

FCC Appendix RF Test Data for LTE Band 4

FCC ID : **R38YLCPK23**

Company : **Yulong Computer Telecommunication Scientific
(Shenzhen) Co., Ltd**

EUT : **Smart Phone**

Model Number : **K23**

Report No. : **CTA26032500704**

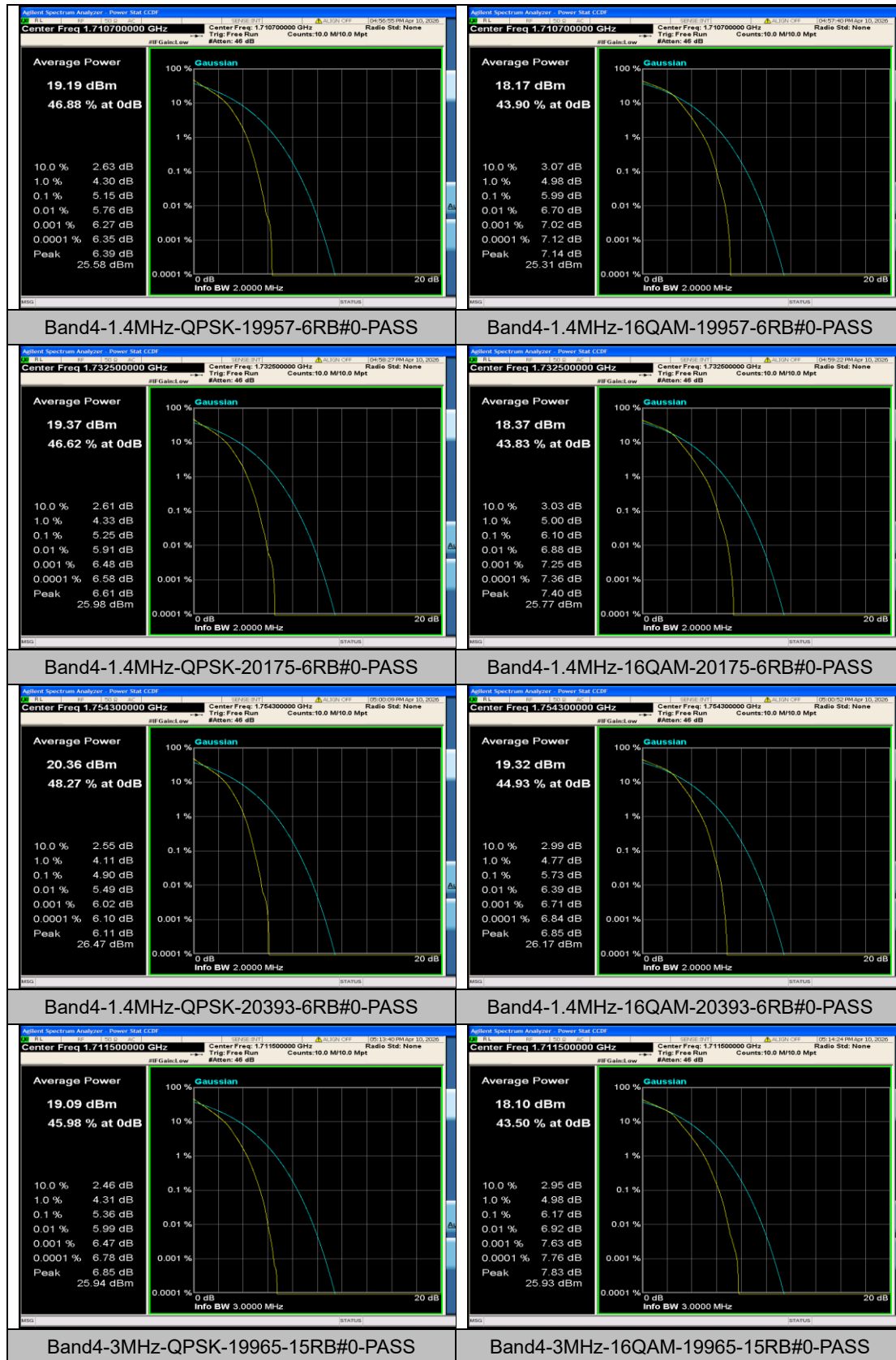
Reviewed By : **Eric Wang**

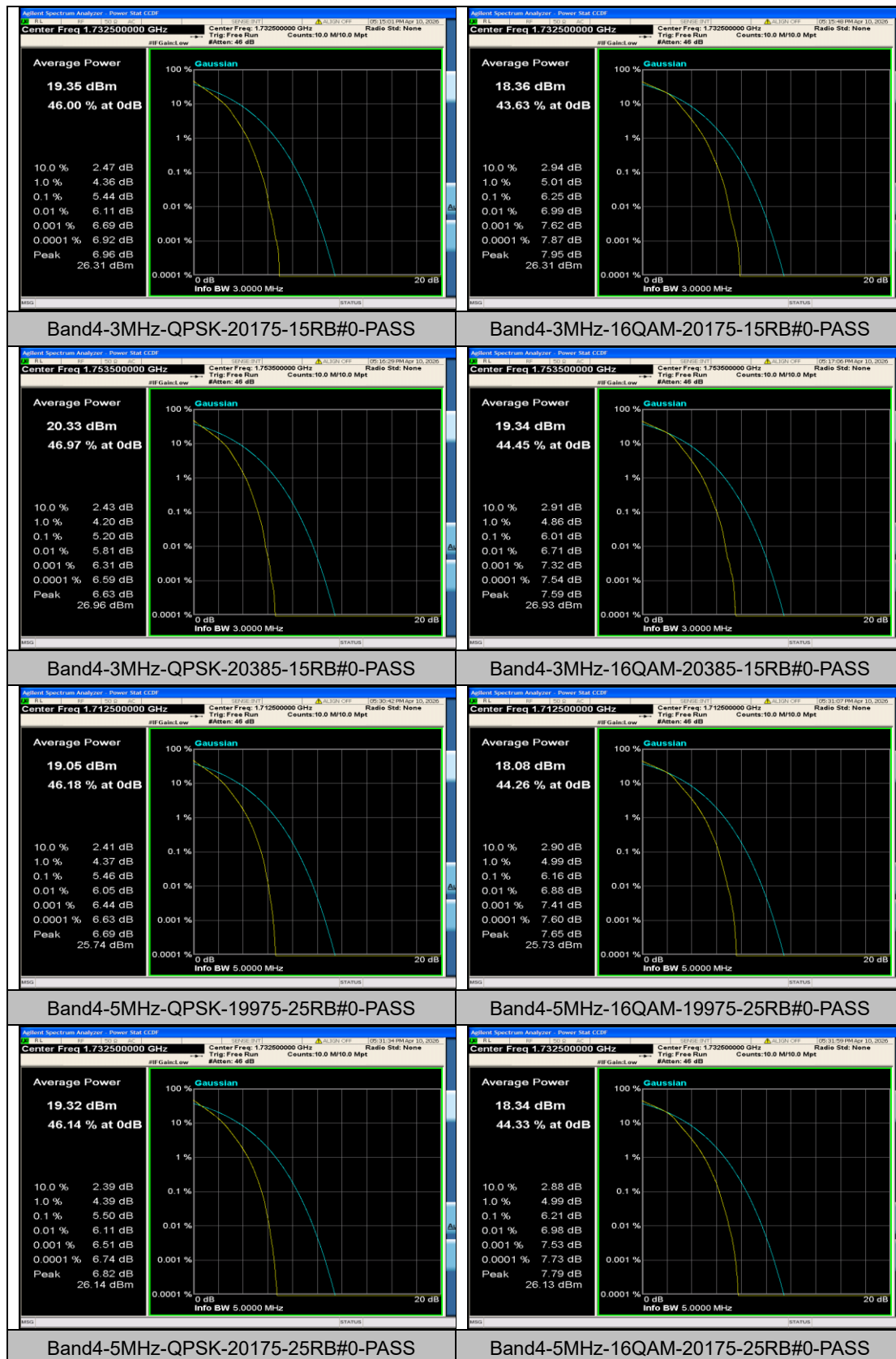
Appendix A: Peak-to-Average Ratio(CCDF)

