

FCC Appendix RF Test Data for LTE

FCC ID : 2AU3D-RCAPRIME

Company: : United Creation Technology Corp.,Ltd

EUT : 4G smart phone

Model Number : Prime

Report No. : CTA25040200706

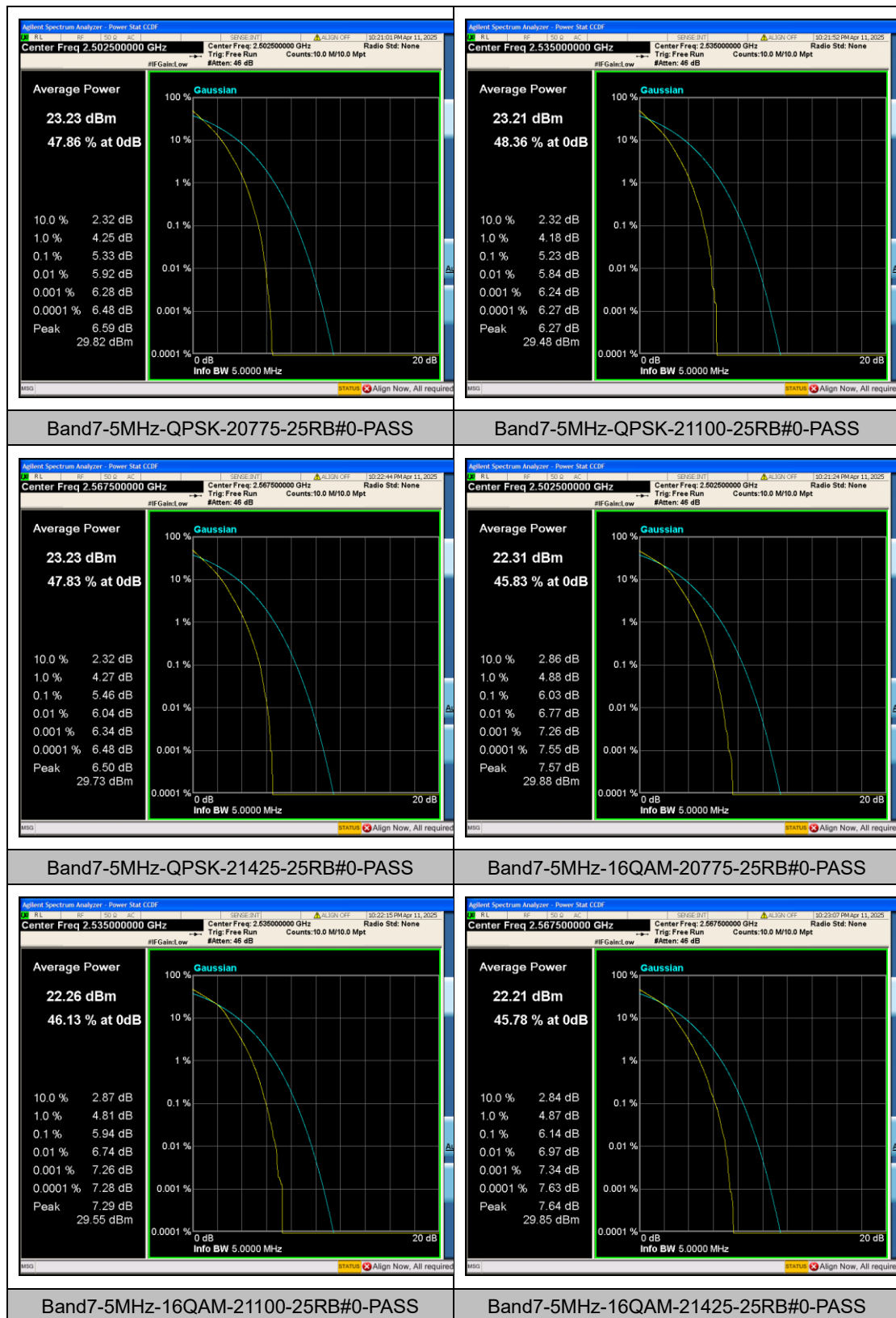
Reviewed By : Eric Wang

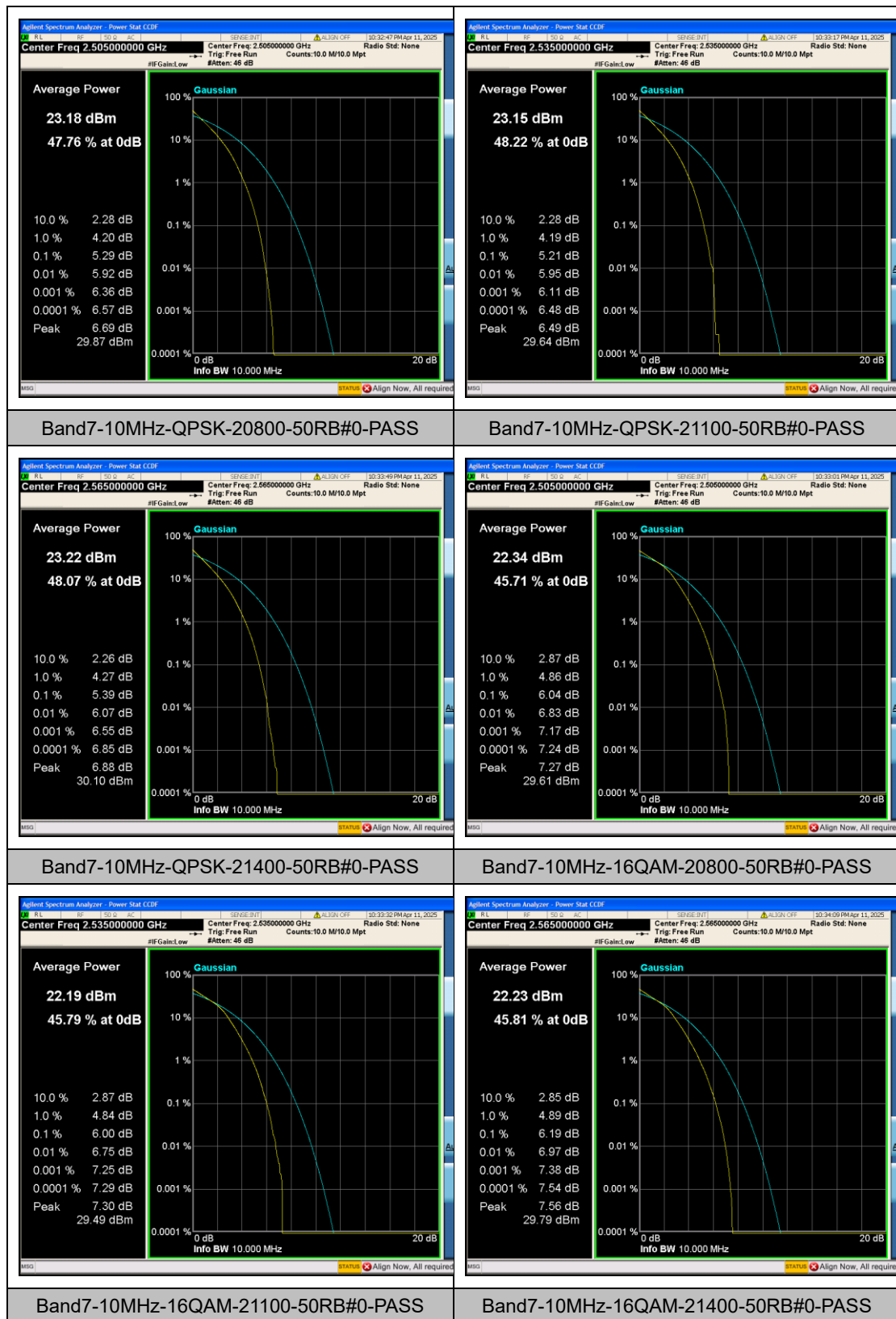
Appendix B: Peak-to-Average Ratio(CCDF)

