

FCC LTE Band Test Data

FCC ID : 2BE8S-U100

Company: : Shenzhen kehuitong Technology Co., Ltd

EUT : mobile phone

Model Number : U24

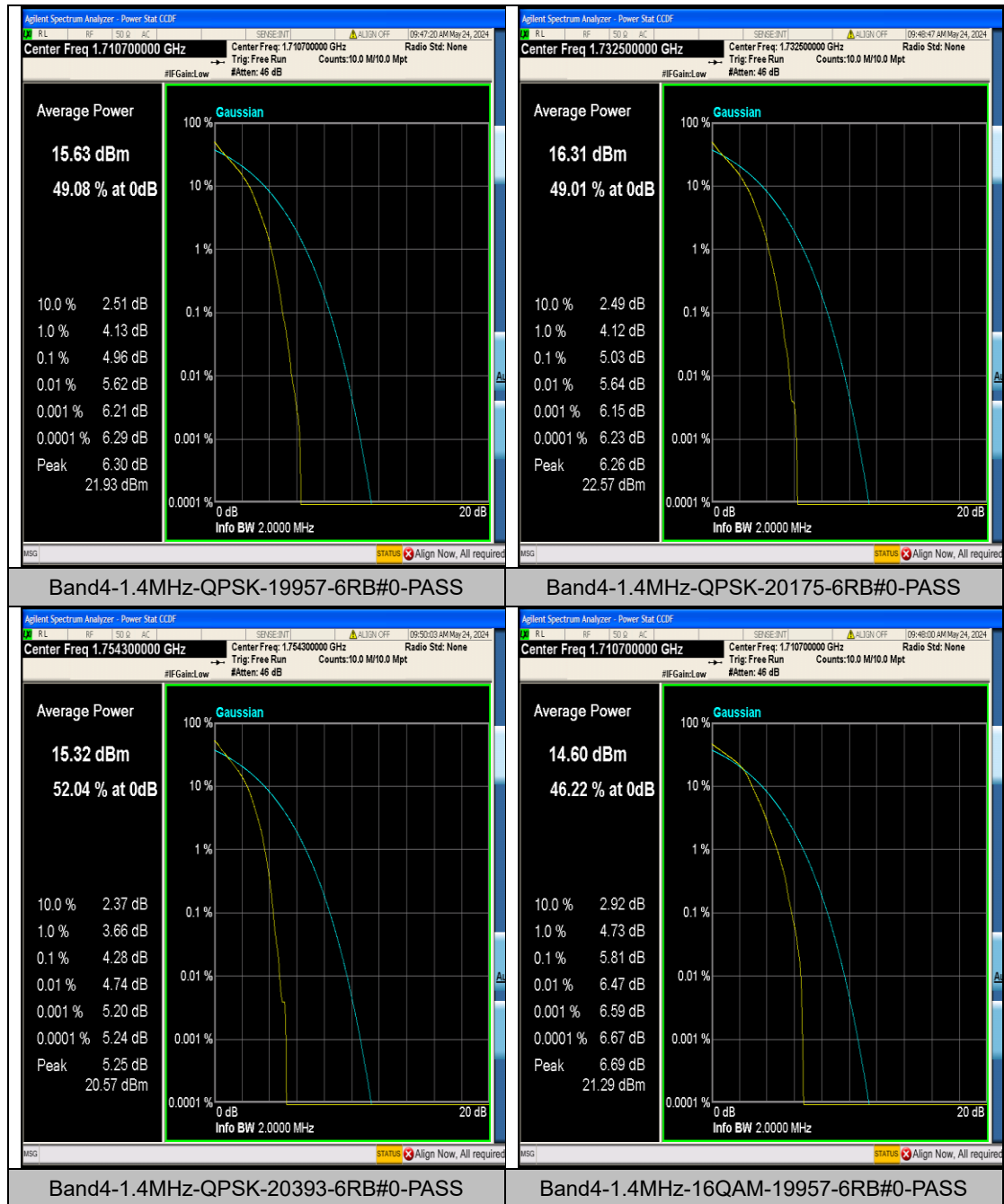
Reviewed By : Eric Wang

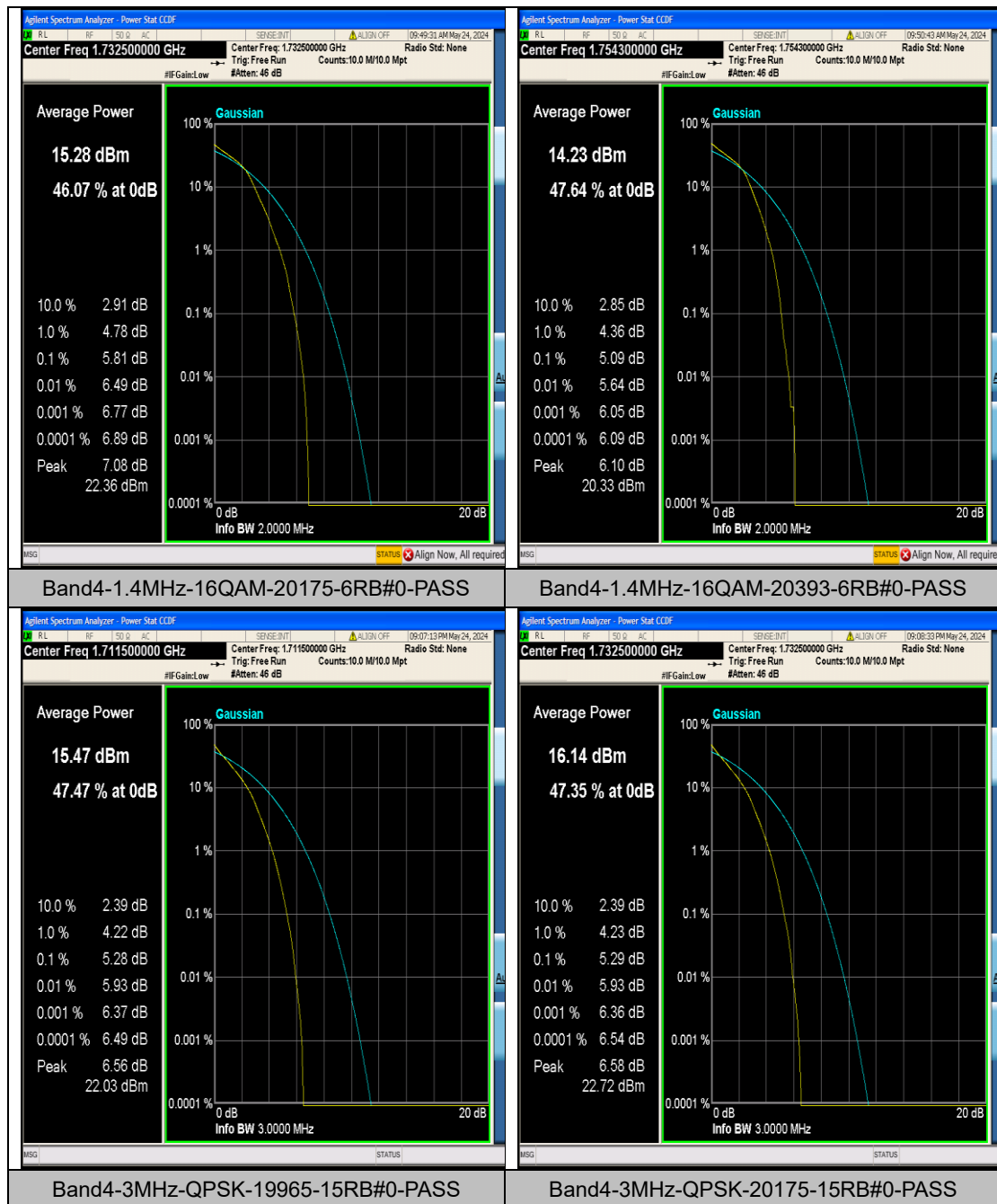
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

