

**APPENDIX A – TEST DATA OF CONDUCTED EMISSION****LTE Band 41****1 Effective Radiated Power and Effective Isotropic Radiated Power**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	25.95	25.85	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	25.13	25.03	33	PASS
Band41	5MHz	64QAM	39675	1RB#0	24.40	24.30	33	PASS
Band41	5MHz	256QAM	39675	1RB#0	21.18	21.08	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.91	25.81	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	25.04	24.94	33	PASS
Band41	5MHz	64QAM	39675	1RB#12	24.32	24.22	33	PASS
Band41	5MHz	256QAM	39675	1RB#12	21.21	21.11	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.83	25.73	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.98	24.88	33	PASS
Band41	5MHz	64QAM	39675	1RB#24	24.38	24.28	33	PASS
Band41	5MHz	256QAM	39675	1RB#24	21.11	21.01	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	25.03	24.93	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	24.06	23.96	33	PASS
Band41	5MHz	64QAM	39675	25RB#0	23.06	22.96	33	PASS
Band41	5MHz	256QAM	39675	25RB#0	21.04	20.94	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	26.03	25.93	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	25.18	25.08	33	PASS
Band41	5MHz	64QAM	40620	1RB#0	24.38	24.28	33	PASS
Band41	5MHz	256QAM	40620	1RB#0	21.28	21.18	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	26.11	26.01	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	25.27	25.17	33	PASS
Band41	5MHz	64QAM	40620	1RB#12	24.66	24.56	33	PASS
Band41	5MHz	256QAM	40620	1RB#12	21.41	21.31	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	26.06	25.96	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	25.26	25.16	33	PASS
Band41	5MHz	64QAM	40620	1RB#24	24.47	24.37	33	PASS
Band41	5MHz	256QAM	40620	1RB#24	21.07	20.97	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	25.13	25.03	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	24.15	24.05	33	PASS
Band41	5MHz	64QAM	40620	25RB#0	23.14	23.04	33	PASS
Band41	5MHz	256QAM	40620	25RB#0	21.15	21.05	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.86	25.76	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.92	24.82	33	PASS
Band41	5MHz	64QAM	41565	1RB#0	24.22	24.12	33	PASS
Band41	5MHz	256QAM	41565	1RB#0	21.03	20.93	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.83	25.73	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	25.05	24.95	33	PASS



Band41	5MHz	64QAM	41565	1RB#12	24.25	24.15	33	PASS
Band41	5MHz	256QAM	41565	1RB#12	21.12	21.02	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.78	25.68	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	25.01	24.91	33	PASS
Band41	5MHz	64QAM	41565	1RB#24	24.27	24.17	33	PASS
Band41	5MHz	256QAM	41565	1RB#24	21.04	20.94	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.90	24.80	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.93	23.83	33	PASS
Band41	5MHz	64QAM	41565	25RB#0	22.95	22.85	33	PASS
Band41	5MHz	256QAM	41565	25RB#0	20.96	20.86	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.91	25.81	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	25.12	25.02	33	PASS
Band41	10MHz	64QAM	39700	1RB#0	24.28	24.18	33	PASS
Band41	10MHz	256QAM	39700	1RB#0	21.18	21.08	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.92	25.82	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	25.07	24.97	33	PASS
Band41	10MHz	64QAM	39700	1RB#24	24.37	24.27	33	PASS
Band41	10MHz	256QAM	39700	1RB#24	21.19	21.09	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.96	25.86	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	25.07	24.97	33	PASS
Band41	10MHz	64QAM	39700	1RB#49	24.24	24.14	33	PASS
Band41	10MHz	256QAM	39700	1RB#49	21.03	20.93	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	25.05	24.95	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	24.06	23.96	33	PASS
Band41	10MHz	64QAM	39700	50RB#0	23.07	22.97	33	PASS
Band41	10MHz	256QAM	39700	50RB#0	21.04	20.94	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	26.25	26.15	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	25.31	25.21	33	PASS
Band41	10MHz	64QAM	40620	1RB#0	24.41	24.31	33	PASS
Band41	10MHz	256QAM	40620	1RB#0	21.22	21.12	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	26.12	26.02	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	25.25	25.15	33	PASS
Band41	10MHz	64QAM	40620	1RB#24	24.49	24.39	33	PASS
Band41	10MHz	256QAM	40620	1RB#24	21.39	21.29	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	26.00	25.90	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	25.30	25.20	33	PASS
Band41	10MHz	64QAM	40620	1RB#49	24.40	24.30	33	PASS
Band41	10MHz	256QAM	40620	1RB#49	21.26	21.16	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	25.13	25.03	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	24.17	24.07	33	PASS
Band41	10MHz	64QAM	40620	50RB#0	23.17	23.07	33	PASS
Band41	10MHz	256QAM	40620	50RB#0	21.14	21.04	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	25.81	25.71	33	PASS



