

Appendix for LTE Band 41

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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
Band41	5MHz	QPSK	40265	1RB#0	22.27	33	PASS
Band41	5MHz	QPSK	40265	1RB#12	22.58	33	PASS
Band41	5MHz	QPSK	40265	1RB#24	22.25	33	PASS
Band41	5MHz	QPSK	40265	12RB#0	21.31	33	PASS
Band41	5MHz	QPSK	40265	12RB#6	21.42	33	PASS
Band41	5MHz	QPSK	40265	12RB#13	21.38	33	PASS
Band41	5MHz	QPSK	40265	25RB#0	21.35	33	PASS
Band41	5MHz	16QAM	40265	1RB#0	21.56	33	PASS
Band41	5MHz	16QAM	40265	1RB#12	21.87	33	PASS
Band41	5MHz	16QAM	40265	1RB#24	21.56	33	PASS
Band41	5MHz	16QAM	40265	12RB#0	20.35	33	PASS
Band41	5MHz	16QAM	40265	12RB#6	20.42	33	PASS
Band41	5MHz	16QAM	40265	12RB#13	20.38	33	PASS
Band41	5MHz	16QAM	40265	25RB#0	20.39	33	PASS
Band41	5MHz	QPSK	40740	1RB#0	22.26	33	PASS
Band41	5MHz	QPSK	40740	1RB#12	22.64	33	PASS
Band41	5MHz	QPSK	40740	1RB#24	22.23	33	PASS
Band41	5MHz	QPSK	40740	12RB#0	21.38	33	PASS
Band41	5MHz	QPSK	40740	12RB#6	21.50	33	PASS
Band41	5MHz	QPSK	40740	12RB#13	21.32	33	PASS
Band41	5MHz	QPSK	40740	25RB#0	21.38	33	PASS
Band41	5MHz	16QAM	40740	1RB#0	21.40	33	PASS
Band41	5MHz	16QAM	40740	1RB#12	21.62	33	PASS
Band41	5MHz	16QAM	40740	1RB#24	21.39	33	PASS
Band41	5MHz	16QAM	40740	12RB#0	20.46	33	PASS
Band41	5MHz	16QAM	40740	12RB#6	20.49	33	PASS
Band41	5MHz	16QAM	40740	12RB#13	20.41	33	PASS
Band41	5MHz	16QAM	40740	25RB#0	20.46	33	PASS
Band41	5MHz	QPSK	41215	1RB#0	22.20	33	PASS
Band41	5MHz	QPSK	41215	1RB#12	22.50	33	PASS
Band41	5MHz	QPSK	41215	1RB#24	22.15	33	PASS
Band41	5MHz	QPSK	41215	12RB#0	21.29	33	PASS
Band41	5MHz	QPSK	41215	12RB#6	21.32	33	PASS
Band41	5MHz	QPSK	41215	12RB#13	21.18	33	PASS
Band41	5MHz	QPSK	41215	25RB#0	21.27	33	PASS

