

**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	25.08	30	PASS
Band42	5MHz	16QAM	42115	1RB#0	24.94	24.24	30	PASS
Band42	5MHz	64QAM	42115	1RB#0	24.13	23.43	30	PASS
Band42	5MHz	256QAM	42115	1RB#0	20.87	20.17	30	PASS
Band42	5MHz	QPSK	42115	1RB#12	25.92	25.22	30	PASS
Band42	5MHz	16QAM	42115	1RB#12	24.98	24.28	30	PASS
Band42	5MHz	64QAM	42115	1RB#12	24.27	23.57	30	PASS
Band42	5MHz	256QAM	42115	1RB#12	21.03	20.33	30	PASS
Band42	5MHz	QPSK	42115	1RB#24	25.82	25.12	30	PASS
Band42	5MHz	16QAM	42115	1RB#24	25.02	24.32	30	PASS
Band42	5MHz	64QAM	42115	1RB#24	24.21	23.51	30	PASS
Band42	5MHz	256QAM	42115	1RB#24	21.12	20.42	30	PASS
Band42	5MHz	QPSK	42115	25RB#0	24.88	24.18	30	PASS
Band42	5MHz	16QAM	42115	25RB#0	23.91	23.21	30	PASS
Band42	5MHz	64QAM	42115	25RB#0	22.96	22.26	30	PASS
Band42	5MHz	256QAM	42115	25RB#0	20.94	20.24	30	PASS
Band42	5MHz	QPSK	42590	1RB#0	25.49	24.79	30	PASS
Band42	5MHz	16QAM	42590	1RB#0	24.59	23.89	30	PASS
Band42	5MHz	64QAM	42590	1RB#0	23.93	23.23	30	PASS
Band42	5MHz	256QAM	42590	1RB#0	20.64	19.94	30	PASS
Band42	5MHz	QPSK	42590	1RB#12	25.58	24.88	30	PASS
Band42	5MHz	16QAM	42590	1RB#12	24.64	23.94	30	PASS
Band42	5MHz	64QAM	42590	1RB#12	23.8	23.10	30	PASS
Band42	5MHz	256QAM	42590	1RB#12	20.7	20.00	30	PASS
Band42	5MHz	QPSK	42590	1RB#24	25.5	24.80	30	PASS
Band42	5MHz	16QAM	42590	1RB#24	24.63	23.93	30	PASS
Band42	5MHz	64QAM	42590	1RB#24	23.86	23.16	30	PASS
Band42	5MHz	256QAM	42590	1RB#24	20.63	19.93	30	PASS
Band42	5MHz	QPSK	42590	25RB#0	24.51	23.81	30	PASS
Band42	5MHz	16QAM	42590	25RB#0	23.53	22.83	30	PASS
Band42	5MHz	64QAM	42590	25RB#0	22.54	21.84	30	PASS
Band42	5MHz	256QAM	42590	25RB#0	20.51	19.81	30	PASS
Band42	5MHz	QPSK	43065	1RB#0	25.71	25.01	30	PASS
Band42	5MHz	16QAM	43065	1RB#0	24.82	24.12	30	PASS
Band42	5MHz	64QAM	43065	1RB#0	24	23.30	30	PASS
Band42	5MHz	256QAM	43065	1RB#0	20.88	20.18	30	PASS
Band42	5MHz	QPSK	43065	1RB#12	25.78	25.08	30	PASS



Band42	5MHz	16QAM	43065	1RB#12	24.95	24.25	30	PASS
Band42	5MHz	64QAM	43065	1RB#12	24.09	23.39	30	PASS
Band42	5MHz	256QAM	43065	1RB#12	20.92	20.22	30	PASS
Band42	5MHz	QPSK	43065	1RB#24	25.71	25.01	30	PASS
Band42	5MHz	16QAM	43065	1RB#24	24.82	24.12	30	PASS
Band42	5MHz	64QAM	43065	1RB#24	24.03	23.33	30	PASS
Band42	5MHz	256QAM	43065	1RB#24	20.89	20.19	30	PASS
Band42	5MHz	QPSK	43065	25RB#0	24.74	24.04	30	PASS
Band42	5MHz	16QAM	43065	25RB#0	23.77	23.07	30	PASS
Band42	5MHz	64QAM	43065	25RB#0	22.79	22.09	30	PASS
Band42	5MHz	256QAM	43065	25RB#0	20.79	20.09	30	PASS
