

Appendix-A LTE Band 43(3600-3700)

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Verdict
43(3600-3700)	5MHz	QPSK	43615	1RB#0	18.74	21.13	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#12	18.93	21.32	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#24	18.6	20.99	PASS
43(3600-3700)	5MHz	QPSK	43615	25RB#0	17.72	20.11	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#0	18.71	21.1	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#12	18.88	21.27	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#24	18.64	21.03	PASS
43(3600-3700)	5MHz	QPSK	44090	25RB#0	17.8	20.19	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#0	18.61	21	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#12	18.68	21.07	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#24	18.74	21.13	PASS
43(3600-3700)	5MHz	QPSK	44565	25RB#0	17.81	20.2	PASS
43(3600-3700)	5MHz	16QAM	43615	1RB#0	17.91	20.3	PASS
43(3600-3700)	5MHz	16QAM	43615	1RB#12	17.9	20.29	PASS
43(3600-3700)	5MHz	16QAM	43615	1RB#24	17.69	20.08	PASS
43(3600-3700)	5MHz	16QAM	43615	25RB#0	16.87	19.26	PASS
43(3600-3700)	5MHz	16QAM	44090	1RB#0	17.78	20.17	PASS
43(3600-3700)	5MHz	16QAM	44090	1RB#12	17.8	20.19	PASS
43(3600-3700)	5MHz	16QAM	44090	1RB#24	17.92	20.31	PASS
43(3600-3700)	5MHz	16QAM	44090	25RB#0	16.85	19.24	PASS
43(3600-3700)	5MHz	16QAM	44565	1RB#0	17.42	19.81	PASS
43(3600-3700)	5MHz	16QAM	44565	1RB#12	17.91	20.3	PASS
43(3600-3700)	5MHz	16QAM	44565	1RB#24	17.83	20.22	PASS
43(3600-3700)	5MHz	16QAM	44565	25RB#0	16.73	19.12	PASS
43(3600-3700)	5MHz	64QAM	43615	1RB#0	16.75	19.14	PASS
43(3600-3700)	5MHz	64QAM	43615	1RB#12	17.16	19.55	PASS
43(3600-3700)	5MHz	64QAM	43615	1RB#24	17.12	19.51	PASS
43(3600-3700)	5MHz	64QAM	43615	25RB#0	15.96	18.35	PASS
43(3600-3700)	5MHz	64QAM	44090	1RB#0	16.77	19.16	PASS
43(3600-3700)	5MHz	64QAM	44090	1RB#12	16.83	19.22	PASS
43(3600-3700)	5MHz	64QAM	44090	1RB#24	16.65	19.04	PASS
43(3600-3700)	5MHz	64QAM	44090	25RB#0	15.97	18.36	PASS
43(3600-3700)	5MHz	64QAM	44565	1RB#0	16.84	19.23	PASS
43(3600-3700)	5MHz	64QAM	44565	1RB#12	16.56	18.95	PASS
43(3600-3700)	5MHz	64QAM	44565	1RB#24	16.99	19.38	PASS
43(3600-3700)	5MHz	64QAM	44565	25RB#0	15.75	18.14	PASS

