

Appendix-A LTE Band 42(3450-3550)

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
42(3450-3550)	5MHz	QPSK	42115	1RB#0	19.13	21.52	30	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#12	18.83	21.22	30	PASS
42(3450-3550)	5MHz	QPSK	42115	1RB#24	18.89	21.28	30	PASS
42(3450-3550)	5MHz	QPSK	42115	25RB#0	17.9	20.29	30	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#0	18.9	21.29	30	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#12	18.96	21.35	30	PASS
42(3450-3550)	5MHz	QPSK	42590	1RB#24	18.85	21.24	30	PASS
42(3450-3550)	5MHz	QPSK	42590	25RB#0	17.85	20.24	30	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#0	18.81	21.2	30	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#12	18.91	21.3	30	PASS
42(3450-3550)	5MHz	QPSK	43065	1RB#24	18.9	21.29	30	PASS
42(3450-3550)	5MHz	QPSK	43065	25RB#0	17.89	20.28	30	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#0	17.87	20.26	30	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#12	17.84	20.23	30	PASS
42(3450-3550)	5MHz	16QAM	42115	1RB#24	17.87	20.26	30	PASS
42(3450-3550)	5MHz	16QAM	42115	25RB#0	16.89	19.28	30	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#0	17.93	20.32	30	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#12	17.98	20.37	30	PASS
42(3450-3550)	5MHz	16QAM	42590	1RB#24	17.87	20.26	30	PASS
42(3450-3550)	5MHz	16QAM	42590	25RB#0	16.78	19.17	30	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#0	17.93	20.32	30	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#12	17.89	20.28	30	PASS
42(3450-3550)	5MHz	16QAM	43065	1RB#24	17.75	20.14	30	PASS
42(3450-3550)	5MHz	16QAM	43065	25RB#0	16.89	19.28	30	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#0	17.25	19.64	30	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#12	17.13	19.52	30	PASS
42(3450-3550)	5MHz	64QAM	42115	1RB#24	16.98	19.37	30	PASS
42(3450-3550)	5MHz	64QAM	42115	25RB#0	16.17	18.56	30	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#0	16.9	19.29	30	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#12	16.94	19.33	30	PASS
42(3450-3550)	5MHz	64QAM	42590	1RB#24	17.37	19.76	30	PASS
42(3450-3550)	5MHz	64QAM	42590	25RB#0	16.1	18.49	30	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#0	16.95	19.34	30	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#12	17.21	19.6	30	PASS
42(3450-3550)	5MHz	64QAM	43065	1RB#24	17.01	19.4	30	PASS
42(3450-3550)	5MHz	64QAM	43065	25RB#0	16.12	18.51	30	PASS