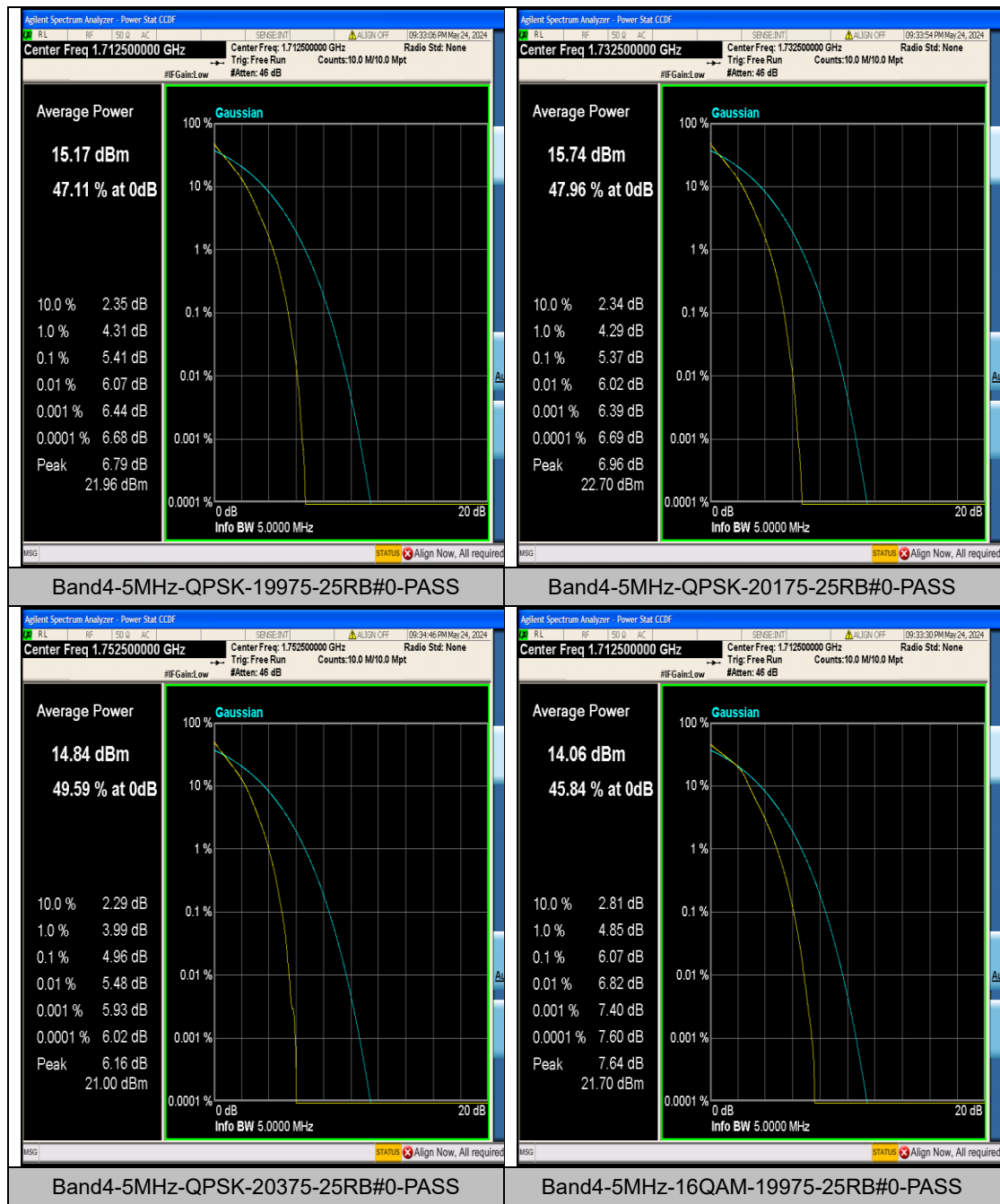
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.96	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.03	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.28	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.81	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.81	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.09	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.28	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.29	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.75	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.04	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.02	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.53	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.41	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.37	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.96	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.07	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.06	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.64	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.37	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.25	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.89	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.09	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.01	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.62	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.70	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.56	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.13	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.23	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.10	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.75	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.30	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.98	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.15	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.03	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.72	13	PASS

