

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 41

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	2498.5	39675	5	1	0	23.04	26.04	0.402
QPSK	2498.5	39675	5	1	12	23.08	26.08	0.406
QPSK	2498.5	39675	5	1	24	23.03	26.03	0.401
QPSK	2498.5	39675	5	25	0	22.12	25.12	0.325
QPSK	2593	40620	5	1	0	22.95	25.95	0.394
QPSK	2593	40620	5	1	12	22.96	25.96	0.394
QPSK	2593	40620	5	1	24	22.97	25.97	0.395
QPSK	2593	40620	5	25	0	22.01	25.01	0.317
QPSK	2687.5	41565	5	1	0	22.85	25.85	0.385
QPSK	2687.5	41565	5	1	12	22.77	25.77	0.378
QPSK	2687.5	41565	5	1	24	22.77	25.77	0.378
QPSK	2687.5	41565	5	25	0	21.88	24.88	0.308
16QAM	2498.5	39675	5	1	0	22.11	25.11	0.324
16QAM	2498.5	39675	5	1	12	22.12	25.12	0.325
16QAM	2498.5	39675	5	1	24	22.10	25.10	0.324
16QAM	2498.5	39675	5	25	0	21.13	24.13	0.259
16QAM	2593	40620	5	1	0	22.05	25.05	0.320
16QAM	2593	40620	5	1	12	22.03	25.03	0.318
16QAM	2593	40620	5	1	24	22.05	25.05	0.320
16QAM	2593	40620	5	25	0	21.05	24.05	0.254
16QAM	2687.5	41565	5	1	0	21.83	24.83	0.304
16QAM	2687.5	41565	5	1	12	21.80	24.80	0.302
16QAM	2687.5	41565	5	1	24	21.82	24.82	0.303
16QAM	2687.5	41565	5	25	0	20.86	23.86	0.243

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2501	39700	10	1	0	23.14	26.14	0.411
QPSK	2501	39700	10	1	24	23.13	26.13	0.410
QPSK	2501	39700	10	1	49	23.16	26.16	0.413
QPSK	2501	39700	10	50	0	22.24	25.24	0.334
QPSK	2593	40620	10	1	0	22.99	25.99	0.397
QPSK	2593	40620	10	1	24	22.99	25.99	0.397
QPSK	2593	40620	10	1	49	23.00	26.00	0.398
QPSK	2593	40620	10	50	0	22.04	25.04	0.319
QPSK	2685	41540	10	1	0	22.85	25.85	0.385
QPSK	2685	41540	10	1	24	22.83	25.83	0.383
QPSK	2685	41540	10	1	49	22.78	25.78	0.378
QPSK	2685	41540	10	50	0	21.93	24.93	0.311
16QAM	2501	39700	10	1	0	22.21	25.21	0.332
16QAM	2501	39700	10	1	24	22.19	25.19	0.330
16QAM	2501	39700	10	1	49	22.16	25.16	0.328
16QAM	2501	39700	10	50	0	21.26	24.26	0.267
16QAM	2593	40620	10	1	0	22.07	25.07	0.321
16QAM	2593	40620	10	1	24	22.04	25.04	0.319
16QAM	2593	40620	10	1	49	22.05	25.05	0.320
16QAM	2593	40620	10	50	0	21.10	24.10	0.257
16QAM	2685	41540	10	1	0	21.86	24.86	0.306
16QAM	2685	41540	10	1	24	21.85	24.85	0.305
16QAM	2685	41540	10	1	49	21.84	24.84	0.305
16QAM	2685	41540	10	50	0	20.93	23.93	0.247

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2503.5	39725	15	1	0	23.08	26.08	0.406
QPSK	2503.5	39725	15	1	37	23.03	26.03	0.401
QPSK	2503.5	39725	15	1	74	23.09	26.09	0.406
QPSK	2503.5	39725	15	75	0	22.15	25.15	0.327
QPSK	2593	40620	15	1	0	22.98	25.98	0.396
QPSK	2593	40620	15	1	37	22.97	25.97	0.395
QPSK	2593	40620	15	1	74	23.01	26.01	0.399
QPSK	2593	40620	15	75	0	22.03	25.03	0.318
QPSK	2682.5	41515	15	1	0	22.81	25.81	0.381
QPSK	2682.5	41515	15	1	37	22.82	25.82	0.382
QPSK	2682.5	41515	15	1	74	22.78	25.78	0.378
QPSK	2682.5	41515	15	75	0	21.88	24.88	0.308
16QAM	2503.5	39725	15	1	0	22.13	25.13	0.326
16QAM	2503.5	39725	15	1	37	22.11	25.11	0.324
16QAM	2503.5	39725	15	1	74	22.14	25.14	0.327
16QAM	2503.5	39725	15	75	0	21.17	24.17	0.261
16QAM	2593	40620	15	1	0	22.09	25.09	0.323
16QAM	2593	40620	15	1	37	22.05	25.05	0.320
16QAM	2593	40620	15	1	74	22.08	25.08	0.322
16QAM	2593	40620	15	75	0	21.11	24.11	0.258
16QAM	2682.5	41515	15	1	0	21.82	24.82	0.303
16QAM	2682.5	41515	15	1	37	21.84	24.84	0.305
16QAM	2682.5	41515	15	1	74	21.81	24.81	0.303
16QAM	2682.5	41515	15	75	0	20.90	23.90	0.245

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2506	39750	20	1	0	23.09	26.09	0.406
QPSK	2506	39750	20	1	49	23.10	26.10	0.407
QPSK	2506	39750	20	1	99	23.15	26.15	0.412
QPSK	2506	39750	20	100	0	22.23	25.23	0.333
QPSK	2593	40620	20	1	0	22.96	25.96	0.394
QPSK	2593	40620	20	1	49	22.97	25.97	0.395
QPSK	2593	40620	20	1	99	22.92	25.92	0.391
QPSK	2593	40620	20	100	0	22.06	25.06	0.321
QPSK	2680	41490	20	1	0	22.92	25.92	0.391
QPSK	2680	41490	20	1	49	22.81	25.81	0.381
QPSK	2680	41490	20	1	99	22.78	25.78	0.378
QPSK	2680	41490	20	100	0	21.92	24.92	0.310
16QAM	2506	39750	20	1	0	22.17	25.17	0.329
16QAM	2506	39750	20	1	49	22.18	25.18	0.330
16QAM	2506	39750	20	1	99	22.16	25.16	0.328
16QAM	2506	39750	20	100	0	21.23	24.23	0.265
16QAM	2593	40620	20	1	0	22.05	25.05	0.320
16QAM	2593	40620	20	1	49	22.03	25.03	0.318
16QAM	2593	40620	20	1	99	22.04	25.04	0.319
16QAM	2593	40620	20	100	0	21.08	24.08	0.256
16QAM	2680	41490	20	1	0	21.86	24.86	0.306
16QAM	2680	41490	20	1	49	21.85	24.85	0.305
16QAM	2680	41490	20	1	99	21.79	24.79	0.301
16QAM	2680	41490	20	100	0	20.94	23.94	0.248