

APPENDIX B – TEST DATA OF RADIATED EMISSION

LTE band 2

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band2	QPSK	1.4	18607	1#0	23.96	0.249
Band2	QPSK	1.4	18900	1#0	23.99	0.251
Band2	QPSK	1.4	19193	1#0	23.95	0.248
Band2	16QAM	1.4	18607	1#0	23.01	0.200
Band2	16QAM	1.4	18900	1#0	22.92	0.196
Band2	16QAM	1.4	19193	1#0	22.94	0.197
Band2	QPSK	3	18615	1#0	23.95	0.248
Band2	QPSK	3	18900	1#0	23.98	0.250
Band2	QPSK	3	19185	1#0	23.92	0.247
Band2	16QAM	3	18615	1#0	22.95	0.197
Band2	16QAM	3	18900	1#0	22.98	0.199
Band2	16QAM	3	19185	1#0	22.92	0.196
Band2	QPSK	5	18625	1#0	23.91	0.246
Band2	QPSK	5	18900	1#0	23.99	0.251
Band2	QPSK	5	19175	1#0	23.92	0.247
Band2	16QAM	5	18625	1#0	22.96	0.198
Band2	16QAM	5	18900	1#0	23.00	0.200
Band2	16QAM	5	19175	1#0	22.93	0.196
Band2	QPSK	10	18650	1#0	23.98	0.250
Band2	QPSK	10	18900	1#0	24.00	0.251
Band2	QPSK	10	19150	1#0	23.95	0.248
Band2	16QAM	10	18650	1#0	22.94	0.197
Band2	16QAM	10	18900	1#0	22.94	0.197
Band2	16QAM	10	19150	1#0	22.90	0.195
Band2	QPSK	15	18675	1#0	23.91	0.246
Band2	QPSK	15	18900	1#0	24.00	0.251
Band2	QPSK	15	19125	1#0	23.95	0.248
Band2	16QAM	15	18675	1#0	22.98	0.199
Band2	16QAM	15	18900	1#0	22.95	0.197
Band2	16QAM	15	19125	1#0	22.88	0.194
Band2	QPSK	20	18700	1#0	23.90	0.245
Band2	QPSK	20	18900	1#0	24.02	0.252
Band2	QPSK	20	19100	1#0	23.90	0.245
Band2	16QAM	20	18700	1#0	22.99	0.199
Band2	16QAM	20	18900	1#0	22.98	0.199
Band2	16QAM	20	19100	1#0	22.94	0.197

Test result:

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.97	-48.52	-13	Vertical
2778.24	-47.75	-13	Vertical
3726.32	-41.17	-13	Vertical
6677.05	-39.55	-13	Vertical
9961.82	-36.79	-13	Vertical
17820.87	-33.69	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.29	-48.54	-13	Vertical
2781.37	-47.25	-13	Vertical
3724.55	-41.16	-13	Vertical
6676.06	-39.70	-13	Vertical
9961.18	-37.52	-13	Vertical
17821.91	-34.01	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.93	-48.85	-13	Vertical
2779.72	-46.96	-13	Vertical
3727.93	-41.32	-13	Vertical
6678.29	-39.98	-13	Vertical
9959.90	-36.88	-13	Vertical
17819.62	-33.82	-13	Vertical

LTE band 5

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band5	QPSK	1.4	20407	1#0	21.18	0.131
Band5	QPSK	1.4	20525	1#0	21.14	0.130
Band5	QPSK	1.4	20643	1#0	21.07	0.128
Band5	16QAM	1.4	20407	1#0	20.22	0.105
Band5	16QAM	1.4	20525	1#0	19.99	0.100
Band5	16QAM	1.4	20643	1#0	20.25	0.106
Band5	QPSK	3	20415	1#0	20.92	0.124
Band5	QPSK	3	20525	1#0	21.21	0.132
Band5	QPSK	3	20635	1#0	21.14	0.130
Band5	16QAM	3	20415	1#0	20.20	0.105
Band5	16QAM	3	20525	1#0	20.58	0.114
Band5	16QAM	3	20635	1#0	20.34	0.108
Band5	QPSK	5	20425	1#0	21.01	0.126
Band5	QPSK	5	20525	1#0	20.94	0.124
Band5	QPSK	5	20625	1#0	21.08	0.128
Band5	16QAM	5	20425	1#0	20.22	0.105
Band5	16QAM	5	20525	1#0	20.04	0.101
Band5	16QAM	5	20625	1#0	20.29	0.107
Band5	QPSK	10	20450	1#0	21.61	0.145
Band5	QPSK	10	20525	1#0	21.63	0.146
Band5	QPSK	10	20600	1#0	21.70	0.148
Band5	16QAM	10	20450	1#0	20.81	0.121
Band5	16QAM	10	20525	1#0	20.51	0.112
Band5	16QAM	10	20600	1#0	20.76	0.119

Test result:
Channel 20450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.54	-52.82	-13	Vertical
1666.17	-50.99	-13	Vertical
2533.85	-44.30	-13	Vertical
2577.52	-43.84	-13	Vertical
8964.65	-39.74	-13	Vertical
9970.14	-36.26	-13	Vertical

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.63	-52.76	-13	Vertical
1666.24	-51.14	-13	Vertical
2535.49	-44.72	-13	Vertical
2577.45	-44.37	-13	Vertical
8960.97	-39.23	-13	Vertical
9971.96	-35.96	-13	Vertical