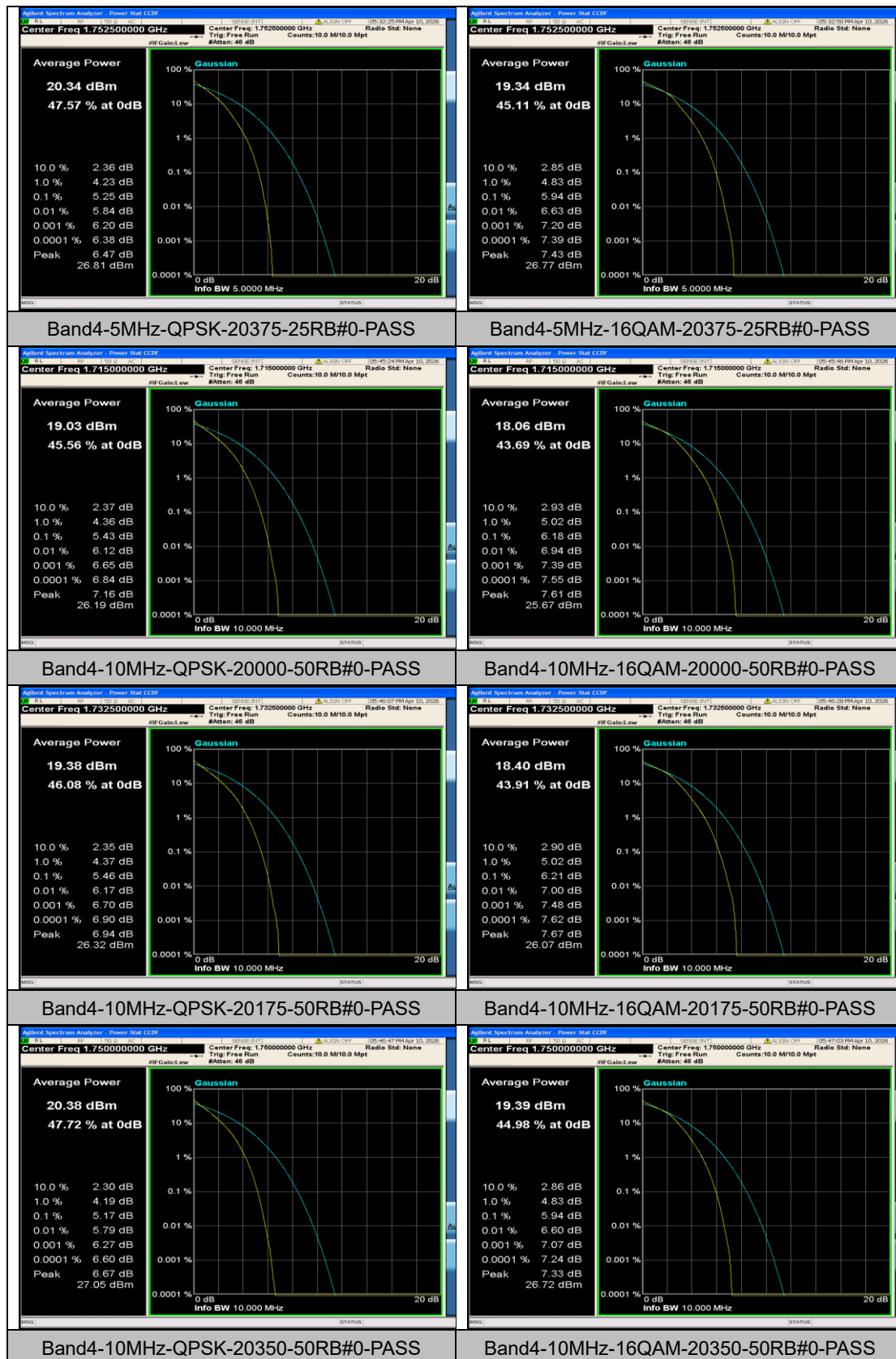
Test Result

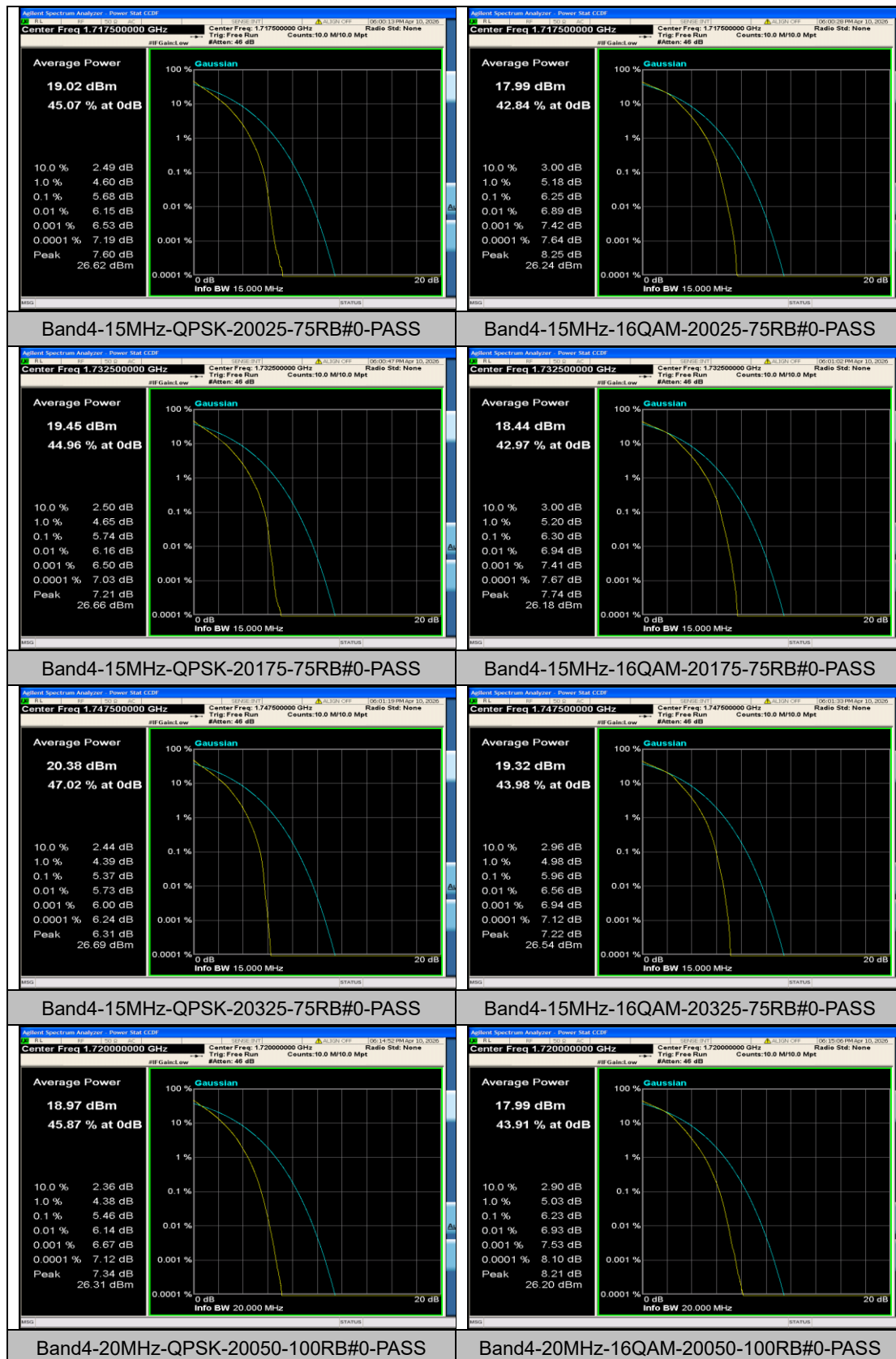
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.15	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.99	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.25	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.10	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.90	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.73	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.36	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.17	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.44	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.25	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.20	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.01	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.46	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.16	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.50	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.21	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.25	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.94	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.43	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.18	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.46	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.21	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.17	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.68	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.25	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.74	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.30	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.37	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.96	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.46	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.23	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.44	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.20	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.19	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.92	13	PASS

