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Appendix B.47

LTE CA_42C (3450-3550)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP(d Bm)	Limit (dBm)	Verdict
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	1RB#0-0RB#0	25.63	19.53	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42145-42289	50RB#0-100RB#0	24.78	18.68	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	1RB#0-0RB#0	25.45	19.35	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42496-42640	50RB#0-100RB#0	24.32	18.22	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	1RB#0-0RB#0	25.69	19.59	30	PASS
42-42	10MHz-20MHz	QPSK-QPSK	42846-42990	50RB#0-100RB#0	24.47	18.37	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	1RB#0-0RB#0	24.71	18.61	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42145-42289	50RB#0-100RB#0	23.62	17.52	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	1RB#0-0RB#0	24.36	18.26	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42496-42640	50RB#0-100RB#0	23.40	17.30	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	1RB#0-0RB#0	24.53	18.43	30	PASS
42-42	10MHz-20MHz	16QAM-16QAM	42846-42990	50RB#0-100RB#0	23.46	17.36	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	1RB#0-0RB#0	23.71	17.61	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42145-42289	50RB#0-100RB#0	23.43	17.33	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	1RB#0-0RB#0	23.56	17.46	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42496-42640	50RB#0-100RB#0	23.40	17.30	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	1RB#0-0RB#0	23.65	17.55	30	PASS
42-42	10MHz-20MHz	64QAM-64QAM	42846-42990	50RB#0-100RB#0	23.61	17.51	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	1RB#0-0RB#0	20.79	14.69	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42145-42289	50RB#0-100RB#0	21.65	15.55	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	1RB#0-0RB#0	20.61	14.51	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42496-42640	50RB#0-100RB#0	21.38	15.28	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	1RB#0-0RB#0	20.56	14.46	30	PASS
42-42	10MHz-20MHz	256QAM-256QAM	42846-42990	50RB#0-100RB#0	21.56	15.46	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	1RB#0-0RB#0	25.72	19.62	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42168-42339	75RB#0-100RB#0	24.54	18.44	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	1RB#0-0RB#0	25.40	19.30	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42493-42664	75RB#0-100RB#0	24.46	18.36	30	PASS



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42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	1RB#0-0RB#0	25.54	19.44	30	PASS
42-42	15MHz-20MHz	QPSK-QPSK	42819-42990	75RB#0-100RB#0	24.38	18.28	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	1RB#0-0RB#0	24.49	18.39	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42168-42339	75RB#0-100RB#0	23.47	17.37	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	1RB#0-0RB#0	24.31	18.21	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42493-42664	75RB#0-100RB#0	23.41	17.31	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	1RB#0-0RB#0	24.42	18.32	30	PASS
42-42	15MHz-20MHz	16QAM-16QAM	42819-42990	75RB#0-100RB#0	23.55	17.45	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	1RB#0-0RB#0	23.72	17.62	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42168-42339	75RB#0-100RB#0	23.15	17.05	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	1RB#0-0RB#0	23.47	17.37	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42493-42664	75RB#0-100RB#0	23.37	17.27	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	1RB#0-0RB#0	23.45	17.35	30	PASS
42-42	15MHz-20MHz	64QAM-64QAM	42819-42990	75RB#0-100RB#0	23.49	17.39	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	1RB#0-0RB#0	22.03	15.93	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42168-42339	75RB#0-100RB#0	21.42	15.32	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	1RB#0-0RB#0	21.71	15.61	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42493-42664	75RB#0-100RB#0	21.26	15.16	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	1RB#0-0RB#0	20.56	14.46	30	PASS
42-42	15MHz-20MHz	256QAM-256QAM	42819-42990	75RB#0-100RB#0	21.55	15.45	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	100RB#0-50RB#0	24.61	18.51	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42190-42334	1RB#0-0RB#0	25.68	19.58	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	100RB#0-50RB#0	24.38	18.28	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42541-42685	1RB#0-0RB#0	25.38	19.28	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	100RB#0-50RB#0	24.37	18.27	30	PASS
42-42	20MHz-10MHz	QPSK-QPSK	42891-43035	1RB#0-0RB#0	25.63	19.53	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	100RB#0-50RB#0	23.40	17.30	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42190-42334	1RB#0-0RB#0	24.69	18.59	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	100RB#0-50RB#0	23.47	17.37	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42541-42685	1RB#0-0RB#0	24.49	18.39	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	100RB#0-50RB#0	23.54	17.44	30	PASS
42-42	20MHz-10MHz	16QAM-16QAM	42891-43035	1RB#0-0RB#0	24.45	18.35	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	100RB#0-50RB#0	23.69	17.59	30	PASS



