

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
7103.437500	-57.65	-13.00	Vertical
8647.500000	-56.56	-13.00	Vertical
10395.468750	-56.34	-13.00	Vertical
12083.437500	-56.15	-13.00	Vertical
15037.500000	-51.70	-13.00	Vertical
17925.468750	-45.04	-13.00	Vertical

LTE band 4

Test result:

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8585.156250	-56.49	-13.00	Vertical
10396.406250	-56.47	-13.00	Vertical
10763.906250	-56.07	-13.00	Vertical
14540.156250	-51.68	-13.00	Vertical
16807.968750	-45.12	-13.00	Vertical
17924.062500	-44.95	-13.00	Vertical

LTE band 5

Test result:

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1010.312500	-65.81	-13.00	Vertical
1027.937500	-65.89	-13.00	Vertical
1029.875000	-65.47	-13.00	Vertical
1664.125000	-66.28	-13.00	Vertical
2496.312500	-65.07	-13.00	Vertical
2942.875000	-65.07	-13.00	Vertical

LTE band 7

Test result:

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8463.750000	-56.55	-25.00	Vertical
10104.375000	-56.05	-25.00	Vertical
11478.281250	-56.23	-25.00	Vertical
14770.312500	-51.48	-25.00	Vertical
16799.062500	-45.31	-25.00	Vertical
17926.875000	-44.69	-25.00	Vertical

LTE band 12

Test result:

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1571.437500	-69.12	-13.00	Vertical
1911.812500	-68.17	-13.00	Vertical
1933.937500	-68.87	-13.00	Vertical
2329.062500	-67.87	-13.00	Vertical
2685.312500	-68.30	-13.00	Vertical
2752.375000	-66.91	-13.00	Vertical
1571.437500	-69.12	-13.00	Vertical
1911.812500	-68.17	-13.00	Vertical
1933.937500	-68.87	-13.00	Vertical

LTE band 13

Test result:

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.000000	-70.26	-40	Vertical
1564.000000	-72.43	-40	Vertical
1569.000000	-70.96	-40	Vertical
1010.000000	-64.94	-13.00	Vertical
1011.125000	-63.98	-13.00	Vertical
1011.875000	-65.08	-13.00	Vertical
1013.125000	-65.64	-13.00	Vertical
2332.750000	-60.39	-13.00	Vertical
2979.000000	-65.16	-13.00	Vertical

LTE band 26

Test result:

Channel 26740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1008.125000	-66.26	-13.00	Vertical
1014.062500	-65.33	-13.00	Vertical
1014.437500	-65.55	-13.00	Vertical
1026.937500	-66.21	-13.00	Vertical
1029.312500	-65.88	-13.00	Vertical
2943.125000	-64.98	-13.00	Vertical

LTE band 28

Test result:

Channel 27460

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1008.937500	-65.99	-13.00	Vertical
1013.312500	-67.42	-13.00	Vertical
1025.500000	-67.44	-13.00	Vertical
1944.875000	-67.44	-13.00	Vertical
2535.812500	-66.58	-13.00	Vertical
2946.625000	-64.58	-13.00	Vertical

LTE band 38

Test result:

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8623.125000	-56.39	-25.00	Vertical
10392.187500	-55.80	-25.00	Vertical
10773.750000	-56.15	-25.00	Vertical
14768.437500	-51.28	-25.00	Vertical
16853.437500	-44.85	-25.00	Vertical
17890.781250	-44.63	-25.00	Vertical

LTE band 66

Test result:

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
7148.437500	-57.14	-13.00	Vertical
8417.343750	-56.32	-13.00	Vertical
10391.250000	-56.05	-13.00	Vertical
11387.812500	-55.93	-13.00	Vertical
14601.093750	-51.28	-13.00	Vertical
17925.937500	-43.92	-13.00	Vertical

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