Band42	10MHz	QPSK	42140	1RB#0	25.74	25.04	30	PASS
Band42	10MHz	16QAM	42140	1RB#0	24.91	24.21	30	PASS
Band42	10MHz	64QAM	42140	1RB#0	24.18	23.48	30	PASS
Band42	10MHz	256QAM	42140	1RB#0	20.87	20.17	30	PASS
Band42	10MHz	QPSK	42140	1RB#24	25.85	25.15	30	PASS
Band42	10MHz	16QAM	42140	1RB#24	24.97	24.27	30	PASS
Band42	10MHz	64QAM	42140	1RB#24	24.36	23.66	30	PASS
Band42	10MHz	256QAM	42140	1RB#24	21.11	20.41	30	PASS
Band42	10MHz	QPSK	42140	1RB#49	25.84	25.14	30	PASS
Band42	10MHz	16QAM	42140	1RB#49	24.97	24.27	30	PASS
Band42	10MHz	64QAM	42140	1RB#49	24.27	23.57	30	PASS
Band42	10MHz	256QAM	42140	1RB#49	21.08	20.38	30	PASS
Band42	10MHz	QPSK	42140	50RB#0	24.94	24.24	30	PASS
Band42	10MHz	16QAM	42140	50RB#0	23.94	23.24	30	PASS
Band42	10MHz	64QAM	42140	50RB#0	22.98	22.28	30	PASS
Band42	10MHz	256QAM	42140	50RB#0	20.97	20.27	30	PASS
Band42	10MHz	QPSK	42590	1RB#0	25.49	24.79	30	PASS
Band42	10MHz	16QAM	42590	1RB#0	24.61	23.91	30	PASS
Band42	10MHz	64QAM	42590	1RB#0	23.93	23.23	30	PASS
Band42	10MHz	256QAM	42590	1RB#0	20.56	19.86	30	PASS
Band42	10MHz	QPSK	42590	1RB#24	25.51	24.81	30	PASS
Band42	10MHz	16QAM	42590	1RB#24	24.69	23.99	30	PASS
Band42	10MHz	64QAM	42590	1RB#24	23.98	23.28	30	PASS
Band42	10MHz	256QAM	42590	1RB#24	20.81	20.11	30	PASS
Band42	10MHz	QPSK	42590	1RB#49	25.27	24.57	30	PASS
Band42	10MHz	16QAM	42590	1RB#49	24.54	23.84	30	PASS
Band42	10MHz	64QAM	42590	1RB#49	23.77	23.07	30	PASS
Band42	10MHz	256QAM	42590	1RB#49	20.77	20.07	30	PASS
Band42	10MHz	QPSK	42590	50RB#0	24.52	23.82	30	PASS
Band42	10MHz	16QAM	42590	50RB#0	23.53	22.83	30	PASS
Band42	10MHz	64QAM	42590	50RB#0	22.54	21.84	30	PASS



Band42	10MHz	256QAM	42590	50RB#0	20.6	19.90	30	PASS
Band42	10MHz	QPSK	43040	1RB#0	25.62	24.92	30	PASS
Band42	10MHz	16QAM	43040	1RB#0	24.69	23.99	30	PASS
Band42	10MHz	64QAM	43040	1RB#0	24.01	23.31	30	PASS
Band42	10MHz	256QAM	43040	1RB#0	20.74	20.04	30	PASS
Band42	10MHz	QPSK	43040	1RB#24	25.75	25.05	30	PASS
Band42	10MHz	16QAM	43040	1RB#24	24.84	24.14	30	PASS
Band42	10MHz	64QAM	43040	1RB#24	24.11	23.41	30	PASS
Band42	10MHz	256QAM	43040	1RB#24	20.93	20.23	30	PASS
Band42	10MHz	QPSK	43040	1RB#49	25.71	25.01	30	PASS
Band42	10MHz	16QAM	43040	1RB#49	24.85	24.15	30	PASS
Band42	10MHz	64QAM	43040	1RB#49	24.03	23.33	30	PASS
Band42	10MHz	256QAM	43040	1RB#49	20.9	20.20	30	PASS
Band42	10MHz	QPSK	43040	50RB#0	24.68	23.98	30	PASS
Band42	10MHz	16QAM	43040	50RB#0	23.67	22.97	30	PASS
Band42	10MHz	64QAM	43040	50RB#0	22.73	22.03	30	PASS
Band42	10MHz	256QAM	43040	50RB#0	20.74	20.04	30	PASS
