

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 25

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	22.83	26.33	0.430
QPSK	1850.7	18607	1.4	1	3	22.94	26.44	0.441
QPSK	1850.7	18607	1.4	1	5	22.88	26.38	0.435
QPSK	1850.7	18607	1.4	6	0	21.94	25.44	0.350
QPSK	1882.5	26365	1.4	1	0	22.76	26.26	0.423
QPSK	1882.5	26365	1.4	1	3	22.93	26.43	0.440
QPSK	1882.5	26365	1.4	1	5	22.79	26.29	0.426
QPSK	1882.5	26365	1.4	6	0	21.83	25.33	0.341
QPSK	1914.3	26683	1.4	1	0	22.74	26.24	0.421
QPSK	1914.3	26683	1.4	1	3	22.79	26.29	0.426
QPSK	1914.3	26683	1.4	1	5	22.74	26.24	0.421
QPSK	1914.3	26683	1.4	6	0	21.89	25.39	0.346
16QAM	1850.7	18607	1.4	1	0	22.16	25.66	0.368
16QAM	1850.7	18607	1.4	1	3	22.39	25.89	0.388
16QAM	1850.7	18607	1.4	1	5	22.23	25.73	0.374
16QAM	1850.7	18607	1.4	6	0	21.10	24.60	0.288
16QAM	1882.5	26365	1.4	1	0	22.13	25.63	0.366
16QAM	1882.5	26365	1.4	1	3	22.31	25.81	0.381
16QAM	1882.5	26365	1.4	1	5	22.16	25.66	0.368
16QAM	1882.5	26365	1.4	6	0	20.97	24.47	0.280
16QAM	1914.3	26683	1.4	1	0	22.01	25.51	0.356
16QAM	1914.3	26683	1.4	1	3	22.07	25.57	0.361
16QAM	1914.3	26683	1.4	1	5	21.85	25.35	0.343
16QAM	1914.3	26683	1.4	6	0	20.96	24.46	0.279

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	22.93	26.43	0.440
QPSK	1851.5	18615	3	1	8	22.97	26.47	0.444
QPSK	1851.5	18615	3	1	14	22.97	26.47	0.444
QPSK	1851.5	18615	3	15	0	22.01	25.51	0.356
QPSK	1882.5	26365	3	1	0	22.86	26.36	0.433
QPSK	1882.5	26365	3	1	8	22.91	26.41	0.438
QPSK	1882.5	26365	3	1	14	22.89	26.39	0.436
QPSK	1882.5	26365	3	15	0	21.94	25.44	0.350
QPSK	1913.5	26675	3	1	0	22.83	26.33	0.430
QPSK	1913.5	26675	3	1	8	22.83	26.33	0.430
QPSK	1913.5	26675	3	1	14	22.77	26.27	0.424
QPSK	1913.5	26675	3	15	0	22.02	25.52	0.356
16QAM	1851.5	18615	3	1	0	22.25	25.75	0.376
16QAM	1851.5	18615	3	1	8	22.35	25.85	0.385
16QAM	1851.5	18615	3	1	14	22.22	25.72	0.373
16QAM	1851.5	18615	3	15	0	21.06	24.56	0.286
16QAM	1882.5	26365	3	1	0	22.21	25.71	0.372
16QAM	1882.5	26365	3	1	8	22.21	25.71	0.372
16QAM	1882.5	26365	3	1	14	22.27	25.77	0.378
16QAM	1882.5	26365	3	15	0	21.00	24.50	0.282
16QAM	1913.5	26675	3	1	0	22.06	25.56	0.360
16QAM	1913.5	26675	3	1	8	22.03	25.53	0.357
16QAM	1913.5	26675	3	1	14	21.95	25.45	0.351
16QAM	1913.5	26675	3	15	0	20.93	24.43	0.277

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	22.96	26.46	0.443
QPSK	1852.5	18625	5	1	12	22.97	26.47	0.444
QPSK	1852.5	18625	5	1	24	22.96	26.46	0.443
QPSK	1852.5	18625	5	25	0	21.99	25.49	0.354
QPSK	1882.5	26365	5	1	0	22.92	26.42	0.439
QPSK	1882.5	26365	5	1	12	22.83	26.33	0.430
QPSK	1882.5	26365	5	1	24	22.96	26.46	0.443
QPSK	1882.5	26365	5	25	0	21.95	25.45	0.351
QPSK	1912.5	26665	5	1	0	22.81	26.31	0.428
QPSK	1912.5	26665	5	1	12	22.86	26.36	0.433
QPSK	1912.5	26665	5	1	24	22.75	26.25	0.422
QPSK	1912.5	26665	5	25	0	21.98	25.48	0.353
16QAM	1852.5	18625	5	1	0	22.35	25.85	0.385
16QAM	1852.5	18625	5	1	12	22.31	25.81	0.381
16QAM	1852.5	18625	5	1	24	22.36	25.86	0.385
16QAM	1852.5	18625	5	25	0	21.08	24.58	0.287
16QAM	1882.5	26365	5	1	0	22.19	25.69	0.371
16QAM	1882.5	26365	5	1	12	22.33	25.83	0.383
16QAM	1882.5	26365	5	1	24	22.33	25.83	0.383
16QAM	1882.5	26365	5	25	0	20.98	24.48	0.281
16QAM	1912.5	26665	5	1	0	22.14	25.64	0.366
16QAM	1912.5	26665	5	1	12	22.10	25.60	0.363
16QAM	1912.5	26665	5	1	24	21.97	25.47	0.352
16QAM	1912.5	26665	5	25	0	20.93	24.43	0.277