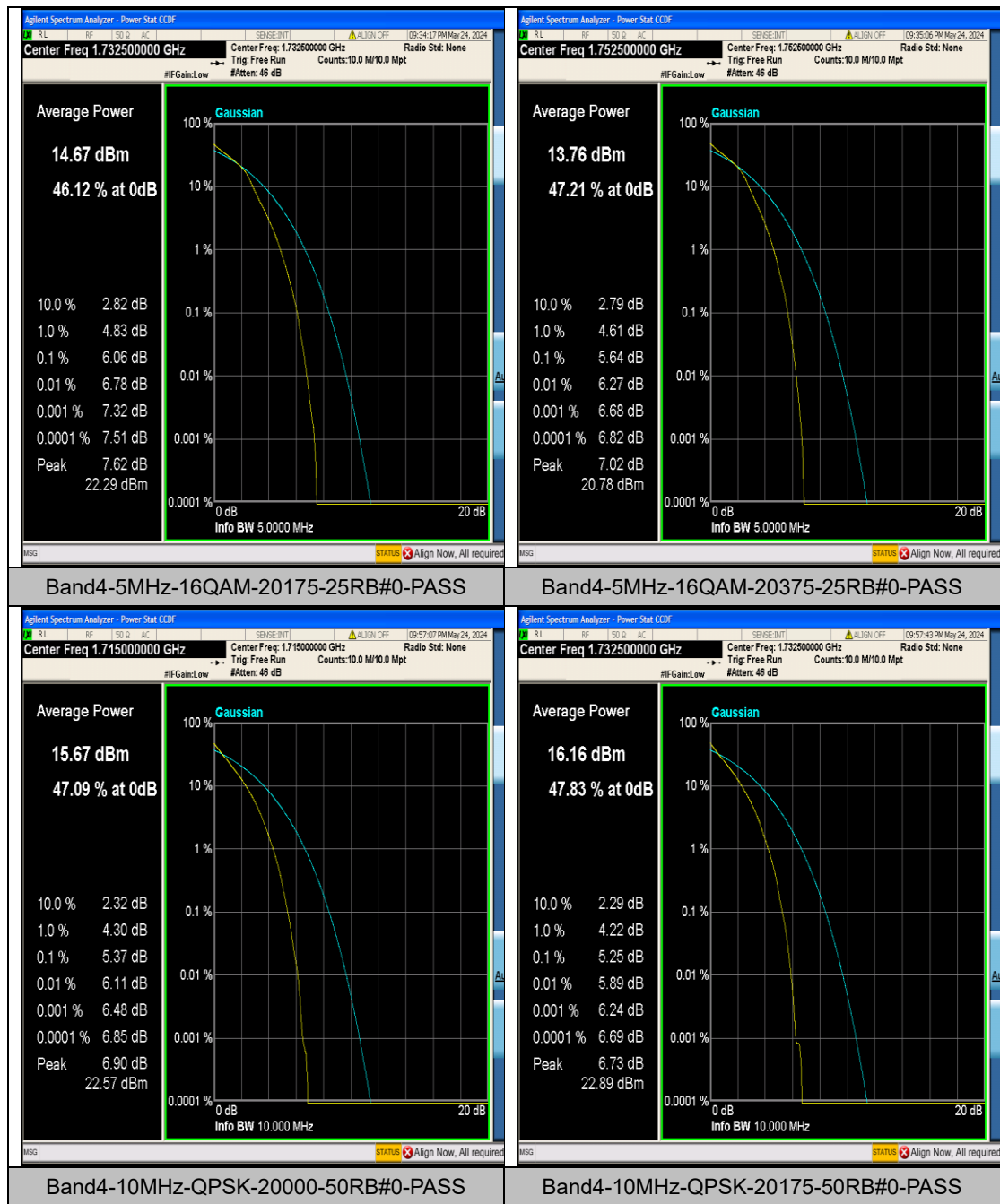
Test Graphs

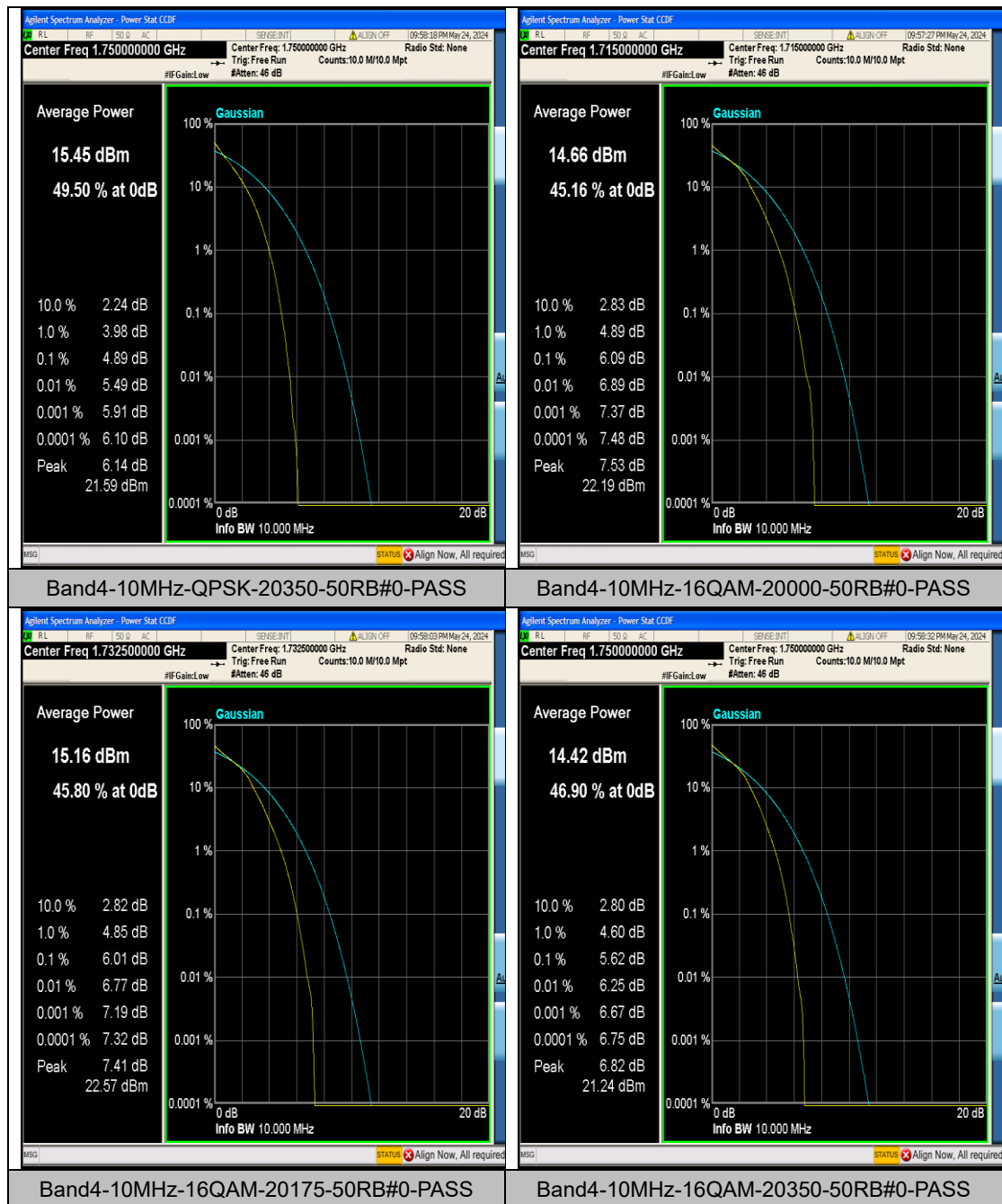


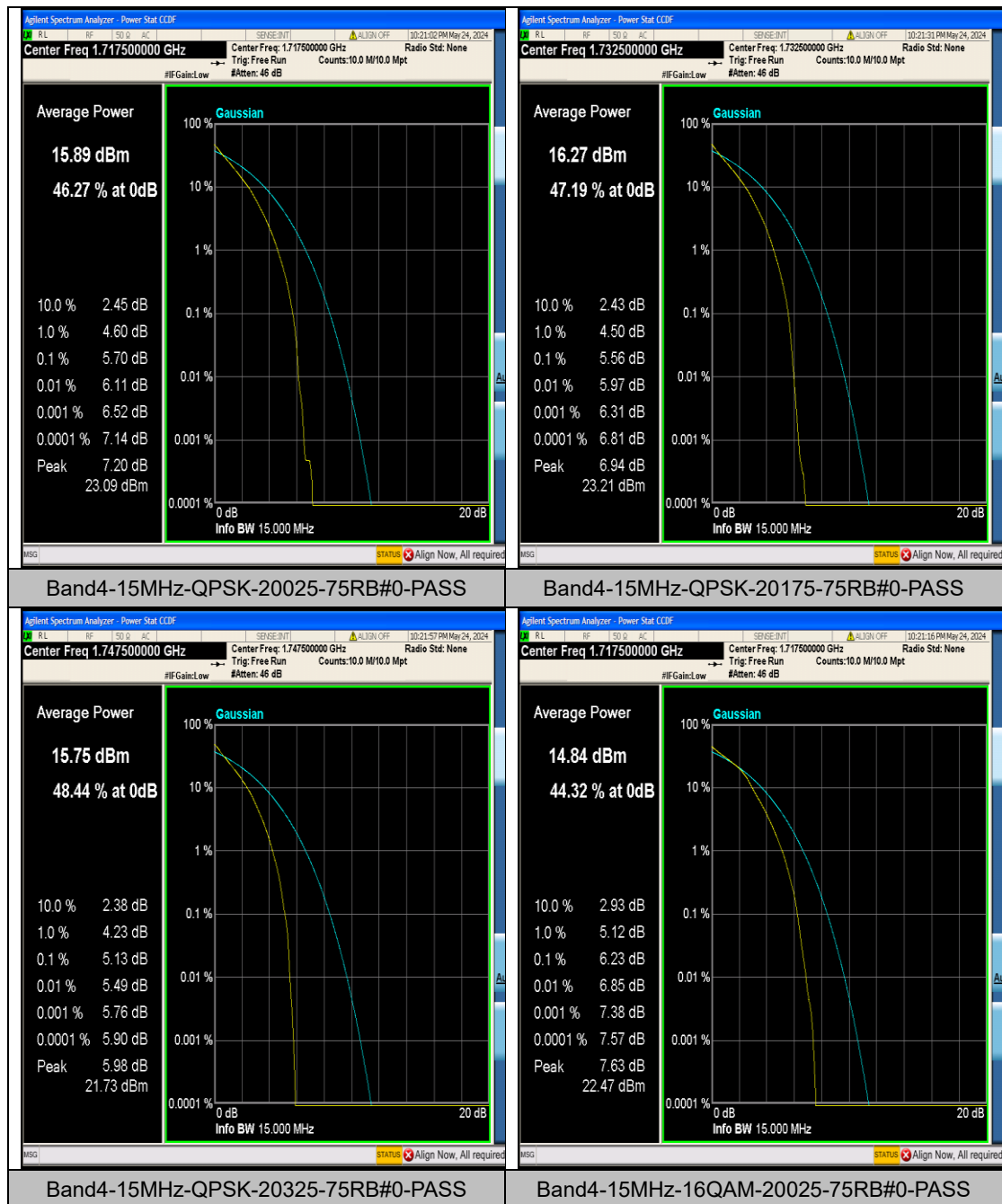


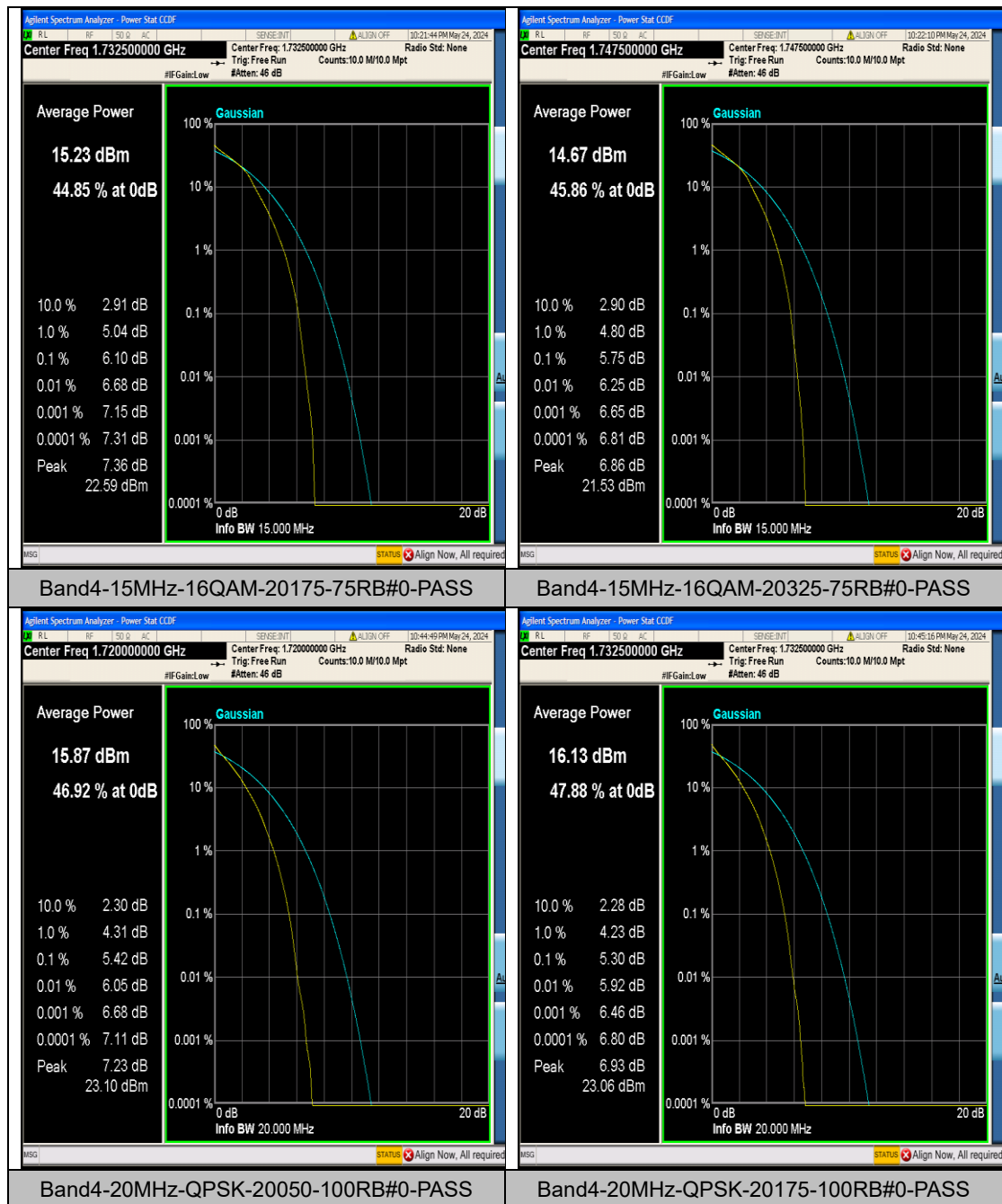