43(3600-3700)	5MHz	256QAM	43615	1RB#0	13.84	16.23	PASS
43(3600-3700)	5MHz	256QAM	43615	1RB#12	14.22	16.61	PASS
43(3600-3700)	5MHz	256QAM	43615	1RB#24	13.8	16.19	PASS
43(3600-3700)	5MHz	256QAM	43615	25RB#0	13.86	16.25	PASS
43(3600-3700)	5MHz	256QAM	44090	1RB#0	14.12	16.51	PASS
43(3600-3700)	5MHz	256QAM	44090	1RB#12	13.86	16.25	PASS
43(3600-3700)	5MHz	256QAM	44090	1RB#24	13.47	15.86	PASS
43(3600-3700)	5MHz	256QAM	44090	25RB#0	13.76	16.15	PASS
43(3600-3700)	5MHz	256QAM	44565	1RB#0	13.68	16.07	PASS
43(3600-3700)	5MHz	256QAM	44565	1RB#12	13.66	16.05	PASS
43(3600-3700)	5MHz	256QAM	44565	1RB#24	13.61	16	PASS
43(3600-3700)	5MHz	256QAM	44565	25RB#0	13.71	16.1	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#0	18.71	21.1	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#24	18.81	21.2	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#49	18.51	20.9	PASS
43(3600-3700)	10MHz	QPSK	43640	50RB#0	17.76	20.15	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#0	18.69	21.08	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#24	18.65	21.04	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#49	18.89	21.28	PASS
43(3600-3700)	10MHz	QPSK	44090	50RB#0	17.89	20.28	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#0	18.74	21.13	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#24	18.8	21.19	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#49	18.85	21.24	PASS
43(3600-3700)	10MHz	QPSK	44540	50RB#0	17.82	20.21	PASS
43(3600-3700)	10MHz	16QAM	43640	1RB#0	17.75	20.14	PASS
43(3600-3700)	10MHz	16QAM	43640	1RB#24	17.92	20.31	PASS
43(3600-3700)	10MHz	16QAM	43640	1RB#49	17.61	20	PASS
43(3600-3700)	10MHz	16QAM	43640	50RB#0	16.87	19.26	PASS
43(3600-3700)	10MHz	16QAM	44090	1RB#0	17.71	20.1	PASS
43(3600-3700)	10MHz	16QAM	44090	1RB#24	17.67	20.06	PASS
43(3600-3700)	10MHz	16QAM	44090	1RB#49	17.75	20.14	PASS
43(3600-3700)	10MHz	16QAM	44090	50RB#0	16.78	19.17	PASS
43(3600-3700)	10MHz	16QAM	44540	1RB#0	17.79	20.18	PASS
43(3600-3700)	10MHz	16QAM	44540	1RB#24	17.92	20.31	PASS
43(3600-3700)	10MHz	16QAM	44540	1RB#49	17.68	20.07	PASS
43(3600-3700)	10MHz	16QAM	44540	50RB#0	16.8	19.19	PASS
43(3600-3700)	10MHz	64QAM	43640	1RB#0	16.62	19.01	PASS
43(3600-3700)	10MHz	64QAM	43640	1RB#24	17	19.39	PASS
43(3600-3700)	10MHz	64QAM	43640	1RB#49	16.8	19.19	PASS
43(3600-3700)	10MHz	64QAM	43640	50RB#0	15.98	18.37	PASS
43(3600-3700)	10MHz	64QAM	44090	1RB#0	17.01	19.4	PASS
43(3600-3700)	10MHz	64QAM	44090	1RB#24	16.56	18.95	PASS
43(3600-3700)	10MHz	64QAM	44090	1RB#49	16.61	19	PASS
43(3600-3700)	10MHz	64QAM	44090	50RB#0	16.02	18.41	PASS