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	22.95	26.45	0.442
QPSK	1855	18650	10	1	24	23.01	26.51	0.448
QPSK	1855	18650	10	1	49	22.96	26.46	0.443
QPSK	1855	18650	10	50	0	22.03	25.53	0.357
QPSK	1882.5	26365	10	1	0	22.87	26.37	0.434
QPSK	1882.5	26365	10	1	24	22.91	26.41	0.438
QPSK	1882.5	26365	10	1	49	22.92	26.42	0.439
QPSK	1882.5	26365	10	50	0	21.96	25.46	0.352
QPSK	1910	26640	10	1	0	22.87	26.37	0.434
QPSK	1910	26640	10	1	24	22.83	26.33	0.430
QPSK	1910	26640	10	1	49	22.81	26.31	0.428
QPSK	1910	26640	10	50	0	21.98	25.48	0.353
16QAM	1855	18650	10	1	0	22.32	25.82	0.382
16QAM	1855	18650	10	1	24	22.29	25.79	0.379
16QAM	1855	18650	10	1	49	22.27	25.77	0.378
16QAM	1855	18650	10	50	0	21.04	24.54	0.284
16QAM	1882.5	26365	10	1	0	22.21	25.71	0.372
16QAM	1882.5	26365	10	1	24	22.35	25.85	0.385
16QAM	1882.5	26365	10	1	49	22.34	25.84	0.384
16QAM	1882.5	26365	10	50	0	21.02	24.52	0.283
16QAM	1910	26640	10	1	0	22.17	25.67	0.369
16QAM	1910	26640	10	1	24	22.24	25.74	0.375
16QAM	1910	26640	10	1	49	22.08	25.58	0.361
16QAM	1910	26640	10	50	0	21.02	24.52	0.283

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	22.91	26.41	0.438
QPSK	1857.5	18675	15	1	37	22.92	26.42	0.439
QPSK	1857.5	18675	15	1	74	22.87	26.37	0.434
QPSK	1857.5	18675	15	75	0	21.93	25.43	0.349
QPSK	1882.5	26365	15	1	0	22.84	26.34	0.431
QPSK	1882.5	26365	15	1	37	22.94	26.44	0.441
QPSK	1882.5	26365	15	1	74	22.91	26.41	0.438
QPSK	1882.5	26365	15	75	0	21.95	25.45	0.351
QPSK	1907.5	26615	15	1	0	22.73	26.23	0.420
QPSK	1907.5	26615	15	1	37	22.87	26.37	0.434
QPSK	1907.5	26615	15	1	74	22.79	26.29	0.426
QPSK	1907.5	26615	15	75	0	21.93	25.43	0.349
16QAM	1857.5	18675	15	1	0	22.30	25.80	0.380
16QAM	1857.5	18675	15	1	37	22.33	25.83	0.383
16QAM	1857.5	18675	15	1	74	22.17	25.67	0.369
16QAM	1857.5	18675	15	75	0	20.98	24.48	0.281
16QAM	1882.5	26365	15	1	0	22.14	25.64	0.366
16QAM	1882.5	26365	15	1	37	22.20	25.70	0.372
16QAM	1882.5	26365	15	1	74	22.23	25.73	0.374
16QAM	1882.5	26365	15	75	0	21.02	24.52	0.283
16QAM	1907.5	26615	15	1	0	22.11	25.61	0.364
16QAM	1907.5	26615	15	1	37	22.32	25.82	0.382
16QAM	1907.5	26615	15	1	74	22.09	25.59	0.362
16QAM	1907.5	26615	15	75	0	20.96	24.46	0.279

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	22.92	26.42	0.439
QPSK	1860	18700	20	1	49	23.00	26.50	0.447
QPSK	1860	18700	20	1	99	22.81	26.31	0.428
QPSK	1860	18700	20	100	0	21.95	25.45	0.351
QPSK	1882.5	26365	20	1	0	22.88	26.38	0.435
QPSK	1882.5	26365	20	1	49	22.96	26.46	0.443
QPSK	1882.5	26365	20	1	99	22.93	26.43	0.440
QPSK	1882.5	26365	20	100	0	21.99	25.49	0.354
QPSK	1905	26590	20	1	0	22.85	26.35	0.432
QPSK	1905	26590	20	1	49	22.84	26.34	0.431
QPSK	1905	26590	20	1	99	22.81	26.31	0.428
QPSK	1905	26590	20	100	0	22.01	25.51	0.356
16QAM	1860	18700	20	1	0	22.24	25.74	0.375
16QAM	1860	18700	20	1	49	22.31	25.81	0.381
16QAM	1860	18700	20	1	99	22.13	25.63	0.366
16QAM	1860	18700	20	100	0	20.97	24.47	0.280
16QAM	1882.5	26365	20	1	0	22.21	25.71	0.372
16QAM	1882.5	26365	20	1	49	22.14	25.64	0.366
16QAM	1882.5	26365	20	1	99	22.34	25.84	0.384
16QAM	1882.5	26365	20	100	0	20.99	24.49	0.281
16QAM	1905	26590	20	1	0	22.07	25.57	0.361
16QAM	1905	26590	20	1	49	22.09	25.59	0.362
16QAM	1905	26590	20	1	99	21.94	25.44	0.350
16QAM	1905	26590	20	100	0	21.03	24.53	0.284