

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 66

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	1710.7	131979	1.4	1	0	22.85	25.45	0.351
QPSK	1710.7	131979	1.4	1	3	22.92	25.52	0.356
QPSK	1710.7	131979	1.4	1	5	22.95	25.55	0.359
QPSK	1710.7	131979	1.4	6	0	22.02	24.62	0.290
QPSK	1755	132422	1.4	1	0	22.93	25.53	0.357
QPSK	1755	132422	1.4	1	3	22.98	25.58	0.361
QPSK	1755	132422	1.4	1	5	22.91	25.51	0.356
QPSK	1755	132422	1.4	6	0	21.97	24.57	0.286
QPSK	1779.3	132665	1.4	1	0	22.89	25.49	0.354
QPSK	1779.3	132665	1.4	1	3	22.97	25.57	0.361
QPSK	1779.3	132665	1.4	1	5	22.93	25.53	0.357
QPSK	1779.3	132665	1.4	6	0	22.02	24.62	0.290
16QAM	1710.7	131979	1.4	1	0	22.25	24.85	0.305
16QAM	1710.7	131979	1.4	1	3	22.35	24.95	0.313
16QAM	1710.7	131979	1.4	1	5	22.27	24.87	0.307
16QAM	1710.7	131979	1.4	6	0	21.16	23.76	0.238
16QAM	1755	132422	1.4	1	0	22.31	24.91	0.310
16QAM	1755	132422	1.4	1	3	22.46	25.06	0.321
16QAM	1755	132422	1.4	1	5	22.25	24.85	0.305
16QAM	1755	132422	1.4	6	0	21.13	23.73	0.236
16QAM	1779.3	132665	1.4	1	0	22.19	24.79	0.301
16QAM	1779.3	132665	1.4	1	3	22.30	24.90	0.309
16QAM	1779.3	132665	1.4	1	5	22.12	24.72	0.296
16QAM	1779.3	132665	1.4	6	0	21.07	23.67	0.233

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1711.5	131987	3	1	0	22.90	25.50	0.355
QPSK	1711.5	131987	3	1	8	22.93	25.53	0.357
QPSK	1711.5	131987	3	1	14	23.01	25.61	0.364
QPSK	1711.5	131987	3	15	0	22.12	24.72	0.296
QPSK	1755	132422	3	1	0	22.96	25.56	0.360
QPSK	1755	132422	3	1	8	23.01	25.61	0.364
QPSK	1755	132422	3	1	14	22.96	25.56	0.360
QPSK	1755	132422	3	15	0	22.06	24.66	0.292
QPSK	1778.5	132657	3	1	0	23.02	25.62	0.365
QPSK	1778.5	132657	3	1	8	22.96	25.56	0.360
QPSK	1778.5	132657	3	1	14	22.99	25.59	0.362
QPSK	1778.5	132657	3	15	0	22.05	24.65	0.292
16QAM	1711.5	131987	3	1	0	22.31	24.91	0.310
16QAM	1711.5	131987	3	1	8	22.31	24.91	0.310
16QAM	1711.5	131987	3	1	14	22.34	24.94	0.312
16QAM	1711.5	131987	3	15	0	21.14	23.74	0.237
16QAM	1755	132422	3	1	0	22.36	24.96	0.313
16QAM	1755	132422	3	1	8	22.43	25.03	0.318
16QAM	1755	132422	3	1	14	22.27	24.87	0.307
16QAM	1755	132422	3	15	0	21.14	23.74	0.237
16QAM	1778.5	132657	3	1	0	22.23	24.83	0.304
16QAM	1778.5	132657	3	1	8	22.26	24.86	0.306
16QAM	1778.5	132657	3	1	14	22.30	24.90	0.309
16QAM	1778.5	132657	3	15	0	21.07	23.67	0.233

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1712.5	131997	5	1	0	22.93	25.53	0.357
QPSK	1712.5	131997	5	1	12	23.04	25.64	0.366
QPSK	1712.5	131997	5	1	24	23.00	25.60	0.363
QPSK	1712.5	131997	5	25	0	22.11	24.71	0.296
QPSK	1755	132422	5	1	0	23.02	25.62	0.365
QPSK	1755	132422	5	1	12	23.00	25.60	0.363
QPSK	1755	132422	5	1	24	23.04	25.64	0.366
QPSK	1755	132422	5	25	0	22.04	24.64	0.291
QPSK	1777.5	132647	5	1	0	22.93	25.53	0.357
QPSK	1777.5	132647	5	1	12	22.99	25.59	0.362
QPSK	1777.5	132647	5	1	24	22.91	25.51	0.356
QPSK	1777.5	132647	5	25	0	22.03	24.63	0.290
16QAM	1712.5	131997	5	1	0	22.33	24.93	0.311
16QAM	1712.5	131997	5	1	12	22.45	25.05	0.320
16QAM	1712.5	131997	5	1	24	22.31	24.91	0.310
16QAM	1712.5	131997	5	25	0	21.16	23.76	0.238
16QAM	1755	132422	5	1	0	22.29	24.89	0.308
16QAM	1755	132422	5	1	12	22.42	25.02	0.318
16QAM	1755	132422	5	1	24	22.41	25.01	0.317
16QAM	1755	132422	5	25	0	21.13	23.73	0.236
16QAM	1777.5	132647	5	1	0	22.31	24.91	0.310
16QAM	1777.5	132647	5	1	12	22.22	24.82	0.303
16QAM	1777.5	132647	5	1	24	22.26	24.86	0.306
16QAM	1777.5	132647	5	25	0	21.07	23.67	0.233