43(3600-3700)	10MHz	64QAM	44540	1RB#0	16.68	19.07	PASS
43(3600-3700)	10MHz	64QAM	44540	1RB#24	16.38	18.77	PASS
43(3600-3700)	10MHz	64QAM	44540	1RB#49	16.63	19.02	PASS
43(3600-3700)	10MHz	64QAM	44540	50RB#0	15.73	18.12	PASS
43(3600-3700)	10MHz	256QAM	43640	1RB#0	13.68	16.07	PASS
43(3600-3700)	10MHz	256QAM	43640	1RB#24	14.13	16.52	PASS
43(3600-3700)	10MHz	256QAM	43640	1RB#49	14.07	16.46	PASS
43(3600-3700)	10MHz	256QAM	43640	50RB#0	14.1	16.49	PASS
43(3600-3700)	10MHz	256QAM	44090	1RB#0	13.33	15.72	PASS
43(3600-3700)	10MHz	256QAM	44090	1RB#24	13.69	16.08	PASS
43(3600-3700)	10MHz	256QAM	44090	1RB#49	13.82	16.21	PASS
43(3600-3700)	10MHz	256QAM	44090	50RB#0	13.93	16.32	PASS
43(3600-3700)	10MHz	256QAM	44540	1RB#0	13.76	16.15	PASS
43(3600-3700)	10MHz	256QAM	44540	1RB#24	13.92	16.31	PASS
43(3600-3700)	10MHz	256QAM	44540	1RB#49	13.69	16.08	PASS
43(3600-3700)	10MHz	256QAM	44540	50RB#0	13.72	16.11	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#0	18.76	21.15	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#38	18.79	21.18	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#74	18.78	21.17	PASS
43(3600-3700)	15MHz	QPSK	43665	75RB#0	17.8	20.19	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#0	18.65	21.04	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#38	18.75	21.14	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#74	18.84	21.23	PASS
43(3600-3700)	15MHz	QPSK	44090	75RB#0	17.79	20.18	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#0	18.7	21.09	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#38	18.87	21.26	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#74	18.96	21.35	PASS
43(3600-3700)	15MHz	QPSK	44515	75RB#0	17.75	20.14	PASS
43(3600-3700)	15MHz	16QAM	43665	1RB#0	17.76	20.15	PASS
43(3600-3700)	15MHz	16QAM	43665	1RB#38	17.78	20.17	PASS
43(3600-3700)	15MHz	16QAM	43665	1RB#74	17.44	19.83	PASS
43(3600-3700)	15MHz	16QAM	43665	75RB#0	16.79	19.18	PASS
43(3600-3700)	15MHz	16QAM	44090	1RB#0	17.69	20.08	PASS
43(3600-3700)	15MHz	16QAM	44090	1RB#38	17.59	19.98	PASS
43(3600-3700)	15MHz	16QAM	44090	1RB#74	17.72	20.11	PASS
43(3600-3700)	15MHz	16QAM	44090	75RB#0	16.82	19.21	PASS
43(3600-3700)	15MHz	16QAM	44515	1RB#0	17.72	20.11	PASS
43(3600-3700)	15MHz	16QAM	44515	1RB#38	17.91	20.3	PASS
43(3600-3700)	15MHz	16QAM	44515	1RB#74	17.68	20.07	PASS
43(3600-3700)	15MHz	16QAM	44515	75RB#0	16.68	19.07	PASS
43(3600-3700)	15MHz	64QAM	43665	1RB#0	16.96	19.35	PASS
43(3600-3700)	15MHz	64QAM	43665	1RB#38	16.71	19.1	PASS
43(3600-3700)	15MHz	64QAM	43665	1RB#74	16.75	19.14	PASS
43(3600-3700)	15MHz	64QAM	43665	75RB#0	15.9	18.29	PASS