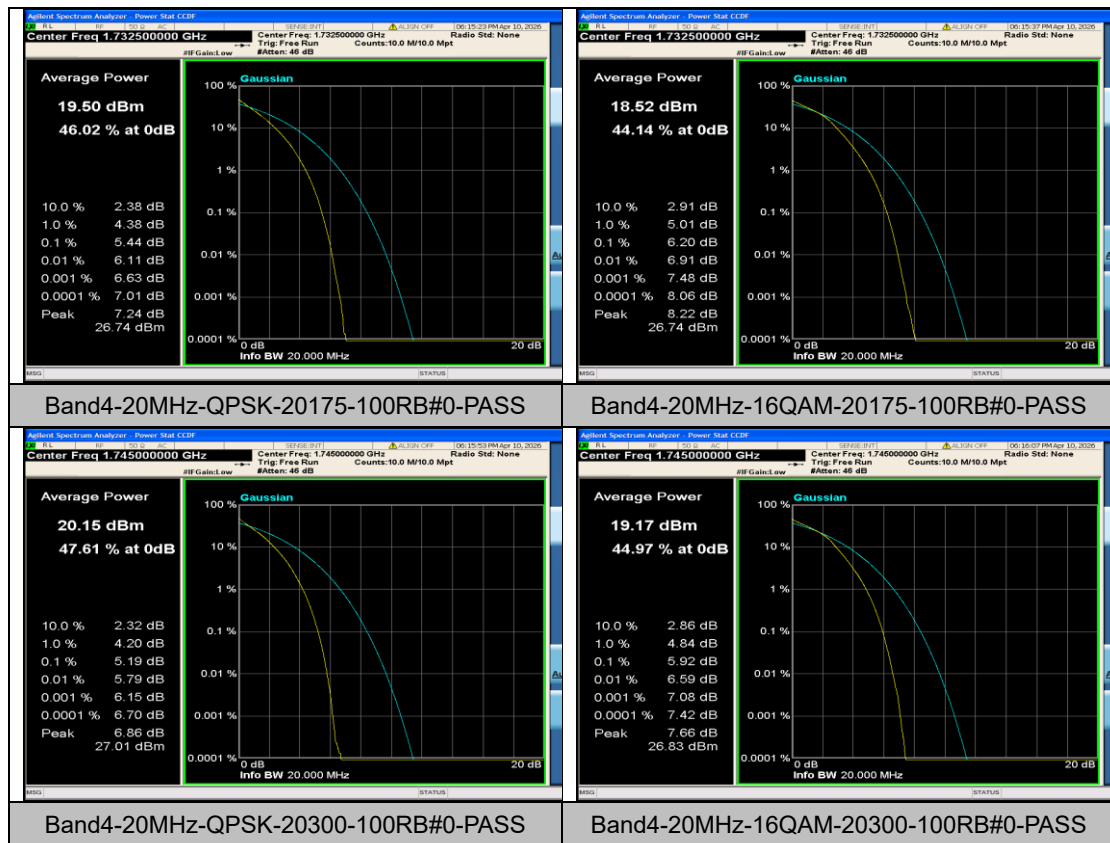
Test Graphs









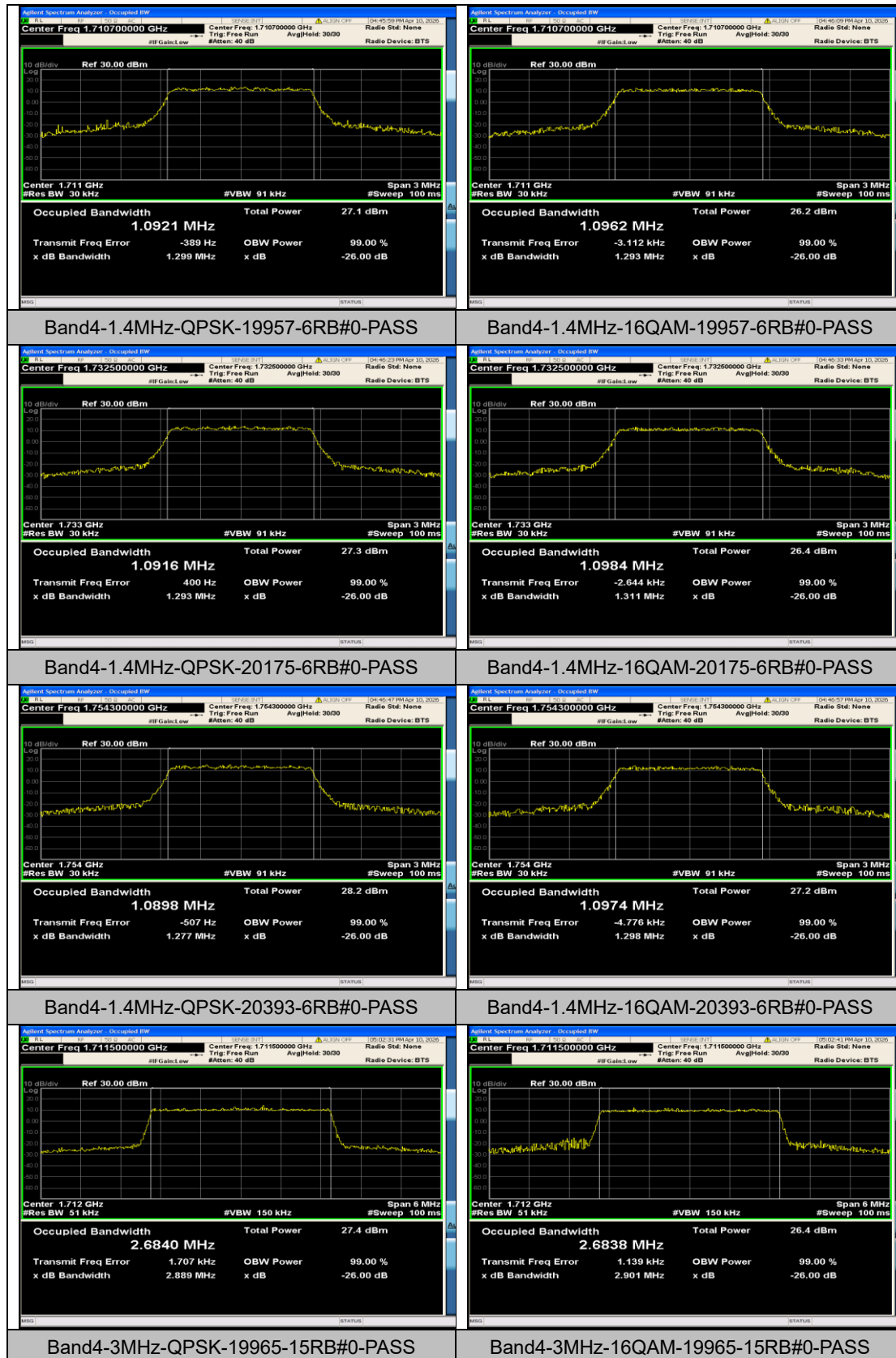


