

Appendix-A LTE Band 42(3550-3600)

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	18.74	21.13	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#12	18.9	21.29	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	18.82	21.21	PASS
42(3550-3600)	5MHz	QPSK	43115	25RB#0	17.88	20.27	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	18.76	21.15	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#12	19.01	21.4	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	18.85	21.24	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	17.83	20.22	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	18.64	21.03	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#12	18.71	21.1	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	18.65	21.04	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	17.87	20.26	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#0	17.88	20.27	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#12	17.82	20.21	PASS
42(3550-3600)	5MHz	16QAM	43115	1RB#24	17.9	20.29	PASS
42(3550-3600)	5MHz	16QAM	43115	25RB#0	16.92	19.31	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#0	17.84	20.23	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#12	17.87	20.26	PASS
42(3550-3600)	5MHz	16QAM	43340	1RB#24	17.91	20.3	PASS
42(3550-3600)	5MHz	16QAM	43340	25RB#0	16.84	19.23	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#0	17.76	20.15	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#12	17.75	20.14	PASS
42(3550-3600)	5MHz	16QAM	43565	1RB#24	17.92	20.31	PASS
42(3550-3600)	5MHz	16QAM	43565	25RB#0	16.71	19.1	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#0	16.88	19.27	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#12	16.79	19.18	PASS
42(3550-3600)	5MHz	64QAM	43115	1RB#24	17.06	19.45	PASS
42(3550-3600)	5MHz	64QAM	43115	25RB#0	16.06	18.45	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#0	17.14	19.53	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#12	17.16	19.55	PASS
42(3550-3600)	5MHz	64QAM	43340	1RB#24	16.95	19.34	PASS
42(3550-3600)	5MHz	64QAM	43340	25RB#0	16.01	18.4	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#0	16.96	19.35	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#12	17.01	19.4	PASS
42(3550-3600)	5MHz	64QAM	43565	1RB#24	17.03	19.42	PASS
42(3550-3600)	5MHz	64QAM	43565	25RB#0	15.85	18.24	PASS

42(3550-3600)	5MHz	256QAM	43115	1RB#0	13.97	16.36	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#12	14.07	16.46	PASS
42(3550-3600)	5MHz	256QAM	43115	1RB#24	14.09	16.48	PASS
42(3550-3600)	5MHz	256QAM	43115	25RB#0	13.96	16.35	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#0	13.96	16.35	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#12	14.02	16.41	PASS
42(3550-3600)	5MHz	256QAM	43340	1RB#24	13.68	16.07	PASS
42(3550-3600)	5MHz	256QAM	43340	25RB#0	14.01	16.4	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#0	13.61	16	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#12	13.95	16.34	PASS
42(3550-3600)	5MHz	256QAM	43565	1RB#24	13.56	15.95	PASS
42(3550-3600)	5MHz	256QAM	43565	25RB#0	13.86	16.25	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	18.79	21.18	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#24	18.72	21.11	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	18.84	21.23	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	18.11	20.5	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	18.89	21.28	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#24	18.84	21.23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	18.85	21.24	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	17.94	20.33	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	18.82	21.21	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#24	18.7	21.09	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	18.88	21.27	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	17.7	20.09	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#0	17.83	20.22	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#24	17.97	20.36	PASS
42(3550-3600)	10MHz	16QAM	43140	1RB#49	17.81	20.2	PASS
42(3550-3600)	10MHz	16QAM	43140	50RB#0	16.95	19.34	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#0	17.82	20.21	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#24	17.94	20.33	PASS
42(3550-3600)	10MHz	16QAM	43340	1RB#49	17.81	20.2	PASS
42(3550-3600)	10MHz	16QAM	43340	50RB#0	16.81	19.2	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#0	17.46	19.85	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#24	17.86	20.25	PASS
42(3550-3600)	10MHz	16QAM	43540	1RB#49	17.84	20.23	PASS
42(3550-3600)	10MHz	16QAM	43540	50RB#0	16.78	19.17	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#0	17.06	19.45	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#24	16.97	19.36	PASS
42(3550-3600)	10MHz	64QAM	43140	1RB#49	16.83	19.22	PASS
42(3550-3600)	10MHz	64QAM	43140	50RB#0	15.98	18.37	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#0	16.99	19.38	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#24	17.07	19.46	PASS
42(3550-3600)	10MHz	64QAM	43340	1RB#49	16.9	19.29	PASS

