

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 7

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	2502.5	20775	5	1	0	22.87	25.87	0.386
QPSK	2502.5	20775	5	1	12	22.87	25.87	0.386
QPSK	2502.5	20775	5	1	24	22.80	25.80	0.380
QPSK	2502.5	20775	5	25	0	21.84	24.84	0.305
QPSK	2535	21100	5	1	0	22.87	25.87	0.386
QPSK	2535	21100	5	1	12	22.91	25.91	0.390
QPSK	2535	21100	5	1	24	22.89	25.89	0.388
QPSK	2535	21100	5	25	0	21.95	24.95	0.313
QPSK	2567.5	21425	5	1	0	22.99	25.99	0.397
QPSK	2567.5	21425	5	1	12	23.00	26.00	0.398
QPSK	2567.5	21425	5	1	24	23.01	26.01	0.399
QPSK	2567.5	21425	5	25	0	22.04	25.04	0.319
16QAM	2502.5	20775	5	1	0	22.16	25.16	0.328
16QAM	2502.5	20775	5	1	12	22.22	25.22	0.333
16QAM	2502.5	20775	5	1	24	22.10	25.10	0.324
16QAM	2502.5	20775	5	25	0	20.85	23.85	0.243
16QAM	2535	21100	5	1	0	22.11	25.11	0.324
16QAM	2535	21100	5	1	12	22.07	25.07	0.321
16QAM	2535	21100	5	1	24	22.12	25.12	0.325
16QAM	2535	21100	5	25	0	20.98	23.98	0.250
16QAM	2567.5	21425	5	1	0	22.27	25.27	0.337
16QAM	2567.5	21425	5	1	12	22.30	25.30	0.339
16QAM	2567.5	21425	5	1	24	22.26	25.26	0.336
16QAM	2567.5	21425	5	25	0	21.09	24.09	0.256

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2505	20800	10	1	0	22.75	25.75	0.376
QPSK	2505	20800	10	1	24	22.80	25.80	0.380
QPSK	2505	20800	10	1	49	22.85	25.85	0.385
QPSK	2505	20800	10	50	0	21.88	24.88	0.308
QPSK	2535	21100	10	1	0	22.86	25.86	0.385
QPSK	2535	21100	10	1	24	22.88	25.88	0.387
QPSK	2535	21100	10	1	49	22.90	25.90	0.389
QPSK	2535	21100	10	50	0	21.96	24.96	0.313
QPSK	2565	21400	10	1	0	22.99	25.99	0.397
QPSK	2565	21400	10	1	24	22.98	25.98	0.396
QPSK	2565	21400	10	1	49	23.05	26.05	0.403
QPSK	2565	21400	10	50	0	22.09	25.09	0.323
16QAM	2505	20800	10	1	0	22.07	25.07	0.321
16QAM	2505	20800	10	1	24	22.05	25.05	0.320
16QAM	2505	20800	10	1	49	22.02	25.02	0.318
16QAM	2505	20800	10	50	0	20.87	23.87	0.244
16QAM	2535	21100	10	1	0	22.17	25.17	0.329
16QAM	2535	21100	10	1	24	22.20	25.20	0.331
16QAM	2535	21100	10	1	49	22.10	25.10	0.324
16QAM	2535	21100	10	50	0	21.01	24.01	0.252
16QAM	2565	21400	10	1	0	22.22	25.22	0.333
16QAM	2565	21400	10	1	24	22.35	25.35	0.343
16QAM	2565	21400	10	1	49	22.34	25.34	0.342
16QAM	2565	21400	10	50	0	21.08	24.08	0.256

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2507.5	20825	15	1	0	22.79	25.79	0.379
QPSK	2507.5	20825	15	1	37	22.81	25.81	0.381
QPSK	2507.5	20825	15	1	74	22.90	25.90	0.389
QPSK	2507.5	20825	15	75	0	21.91	24.91	0.310
QPSK	2535	21100	15	1	0	22.88	25.88	0.387
QPSK	2535	21100	15	1	37	22.85	25.85	0.385
QPSK	2535	21100	15	1	74	22.93	25.93	0.392
QPSK	2535	21100	15	75	0	21.97	24.97	0.314
QPSK	2562.5	21375	15	1	0	23.06	26.06	0.404
QPSK	2562.5	21375	15	1	37	23.03	26.03	0.401
QPSK	2562.5	21375	15	1	74	23.07	26.07	0.405
QPSK	2562.5	21375	15	75	0	22.07	25.07	0.321
16QAM	2507.5	20825	15	1	0	22.03	25.03	0.318
16QAM	2507.5	20825	15	1	37	22.20	25.20	0.331
16QAM	2507.5	20825	15	1	74	22.29	25.29	0.338
16QAM	2507.5	20825	15	75	0	20.90	23.90	0.245
16QAM	2535	21100	15	1	0	22.13	25.13	0.326
16QAM	2535	21100	15	1	37	22.19	25.19	0.330
16QAM	2535	21100	15	1	74	22.23	25.23	0.333
16QAM	2535	21100	15	75	0	21.01	24.01	0.252
16QAM	2562.5	21375	15	1	0	22.22	25.22	0.333
16QAM	2562.5	21375	15	1	37	22.25	25.25	0.335
16QAM	2562.5	21375	15	1	74	22.34	25.34	0.342
16QAM	2562.5	21375	15	75	0	21.08	24.08	0.256

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2510	20850	20	1	0	22.80	25.80	0.380
QPSK	2510	20850	20	1	49	22.88	25.88	0.387
QPSK	2510	20850	20	1	99	22.89	25.89	0.388
QPSK	2510	20850	20	100	0	21.91	24.91	0.310
QPSK	2535	21100	20	1	0	22.84	25.84	0.384
QPSK	2535	21100	20	1	49	22.85	25.85	0.385
QPSK	2535	21100	20	1	99	22.84	25.84	0.384
QPSK	2535	21100	20	100	0	21.94	24.94	0.312
QPSK	2560	21350	20	1	0	23.05	26.05	0.403
QPSK	2560	21350	20	1	49	23.01	26.01	0.399
QPSK	2560	21350	20	1	99	22.99	25.99	0.397
QPSK	2560	21350	20	100	0	22.08	25.08	0.322
16QAM	2510	20850	20	1	0	22.08	25.08	0.322
16QAM	2510	20850	20	1	49	22.20	25.20	0.331
16QAM	2510	20850	20	1	99	22.15	25.15	0.327
16QAM	2510	20850	20	100	0	20.88	23.88	0.244
16QAM	2535	21100	20	1	0	22.16	25.16	0.328
16QAM	2535	21100	20	1	49	22.12	25.12	0.325
16QAM	2535	21100	20	1	99	22.17	25.17	0.329
16QAM	2535	21100	20	100	0	20.97	23.97	0.249
16QAM	2560	21350	20	1	0	22.34	25.34	0.342
16QAM	2560	21350	20	1	49	22.22	25.22	0.333
16QAM	2560	21350	20	1	99	22.23	25.23	0.333
16QAM	2560	21350	20	100	0	21.10	24.10	0.257