

Appendix for LTE Band 18(815-824)

Product Name: HTC Smartphone

Model No: Wildfire E5 Elite

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
18(815-824)	5MHz	QPSK	23875	1RB#0	23.99	PASS
18(815-824)	5MHz	QPSK	23875	1RB#12	24.14	PASS
18(815-824)	5MHz	QPSK	23875	1RB#24	23.89	PASS
18(815-824)	5MHz	QPSK	23875	12RB#0	22.88	PASS
18(815-824)	5MHz	QPSK	23875	12RB#6	23.03	PASS
18(815-824)	5MHz	QPSK	23875	12RB#13	22.93	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	22.93	PASS
18(815-824)	5MHz	16QAM	23875	1RB#0	22.80	PASS
18(815-824)	5MHz	16QAM	23875	1RB#12	23.08	PASS
18(815-824)	5MHz	16QAM	23875	1RB#24	22.80	PASS
18(815-824)	5MHz	16QAM	23875	12RB#0	21.90	PASS
18(815-824)	5MHz	16QAM	23875	12RB#6	22.04	PASS
18(815-824)	5MHz	16QAM	23875	12RB#13	21.88	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	21.98	PASS
18(815-824)	5MHz	QPSK	23895	1RB#0	23.96	PASS
18(815-824)	5MHz	QPSK	23895	1RB#12	24.11	PASS
18(815-824)	5MHz	QPSK	23895	1RB#24	23.83	PASS
18(815-824)	5MHz	QPSK	23895	12RB#0	22.96	PASS
18(815-824)	5MHz	QPSK	23895	12RB#6	22.96	PASS
18(815-824)	5MHz	QPSK	23895	12RB#13	22.94	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	22.91	PASS
18(815-824)	5MHz	16QAM	23895	1RB#0	22.82	PASS
18(815-824)	5MHz	16QAM	23895	1RB#12	23.11	PASS
18(815-824)	5MHz	16QAM	23895	1RB#24	22.70	PASS
18(815-824)	5MHz	16QAM	23895	12RB#0	21.92	PASS
18(815-824)	5MHz	16QAM	23895	12RB#6	21.95	PASS
18(815-824)	5MHz	16QAM	23895	12RB#13	21.91	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	21.99	PASS
18(815-824)	5MHz	QPSK	23915	1RB#0	23.92	PASS
18(815-824)	5MHz	QPSK	23915	1RB#12	24.02	PASS
18(815-824)	5MHz	QPSK	23915	1RB#24	23.68	PASS
18(815-824)	5MHz	QPSK	23915	12RB#0	22.88	PASS
18(815-824)	5MHz	QPSK	23915	12RB#6	22.93	PASS
18(815-824)	5MHz	QPSK	23915	12RB#13	22.77	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	22.86	PASS
18(815-824)	5MHz	16QAM	23915	1RB#0	22.75	PASS

