

FCC LTE Band Test Data

FCC ID : 2AVYL-ZEUSS68

Company: : Shenzhen Eternity Technology Co., Ltd

EUT : smart phone

Model Number : ZEUSS68

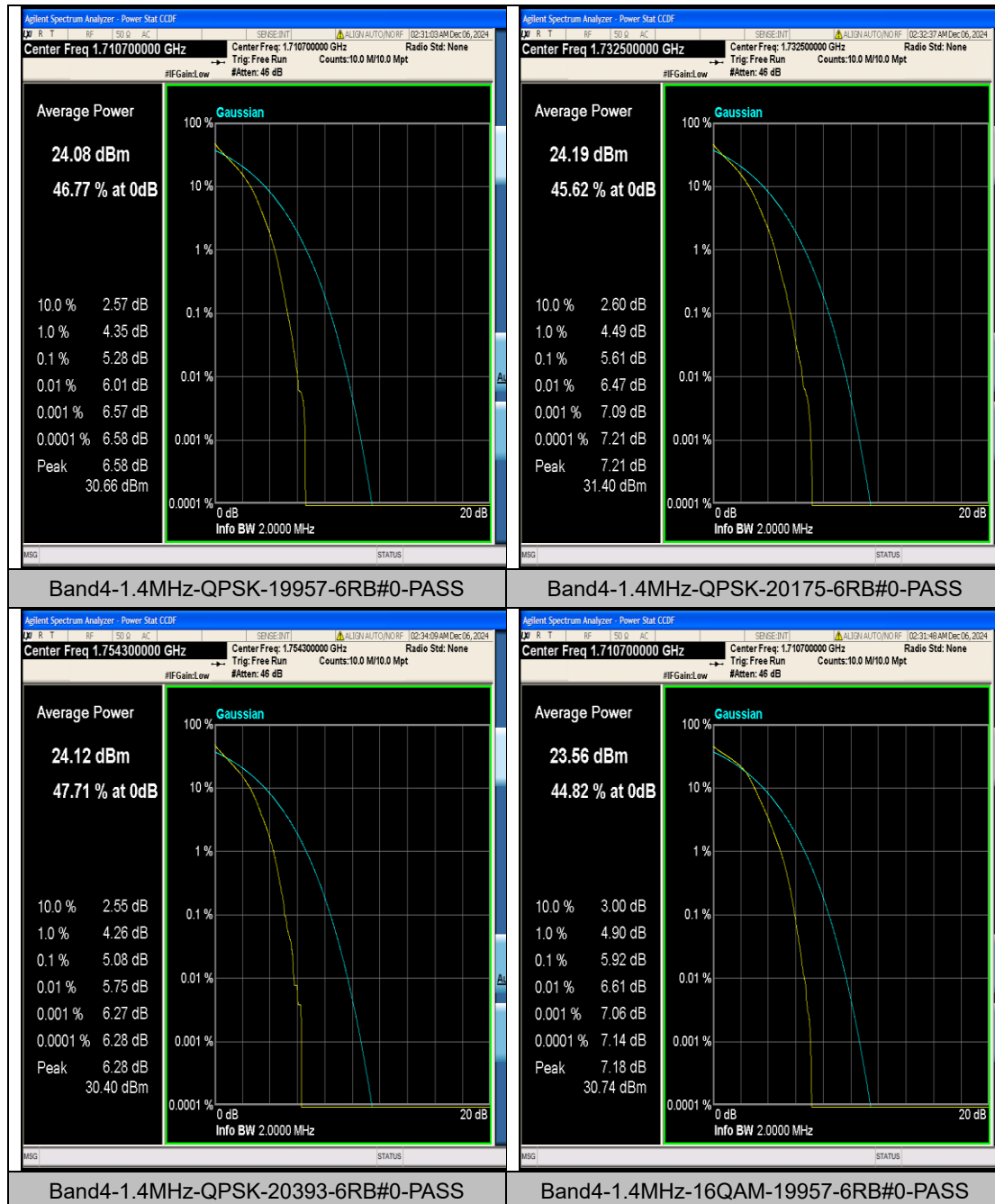
Reviewed By : Eric Wang

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

Test Result

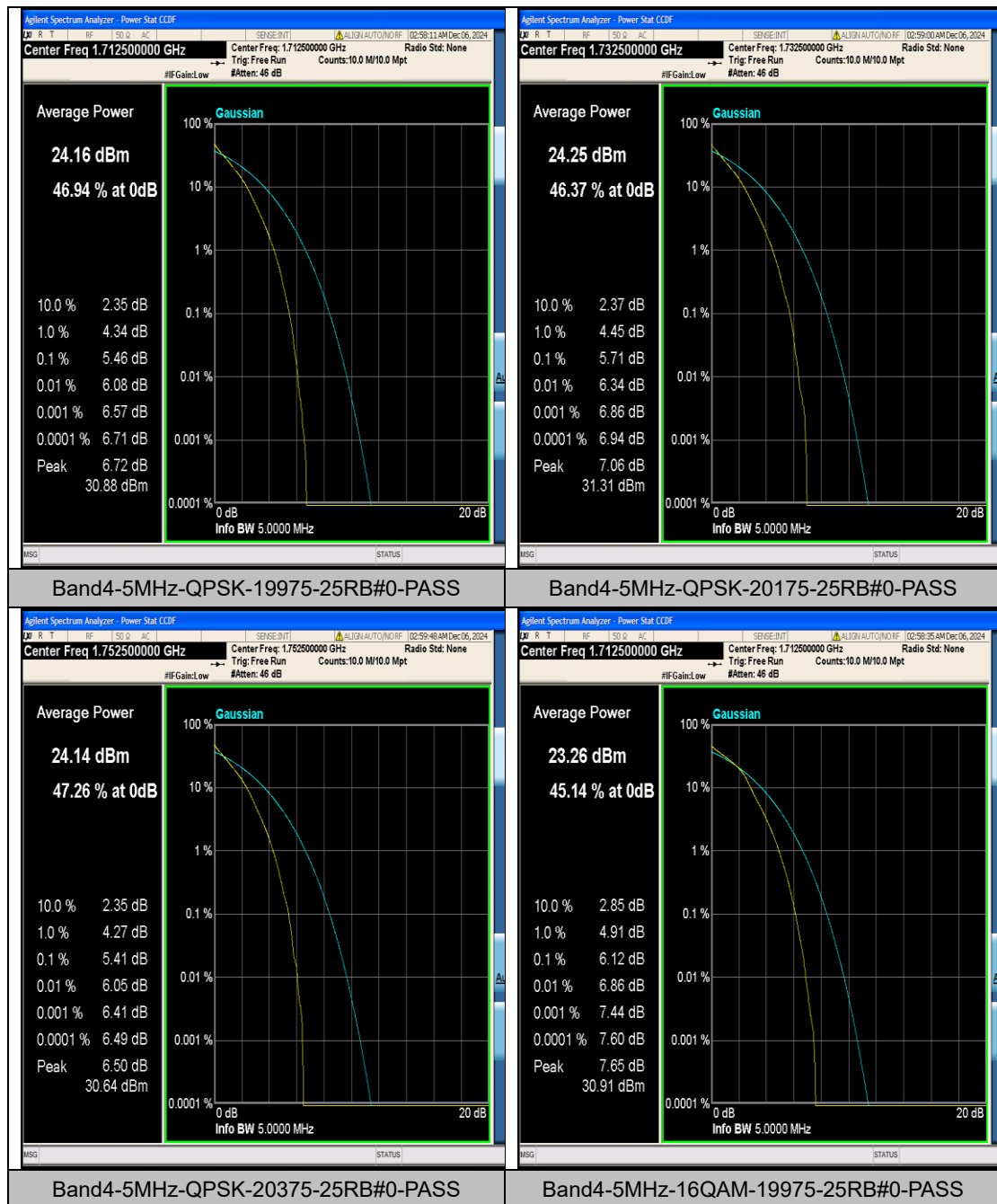
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.28	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.61	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.08	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.92	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.39	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.85	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.42	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.67	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.35	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.13	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.52	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.06	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.46	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.71	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.41	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.12	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.34	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.98	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.46	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.66	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.40	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.22	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.42	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.15	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.80	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.94	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.73	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.32	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.47	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.27	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.54	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.67	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.57	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.31	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.38	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.24	13	PASS