Band41	5MHz	16QAM	41215	1RB#0	21.43	33	PASS
Band41	5MHz	16QAM	41215	1RB#12	21.77	33	PASS
Band41	5MHz	16QAM	41215	1RB#24	21.39	33	PASS
Band41	5MHz	16QAM	41215	12RB#0	20.18	33	PASS
Band41	5MHz	16QAM	41215	12RB#6	20.29	33	PASS
Band41	5MHz	16QAM	41215	12RB#13	20.21	33	PASS
Band41	5MHz	16QAM	41215	25RB#0	20.22	33	PASS
Band41	10MHz	QPSK	40290	1RB#0	22.38	33	PASS
Band41	10MHz	QPSK	40290	1RB#24	22.48	33	PASS
Band41	10MHz	QPSK	40290	1RB#49	22.41	33	PASS
Band41	10MHz	QPSK	40290	25RB#0	21.43	33	PASS
Band41	10MHz	QPSK	40290	25RB#12	21.41	33	PASS
Band41	10MHz	QPSK	40290	25RB#25	21.43	33	PASS
Band41	10MHz	QPSK	40290	50RB#0	21.37	33	PASS
Band41	10MHz	16QAM	40290	1RB#0	21.48	33	PASS
Band41	10MHz	16QAM	40290	1RB#24	21.62	33	PASS
Band41	10MHz	16QAM	40290	1RB#49	21.59	33	PASS
Band41	10MHz	16QAM	40290	25RB#0	20.54	33	PASS
Band41	10MHz	16QAM	40290	25RB#12	20.48	33	PASS
Band41	10MHz	16QAM	40290	25RB#25	20.56	33	PASS
Band41	10MHz	16QAM	40290	50RB#0	20.42	33	PASS
Band41	10MHz	QPSK	40740	1RB#0	22.46	33	PASS
Band41	10MHz	QPSK	40740	1RB#24	22.58	33	PASS
Band41	10MHz	QPSK	40740	1RB#49	22.35	33	PASS
Band41	10MHz	QPSK	40740	25RB#0	21.47	33	PASS
Band41	10MHz	QPSK	40740	25RB#12	21.43	33	PASS
Band41	10MHz	QPSK	40740	25RB#25	21.44	33	PASS
Band41	10MHz	QPSK	40740	50RB#0	21.40	33	PASS
Band41	10MHz	16QAM	40740	1RB#0	21.06	33	PASS
Band41	10MHz	16QAM	40740	1RB#24	21.14	33	PASS
Band41	10MHz	16QAM	40740	1RB#49	21.01	33	PASS
Band41	10MHz	16QAM	40740	25RB#0	20.47	33	PASS
Band41	10MHz	16QAM	40740	25RB#12	20.45	33	PASS
Band41	10MHz	16QAM	40740	25RB#25	20.46	33	PASS
Band41	10MHz	16QAM	40740	50RB#0	20.47	33	PASS
Band41	10MHz	QPSK	41190	1RB#0	22.31	33	PASS
Band41	10MHz	QPSK	41190	1RB#24	22.35	33	PASS
Band41	10MHz	QPSK	41190	1RB#49	22.23	33	PASS
Band41	10MHz	QPSK	41190	25RB#0	21.37	33	PASS
Band41	10MHz	QPSK	41190	25RB#12	21.27	33	PASS
Band41	10MHz	QPSK	41190	25RB#25	21.23	33	PASS
Band41	10MHz	QPSK	41190	50RB#0	21.28	33	PASS

Band41	10MHz	16QAM	41190	1RB#0	21.47	33	PASS
Band41	10MHz	16QAM	41190	1RB#24	21.48	33	PASS
Band41	10MHz	16QAM	41190	1RB#49	21.31	33	PASS
Band41	10MHz	16QAM	41190	25RB#0	20.48	33	PASS
Band41	10MHz	16QAM	41190	25RB#12	20.28	33	PASS
Band41	10MHz	16QAM	41190	25RB#25	20.27	33	PASS
Band41	10MHz	16QAM	41190	50RB#0	20.27	33	PASS
Band41	15MHz	QPSK	40315	1RB#0	22.23	33	PASS
Band41	15MHz	QPSK	40315	1RB#38	22.40	33	PASS
Band41	15MHz	QPSK	40315	1RB#74	22.28	33	PASS
Band41	15MHz	QPSK	40315	38RB#0	21.42	33	PASS
Band41	15MHz	QPSK	40315	38RB#18	21.43	33	PASS
Band41	15MHz	QPSK	40315	38RB#37	21.37	33	PASS
Band41	15MHz	QPSK	40315	75RB#0	21.41	33	PASS
Band41	15MHz	16QAM	40315	1RB#0	21.38	33	PASS
Band41	15MHz	16QAM	40315	1RB#38	21.51	33	PASS
Band41	15MHz	16QAM	40315	1RB#74	21.45	33	PASS
Band41	15MHz	16QAM	40315	38RB#0	21.40	33	PASS
Band41	15MHz	16QAM	40315	38RB#18	20.48	33	PASS
Band41	15MHz	16QAM	40315	38RB#37	21.43	33	PASS
Band41	15MHz	16QAM	40315	75RB#0	20.41	33	PASS
Band41	15MHz	QPSK	40740	1RB#0	22.38	33	PASS
Band41	15MHz	QPSK	40740	1RB#38	22.39	33	PASS
Band41	15MHz	QPSK	40740	1RB#74	22.28	33	PASS
Band41	15MHz	QPSK	40740	38RB#0	21.36	33	PASS
Band41	15MHz	QPSK	40740	38RB#18	21.41	33	PASS
Band41	15MHz	QPSK	40740	38RB#37	21.37	33	PASS
Band41	15MHz	QPSK	40740	75RB#0	21.34	33	PASS
Band41	15MHz	16QAM	40740	1RB#0	21.12	33	PASS
Band41	15MHz	16QAM	40740	1RB#38	21.11	33	PASS
Band41	15MHz	16QAM	40740	1RB#74	20.96	33	PASS
Band41	15MHz	16QAM	40740	38RB#0	21.36	33	PASS
Band41	15MHz	16QAM	40740	38RB#18	20.35	33	PASS
Band41	15MHz	16QAM	40740	38RB#37	21.34	33	PASS
Band41	15MHz	16QAM	40740	75RB#0	20.42	33	PASS
Band41	15MHz	QPSK	41165	1RB#0	22.26	33	PASS
Band41	15MHz	QPSK	41165	1RB#38	22.23	33	PASS
Band41	15MHz	QPSK	41165	1RB#74	22.08	33	PASS
Band41	15MHz	QPSK	41165	38RB#0	21.30	33	PASS
Band41	15MHz	QPSK	41165	38RB#18	21.32	33	PASS
Band41	15MHz	QPSK	41165	38RB#37	21.32	33	PASS
Band41	15MHz	QPSK	41165	75RB#0	21.32	33	PASS

