

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 26(824-849MHz)

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	26797	1.4	1	0	22.93	19.98	0.100
QPSK	824.7	26797	1.4	1	3	23.06	20.11	0.103
QPSK	824.7	26797	1.4	1	5	22.96	20.01	0.100
QPSK	824.7	26797	1.4	6	0	21.95	19.00	0.079
QPSK	836.5	26915	1.4	1	0	22.82	19.87	0.097
QPSK	836.5	26915	1.4	1	3	22.94	19.99	0.100
QPSK	836.5	26915	1.4	1	5	22.79	19.84	0.096
QPSK	836.5	26915	1.4	6	0	21.91	18.96	0.079
QPSK	848.3	27033	1.4	1	0	22.78	19.83	0.096
QPSK	848.3	27033	1.4	1	3	22.89	19.94	0.099
QPSK	848.3	27033	1.4	1	5	22.74	19.79	0.095
QPSK	848.3	27033	1.4	6	0	21.88	18.93	0.078
16QAM	824.7	26797	1.4	1	0	22.27	19.32	0.086
16QAM	824.7	26797	1.4	1	3	22.37	19.42	0.087
16QAM	824.7	26797	1.4	1	5	22.22	19.27	0.085
16QAM	824.7	26797	1.4	6	0	21.10	18.15	0.065
16QAM	836.5	26915	1.4	1	0	22.13	19.18	0.083
16QAM	836.5	26915	1.4	1	3	22.13	19.18	0.083
16QAM	836.5	26915	1.4	1	5	22.02	19.07	0.081
16QAM	836.5	26915	1.4	6	0	20.97	18.02	0.063
16QAM	848.3	27033	1.4	1	0	21.93	18.98	0.079
16QAM	848.3	27033	1.4	1	3	22.15	19.20	0.083
16QAM	848.3	27033	1.4	1	5	21.95	19.00	0.079
16QAM	848.3	27033	1.4	6	0	20.99	18.04	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	26805	3	1	0	23.01	20.06	0.101
QPSK	825.5	26805	3	1	8	22.98	20.03	0.101
QPSK	825.5	26805	3	1	14	22.91	19.96	0.099
QPSK	825.5	26805	3	15	0	22.02	19.07	0.081
QPSK	836.5	26915	3	1	0	22.95	20.00	0.100
QPSK	836.5	26915	3	1	8	22.93	19.98	0.100
QPSK	836.5	26915	3	1	14	22.90	19.95	0.099
QPSK	836.5	26915	3	15	0	21.96	19.01	0.080
QPSK	847.5	27025	3	1	0	22.90	19.95	0.099
QPSK	847.5	27025	3	1	8	22.91	19.96	0.099
QPSK	847.5	27025	3	1	14	22.81	19.86	0.097
QPSK	847.5	27025	3	15	0	21.94	18.99	0.079
16QAM	825.5	26805	3	1	0	22.30	19.35	0.086
16QAM	825.5	26805	3	1	8	22.30	19.35	0.086
16QAM	825.5	26805	3	1	14	22.20	19.25	0.084
16QAM	825.5	26805	3	15	0	21.10	18.15	0.065
16QAM	836.5	26915	3	1	0	22.30	19.35	0.086
16QAM	836.5	26915	3	1	8	22.16	19.21	0.083
16QAM	836.5	26915	3	1	14	22.08	19.13	0.082
16QAM	836.5	26915	3	15	0	20.99	18.04	0.064
16QAM	847.5	27025	3	1	0	22.21	19.26	0.084
16QAM	847.5	27025	3	1	8	22.07	19.12	0.082
16QAM	847.5	27025	3	1	14	22.05	19.10	0.081
16QAM	847.5	27025	3	15	0	20.99	18.04	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	26815	5	1	0	23.01	20.06	0.101
QPSK	826.5	26815	5	1	12	23.00	20.05	0.101
QPSK	826.5	26815	5	1	24	22.94	19.99	0.100
QPSK	826.5	26815	5	25	0	22.03	19.08	0.081
QPSK	836.5	26915	5	1	0	22.97	20.02	0.100
QPSK	836.5	26915	5	1	12	22.96	20.01	0.100
QPSK	836.5	26915	5	1	24	22.87	19.92	0.098
QPSK	836.5	26915	5	25	0	21.94	18.99	0.079
QPSK	846.5	27015	5	1	0	22.94	19.99	0.100
QPSK	846.5	27015	5	1	12	22.94	19.99	0.100
QPSK	846.5	27015	5	1	24	22.83	19.88	0.097
QPSK	846.5	27015	5	25	0	21.99	19.04	0.080
16QAM	826.5	26815	5	1	0	22.20	19.25	0.084
16QAM	826.5	26815	5	1	12	22.31	19.36	0.086
16QAM	826.5	26815	5	1	24	22.21	19.26	0.084
16QAM	826.5	26815	5	25	0	21.04	18.09	0.064
16QAM	836.5	26915	5	1	0	22.22	19.27	0.085
16QAM	836.5	26915	5	1	12	22.19	19.24	0.084
16QAM	836.5	26915	5	1	24	22.14	19.19	0.083
16QAM	836.5	26915	5	25	0	21.01	18.06	0.064
16QAM	846.5	27015	5	1	0	22.27	19.32	0.086
16QAM	846.5	27015	5	1	12	22.27	19.32	0.086
16QAM	846.5	27015	5	1	24	22.02	19.07	0.081
16QAM	846.5	27015	5	25	0	20.97	18.02	0.063

