

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION****LTE Band 38****1 Effective Radiated Power and Effective Isotropic Radiated Power**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	25.72	28.58	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	24.80	27.66	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	24.04	26.90	33	PASS
Band38	5MHz	256QAM	37775	1RB#0	20.88	23.74	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	25.81	28.67	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	24.83	27.69	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	24.15	27.01	33	PASS
Band38	5MHz	256QAM	37775	1RB#12	21.06	23.92	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	25.75	28.61	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	24.94	27.80	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	24.09	26.95	33	PASS
Band38	5MHz	256QAM	37775	1RB#24	20.97	23.83	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	24.83	27.69	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	23.86	26.72	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	22.83	25.69	33	PASS
Band38	5MHz	256QAM	37775	25RB#0	20.83	23.69	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	26.01	28.87	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	25.15	28.01	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	24.48	27.34	33	PASS
Band38	5MHz	256QAM	38000	1RB#0	21.14	24.00	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	26.07	28.93	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	25.24	28.10	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	24.55	27.41	33	PASS
Band38	5MHz	256QAM	38000	1RB#12	21.28	24.14	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	25.97	28.83	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	25.15	28.01	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	24.53	27.39	33	PASS
Band38	5MHz	256QAM	38000	1RB#24	21.23	24.09	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	25.03	27.89	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	24.06	26.92	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	23.06	25.92	33	PASS
Band38	5MHz	256QAM	38000	25RB#0	21.09	23.95	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	25.63	28.49	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	24.77	27.63	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	24.01	26.87	33	PASS
Band38	5MHz	256QAM	38225	1RB#0	20.68	23.54	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	25.56	28.42	33	PASS



Band38	5MHz	16QAM	38225	1RB#12	24.63	27.49	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	24.02	26.88	33	PASS
Band38	5MHz	256QAM	38225	1RB#12	20.76	23.62	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	25.47	28.33	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	24.60	27.46	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	23.88	26.74	33	PASS
Band38	5MHz	256QAM	38225	1RB#24	20.69	23.55	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	24.63	27.49	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	23.67	26.53	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	22.68	25.54	33	PASS
Band38	5MHz	256QAM	38225	25RB#0	20.66	23.52	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	25.70	28.56	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.78	27.64	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	24.17	27.03	33	PASS
Band38	10MHz	256QAM	37800	1RB#0	20.90	23.76	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	25.81	28.67	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	24.86	27.72	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	24.25	27.11	33	PASS
Band38	10MHz	256QAM	37800	1RB#24	20.99	23.85	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	25.83	28.69	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	25.03	27.89	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	24.23	27.09	33	PASS
Band38	10MHz	256QAM	37800	1RB#49	21.02	23.88	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	24.90	27.76	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	23.90	26.76	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	22.93	25.79	33	PASS
Band38	10MHz	256QAM	37800	50RB#0	20.93	23.79	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	26.05	28.91	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	25.18	28.04	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	24.38	27.24	33	PASS
Band38	10MHz	256QAM	38000	1RB#0	21.16	24.02	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	26.07	28.93	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	25.19	28.05	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	24.55	27.41	33	PASS
Band38	10MHz	256QAM	38000	1RB#24	21.35	24.21	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	26.01	28.87	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	25.19	28.05	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	24.29	27.15	33	PASS
Band38	10MHz	256QAM	38000	1RB#49	20.92	23.78	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	25.12	27.98	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	24.11	26.97	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	23.09	25.95	33	PASS