Band41	10MHz	16QAM	41540	1RB#0	24.97	24.87	33	PASS
Band41	10MHz	64QAM	41540	1RB#0	24.14	24.04	33	PASS
Band41	10MHz	256QAM	41540	1RB#0	21.00	20.90	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.78	25.68	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.94	24.84	33	PASS
Band41	10MHz	64QAM	41540	1RB#24	24.32	24.22	33	PASS
Band41	10MHz	256QAM	41540	1RB#24	21.12	21.02	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	25.77	25.67	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.93	24.83	33	PASS
Band41	10MHz	64QAM	41540	1RB#49	24.40	24.30	33	PASS
Band41	10MHz	256QAM	41540	1RB#49	21.05	20.95	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.91	24.81	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.94	23.84	33	PASS
Band41	10MHz	64QAM	41540	50RB#0	22.92	22.82	33	PASS
Band41	10MHz	256QAM	41540	50RB#0	20.93	20.83	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.83	25.73	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.88	24.78	33	PASS
Band41	15MHz	64QAM	39725	1RB#0	24.03	23.93	33	PASS
Band41	15MHz	256QAM	39725	1RB#0	20.92	20.82	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.78	25.68	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.89	24.79	33	PASS
Band41	15MHz	64QAM	39725	1RB#38	24.12	24.02	33	PASS
Band41	15MHz	256QAM	39725	1RB#38	20.95	20.85	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.69	25.59	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.76	24.66	33	PASS
Band41	15MHz	64QAM	39725	1RB#74	24.04	23.94	33	PASS
Band41	15MHz	256QAM	39725	1RB#74	21.04	20.94	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.84	24.74	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.93	23.83	33	PASS
Band41	15MHz	64QAM	39725	75RB#0	22.88	22.78	33	PASS
Band41	15MHz	256QAM	39725	75RB#0	20.92	20.82	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.91	25.81	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	25.13	25.03	33	PASS
Band41	15MHz	64QAM	40620	1RB#0	24.23	24.13	33	PASS
Band41	15MHz	256QAM	40620	1RB#0	21.06	20.96	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.91	25.81	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	25.15	25.05	33	PASS
Band41	15MHz	64QAM	40620	1RB#38	24.29	24.19	33	PASS
Band41	15MHz	256QAM	40620	1RB#38	21.18	21.08	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.88	25.78	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	25.06	24.96	33	PASS
Band41	15MHz	64QAM	40620	1RB#74	24.35	24.25	33	PASS
Band41	15MHz	256QAM	40620	1RB#74	21.22	21.12	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.98	24.88	33	PASS



Band41	15MHz	16QAM	40620	75RB#0	24.02	23.92	33	PASS
Band41	15MHz	64QAM	40620	75RB#0	23.03	22.93	33	PASS
Band41	15MHz	256QAM	40620	75RB#0	21.07	20.97	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.51	25.41	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.73	24.63	33	PASS
Band41	15MHz	64QAM	41515	1RB#0	24.06	23.96	33	PASS
Band41	15MHz	256QAM	41515	1RB#0	20.82	20.72	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.54	25.44	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.75	24.65	33	PASS
Band41	15MHz	64QAM	41515	1RB#38	23.93	23.83	33	PASS
Band41	15MHz	256QAM	41515	1RB#38	20.91	20.81	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.72	25.62	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.85	24.75	33	PASS
Band41	15MHz	64QAM	41515	1RB#74	24.03	23.93	33	PASS
Band41	15MHz	256QAM	41515	1RB#74	20.97	20.87	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.77	24.67	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.80	23.70	33	PASS
Band41	15MHz	64QAM	41515	75RB#0	22.81	22.71	33	PASS
Band41	15MHz	256QAM	41515	75RB#0	20.84	20.74	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.80	25.70	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.86	24.76	33	PASS
Band41	20MHz	64QAM	39750	1RB#0	24.01	23.91	33	PASS
Band41	20MHz	256QAM	39750	1RB#0	20.95	20.85	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.88	25.78	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.92	24.82	33	PASS
Band41	20MHz	64QAM	39750	1RB#49	24.15	24.05	33	PASS
Band41	20MHz	256QAM	39750	1RB#49	20.98	20.88	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.82	25.72	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.80	24.70	33	PASS
Band41	20MHz	64QAM	39750	1RB#99	24.09	23.99	33	PASS
Band41	20MHz	256QAM	39750	1RB#99	21.05	20.95	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.87	24.77	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.88	23.78	33	PASS
Band41	20MHz	64QAM	39750	100RB#0	22.92	22.82	33	PASS
Band41	20MHz	256QAM	39750	100RB#0	20.93	20.83	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	26.01	25.91	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	25.00	24.90	33	PASS
Band41	20MHz	64QAM	40620	1RB#0	24.27	24.17	33	PASS
Band41	20MHz	256QAM	40620	1RB#0	21.11	21.01	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	26.03	25.93	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	25.12	25.02	33	PASS
Band41	20MHz	64QAM	40620	1RB#49	24.33	24.23	33	PASS
Band41	20MHz	256QAM	40620	1RB#49	21.30	21.20	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.92	25.82	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.98	24.88	33	PASS
Band41	20MHz	64QAM	40620	1RB#99	24.29	24.19	33	PASS



Band41	20MHz	256QAM	40620	1RB#99	21.16	21.06	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	25.00	24.90	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	24.01	23.91	33	PASS
Band41	20MHz	64QAM	40620	100RB#0	23.04	22.94	33	PASS
Band41	20MHz	256QAM	40620	100RB#0	21.05	20.95	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.72	25.62	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.82	24.72	33	PASS
Band41	20MHz	64QAM	41490	1RB#0	24.02	23.92	33	PASS
Band41	20MHz	256QAM	41490	1RB#0	20.87	20.77	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.67	25.57	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.74	24.64	33	PASS
Band41	20MHz	64QAM	41490	1RB#49	24.06	23.96	33	PASS
Band41	20MHz	256QAM	41490	1RB#49	20.93	20.83	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.80	25.70	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	25.11	25.01	33	PASS
Band41	20MHz	64QAM	41490	1RB#99	24.04	23.94	33	PASS
Band41	20MHz	256QAM	41490	1RB#99	21.05	20.95	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.73	24.63	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.74	23.64	33	PASS
Band41	20MHz	64QAM	41490	100RB#0	22.73	22.63	33	PASS
Band41	20MHz	256QAM	41490	100RB#0	20.75	20.65	33	PASS