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1715	132022	10	1	0	22.95	25.55	0.359
QPSK	1715	132022	10	1	24	23.12	25.72	0.373
QPSK	1715	132022	10	1	49	23.10	25.70	0.372
QPSK	1715	132022	10	50	0	22.11	24.71	0.296
QPSK	1755	132422	10	1	0	23.01	25.61	0.364
QPSK	1755	132422	10	1	24	23.09	25.69	0.371
QPSK	1755	132422	10	1	49	23.07	25.67	0.369
QPSK	1755	132422	10	50	0	22.07	24.67	0.293
QPSK	1775	132622	10	1	0	22.99	25.59	0.362
QPSK	1775	132622	10	1	24	23.04	25.64	0.366
QPSK	1775	132622	10	1	49	22.95	25.55	0.359
QPSK	1775	132622	10	50	0	22.01	24.61	0.289
16QAM	1715	132022	10	1	0	22.33	24.93	0.311
16QAM	1715	132022	10	1	24	22.36	24.96	0.313
16QAM	1715	132022	10	1	49	22.46	25.06	0.321
16QAM	1715	132022	10	50	0	21.15	23.75	0.237
16QAM	1755	132422	10	1	0	22.44	25.04	0.319
16QAM	1755	132422	10	1	24	22.35	24.95	0.313
16QAM	1755	132422	10	1	49	22.30	24.90	0.309
16QAM	1755	132422	10	50	0	21.12	23.72	0.236
16QAM	1775	132622	10	1	0	22.35	24.95	0.313
16QAM	1775	132622	10	1	24	22.34	24.94	0.312
16QAM	1775	132622	10	1	49	22.34	24.94	0.312
16QAM	1775	132622	10	50	0	21.10	23.70	0.234

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	15	1	0	22.94	25.54	0.358
QPSK	1717.5	132047	15	1	37	23.07	25.67	0.369
QPSK	1717.5	132047	15	1	74	23.02	25.62	0.365
QPSK	1717.5	132047	15	75	0	22.02	24.62	0.290
QPSK	1755	132422	15	1	0	22.93	25.53	0.357
QPSK	1755	132422	15	1	37	23.05	25.65	0.367
QPSK	1755	132422	15	1	74	23.07	25.67	0.369
QPSK	1755	132422	15	75	0	22.06	24.66	0.292
QPSK	1772.5	132597	15	1	0	22.88	25.48	0.353
QPSK	1772.5	132597	15	1	37	23.01	25.61	0.364
QPSK	1772.5	132597	15	1	74	23.01	25.61	0.364
QPSK	1772.5	132597	15	75	0	22.02	24.62	0.290
16QAM	1717.5	132047	15	1	0	22.27	24.87	0.307
16QAM	1717.5	132047	15	1	37	22.44	25.04	0.319
16QAM	1717.5	132047	15	1	74	22.25	24.85	0.305
16QAM	1717.5	132047	15	75	0	21.09	23.69	0.234
16QAM	1755	132422	15	1	0	22.27	24.87	0.307
16QAM	1755	132422	15	1	37	22.32	24.92	0.310
16QAM	1755	132422	15	1	74	22.28	24.88	0.308
16QAM	1755	132422	15	75	0	21.09	23.69	0.234
16QAM	1772.5	132597	15	1	0	22.21	24.81	0.303
16QAM	1772.5	132597	15	1	37	22.30	24.90	0.309
16QAM	1772.5	132597	15	1	74	22.33	24.93	0.311
16QAM	1772.5	132597	15	75	0	21.03	23.63	0.231

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	1717.5	132047	20	1	0	22.96	25.56	0.360
QPSK	1717.5	132047	20	1	49	23.07	25.67	0.369
QPSK	1717.5	132047	20	1	99	22.99	25.59	0.362
QPSK	1717.5	132047	20	100	0	22.04	24.64	0.291
QPSK	1755	132422	20	1	0	23.00	25.60	0.363
QPSK	1755	132422	20	1	49	23.07	25.67	0.369
QPSK	1755	132422	20	1	99	23.02	25.62	0.365
QPSK	1755	132422	20	100	0	22.07	24.67	0.293
QPSK	1772.5	132597	20	1	0	22.88	25.48	0.353
QPSK	1772.5	132597	20	1	49	23.01	25.61	0.364
QPSK	1772.5	132597	20	1	99	22.97	25.57	0.361
QPSK	1772.5	132597	20	100	0	21.99	24.59	0.288
16QAM	1717.5	132047	20	1	0	22.27	24.87	0.307
16QAM	1717.5	132047	20	1	49	22.35	24.95	0.313
16QAM	1717.5	132047	20	1	99	22.41	25.01	0.317
16QAM	1717.5	132047	20	100	0	21.08	23.68	0.233
16QAM	1755	132422	20	1	0	22.36	24.96	0.313
16QAM	1755	132422	20	1	49	22.43	25.03	0.318
16QAM	1755	132422	20	1	99	22.36	24.96	0.313
16QAM	1755	132422	20	100	0	21.07	23.67	0.233
16QAM	1772.5	132597	20	1	0	22.14	24.74	0.298
16QAM	1772.5	132597	20	1	49	22.35	24.95	0.313
16QAM	1772.5	132597	20	1	99	22.30	24.90	0.309
16QAM	1772.5	132597	20	100	0	21.01	23.61	0.230