

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 2

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	1850.7	18607	1.4	1	0	22.80	26.30	0.427
QPSK	1850.7	18607	1.4	1	3	22.75	26.25	0.422
QPSK	1850.7	18607	1.4	1	5	22.69	26.19	0.416
QPSK	1850.7	18607	1.4	6	0	21.69	25.19	0.330
QPSK	1880	18900	1.4	1	0	22.60	26.10	0.407
QPSK	1880	18900	1.4	1	3	22.77	26.27	0.424
QPSK	1880	18900	1.4	1	5	22.61	26.11	0.408
QPSK	1880	18900	1.4	6	0	21.68	25.18	0.330
QPSK	1909.3	19193	1.4	1	0	22.98	26.48	0.445
QPSK	1909.3	19193	1.4	1	3	23.09	26.59	0.456
QPSK	1909.3	19193	1.4	1	5	22.96	26.46	0.443
QPSK	1909.3	19193	1.4	6	0	22.21	25.71	0.372
16QAM	1850.7	18607	1.4	1	0	22.12	25.62	0.365
16QAM	1850.7	18607	1.4	1	3	22.29	25.79	0.379
16QAM	1850.7	18607	1.4	1	5	21.97	25.47	0.352
16QAM	1850.7	18607	1.4	6	0	20.85	24.35	0.272
16QAM	1880	18900	1.4	1	0	21.85	25.35	0.343
16QAM	1880	18900	1.4	1	3	21.99	25.49	0.354
16QAM	1880	18900	1.4	1	5	21.99	25.49	0.354
16QAM	1880	18900	1.4	6	0	20.76	24.26	0.267
16QAM	1909.3	19193	1.4	1	0	22.36	25.86	0.385
16QAM	1909.3	19193	1.4	1	3	22.29	25.79	0.379
16QAM	1909.3	19193	1.4	1	5	22.48	25.98	0.396
16QAM	1909.3	19193	1.4	6	0	21.29	24.79	0.301

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1851.5	18615	3	1	0	22.78	26.28	0.425
QPSK	1851.5	18615	3	1	8	22.80	26.30	0.427
QPSK	1851.5	18615	3	1	14	22.78	26.28	0.425
QPSK	1851.5	18615	3	15	0	21.82	25.32	0.340
QPSK	1880	18900	3	1	0	22.79	26.29	0.426
QPSK	1880	18900	3	1	8	22.81	26.31	0.428
QPSK	1880	18900	3	1	14	22.78	26.28	0.425
QPSK	1880	18900	3	15	0	21.87	25.37	0.344
QPSK	1908.5	19185	3	1	0	23.06	26.56	0.453
QPSK	1908.5	19185	3	1	8	23.26	26.76	0.474
QPSK	1908.5	19185	3	1	14	23.17	26.67	0.465
QPSK	1908.5	19185	3	15	0	22.25	25.75	0.376
16QAM	1851.5	18615	3	1	0	22.08	25.58	0.361
16QAM	1851.5	18615	3	1	8	22.21	25.71	0.372
16QAM	1851.5	18615	3	1	14	22.13	25.63	0.366
16QAM	1851.5	18615	3	15	0	20.86	24.36	0.273
16QAM	1880	18900	3	1	0	22.02	25.52	0.356
16QAM	1880	18900	3	1	8	22.19	25.69	0.371
16QAM	1880	18900	3	1	14	22.05	25.55	0.359
16QAM	1880	18900	3	15	0	20.93	24.43	0.277
16QAM	1908.5	19185	3	1	0	22.50	26.00	0.398
16QAM	1908.5	19185	3	1	8	22.42	25.92	0.391
16QAM	1908.5	19185	3	1	14	22.42	25.92	0.391
16QAM	1908.5	19185	3	15	0	21.36	24.86	0.306

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1852.5	18625	5	1	0	22.88	26.38	0.435
QPSK	1852.5	18625	5	1	12	22.81	26.31	0.428
QPSK	1852.5	18625	5	1	24	22.85	26.35	0.432
QPSK	1852.5	18625	5	25	0	21.87	25.37	0.344
QPSK	1880	18900	5	1	0	22.86	26.36	0.433
QPSK	1880	18900	5	1	12	22.85	26.35	0.432
QPSK	1880	18900	5	1	24	22.88	26.38	0.435
QPSK	1880	18900	5	25	0	21.84	25.34	0.342
QPSK	1907.5	19175	5	1	0	23.26	26.76	0.474
QPSK	1907.5	19175	5	1	12	23.21	26.71	0.469
QPSK	1907.5	19175	5	1	24	23.16	26.66	0.463
QPSK	1907.5	19175	5	25	0	22.25	25.75	0.376
16QAM	1852.5	18625	5	1	0	22.08	25.58	0.361
16QAM	1852.5	18625	5	1	12	22.12	25.62	0.365
16QAM	1852.5	18625	5	1	24	22.15	25.65	0.367
16QAM	1852.5	18625	5	25	0	20.91	24.41	0.276
16QAM	1880	18900	5	1	0	22.22	25.72	0.373
16QAM	1880	18900	5	1	12	22.20	25.70	0.372
16QAM	1880	18900	5	1	24	22.14	25.64	0.366
16QAM	1880	18900	5	25	0	20.94	24.44	0.278
16QAM	1907.5	19175	5	1	0	22.52	26.02	0.400
16QAM	1907.5	19175	5	1	12	22.52	26.02	0.400
16QAM	1907.5	19175	5	1	24	22.41	25.91	0.390
16QAM	1907.5	19175	5	25	0	21.33	24.83	0.304