Channel 20600

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.89	-53.31	-13	Vertical
1665.16	-50.96	-13	Vertical
2532.55	-44.07	-13	Vertical
2578.84	-44.27	-13	Vertical
8961.89	-39.56	-13	Vertical
9970.72	-36.49	-13	Vertical

LTE band 7

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band7	QPSK	5	20775	1#0	20.81	0.121
Band7	QPSK	5	21100	1#0	20.78	0.120
Band7	QPSK	5	21425	1#0	20.84	0.121
Band7	16QAM	5	20775	1#0	19.81	0.096
Band7	16QAM	5	21100	1#0	19.80	0.095
Band7	16QAM	5	21425	1#0	19.80	0.095
Band7	QPSK	10	20800	1#0	20.77	0.119
Band7	QPSK	10	21100	1#0	20.83	0.121
Band7	QPSK	10	21400	1#0	20.79	0.120
Band7	16QAM	10	20800	1#0	19.81	0.096
Band7	16QAM	10	21100	1#0	19.83	0.096
Band7	16QAM	10	21400	1#0	19.77	0.095
Band7	QPSK	15	20825	1#0	20.80	0.120
Band7	QPSK	15	21100	1#0	20.76	0.119
Band7	QPSK	15	21375	1#0	20.89	0.123
Band7	16QAM	15	20825	1#0	19.84	0.096
Band7	16QAM	15	21100	1#0	19.79	0.095
Band7	16QAM	15	21375	1#0	19.82	0.096
Band7	QPSK	20	20850	1#0	20.83	0.121
Band7	QPSK	20	21100	1#0	20.78	0.120
Band7	QPSK	20	21350	1#0	20.84	0.121
Band7	16QAM	20	20850	1#0	19.86	0.097
Band7	16QAM	20	21100	1#0	19.83	0.096
Band7	16QAM	20	21350	1#0	19.83	0.096

Test result:

Channel 20850

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.39	-49.42	-25	Vertical
2780.57	-47.17	-25	Vertical
3728.35	-41.30	-25	Vertical
6676.69	-39.16	-25	Vertical
9962.95	-37.07	-25	Vertical
17820.98	-34.37	-25	Vertical

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.79	-49.05	-25	Vertical
2779.73	-47.65	-25	Vertical
3724.72	-41.18	-25	Vertical
6678.16	-39.41	-25	Vertical
9960.60	-36.77	-25	Vertical
17819.78	-33.90	-25	Vertical

Channel 21350

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2457.87	-49.39	-25	Vertical
2778.90	-47.10	-25	Vertical
3725.31	-40.55	-25	Vertical
6676.14	-39.32	-25	Vertical
9963.20	-36.95	-25	Vertical
17821.88	-34.02	-25	Vertical

LTE band 26

Test result:

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band26	QPSK	1.4	26797	1#0	20.94	0.124
Band26	QPSK	1.4	26915	1#0	20.96	0.125
Band26	QPSK	1.4	27033	1#0	20.89	0.123
Band26	16QAM	1.4	26797	1#0	20.03	0.101
Band26	16QAM	1.4	26915	1#0	20.23	0.105
Band26	16QAM	1.4	27033	1#0	20.09	0.102
Band26	QPSK	3	26805	1#0	20.81	0.121
Band26	QPSK	3	26915	1#0	20.87	0.122
Band26	QPSK	3	27025	1#0	20.88	0.122
Band26	16QAM	3	26805	1#0	19.96	0.099
Band26	16QAM	3	26915	1#0	20.11	0.103
Band26	16QAM	3	27025	1#0	20.12	0.103
Band26	QPSK	5	26815	1#0	21.03	0.127
Band26	QPSK	5	26915	1#0	21.02	0.126
Band26	QPSK	5	27015	1#0	20.95	0.124
Band26	16QAM	5	26815	1#0	20.11	0.103
Band26	16QAM	5	26915	1#0	20.33	0.108
Band26	16QAM	5	27015	1#0	20.19	0.104
Band26	QPSK	10	26840	1#0	21.10	0.129
Band26	QPSK	10	26915	1#0	21.10	0.129
Band26	QPSK	10	26990	1#0	21.05	0.127
Band26	16QAM	10	26840	1#0	20.20	0.105
Band26	16QAM	10	26915	1#0	20.41	0.110
Band26	16QAM	10	26990	1#0	20.23	0.105

Test result:
Channel 26797

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.91	-53.18	-13	Vertical
1668.66	-51.39	-13	Vertical
2536.21	-44.01	-13	Vertical
2577.56	-44.65	-13	Vertical
8963.95	-39.59	-13	Vertical
9971.66	-36.59	-13	Vertical

Channel 26915

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.00	-52.55	-13	Vertical
1665.51	-51.68	-13	Vertical
2535.78	-44.44	-13	Vertical
2576.36	-43.73	-13	Vertical
8962.95	-39.93	-13	Vertical
9973.40	-36.31	-13	Vertical

Channel 26965

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.35	-52.73	-13	Vertical
1668.57	-51.27	-13	Vertical
2533.03	-44.01	-13	Vertical
2578.73	-43.93	-13	Vertical
8961.95	-39.73	-13	Vertical
9971.37	-36.33	-13	Vertical

---End of the test report---