

Appendix: LTE Band 2

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

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	5MHz	QPSK	18625	1RB#0	22.76	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.96	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.02	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.97	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.94	PASS
Band2	5MHz	QPSK	18625	12RB#13	22.16	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.68	PASS
Band2	5MHz	QPSK	18900	1RB#12	20.80	PASS
Band2	5MHz	QPSK	18900	1RB#24	20.93	PASS
Band2	5MHz	QPSK	18900	12RB#0	19.95	PASS
Band2	5MHz	QPSK	18900	12RB#6	19.93	PASS
Band2	5MHz	QPSK	18900	12RB#13	19.94	PASS
Band2	5MHz	QPSK	18900	25RB#0	19.83	PASS
Band2	5MHz	QPSK	19175	1RB#0	20.98	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.08	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.82	PASS
Band2	5MHz	QPSK	19175	12RB#0	22.40	PASS
Band2	5MHz	QPSK	19175	12RB#6	22.41	PASS
Band2	5MHz	QPSK	19175	12RB#13	22.08	PASS
Band2	5MHz	QPSK	19175	25RB#0	22.19	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.82	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.19	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.12	PASS
Band2	5MHz	16QAM	18625	12RB#0	21.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	21.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	21.11	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.90	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.93	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.91	PASS
Band2	5MHz	16QAM	18900	1RB#24	20.02	PASS

Band2	5MHz	16QAM	18900	12RB#0	21.93	PASS
Band2	5MHz	16QAM	18900	12RB#6	21.96	PASS
Band2	5MHz	16QAM	18900	12RB#13	21.97	PASS
Band2	5MHz	16QAM	18900	25RB#0	21.87	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.91	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.05	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.78	PASS
Band2	5MHz	16QAM	19175	12RB#0	21.38	PASS
Band2	5MHz	16QAM	19175	12RB#6	21.34	PASS
Band2	5MHz	16QAM	19175	12RB#13	21.09	PASS
Band2	5MHz	16QAM	19175	25RB#0	21.16	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.62	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.91	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.57	PASS
Band2	10MHz	QPSK	18650	25RB#0	21.77	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.78	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.74	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.68	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.87	PASS
Band2	10MHz	QPSK	18900	1RB#24	20.83	PASS
Band2	10MHz	QPSK	18900	1RB#49	21.11	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.85	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.87	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.86	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.70	PASS
Band2	10MHz	QPSK	19150	1RB#0	20.94	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.41	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.92	PASS
Band2	10MHz	QPSK	19150	25RB#0	22.47	PASS
Band2	10MHz	QPSK	19150	25RB#12	22.52	PASS
Band2	10MHz	QPSK	19150	25RB#25	22.14	PASS
Band2	10MHz	QPSK	19150	50RB#0	22.26	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.68	PASS
Band2	10MHz	16QAM	18650	1RB#12	21.99	PASS
Band2	10MHz	16QAM	18650	1RB#24	21.90	PASS
Band2	10MHz	16QAM	18650	12RB#0	21.67	PASS