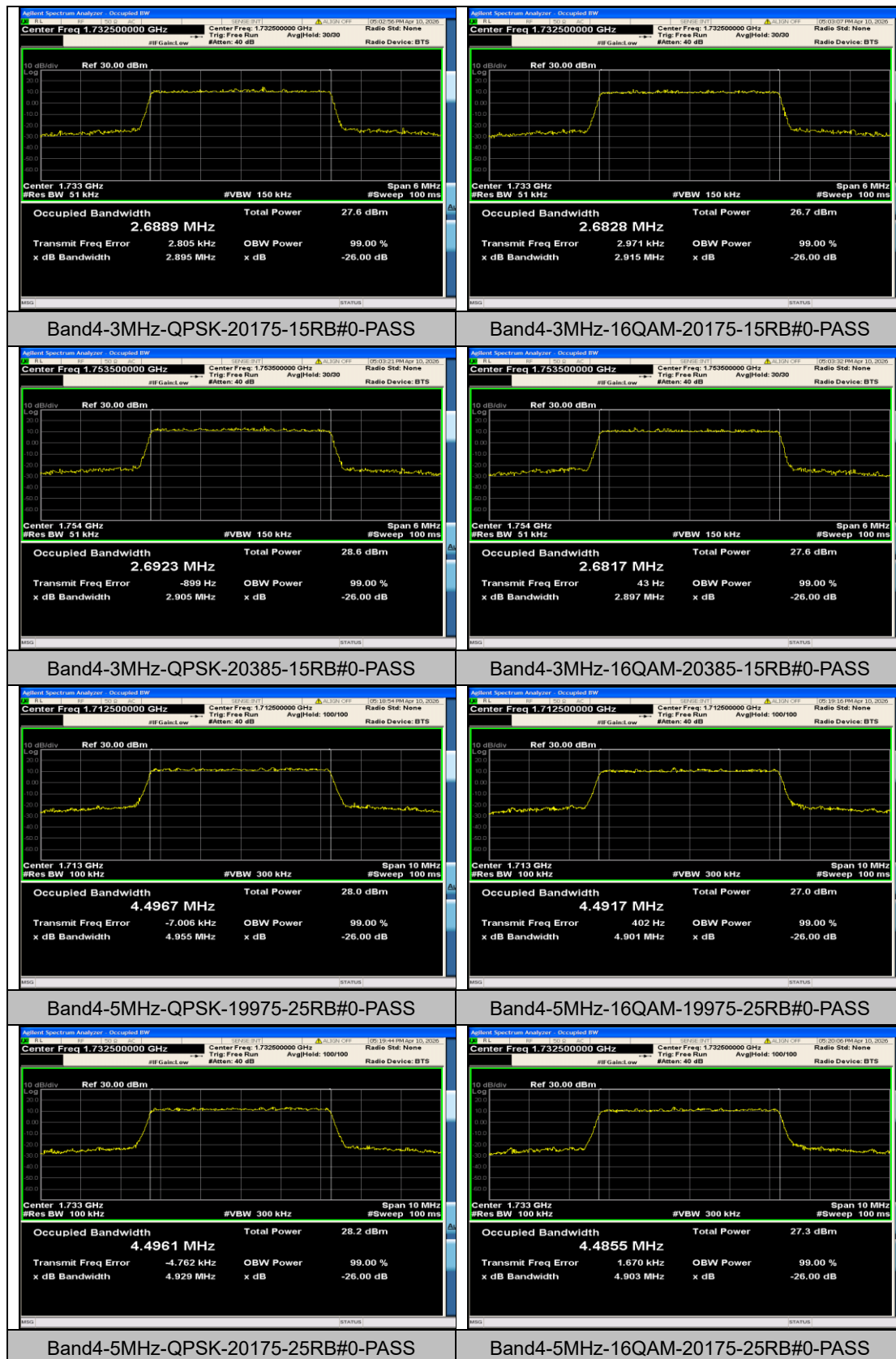
Appendix B: 26dB Bandwidth and Occupied Bandwidth