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1855	18650	10	1	0	22.79	26.29	0.426
QPSK	1855	18650	10	1	24	22.85	26.35	0.432
QPSK	1855	18650	10	1	49	22.82	26.32	0.429
QPSK	1855	18650	10	50	0	21.84	25.34	0.342
QPSK	1880	18900	10	1	0	22.85	26.35	0.432
QPSK	1880	18900	10	1	24	22.88	26.38	0.435
QPSK	1880	18900	10	1	49	22.86	26.36	0.433
QPSK	1880	18900	10	50	0	21.94	25.44	0.350
QPSK	1905	19150	10	1	0	23.07	26.57	0.454
QPSK	1905	19150	10	1	24	23.15	26.65	0.462
QPSK	1905	19150	10	1	49	23.20	26.70	0.468
QPSK	1905	19150	10	50	0	22.29	25.79	0.379
16QAM	1855	18650	10	1	0	22.16	25.66	0.368
16QAM	1855	18650	10	1	24	22.15	25.65	0.367
16QAM	1855	18650	10	1	49	22.14	25.64	0.366
16QAM	1855	18650	10	50	0	20.92	24.42	0.277
16QAM	1880	18900	10	1	0	22.11	25.61	0.364
16QAM	1880	18900	10	1	24	22.24	25.74	0.375
16QAM	1880	18900	10	1	49	22.21	25.71	0.372
16QAM	1880	18900	10	50	0	20.96	24.46	0.279
16QAM	1905	19150	10	1	0	22.43	25.93	0.392
16QAM	1905	19150	10	1	24	22.56	26.06	0.404
16QAM	1905	19150	10	1	49	22.44	25.94	0.393
16QAM	1905	19150	10	50	0	21.30	24.80	0.302

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1857.5	18675	15	1	0	22.81	26.31	0.428
QPSK	1857.5	18675	15	1	37	22.82	26.32	0.429
QPSK	1857.5	18675	15	1	74	22.79	26.29	0.426
QPSK	1857.5	18675	15	75	0	21.90	25.40	0.347
QPSK	1880	18900	15	1	0	22.78	26.28	0.425
QPSK	1880	18900	15	1	37	22.87	26.37	0.434
QPSK	1880	18900	15	1	74	22.92	26.42	0.439
QPSK	1880	18900	15	75	0	21.92	25.42	0.348
QPSK	1902.5	19125	15	1	0	23.11	26.61	0.458
QPSK	1902.5	19125	15	1	37	23.22	26.72	0.470
QPSK	1902.5	19125	15	1	74	23.18	26.68	0.466
QPSK	1902.5	19125	15	75	0	22.22	25.72	0.373
16QAM	1857.5	18675	15	1	0	22.11	25.61	0.364
16QAM	1857.5	18675	15	1	37	22.17	25.67	0.369
16QAM	1857.5	18675	15	1	74	22.15	25.65	0.367
16QAM	1857.5	18675	15	75	0	20.90	24.40	0.275
16QAM	1880	18900	15	1	0	22.07	25.57	0.361
16QAM	1880	18900	15	1	37	22.11	25.61	0.364
16QAM	1880	18900	15	1	74	22.33	25.83	0.383
16QAM	1880	18900	15	75	0	20.98	24.48	0.281
16QAM	1902.5	19125	15	1	0	22.47	25.97	0.395
16QAM	1902.5	19125	15	1	37	22.44	25.94	0.393
16QAM	1902.5	19125	15	1	74	22.48	25.98	0.396
16QAM	1902.5	19125	15	75	0	21.29	24.79	0.301

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1860	18700	20	1	0	22.77	26.27	0.424
QPSK	1860	18700	20	1	49	22.84	26.34	0.431
QPSK	1860	18700	20	1	99	22.69	26.19	0.416
QPSK	1860	18700	20	100	0	21.79	25.29	0.338
QPSK	1880	18900	20	1	0	22.73	26.23	0.420
QPSK	1880	18900	20	1	49	22.87	26.37	0.434
QPSK	1880	18900	20	1	99	22.86	26.36	0.433
QPSK	1880	18900	20	100	0	21.92	25.42	0.348
QPSK	1900	19100	20	1	0	23.08	26.58	0.455
QPSK	1900	19100	20	1	49	23.20	26.70	0.468
QPSK	1900	19100	20	1	99	23.23	26.73	0.471
QPSK	1900	19100	20	100	0	22.34	25.84	0.384
16QAM	1860	18700	20	1	0	22.01	25.51	0.356
16QAM	1860	18700	20	1	49	22.17	25.67	0.369
16QAM	1860	18700	20	1	99	22.00	25.50	0.355
16QAM	1860	18700	20	100	0	20.79	24.29	0.269
16QAM	1880	18900	20	1	0	22.06	25.56	0.360
16QAM	1880	18900	20	1	49	22.12	25.62	0.365
16QAM	1880	18900	20	1	99	22.23	25.73	0.374
16QAM	1880	18900	20	100	0	20.95	24.45	0.279
16QAM	1900	19100	20	1	0	22.36	25.86	0.385
16QAM	1900	19100	20	1	49	22.40	25.90	0.389
16QAM	1900	19100	20	1	99	22.51	26.01	0.399
16QAM	1900	19100	20	100	0	21.35	24.85	0.305