APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 42

1 Effective Radiated Power and Effective Isotropic Radiated Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	5MHz	QPSK	42115	1RB#0	25.78	27.79	30	PASS
Band42	5MHz	16QAM	42115	1RB#0	24.94	26.95	30	PASS
Band42	5MHz	64QAM	42115	1RB#0	24.13	26.14	30	PASS
Band42	5MHz	256QAM	42115	1RB#0	20.87	22.88	30	PASS
Band42	5MHz	QPSK	42115	1RB#12	25.92	27.93	30	PASS
Band42	5MHz	16QAM	42115	1RB#12	24.98	26.99	30	PASS
Band42	5MHz	64QAM	42115	1RB#12	24.27	26.28	30	PASS
Band42	5MHz	256QAM	42115	1RB#12	21.03	23.04	30	PASS
Band42	5MHz	QPSK	42115	1RB#24	25.82	27.83	30	PASS
Band42	5MHz	16QAM	42115	1RB#24	25.02	27.03	30	PASS
Band42	5MHz	64QAM	42115	1RB#24	24.21	26.22	30	PASS
Band42	5MHz	256QAM	42115	1RB#24	21.12	23.13	30	PASS
Band42	5MHz	QPSK	42115	25RB#0	24.88	26.89	30	PASS
Band42	5MHz	16QAM	42115	25RB#0	23.91	25.92	30	PASS
Band42	5MHz	64QAM	42115	25RB#0	22.96	24.97	30	PASS
Band42	5MHz	256QAM	42115	25RB#0	20.94	22.95	30	PASS
Band42	5MHz	QPSK	42590	1RB#0	25.49	27.50	30	PASS
Band42	5MHz	16QAM	42590	1RB#0	24.59	26.60	30	PASS
Band42	5MHz	64QAM	42590	1RB#0	23.93	25.94	30	PASS
Band42	5MHz	256QAM	42590	1RB#0	20.64	22.65	30	PASS
Band42	5MHz	QPSK	42590	1RB#12	25.58	27.59	30	PASS
Band42	5MHz	16QAM	42590	1RB#12	24.64	26.65	30	PASS
Band42	5MHz	64QAM	42590	1RB#12	23.80	25.81	30	PASS
Band42	5MHz	256QAM	42590	1RB#12	20.70	22.71	30	PASS
Band42	5MHz	QPSK	42590	1RB#24	25.50	27.51	30	PASS
Band42	5MHz	16QAM	42590	1RB#24	24.63	26.64	30	PASS
Band42	5MHz	64QAM	42590	1RB#24	23.86	25.87	30	PASS
Band42	5MHz	256QAM	42590	1RB#24	20.63	22.64	30	PASS
Band42	5MHz	QPSK	42590	25RB#0	24.51	26.52	30	PASS
Band42	5MHz	16QAM	42590	25RB#0	23.53	25.54	30	PASS
Band42	5MHz	64QAM	42590	25RB#0	22.54	24.55	30	PASS
Band42	5MHz	256QAM	42590	25RB#0	20.51	22.52	30	PASS
Band42	5MHz	QPSK	43065	1RB#0	25.71	27.72	30	PASS
Band42	5MHz	16QAM	43065	1RB#0	24.82	26.83	30	PASS
Band42	5MHz	64QAM	43065	1RB#0	24.00	26.01	30	PASS
Band42	5MHz	256QAM	43065	1RB#0	20.88	22.89	30	PASS
Band42	5MHz	QPSK	43065	1RB#12	25.78	27.79	30	PASS

Band42	5MHz	16QAM	43065	1RB#12	24.95	26.96	30	PASS
Band42	5MHz	64QAM	43065	1RB#12	24.09	26.10	30	PASS
Band42	5MHz	256QAM	43065	1RB#12	20.92	22.93	30	PASS
Band42	5MHz	QPSK	43065	1RB#24	25.71	27.72	30	PASS
Band42	5MHz	16QAM	43065	1RB#24	24.82	26.83	30	PASS
Band42	5MHz	64QAM	43065	1RB#24	24.03	26.04	30	PASS
Band42	5MHz	256QAM	43065	1RB#24	20.89	22.90	30	PASS
Band42	5MHz	QPSK	43065	25RB#0	24.74	26.75	30	PASS
Band42	5MHz	16QAM	43065	25RB#0	23.77	25.78	30	PASS