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	26840	10	1	0	23.03	20.08	0.102
QPSK	829	26840	10	1	24	22.99	20.04	0.101
QPSK	829	26840	10	1	49	22.92	19.97	0.099
QPSK	829	26840	10	50	0	22.00	19.05	0.080
QPSK	836.5	26915	10	1	0	23.00	20.05	0.101
QPSK	836.5	26915	10	1	24	22.92	19.97	0.099
QPSK	836.5	26915	10	1	49	22.92	19.97	0.099
QPSK	836.5	26915	10	50	0	21.99	19.04	0.080
QPSK	844	26990	10	1	0	23.00	20.05	0.101
QPSK	844	26990	10	1	24	22.94	19.99	0.100
QPSK	844	26990	10	1	49	22.80	19.85	0.097
QPSK	844	26990	10	50	0	22.03	19.08	0.081
16QAM	829	26840	10	1	0	22.40	19.45	0.088
16QAM	829	26840	10	1	24	22.23	19.28	0.085
16QAM	829	26840	10	1	49	22.26	19.31	0.085
16QAM	829	26840	10	50	0	21.01	18.06	0.064
16QAM	836.5	26915	10	1	0	22.27	19.32	0.086
16QAM	836.5	26915	10	1	24	22.17	19.22	0.084
16QAM	836.5	26915	10	1	49	22.12	19.17	0.083
16QAM	836.5	26915	10	50	0	21.03	18.08	0.064
16QAM	844	26990	10	1	0	22.22	19.27	0.085
16QAM	844	26990	10	1	24	22.25	19.30	0.085
16QAM	844	26990	10	1	49	22.06	19.11	0.081
16QAM	844	26990	10	50	0	21.03	18.08	0.064

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	831.5	26865	15	1	0	23.03	20.08	0.102
QPSK	831.5	26865	15	1	37	23.01	20.06	0.101
QPSK	831.5	26865	15	1	74	22.91	19.96	0.099
QPSK	831.5	26865	15	75	0	22.02	19.07	0.081
QPSK	836.5	26915	15	1	0	23.04	20.09	0.102
QPSK	836.5	26915	15	1	37	22.95	20.00	0.100
QPSK	836.5	26915	15	1	74	22.94	19.99	0.100
QPSK	836.5	26915	15	75	0	22.00	19.05	0.080
QPSK	841.5	26965	15	1	0	22.99	20.04	0.101
QPSK	841.5	26965	15	1	37	23.01	20.06	0.101
QPSK	841.5	26965	15	1	74	22.91	19.96	0.099
QPSK	841.5	26965	15	75	0	21.97	19.02	0.080
16QAM	831.5	26865	15	1	0	22.31	19.36	0.086
16QAM	831.5	26865	15	1	37	22.37	19.42	0.087
16QAM	831.5	26865	15	1	74	22.12	19.17	0.083
16QAM	831.5	26865	15	75	0	21.04	18.09	0.064
16QAM	836.5	26915	15	1	0	22.29	19.34	0.086
16QAM	836.5	26915	15	1	37	22.28	19.33	0.086
16QAM	836.5	26915	15	1	74	22.16	19.21	0.083
16QAM	836.5	26915	15	75	0	20.99	18.04	0.064
16QAM	841.5	26965	15	1	0	22.31	19.36	0.086
16QAM	841.5	26965	15	1	37	22.28	19.33	0.086
16QAM	841.5	26965	15	1	74	22.06	19.11	0.081
16QAM	841.5	26965	15	75	0	20.95	18.00	0.063