Band2	10MHz	16QAM	18650	12RB#6	21.70	PASS
Band2	10MHz	16QAM	18650	12RB#13	21.70	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.72	PASS
Band2	10MHz	16QAM	18900	1RB#0	21.78	PASS
Band2	10MHz	16QAM	18900	1RB#12	21.69	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.73	PASS
Band2	10MHz	16QAM	18900	12RB#0	21.82	PASS
Band2	10MHz	16QAM	18900	12RB#6	21.85	PASS
Band2	10MHz	16QAM	18900	12RB#13	21.83	PASS
Band2	10MHz	16QAM	18900	25RB#0	21.80	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.90	PASS
Band2	10MHz	16QAM	19150	1RB#12	22.46	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.33	PASS
Band2	10MHz	16QAM	19150	12RB#0	22.49	PASS
Band2	10MHz	16QAM	19150	12RB#6	22.52	PASS
Band2	10MHz	16QAM	19150	12RB#13	22.54	PASS
Band2	10MHz	16QAM	19150	25RB#0	21.51	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.77	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.73	PASS
Band2	15MHz	QPSK	18675	1RB#74	21.88	PASS
Band2	15MHz	QPSK	18675	38RB#0	22.71	PASS
Band2	15MHz	QPSK	18675	38RB#18	22.73	PASS
Band2	15MHz	QPSK	18675	38RB#37	21.86	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.69	PASS
Band2	15MHz	QPSK	18900	1RB#0	21.29	PASS
Band2	15MHz	QPSK	18900	1RB#38	20.91	PASS
Band2	15MHz	QPSK	18900	1RB#74	21.64	PASS
Band2	15MHz	QPSK	18900	38RB#0	20.94	PASS
Band2	15MHz	QPSK	18900	38RB#18	20.92	PASS
Band2	15MHz	QPSK	18900	38RB#37	21.65	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.94	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.04	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.67	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.73	PASS
Band2	15MHz	QPSK	19125	38RB#0	23.33	PASS
Band2	15MHz	QPSK	19125	38RB#18	23.71	PASS

Band2	15MHz	QPSK	19125	38RB#37	22.75	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.58	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.78	PASS
Band2	15MHz	16QAM	18675	1RB#12	21.00	PASS
Band2	15MHz	16QAM	18675	1RB#24	21.01	PASS
Band2	15MHz	16QAM	18675	12RB#0	-20.42	PASS
Band2	15MHz	16QAM	18675	12RB#6	20.51	PASS
Band2	15MHz	16QAM	18675	12RB#13	21.85	PASS
Band2	15MHz	16QAM	18675	25RB#0	21.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.02	PASS
Band2	15MHz	16QAM	18900	1RB#12	21.99	PASS
Band2	15MHz	16QAM	18900	1RB#24	22.39	PASS
Band2	15MHz	16QAM	18900	12RB#0	20.04	PASS
Band2	15MHz	16QAM	18900	12RB#6	21.00	PASS
Band2	15MHz	16QAM	18900	12RB#13	22.46	PASS
Band2	15MHz	16QAM	18900	25RB#0	21.08	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.92	PASS
Band2	15MHz	16QAM	19125	1RB#12	22.52	PASS
Band2	15MHz	16QAM	19125	1RB#24	22.60	PASS
Band2	15MHz	16QAM	19125	12RB#0	22.53	PASS
Band2	15MHz	16QAM	19125	12RB#6	22.51	PASS
Band2	15MHz	16QAM	19125	12RB#13	22.50	PASS
Band2	15MHz	16QAM	19125	25RB#0	21.69	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.95	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.50	PASS
Band2	20MHz	QPSK	18700	1RB#99	21.38	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.83	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.83	PASS
Band2	20MHz	QPSK	18700	50RB#50	20.96	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.48	PASS
Band2	20MHz	QPSK	18900	1RB#0	22.60	PASS
Band2	20MHz	QPSK	18900	1RB#49	20.86	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.30	PASS
Band2	20MHz	QPSK	18900	50RB#0	20.08	PASS
Band2	20MHz	QPSK	18900	50RB#25	20.10	PASS
Band2	20MHz	QPSK	18900	50RB#50	20.09	PASS

