



APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band CA_5B

1 Effective Radiated Power and Effective Isotropic Radiated Power

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
5-5	10MHz-10MHz	QPSK-QPSK	20450-20549	1RB#0-0RB#0	23.72	24.09	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20450-20549	50RB#0-50RB#0	22.62	22.99	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	1RB#0-0RB#0	23.78	24.15	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20476-20575	50RB#0-50RB#0	22.67	23.04	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20501-20600	1RB#0-0RB#0	23.74	24.11	38.45	PASS
5-5	10MHz-10MHz	QPSK-QPSK	20501-20600	50RB#0-50RB#0	22.70	23.07	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20450-20549	1RB#0-0RB#0	22.94	23.31	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20450-20549	50RB#0-50RB#0	21.68	22.05	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	1RB#0-0RB#0	22.98	23.35	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20476-20575	50RB#0-50RB#0	21.66	22.03	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20501-20600	1RB#0-0RB#0	22.93	23.30	38.45	PASS
5-5	10MHz-10MHz	16QAM-16QAM	20501-20600	50RB#0-50RB#0	21.70	22.07	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20450-20549	1RB#0-0RB#0	22.02	22.39	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20450-20549	50RB#0-50RB#0	21.66	22.03	38.45	PASS
5-5	10MHz-10MHz	64QAM-64QAM	20476-20575	1RB#0-0RB#0	22.07	22.44	38.45	PASS



5-5	10MHz-10M Hz	64QAM-64QA M	20476-205 75	50RB#0-50RB #0	21.65	22.02	38.45	PAS S
5-5	10MHz-10M Hz	64QAM-64QA M	20501-206 00	1RB#0-0RB#0	21.99	22.36	38.45	PAS S
5-5	10MHz-10M Hz	64QAM-64QA M	20501-206 00	50RB#0-50RB #0	21.76	22.13	38.45	PAS S
5-5	10MHz-10M Hz	256QAM-256Q AM	20450-205 49	1RB#0-0RB#0	19.22	19.59	38.45	PAS S
5-5	10MHz-10M Hz	256QAM-256Q AM	20450-205 49	50RB#0-50RB #0	19.68	20.05	38.45	PAS S
5-5	10MHz-10M Hz	256QAM-256Q AM	20476-205 75	1RB#0-0RB#0	19.13	19.50	38.45	PAS S
5-5	10MHz-10M Hz	256QAM-256Q AM	20476-205 75	50RB#0-50RB #0	19.66	20.03	38.45	PAS S
5-5	10MHz-10M Hz	256QAM-256Q AM	20501-206 00	1RB#0-0RB#0	19.01	19.38	38.45	PAS S
5-5	10MHz-10M Hz	256QAM-256Q AM	20501-206 00	50RB#0-50RB #0	19.71	20.08	38.45	PAS S
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	1RB#0-0RB#0	23.92	24.29	38.45	PAS S
5-5	10MHz-5MH z	QPSK-QPSK	20450-205 22	50RB#0-25RB #0	22.68	23.05	38.45	PAS S
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	1RB#0-0RB#0	23.91	24.28	38.45	PAS S
5-5	10MHz-5MH z	QPSK-QPSK	20500-205 72	50RB#0-25RB #0	22.69	23.06	38.45	PAS S
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	1RB#0-0RB#0	23.84	24.21	38.45	PAS S
5-5	10MHz-5MH z	QPSK-QPSK	20550-206 22	50RB#0-25RB #0	22.73	23.10	38.45	PAS S
5-5	10MHz-5MH z	16QAM-16QA M	20450-205 22	1RB#0-0RB#0	22.95	23.32	38.45	PAS S



5-5	10MHz-5MH Z	16QAM-16QA M	20450-205 22	50RB#0-25RB #0	21.69	22.06	38.45	PAS S
5-5	10MHz-5MH Z	16QAM-16QA M	20500-205 72	1RB#0-0RB#0	23.00	23.37	38.45	PAS S
5-5	10MHz-5MH Z	16QAM-16QA M	20500-205 72	50RB#0-25RB #0	21.70	22.07	38.45	PAS S
5-5	10MHz-5MH Z	16QAM-16QA M	20550-206 22	1RB#0-0RB#0	23.09	23.46	38.45	PAS S
5-5	10MHz-5MH Z	16QAM-16QA M	20550-206 22	50RB#0-25RB #0	21.75	22.12	38.45	PAS S
5-5	10MHz-5MH Z	64QAM-64QA M	20450-205 22	1RB#0-0RB#0	22.14	22.51	38.45	PAS S
5-5	10MHz-5MH Z	64QAM-64QA M	20450-205 22	50RB#0-25RB #0	21.65	22.02	38.45	PAS S
5-5	10MHz-5MH Z	64QAM-64QA M	20500-205 72	1RB#0-0RB#0	22.05	22.42	38.45	PAS S
5-5	10MHz-5MH Z	64QAM-64QA M	20500-205 72	50RB#0-25RB #0	21.66	22.03	38.45	PAS S
5-5	10MHz-5MH Z	64QAM-64QA M	20550-206 22	1RB#0-0RB#0	22.20	22.57	38.45	PAS S
5-5	10MHz-5MH Z	64QAM-64QA M	20550-206 22	50RB#0-25RB #0	21.79	22.16	38.45	PAS S
5-5	10MHz-5MH Z	256QAM-256Q AM	20450-205 22	1RB#0-0RB#0	19.18	19.55	38.45	PAS S
5-5	10MHz-5MH Z	256QAM-256Q AM	20450-205 22	50RB#0-25RB #0	19.69	20.06	38.45	PAS S
5-5	10MHz-5MH Z	256QAM-256Q AM	20500-205 72	1RB#0-0RB#0	19.07	19.44	38.45	PAS S
5-5	10MHz-5MH Z	256QAM-256Q AM	20500-205 72	50RB#0-25RB #0	19.71	20.08	38.45	PAS S
5-5	10MHz-5MH Z	256QAM-256Q AM	20550-206 22	1RB#0-0RB#0	18.95	19.32	38.45	PAS S



