

Appendix for LTE Band 7

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
Band7	5MHz	QPSK	20775	1RB#0	23.26	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.16	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.43	PASS
Band7	5MHz	QPSK	20775	12RB#0	22.34	PASS
Band7	5MHz	QPSK	20775	12RB#6	22.42	PASS
Band7	5MHz	QPSK	20775	12RB#13	22.37	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.36	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.17	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.51	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.35	PASS
Band7	5MHz	16QAM	20775	12RB#0	21.22	PASS
Band7	5MHz	16QAM	20775	12RB#6	21.41	PASS
Band7	5MHz	16QAM	20775	12RB#13	21.28	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.33	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.71	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.99	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.71	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.77	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.84	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.7	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.74	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.63	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.84	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.55	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.76	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.73	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.66	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.75	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.73	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.98	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.87	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.83	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.86	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.75	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.77	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.63	PASS

Band7	5MHz	16QAM	21425	1RB#12	21.02	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.7	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.73	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.79	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.68	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.8	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.78	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.13	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.03	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.94	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.95	PASS
Band7	10MHz	QPSK	20800	25RB#25	22.19	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.06	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.77	PASS
Band7	10MHz	16QAM	20800	1RB#24	22.01	PASS
Band7	10MHz	16QAM	20800	1RB#49	22	PASS
Band7	10MHz	16QAM	20800	25RB#0	21.03	PASS
Band7	10MHz	16QAM	20800	25RB#12	21.35	PASS
Band7	10MHz	16QAM	20800	25RB#25	21.37	PASS
Band7	10MHz	16QAM	20800	50RB#0	21.31	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.85	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.89	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.64	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.86	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.76	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.71	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.79	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.6	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.92	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.33	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.86	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.7	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.66	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.78	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.84	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.68	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.47	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.87	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.83	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.75	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.78	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.65	PASS

Band7	10MHz	16QAM	21400	1RB#24	20.76	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.32	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.82	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.78	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.81	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.77	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.64	PASS
Band7	15MHz	QPSK	20825	1RB#38	23.02	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.84	PASS
Band7	15MHz	QPSK	20825	38RB#0	22.23	PASS
Band7	15MHz	QPSK	20825	38RB#18	22.22	PASS
Band7	15MHz	QPSK	20825	38RB#37	22.29	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.13	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.7	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.92	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.12	PASS
Band7	15MHz	16QAM	20825	38RB#0	22.26	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.14	PASS
Band7	15MHz	16QAM	20825	38RB#37	22.13	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.33	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.7	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.82	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.17	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.81	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.81	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.79	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.8	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.77	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.7	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.46	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.82	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.73	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.77	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.76	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.92	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.33	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.17	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.84	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.55	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.8	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.85	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.99	PASS

Band7	15MHz	16QAM	21375	1RB#38	20.46	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.87	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.83	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.77	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.66	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.77	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.55	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.69	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.75	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.36	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.36	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.49	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.49	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.43	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.19	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.86	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.34	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.51	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.47	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.43	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.73	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.89	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.02	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.93	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.74	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.75	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.79	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.94	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.37	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.98	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.75	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.49	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.75	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.98	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.52	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.98	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.72	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.47	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.76	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.83	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.38	PASS

Band7	20MHz	16QAM	21350	1RB#49	20.37	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.76	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.95	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.84	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.75	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.87	PASS

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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.96	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.30	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.51	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.94	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.35	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.01	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.10	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.83	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.67	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.16	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.39	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.94	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	4.81	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.28	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.74	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.97	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.14	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.96	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.10	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.83	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.93	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.16	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	6.12	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.00	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	4.90	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.51	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.80	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.06	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.26	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.19	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.22	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.88	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.99	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.51	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	6.14	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.09	13	PASS

Band7	20MHz	QPSK	20850	1RB#0	4.84	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.19	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.45	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.00	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.41	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.10	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.39	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.91	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.87	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.28	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	5.97	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.06	13	PASS

Test Graphs