Band42	5MHz	64QAM	43065	25RB#0	22.79	24.80	30	PASS
Band42	5MHz	256QAM	43065	25RB#0	20.79	22.80	30	PASS
Band42	10MHz	QPSK	42140	1RB#0	25.74	27.75	30	PASS
Band42	10MHz	16QAM	42140	1RB#0	24.91	26.92	30	PASS
Band42	10MHz	64QAM	42140	1RB#0	24.18	26.19	30	PASS
Band42	10MHz	256QAM	42140	1RB#0	20.87	22.88	30	PASS
Band42	10MHz	QPSK	42140	1RB#24	25.85	27.86	30	PASS
Band42	10MHz	16QAM	42140	1RB#24	24.97	26.98	30	PASS
Band42	10MHz	64QAM	42140	1RB#24	24.36	26.37	30	PASS
Band42	10MHz	256QAM	42140	1RB#24	21.11	23.12	30	PASS
Band42	10MHz	QPSK	42140	1RB#49	25.84	27.85	30	PASS
Band42	10MHz	16QAM	42140	1RB#49	24.97	26.98	30	PASS
Band42	10MHz	64QAM	42140	1RB#49	24.27	26.28	30	PASS
Band42	10MHz	256QAM	42140	1RB#49	21.08	23.09	30	PASS
Band42	10MHz	QPSK	42140	50RB#0	24.94	26.95	30	PASS
Band42	10MHz	16QAM	42140	50RB#0	23.94	25.95	30	PASS
Band42	10MHz	64QAM	42140	50RB#0	22.98	24.99	30	PASS
Band42	10MHz	256QAM	42140	50RB#0	20.97	22.98	30	PASS
Band42	10MHz	QPSK	42590	1RB#0	25.49	27.50	30	PASS
Band42	10MHz	16QAM	42590	1RB#0	24.61	26.62	30	PASS
Band42	10MHz	64QAM	42590	1RB#0	23.93	25.94	30	PASS
Band42	10MHz	256QAM	42590	1RB#0	20.56	22.57	30	PASS
Band42	10MHz	QPSK	42590	1RB#24	25.51	27.52	30	PASS
Band42	10MHz	16QAM	42590	1RB#24	24.69	26.70	30	PASS
Band42	10MHz	64QAM	42590	1RB#24	23.98	25.99	30	PASS
Band42	10MHz	256QAM	42590	1RB#24	20.81	22.82	30	PASS
Band42	10MHz	QPSK	42590	1RB#49	25.27	27.28	30	PASS
Band42	10MHz	16QAM	42590	1RB#49	24.54	26.55	30	PASS
Band42	10MHz	64QAM	42590	1RB#49	23.77	25.78	30	PASS
Band42	10MHz	256QAM	42590	1RB#49	20.77	22.78	30	PASS
Band42	10MHz	QPSK	42590	50RB#0	24.52	26.53	30	PASS
Band42	10MHz	16QAM	42590	50RB#0	23.53	25.54	30	PASS
Band42	10MHz	64QAM	42590	50RB#0	22.54	24.55	30	PASS

Band42	10MHz	256QAM	42590	50RB#0	20.60	22.61	30	PASS
Band42	10MHz	QPSK	43040	1RB#0	25.62	27.63	30	PASS
Band42	10MHz	16QAM	43040	1RB#0	24.69	26.70	30	PASS
Band42	10MHz	64QAM	43040	1RB#0	24.01	26.02	30	PASS
Band42	10MHz	256QAM	43040	1RB#0	20.74	22.75	30	PASS
Band42	10MHz	QPSK	43040	1RB#24	25.75	27.76	30	PASS
Band42	10MHz	16QAM	43040	1RB#24	24.84	26.85	30	PASS
Band42	10MHz	64QAM	43040	1RB#24	24.11	26.12	30	PASS
Band42	10MHz	256QAM	43040	1RB#24	20.93	22.94	30	PASS
Band42	10MHz	QPSK	43040	1RB#49	25.71	27.72	30	PASS
Band42	10MHz	16QAM	43040	1RB#49	24.85	26.86	30	PASS
Band42	10MHz	64QAM	43040	1RB#49	24.03	26.04	30	PASS
Band42	10MHz	256QAM	43040	1RB#49	20.90	22.91	30	PASS
Band42	10MHz	QPSK	43040	50RB#0	24.68	26.69	30	PASS
Band42	10MHz	16QAM	43040	50RB#0	23.67	25.68	30	PASS
Band42	10MHz	64QAM	43040	50RB#0	22.73	24.74	30	PASS
