



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band CA_48C

1 Effective Radiated Power and Effective Isotropic Radiated Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	1RB#0-0RB#0	23.49	22.79	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	1RB#0-0RB#0	22.40	21.70	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	1RB#0-0RB#0	21.54	20.84	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	1RB#0-0RB#0	18.46	17.76	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	22.31	21.61	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	21.33	20.63	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	21.29	20.59	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	19.32	18.62	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	1RB#0-0RB#0	23.10	22.40	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	1RB#0-0RB#0	22.04	21.34	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	1RB#0-0RB#0	21.08	20.38	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	1RB#0-0RB#0	18.10	17.40	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	21.89	21.19	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	20.90	20.20	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	20.90	20.20	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	18.91	18.21	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	1RB#0-0RB#0	23.28	22.58	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	1RB#0-0RB#0	22.21	21.51	23	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	1RB#0-0RB#0	21.37	20.67	23	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	1RB#0-0RB#0	18.24	17.54	23	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	22.10	21.40	23	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	21.09	20.39	23	PASS



48-4 8	5MHz-20MH z	64QAM-64QAM	56523-566 40	25RB#0-100RB# 0	21.08	20.38	23	PASS
48-4 8	5MHz-20MH z	256QAM-256Q AM	56523-566 40	25RB#0-100RB# 0	19.12	18.42	23	PASS
48-4 8	20MHz-5MH z	QPSK-QPSK	55340-554 57	1RB#0-0RB#0	23.41	22.71	23	PASS
48-4 8	20MHz-5MH z	16QAM-16QAM	55340-554 57	1RB#0-0RB#0	22.42	21.72	23	PASS
48-4 8	20MHz-5MH z	64QAM-64QAM	55340-554 57	1RB#0-0RB#0	21.50	20.80	23	PASS
48-4 8	20MHz-5MH z	256QAM-256Q AM	55340-554 57	1RB#0-0RB#0	18.52	17.82	23	PASS