43(3600-3700)	15MHz	64QAM	44090	1RB#0	16.86	19.25	PASS
43(3600-3700)	15MHz	64QAM	44090	1RB#38	16.72	19.11	PASS
43(3600-3700)	15MHz	64QAM	44090	1RB#74	16.77	19.16	PASS
43(3600-3700)	15MHz	64QAM	44090	75RB#0	15.86	18.25	PASS
43(3600-3700)	15MHz	64QAM	44515	1RB#0	16.77	19.16	PASS
43(3600-3700)	15MHz	64QAM	44515	1RB#38	16.84	19.23	PASS
43(3600-3700)	15MHz	64QAM	44515	1RB#74	16.67	19.06	PASS
43(3600-3700)	15MHz	64QAM	44515	75RB#0	15.81	18.2	PASS
43(3600-3700)	15MHz	256QAM	43665	1RB#0	13.66	16.05	PASS
43(3600-3700)	15MHz	256QAM	43665	1RB#38	13.7	16.09	PASS
43(3600-3700)	15MHz	256QAM	43665	1RB#74	13.59	15.98	PASS
43(3600-3700)	15MHz	256QAM	43665	75RB#0	14	16.39	PASS
43(3600-3700)	15MHz	256QAM	44090	1RB#0	13.68	16.07	PASS
43(3600-3700)	15MHz	256QAM	44090	1RB#38	13.75	16.14	PASS
43(3600-3700)	15MHz	256QAM	44090	1RB#74	13.62	16.01	PASS
43(3600-3700)	15MHz	256QAM	44090	75RB#0	13.77	16.16	PASS
43(3600-3700)	15MHz	256QAM	44515	1RB#0	13.76	16.15	PASS
43(3600-3700)	15MHz	256QAM	44515	1RB#38	13.66	16.05	PASS
43(3600-3700)	15MHz	256QAM	44515	1RB#74	13.35	15.74	PASS
43(3600-3700)	15MHz	256QAM	44515	75RB#0	13.75	16.14	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#0	18.61	21	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#49	18.99	21.38	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#99	18.95	21.34	PASS
43(3600-3700)	20MHz	QPSK	43690	100RB#0	17.85	20.24	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#0	18.64	21.03	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#49	18.94	21.33	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#99	18.8	21.19	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	17.8	20.19	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#0	18.45	20.84	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#49	18.74	21.13	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#99	18.85	21.24	PASS
43(3600-3700)	20MHz	QPSK	44490	100RB#0	17.75	20.14	PASS
43(3600-3700)	20MHz	16QAM	43690	1RB#0	17.38	19.77	PASS
43(3600-3700)	20MHz	16QAM	43690	1RB#49	17.7	20.09	PASS
43(3600-3700)	20MHz	16QAM	43690	1RB#99	17.78	20.17	PASS
43(3600-3700)	20MHz	16QAM	43690	100RB#0	16.78	19.17	PASS
43(3600-3700)	20MHz	16QAM	44090	1RB#0	17.81	20.2	PASS
43(3600-3700)	20MHz	16QAM	44090	1RB#49	17.8	20.19	PASS
43(3600-3700)	20MHz	16QAM	44090	1RB#99	17.78	20.17	PASS
43(3600-3700)	20MHz	16QAM	44090	100RB#0	16.73	19.12	PASS
43(3600-3700)	20MHz	16QAM	44490	1RB#0	17.59	19.98	PASS
43(3600-3700)	20MHz	16QAM	44490	1RB#49	17.73	20.12	PASS
43(3600-3700)	20MHz	16QAM	44490	1RB#99	17.8	20.19	PASS
43(3600-3700)	20MHz	16QAM	44490	100RB#0	16.57	18.96	PASS

43(3600-3700)	20MHz	64QAM	43690	1RB#0	16.53	18.92	PASS
43(3600-3700)	20MHz	64QAM	43690	1RB#49	16.95	19.34	PASS
43(3600-3700)	20MHz	64QAM	43690	1RB#99	17.08	19.47	PASS
43(3600-3700)	20MHz	64QAM	43690	100RB#0	15.99	18.38	PASS
43(3600-3700)	20MHz	64QAM	44090	1RB#0	16.85	19.24	PASS
43(3600-3700)	20MHz	64QAM	44090	1RB#49	16.65	19.04	PASS
43(3600-3700)	20MHz	64QAM	44090	1RB#99	16.75	19.14	PASS
43(3600-3700)	20MHz	64QAM	44090	100RB#0	15.82	18.21	PASS
43(3600-3700)	20MHz	64QAM	44490	1RB#0	16.94	19.33	PASS
43(3600-3700)	20MHz	64QAM	44490	1RB#49	16.45	18.84	PASS
43(3600-3700)	20MHz	64QAM	44490	1RB#99	16.76	19.15	PASS
43(3600-3700)	20MHz	64QAM	44490	100RB#0	15.62	18.01	PASS
43(3600-3700)	20MHz	256QAM	43690	1RB#0	13.79	16.18	PASS
43(3600-3700)	20MHz	256QAM	43690	1RB#49	13.91	16.3	PASS
43(3600-3700)	20MHz	256QAM	43690	1RB#99	13.65	16.04	PASS
43(3600-3700)	20MHz	256QAM	43690	100RB#0	13.96	16.35	PASS
43(3600-3700)	20MHz	256QAM	44090	1RB#0	13.87	16.26	PASS
43(3600-3700)	20MHz	256QAM	44090	1RB#49	13.72	16.11	PASS
43(3600-3700)	20MHz	256QAM	44090	1RB#99	13.83	16.22	PASS
43(3600-3700)	20MHz	256QAM	44090	100RB#0	13.81	16.2	PASS
43(3600-3700)	20MHz	256QAM	44490	1RB#0	13.73	16.12	PASS
43(3600-3700)	20MHz	256QAM	44490	1RB#49	13.77	16.16	PASS
43(3600-3700)	20MHz	256QAM	44490	1RB#99	13.59	15.98	PASS
43(3600-3700)	20MHz	256QAM	44490	100RB#0	13.76	16.15	PASS