42(3550-3600)	10MHz	64QAM	43340	50RB#0	15.92	18.31	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#0	17.05	19.44	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#24	16.77	19.16	PASS
42(3550-3600)	10MHz	64QAM	43540	1RB#49	16.66	19.05	PASS
42(3550-3600)	10MHz	64QAM	43540	50RB#0	15.85	18.24	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#0	13.79	16.18	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#24	13.81	16.2	PASS
42(3550-3600)	10MHz	256QAM	43140	1RB#49	13.93	16.32	PASS
42(3550-3600)	10MHz	256QAM	43140	50RB#0	14.04	16.43	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#0	14.11	16.5	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#24	14.02	16.41	PASS
42(3550-3600)	10MHz	256QAM	43340	1RB#49	13.99	16.38	PASS
42(3550-3600)	10MHz	256QAM	43340	50RB#0	14.03	16.42	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#0	14.11	16.5	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#24	13.99	16.38	PASS
42(3550-3600)	10MHz	256QAM	43540	1RB#49	13.42	15.81	PASS
42(3550-3600)	10MHz	256QAM	43540	50RB#0	14.02	16.41	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	18.95	21.34	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#38	19.15	21.54	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	18.98	21.37	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	18.01	20.4	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	18.87	21.26	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#38	19.04	21.43	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	18.93	21.32	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	17.91	20.3	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	18.78	21.17	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#38	18.97	21.36	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	18.86	21.25	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	17.71	20.1	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#0	18.05	20.44	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#38	17.91	20.3	PASS
42(3550-3600)	15MHz	16QAM	43165	1RB#74	17.76	20.15	PASS
42(3550-3600)	15MHz	16QAM	43165	75RB#0	16.95	19.34	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#0	17.63	20.02	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#38	17.8	20.19	PASS
42(3550-3600)	15MHz	16QAM	43340	1RB#74	17.69	20.08	PASS
42(3550-3600)	15MHz	16QAM	43340	75RB#0	16.83	19.22	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#0	17.48	19.87	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#38	17.88	20.27	PASS
42(3550-3600)	15MHz	16QAM	43515	1RB#74	17.71	20.1	PASS
42(3550-3600)	15MHz	16QAM	43515	75RB#0	16.55	18.94	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#0	16.58	18.97	PASS
42(3550-3600)	15MHz	64QAM	43165	1RB#38	17.16	19.55	PASS

42(3550-3600)	15MHz	64QAM	43165	1RB#74	17.04	19.43	PASS
42(3550-3600)	15MHz	64QAM	43165	75RB#0	15.98	18.37	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#0	16.83	19.22	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#38	16.86	19.25	PASS
42(3550-3600)	15MHz	64QAM	43340	1RB#74	16.87	19.26	PASS
42(3550-3600)	15MHz	64QAM	43340	75RB#0	15.89	18.28	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#0	16.83	19.22	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#38	16.96	19.35	PASS
42(3550-3600)	15MHz	64QAM	43515	1RB#74	16.94	19.33	PASS
42(3550-3600)	15MHz	64QAM	43515	75RB#0	15.83	18.22	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#0	13.98	16.37	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#38	13.85	16.24	PASS
42(3550-3600)	15MHz	256QAM	43165	1RB#74	13.68	16.07	PASS
42(3550-3600)	15MHz	256QAM	43165	75RB#0	14.01	16.4	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#0	13.94	16.33	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#38	13.97	16.36	PASS
42(3550-3600)	15MHz	256QAM	43340	1RB#74	14.12	16.51	PASS
42(3550-3600)	15MHz	256QAM	43340	75RB#0	13.75	16.14	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#0	14.18	16.57	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#38	13.71	16.1	PASS
42(3550-3600)	15MHz	256QAM	43515	1RB#74	13.63	16.02	PASS
42(3550-3600)	15MHz	256QAM	43515	75RB#0	13.97	16.36	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	18.96	21.35	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#49	18.99	21.38	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#99	18.89	21.28	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	17.72	20.11	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	18.94	21.33	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#49	18.73	21.12	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	18.86	21.25	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	17.76	20.15	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	18.63	21.02	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#49	18.85	21.24	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	18.83	21.22	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	17.79	20.18	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#0	17.65	20.04	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#49	17.86	20.25	PASS
42(3550-3600)	20MHz	16QAM	43190	1RB#99	17.53	19.92	PASS
42(3550-3600)	20MHz	16QAM	43190	100RB#0	16.92	19.31	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#0	17.67	20.06	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#49	17.87	20.26	PASS
42(3550-3600)	20MHz	16QAM	43340	1RB#99	17.92	20.31	PASS
42(3550-3600)	20MHz	16QAM	43340	100RB#0	16.81	19.2	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#0	17.49	19.88	PASS