Band38	10MHz	256QAM	38000	50RB#0	21.10	23.96	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	25.73	28.59	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	24.87	27.73	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	24.11	26.97	33	PASS
Band38	10MHz	256QAM	38200	1RB#0	20.88	23.74	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	25.61	28.47	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	24.75	27.61	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	24.05	26.91	33	PASS
Band38	10MHz	256QAM	38200	1RB#24	20.80	23.66	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	25.45	28.31	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	24.65	27.51	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	23.84	26.70	33	PASS
Band38	10MHz	256QAM	38200	1RB#49	20.72	23.58	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	24.66	27.52	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	23.63	26.49	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	22.69	25.55	33	PASS
Band38	10MHz	256QAM	38200	50RB#0	20.67	23.53	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	25.60	28.46	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	24.71	27.57	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	23.92	26.78	33	PASS
Band38	15MHz	256QAM	37825	1RB#0	20.88	23.74	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	25.69	28.55	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	24.79	27.65	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	24.15	27.01	33	PASS
Band38	15MHz	256QAM	37825	1RB#38	20.96	23.82	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	25.84	28.70	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	24.85	27.71	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	24.03	26.89	33	PASS
Band38	15MHz	256QAM	37825	1RB#74	22.06	24.92	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	24.89	27.75	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	23.84	26.70	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	22.86	25.72	33	PASS
Band38	15MHz	256QAM	37825	75RB#0	20.84	23.70	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	25.96	28.82	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	24.97	27.83	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	24.31	27.17	33	PASS
Band38	15MHz	256QAM	38000	1RB#0	21.01	23.87	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	26.00	28.86	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	25.04	27.90	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	24.26	27.12	33	PASS
Band38	15MHz	256QAM	38000	1RB#38	20.93	23.79	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	25.72	28.58	33	PASS



Band38	15MHz	16QAM	38000	1RB#74	24.97	27.83	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	24.11	26.97	33	PASS
Band38	15MHz	256QAM	38000	1RB#74	21.12	23.98	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	24.96	27.82	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	23.98	26.84	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	22.98	25.84	33	PASS
Band38	15MHz	256QAM	38000	75RB#0	20.99	23.85	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	25.71	28.57	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	24.84	27.70	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	24.01	26.87	33	PASS
Band38	15MHz	256QAM	38175	1RB#0	20.92	23.78	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	25.55	28.41	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	24.63	27.49	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	23.93	26.79	33	PASS
Band38	15MHz	256QAM	38175	1RB#38	20.82	23.68	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	25.24	28.10	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	24.37	27.23	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	23.64	26.50	33	PASS
Band38	15MHz	256QAM	38175	1RB#74	20.67	23.53	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	24.68	27.54	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	23.70	26.56	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	22.71	25.57	33	PASS
Band38	15MHz	256QAM	38175	75RB#0	20.73	23.59	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	25.60	28.46	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.72	27.58	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	23.90	26.76	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	20.77	23.63	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	25.85	28.71	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.72	27.58	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	24.15	27.01	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	20.93	23.79	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	25.84	28.70	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	24.86	27.72	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	24.19	27.05	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	21.14	24.00	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	24.91	27.77	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.93	26.79	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	22.90	25.76	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	20.90	23.76	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	25.99	28.85	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	24.94	27.80	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	24.12	26.98	33	PASS



Band38	20MHz	256QAM	38000	1RB#0	21.15	24.01	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	26.05	28.91	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	25.07	27.93	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	24.24	27.10	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	21.11	23.97	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	25.68	28.54	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	24.78	27.64	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	24.07	26.93	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	20.92	23.78	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	24.95	27.81	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.97	26.83	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	25.61	28.47	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.72	27.58	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	24.01	26.87	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	20.83	23.69	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	25.75	28.61	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.89	27.75	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	24.02	26.88	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	20.91	23.77	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	25.90	28.76	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	25.01	27.87	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	24.20	27.06	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	21.04	23.90	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	24.90	27.76	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.92	26.78	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	22.93	25.79	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	20.92	23.78	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	26.01	28.87	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	25.04	27.90	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	24.18	27.04	33	PASS
Band38	20MHz	256QAM	38000	1RB#0	21.11	23.97	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	25.95	28.81	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	25.06	27.92	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	24.20	27.06	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	21.02	23.88	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	25.82	28.68	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	24.72	27.58	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	24.07	26.93	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	20.99	23.85	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	24.96	27.82	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.99	26.85	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	23.00	25.86	33	PASS



Band38	20MHz	256QAM	38000	100RB#0	21.00	23.86	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	26.02	28.88	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	25.05	27.91	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	24.26	27.12	33	PASS
Band38	20MHz	256QAM	38150	1RB#0	21.08	23.94	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	25.64	28.50	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	24.92	27.78	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	23.94	26.80	33	PASS
Band38	20MHz	256QAM	38150	1RB#49	20.86	23.72	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	25.29	28.15	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	24.40	27.26	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	23.63	26.49	33	PASS
Band38	20MHz	256QAM	38150	1RB#99	20.65	23.51	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	24.69	27.55	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	23.73	26.59	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	22.73	25.59	33	PASS
Band38	20MHz	256QAM	38150	100RB#0	20.75	23.61	33	PASS