48-4 8	20MHz-5MH z	QPSK-QPSK	55340-554 57	100RB#0-25RB# 0	22.34	21.64	23	PASS
48-4 8	20MHz-5MH z	16QAM-16QAM	55340-554 57	100RB#0-25RB# 0	21.32	20.62	23	PASS
48-4 8	20MHz-5MH z	64QAM-64QAM	55340-554 57	100RB#0-25RB# 0	21.34	20.64	23	PASS
48-4 8	20MHz-5MH z	256QAM-256Q AM	55340-554 57	100RB#0-25RB# 0	19.38	18.68	23	PASS
48-4 8	20MHz-5MH z	QPSK-QPSK	55965-560 82	1RB#0-0RB#0	23.01	22.31	23	PASS
48-4 8	20MHz-5MH z	16QAM-16QAM	55965-560 82	1RB#0-0RB#0	21.98	21.28	23	PASS
48-4 8	20MHz-5MH z	64QAM-64QAM	55965-560 82	1RB#0-0RB#0	21.18	20.48	23	PASS
48-4 8	20MHz-5MH z	256QAM-256Q AM	55965-560 82	1RB#0-0RB#0	18.04	17.34	23	PASS
48-4 8	20MHz-5MH z	QPSK-QPSK	55965-560 82	100RB#0-25RB# 0	21.92	21.22	23	PASS
48-4 8	20MHz-5MH z	16QAM-16QAM	55965-560 82	100RB#0-25RB# 0	20.94	20.24	23	PASS
48-4 8	20MHz-5MH z	64QAM-64QAM	55965-560 82	100RB#0-25RB# 0	20.93	20.23	23	PASS
48-4 8	20MHz-5MH z	256QAM-256Q AM	55965-560 82	100RB#0-25RB# 0	18.95	18.25	23	PASS
48-4 8	20MHz-5MH z	QPSK-QPSK	56590-567 07	1RB#0-0RB#0	23.21	22.51	23	PASS
48-4 8	20MHz-5MH z	16QAM-16QAM	56590-567 07	1RB#0-0RB#0	22.09	21.39	23	PASS
48-4 8	20MHz-5MH z	64QAM-64QAM	56590-567 07	1RB#0-0RB#0	21.32	20.62	23	PASS
48-4 8	20MHz-5MH z	256QAM-256Q AM	56590-567 07	1RB#0-0RB#0	18.33	17.63	23	PASS
48-4 8	20MHz-5MH z	QPSK-QPSK	56590-567 07	100RB#0-25RB# 0	22.09	21.39	23	PASS
48-4 8	20MHz-5MH z	16QAM-16QAM	56590-567 07	100RB#0-25RB# 0	21.11	20.41	23	PASS



48-4 8	20MHz-5MHz	64QAM-64QAM	56590-567 07	100RB#0-25RB# 0	21.10	20.40	23	PASS
48-4 8	20MHz-5MHz	256QAM-256Q AM	56590-567 07	100RB#0-25RB# 0	19.14	18.44	23	PASS
48-4 8	10MHz-20M Hz	QPSK-QPSK	55295-554 39	1RB#0-0RB#0	20.78	20.08	23	PASS
48-4 8	10MHz-20M Hz	16QAM-16QAM	55295-554 39	1RB#0-0RB#0	22.40	21.70	23	PASS
48-4 8	10MHz-20M Hz	64QAM-64QAM	55295-554 39	1RB#0-0RB#0	21.62	20.92	23	PASS
48-4 8	10MHz-20M Hz	256QAM-256Q AM	55295-554 39	1RB#0-0RB#0	18.49	17.79	23	PASS
48-4 8	10MHz-20M Hz	QPSK-QPSK	55295-554 39	50RB#0-100RB# 0	22.38	21.68	23	PASS
48-4 8	10MHz-20M Hz	16QAM-16QAM	55295-554 39	50RB#0-100RB# 0	21.35	20.65	23	PASS
48-4 8	10MHz-20M Hz	64QAM-64QAM	55295-554 39	50RB#0-100RB# 0	21.38	20.68	23	PASS
48-4 8	10MHz-20M Hz	256QAM-256Q AM	55295-554 39	50RB#0-100RB# 0	19.39	18.69	23	PASS
