

**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	25.62	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	24.80	24.70	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	24.04	23.94	33	PASS
Band38	5MHz	256QAM	37775	1RB#0	20.88	20.78	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	25.81	25.71	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	24.83	24.73	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	24.15	24.05	33	PASS
Band38	5MHz	256QAM	37775	1RB#12	21.06	20.96	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	25.75	25.65	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	24.94	24.84	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	24.09	23.99	33	PASS
Band38	5MHz	256QAM	37775	1RB#24	20.97	20.87	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	24.83	24.73	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	23.86	23.76	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	22.83	22.73	33	PASS
Band38	5MHz	256QAM	37775	25RB#0	20.83	20.73	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	26.01	25.91	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	25.15	25.05	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	24.48	24.38	33	PASS
Band38	5MHz	256QAM	38000	1RB#0	21.14	21.04	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	26.07	25.97	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	25.24	25.14	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	24.55	24.45	33	PASS
Band38	5MHz	256QAM	38000	1RB#12	21.28	21.18	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	25.97	25.87	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	25.15	25.05	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	24.53	24.43	33	PASS
Band38	5MHz	256QAM	38000	1RB#24	21.23	21.13	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	25.03	24.93	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	24.06	23.96	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	23.06	22.96	33	PASS
Band38	5MHz	256QAM	38000	25RB#0	21.09	20.99	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	25.63	25.53	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	24.77	24.67	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	24.01	23.91	33	PASS
Band38	5MHz	256QAM	38225	1RB#0	20.68	20.58	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	25.56	25.46	33	PASS



Band38	5MHz	16QAM	38225	1RB#12	24.63	24.53	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	24.02	23.92	33	PASS
Band38	5MHz	256QAM	38225	1RB#12	20.76	20.66	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	25.47	25.37	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	24.60	24.50	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	23.88	23.78	33	PASS
Band38	5MHz	256QAM	38225	1RB#24	20.69	20.59	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	24.63	24.53	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	23.67	23.57	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	22.68	22.58	33	PASS
Band38	5MHz	256QAM	38225	25RB#0	20.66	20.56	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	25.70	25.60	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.78	24.68	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	24.17	24.07	33	PASS
Band38	10MHz	256QAM	37800	1RB#0	20.90	20.80	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	25.81	25.71	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	24.86	24.76	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	24.25	24.15	33	PASS
Band38	10MHz	256QAM	37800	1RB#24	20.99	20.89	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	25.83	25.73	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	25.03	24.93	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	24.23	24.13	33	PASS
Band38	10MHz	256QAM	37800	1RB#49	21.02	20.92	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	24.90	24.80	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	23.90	23.80	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	22.93	22.83	33	PASS
Band38	10MHz	256QAM	37800	50RB#0	20.93	20.83	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	26.05	25.95	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	25.18	25.08	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	24.38	24.28	33	PASS
Band38	10MHz	256QAM	38000	1RB#0	21.16	21.06	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	26.07	25.97	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	25.19	25.09	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	24.55	24.45	33	PASS
Band38	10MHz	256QAM	38000	1RB#24	21.35	21.25	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	26.01	25.91	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	25.19	25.09	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	24.29	24.19	33	PASS
Band38	10MHz	256QAM	38000	1RB#49	20.92	20.82	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	25.12	25.02	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	24.11	24.01	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	23.09	22.99	33	PASS



Band38	10MHz	256QAM	38000	50RB#0	21.10	21.00	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	25.73	25.63	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	24.87	24.77	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	24.11	24.01	33	PASS
Band38	10MHz	256QAM	38200	1RB#0	20.88	20.78	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	25.61	25.51	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	24.75	24.65	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	24.05	23.95	33	PASS
Band38	10MHz	256QAM	38200	1RB#24	20.80	20.70	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	25.45	25.35	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	24.65	24.55	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	23.84	23.74	33	PASS
Band38	10MHz	256QAM	38200	1RB#49	20.72	20.62	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	24.66	24.56	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	23.63	23.53	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	22.69	22.59	33	PASS
Band38	10MHz	256QAM	38200	50RB#0	20.67	20.57	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	25.60	25.50	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	24.71	24.61	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	23.92	23.82	33	PASS
Band38	15MHz	256QAM	37825	1RB#0	20.88	20.78	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	25.69	25.59	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	24.79	24.69	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	24.15	24.05	33	PASS
Band38	15MHz	256QAM	37825	1RB#38	20.96	20.86	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	25.84	25.74	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	24.85	24.75	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	24.03	23.93	33	PASS
Band38	15MHz	256QAM	37825	1RB#74	22.06	21.96	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	24.89	24.79	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	23.84	23.74	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	22.86	22.76	33	PASS
Band38	15MHz	256QAM	37825	75RB#0	20.84	20.74	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	25.96	25.86	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	24.97	24.87	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	24.31	24.21	33	PASS
Band38	15MHz	256QAM	38000	1RB#0	21.01	20.91	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	26.00	25.90	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	25.04	24.94	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	24.26	24.16	33	PASS
Band38	15MHz	256QAM	38000	1RB#38	20.93	20.83	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	25.72	25.62	33	PASS



