

**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	29.00	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	25.13	28.18	33	PASS
Band41	5MHz	64QAM	39675	1RB#0	24.40	27.45	33	PASS
Band41	5MHz	256QAM	39675	1RB#0	21.18	24.23	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.91	28.96	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	25.04	28.09	33	PASS
Band41	5MHz	64QAM	39675	1RB#12	24.32	27.37	33	PASS
Band41	5MHz	256QAM	39675	1RB#12	21.21	24.26	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.83	28.88	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.98	28.03	33	PASS
Band41	5MHz	64QAM	39675	1RB#24	24.38	27.43	33	PASS
Band41	5MHz	256QAM	39675	1RB#24	21.11	24.16	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	25.03	28.08	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	24.06	27.11	33	PASS
Band41	5MHz	64QAM	39675	25RB#0	23.06	26.11	33	PASS
Band41	5MHz	256QAM	39675	25RB#0	21.04	24.09	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	26.03	29.08	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	25.18	28.23	33	PASS
Band41	5MHz	64QAM	40620	1RB#0	24.38	27.43	33	PASS
Band41	5MHz	256QAM	40620	1RB#0	21.28	24.33	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	26.11	29.16	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	25.27	28.32	33	PASS
Band41	5MHz	64QAM	40620	1RB#12	24.66	27.71	33	PASS
Band41	5MHz	256QAM	40620	1RB#12	21.41	24.46	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	26.06	29.11	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	25.26	28.31	33	PASS
Band41	5MHz	64QAM	40620	1RB#24	24.47	27.52	33	PASS
Band41	5MHz	256QAM	40620	1RB#24	21.07	24.12	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	25.13	28.18	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	24.15	27.20	33	PASS
Band41	5MHz	64QAM	40620	25RB#0	23.14	26.19	33	PASS
Band41	5MHz	256QAM	40620	25RB#0	21.15	24.20	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.86	28.91	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.92	27.97	33	PASS
Band41	5MHz	64QAM	41565	1RB#0	24.22	27.27	33	PASS
Band41	5MHz	256QAM	41565	1RB#0	21.03	24.08	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.83	28.88	33	PASS



Band41	5MHz	16QAM	41565	1RB#12	25.05	28.10	33	PASS
Band41	5MHz	64QAM	41565	1RB#12	24.25	27.30	33	PASS
Band41	5MHz	256QAM	41565	1RB#12	21.12	24.17	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.78	28.83	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	25.01	28.06	33	PASS
Band41	5MHz	64QAM	41565	1RB#24	24.27	27.32	33	PASS
Band41	5MHz	256QAM	41565	1RB#24	21.04	24.09	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.90	27.95	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.93	26.98	33	PASS
Band41	5MHz	64QAM	41565	25RB#0	22.95	26.00	33	PASS
Band41	5MHz	256QAM	41565	25RB#0	20.96	24.01	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.91	28.96	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	25.12	28.17	33	PASS
Band41	10MHz	64QAM	39700	1RB#0	24.28	27.33	33	PASS
Band41	10MHz	256QAM	39700	1RB#0	21.18	24.23	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.92	28.97	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	25.07	28.12	33	PASS
Band41	10MHz	64QAM	39700	1RB#24	24.37	27.42	33	PASS
Band41	10MHz	256QAM	39700	1RB#24	21.19	24.24	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.96	29.01	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	25.07	28.12	33	PASS
Band41	10MHz	64QAM	39700	1RB#49	24.24	27.29	33	PASS
Band41	10MHz	256QAM	39700	1RB#49	21.03	24.08	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	25.05	28.10	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	24.06	27.11	33	PASS
Band41	10MHz	64QAM	39700	50RB#0	23.07	26.12	33	PASS
Band41	10MHz	256QAM	39700	50RB#0	21.04	24.09	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	26.25	29.30	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	25.31	28.36	33	PASS
Band41	10MHz	64QAM	40620	1RB#0	24.41	27.46	33	PASS
Band41	10MHz	256QAM	40620	1RB#0	21.22	24.27	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	26.12	29.17	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	25.25	28.30	33	PASS
Band41	10MHz	64QAM	40620	1RB#24	24.49	27.54	33	PASS
Band41	10MHz	256QAM	40620	1RB#24	21.39	24.44	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	26.00	29.05	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	25.30	28.35	33	PASS
Band41	10MHz	64QAM	40620	1RB#49	24.40	27.45	33	PASS
Band41	10MHz	256QAM	40620	1RB#49	21.26	24.31	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	25.13	28.18	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	24.17	27.22	33	PASS
Band41	10MHz	64QAM	40620	50RB#0	23.17	26.22	33	PASS