48-4 8	10MHz-20M Hz	QPSK-QPSK	55896-560 40	1RB#0-0RB#0	23.09	22.39	23	PASS
48-4 8	10MHz-20M Hz	16QAM-16QAM	55896-560 40	1RB#0-0RB#0	22.01	21.31	23	PASS
48-4 8	10MHz-20M Hz	64QAM-64QAM	55896-560 40	1RB#0-0RB#0	21.22	20.52	23	PASS
48-4 8	10MHz-20M Hz	256QAM-256Q AM	55896-560 40	1RB#0-0RB#0	18.12	17.42	23	PASS
48-4 8	10MHz-20M Hz	QPSK-QPSK	55896-560 40	50RB#0-100RB# 0	21.94	21.24	23	PASS
48-4 8	10MHz-20M Hz	16QAM-16QAM	55896-560 40	50RB#0-100RB# 0	20.90	20.20	23	PASS
48-4 8	10MHz-20M Hz	64QAM-64QAM	55896-560 40	50RB#0-100RB# 0	20.94	20.24	23	PASS
48-4 8	10MHz-20M Hz	256QAM-256Q AM	55896-560 40	50RB#0-100RB# 0	18.96	18.26	23	PASS
48-4 8	10MHz-20M Hz	QPSK-QPSK	56496-566 40	1RB#0-0RB#0	20.61	19.91	23	PASS
48-4 8	10MHz-20M Hz	16QAM-16QAM	56496-566 40	1RB#0-0RB#0	22.26	21.56	23	PASS
48-4 8	10MHz-20M Hz	64QAM-64QAM	56496-566 40	1RB#0-0RB#0	21.33	20.63	23	PASS
48-4 8	10MHz-20M Hz	256QAM-256Q AM	56496-566 40	1RB#0-0RB#0	18.31	17.61	23	PASS
48-4 8	10MHz-20M Hz	QPSK-QPSK	56496-566 40	50RB#0-100RB# 0	22.10	21.40	23	PASS
48-4 8	10MHz-20M Hz	16QAM-16QAM	56496-566 40	50RB#0-100RB# 0	21.11	20.41	23	PASS



48-4 8	10MHz-20M Hz	64QAM-64QAM	56496-566 40	50RB#0-100RB# 0	21.09	20.39	23	PASS
48-4 8	10MHz-20M Hz	256QAM-256Q AM	56496-566 40	50RB#0-100RB# 0	19.14	18.44	23	PASS
48-4 8	20MHz-10M Hz	QPSK-QPSK	55340-554 84	1RB#0-0RB#0	23.41	22.71	23	PASS
48-4 8	20MHz-10M Hz	16QAM-16QAM	55340-554 84	1RB#0-0RB#0	22.47	21.77	23	PASS
48-4 8	20MHz-10M Hz	64QAM-64QAM	55340-554 84	1RB#0-0RB#0	21.57	20.87	23	PASS
48-4 8	20MHz-10M Hz	256QAM-256Q AM	55340-554 84	1RB#0-0RB#0	18.56	17.86	23	PASS
48-4 8	20MHz-10M Hz	QPSK-QPSK	55340-554 84	100RB#0-50RB# 0	22.36	21.66	23	PASS
48-4 8	20MHz-10M Hz	16QAM-16QAM	55340-554 84	100RB#0-50RB# 0	21.35	20.65	23	PASS
48-4 8	20MHz-10M Hz	64QAM-64QAM	55340-554 84	100RB#0-50RB# 0	21.35	20.65	23	PASS
48-4 8	20MHz-10M Hz	256QAM-256Q AM	55340-554 84	100RB#0-50RB# 0	19.36	18.66	23	PASS
48-4 8	20MHz-10M Hz	QPSK-QPSK	55941-560 85	1RB#0-0RB#0	23.04	22.34	23	PASS
48-4 8	20MHz-10M Hz	16QAM-16QAM	55941-560 85	1RB#0-0RB#0	21.99	21.29	23	PASS
48-4 8	20MHz-10M Hz	64QAM-64QAM	55941-560 85	1RB#0-0RB#0	21.09	20.39	23	PASS
48-4 8	20MHz-10M Hz	256QAM-256Q AM	55941-560 85	1RB#0-0RB#0	18.03	17.33	23	PASS