Band42	15MHz	QPSK	42165	1RB#0	25.52	24.82	30	PASS
Band42	15MHz	16QAM	42165	1RB#0	24.72	24.02	30	PASS
Band42	15MHz	64QAM	42165	1RB#0	23.97	23.27	30	PASS
Band42	15MHz	256QAM	42165	1RB#0	20.82	20.12	30	PASS
Band42	15MHz	QPSK	42165	1RB#38	25.71	25.01	30	PASS
Band42	15MHz	16QAM	42165	1RB#38	24.75	24.05	30	PASS
Band42	15MHz	64QAM	42165	1RB#38	24.07	23.37	30	PASS
Band42	15MHz	256QAM	42165	1RB#38	21	20.30	30	PASS
Band42	15MHz	QPSK	42165	1RB#74	25.73	25.03	30	PASS
Band42	15MHz	16QAM	42165	1RB#74	24.76	24.06	30	PASS
Band42	15MHz	64QAM	42165	1RB#74	24.06	23.36	30	PASS
Band42	15MHz	256QAM	42165	1RB#74	21.08	20.38	30	PASS
Band42	15MHz	QPSK	42165	75RB#0	24.82	24.12	30	PASS
Band42	15MHz	16QAM	42165	75RB#0	23.79	23.09	30	PASS
Band42	15MHz	64QAM	42165	75RB#0	22.84	22.14	30	PASS
Band42	15MHz	256QAM	42165	75RB#0	20.82	20.12	30	PASS
Band42	15MHz	QPSK	42590	1RB#0	25.28	24.58	30	PASS
Band42	15MHz	16QAM	42590	1RB#0	24.4	23.70	30	PASS
Band42	15MHz	64QAM	42590	1RB#0	23.8	23.10	30	PASS
Band42	15MHz	256QAM	42590	1RB#0	20.47	19.77	30	PASS
Band42	15MHz	QPSK	42590	1RB#38	25.31	24.61	30	PASS
Band42	15MHz	16QAM	42590	1RB#38	24.49	23.79	30	PASS
Band42	15MHz	64QAM	42590	1RB#38	23.74	23.04	30	PASS
Band42	15MHz	256QAM	42590	1RB#38	20.54	19.84	30	PASS
Band42	15MHz	QPSK	42590	1RB#74	25.32	24.62	30	PASS



Band42	15MHz	16QAM	42590	1RB#74	24.45	23.75	30	PASS
Band42	15MHz	64QAM	42590	1RB#74	23.7	23.00	30	PASS
Band42	15MHz	256QAM	42590	1RB#74	20.78	20.08	30	PASS
Band42	15MHz	QPSK	42590	75RB#0	24.41	23.71	30	PASS
Band42	15MHz	16QAM	42590	75RB#0	23.41	22.71	30	PASS
Band42	15MHz	64QAM	42590	75RB#0	22.44	21.74	30	PASS
Band42	15MHz	256QAM	42590	75RB#0	20.4	19.70	30	PASS
Band42	15MHz	QPSK	43015	1RB#0	25.47	24.77	30	PASS
Band42	15MHz	16QAM	43015	1RB#0	24.51	23.81	30	PASS
Band42	15MHz	64QAM	43015	1RB#0	23.8	23.10	30	PASS
Band42	15MHz	256QAM	43015	1RB#0	20.57	19.87	30	PASS
Band42	15MHz	QPSK	43015	1RB#38	25.54	24.84	30	PASS
Band42	15MHz	16QAM	43015	1RB#38	24.6	23.90	30	PASS
Band42	15MHz	64QAM	43015	1RB#38	23.87	23.17	30	PASS
Band42	15MHz	256QAM	43015	1RB#38	20.8	20.10	30	PASS
Band42	15MHz	QPSK	43015	1RB#74	25.55	24.85	30	PASS
Band42	15MHz	16QAM	43015	1RB#74	24.66	23.96	30	PASS
Band42	15MHz	64QAM	43015	1RB#74	23.95	23.25	30	PASS
Band42	15MHz	256QAM	43015	1RB#74	20.62	19.92	30	PASS
Band42	15MHz	QPSK	43015	75RB#0	24.62	23.92	30	PASS
Band42	15MHz	16QAM	43015	75RB#0	23.64	22.94	30	PASS
Band42	15MHz	64QAM	43015	75RB#0	22.63	21.93	30	PASS
Band42	15MHz	256QAM	43015	75RB#0	20.69	19.99	30	PASS