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42-42	20MHz-10MHz	64QAM-64QAM	42190-42334	1RB#0-0RB#0	23.80	17.70	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	100RB#0-50RB#0	23.53	17.43	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42541-42685	1RB#0-0RB#0	23.60	17.50	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	100RB#0-50RB#0	23.40	17.30	30	PASS
42-42	20MHz-10MHz	64QAM-64QAM	42891-43035	1RB#0-0RB#0	23.70	17.60	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	100RB#0-50RB#0	21.44	15.34	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42190-42334	1RB#0-0RB#0	20.45	14.35	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	100RB#0-50RB#0	21.38	15.28	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42541-42685	1RB#0-0RB#0	20.63	14.53	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	100RB#0-50RB#0	21.59	15.49	30	PASS
42-42	20MHz-10MHz	256QAM-256QAM	42891-43035	1RB#0-0RB#0	20.44	14.34	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	100RB#0-75RB#0	24.44	18.34	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42190-42361	1RB#0-0RB#0	25.62	19.52	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	100RB#0-75RB#0	24.46	18.36	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42516-42687	1RB#0-0RB#0	25.52	19.42	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	100RB#0-75RB#0	24.44	18.34	30	PASS
42-42	20MHz-15MHz	QPSK-QPSK	42841-43012	1RB#0-0RB#0	25.45	19.35	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	100RB#0-75RB#0	23.42	17.32	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42190-42361	1RB#0-0RB#0	24.44	18.34	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	100RB#0-75RB#0	23.40	17.30	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42516-42687	1RB#0-0RB#0	24.31	18.21	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	100RB#0-75RB#0	23.55	17.45	30	PASS
42-42	20MHz-15MHz	16QAM-16QAM	42841-43012	1RB#0-0RB#0	24.31	18.21	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	100RB#0-75RB#0	23.42	17.32	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42190-42361	1RB#0-0RB#0	23.80	17.70	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	100RB#0-75RB#0	23.40	17.30	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42516-42687	1RB#0-0RB#0	23.44	17.34	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	100RB#0-75RB#0	23.48	17.38	30	PASS
42-42	20MHz-15MHz	64QAM-64QAM	42841-43012	1RB#0-0RB#0	23.74	17.64	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	100RB#0-75RB#0	21.50	15.40	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42190-42361	1RB#0-0RB#0	20.63	14.53	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	100RB#0-75RB#0	21.48	15.38	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42516-42687	1RB#0-0RB#0	20.53	14.43	30	PASS



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42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	100RB#0-75RB#0	21.36	15.26	30	PASS
42-42	20MHz-15MHz	256QAM-256QAM	42841-43012	1RB#0-0RB#0	20.53	14.43	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	100RB#0-100RB#0	24.47	18.37	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42190-42388	1RB#0-0RB#0	25.67	19.57	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	100RB#0-100RB#0	24.40	18.30	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42491-42689	1RB#0-0RB#0	25.54	19.44	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	100RB#0-100RB#0	24.54	18.44	30	PASS
42-42	20MHz-20MHz	QPSK-QPSK	42792-42990	1RB#0-0RB#0	25.48	19.38	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	100RB#0-100RB#0	23.49	17.39	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42190-42388	1RB#0-0RB#0	24.55	18.45	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	100RB#0-100RB#0	23.44	17.34	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42491-42689	1RB#0-0RB#0	24.46	18.36	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	100RB#0-100RB#0	23.41	17.31	30	PASS
42-42	20MHz-20MHz	16QAM-16QAM	42792-42990	1RB#0-0RB#0	24.29	18.19	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	100RB#0-100RB#0	23.39	17.29	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42190-42388	1RB#0-0RB#0	23.61	17.51	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	100RB#0-100RB#0	23.40	17.30	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42491-42689	1RB#0-0RB#0	23.61	17.51	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	100RB#0-100RB#0	23.58	17.48	30	PASS
42-42	20MHz-20MHz	64QAM-64QAM	42792-42990	1RB#0-0RB#0	23.60	17.50	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	100RB#0-100RB#0	21.47	15.37	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42190-42388	1RB#0-0RB#0	20.40	14.30	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	100RB#0-100RB#0	21.33	15.23	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42491-42689	1RB#0-0RB#0	20.37	14.27	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	100RB#0-100RB#0	21.56	15.46	30	PASS
42-42	20MHz-20MHz	256QAM-256QAM	42792-42990	1RB#0-0RB#0	20.60	14.50	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	100RB#0-25RB#0	24.74	18.64	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42190-42307	1RB#0-0RB#0	25.65	19.55	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	100RB#0-25RB#0	24.33	18.23	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42565-42682	1RB#0-0RB#0	25.44	19.34	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	100RB#0-25RB#0	24.45	18.35	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43057	1RB#0-0RB#0	25.56	19.46	30	PASS
42-42	20MHz-5MHz	QPSK-QPSK	42940-43507	1RB#0-0RB#0	23.57	17.47	30	PASS