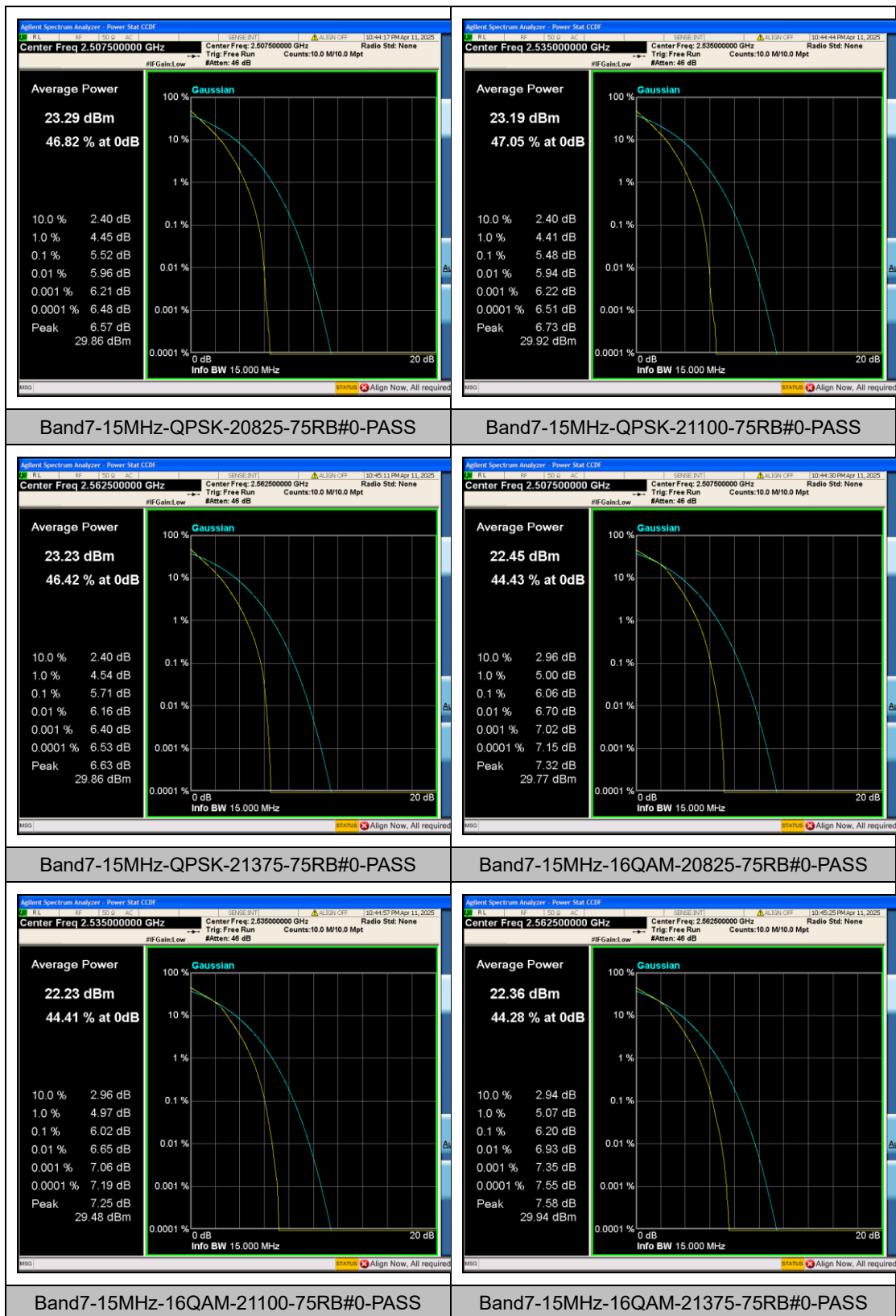
Test Result

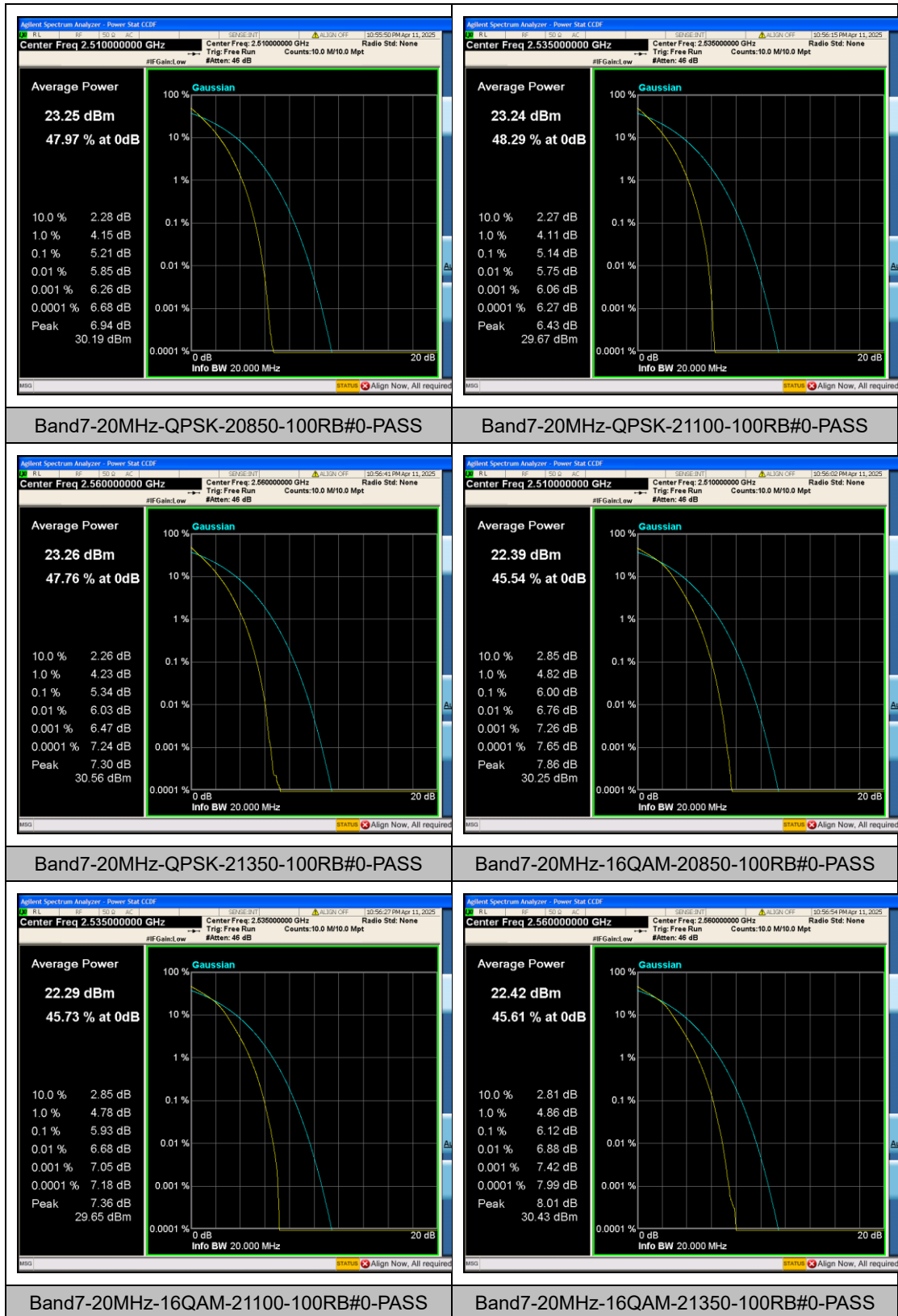
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.33	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.23	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.46	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.03	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.94	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.14	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.29	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.21	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.39	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.04	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.00	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.19	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.52	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.48	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.71	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.06	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.02	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.20	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.21	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.14	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.34	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.00	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.93	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.12	13	PASS