Band42	10MHz	256QAM	43040	50RB#0	20.74	22.75	30	PASS
Band42	15MHz	QPSK	42165	1RB#0	25.52	27.53	30	PASS
Band42	15MHz	16QAM	42165	1RB#0	24.72	26.73	30	PASS
Band42	15MHz	64QAM	42165	1RB#0	23.97	25.98	30	PASS
Band42	15MHz	256QAM	42165	1RB#0	20.82	22.83	30	PASS
Band42	15MHz	QPSK	42165	1RB#38	25.71	27.72	30	PASS
Band42	15MHz	16QAM	42165	1RB#38	24.75	26.76	30	PASS
Band42	15MHz	64QAM	42165	1RB#38	24.07	26.08	30	PASS
Band42	15MHz	256QAM	42165	1RB#38	21.00	23.01	30	PASS
Band42	15MHz	QPSK	42165	1RB#74	25.73	27.74	30	PASS
Band42	15MHz	16QAM	42165	1RB#74	24.76	26.77	30	PASS
Band42	15MHz	64QAM	42165	1RB#74	24.06	26.07	30	PASS
Band42	15MHz	256QAM	42165	1RB#74	21.08	23.09	30	PASS
Band42	15MHz	QPSK	42165	75RB#0	24.82	26.83	30	PASS
Band42	15MHz	16QAM	42165	75RB#0	23.79	25.80	30	PASS
Band42	15MHz	64QAM	42165	75RB#0	22.84	24.85	30	PASS
Band42	15MHz	256QAM	42165	75RB#0	20.82	22.83	30	PASS
Band42	15MHz	QPSK	42590	1RB#0	25.28	27.29	30	PASS
Band42	15MHz	16QAM	42590	1RB#0	24.40	26.41	30	PASS
Band42	15MHz	64QAM	42590	1RB#0	23.80	25.81	30	PASS
Band42	15MHz	256QAM	42590	1RB#0	20.47	22.48	30	PASS
Band42	15MHz	QPSK	42590	1RB#38	25.31	27.32	30	PASS
Band42	15MHz	16QAM	42590	1RB#38	24.49	26.50	30	PASS
Band42	15MHz	64QAM	42590	1RB#38	23.74	25.75	30	PASS
Band42	15MHz	256QAM	42590	1RB#38	20.54	22.55	30	PASS
Band42	15MHz	QPSK	42590	1RB#74	25.32	27.33	30	PASS

Band42	15MHz	16QAM	42590	1RB#74	24.45	26.46	30	PASS
Band42	15MHz	64QAM	42590	1RB#74	23.70	25.71	30	PASS
Band42	15MHz	256QAM	42590	1RB#74	20.78	22.79	30	PASS
Band42	15MHz	QPSK	42590	75RB#0	24.41	26.42	30	PASS
Band42	15MHz	16QAM	42590	75RB#0	23.41	25.42	30	PASS
Band42	15MHz	64QAM	42590	75RB#0	22.44	24.45	30	PASS
Band42	15MHz	256QAM	42590	75RB#0	20.40	22.41	30	PASS
Band42	15MHz	QPSK	43015	1RB#0	25.47	27.48	30	PASS
Band42	15MHz	16QAM	43015	1RB#0	24.51	26.52	30	PASS
Band42	15MHz	64QAM	43015	1RB#0	23.80	25.81	30	PASS
Band42	15MHz	256QAM	43015	1RB#0	20.57	22.58	30	PASS
Band42	15MHz	QPSK	43015	1RB#38	25.54	27.55	30	PASS
Band42	15MHz	16QAM	43015	1RB#38	24.60	26.61	30	PASS
Band42	15MHz	64QAM	43015	1RB#38	23.87	25.88	30	PASS
Band42	15MHz	256QAM	43015	1RB#38	20.80	22.81	30	PASS
Band42	15MHz	QPSK	43015	1RB#74	25.55	27.56	30	PASS
Band42	15MHz	16QAM	43015	1RB#74	24.66	26.67	30	PASS
Band42	15MHz	64QAM	43015	1RB#74	23.95	25.96	30	PASS
Band42	15MHz	256QAM	43015	1RB#74	20.62	22.63	30	PASS
Band42	15MHz	QPSK	43015	75RB#0	24.62	26.63	30	PASS
Band42	15MHz	16QAM	43015	75RB#0	23.64	25.65	30	PASS
Band42	15MHz	64QAM	43015	75RB#0	22.63	24.64	30	PASS
Band42	15MHz	256QAM	43015	75RB#0	20.69	22.70	30	PASS