42(3450-3550)	5MHz	256QAM	42115	1RB#0	13.87	16.26	30	PASS
42(3450-3550)	5MHz	256QAM	42115	1RB#12	14.01	16.4	30	PASS
42(3450-3550)	5MHz	256QAM	42115	1RB#24	13.85	16.24	30	PASS
42(3450-3550)	5MHz	256QAM	42115	25RB#0	14.03	16.42	30	PASS
42(3450-3550)	5MHz	256QAM	42590	1RB#0	14.24	16.63	30	PASS
42(3450-3550)	5MHz	256QAM	42590	1RB#12	13.97	16.36	30	PASS
42(3450-3550)	5MHz	256QAM	42590	1RB#24	13.96	16.35	30	PASS
42(3450-3550)	5MHz	256QAM	42590	25RB#0	14.04	16.43	30	PASS
42(3450-3550)	5MHz	256QAM	43065	1RB#0	13.9	16.29	30	PASS
42(3450-3550)	5MHz	256QAM	43065	1RB#12	14.05	16.44	30	PASS
42(3450-3550)	5MHz	256QAM	43065	1RB#24	13.63	16.02	30	PASS
42(3450-3550)	5MHz	256QAM	43065	25RB#0	14.03	16.42	30	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#0	18.73	21.12	30	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#24	19.03	21.42	30	PASS
42(3450-3550)	10MHz	QPSK	42140	1RB#49	18.88	21.27	30	PASS
42(3450-3550)	10MHz	QPSK	42140	50RB#0	17.91	20.3	30	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#0	19	21.39	30	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#24	19.04	21.43	30	PASS
42(3450-3550)	10MHz	QPSK	42590	1RB#49	18.99	21.38	30	PASS
42(3450-3550)	10MHz	QPSK	42590	50RB#0	17.92	20.31	30	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#0	19.03	21.42	30	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#24	18.99	21.38	30	PASS
42(3450-3550)	10MHz	QPSK	43040	1RB#49	18.98	21.37	30	PASS
42(3450-3550)	10MHz	QPSK	43040	50RB#0	17.97	20.36	30	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#0	17.61	20	30	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#24	17.89	20.28	30	PASS
42(3450-3550)	10MHz	16QAM	42140	1RB#49	17.71	20.1	30	PASS
42(3450-3550)	10MHz	16QAM	42140	50RB#0	16.79	19.18	30	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#0	17.79	20.18	30	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#24	17.94	20.33	30	PASS
42(3450-3550)	10MHz	16QAM	42590	1RB#49	17.99	20.38	30	PASS
42(3450-3550)	10MHz	16QAM	42590	50RB#0	16.96	19.35	30	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#0	17.84	20.23	30	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#24	18.02	20.41	30	PASS
42(3450-3550)	10MHz	16QAM	43040	1RB#49	17.92	20.31	30	PASS
42(3450-3550)	10MHz	16QAM	43040	50RB#0	16.75	19.14	30	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#0	16.99	19.38	30	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#24	17.11	19.5	30	PASS
42(3450-3550)	10MHz	64QAM	42140	1RB#49	17.12	19.51	30	PASS
42(3450-3550)	10MHz	64QAM	42140	50RB#0	16.25	18.64	30	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#0	17.42	19.81	30	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#24	17.13	19.52	30	PASS
42(3450-3550)	10MHz	64QAM	42590	1RB#49	17.09	19.48	30	PASS
42(3450-3550)	10MHz	64QAM	42590	50RB#0	16.1	18.49	30	PASS