Test Graphs







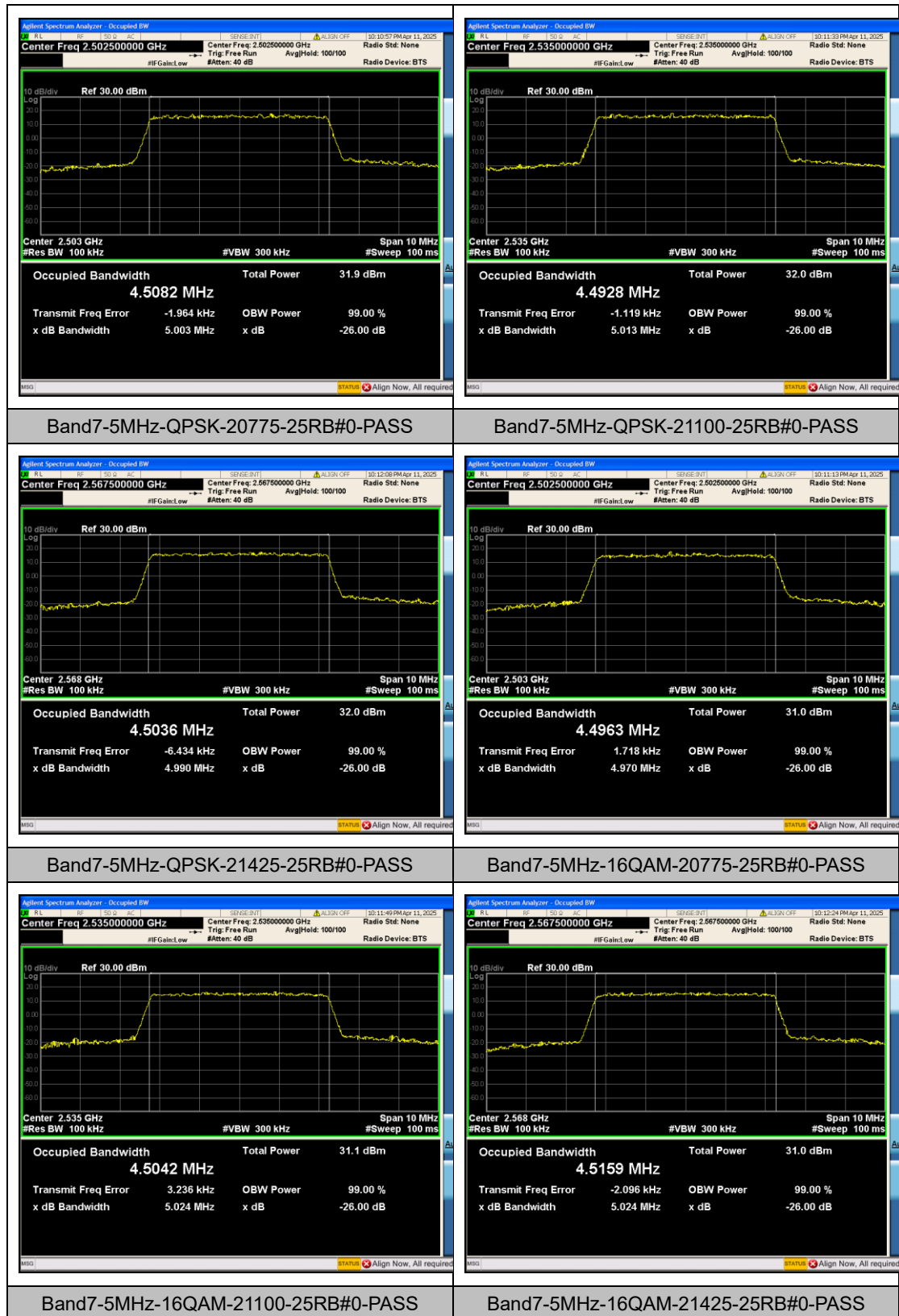


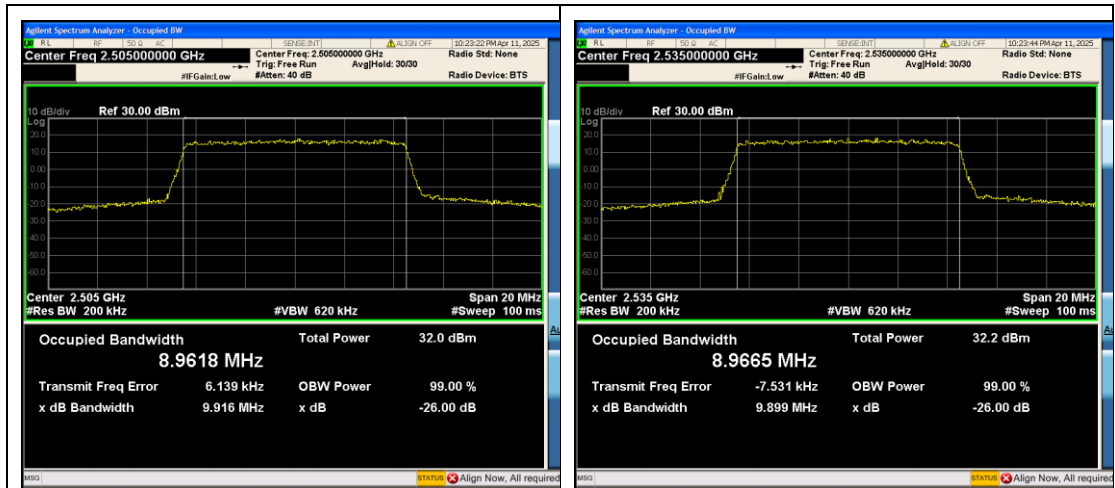
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5082	5.003	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4928	5.013	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5036	4.990	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4963	4.970	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5042	5.024	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5159	5.024	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9618	9.916	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9665	9.899	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9611	9.882	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9585	9.815	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9565	9.866	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9630	9.840	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.455	14.86	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.476	14.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.417	14.73	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.453	14.69	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.451	14.77	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.468	14.74	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.896	19.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.916	19.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.944	19.49	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.945	19.48	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.896	19.38	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.938	19.59	PASS