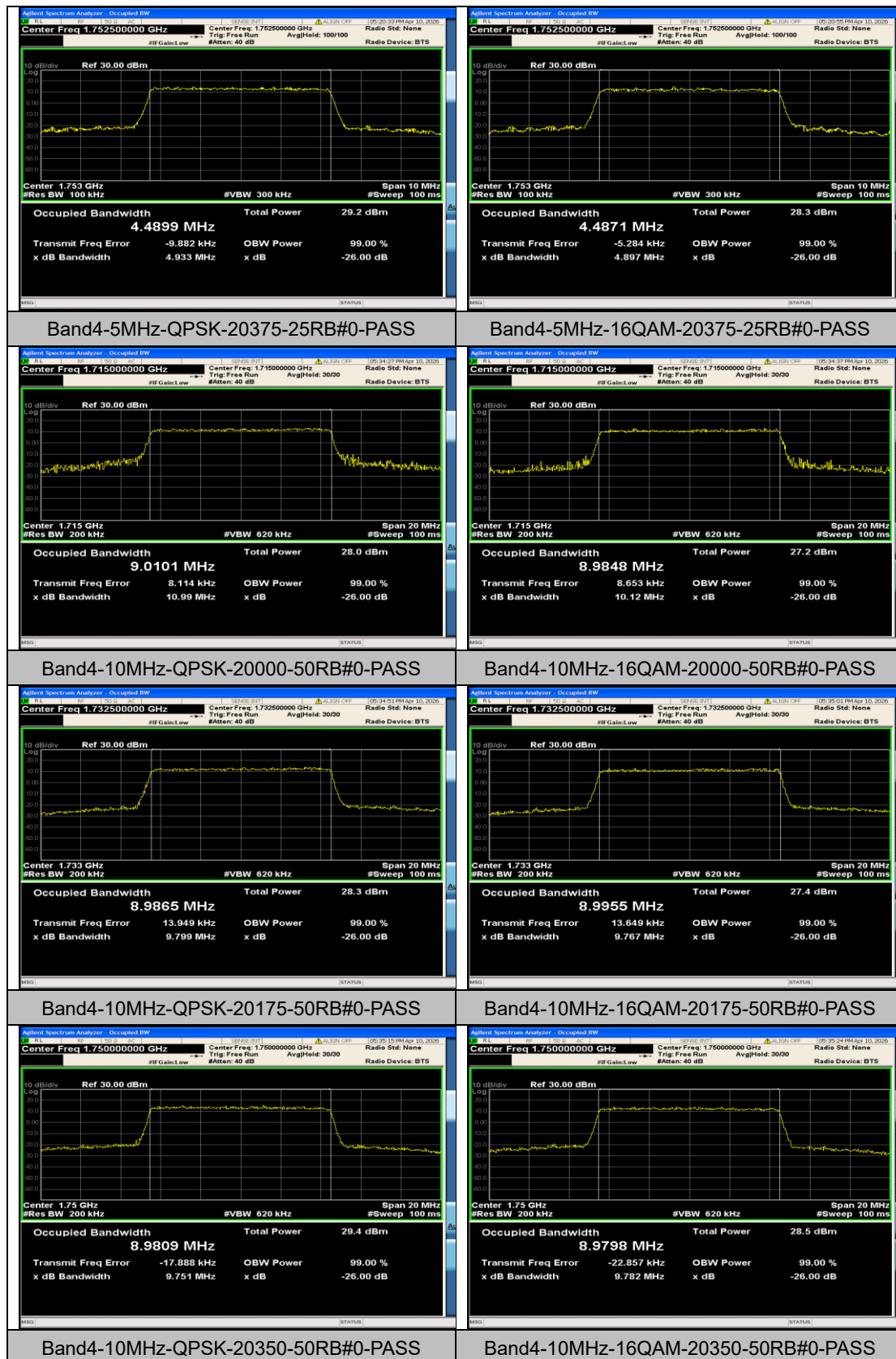
Test Result

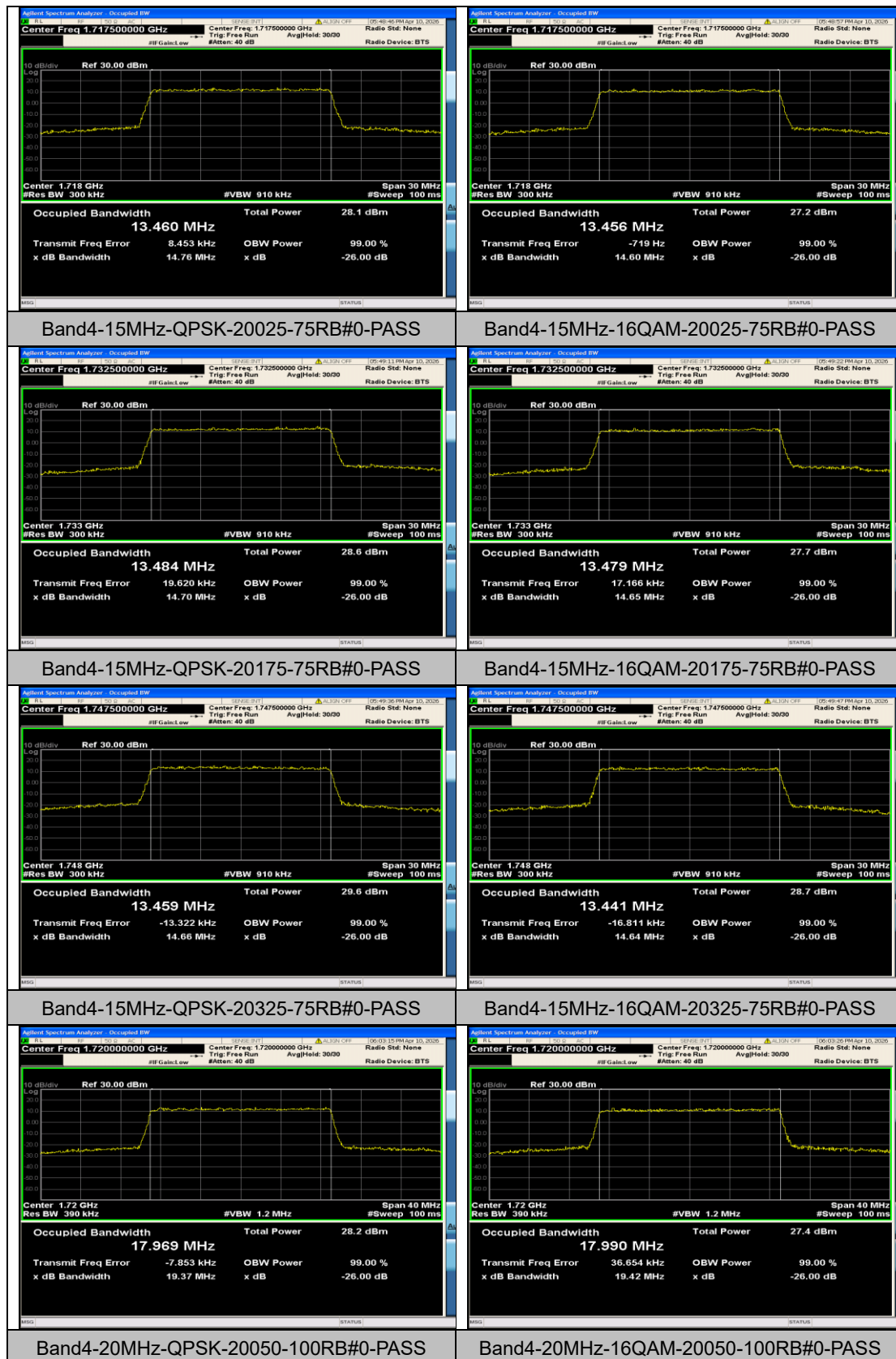
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0921	1.299	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0962	1.293	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0916	1.293	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0984	1.311	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0898	1.277	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0974	1.298	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6840	2.889	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6838	2.901	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6889	2.895	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6828	2.915	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6923	2.905	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6817	2.897	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4967	4.955	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4917	4.901	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.4961	4.929	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4855	4.903	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4899	4.933	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4871	4.897	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0101	10.99	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9848	10.12	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9865	9.799	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9955	9.767	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9809	9.751	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9798	9.782	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.460	14.76	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.456	14.60	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.484	14.70	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.479	14.65	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.459	14.66	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.441	14.64	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.969	19.37	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.990	19.42	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.992	19.32	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.990	19.45	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.920	19.49	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.932	19.31	PASS