42(3450-3550)	10MHz	64QAM	43040	1RB#0	16.61	19	30	PASS
42(3450-3550)	10MHz	64QAM	43040	1RB#24	17.25	19.64	30	PASS
42(3450-3550)	10MHz	64QAM	43040	1RB#49	17.01	19.4	30	PASS
42(3450-3550)	10MHz	64QAM	43040	50RB#0	16.05	18.44	30	PASS
42(3450-3550)	10MHz	256QAM	42140	1RB#0	13.56	15.95	30	PASS
42(3450-3550)	10MHz	256QAM	42140	1RB#24	13.95	16.34	30	PASS
42(3450-3550)	10MHz	256QAM	42140	1RB#49	14.13	16.52	30	PASS
42(3450-3550)	10MHz	256QAM	42140	50RB#0	14.2	16.59	30	PASS
42(3450-3550)	10MHz	256QAM	42590	1RB#0	14.14	16.53	30	PASS
42(3450-3550)	10MHz	256QAM	42590	1RB#24	13.97	16.36	30	PASS
42(3450-3550)	10MHz	256QAM	42590	1RB#49	13.99	16.38	30	PASS
42(3450-3550)	10MHz	256QAM	42590	50RB#0	14.1	16.49	30	PASS
42(3450-3550)	10MHz	256QAM	43040	1RB#0	14.17	16.56	30	PASS
42(3450-3550)	10MHz	256QAM	43040	1RB#24	14.06	16.45	30	PASS
42(3450-3550)	10MHz	256QAM	43040	1RB#49	13.75	16.14	30	PASS
42(3450-3550)	10MHz	256QAM	43040	50RB#0	13.97	16.36	30	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#0	18.85	21.24	30	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#38	18.97	21.36	30	PASS
42(3450-3550)	15MHz	QPSK	42165	1RB#74	19.02	21.41	30	PASS
42(3450-3550)	15MHz	QPSK	42165	75RB#0	18.02	20.41	30	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#0	18.95	21.34	30	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#38	19.13	21.52	30	PASS
42(3450-3550)	15MHz	QPSK	42590	1RB#74	18.97	21.36	30	PASS
42(3450-3550)	15MHz	QPSK	42590	75RB#0	17.88	20.27	30	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#0	18.8	21.19	30	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#38	18.96	21.35	30	PASS
42(3450-3550)	15MHz	QPSK	43015	1RB#74	18.94	21.33	30	PASS
42(3450-3550)	15MHz	QPSK	43015	75RB#0	17.77	20.16	30	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#0	17.79	20.18	30	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#38	17.8	20.19	30	PASS
42(3450-3550)	15MHz	16QAM	42165	1RB#74	17.8	20.19	30	PASS
42(3450-3550)	15MHz	16QAM	42165	75RB#0	16.83	19.22	30	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#0	17.78	20.17	30	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#38	17.93	20.32	30	PASS
42(3450-3550)	15MHz	16QAM	42590	1RB#74	17.84	20.23	30	PASS
42(3450-3550)	15MHz	16QAM	42590	75RB#0	16.86	19.25	30	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#0	18.07	20.46	30	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#38	17.89	20.28	30	PASS
42(3450-3550)	15MHz	16QAM	43015	1RB#74	17.9	20.29	30	PASS
42(3450-3550)	15MHz	16QAM	43015	75RB#0	16.91	19.3	30	PASS
42(3450-3550)	15MHz	64QAM	42165	1RB#0	17.1	19.49	30	PASS
42(3450-3550)	15MHz	64QAM	42165	1RB#38	17.36	19.75	30	PASS
42(3450-3550)	15MHz	64QAM	42165	1RB#74	17.13	19.52	30	PASS
42(3450-3550)	15MHz	64QAM	42165	75RB#0	16.09	18.48	30	PASS

42(3450-3550)	15MHz	64QAM	42590	1RB#0	17.3	19.69	30	PASS
42(3450-3550)	15MHz	64QAM	42590	1RB#38	17.15	19.54	30	PASS
42(3450-3550)	15MHz	64QAM	42590	1RB#74	16.95	19.34	30	PASS
42(3450-3550)	15MHz	64QAM	42590	75RB#0	16	18.39	30	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#0	16.81	19.2	30	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#38	17.16	19.55	30	PASS
42(3450-3550)	15MHz	64QAM	43015	1RB#74	17.04	19.43	30	PASS
42(3450-3550)	15MHz	64QAM	43015	75RB#0	15.94	18.33	30	PASS
42(3450-3550)	15MHz	256QAM	42165	1RB#0	13.75	16.14	30	PASS
42(3450-3550)	15MHz	256QAM	42165	1RB#38	13.95	16.34	30	PASS
42(3450-3550)	15MHz	256QAM	42165	1RB#74	14.02	16.41	30	PASS
42(3450-3550)	15MHz	256QAM	42165	75RB#0	14.06	16.45	30	PASS
42(3450-3550)	15MHz	256QAM	42590	1RB#0	14.05	16.44	30	PASS
42(3450-3550)	15MHz	256QAM	42590	1RB#38	14.12	16.51	30	PASS
42(3450-3550)	15MHz	256QAM	42590	1RB#74	13.79	16.18	30	PASS
42(3450-3550)	15MHz	256QAM	42590	75RB#0	14	16.39	30	PASS
42(3450-3550)	15MHz	256QAM	43015	1RB#0	14.03	16.42	30	PASS
42(3450-3550)	15MHz	256QAM	43015	1RB#38	13.73	16.12	30	PASS
42(3450-3550)	15MHz	256QAM	43015	1RB#74	14.01	16.4	30	PASS
42(3450-3550)	15MHz	256QAM	43015	75RB#0	13.93	16.32	30	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#0	19.01	21.4	30	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#49	19.06	21.45	30	PASS
42(3450-3550)	20MHz	QPSK	42190	1RB#99	18.99	21.38	30	PASS
42(3450-3550)	20MHz	QPSK	42190	100RB#0	17.92	20.31	30	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#0	18.76	21.15	30	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#49	19.04	21.43	30	PASS
42(3450-3550)	20MHz	QPSK	42590	1RB#99	18.93	21.32	30	PASS
42(3450-3550)	20MHz	QPSK	42590	100RB#0	17.91	20.3	30	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#0	18.81	21.2	30	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#49	18.89	21.28	30	PASS
42(3450-3550)	20MHz	QPSK	42990	1RB#99	19.04	21.43	30	PASS
42(3450-3550)	20MHz	QPSK	42990	100RB#0	18.01	20.4	30	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#0	17.73	20.12	30	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#49	17.77	20.16	30	PASS
42(3450-3550)	20MHz	16QAM	42190	1RB#99	17.93	20.32	30	PASS
42(3450-3550)	20MHz	16QAM	42190	100RB#0	16.83	19.22	30	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#0	17.97	20.36	30	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#49	17.94	20.33	30	PASS
42(3450-3550)	20MHz	16QAM	42590	1RB#99	18.07	20.46	30	PASS
42(3450-3550)	20MHz	16QAM	42590	100RB#0	16.8	19.19	30	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#0	17.61	20	30	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#49	17.83	20.22	30	PASS
42(3450-3550)	20MHz	16QAM	42990	1RB#99	17.71	20.1	30	PASS
42(3450-3550)	20MHz	16QAM	42990	100RB#0	16.78	19.17	30	PASS