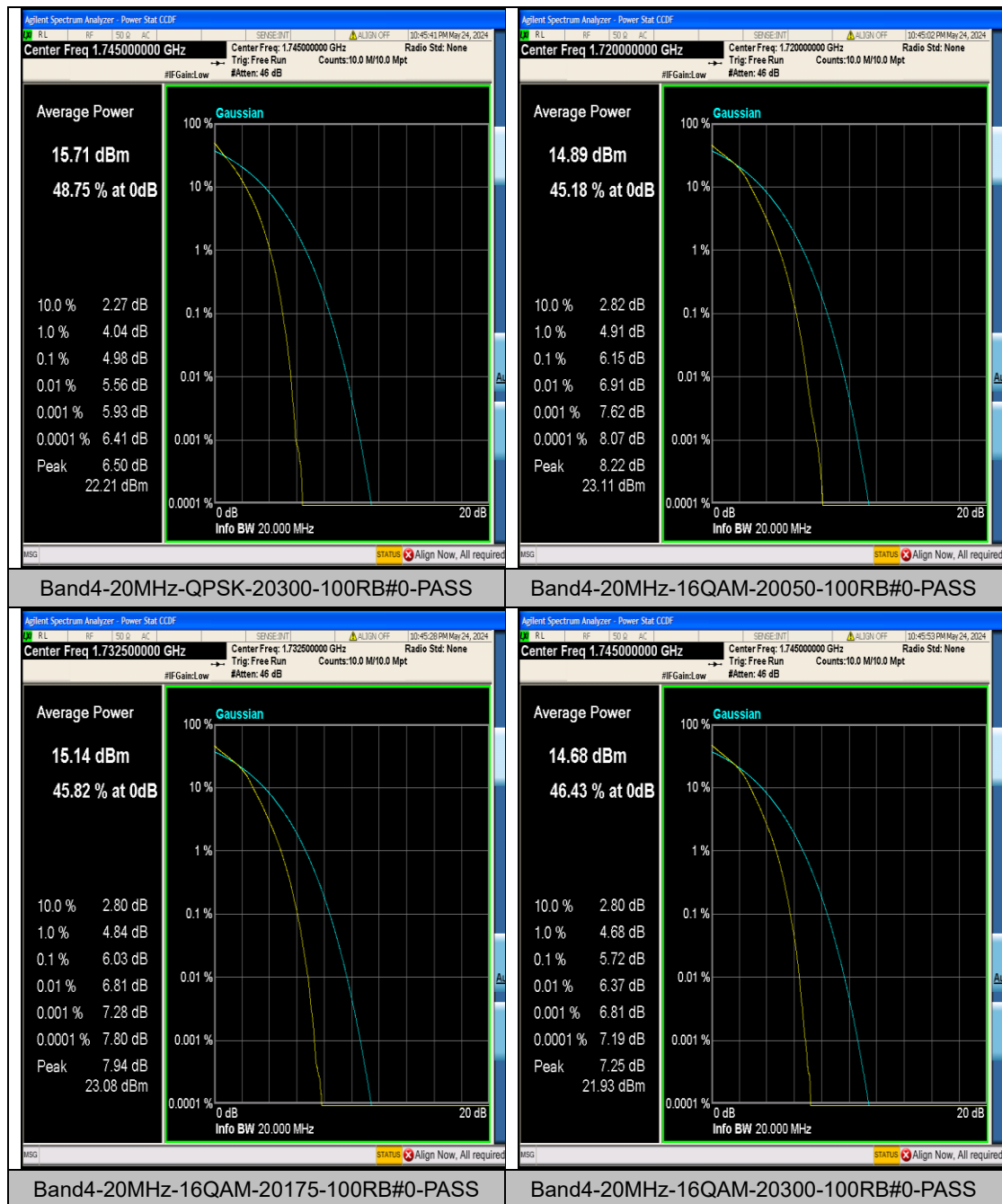












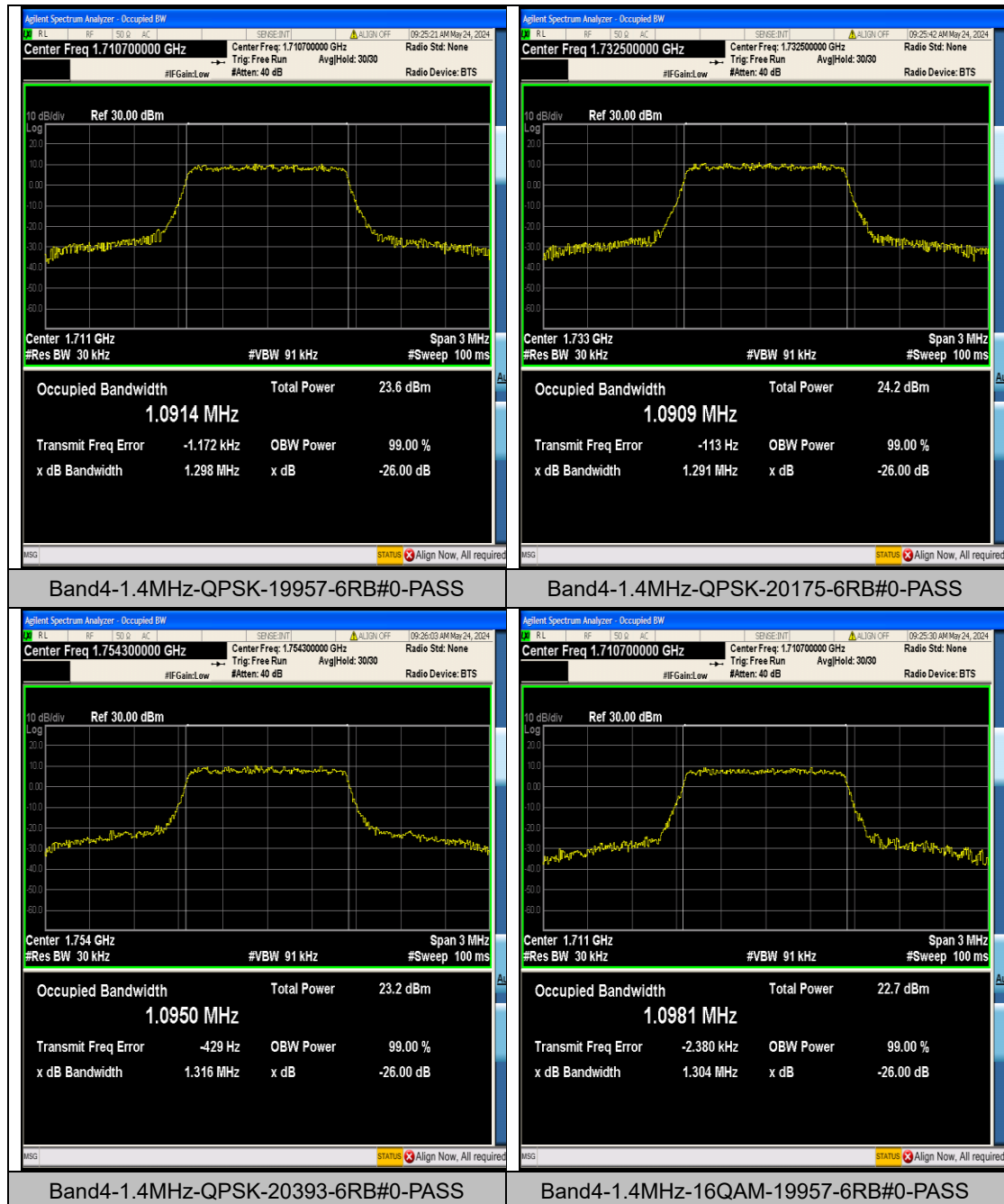
Appendix C: 26dB Bandwidth and Occupied Bandwidth