5-5	10MHz-5MHz Z	256QAM-256Q AM	20550-206 22	50RB#0-25RB #0	19.78	20.15	38.45	PAS S
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	15RB#0-25RB #0	24.78	25.15	38.45	PAS S
5-5	3MHz-5MHz	QPSK-QPSK	20416-204 55	1RB#0-0RB#0	24.07	24.44	38.45	PAS S
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	15RB#0-25RB #0	24.80	25.17	38.45	PAS S
5-5	3MHz-5MHz	QPSK-QPSK	20501-205 40	1RB#0-0RB#0	23.89	24.26	38.45	PAS S
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	15RB#0-25RB #0	24.81	25.18	38.45	PAS S
5-5	3MHz-5MHz	QPSK-QPSK	20586-206 25	1RB#0-0RB#0	24.04	24.41	38.45	PAS S
5-5	3MHz-5MHz	16QAM-16QA M	20416-204 55	15RB#0-25RB #0	24.46	24.83	38.45	PAS S
5-5	3MHz-5MHz	16QAM-16QA M	20416-204 55	1RB#0-0RB#0	24.06	24.43	38.45	PAS S
5-5	3MHz-5MHz	16QAM-16QA M	20501-205 40	15RB#0-25RB #0	24.50	24.87	38.45	PAS S
5-5	3MHz-5MHz	16QAM-16QA M	20501-205 40	1RB#0-0RB#0	24.10	24.47	38.45	PAS S
5-5	3MHz-5MHz	16QAM-16QA M	20586-206 25	15RB#0-25RB #0	24.22	24.59	38.45	PAS S
5-5	3MHz-5MHz	16QAM-16QA M	20586-206 25	1RB#0-0RB#0	24.28	24.65	38.45	PAS S
5-5	3MHz-5MHz	64QAM-64QA M	20416-204 55	15RB#0-25RB #0	23.67	24.04	38.45	PAS S
5-5	3MHz-5MHz	64QAM-64QA M	20416-204 55	1RB#0-0RB#0	24.33	24.70	38.45	PAS S
5-5	3MHz-5MHz	64QAM-64QA M	20501-205 40	15RB#0-25RB #0	23.55	23.92	38.45	PAS S



5-5	3MHz-5MHz	64QAM-64QAM	20501-20540	1RB#0-0RB#0	24.20	24.57	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20586-20625	15RB#0-25RB#0	23.34	23.71	38.45	PASS
5-5	3MHz-5MHz	64QAM-64QAM	20586-20625	1RB#0-0RB#0	24.29	24.66	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20416-20455	15RB#0-25RB#0	22.81	23.18	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20416-20455	1RB#0-0RB#0	23.05	23.42	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20501-20540	15RB#0-25RB#0	22.62	22.99	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20501-20540	1RB#0-0RB#0	22.46	22.83	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20586-20625	15RB#0-25RB#0	22.39	22.76	38.45	PASS
5-5	3MHz-5MHz	256QAM-256QAM	20586-20625	1RB#0-0RB#0	22.65	23.02	38.45	PASS
5-5	5MHz-10MHz _Z	QPSK-QPSK	20428-20500	1RB#0-0RB#0	23.90	24.27	38.45	PASS
5-5	5MHz-10MHz _Z	QPSK-QPSK	20428-20500	25RB#0-50RB#0	22.65	23.02	38.45	PASS
5-5	5MHz-10MHz _Z	QPSK-QPSK	20478-20550	1RB#0-0RB#0	23.80	24.17	38.45	PASS
5-5	5MHz-10MHz _Z	QPSK-QPSK	20478-20550	25RB#0-50RB#0	22.63	23.00	38.45	PASS
5-5	5MHz-10MHz _Z	QPSK-QPSK	20528-20600	1RB#0-0RB#0	23.83	24.20	38.45	PASS
5-5	5MHz-10MHz _Z	QPSK-QPSK	20528-20600	25RB#0-50RB#0	22.68	23.05	38.45	PASS
5-5	5MHz-10MHz _Z	16QAM-16QAM	20428-20500	1RB#0-0RB#0	23.23	23.60	38.45	PASS



