

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 48

1 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3552.5	55265	5	1	0	22.70	22.95	0.197
QPSK	3552.5	55265	5	1	12	22.67	22.92	0.196
QPSK	3552.5	55265	5	1	24	22.67	22.92	0.196
QPSK	3552.5	55265	5	25	0	21.67	21.92	0.156
QPSK	3625	55990	5	1	0	22.60	22.85	0.193
QPSK	3625	55990	5	1	12	22.59	22.84	0.192
QPSK	3625	55990	5	1	24	22.60	22.85	0.193
QPSK	3625	55990	5	25	0	21.61	21.86	0.153
QPSK	3697.5	56715	5	1	0	22.57	22.82	0.191
QPSK	3697.5	56715	5	1	12	22.54	22.79	0.190
QPSK	3697.5	56715	5	1	24	22.56	22.81	0.191
QPSK	3697.5	56715	5	25	0	21.59	21.84	0.153
16QAM	3552.5	55265	5	1	0	21.75	22.00	0.158
16QAM	3552.5	55265	5	1	12	21.73	21.98	0.158
16QAM	3552.5	55265	5	1	24	21.71	21.96	0.157
16QAM	3552.5	55265	5	25	0	20.68	20.93	0.124
16QAM	3625	55990	5	1	0	21.63	21.88	0.154
16QAM	3625	55990	5	1	12	21.65	21.90	0.155
16QAM	3625	55990	5	1	24	21.65	21.90	0.155
16QAM	3625	55990	5	25	0	20.62	20.87	0.122
16QAM	3697.5	56715	5	1	0	21.58	21.83	0.152
16QAM	3697.5	56715	5	1	12	21.60	21.85	0.153
16QAM	3697.5	56715	5	1	24	21.57	21.82	0.152
16QAM	3697.5	56715	5	25	0	20.60	20.85	0.122

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3555	55290	10	1	0	22.67	22.92	0.196
QPSK	3555	55290	10	1	24	22.66	22.91	0.195
QPSK	3555	55290	10	1	49	22.71	22.96	0.198
QPSK	3555	55290	10	50	0	21.70	21.95	0.157
QPSK	3625	55990	10	1	0	22.56	22.81	0.191
QPSK	3625	55990	10	1	24	22.59	22.84	0.192
QPSK	3625	55990	10	1	49	22.64	22.89	0.195
QPSK	3625	55990	10	50	0	21.66	21.91	0.155
QPSK	3695	56690	10	1	0	22.53	22.78	0.190
QPSK	3695	56690	10	1	24	22.55	22.80	0.191
QPSK	3695	56690	10	1	49	22.59	22.84	0.192
QPSK	3695	56690	10	50	0	21.62	21.87	0.154
16QAM	3555	55290	10	1	0	21.71	21.96	0.157
16QAM	3555	55290	10	1	24	21.75	22.00	0.158
16QAM	3555	55290	10	1	49	21.75	22.00	0.158
16QAM	3555	55290	10	50	0	20.73	20.98	0.125
16QAM	3625	55990	10	1	0	21.62	21.87	0.154
16QAM	3625	55990	10	1	24	21.66	21.91	0.155
16QAM	3625	55990	10	1	49	21.68	21.93	0.156
16QAM	3625	55990	10	50	0	20.67	20.92	0.124
16QAM	3695	56690	10	1	0	21.55	21.80	0.151
16QAM	3695	56690	10	1	24	21.58	21.83	0.152
16QAM	3695	56690	10	1	49	21.60	21.85	0.153
16QAM	3695	56690	10	50	0	20.64	20.89	0.123

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3557.5	55315	15	1	0	22.60	22.85	0.193
QPSK	3557.5	55315	15	1	37	22.71	22.96	0.198
QPSK	3557.5	55315	15	1	74	22.76	23.01	0.200
QPSK	3557.5	55315	15	75	0	21.73	21.98	0.158
QPSK	3625	55990	15	1	0	22.50	22.75	0.188
QPSK	3625	55990	15	1	37	22.56	22.81	0.191
QPSK	3625	55990	15	1	74	22.66	22.91	0.195
QPSK	3625	55990	15	75	0	21.60	21.85	0.153
QPSK	3692.5	56665	15	1	0	22.43	22.68	0.185
QPSK	3692.5	56665	15	1	37	22.48	22.73	0.187
QPSK	3692.5	56665	15	1	74	22.58	22.83	0.192
QPSK	3692.5	56665	15	75	0	21.59	21.84	0.153
16QAM	3557.5	55315	15	1	0	21.68	21.93	0.156
16QAM	3557.5	55315	15	1	37	21.75	22.00	0.158
16QAM	3557.5	55315	15	1	74	21.84	22.09	0.162
16QAM	3557.5	55315	15	75	0	20.71	20.96	0.125
16QAM	3625	55990	15	1	0	21.59	21.84	0.153
16QAM	3625	55990	15	1	37	21.62	21.87	0.154
16QAM	3625	55990	15	1	74	21.74	21.99	0.158
16QAM	3625	55990	15	75	0	20.63	20.88	0.122
16QAM	3692.5	56665	15	1	0	21.49	21.74	0.149
16QAM	3692.5	56665	15	1	37	21.54	21.79	0.151
16QAM	3692.5	56665	15	1	74	21.63	21.88	0.154
16QAM	3692.5	56665	15	75	0	20.60	20.85	0.122

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	3560	55340	20	1	0	22.61	22.86	0.193
QPSK	3560	55340	20	1	49	22.69	22.94	0.197
QPSK	3560	55340	20	1	99	22.77	23.02	0.200
QPSK	3560	55340	20	100	0	21.71	21.96	0.157
QPSK	3625	55990	20	1	0	22.46	22.71	0.187
QPSK	3625	55990	20	1	49	22.57	22.82	0.191
QPSK	3625	55990	20	1	99	22.69	22.94	0.197
QPSK	3625	55990	20	100	0	21.65	21.90	0.155
QPSK	3690	56640	20	1	0	22.45	22.70	0.186
QPSK	3690	56640	20	1	49	22.48	22.73	0.187
QPSK	3690	56640	20	1	99	22.58	22.83	0.192
QPSK	3560	55340	20	100	0	21.60	21.85	0.153
16QAM	3560	55340	20	1	0	21.70	21.95	0.157
16QAM	3560	55340	20	1	49	21.75	22.00	0.158
16QAM	3560	55340	20	1	99	21.80	22.05	0.160
16QAM	3625	55990	20	100	0	22.76	23.01	0.200
16QAM	3625	55990	20	1	0	21.57	21.82	0.152
16QAM	3625	55990	20	1	49	21.63	21.88	0.154
16QAM	3625	55990	20	1	99	21.72	21.97	0.157
16QAM	3690	56640	20	100	0	20.68	20.93	0.124
16QAM	3690	56640	20	1	0	21.49	21.74	0.149
16QAM	3690	56640	20	1	49	21.54	21.79	0.151
16QAM	3560	55340	20	1	99	21.62	21.87	0.154
16QAM	3560	55340	20	100	0	20.61	20.86	0.122