42(3450-3550)	20MHz	64QAM	42190	1RB#0	16.64	19.03	30	PASS
42(3450-3550)	20MHz	64QAM	42190	1RB#49	17.08	19.47	30	PASS
42(3450-3550)	20MHz	64QAM	42190	1RB#99	17.16	19.55	30	PASS
42(3450-3550)	20MHz	64QAM	42190	100RB#0	16.03	18.42	30	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#0	17.04	19.43	30	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#49	17.09	19.48	30	PASS
42(3450-3550)	20MHz	64QAM	42590	1RB#99	17.16	19.55	30	PASS
42(3450-3550)	20MHz	64QAM	42590	100RB#0	16.07	18.46	30	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#0	16.96	19.35	30	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#49	16.99	19.38	30	PASS
42(3450-3550)	20MHz	64QAM	42990	1RB#99	16.95	19.34	30	PASS
42(3450-3550)	20MHz	64QAM	42990	100RB#0	15.94	18.33	30	PASS
42(3450-3550)	20MHz	256QAM	42190	1RB#0	14.26	16.65	30	PASS
42(3450-3550)	20MHz	256QAM	42190	1RB#49	14.21	16.6	30	PASS
42(3450-3550)	20MHz	256QAM	42190	1RB#99	13.63	16.02	30	PASS
42(3450-3550)	20MHz	256QAM	42190	100RB#0	14.1	16.49	30	PASS
42(3450-3550)	20MHz	256QAM	42590	1RB#0	13.91	16.3	30	PASS
42(3450-3550)	20MHz	256QAM	42590	1RB#49	14.09	16.48	30	PASS
42(3450-3550)	20MHz	256QAM	42590	1RB#99	13.81	16.2	30	PASS
42(3450-3550)	20MHz	256QAM	42590	100RB#0	14	16.39	30	PASS
42(3450-3550)	20MHz	256QAM	42990	1RB#0	13.93	16.32	30	PASS
42(3450-3550)	20MHz	256QAM	42990	1RB#49	14.02	16.41	30	PASS
42(3450-3550)	20MHz	256QAM	42990	1RB#99	14.08	16.47	30	PASS
42(3450-3550)	20MHz	256QAM	42990	100RB#0	14.08	16.47	30	PASS

~The End~