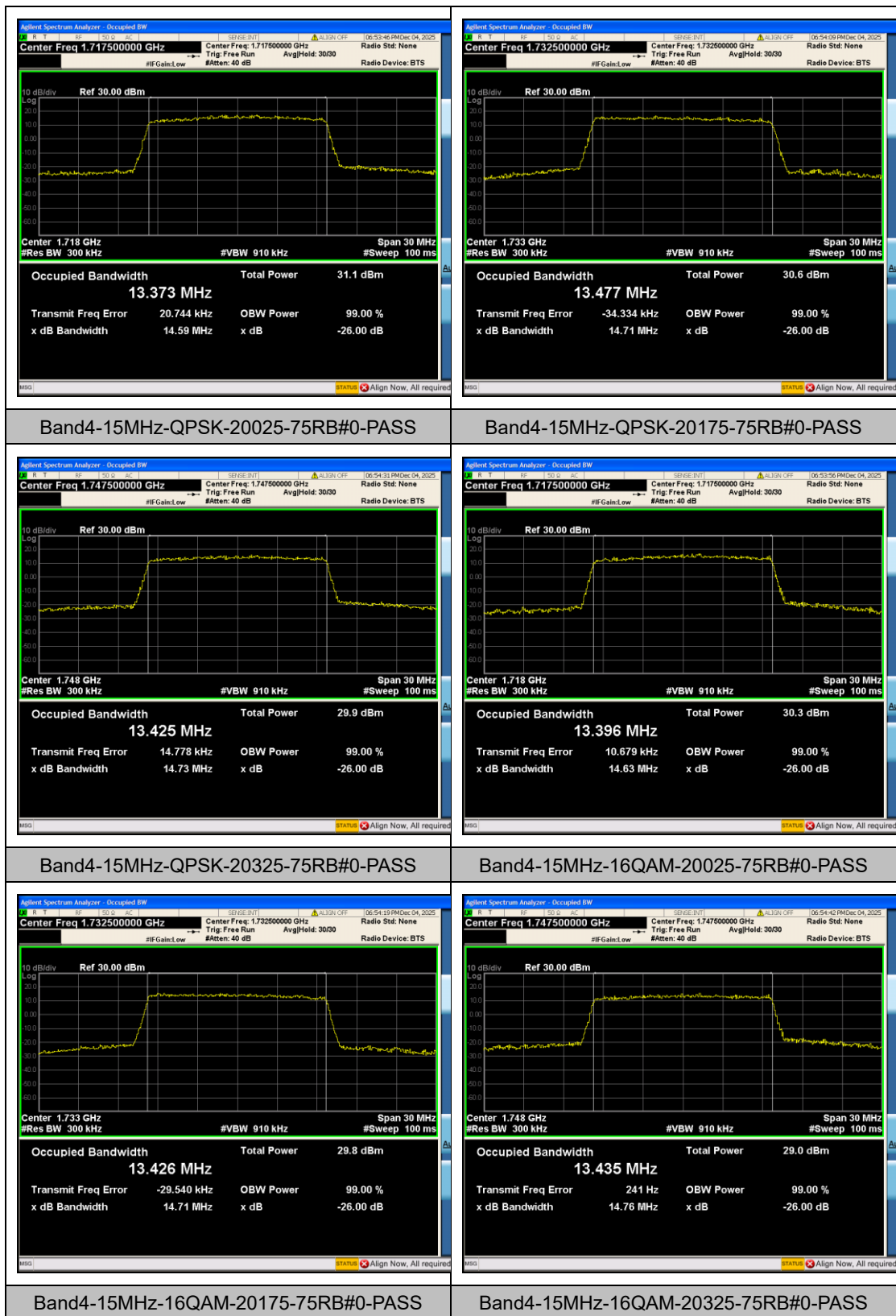
Test Graphs

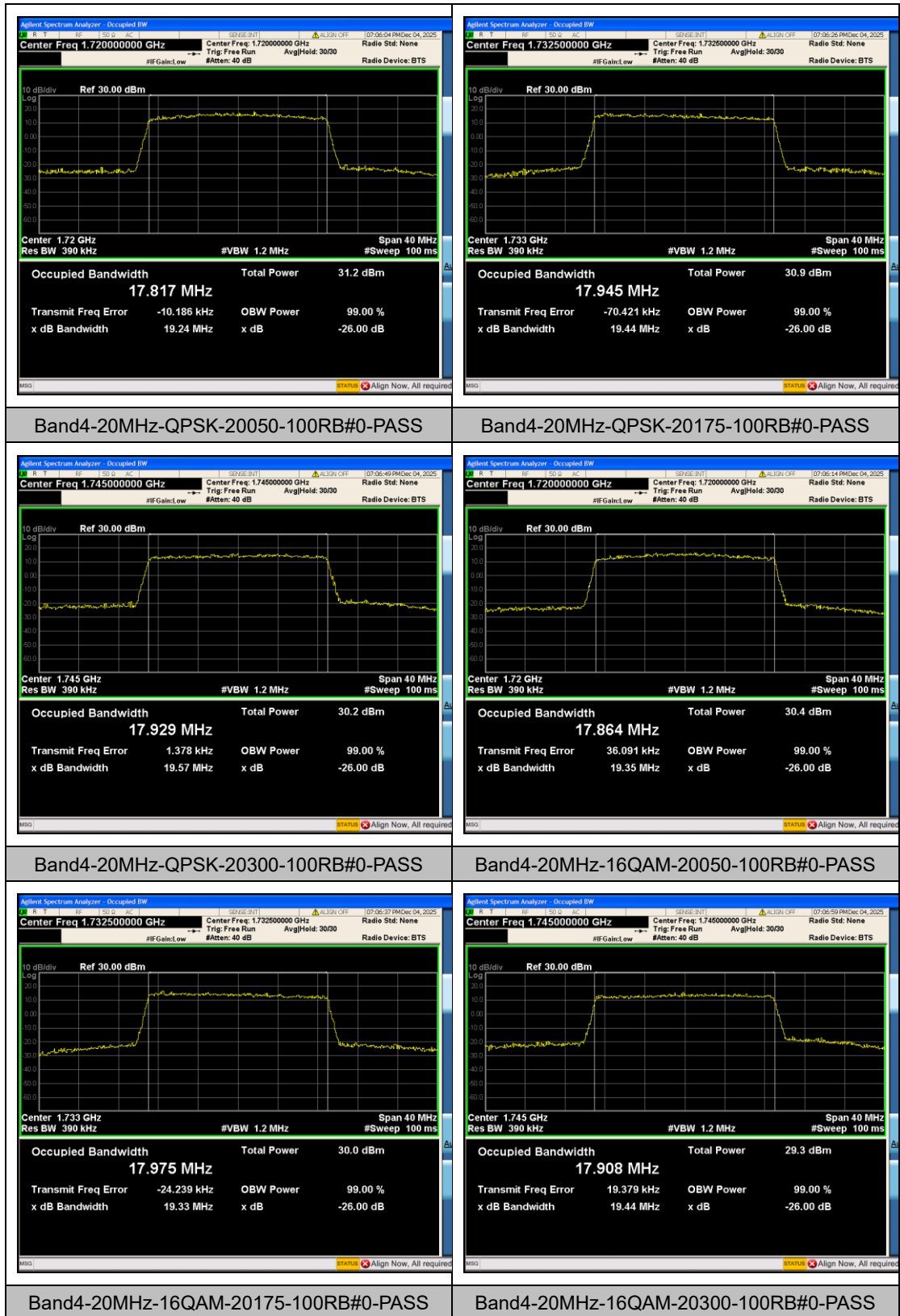












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-26.87	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.62	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.23	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.39	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.36	PASS
Band4	3MHz	QPSK	20385	15RB#0	-25.67	PASS
Band4	3MHz	16QAM	19965	15RB#0	-26.84	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.83	PASS
Band4	5MHz	QPSK	19975	25RB#0	-28.57	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.30	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.43	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.03	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.36	PASS
Band4	10MHz	QPSK	20350	50RB#0	-26.58	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.49	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.95	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.81	PASS
Band4	15MHz	QPSK	20325	75RB#0	-26.25	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.42	PASS
Band4	15MHz	16QAM	20325	75RB#0	-29.63	PASS
Band4	20MHz	QPSK	20050	100RB#0	-34.35	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.12	PASS
Band4	20MHz	16QAM	20050	100RB#0	-35.70	PASS
Band4	20MHz	16QAM	20300	100RB#0	-30.98	PASS