

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Spurious Emissions

Note: The worst channel results are reflected in the report.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan.

LTE band 2

Test result:

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3742.031250	-39.94	-13	Vertical
5613.281250	-47.69	-13	Vertical
7484.531250	-53.30	-13	Vertical
9355.312500	-54.44	-13	Vertical
11208.281250	-57.58	-13	Vertical
14571.093750	-50.74	-13	Vertical

LTE band 4

Test result:

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3446.718750	-66.03	-13	Vertical
5170.781250	-57.01	-13	Vertical
6894.375000	-58.15	-13	Vertical
8617.968750	-42.45	-13	Vertical
12065.156250	-51.12	-13	Vertical
16865.156250	-48.72	-13	Vertical

LTE band 5

Test result:

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3328.148438	-61.92	-13	Vertical
4159.945313	-60.41	-13	Vertical
5854.921875	-57.75	-13	Vertical
6446.625000	-57.53	-13	Vertical
8320.453125	-52.56	-13	Vertical
11515.710938	-54.96	-13	Vertical

LTE band 7

Test result:
Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3293.906250	-61.12	-25	Vertical
5051.718750	-50.51	-25	Vertical
6806.718750	-57.13	-25	Vertical
10103.906250	-55.36	-25	Vertical
12630.937500	-55.03	-25	Vertical
14810.156250	-51.08	-25	Vertical

LTE band 12
Test result:
Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2812.000000	-62.22	-13	Vertical
3515.000000	-62.92	-13	Vertical
4341.000000	-60.92	-13	Vertical
6481.000000	-58.37	-13	Vertical
10440.500000	-56.38	-13	Vertical
15137.500000	-50.09	-13	Vertical

LTE band 13
Test result:
Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.000000	-72.34	-40	Vertical
1564.000000	-71.44	-40	Vertical
1569.000000	-72.60	-40	Vertical
3109.992188	-56.03	-13	Vertical
3887.859375	-59.04	-13	Vertical
4787.601563	-60.28	-13	Vertical
7776.281250	-57.74	-13	Vertical
9331.101563	-56.89	-13	Vertical
11146.429688	-57.50	-13	Vertical

LTE band 17
Test result:
Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2839.843750	-64.65	-13	Vertical
3199.968750	-62.48	-13	Vertical

4765.101563	-60.50	-13	Vertical
6458.226563	-57.64	-13	Vertical
8365.679688	-57.45	-13	Vertical
10574.804688	-56.06	-13	Vertical

LTE band 26

Test result:

Channel 26740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2443.437500	-56.73	-13	Vertical
3258.085938	-58.84	-13	Vertical
4073.070313	-60.74	-13	Vertical
6459.570313	-58.25	-13	Vertical
7687.421875	-58.17	-13	Vertical
10382.312500	-55.81	-13	Vertical

LTE band 28

Test result:

Channel 27460

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2876.000000	-58.53	-13	Vertical
3200.000000	-62.78	-13	Vertical
4113.500000	-62.53	-13	Vertical
5911.000000	-58.99	-13	Vertical
6454.000000	-58.39	-13	Vertical
10422.000000	-55.62	-13	Vertical

LTE band 66

Test result:

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2443.437500	-56.73	-13	Vertical
3258.085938	-58.84	-13	Vertical
4073.070313	-60.74	-13	Vertical
6459.570313	-58.25	-13	Vertical
7687.421875	-58.17	-13	Vertical
10382.312500	-55.81	-13	Vertical

LTE band 38

Test result:
Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3557.812500	-62.89	-13	Vertical
5172.187500	-49.86	-13	Vertical
7758.281250	-53.77	-13	Vertical
10343.906250	-52.45	-13	Vertical
12930.468750	-48.83	-13	Vertical
16912.500000	-43.81	-13	Vertical

LTE band 7 (UL: CA_7C)

Test result:
Channel 21001+21199 (20MHz QPSK+20MHz 16QAM)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
5052.187500	-50.04	-25	Vertical
7504.218750	-58.16	-25	Vertical
8746.406250	-55.42	-25	Vertical
10771.406250	-55.84	-25	Vertical
13515.468750	-51.68	-25	Vertical
15223.125000	-50.32	-25	Vertical

---The end of the test report---