Band42	20MHz	QPSK	42190	1RB#0	25.52	24.82	30	PASS
Band42	20MHz	16QAM	42190	1RB#0	24.65	23.95	30	PASS
Band42	20MHz	64QAM	42190	1RB#0	23.87	23.17	30	PASS
Band42	20MHz	256QAM	42190	1RB#0	20.87	20.17	30	PASS
Band42	20MHz	QPSK	42190	1RB#49	25.7	25.00	30	PASS
Band42	20MHz	16QAM	42190	1RB#49	24.95	24.25	30	PASS
Band42	20MHz	64QAM	42190	1RB#49	24.1	23.40	30	PASS
Band42	20MHz	256QAM	42190	1RB#49	21.01	20.31	30	PASS
Band42	20MHz	QPSK	42190	1RB#99	25.69	24.99	30	PASS
Band42	20MHz	16QAM	42190	1RB#99	24.83	24.13	30	PASS
Band42	20MHz	64QAM	42190	1RB#99	23.99	23.29	30	PASS
Band42	20MHz	256QAM	42190	1RB#99	20.99	20.29	30	PASS
Band42	20MHz	QPSK	42190	100RB#0	24.79	24.09	30	PASS
Band42	20MHz	16QAM	42190	100RB#0	23.84	23.14	30	PASS
Band42	20MHz	64QAM	42190	100RB#0	22.84	22.14	30	PASS
Band42	20MHz	256QAM	42190	100RB#0	20.82	20.12	30	PASS
Band42	20MHz	QPSK	42590	1RB#0	25.36	24.66	30	PASS
Band42	20MHz	16QAM	42590	1RB#0	24.39	23.69	30	PASS
Band42	20MHz	64QAM	42590	1RB#0	23.62	22.92	30	PASS



Band42	20MHz	256QAM	42590	1RB#0	20.48	19.78	30	PASS
Band42	20MHz	QPSK	42590	1RB#49	25.4	24.70	30	PASS
Band42	20MHz	16QAM	42590	1RB#49	24.62	23.92	30	PASS
Band42	20MHz	64QAM	42590	1RB#49	23.77	23.07	30	PASS
Band42	20MHz	256QAM	42590	1RB#49	20.65	19.95	30	PASS
Band42	20MHz	QPSK	42590	1RB#99	25.33	24.63	30	PASS
Band42	20MHz	16QAM	42590	1RB#99	24.52	23.82	30	PASS
Band42	20MHz	64QAM	42590	1RB#99	23.78	23.08	30	PASS
Band42	20MHz	256QAM	42590	1RB#99	20.54	19.84	30	PASS
Band42	20MHz	QPSK	42590	100RB#0	24.43	23.73	30	PASS
Band42	20MHz	16QAM	42590	100RB#0	23.43	22.73	30	PASS
Band42	20MHz	64QAM	42590	100RB#0	22.43	21.73	30	PASS
Band42	20MHz	256QAM	42590	100RB#0	20.42	19.72	30	PASS
Band42	20MHz	QPSK	42990	1RB#0	25.47	24.77	30	PASS
Band42	20MHz	16QAM	42990	1RB#0	24.53	23.83	30	PASS
Band42	20MHz	64QAM	42990	1RB#0	23.75	23.05	30	PASS
Band42	20MHz	256QAM	42990	1RB#0	20.71	20.01	30	PASS
Band42	20MHz	QPSK	42990	1RB#49	25.58	24.88	30	PASS
Band42	20MHz	16QAM	42990	1RB#49	24.76	24.06	30	PASS
Band42	20MHz	64QAM	42990	1RB#49	24.09	23.39	30	PASS
Band42	20MHz	256QAM	42990	1RB#49	20.81	20.11	30	PASS
Band42	20MHz	QPSK	42990	1RB#99	25.48	24.78	30	PASS
Band42	20MHz	16QAM	42990	1RB#99	24.64	23.94	30	PASS
Band42	20MHz	64QAM	42990	1RB#99	23.9	23.20	30	PASS
Band42	20MHz	256QAM	42990	1RB#99	20.77	20.07	30	PASS
Band42	20MHz	QPSK	42990	100RB#0	24.59	23.89	30	PASS
Band42	20MHz	16QAM	42990	100RB#0	23.65	22.95	30	PASS
Band42	20MHz	64QAM	42990	100RB#0	22.65	21.95	30	PASS
Band42	20MHz	256QAM	42990	100RB#0	20.65	19.95	30	PASS