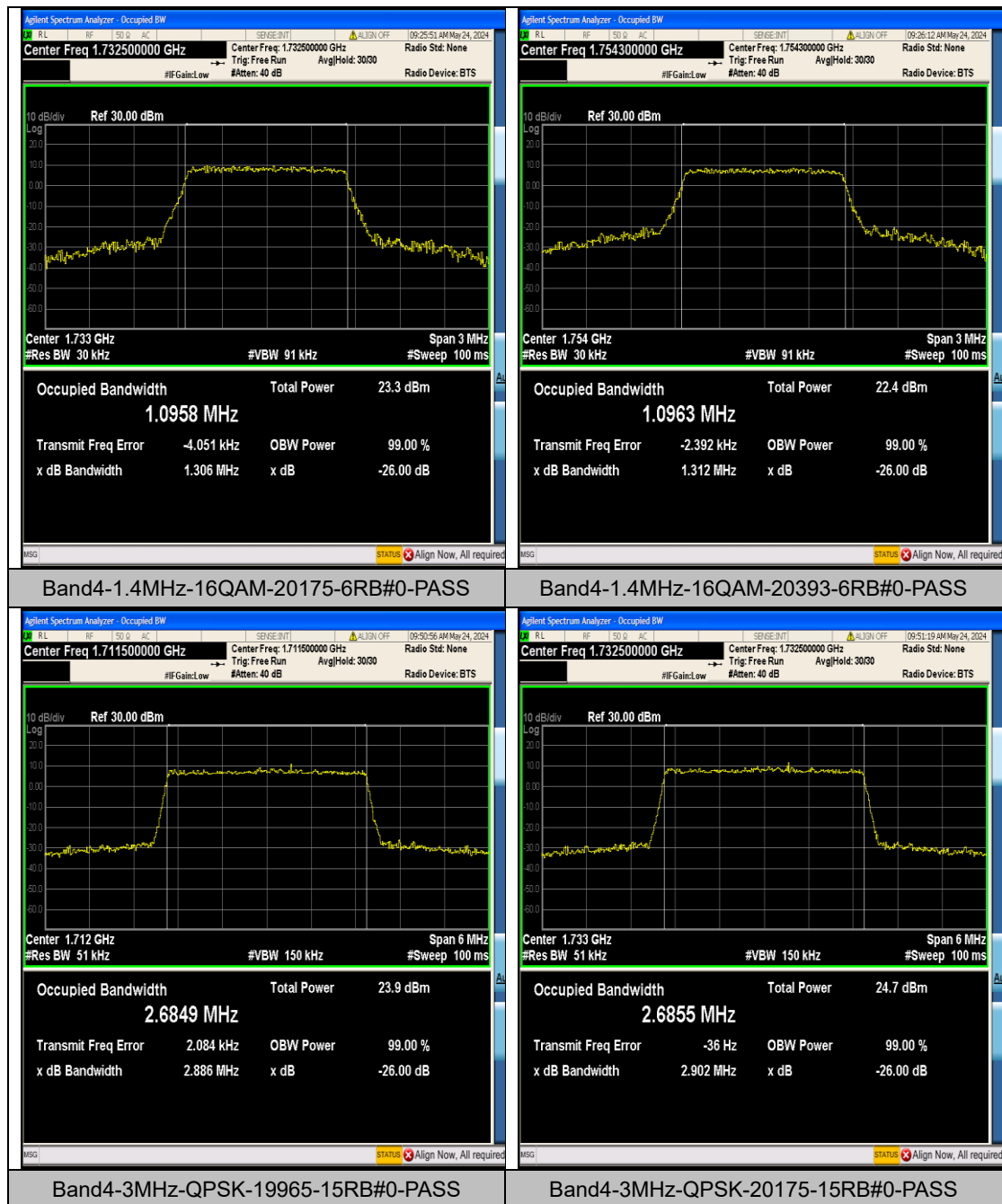
Test Result

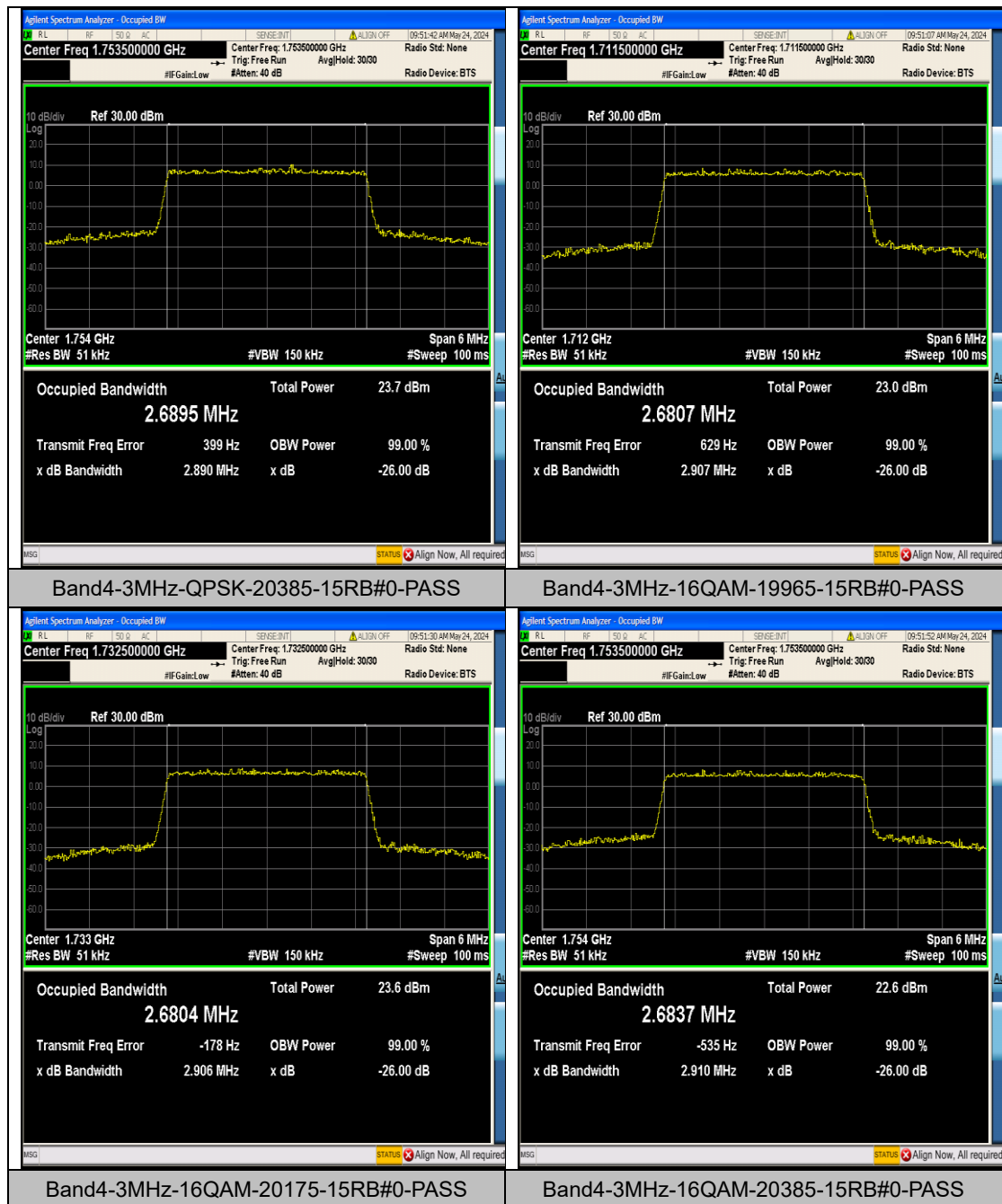
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0914	1.298	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0909	1.291	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0950	1.316	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0981	1.304	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0958	1.306	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0963	1.312	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6849	2.886	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6855	2.902	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.6895	2.890	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6807	2.907	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6804	2.906	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6837	2.910	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5189	5.183	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5208	5.203	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5331	5.247	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5249	5.165	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5241	5.165	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5344	5.208	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0118	10.21	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0123	10.19	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0250	10.25	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0169	10.07	PASS
Band4	10MHz	16QAM	20175	50RB#0	9.0079	10.04	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0117	10.07	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.528	15.05	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.531	15.05	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.546	15.15	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.494	15.08	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.499	15.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.513	15.06	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.983	19.74	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.956	19.85	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.982	19.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.017	19.72	PASS