Band41	15MHz	16QAM	41165	1RB#0	21.39	33	PASS
Band41	15MHz	16QAM	41165	1RB#38	21.36	33	PASS
Band41	15MHz	16QAM	41165	1RB#74	21.16	33	PASS
Band41	15MHz	16QAM	41165	38RB#0	21.30	33	PASS
Band41	15MHz	16QAM	41165	38RB#18	20.27	33	PASS
Band41	15MHz	16QAM	41165	38RB#37	21.33	33	PASS
Band41	15MHz	16QAM	41165	75RB#0	20.31	33	PASS
Band41	20MHz	QPSK	40340	1RB#0	22.30	33	PASS
Band41	20MHz	QPSK	40340	1RB#49	22.66	33	PASS
Band41	20MHz	QPSK	40340	1RB#99	22.29	33	PASS
Band41	20MHz	QPSK	40340	50RB#0	21.37	33	PASS
Band41	20MHz	QPSK	40340	50RB#25	21.47	33	PASS
Band41	20MHz	QPSK	40340	50RB#50	21.40	33	PASS
Band41	20MHz	QPSK	40340	100RB#0	21.37	33	PASS
Band41	20MHz	16QAM	40340	1RB#0	20.76	33	PASS
Band41	20MHz	16QAM	40340	1RB#49	21.59	33	PASS
Band41	20MHz	16QAM	40340	1RB#99	21.30	33	PASS
Band41	20MHz	16QAM	40340	50RB#0	20.39	33	PASS
Band41	20MHz	16QAM	40340	50RB#25	20.49	33	PASS
Band41	20MHz	16QAM	40340	50RB#50	20.41	33	PASS
Band41	20MHz	16QAM	40340	100RB#0	20.44	33	PASS
Band41	20MHz	QPSK	40740	1RB#0	22.39	33	PASS
Band41	20MHz	QPSK	40740	1RB#49	22.61	33	PASS
Band41	20MHz	QPSK	40740	1RB#99	22.22	33	PASS
Band41	20MHz	QPSK	40740	50RB#0	21.37	33	PASS
Band41	20MHz	QPSK	40740	50RB#25	21.41	33	PASS
Band41	20MHz	QPSK	40740	50RB#50	21.41	33	PASS
Band41	20MHz	QPSK	40740	100RB#0	21.41	33	PASS
Band41	20MHz	16QAM	40740	1RB#0	20.81	33	PASS
Band41	20MHz	16QAM	40740	1RB#49	21.54	33	PASS
Band41	20MHz	16QAM	40740	1RB#99	21.23	33	PASS
Band41	20MHz	16QAM	40740	50RB#0	20.37	33	PASS
Band41	20MHz	16QAM	40740	50RB#25	20.50	33	PASS
Band41	20MHz	16QAM	40740	50RB#50	20.39	33	PASS
Band41	20MHz	16QAM	40740	100RB#0	20.39	33	PASS
Band41	20MHz	QPSK	41140	1RB#0	22.40	33	PASS
Band41	20MHz	QPSK	41140	1RB#49	22.53	33	PASS
Band41	20MHz	QPSK	41140	1RB#99	22.24	33	PASS
Band41	20MHz	QPSK	41140	50RB#0	21.54	33	PASS
Band41	20MHz	QPSK	41140	50RB#25	21.43	33	PASS
Band41	20MHz	QPSK	41140	50RB#50	21.23	33	PASS
Band41	20MHz	QPSK	41140	100RB#0	21.42	33	PASS