Test Graphs







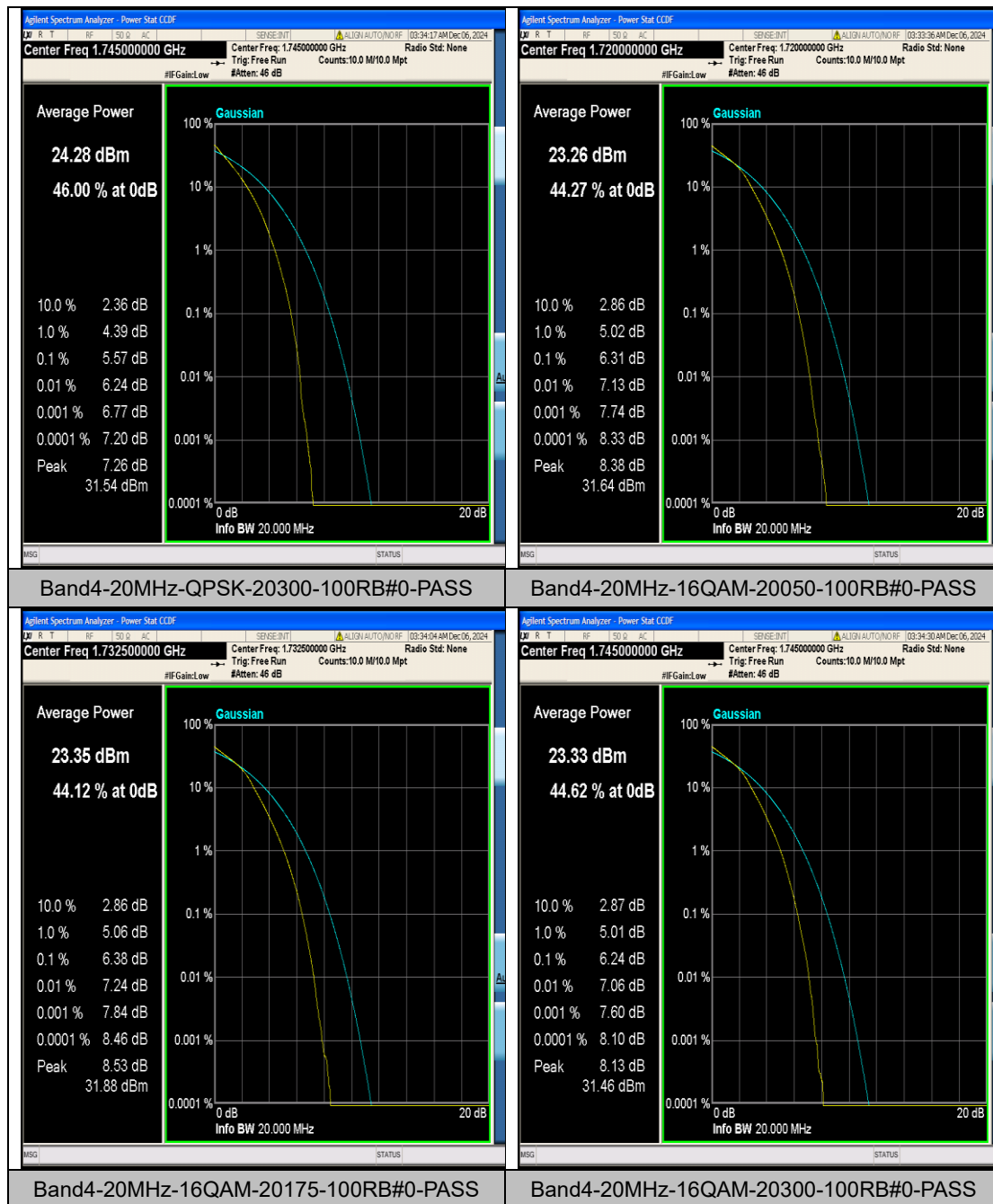












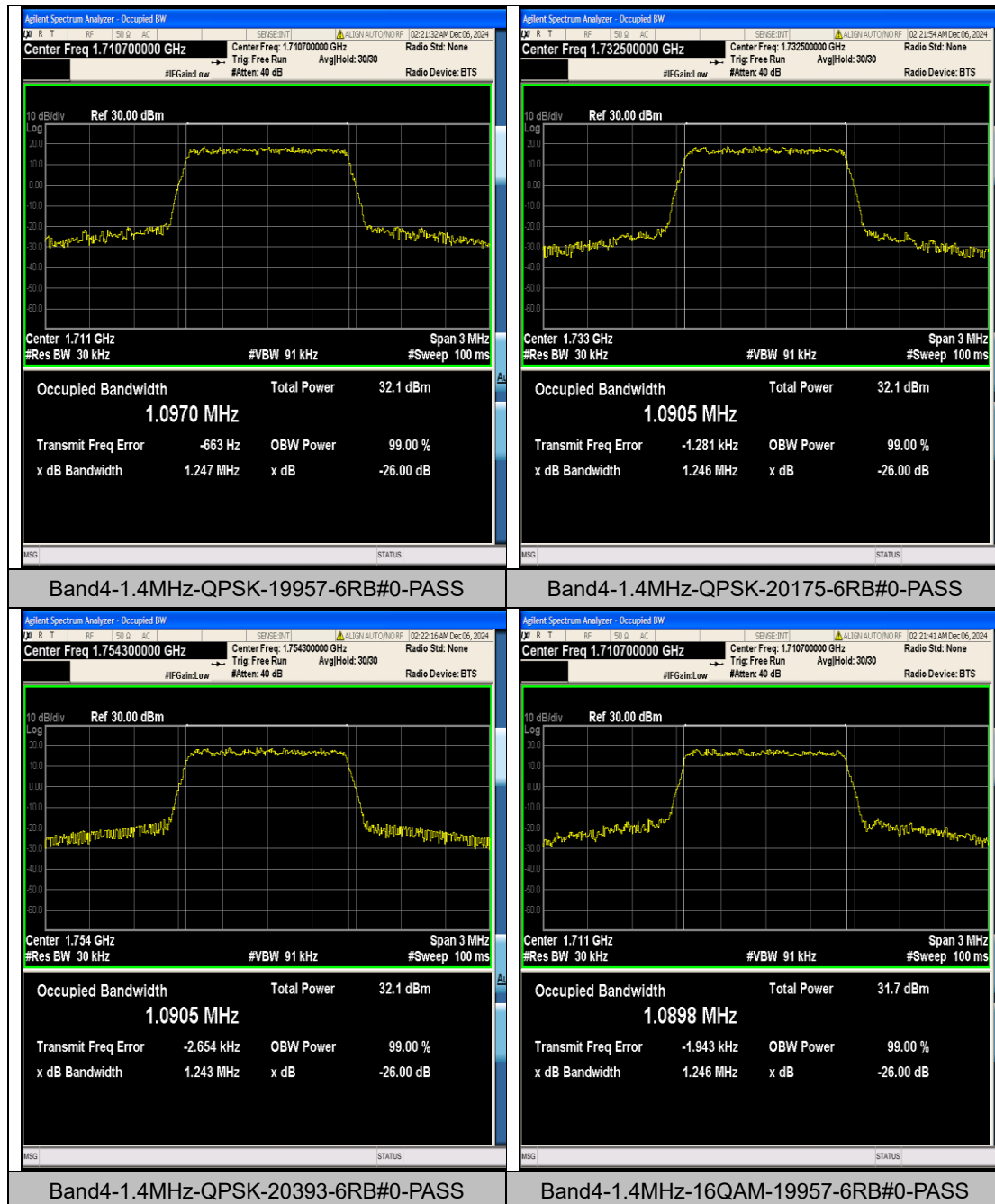
Appendix C: 26dB Bandwidth and Occupied Bandwidth