48-4 8	20MHz-10M Hz	QPSK-QPSK	55941-560 85	100RB#0-50RB# 0	21.96	21.26	23	PASS
48-4 8	20MHz-10M Hz	16QAM-16QAM	55941-560 85	100RB#0-50RB# 0	20.96	20.26	23	PASS
48-4 8	20MHz-10M Hz	64QAM-64QAM	55941-560 85	100RB#0-50RB# 0	20.96	20.26	23	PASS
48-4 8	20MHz-10M Hz	256QAM-256Q AM	55941-560 85	100RB#0-50RB# 0	18.97	18.27	23	PASS
48-4 8	20MHz-10M Hz	QPSK-QPSK	56541-566 85	1RB#0-0RB#0	23.22	22.52	23	PASS
48-4 8	20MHz-10M Hz	16QAM-16QAM	56541-566 85	1RB#0-0RB#0	22.20	21.50	23	PASS
48-4 8	20MHz-10M Hz	64QAM-64QAM	56541-566 85	1RB#0-0RB#0	21.32	20.62	23	PASS
48-4 8	20MHz-10M Hz	256QAM-256Q AM	56541-566 85	1RB#0-0RB#0	18.23	17.53	23	PASS
48-4 8	20MHz-10M Hz	QPSK-QPSK	56541-566 85	100RB#0-50RB# 0	22.07	21.37	23	PASS
48-4 8	20MHz-10M Hz	16QAM-16QAM	56541-566 85	100RB#0-50RB# 0	21.09	20.39	23	PASS



48-4 8	20MHz-10M Hz	64QAM-64QAM	56541-566 85	100RB#0-50RB# 0	21.10	20.40	23	PASS
48-4 8	20MHz-10M Hz	256QAM-256Q AM	56541-566 85	100RB#0-50RB# 0	19.12	18.42	23	PASS
48-4 8	15MHz-20M Hz	QPSK-QPSK	55318-554 89	1RB#0-0RB#0	23.42	22.72	23	PASS
48-4 8	15MHz-20M Hz	16QAM-16QAM	55318-554 89	1RB#0-0RB#0	22.42	21.72	23	PASS
48-4 8	15MHz-20M Hz	64QAM-64QAM	55318-554 89	1RB#0-0RB#0	21.47	20.77	23	PASS
48-4 8	15MHz-20M Hz	256QAM-256Q AM	55318-554 89	1RB#0-0RB#0	18.35	17.65	23	PASS
48-4 8	15MHz-20M Hz	QPSK-QPSK	55318-554 89	75RB#0-100RB# 0	22.31	21.61	23	PASS
48-4 8	15MHz-20M Hz	16QAM-16QAM	55318-554 89	75RB#0-100RB# 0	21.35	20.65	23	PASS
48-4 8	15MHz-20M Hz	64QAM-64QAM	55318-554 89	75RB#0-100RB# 0	21.30	20.60	23	PASS
48-4 8	15MHz-20M Hz	256QAM-256Q AM	55318-554 89	75RB#0-100RB# 0	19.34	18.64	23	PASS
48-4 8	15MHz-20M Hz	QPSK-QPSK	55893-560 64	1RB#0-0RB#0	23.05	22.35	23	PASS
48-4 8	15MHz-20M Hz	16QAM-16QAM	55893-560 64	1RB#0-0RB#0	22.05	21.35	23	PASS
48-4 8	15MHz-20M Hz	64QAM-64QAM	55893-560 64	1RB#0-0RB#0	21.18	20.48	23	PASS
48-4 8	15MHz-20M Hz	256QAM-256Q AM	55893-560 64	1RB#0-0RB#0	18.02	17.32	23	PASS
48-4 8	15MHz-20M Hz	QPSK-QPSK	55893-560 64	75RB#0-100RB# 0	21.90	21.20	23	PASS
48-4 8	15MHz-20M Hz	16QAM-16QAM	55893-560 64	75RB#0-100RB# 0	20.95	20.25	23	PASS
48-4 8	15MHz-20M Hz	64QAM-64QAM	55893-560 64	75RB#0-100RB# 0	20.92	20.22	23	PASS
48-4 8	15MHz-20M Hz	256QAM-256Q AM	55893-560 64	75RB#0-100RB# 0	18.94	18.24	23	PASS