Band42	20MHz	QPSK	42190	1RB#0	25.52	27.53	30	PASS
Band42	20MHz	16QAM	42190	1RB#0	24.65	26.66	30	PASS
Band42	20MHz	64QAM	42190	1RB#0	23.87	25.88	30	PASS
Band42	20MHz	256QAM	42190	1RB#0	20.87	22.88	30	PASS
Band42	20MHz	QPSK	42190	1RB#49	25.70	27.71	30	PASS
Band42	20MHz	16QAM	42190	1RB#49	24.95	26.96	30	PASS
Band42	20MHz	64QAM	42190	1RB#49	24.10	26.11	30	PASS
Band42	20MHz	256QAM	42190	1RB#49	21.01	23.02	30	PASS
Band42	20MHz	QPSK	42190	1RB#99	25.69	27.70	30	PASS
Band42	20MHz	16QAM	42190	1RB#99	24.83	26.84	30	PASS
Band42	20MHz	64QAM	42190	1RB#99	23.99	26.00	30	PASS
Band42	20MHz	256QAM	42190	1RB#99	20.99	23.00	30	PASS
Band42	20MHz	QPSK	42190	100RB#0	24.79	26.80	30	PASS
Band42	20MHz	16QAM	42190	100RB#0	23.84	25.85	30	PASS
Band42	20MHz	64QAM	42190	100RB#0	22.84	24.85	30	PASS
Band42	20MHz	256QAM	42190	100RB#0	20.82	22.83	30	PASS
Band42	20MHz	QPSK	42590	1RB#0	25.36	27.37	30	PASS
Band42	20MHz	16QAM	42590	1RB#0	24.39	26.40	30	PASS
Band42	20MHz	64QAM	42590	1RB#0	23.62	25.63	30	PASS

Band42	20MHz	256QAM	42590	1RB#0	20.48	22.49	30	PASS
Band42	20MHz	QPSK	42590	1RB#49	25.40	27.41	30	PASS
Band42	20MHz	16QAM	42590	1RB#49	24.62	26.63	30	PASS
Band42	20MHz	64QAM	42590	1RB#49	23.77	25.78	30	PASS
Band42	20MHz	256QAM	42590	1RB#49	20.65	22.66	30	PASS
Band42	20MHz	QPSK	42590	1RB#99	25.33	27.34	30	PASS
Band42	20MHz	16QAM	42590	1RB#99	24.52	26.53	30	PASS
Band42	20MHz	64QAM	42590	1RB#99	23.78	25.79	30	PASS
Band42	20MHz	256QAM	42590	1RB#99	20.54	22.55	30	PASS
Band42	20MHz	QPSK	42590	100RB#0	24.43	26.44	30	PASS
Band42	20MHz	16QAM	42590	100RB#0	23.43	25.44	30	PASS
Band42	20MHz	64QAM	42590	100RB#0	22.43	24.44	30	PASS
Band42	20MHz	256QAM	42590	100RB#0	20.42	22.43	30	PASS
Band42	20MHz	QPSK	42990	1RB#0	25.47	27.48	30	PASS
Band42	20MHz	16QAM	42990	1RB#0	24.53	26.54	30	PASS
Band42	20MHz	64QAM	42990	1RB#0	23.75	25.76	30	PASS
Band42	20MHz	256QAM	42990	1RB#0	20.71	22.72	30	PASS
Band42	20MHz	QPSK	42990	1RB#49	25.58	27.59	30	PASS
Band42	20MHz	16QAM	42990	1RB#49	24.76	26.77	30	PASS
Band42	20MHz	64QAM	42990	1RB#49	24.09	26.10	30	PASS
Band42	20MHz	256QAM	42990	1RB#49	20.81	22.82	30	PASS
Band42	20MHz	QPSK	42990	1RB#99	25.48	27.49	30	PASS
Band42	20MHz	16QAM	42990	1RB#99	24.64	26.65	30	PASS
Band42	20MHz	64QAM	42990	1RB#99	23.90	25.91	30	PASS
Band42	20MHz	256QAM	42990	1RB#99	20.77	22.78	30	PASS
Band42	20MHz	QPSK	42990	100RB#0	24.59	26.60	30	PASS
Band42	20MHz	16QAM	42990	100RB#0	23.65	25.66	30	PASS
Band42	20MHz	64QAM	42990	100RB#0	22.65	24.66	30	PASS
Band42	20MHz	256QAM	42990	100RB#0	20.65	22.66	30	PASS