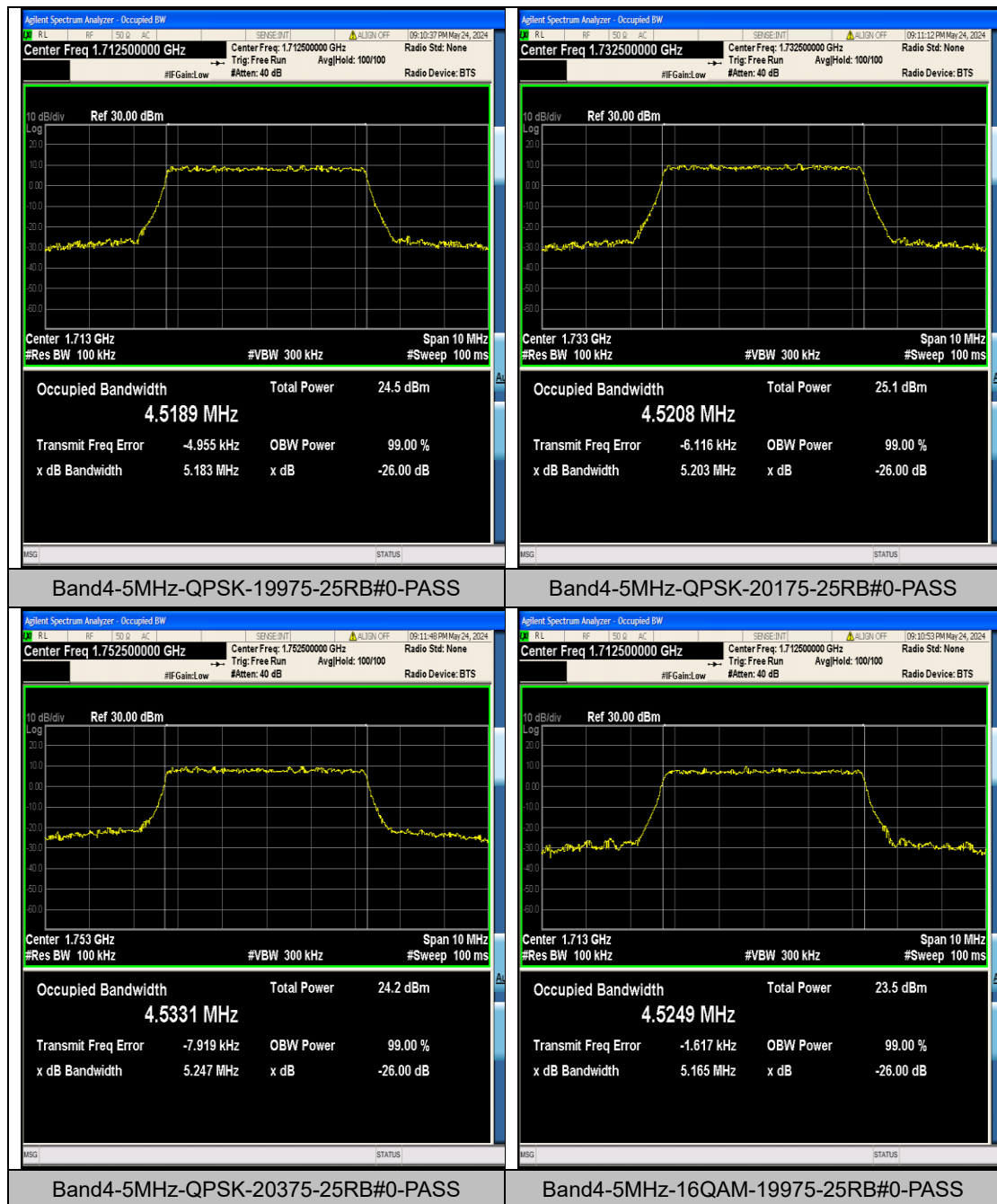
Band4	20MHz	16QAM	20175	100RB#0	18.028	19.79	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.985	19.65	PASS