Maximum EIRP and Maximum PSD

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
43(3600-3700)	5MHz	QPSK	43615	1RB#0	19.91	22.3	23	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#12	19.93	22.32	23	PASS
43(3600-3700)	5MHz	QPSK	43615	1RB#24	19.83	22.22	23	PASS
43(3600-3700)	5MHz	QPSK	43615	25RB#0	18.62	21.01	23	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#0	19.78	22.17	23	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#12	19.78	22.17	23	PASS
43(3600-3700)	5MHz	QPSK	44090	1RB#24	19.78	22.17	23	PASS
43(3600-3700)	5MHz	QPSK	44090	25RB#0	18.56	20.95	23	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#0	19.41	21.8	23	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#12	19.47	21.86	23	PASS
43(3600-3700)	5MHz	QPSK	44565	1RB#24	19.47	21.86	23	PASS
43(3600-3700)	5MHz	QPSK	44565	25RB#0	18.21	20.6	23	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#0	19.89	22.28	23	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#24	19.9	22.29	23	PASS
43(3600-3700)	10MHz	QPSK	43640	1RB#49	19.85	22.24	23	PASS
43(3600-3700)	10MHz	QPSK	43640	50RB#0	18.01	20.4	23	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#0	19.81	22.2	23	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#24	19.91	22.3	23	PASS
43(3600-3700)	10MHz	QPSK	44090	1RB#49	19.72	22.11	23	PASS
43(3600-3700)	10MHz	QPSK	44090	50RB#0	17.91	20.3	23	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#0	19.36	21.75	23	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#24	19.48	21.87	23	PASS
43(3600-3700)	10MHz	QPSK	44540	1RB#49	19.44	21.83	23	PASS
43(3600-3700)	10MHz	QPSK	44540	50RB#0	17.6	19.99	23	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#0	19.76	22.15	23	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#38	19.91	22.3	23	PASS
43(3600-3700)	15MHz	QPSK	43665	1RB#74	19.9	22.29	23	PASS
43(3600-3700)	15MHz	QPSK	43665	75RB#0	16.61	19	23	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#0	19.89	22.28	23	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#38	19.76	22.15	23	PASS
43(3600-3700)	15MHz	QPSK	44090	1RB#74	19.64	22.03	23	PASS
43(3600-3700)	15MHz	QPSK	44090	75RB#0	16.57	18.96	23	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#0	19.44	21.83	23	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#38	19.52	21.91	23	PASS
43(3600-3700)	15MHz	QPSK	44515	1RB#74	19.37	21.76	23	PASS
43(3600-3700)	15MHz	QPSK	44515	75RB#0	16.24	18.63	23	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#0	19.79	22.18	23	PASS
43(3600-3700)	20MHz	QPSK	43690	1RB#49	19.96	22.35	23	PASS

43(3600-3700)	20MHz	QPSK	43690	1RB#99	19.89	22.28	23	PASS
43(3600-3700)	20MHz	QPSK	43690	100RB#0	15.37	17.76	23	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#0	19.87	22.26	23	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#49	19.86	22.25	23	PASS
43(3600-3700)	20MHz	QPSK	44090	1RB#99	19.59	21.98	23	PASS
43(3600-3700)	20MHz	QPSK	44090	100RB#0	15.28	17.67	23	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#0	19.37	21.76	23	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#49	19.44	21.83	23	PASS
43(3600-3700)	20MHz	QPSK	44490	1RB#99	19.36	21.75	23	PASS
43(3600-3700)	20MHz	QPSK	44490	100RB#0	14.89	17.28	23	PASS

~The End~