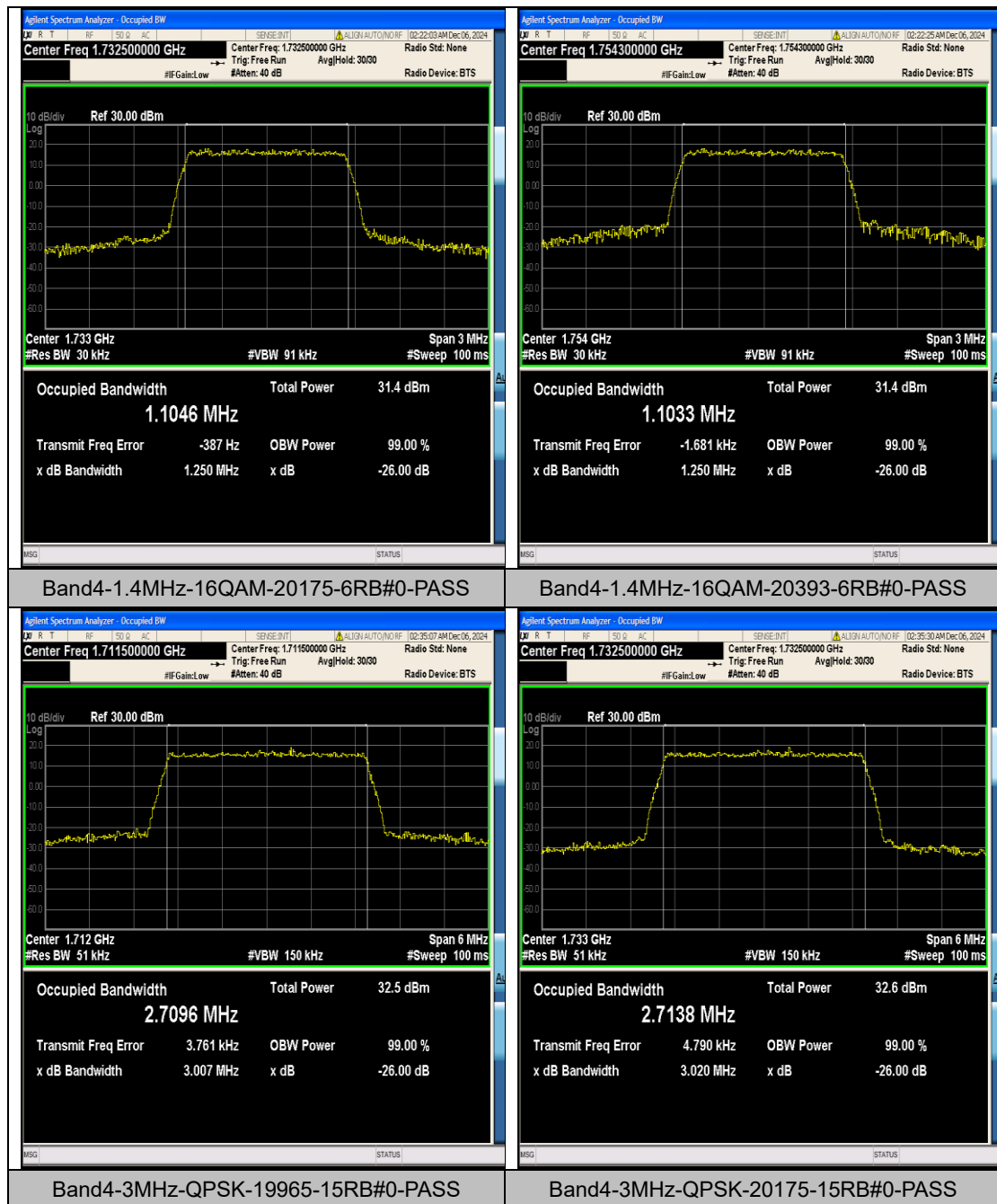
Test Result

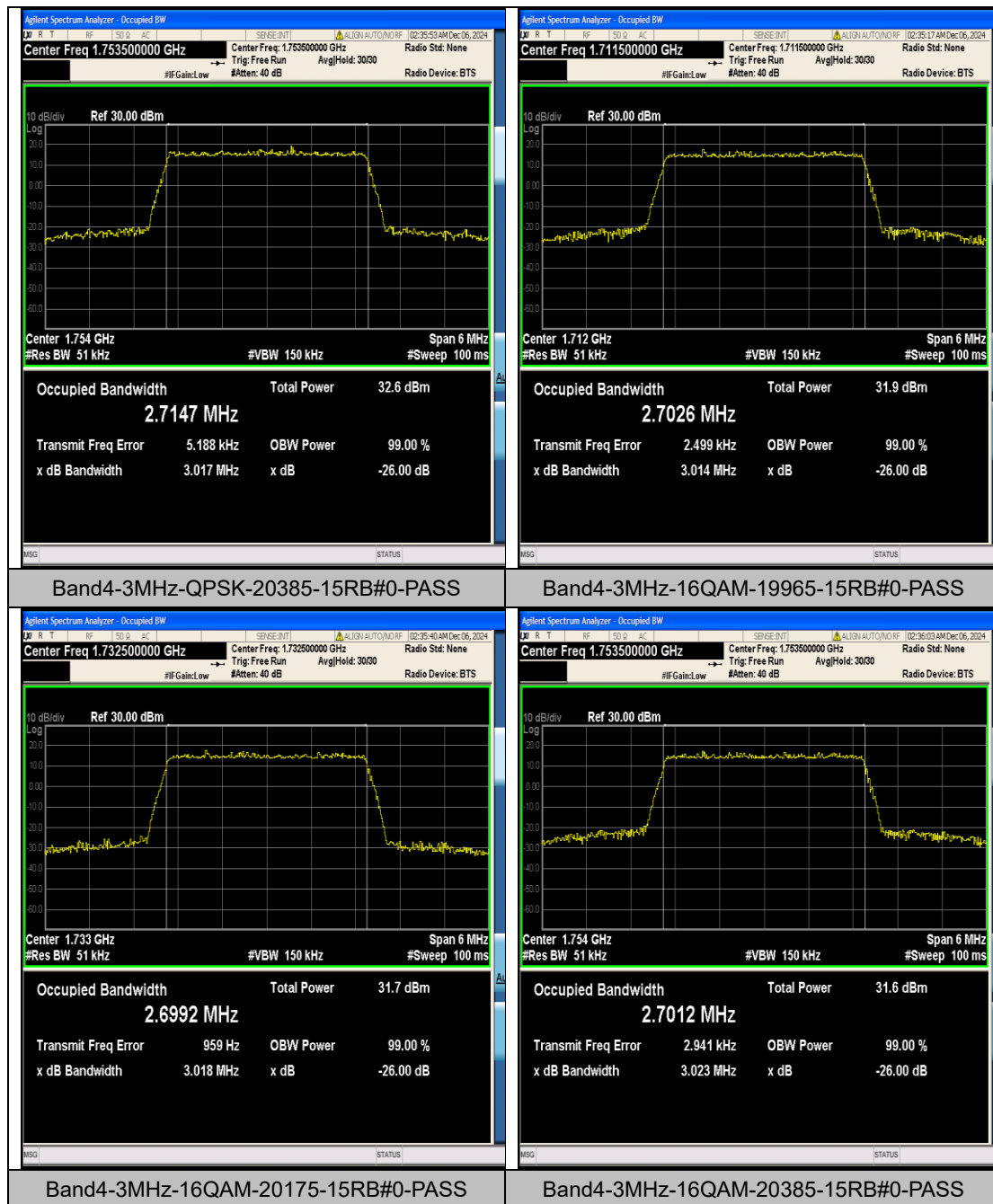
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0970	1.247	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0905	1.246	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0905	1.243	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0898	1.246	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1046	1.250	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1033	1.250	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7096	3.007	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7138	3.020	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7147	3.017	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7026	3.014	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6992	3.018	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7012	3.023	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5090	4.977	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5075	4.973	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5110	4.977	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5037	4.962	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5023	4.965	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.4995	4.969	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9916	9.893	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9924	9.888	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0031	9.932	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9778	9.923	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9980	9.932	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0041	9.910	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.507	14.92	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.511	15.01	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.506	15.02	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.485	14.96	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.499	14.96	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.502	14.87	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.962	19.74	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.008	19.71	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.014	19.85	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.991	19.76	PASS

