

Appendix for LTE B7

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Appendix A: Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Power(dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	20.50	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	20.35	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	20.52	33	PASS
Band7	5MHz	QPSK	20775	12RB#0	19.61	33	PASS
Band7	5MHz	QPSK	20775	12RB#6	19.57	33	PASS
Band7	5MHz	QPSK	20775	12RB#13	19.54	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	19.54	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.00	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.64	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.20	33	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.13	33	PASS
Band7	5MHz	16QAM	20775	12RB#6	19.12	33	PASS
Band7	5MHz	16QAM	20775	12RB#13	19.09	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.22	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.33	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.27	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.39	33	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.40	33	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.42	33	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.38	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.41	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.85	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.09	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.94	33	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.06	33	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.95	33	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.06	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.16	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	20.84	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.63	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	20.61	33	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.80	33	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.73	33	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.55	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.78	33	PASS

Band7	5MHz	16QAM	21425	1RB#0	20.50	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.41	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.15	33	PASS
Band7	5MHz	16QAM	21425	12RB#0	19.44	33	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.45	33	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.23	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.25	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	20.46	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	20.54	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.73	33	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.46	33	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.56	33	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.56	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.56	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.33	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.36	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.50	33	PASS
Band7	10MHz	16QAM	20800	25RB#0	19.24	33	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.27	33	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.25	33	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.29	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.20	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.30	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.34	33	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.29	33	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.25	33	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.30	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.32	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.85	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.28	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.06	33	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.02	33	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.03	33	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.05	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.03	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	20.92	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	20.92	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	20.42	33	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.00	33	PASS
Band7	10MHz	QPSK	21400	25RB#12	19.81	33	PASS
Band7	10MHz	QPSK	21400	25RB#25	19.78	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	19.82	33	PASS

Band7	10MHz	16QAM	21400	1RB#0	20.80	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.51	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.28	33	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.48	33	PASS
Band7	10MHz	16QAM	21400	25RB#12	19.42	33	PASS
Band7	10MHz	16QAM	21400	25RB#25	19.32	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.44	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.32	33	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.56	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.64	33	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.54	33	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.48	33	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.53	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.52	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.59	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.24	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.90	33	PASS
Band7	15MHz	16QAM	20825	38RB#0	19.54	33	PASS
Band7	15MHz	16QAM	20825	38RB#18	19.29	33	PASS
Band7	15MHz	16QAM	20825	38RB#37	19.52	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.28	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.05	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.59	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.32	33	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.40	33	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.37	33	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.41	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.44	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.93	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.06	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.21	33	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.38	33	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.07	33	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.37	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.03	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.14	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.20	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.32	33	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.07	33	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.99	33	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.00	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.98	33	PASS

Band7	15MHz	16QAM	21375	1RB#0	21.06	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.23	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.30	33	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.06	33	PASS
Band7	15MHz	16QAM	21375	38RB#18	19.63	33	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.99	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.57	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.50	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.64	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.01	33	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.72	33	PASS
Band7	20MHz	QPSK	20850	50RB#25	19.82	33	PASS
Band7	20MHz	QPSK	20850	50RB#50	19.95	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.81	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.79	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.93	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.11	33	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.60	33	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.35	33	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.69	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.48	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.38	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.32	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.69	33	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.46	33	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.62	33	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.55	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.54	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.19	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.11	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.50	33	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.16	33	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.15	33	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.19	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.06	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.37	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.18	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.51	33	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.55	33	PASS
Band7	20MHz	QPSK	21350	50RB#25	20.25	33	PASS
Band7	20MHz	QPSK	21350	50RB#50	19.92	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.22	33	PASS

Band7	20MHz	16QAM	21350	1RB#0	21.69	33	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.41	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.61	33	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.30	33	PASS
Band7	20MHz	16QAM	21350	50RB#25	19.96	33	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.76	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.89	33	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	5.21	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.52	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.68	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.17	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	5.49	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.60	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.68	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.21	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	5.02	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.26	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.36	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.77	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	5.17	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.53	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.17	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.18	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	5.42	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.66	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.98	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.32	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	5.18	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.42	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.65	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.02	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	5.54	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.30	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.58	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.08	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	5.82	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.45	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	6.02	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.21	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	5.36	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.35	13	PASS

Band7	15MHz	16QAM	21375	1RB#0	5.58	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.08	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	5.30	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.56	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.37	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.19	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	5.58	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.74	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	6.03	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.32	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	4.88	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.56	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.97	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.17	13	PASS

Test Graphs











