

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	-45.62	-13	Vertical
5613.281250	-43.78	-13	Vertical
7484.062500	-51.50	-13	Vertical
9355.312500	-45.83	-13	Vertical
13440.468750	-52.37	-13	Vertical
17277.656250	-44.14	-13	Vertical

LTE band 4

Test result:

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3446.718750	-60.57	-13	Vertical
5170.781250	-51.70	-13	Vertical
6893.906250	-53.16	-13	Vertical
8617.968750	-43.31	-13	Vertical
14575.312500	-51.39	-13	Vertical
17273.906250	-43.91	-13	Vertical

LTE band 5

Test result:

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2496.500000	-62.78	-13	Vertical
3355.000000	-63.10	-13	Vertical
4887.500000	-56.42	-13	Vertical
6886.000000	-56.92	-13	Vertical
10398.000000	-54.99	-13	Vertical
11138.000000	-55.99	-13	Vertical

LTE band 7

Test result:

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
5075.625000	-56.89	-25	Vertical
6467.343750	-58.07	-25	Vertical
8655.000000	-55.76	-25	Vertical
10140.000000	-51.32	-25	Vertical
14590.312500	-51.41	-25	Vertical
17272.968750	-43.87	-25	Vertical

LTE band 12

Test result:

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2812.000000	-55.52	-13	Vertical
3515.500000	-64.68	-13	Vertical
4949.000000	-62.35	-13	Vertical
5632.000000	-59.45	-13	Vertical
6938.000000	-57.56	-13	Vertical
8834.000000	-56.83	-13	Vertical

LTE band 13

Test result:

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.000000	-72.46	-40	Vertical
1564.000000	-71.49	-40	Vertical
1569.000000	-72.19	-40	Vertical
2332.500000	-67.31	-13	Vertical
3926.000000	-64.30	-13	Vertical
4886.000000	-56.05	-13	Vertical
6871.000000	-57.94	-13	Vertical
8422.500000	-57.69	-13	Vertical
9767.000000	-56.48	-13	Vertical

LTE band 28

Test result:

Channel 27460

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2876.125000	-42.95	-13	Vertical
3355.507813	-63.04	-13	Vertical

4885.367188	-56.44	-13	Vertical
6900.992188	-57.06	-13	Vertical
8974.398438	-56.02	-13	Vertical
10430.015625	-55.32	-13	Vertical

LTE band 66

Test result:

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3472.000000	-61.90	-13	Vertical
5208.000000	-57.46	-13	Vertical
6944.000000	-50.61	-13	Vertical
10407.000000	-55.35	-13	Vertical
13463.000000	-51.62	-13	Vertical
3472.000000	-61.90	-13	Vertical

LTE band 38

Test result:

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3624.375000	-63.00	-13	Vertical
5183.906250	-52.85	-13	Vertical
6443.906250	-57.99	-13	Vertical
10380.000000	-53.80	-13	Vertical
14561.718750	-51.43	-13	Vertical
17272.031250	-43.79	-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
7404.218750	-56.16	-25	Vertical
8746.906250	-55.42	-25	Vertical
10271.406250	-57.84	-25	Vertical
13315.468750	-51.68	-25	Vertical
14223.125000	-55.32	-25	Vertical

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