48-4 8	15MHz-20M Hz	QPSK-QPSK	56469-566 40	1RB#0-0RB#0	20.55	19.85	23	PASS
48-4 8	15MHz-20M Hz	16QAM-16QAM	56469-566 40	1RB#0-0RB#0	22.18	21.48	23	PASS
48-4 8	15MHz-20M Hz	64QAM-64QAM	56469-566 40	1RB#0-0RB#0	21.32	20.62	23	PASS
48-4 8	15MHz-20M Hz	256QAM-256Q AM	56469-566 40	1RB#0-0RB#0	18.33	17.63	23	PASS
48-4 8	15MHz-20M Hz	QPSK-QPSK	56469-566 40	75RB#0-100RB# 0	22.11	21.41	23	PASS
48-4 8	15MHz-20M Hz	16QAM-16QAM	56469-566 40	75RB#0-100RB# 0	21.11	20.41	23	PASS



48-4 8	15MHz-20M Hz	64QAM-64QAM	56469-566 40	75RB#0-100RB# 0	21.16	20.46	23	PASS
48-4 8	15MHz-20M Hz	256QAM-256Q AM	56469-566 40	75RB#0-100RB# 0	19.12	18.42	23	PASS
48-4 8	20MHz-15M Hz	QPSK-QPSK	55340-555 11	1RB#0-0RB#0	23.41	22.71	23	PASS
48-4 8	20MHz-15M Hz	16QAM-16QAM	55340-555 11	1RB#0-0RB#0	22.39	21.69	23	PASS
48-4 8	20MHz-15M Hz	64QAM-64QAM	55340-555 11	1RB#0-0RB#0	21.52	20.82	23	PASS
48-4 8	20MHz-15M Hz	256QAM-256Q AM	55340-555 11	1RB#0-0RB#0	18.44	17.74	23	PASS
48-4 8	20MHz-15M Hz	QPSK-QPSK	55340-555 11	100RB#0-75RB# 0	22.30	21.60	23	PASS
48-4 8	20MHz-15M Hz	16QAM-16QAM	55340-555 11	100RB#0-75RB# 0	21.33	20.63	23	PASS
48-4 8	20MHz-15M Hz	64QAM-64QAM	55340-555 11	100RB#0-75RB# 0	21.30	20.60	23	PASS
48-4 8	20MHz-15M Hz	256QAM-256Q AM	55340-555 11	100RB#0-75RB# 0	19.35	18.65	23	PASS
48-4 8	20MHz-15M Hz	QPSK-QPSK	55916-560 87	1RB#0-0RB#0	23.03	22.33	23	PASS
48-4 8	20MHz-15M Hz	16QAM-16QAM	55916-560 87	1RB#0-0RB#0	22.04	21.34	23	PASS
48-4 8	20MHz-15M Hz	64QAM-64QAM	55916-560 87	1RB#0-0RB#0	21.20	20.50	23	PASS
48-4 8	20MHz-15M Hz	256QAM-256Q AM	55916-560 87	1RB#0-0RB#0	17.95	17.25	23	PASS
48-4 8	20MHz-15M Hz	QPSK-QPSK	55916-560 87	100RB#0-75RB# 0	21.94	21.24	23	PASS
48-4 8	20MHz-15M Hz	16QAM-16QAM	55916-560 87	100RB#0-75RB# 0	20.93	20.23	23	PASS
48-4 8	20MHz-15M Hz	64QAM-64QAM	55916-560 87	100RB#0-75RB# 0	20.93	20.23	23	PASS
48-4 8	20MHz-15M Hz	256QAM-256Q AM	55916-560 87	100RB#0-75RB# 0	18.95	18.25	23	PASS
48-4 8	20MHz-15M Hz	QPSK-QPSK	56491-566 62	1RB#0-0RB#0	23.21	22.51	23	PASS
48-4 8	20MHz-15M Hz	16QAM-16QAM	56491-566 62	1RB#0-0RB#0	22.24	21.54	23	PASS
48-4 8	20MHz-15M Hz	64QAM-64QAM	56491-566 62	1RB#0-0RB#0	21.37	20.67	23	PASS
48-4 8	20MHz-15M Hz	256QAM-256Q AM	56491-566 62	1RB#0-0RB#0	18.28	17.58	23	PASS