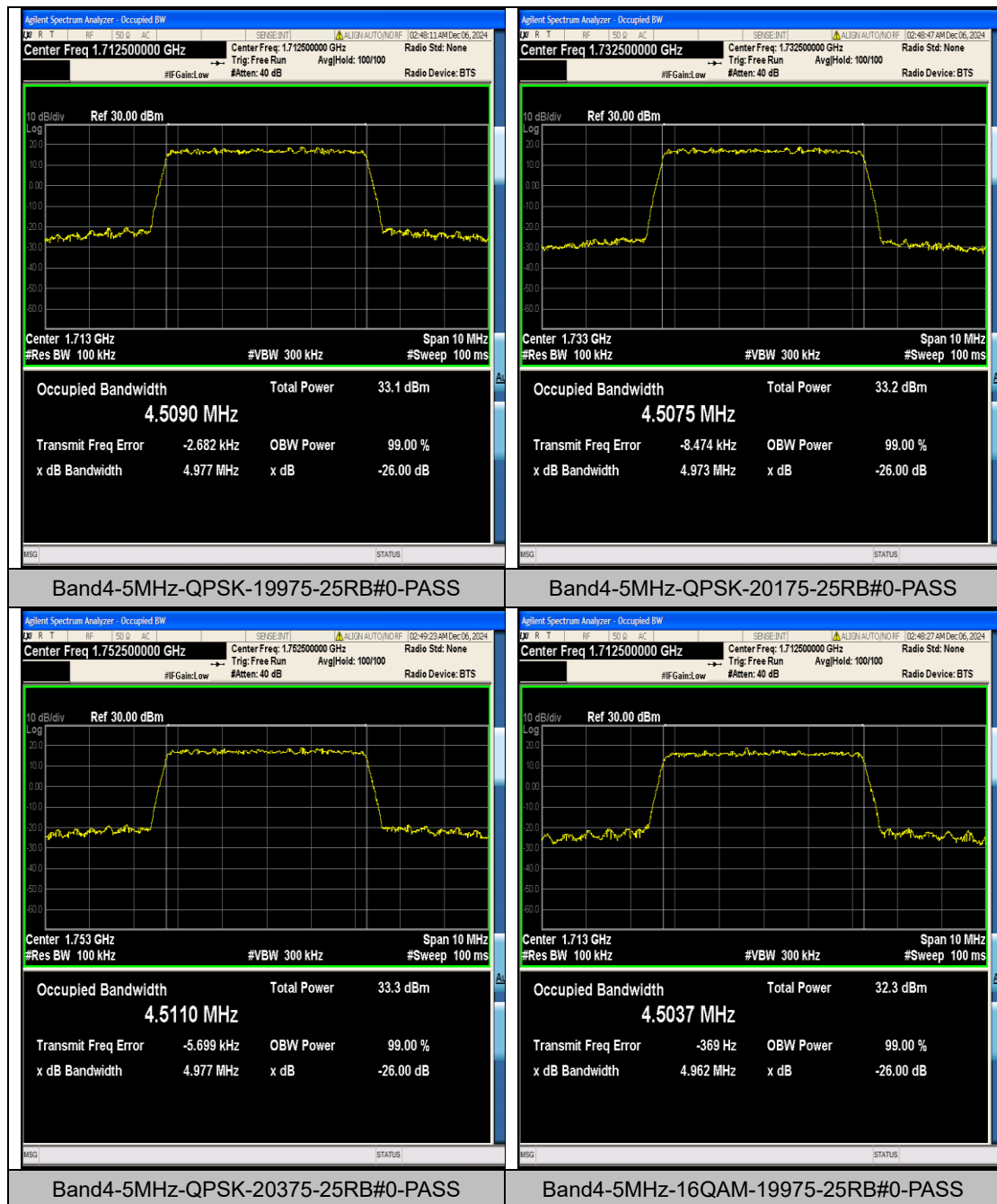
Band4	20MHz	16QAM	20175	100RB#0	18.024	19.68	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.025	19.77	PASS