42(3550-3600)	20MHz	16QAM	43490	1RB#49	17.96	20.35	PASS
42(3550-3600)	20MHz	16QAM	43490	1RB#99	17.79	20.18	PASS
42(3550-3600)	20MHz	16QAM	43490	100RB#0	16.87	19.26	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#0	16.89	19.28	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#49	17.09	19.48	PASS
42(3550-3600)	20MHz	64QAM	43190	1RB#99	16.89	19.28	PASS
42(3550-3600)	20MHz	64QAM	43190	100RB#0	15.83	18.22	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#0	16.97	19.36	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#49	16.94	19.33	PASS
42(3550-3600)	20MHz	64QAM	43340	1RB#99	17.12	19.51	PASS
42(3550-3600)	20MHz	64QAM	43340	100RB#0	15.99	18.38	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#0	16.93	19.32	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#49	16.53	18.92	PASS
42(3550-3600)	20MHz	64QAM	43490	1RB#99	16.99	19.38	PASS
42(3550-3600)	20MHz	64QAM	43490	100RB#0	15.86	18.25	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#0	13.68	16.07	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#49	13.91	16.3	PASS
42(3550-3600)	20MHz	256QAM	43190	1RB#99	14.11	16.5	PASS
42(3550-3600)	20MHz	256QAM	43190	100RB#0	13.9	16.29	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#0	14.31	16.7	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#49	14.3	16.69	PASS
42(3550-3600)	20MHz	256QAM	43340	1RB#99	14.05	16.44	PASS
42(3550-3600)	20MHz	256QAM	43340	100RB#0	13.85	16.24	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#0	13.9	16.29	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#49	13.68	16.07	PASS
42(3550-3600)	20MHz	256QAM	43490	1RB#99	13.67	16.06	PASS
42(3550-3600)	20MHz	256QAM	43490	100RB#0	13.87	16.26	PASS

Maximum EIRP and Maximum PSD**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
42(3550-3600)	5MHz	QPSK	43115	1RB#0	19.53	21.92	23	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#12	19.62	22.01	23	PASS
42(3550-3600)	5MHz	QPSK	43115	1RB#24	19.53	21.92	23	PASS
42(3550-3600)	5MHz	QPSK	43115	25RB#0	18.21	20.6	23	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#0	19.64	22.03	23	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#12	19.74	22.13	23	PASS
42(3550-3600)	5MHz	QPSK	43340	1RB#24	19.65	22.04	23	PASS
42(3550-3600)	5MHz	QPSK	43340	25RB#0	18.27	20.66	23	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#0	19.59	21.98	23	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#12	19.71	22.1	23	PASS
42(3550-3600)	5MHz	QPSK	43565	1RB#24	19.88	22.27	23	PASS
42(3550-3600)	5MHz	QPSK	43565	25RB#0	18.33	20.72	23	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#0	19.59	21.98	23	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#24	19.59	21.98	23	PASS
42(3550-3600)	10MHz	QPSK	43140	1RB#49	19.58	21.97	23	PASS
42(3550-3600)	10MHz	QPSK	43140	50RB#0	17.61	20	23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#0	19.57	21.96	23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#24	19.76	22.15	23	PASS
42(3550-3600)	10MHz	QPSK	43340	1RB#49	19.58	21.97	23	PASS
42(3550-3600)	10MHz	QPSK	43340	50RB#0	17.57	19.96	23	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#0	19.56	21.95	23	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#24	19.72	22.11	23	PASS
42(3550-3600)	10MHz	QPSK	43540	1RB#49	19.9	22.29	23	PASS
42(3550-3600)	10MHz	QPSK	43540	50RB#0	17.64	20.03	23	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#0	19.56	21.95	23	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#38	19.55	21.94	23	PASS
42(3550-3600)	15MHz	QPSK	43165	1RB#74	19.53	21.92	23	PASS
42(3550-3600)	15MHz	QPSK	43165	75RB#0	16.19	18.58	23	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#0	19.66	22.05	23	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#38	19.71	22.1	23	PASS
42(3550-3600)	15MHz	QPSK	43340	1RB#74	19.55	21.94	23	PASS
42(3550-3600)	15MHz	QPSK	43340	75RB#0	16.24	18.63	23	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#0	19.6	21.99	23	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#38	19.72	22.11	23	PASS
42(3550-3600)	15MHz	QPSK	43515	1RB#74	19.88	22.27	23	PASS
42(3550-3600)	15MHz	QPSK	43515	75RB#0	16.22	18.61	23	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#0	19.62	22.01	23	PASS
42(3550-3600)	20MHz	QPSK	43190	1RB#49	19.59	21.98	23	PASS

42(3550-3600)	20MHz	QPSK	43190	1RB#99	19.52	21.91	23	PASS
42(3550-3600)	20MHz	QPSK	43190	100RB#0	14.88	17.27	23	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#0	19.64	22.03	23	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#49	19.62	22.01	23	PASS
42(3550-3600)	20MHz	QPSK	43340	1RB#99	19.65	22.04	23	PASS
42(3550-3600)	20MHz	QPSK	43340	100RB#0	14.93	17.32	23	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#0	19.55	21.94	23	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#49	19.7	22.09	23	PASS
42(3550-3600)	20MHz	QPSK	43490	1RB#99	19.83	22.22	23	PASS
42(3550-3600)	20MHz	QPSK	43490	100RB#0	15	17.39	23	PASS

~The End~