Band38	15MHz	16QAM	38000	1RB#74	24.97	24.87	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	24.11	24.01	33	PASS
Band38	15MHz	256QAM	38000	1RB#74	21.12	21.02	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	24.96	24.86	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	23.98	23.88	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	22.98	22.88	33	PASS
Band38	15MHz	256QAM	38000	75RB#0	20.99	20.89	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	25.71	25.61	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	24.84	24.74	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	24.01	23.91	33	PASS
Band38	15MHz	256QAM	38175	1RB#0	20.92	20.82	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	25.55	25.45	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	24.63	24.53	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	23.93	23.83	33	PASS
Band38	15MHz	256QAM	38175	1RB#38	20.82	20.72	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	25.24	25.14	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	24.37	24.27	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	23.64	23.54	33	PASS
Band38	15MHz	256QAM	38175	1RB#74	20.67	20.57	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	24.68	24.58	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	23.70	23.60	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	22.71	22.61	33	PASS
Band38	15MHz	256QAM	38175	75RB#0	20.73	20.63	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	25.60	25.50	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.72	24.62	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	23.90	23.80	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	20.77	20.67	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	25.85	25.75	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.72	24.62	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	24.15	24.05	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	20.93	20.83	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	25.84	25.74	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	24.86	24.76	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	24.19	24.09	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	21.14	21.04	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	24.91	24.81	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.93	23.83	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	22.90	22.80	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	20.90	20.80	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	25.99	25.89	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	24.94	24.84	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	24.12	24.02	33	PASS



Band38	20MHz	256QAM	38000	1RB#0	21.15	21.05	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	26.05	25.95	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	25.07	24.97	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	24.24	24.14	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	21.11	21.01	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	25.68	25.58	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	24.78	24.68	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	24.07	23.97	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	20.92	20.82	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	24.95	24.85	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.97	23.87	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	25.61	25.51	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	24.72	24.62	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	24.01	23.91	33	PASS
Band38	20MHz	256QAM	37850	1RB#0	20.83	20.73	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	25.75	25.65	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.89	24.79	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	24.02	23.92	33	PASS
Band38	20MHz	256QAM	37850	1RB#49	20.91	20.81	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	25.90	25.80	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	25.01	24.91	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	24.20	24.10	33	PASS
Band38	20MHz	256QAM	37850	1RB#99	21.04	20.94	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	24.90	24.80	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	23.92	23.82	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	22.93	22.83	33	PASS
Band38	20MHz	256QAM	37850	100RB#0	20.92	20.82	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	26.01	25.91	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	25.04	24.94	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	24.18	24.08	33	PASS
Band38	20MHz	256QAM	38000	1RB#0	21.11	21.01	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	25.95	25.85	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	25.06	24.96	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	24.20	24.10	33	PASS
Band38	20MHz	256QAM	38000	1RB#49	21.02	20.92	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	25.82	25.72	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	24.72	24.62	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	24.07	23.97	33	PASS
Band38	20MHz	256QAM	38000	1RB#99	20.99	20.89	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	24.96	24.86	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.99	23.89	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	23.00	22.90	33	PASS



Band38	20MHz	256QAM	38000	100RB#0	21.00	20.90	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	26.02	25.92	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	25.05	24.95	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	24.26	24.16	33	PASS
Band38	20MHz	256QAM	38150	1RB#0	21.08	20.98	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	25.64	25.54	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	24.92	24.82	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	23.94	23.84	33	PASS
Band38	20MHz	256QAM	38150	1RB#49	20.86	20.76	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	25.29	25.19	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	24.40	24.30	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	23.63	23.53	33	PASS
Band38	20MHz	256QAM	38150	1RB#99	20.65	20.55	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	24.69	24.59	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	23.73	23.63	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	22.73	22.63	33	PASS
Band38	20MHz	256QAM	38150	100RB#0	20.75	20.65	33	PASS