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42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	100RB#0-25RB#0	24.54	18.44	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42190-42307	1RB#0-0RB#0	23.46	17.36	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	100RB#0-25RB#0	24.57	18.47	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42565-42682	1RB#0-0RB#0	23.43	17.33	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	100RB#0-25RB#0	24.67	18.57	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43057	1RB#0-0RB#0	23.61	17.51	30	PASS
42-42	20MHz-5MHz	16QAM-16QAM	42940-43507	1RB#0-0RB#0	23.68	17.58	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	100RB#0-25RB#0	23.32	17.22	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42190-42307	1RB#0-0RB#0	23.48	17.38	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	100RB#0-25RB#0	23.56	17.46	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42565-42682	1RB#0-0RB#0	23.83	17.73	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	100RB#0-25RB#0	21.50	15.40	30	PASS
42-42	20MHz-5MHz	64QAM-64QAM	42940-43057	1RB#0-0RB#0	20.76	14.66	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	100RB#0-25RB#0	21.57	15.47	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42190-42307	1RB#0-0RB#0	20.56	14.46	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	100RB#0-25RB#0	21.58	15.48	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42565-42682	1RB#0-0RB#0	20.46	14.36	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	100RB#0-25RB#0	25.58	19.48	30	PASS
42-42	20MHz-5MHz	256QAM-256QAM	42940-43057	1RB#0-0RB#0	23.31	17.21	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	1RB#0-0RB#0	25.42	19.32	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42123-42240	50RB#0-100RB#0	22.98	16.88	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	1RB#0-0RB#0	25.64	19.54	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42498-42615	50RB#0-100RB#0	22.92	16.82	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	1RB#0-0RB#0	24.66	18.56	30	PASS
42-42	5MHz-20MHz	QPSK-QPSK	42873-42990	50RB#0-100RB#0	22.99	16.89	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	1RB#0-0RB#0	24.47	18.37	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42123-42240	50RB#0-100RB#0	22.76	16.66	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	1RB#0-0RB#0	24.43	18.33	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42498-42615	50RB#0-100RB#0	22.95	16.85	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	1RB#0-0RB#0	24.60	18.50	30	PASS
42-42	5MHz-20MHz	16QAM-16QAM	42873-42990	50RB#0-100RB#0	23.41	17.31	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	1RB#0-0RB#0	23.57	17.47	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42123-42240	50RB#0-100RB#0	22.90	16.80	30	PASS



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42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	1RB#0-0RB#0	23.58	17.48	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42498-42615	50RB#0-100RB#0	22.98	16.88	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	1RB#0-0RB#0	20.54	14.44	30	PASS
42-42	5MHz-20MHz	64QAM-64QAM	42873-42990	50RB#0-100RB#0	21.00	14.90	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	1RB#0-0RB#0	20.42	14.32	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42123-42240	50RB#0-100RB#0	20.94	14.84	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	1RB#0-0RB#0	20.54	14.44	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42498-42615	50RB#0-100RB#0	21.06	14.96	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	1RB#0-0RB#0	25.74	19.64	30	PASS
42-42	5MHz-20MHz	256QAM-256QAM	42873-42990	50RB#0-100RB#0	24.66	18.56	30	PASS



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