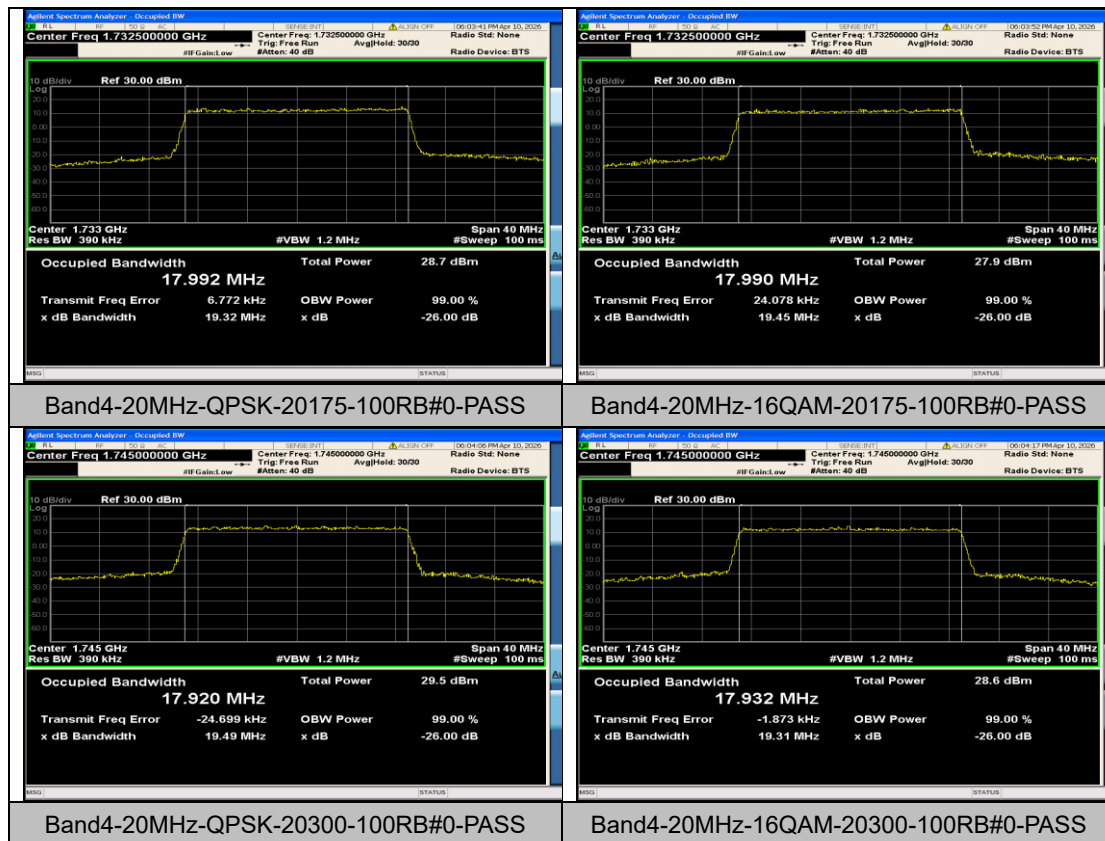
Test Graphs











Appendix C: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-27.57	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-30.76	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-32.02	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.14	PASS
Band4	3MHz	QPSK	19965	15RB#0	-34.36	PASS
Band4	3MHz	16QAM	19965	15RB#0	-36.08	PASS
Band4	3MHz	QPSK	20385	15RB#0	-36.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	-38.68	PASS
Band4	5MHz	QPSK	19975	25RB#0	-35.47	PASS
Band4	5MHz	16QAM	19975	25RB#0	-36.82	PASS
Band4	5MHz	QPSK	20375	25RB#0	-36.54	PASS
Band4	5MHz	16QAM	20375	25RB#0	-39.05	PASS
Band4	10MHz	QPSK	20000	50RB#0	-36.81	PASS
Band4	10MHz	16QAM	20000	50RB#0	-38.41	PASS
Band4	10MHz	QPSK	20350	50RB#0	-37.84	PASS
Band4	10MHz	16QAM	20350	50RB#0	-39.69	PASS
Band4	15MHz	QPSK	20025	75RB#0	-36.24	PASS
Band4	15MHz	16QAM	20025	75RB#0	-38.12	PASS
Band4	15MHz	QPSK	20325	75RB#0	-35.55	PASS
Band4	15MHz	16QAM	20325	75RB#0	-38.48	PASS
Band4	20MHz	QPSK	20050	100RB#0	-37.54	PASS
Band4	20MHz	16QAM	20050	100RB#0	-38.87	PASS
Band4	20MHz	QPSK	20300	100RB#0	-37.24	PASS
Band4	20MHz	16QAM	20300	100RB#0	-39.43	PASS

Test Graphs