Band41	10MHz	256QAM	40620	50RB#0	21.14	24.19	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	25.81	28.86	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.97	28.02	33	PASS
Band41	10MHz	64QAM	41540	1RB#0	24.14	27.19	33	PASS
Band41	10MHz	256QAM	41540	1RB#0	21.00	24.05	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.78	28.83	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.94	27.99	33	PASS
Band41	10MHz	64QAM	41540	1RB#24	24.32	27.37	33	PASS
Band41	10MHz	256QAM	41540	1RB#24	21.12	24.17	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	25.77	28.82	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.93	27.98	33	PASS
Band41	10MHz	64QAM	41540	1RB#49	24.40	27.45	33	PASS
Band41	10MHz	256QAM	41540	1RB#49	21.05	24.10	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.91	27.96	33	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.94	26.99	33	PASS
Band41	10MHz	64QAM	41540	50RB#0	22.92	25.97	33	PASS
Band41	10MHz	256QAM	41540	50RB#0	20.93	23.98	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.83	28.88	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.88	27.93	33	PASS
Band41	15MHz	64QAM	39725	1RB#0	24.03	27.08	33	PASS
Band41	15MHz	256QAM	39725	1RB#0	20.92	23.97	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.78	28.83	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.89	27.94	33	PASS
Band41	15MHz	64QAM	39725	1RB#38	24.12	27.17	33	PASS
Band41	15MHz	256QAM	39725	1RB#38	20.95	24.00	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.69	28.74	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.76	27.81	33	PASS
Band41	15MHz	64QAM	39725	1RB#74	24.04	27.09	33	PASS
Band41	15MHz	256QAM	39725	1RB#74	21.04	24.09	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.84	27.89	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.93	26.98	33	PASS
Band41	15MHz	64QAM	39725	75RB#0	22.88	25.93	33	PASS
Band41	15MHz	256QAM	39725	75RB#0	20.92	23.97	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.91	28.96	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	25.13	28.18	33	PASS
Band41	15MHz	64QAM	40620	1RB#0	24.23	27.28	33	PASS
Band41	15MHz	256QAM	40620	1RB#0	21.06	24.11	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.91	28.96	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	25.15	28.20	33	PASS
Band41	15MHz	64QAM	40620	1RB#38	24.29	27.34	33	PASS
Band41	15MHz	256QAM	40620	1RB#38	21.18	24.23	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.88	28.93	33	PASS



Band41	15MHz	16QAM	40620	1RB#74	25.06	28.11	33	PASS
Band41	15MHz	64QAM	40620	1RB#74	24.35	27.40	33	PASS
Band41	15MHz	256QAM	40620	1RB#74	21.22	24.27	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.98	28.03	33	PASS
Band41	15MHz	16QAM	40620	75RB#0	24.02	27.07	33	PASS
Band41	15MHz	64QAM	40620	75RB#0	23.03	26.08	33	PASS
Band41	15MHz	256QAM	40620	75RB#0	21.07	24.12	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.51	28.56	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.73	27.78	33	PASS
Band41	15MHz	64QAM	41515	1RB#0	24.06	27.11	33	PASS
Band41	15MHz	256QAM	41515	1RB#0	20.82	23.87	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.54	28.59	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.75	27.80	33	PASS
Band41	15MHz	64QAM	41515	1RB#38	23.93	26.98	33	PASS
Band41	15MHz	256QAM	41515	1RB#38	20.91	23.96	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.72	28.77	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.85	27.90	33	PASS
Band41	15MHz	64QAM	41515	1RB#74	24.03	27.08	33	PASS
Band41	15MHz	256QAM	41515	1RB#74	20.97	24.02	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.77	27.82	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.80	26.85	33	PASS
Band41	15MHz	64QAM	41515	75RB#0	22.81	25.86	33	PASS
Band41	15MHz	256QAM	41515	75RB#0	20.84	23.89	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.80	28.85	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.86	27.91	33	PASS
Band41	20MHz	64QAM	39750	1RB#0	24.01	27.06	33	PASS
Band41	20MHz	256QAM	39750	1RB#0	20.95	24.00	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.88	28.93	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.92	27.97	33	PASS
Band41	20MHz	64QAM	39750	1RB#49	24.15	27.20	33	PASS
Band41	20MHz	256QAM	39750	1RB#49	20.98	24.03	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.82	28.87	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.80	27.85	33	PASS
Band41	20MHz	64QAM	39750	1RB#99	24.09	27.14	33	PASS
Band41	20MHz	256QAM	39750	1RB#99	21.05	24.10	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.87	27.92	33	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.88	26.93	33	PASS
Band41	20MHz	64QAM	39750	100RB#0	22.92	25.97	33	PASS
Band41	20MHz	256QAM	39750	100RB#0	20.93	23.98	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	26.01	29.06	33	PASS
Band41	20MHz	16QAM	40620	1RB#0	25.00	28.05	33	PASS
Band41	20MHz	64QAM	40620	1RB#0	24.27	27.32	33	PASS



Band41	20MHz	256QAM	40620	1RB#0	21.11	24.16	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	26.03	29.08	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	25.12	28.17	33	PASS
Band41	20MHz	64QAM	40620	1RB#49	24.33	27.38	33	PASS
Band41	20MHz	256QAM	40620	1RB#49	21.30	24.35	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.92	28.97	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.98	28.03	33	PASS
Band41	20MHz	64QAM	40620	1RB#99	24.29	27.34	33	PASS
Band41	20MHz	256QAM	40620	1RB#99	21.16	24.21	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	25.00	28.05	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	24.01	27.06	33	PASS
Band41	20MHz	64QAM	40620	100RB#0	23.04	26.09	33	PASS
Band41	20MHz	256QAM	40620	100RB#0	21.05	24.10	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.72	28.77	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.82	27.87	33	PASS
Band41	20MHz	64QAM	41490	1RB#0	24.02	27.07	33	PASS
Band41	20MHz	256QAM	41490	1RB#0	20.87	23.92	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.67	28.72	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.74	27.79	33	PASS
Band41	20MHz	64QAM	41490	1RB#49	24.06	27.11	33	PASS
Band41	20MHz	256QAM	41490	1RB#49	20.93	23.98	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.80	28.85	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	25.11	28.16	33	PASS
Band41	20MHz	64QAM	41490	1RB#99	24.04	27.09	33	PASS
Band41	20MHz	256QAM	41490	1RB#99	21.05	24.10	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.73	27.78	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.74	26.79	33	PASS
Band41	20MHz	64QAM	41490	100RB#0	22.73	25.78	33	PASS
Band41	20MHz	256QAM	41490	100RB#0	20.75	23.80	33	PASS