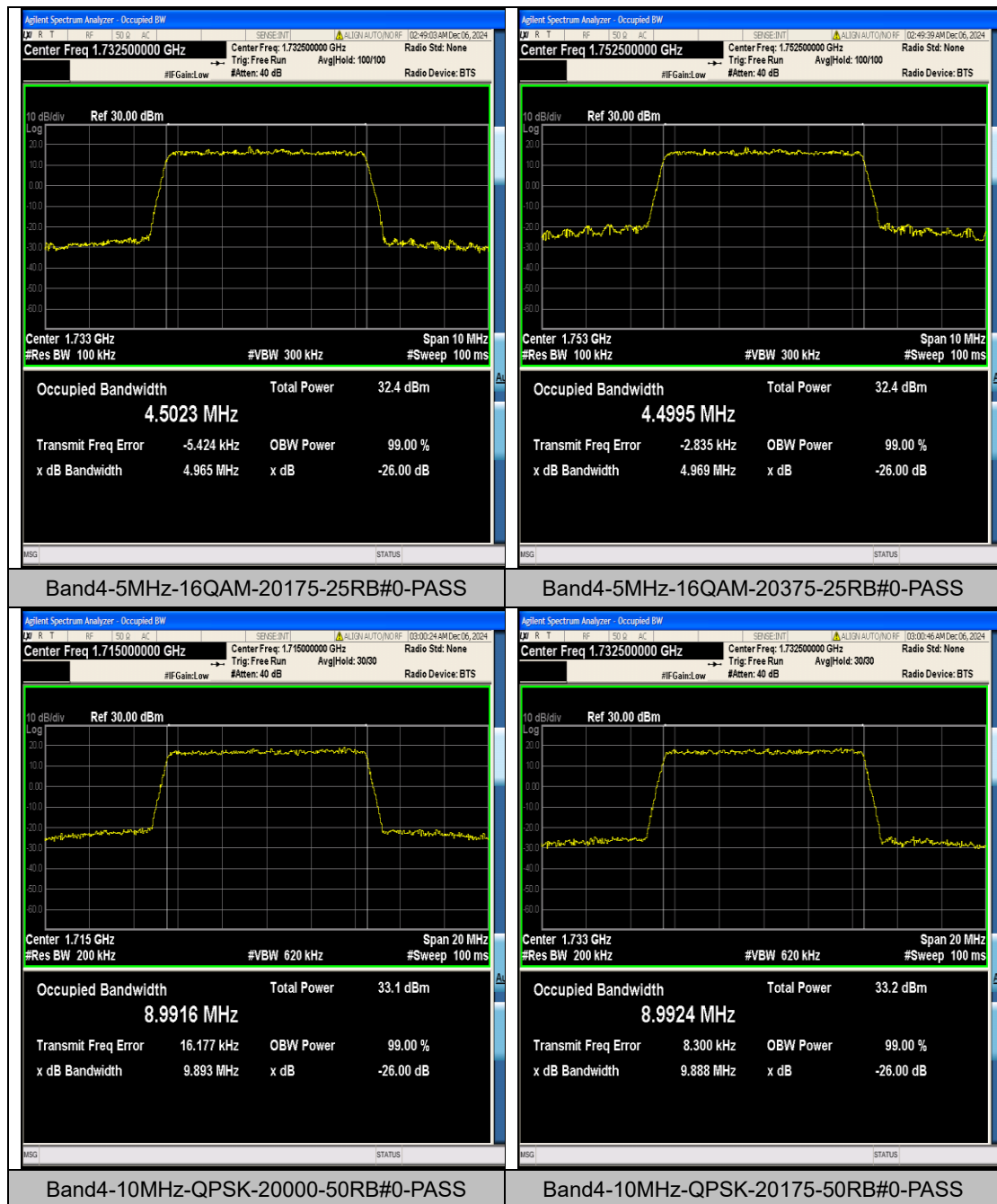
Test Graphs

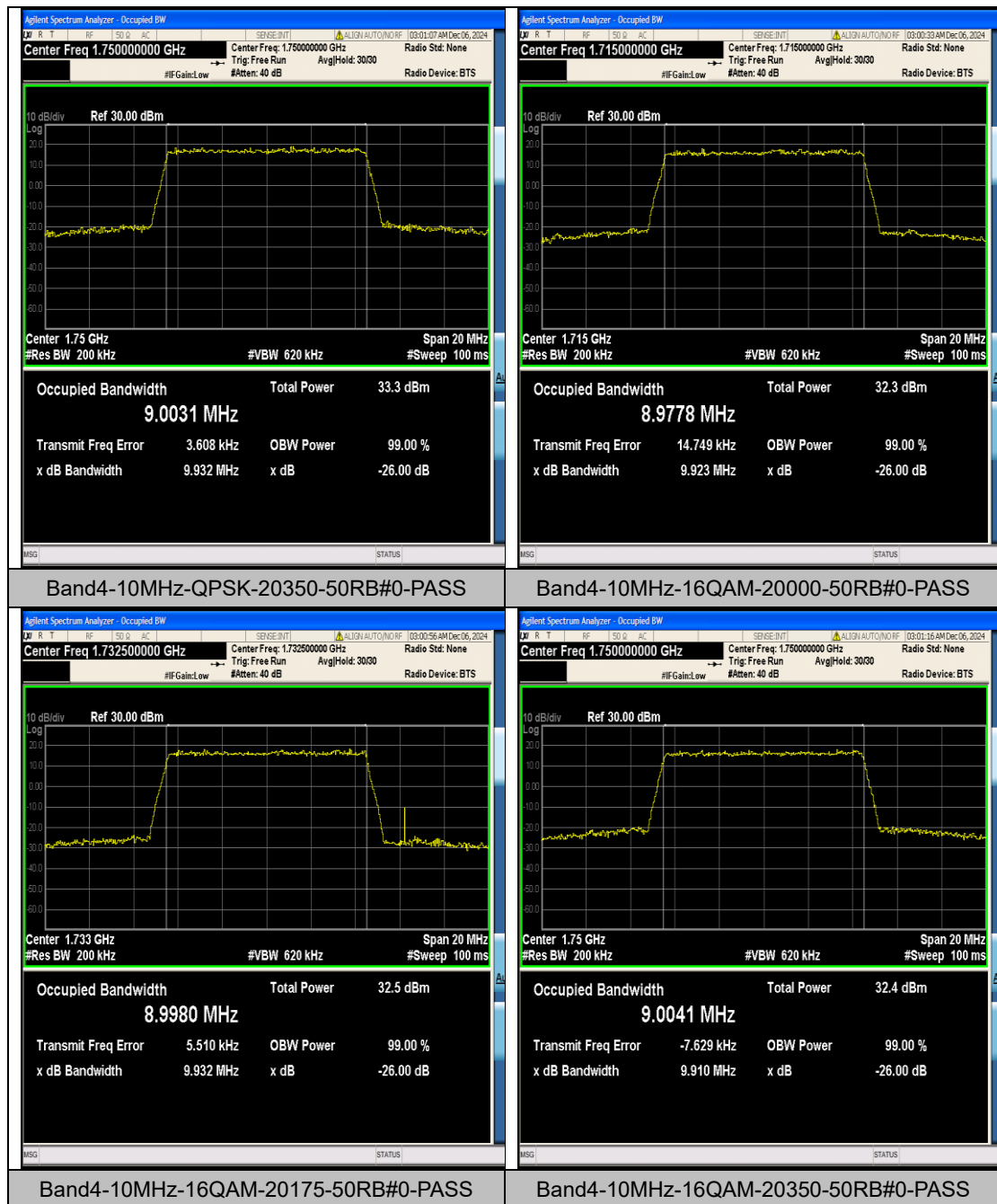


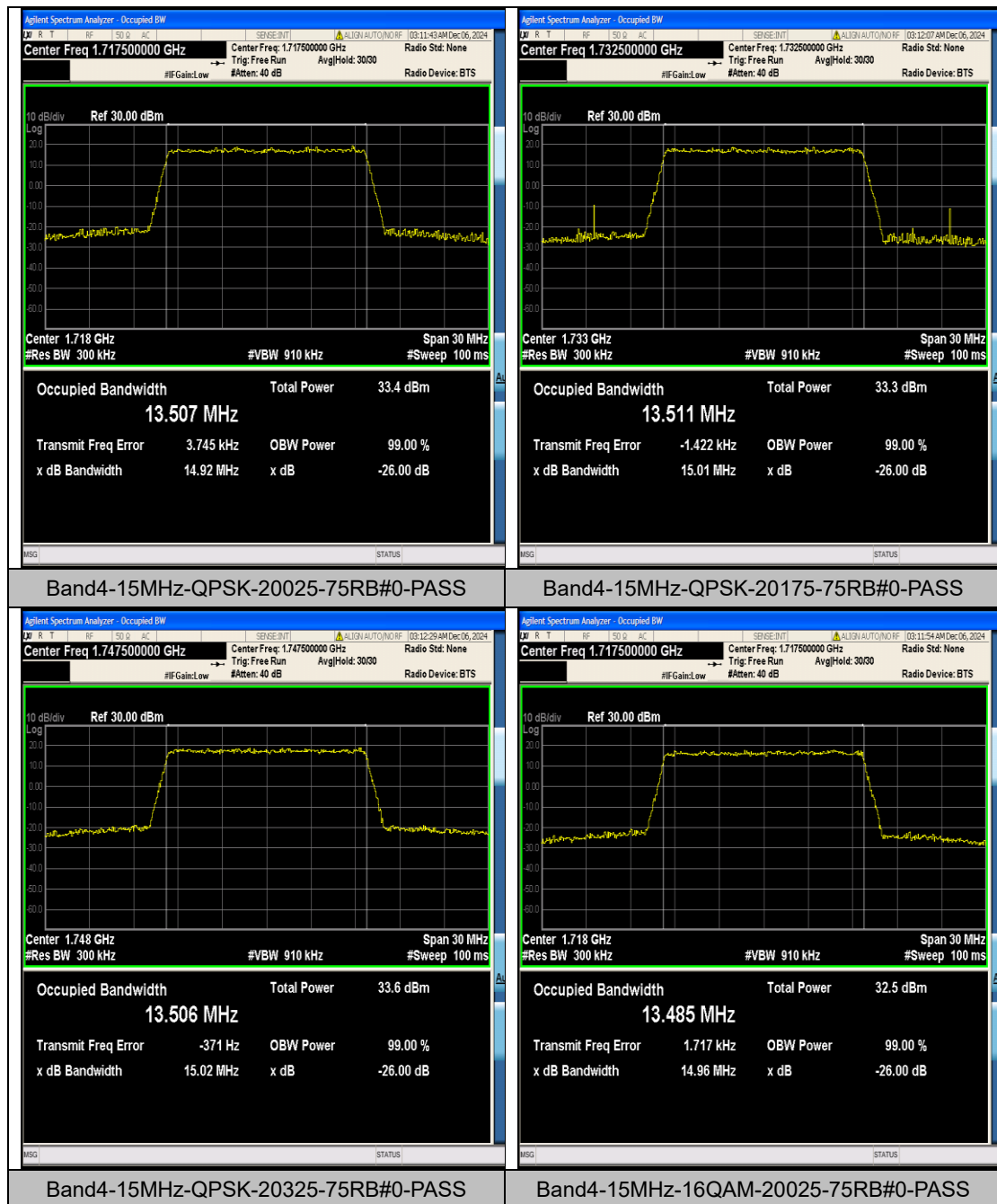


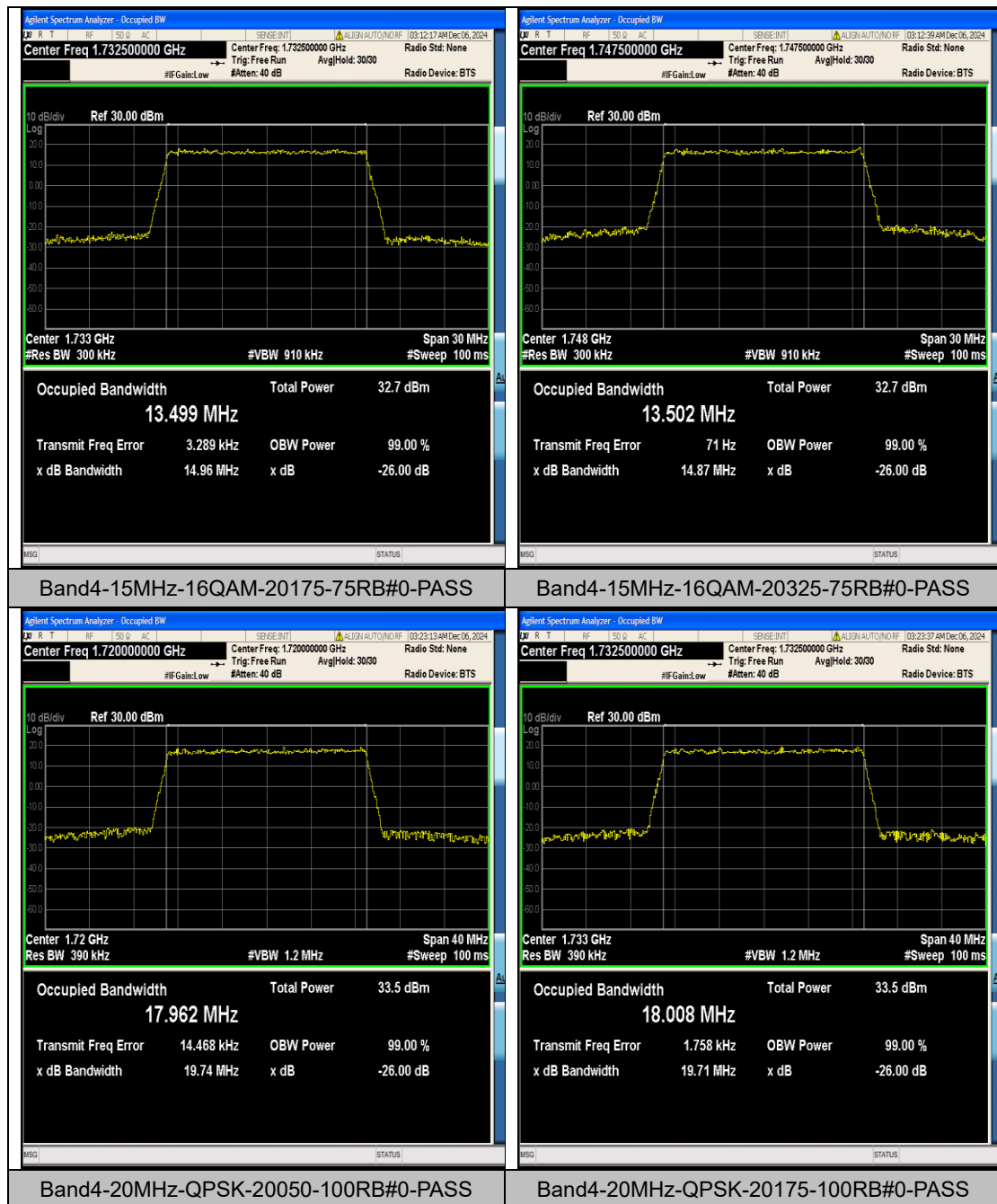


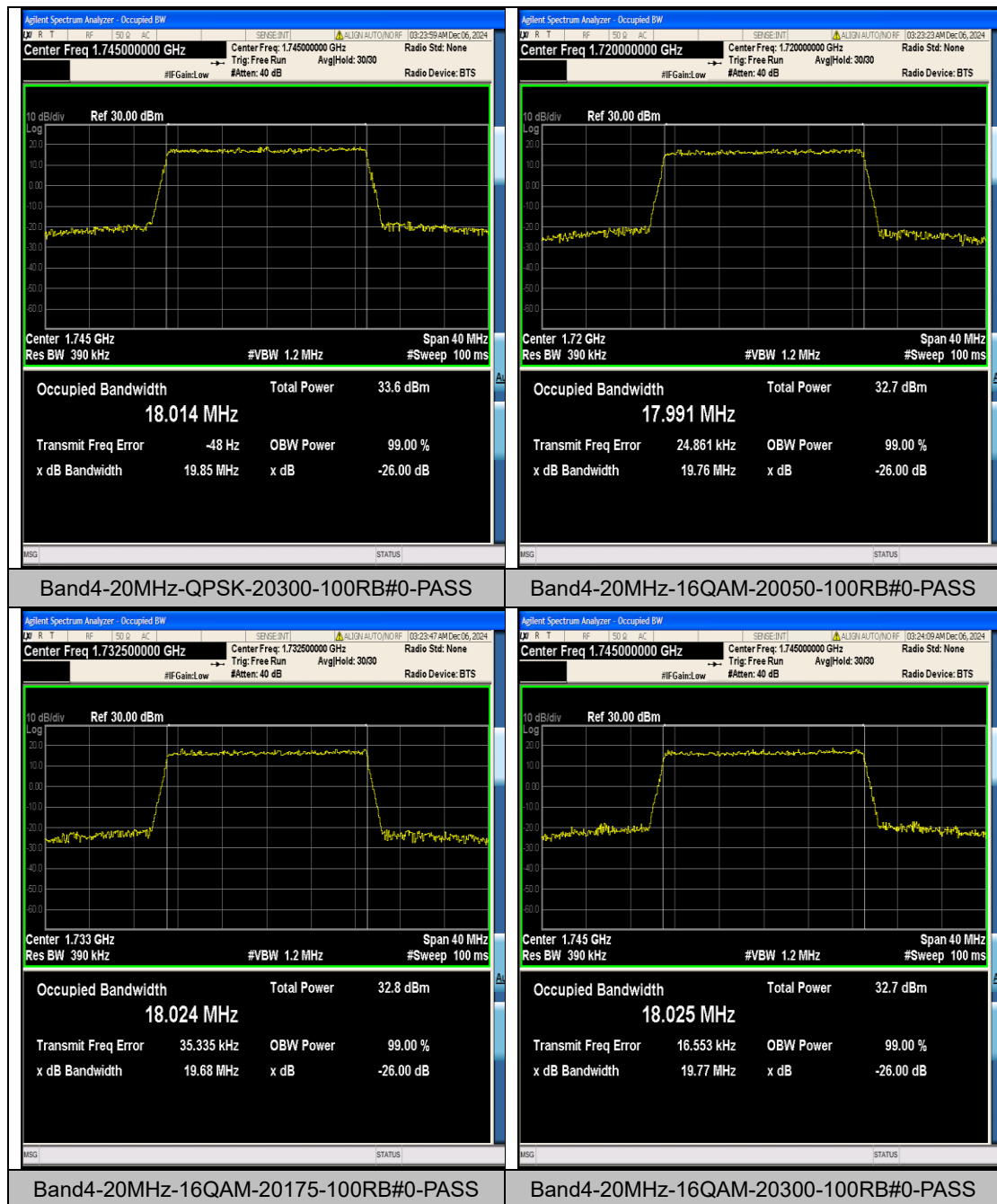












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-32.01	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.87	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-32.20	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.03	PASS
Band4	3MHz	QPSK	19965	15RB#0	-27.42	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.67	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.72	PASS
Band4	3MHz	16QAM	20385	15RB#0	-29.48	PASS
Band4	5MHz	QPSK	19975	25RB#0	-30.81	PASS
Band4	5MHz	QPSK	20375	25RB#0	-31.06	PASS
Band4	5MHz	16QAM	19975	25RB#0	-31.57	PASS
Band4	5MHz	16QAM	20375	25RB#0	-32.44	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.70	PASS
Band4	10MHz	QPSK	20350	50RB#0	-31.66	PASS
Band4	10MHz	16QAM	20000	50RB#0	-33.39	PASS
Band4	10MHz	16QAM	20350	50RB#0	-34.34	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.14	PASS
Band4	15MHz	QPSK	20325	75RB#0	-32.35	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.61	PASS
Band4	15MHz	16QAM	20325	75RB#0	-35.07	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.53	PASS
Band4	20MHz	16QAM	20050	100RB#0	-34.72	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.28	PASS

Test Graphs