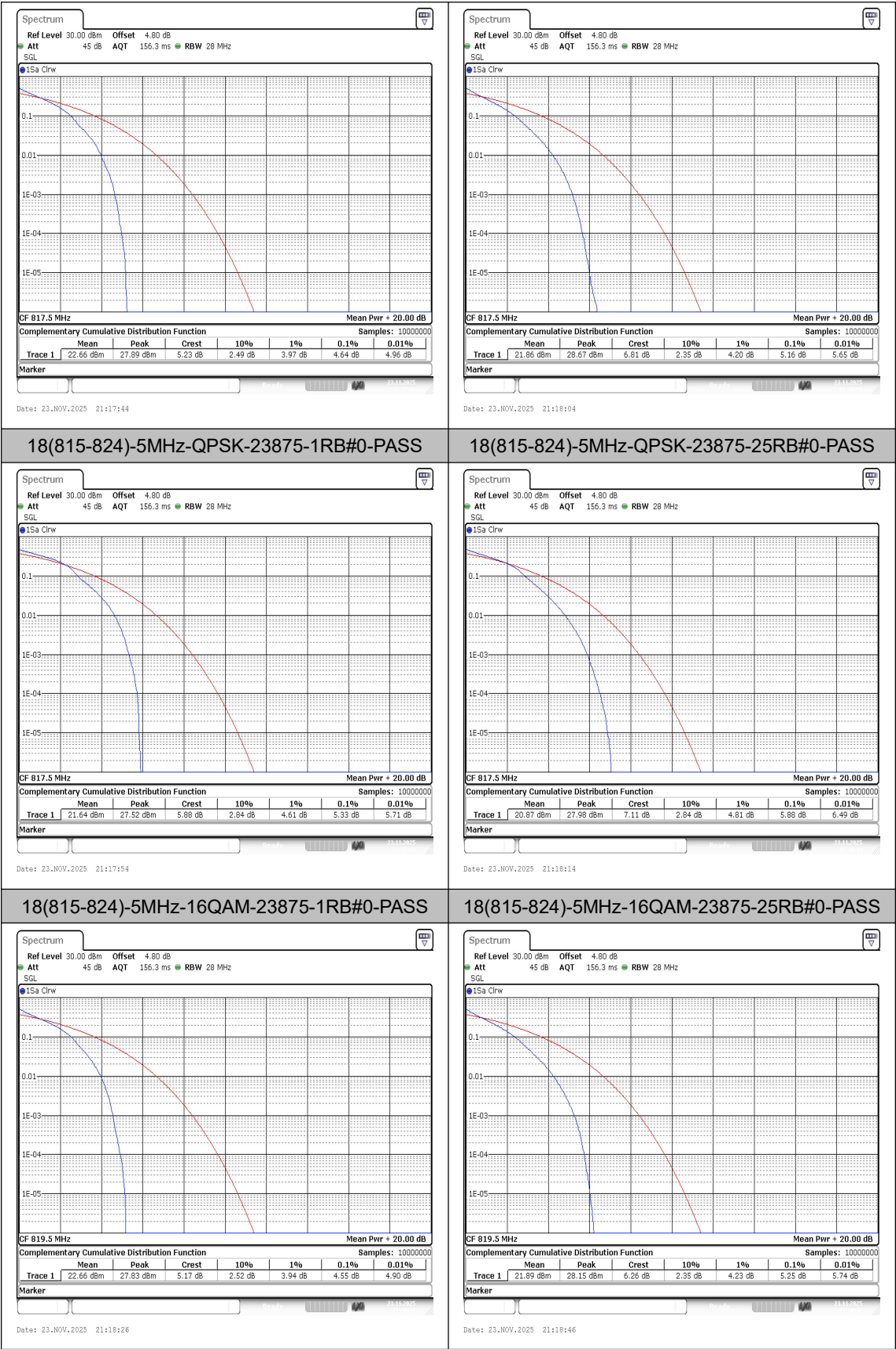
18(815-824)	5MHz	16QAM	23915	1RB#12	23.08	PASS
18(815-824)	5MHz	16QAM	23915	1RB#24	22.57	PASS
18(815-824)	5MHz	16QAM	23915	12RB#0	21.87	PASS
18(815-824)	5MHz	16QAM	23915	12RB#6	21.89	PASS
18(815-824)	5MHz	16QAM	23915	12RB#13	21.78	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	21.90	PASS