Band41	20MHz	16QAM	41140	1RB#0	21.34	33	PASS
Band41	20MHz	16QAM	41140	1RB#49	21.47	33	PASS
Band41	20MHz	16QAM	41140	1RB#99	21.08	33	PASS
Band41	20MHz	16QAM	41140	50RB#0	20.59	33	PASS
Band41	20MHz	16QAM	41140	50RB#25	20.39	33	PASS
Band41	20MHz	16QAM	41140	50RB#50	20.18	33	PASS
Band41	20MHz	16QAM	41140	100RB#0	20.35	33	PASS

Appendix B: Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	40265	1RB#0	4.99	13	PASS
Band41	5MHz	QPSK	40265	25RB#0	5.42	13	PASS
Band41	5MHz	16QAM	40265	1RB#0	5.65	13	PASS
Band41	5MHz	16QAM	40265	25RB#0	6.35	13	PASS
Band41	5MHz	QPSK	40740	1RB#0	5.48	13	PASS
Band41	5MHz	QPSK	40740	25RB#0	5.65	13	PASS
Band41	5MHz	16QAM	40740	1RB#0	6.00	13	PASS
Band41	5MHz	16QAM	40740	25RB#0	6.52	13	PASS
Band41	5MHz	QPSK	41215	1RB#0	4.09	13	PASS
Band41	5MHz	QPSK	41215	25RB#0	5.13	13	PASS
Band41	5MHz	16QAM	41215	1RB#0	5.10	13	PASS
Band41	5MHz	16QAM	41215	25RB#0	5.97	13	PASS
Band41	10MHz	QPSK	40290	1RB#0	4.99	13	PASS
Band41	10MHz	QPSK	40290	50RB#0	5.33	13	PASS
Band41	10MHz	16QAM	40290	1RB#0	5.97	13	PASS
Band41	10MHz	16QAM	40290	50RB#0	6.26	13	PASS
Band41	10MHz	QPSK	40740	1RB#0	5.51	13	PASS
Band41	10MHz	QPSK	40740	50RB#0	5.51	13	PASS
Band41	10MHz	16QAM	40740	1RB#0	6.38	13	PASS
Band41	10MHz	16QAM	40740	50RB#0	6.43	13	PASS
Band41	10MHz	QPSK	41190	1RB#0	4.23	13	PASS
Band41	10MHz	QPSK	41190	50RB#0	5.07	13	PASS
Band41	10MHz	16QAM	41190	1RB#0	5.28	13	PASS
Band41	10MHz	16QAM	41190	50RB#0	6.00	13	PASS
Band41	15MHz	QPSK	40315	1RB#0	5.07	13	PASS
Band41	15MHz	QPSK	40315	75RB#0	5.68	13	PASS
Band41	15MHz	16QAM	40315	1RB#0	6.00	13	PASS
Band41	15MHz	16QAM	40315	75RB#0	6.41	13	PASS
Band41	15MHz	QPSK	40740	1RB#0	5.51	13	PASS
Band41	15MHz	QPSK	40740	75RB#0	5.88	13	PASS
Band41	15MHz	16QAM	40740	1RB#0	6.41	13	PASS
Band41	15MHz	16QAM	40740	75RB#0	6.58	13	PASS
Band41	15MHz	QPSK	41165	1RB#0	4.67	13	PASS
Band41	15MHz	QPSK	41165	75RB#0	5.39	13	PASS

Band41	15MHz	16QAM	41165	1RB#0	5.57	13	PASS
Band41	15MHz	16QAM	41165	75RB#0	6.14	13	PASS
Band41	20MHz	QPSK	40340	1RB#0	5.04	13	PASS
Band41	20MHz	QPSK	40340	100RB#0	5.36	13	PASS
Band41	20MHz	16QAM	40340	1RB#0	5.48	13	PASS
Band41	20MHz	16QAM	40340	100RB#0	6.29	13	PASS
Band41	20MHz	QPSK	40740	1RB#0	5.48	13	PASS
Band41	20MHz	QPSK	40740	100RB#0	5.51	13	PASS
Band41	20MHz	16QAM	40740	1RB#0	6.12	13	PASS
Band41	20MHz	16QAM	40740	100RB#0	6.41	13	PASS
Band41	20MHz	QPSK	41140	1RB#0	4.96	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	5.22	13	PASS
Band41	20MHz	16QAM	41140	1RB#0	5.71	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	6.12	13	PASS

Test Graphs