Test Graphs





Band7-10MHz-QPSK-20800-50RB#0-PASS

Band7-10MHz-QPSK-21100-50RB#0-PASS



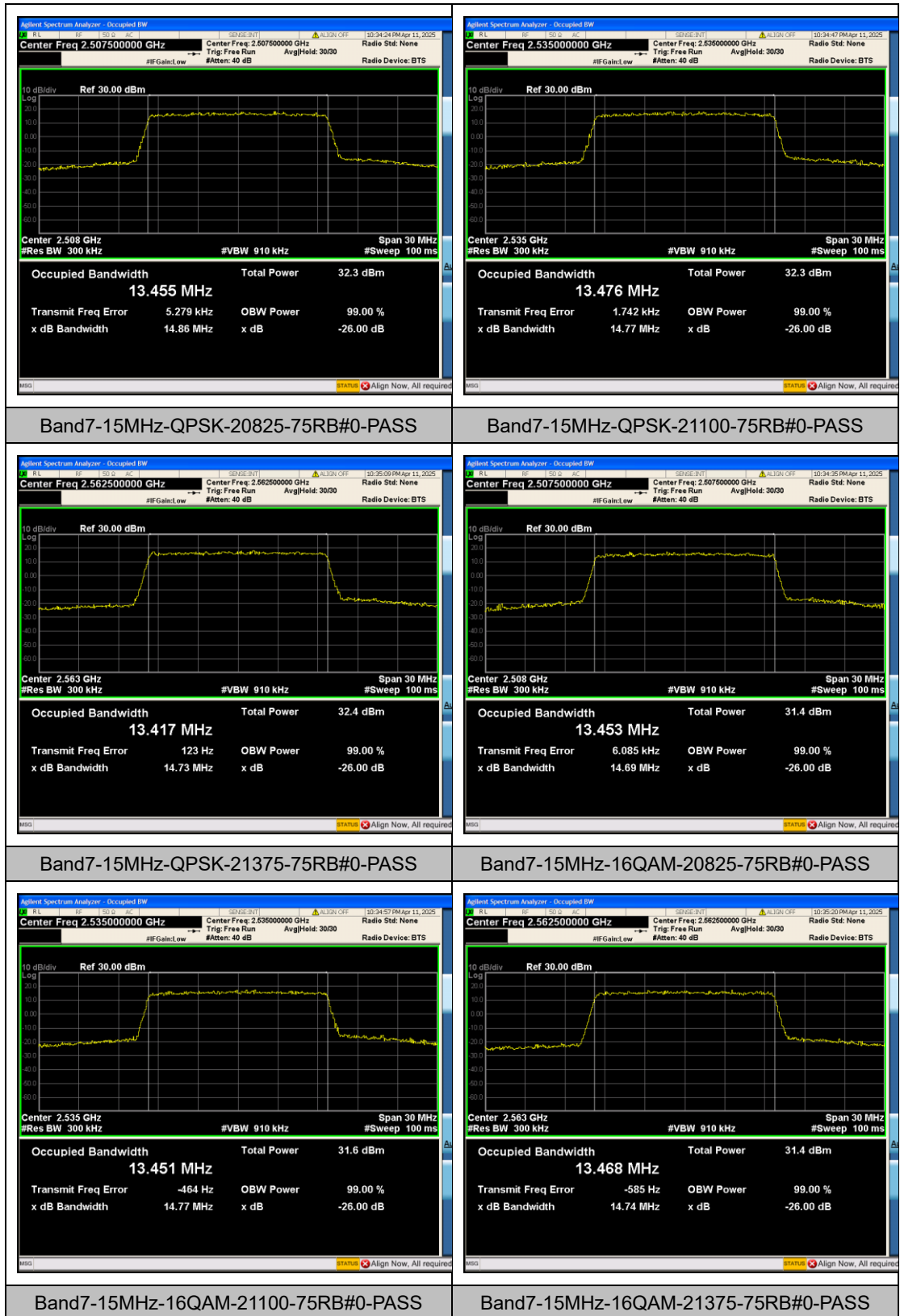
Band7-10MHz-QPSK-21400-50RB#0-PASS

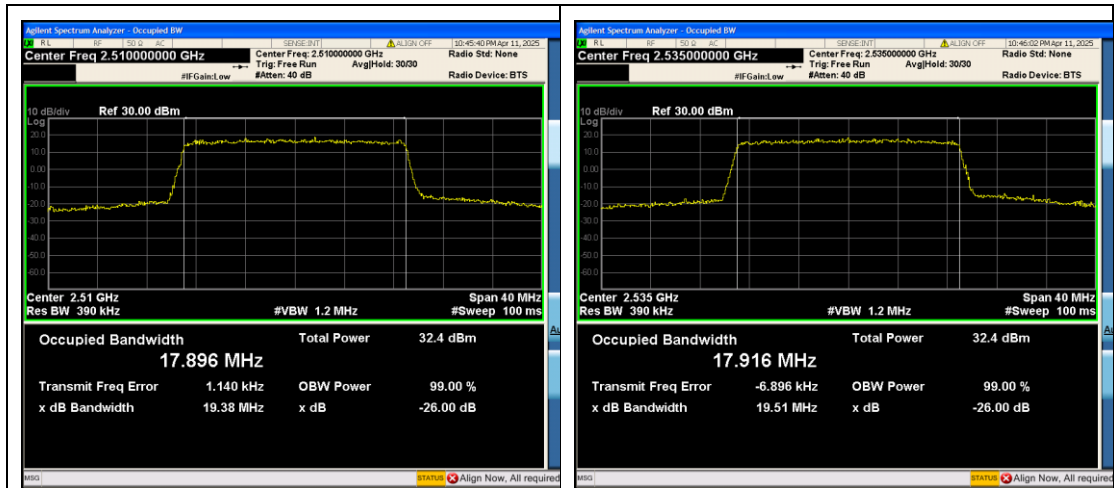
Band7-10MHz-16QAM-20800-50RB#0-PASS



Band7-10MHz-16QAM-21100-50RB#0-PASS

Band7-10MHz-16QAM-21400-50RB#0-PASS





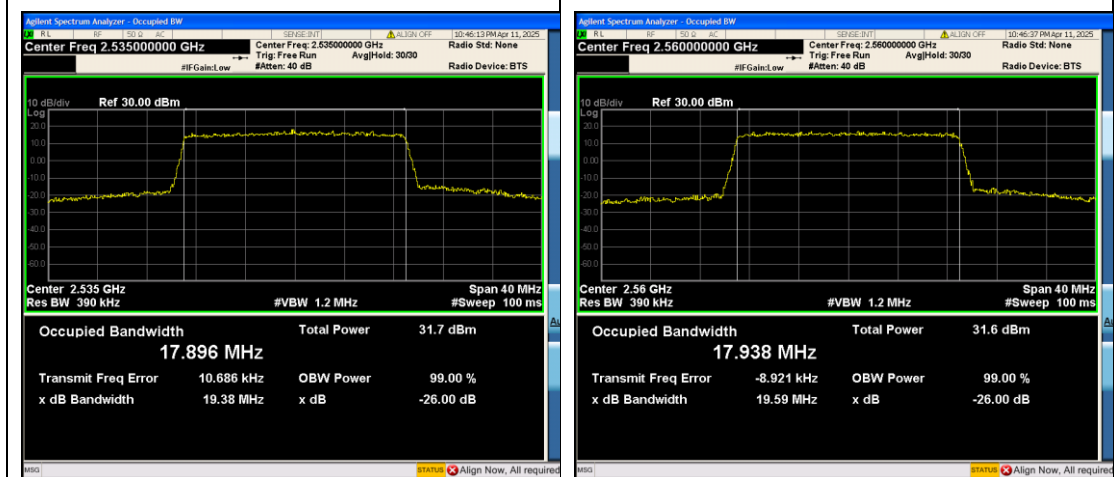
Band7-20MHz-QPSK-20850-100RB#0-PASS

Band7-20MHz-QPSK-21100-100RB#0-PASS



Band7-20MHz-QPSK-21350-100RB#0-PASS

Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS

Band7-20MHz-16QAM-21350-100RB#0-PASS

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-22.47	PASS
Band7	5MHz	QPSK	21425	25RB#0	-19.89	PASS
Band7	5MHz	16QAM	20775	25RB#0	-23.75	PASS
Band7	5MHz	16QAM	21425	25RB#0	-21.26	PASS
Band7	10MHz	QPSK	20800	50RB#0	-24.27	PASS
Band7	10MHz	QPSK	21400	50RB#0	-23.48	PASS
Band7	10MHz	16QAM	20800	50RB#0	-26.07	PASS
Band7	10MHz	16QAM	21400	50RB#0	-24.67	PASS
Band7	15MHz	QPSK	20825	75RB#0	-24.97	PASS
Band7	15MHz	QPSK	21375	75RB#0	-23.24	PASS
Band7	15MHz	16QAM	20825	75RB#0	-27.05	PASS
Band7	15MHz	16QAM	21375	75RB#0	-27.95	PASS
Band7	20MHz	QPSK	20850	100RB#0	-27.15	PASS
Band7	20MHz	QPSK	21350	100RB#0	-24.66	PASS
Band7	20MHz	16QAM	20850	100RB#0	-43.08	PASS
Band7	20MHz	16QAM	21350	100RB#0	-25.86	PASS

Test Graphs