5-5	5MHz-10MH Z	16QAM-16QA M	20428-205 00	25RB#0-50RB #0	21.69	22.06	38.45	PAS S
5-5	5MHz-10MH Z	16QAM-16QA M	20478-205 50	1RB#0-0RB#0	23.00	23.37	38.45	PAS S
5-5	5MHz-10MH Z	16QAM-16QA M	20478-205 50	25RB#0-50RB #0	21.63	22.00	38.45	PAS S
5-5	5MHz-10MH Z	16QAM-16QA M	20528-206 00	1RB#0-0RB#0	23.08	23.45	38.45	PAS S
5-5	5MHz-10MH Z	16QAM-16QA M	20528-206 00	25RB#0-50RB #0	21.78	22.15	38.45	PAS S
5-5	5MHz-10MH Z	64QAM-64QA M	20428-205 00	1RB#0-0RB#0	22.10	22.47	38.45	PAS S
5-5	5MHz-10MH Z	64QAM-64QA M	20428-205 00	25RB#0-50RB #0	21.73	22.10	38.45	PAS S
5-5	5MHz-10MH Z	64QAM-64QA M	20478-205 50	1RB#0-0RB#0	22.14	22.51	38.45	PAS S
5-5	5MHz-10MH Z	64QAM-64QA M	20478-205 50	25RB#0-50RB #0	21.73	22.10	38.45	PAS S
5-5	5MHz-10MH Z	64QAM-64QA M	20528-206 00	1RB#0-0RB#0	22.16	22.53	38.45	PAS S
5-5	5MHz-10MH Z	64QAM-64QA M	20528-206 00	25RB#0-50RB #0	21.75	22.12	38.45	PAS S
5-5	5MHz-10MH Z	256QAM-256Q AM	20428-205 00	1RB#0-0RB#0	19.08	19.45	38.45	PAS S
5-5	5MHz-10MH Z	256QAM-256Q AM	20428-205 00	25RB#0-50RB #0	19.70	20.07	38.45	PAS S
5-5	5MHz-10MH Z	256QAM-256Q AM	20478-205 50	1RB#0-0RB#0	19.07	19.44	38.45	PAS S
5-5	5MHz-10MH Z	256QAM-256Q AM	20478-205 50	25RB#0-50RB #0	19.65	20.02	38.45	PAS S
5-5	5MHz-10MH Z	256QAM-256Q AM	20528-206 00	1RB#0-0RB#0	19.04	19.41	38.45	PAS S



5-5	5MHz-10MHz	256QAM-256QAM	20528-20600	25RB#0-50RB#0	19.78	20.15	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-20464	1RB#0-0RB#0	24.01	24.38	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20425-20464	25RB#0-15RB#0	24.72	25.09	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-20549	1RB#0-0RB#0	23.91	24.28	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20510-20549	25RB#0-15RB#0	24.80	25.17	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-20634	1RB#0-0RB#0	24.03	24.40	38.45	PASS
5-5	5MHz-3MHz	QPSK-QPSK	20595-20634	25RB#0-15RB#0	24.80	25.17	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20425-20464	1RB#0-0RB#0	24.19	24.56	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20425-20464	25RB#0-15RB#0	24.36	24.73	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20510-20549	1RB#0-0RB#0	24.13	24.50	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20510-20549	25RB#0-15RB#0	24.51	24.88	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20595-20634	1RB#0-0RB#0	24.21	24.58	38.45	PASS
5-5	5MHz-3MHz	16QAM-16QAM	20595-20634	25RB#0-15RB#0	24.14	24.51	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20425-20464	1RB#0-0RB#0	24.23	24.60	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20425-20464	25RB#0-15RB#0	23.70	24.07	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20510-20549	1RB#0-0RB#0	24.33	24.70	38.45	PASS



5-5	5MHz-3MHz	64QAM-64QAM	20510-20549	25RB#0-15RB#0	23.67	24.04	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20595-20634	1RB#0-0RB#0	24.24	24.61	38.45	PASS
5-5	5MHz-3MHz	64QAM-64QAM	20595-20634	25RB#0-15RB#0	23.20	23.57	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20425-20464	1RB#0-0RB#0	23.12	23.49	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20425-20464	25RB#0-15RB#0	22.82	23.19	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20510-20549	1RB#0-0RB#0	22.48	22.85	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20510-20549	25RB#0-15RB#0	22.62	22.99	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20595-20634	1RB#0-0RB#0	22.76	23.13	38.45	PASS
5-5	5MHz-3MHz	256QAM-256QAM	20595-20634	25RB#0-15RB#0	22.25	22.62	38.45	PASS