48-4 8	20MHz-15M Hz	QPSK-QPSK	56491-566 62	100RB#0-75RB# 0	22.10	21.40	23	PASS
48-4 8	20MHz-15M Hz	16QAM-16QAM	56491-566 62	100RB#0-75RB# 0	21.10	20.40	23	PASS
48-4 8	20MHz-15M Hz	64QAM-64QAM	56491-566 62	100RB#0-75RB# 0	21.09	20.39	23	PASS



48-4 8	20MHz-15M Hz	256QAM-256Q AM	56491-566 62	100RB#0-75RB# 0	19.11	18.41	23	PASS
48-4 8	20MHz-20M Hz	QPSK-QPSK	55340-555 38	1RB#0-0RB#0	23.38	22.68	23	PASS
48-4 8	20MHz-20M Hz	16QAM-16QAM	55340-555 38	1RB#0-0RB#0	22.44	21.74	23	PASS
48-4 8	20MHz-20M Hz	64QAM-64QAM	55340-555 38	1RB#0-0RB#0	21.62	20.92	23	PASS
48-4 8	20MHz-20M Hz	256QAM-256Q AM	55340-555 38	1RB#0-0RB#0	18.39	17.69	23	PASS
48-4 8	20MHz-20M Hz	QPSK-QPSK	55340-555 38	100RB#0-100RB #0	22.31	21.61	23	PASS
48-4 8	20MHz-20M Hz	16QAM-16QAM	55340-555 38	100RB#0-100RB #0	21.31	20.61	23	PASS
48-4 8	20MHz-20M Hz	64QAM-64QAM	55340-555 38	100RB#0-100RB #0	21.33	20.63	23	PASS
48-4 8	20MHz-20M Hz	256QAM-256Q AM	55340-555 38	100RB#0-100RB #0	19.31	18.61	23	PASS
48-4 8	20MHz-20M Hz	QPSK-QPSK	55891-560 89	1RB#0-0RB#0	23.10	22.40	23	PASS
48-4 8	20MHz-20M Hz	16QAM-16QAM	55891-560 89	1RB#0-0RB#0	22.06	21.36	23	PASS
48-4 8	20MHz-20M Hz	64QAM-64QAM	55891-560 89	1RB#0-0RB#0	21.18	20.48	23	PASS
48-4 8	20MHz-20M Hz	256QAM-256Q AM	55891-560 89	1RB#0-0RB#0	18.07	17.37	23	PASS
48-4 8	20MHz-20M Hz	QPSK-QPSK	55891-560 89	100RB#0-100RB #0	21.95	21.25	23	PASS
48-4 8	20MHz-20M Hz	16QAM-16QAM	55891-560 89	100RB#0-100RB #0	20.95	20.25	23	PASS
48-4 8	20MHz-20M Hz	64QAM-64QAM	55891-560 89	100RB#0-100RB #0	20.92	20.22	23	PASS
48-4 8	20MHz-20M Hz	256QAM-256Q AM	55891-560 89	100RB#0-100RB #0	18.97	18.27	23	PASS
48-4 8	20MHz-20M Hz	QPSK-QPSK	56442-566 40	1RB#0-0RB#0	23.25	22.55	23	PASS
48-4 8	20MHz-20M Hz	16QAM-16QAM	56442-566 40	1RB#0-0RB#0	22.21	21.51	23	PASS
48-4 8	20MHz-20M Hz	64QAM-64QAM	56442-566 40	1RB#0-0RB#0	21.33	20.63	23	PASS
48-4 8	20MHz-20M Hz	256QAM-256Q AM	56442-566 40	1RB#0-0RB#0	18.09	17.39	23	PASS
48-4 8	20MHz-20M Hz	QPSK-QPSK	56442-566 40	100RB#0-100RB #0	22.13	21.43	23	PASS
48-4 8	20MHz-20M Hz	16QAM-16QAM	56442-566 40	100RB#0-100RB #0	21.13	20.43	23	PASS
48-4 8	20MHz-20M Hz	64QAM-64QAM	56442-566 40	100RB#0-100RB #0	21.14	20.44	23	PASS
48-4 8	20MHz-20M Hz	256QAM-256Q AM	56442-566 40	100RB#0-100RB #0	19.12	18.42	23	PASS