

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 5

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	824.7	20407	1.4	1	0	22.87	19.92	0.098
QPSK	824.7	20407	1.4	1	3	22.90	19.95	0.099
QPSK	824.7	20407	1.4	1	5	22.82	19.87	0.097
QPSK	824.7	20407	1.4	6	0	21.87	18.92	0.078
QPSK	836.5	20525	1.4	1	0	22.87	19.92	0.098
QPSK	836.5	20525	1.4	1	3	22.90	19.95	0.099
QPSK	836.5	20525	1.4	1	5	22.82	19.87	0.097
QPSK	836.5	20525	1.4	6	0	21.85	18.90	0.078
QPSK	848.3	20643	1.4	1	0	22.76	19.81	0.096
QPSK	848.3	20643	1.4	1	3	22.83	19.88	0.097
QPSK	848.3	20643	1.4	1	5	22.86	19.91	0.098
QPSK	848.3	20643	1.4	6	0	21.86	18.91	0.078
16QAM	824.7	20407	1.4	1	0	22.07	19.12	0.082
16QAM	824.7	20407	1.4	1	3	22.23	19.28	0.085
16QAM	824.7	20407	1.4	1	5	22.01	19.06	0.081
16QAM	824.7	20407	1.4	6	0	20.97	18.02	0.063
16QAM	836.5	20525	1.4	1	0	22.01	19.06	0.081
16QAM	836.5	20525	1.4	1	3	22.17	19.22	0.084
16QAM	836.5	20525	1.4	1	5	22.04	19.09	0.081
16QAM	836.5	20525	1.4	6	0	21.00	18.05	0.064
16QAM	848.3	20643	1.4	1	0	22.06	19.11	0.081
16QAM	848.3	20643	1.4	1	3	22.02	19.07	0.081
16QAM	848.3	20643	1.4	1	5	22.07	19.12	0.082
16QAM	848.3	20643	1.4	6	0	21.05	18.10	0.065

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	22.87	19.92	0.098
QPSK	825.5	20415	3	1	8	22.87	19.92	0.098
QPSK	825.5	20415	3	1	14	22.83	19.88	0.097
QPSK	825.5	20415	3	15	0	21.94	18.99	0.079
QPSK	836.5	20525	3	1	0	22.87	19.92	0.098
QPSK	836.5	20525	3	1	8	22.87	19.92	0.098
QPSK	836.5	20525	3	1	14	22.88	19.93	0.098
QPSK	836.5	20525	3	15	0	21.95	19.00	0.079
QPSK	847.5	20635	3	1	0	22.87	19.92	0.098
QPSK	847.5	20635	3	1	8	22.81	19.86	0.097
QPSK	847.5	20635	3	1	14	22.92	19.97	0.099
QPSK	847.5	20635	3	15	0	22.08	19.13	0.082
16QAM	825.5	20415	3	1	0	22.19	19.24	0.084
16QAM	825.5	20415	3	1	8	22.19	19.24	0.084
16QAM	825.5	20415	3	1	14	22.08	19.13	0.082
16QAM	825.5	20415	3	15	0	21.00	18.05	0.064
16QAM	836.5	20525	3	1	0	22.20	19.25	0.084
16QAM	836.5	20525	3	1	8	22.18	19.23	0.084
16QAM	836.5	20525	3	1	14	22.14	19.19	0.083
16QAM	836.5	20525	3	15	0	20.99	18.04	0.064
16QAM	847.5	20635	3	1	0	22.16	19.21	0.083
16QAM	847.5	20635	3	1	8	22.10	19.15	0.082
16QAM	847.5	20635	3	1	14	22.10	19.15	0.082
16QAM	847.5	20635	3	15	0	21.06	18.11	0.065

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	20425	5	1	0	22.92	19.97	0.099
QPSK	826.5	20425	5	1	12	22.86	19.91	0.098
QPSK	826.5	20425	5	1	24	22.86	19.91	0.098
QPSK	826.5	20425	5	25	0	21.96	19.01	0.080
QPSK	836.5	20525	5	1	0	22.93	19.98	0.100
QPSK	836.5	20525	5	1	12	22.88	19.93	0.098
QPSK	836.5	20525	5	1	24	22.86	19.91	0.098
QPSK	836.5	20525	5	25	0	22.00	19.05	0.080
QPSK	846.5	20625	5	1	0	22.92	19.97	0.099
QPSK	846.5	20625	5	1	12	22.88	19.93	0.098
QPSK	846.5	20625	5	1	24	22.90	19.95	0.099
QPSK	846.5	20625	5	25	0	22.08	19.13	0.082
16QAM	826.5	20425	5	1	0	22.09	19.14	0.082
16QAM	826.5	20425	5	1	12	22.10	19.15	0.082
16QAM	826.5	20425	5	1	24	22.10	19.15	0.082
16QAM	826.5	20425	5	25	0	20.97	18.02	0.063
16QAM	836.5	20525	5	1	0	22.18	19.23	0.084
16QAM	836.5	20525	5	1	12	22.27	19.32	0.086
16QAM	836.5	20525	5	1	24	22.07	19.12	0.082
16QAM	836.5	20525	5	25	0	21.00	18.05	0.064
16QAM	846.5	20625	5	1	0	22.12	19.17	0.083
16QAM	846.5	20625	5	1	12	22.15	19.20	0.083
16QAM	846.5	20625	5	1	24	22.14	19.19	0.083
16QAM	846.5	20625	5	25	0	21.06	18.11	0.065

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	20450	10	1	0	22.88	19.93	0.098
QPSK	829	20450	10	1	24	22.86	19.91	0.098
QPSK	829	20450	10	1	49	22.90	19.95	0.099
QPSK	829	20450	10	50	0	22.03	19.08	0.081
QPSK	836.5	20525	10	1	0	22.96	20.01	0.100
QPSK	836.5	20525	10	1	24	22.93	19.98	0.100
QPSK	836.5	20525	10	1	49	22.81	19.86	0.097
QPSK	836.5	20525	10	50	0	21.99	19.04	0.080
QPSK	844	20600	10	1	0	22.91	19.96	0.099
QPSK	844	20600	10	1	24	22.90	19.95	0.099
QPSK	844	20600	10	1	49	22.94	19.99	0.100
QPSK	844	20600	10	50	0	22.02	19.07	0.081
16QAM	829	20450	10	1	0	22.13	19.18	0.083
16QAM	829	20450	10	1	24	22.13	19.18	0.083
16QAM	829	20450	10	1	49	22.16	19.21	0.083
16QAM	829	20450	10	50	0	21.05	18.10	0.065
16QAM	836.5	20525	10	1	0	22.24	19.29	0.085
16QAM	836.5	20525	10	1	24	22.13	19.18	0.083
16QAM	836.5	20525	10	1	49	22.09	19.14	0.082
16QAM	836.5	20525	10	50	0	21.15	18.20	0.066
16QAM	844	20600	10	1	0	22.15	19.20	0.083
16QAM	844	20600	10	1	24	22.26	19.31	0.085
16QAM	844	20600	10	1	49	22.11	19.16	0.082
16QAM	844	20600	10	50	0	21.02	18.07	0.064