Band2	20MHz	QPSK	18900	100RB#0	20.01	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.40	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.77	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.98	PASS
Band2	20MHz	QPSK	19100	50RB#0	22.51	PASS
Band2	20MHz	QPSK	19100	50RB#25	22.48	PASS
Band2	20MHz	QPSK	19100	50RB#50	22.44	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.86	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.71	PASS
Band2	20MHz	16QAM	18700	1RB#12	21.00	PASS
Band2	20MHz	16QAM	18700	1RB#24	21.30	PASS
Band2	20MHz	16QAM	18700	12RB#0	21.85	PASS
Band2	20MHz	16QAM	18700	12RB#6	21.87	PASS
Band2	20MHz	16QAM	18700	12RB#13	21.85	PASS
Band2	20MHz	16QAM	18700	25RB#0	20.82	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.44	PASS
Band2	20MHz	16QAM	18900	1RB#12	21.10	PASS
Band2	20MHz	16QAM	18900	1RB#24	21.80	PASS
Band2	20MHz	16QAM	18900	12RB#0	21.90	PASS
Band2	20MHz	16QAM	18900	12RB#6	21.38	PASS
Band2	20MHz	16QAM	18900	12RB#13	21.40	PASS
Band2	20MHz	16QAM	18900	25RB#0	20.28	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.14	PASS
Band2	20MHz	16QAM	19100	1RB#12	21.72	PASS
Band2	20MHz	16QAM	19100	1RB#24	21.00	PASS
Band2	20MHz	16QAM	19100	12RB#0	21.37	PASS
Band2	20MHz	16QAM	19100	12RB#6	21.04	PASS
Band2	20MHz	16QAM	19100	12RB#13	21.88	PASS
Band2	20MHz	16QAM	19100	25RB#0	20.46	PASS

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

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	5MHz	QPSK	18625	1RB#0	4.32	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.84	13	PASS
Band2	5MHz	QPSK	18900	1RB#0	4.29	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.10	13	PASS
Band2	5MHz	QPSK	19175	1RB#0	4.06	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.64	13	PASS
Band2	5MHz	16QAM	18625	1RB#0	5.22	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.62	13	PASS
Band2	5MHz	16QAM	18900	1RB#0	5.25	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.00	13	PASS
Band2	5MHz	16QAM	19175	1RB#0	4.93	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.57	13	PASS
Band2	10MHz	QPSK	18650	1RB#0	4.29	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	4.81	13	PASS
Band2	10MHz	QPSK	18900	1RB#0	3.86	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.30	13	PASS
Band2	10MHz	QPSK	19150	1RB#0	3.45	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	4.87	13	PASS
Band2	10MHz	16QAM	18650	1RB#0	5.25	13	PASS
Band2	10MHz	16QAM	18650	25RB#0	5.91	13	PASS
Band2	10MHz	16QAM	18900	1RB#0	4.75	13	PASS
Band2	10MHz	16QAM	18900	25RB#0	5.94	13	PASS
Band2	10MHz	16QAM	19150	1RB#0	8.46	13	PASS
Band2	10MHz	16QAM	19150	25RB#0	8.49	13	PASS
Band2	15MHz	QPSK	18675	1RB#0	3.83	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	4.70	13	PASS
Band2	15MHz	QPSK	18900	1RB#0	2.96	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.36	13	PASS
Band2	15MHz	QPSK	19125	1RB#0	2.93	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	4.72	13	PASS
Band2	15MHz	16QAM	18675	1RB#0	4.29	13	PASS
Band2	15MHz	16QAM	18675	25RB#0	5.86	13	PASS
Band2	15MHz	16QAM	18900	1RB#0	4.12	13	PASS

Band2	15MHz	16QAM	18900	25RB#0	5.59	13	PASS
Band2	15MHz	16QAM	19125	1RB#0	3.42	13	PASS
Band2	15MHz	16QAM	19125	25RB#0	5.01	13	PASS
Band2	20MHz	QPSK	18700	1RB#0	4.00	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	4.52	13	PASS
Band2	20MHz	QPSK	18900	1RB#0	3.19	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.16	13	PASS
Band2	20MHz	QPSK	19100	1RB#0	3.54	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.58	13	PASS
Band2	20MHz	16QAM	18700	1RB#0	4.38	13	PASS
Band2	20MHz	16QAM	18700	25RB#0	5.77	13	PASS
Band2	20MHz	16QAM	18900	1RB#0	4.14	13	PASS
Band2	20MHz	16QAM	18900	25RB#0	5.33	13	PASS
Band2	20MHz	16QAM	19100	1RB#0	4.06	13	PASS
Band2	20MHz	16QAM	19100	25RB#0	5.22	13	PASS

Test Graphs