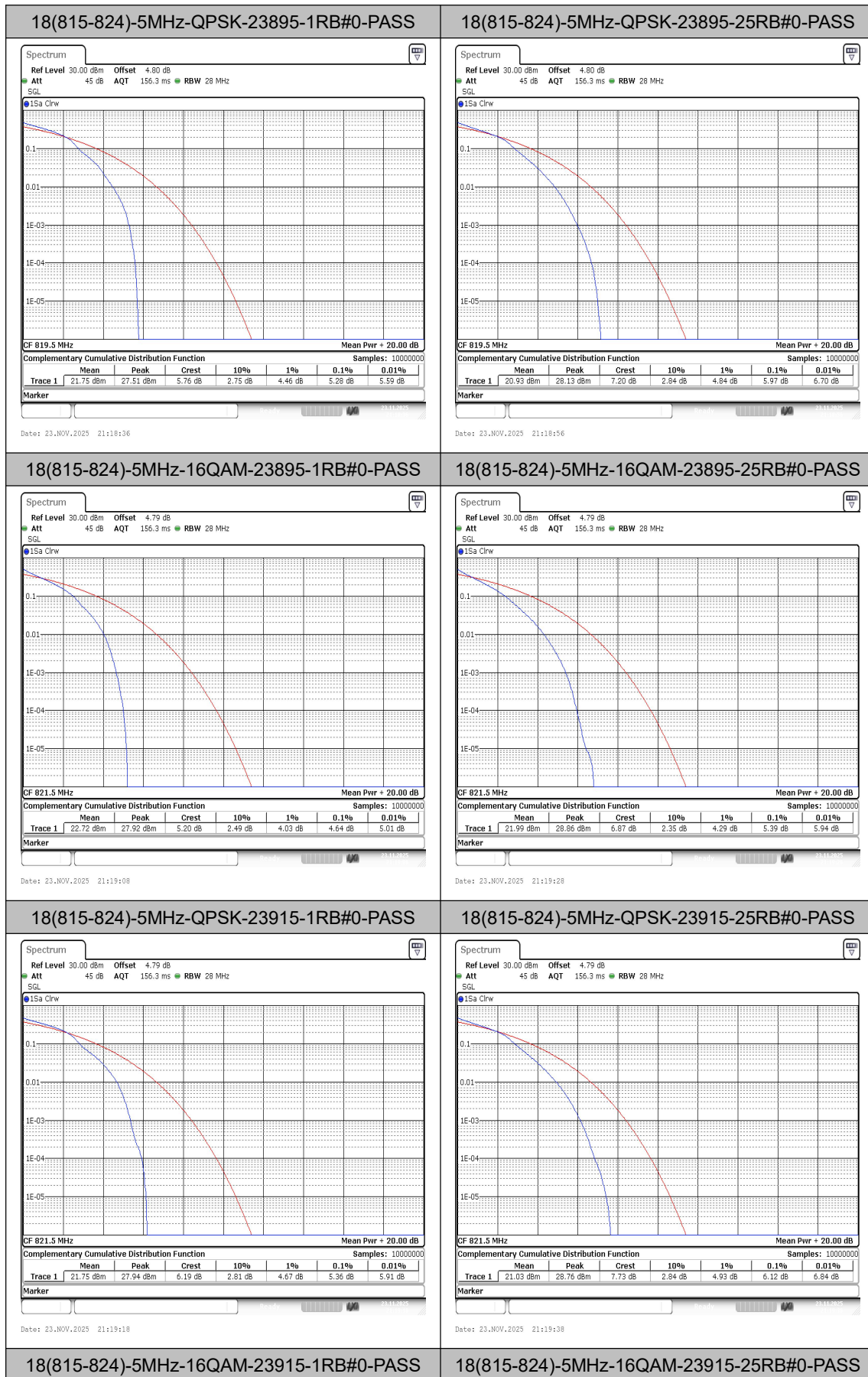
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
18(815-824)	5MHz	QPSK	23875	1RB#0	4.64	13	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	5.16	13	PASS
18(815-824)	5MHz	16QAM	23875	1RB#0	5.33	13	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	5.88	13	PASS
18(815-824)	5MHz	QPSK	23895	1RB#0	4.55	13	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	5.25	13	PASS
18(815-824)	5MHz	16QAM	23895	1RB#0	5.28	13	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	5.97	13	PASS
18(815-824)	5MHz	QPSK	23915	1RB#0	4.64	13	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	5.39	13	PASS
18(815-824)	5MHz	16QAM	23915	1RB#0	5.36	13	PASS
18(815-824)	5MHz	16QAM	23915	25RB#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
18(815-824)	5MHz	QPSK	23875	25RB#0	4.525	5.26	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	4.515	5.20	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	4.515	5.20	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	4.525	5.21	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	4.515	5.20	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	4.545	5.24	PASS

Test Graphs