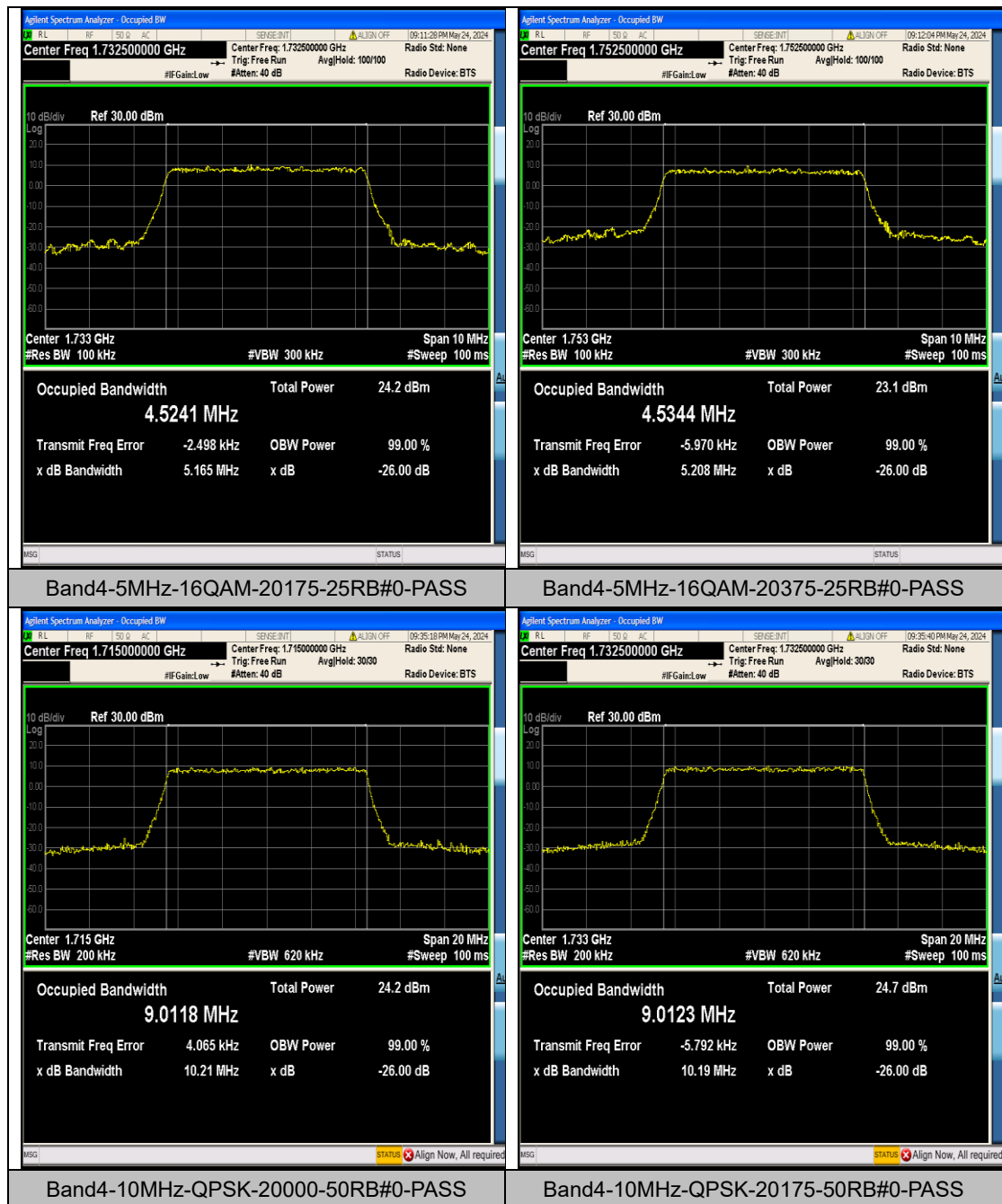
Test Graphs

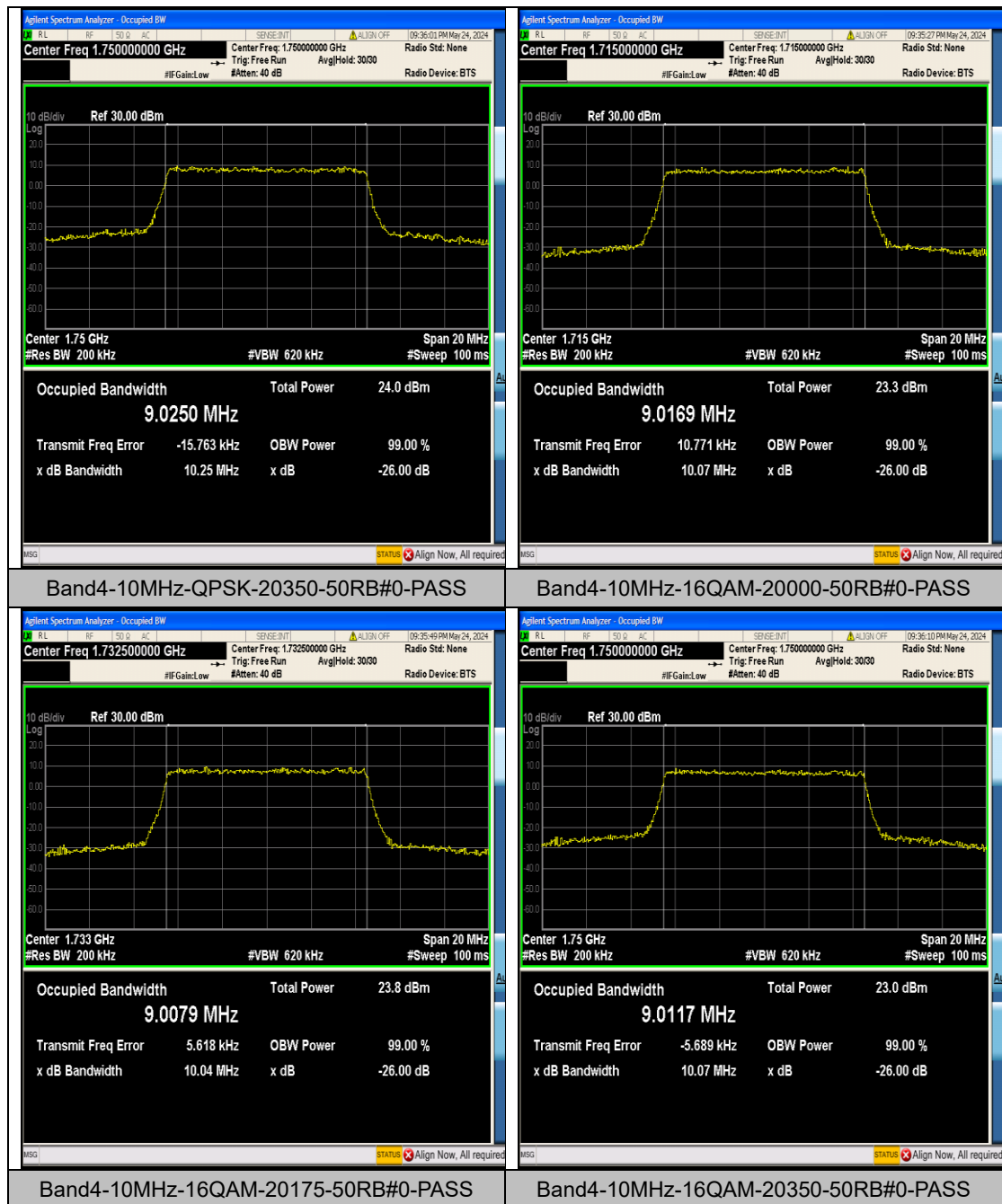


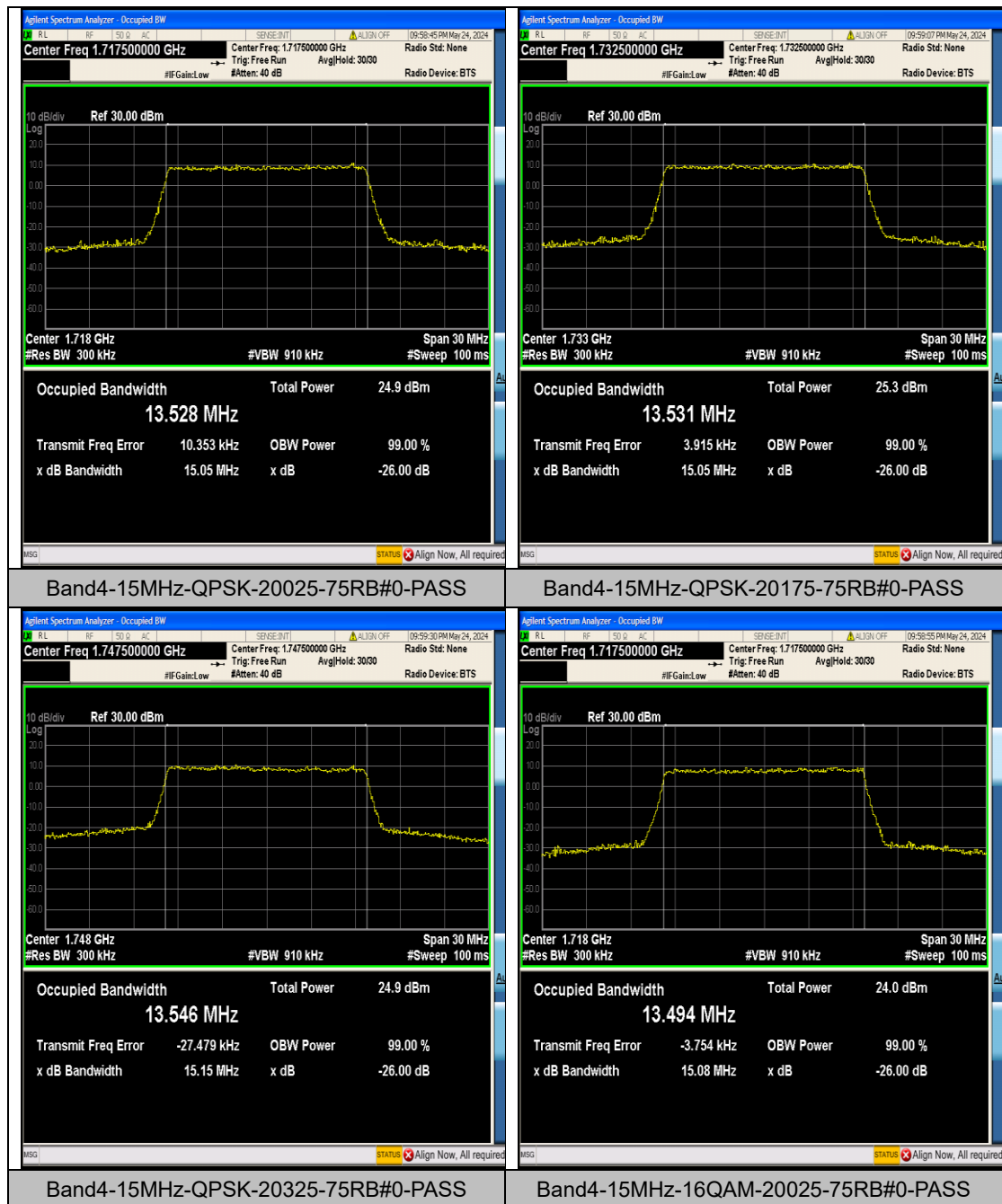


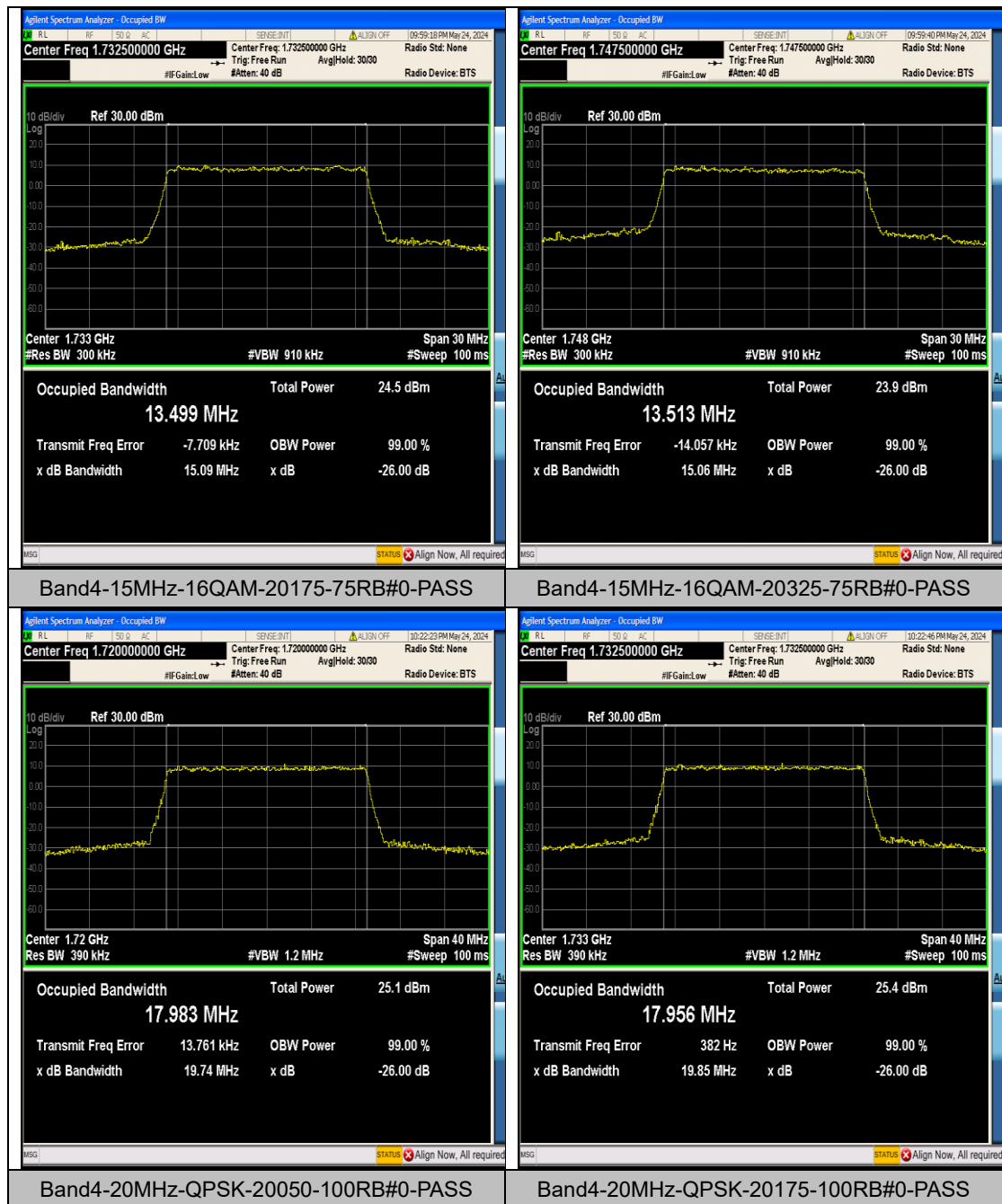


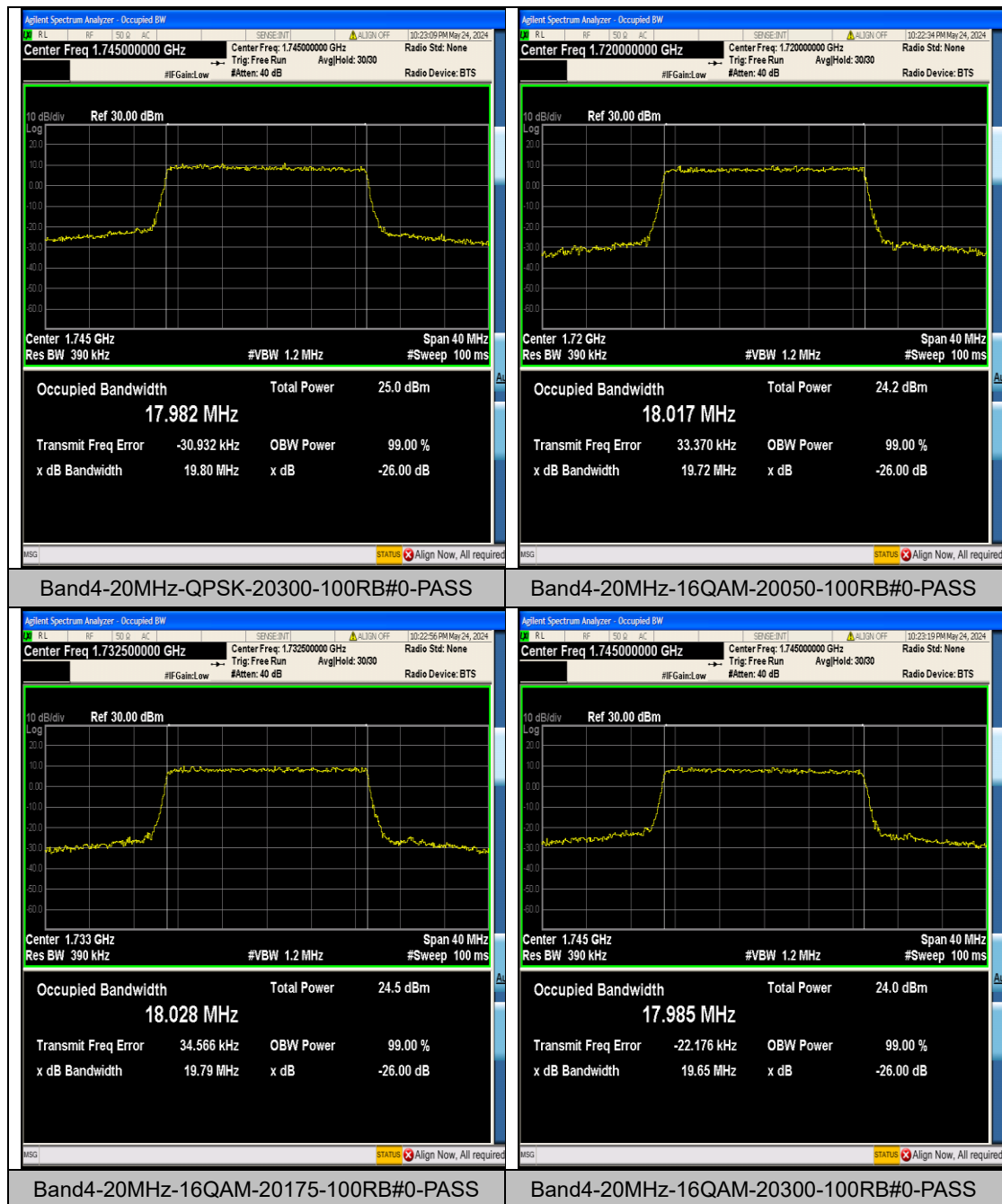












Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-31.57	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-32.92	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-36.53	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-31.85	PASS
Band4	3MHz	QPSK	19965	15RB#0	-32.95	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.63	PASS
Band4	3MHz	16QAM	19965	15RB#0	-34.87	PASS
Band4	3MHz	16QAM	20385	15RB#0	-30.67	PASS
Band4	5MHz	QPSK	19975	25RB#0	-33.18	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.89	PASS
Band4	5MHz	16QAM	19975	25RB#0	-34.93	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.01	PASS
Band4	10MHz	QPSK	20000	50RB#0	-35.36	PASS
Band4	10MHz	QPSK	20350	50RB#0	-28.30	PASS
Band4	10MHz	16QAM	20000	50RB#0	-38.25	PASS
Band4	10MHz	16QAM	20350	50RB#0	-31.62	PASS
Band4	15MHz	QPSK	20025	75RB#0	-34.93	PASS
Band4	15MHz	QPSK	20325	75RB#0	-28.11	PASS
Band4	15MHz	16QAM	20025	75RB#0	-37.68	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.79	PASS
Band4	20MHz	QPSK	20050	100RB#0	-37.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	-32.46	PASS
Band4	20MHz	16QAM	20050	100RB#0	-39.62	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.16	PASS

Test Graphs

