

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
4338.281250	-62.95	-13.00	Vertical
5873.437500	-60.55	-13.00	Vertical
7128.750000	-58.35	-13.00	Vertical
8737.968750	-55.88	-13.00	Vertical
11926.875000	-56.84	-13.00	Vertical
14542.500000	-51.59	-13.00	Vertical

LTE band 3

Test result:

Channel 19575

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4253.906250	-64.05	-13.00	Vertical
5352.656250	-62.81	-13.00	Vertical
7191.093750	-59.08	-13.00	Vertical
8585.156250	-58.53	-13.00	Vertical
11880.937500	-58.54	-13.00	Vertical
14479.687500	-51.54	-13.00	Vertical

LTE band 4

Test result:

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3958.125000	-64.61	-13.00	Vertical
4777.031250	-61.10	-13.00	Vertical
5993.437500	-60.37	-13.00	Vertical
8799.843750	-56.47	-13.00	Vertical
11230.312500	-58.08	-13.00	Vertical
15033.750000	-51.69	-13.00	Vertical

LTE band 5

Test result:
Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1664.218750	-54.99	-13.00	Vertical
2001.718750	-70.18	-13.00	Vertical
2496.093750	-60.89	-13.00	Vertical
3328.125000	-64.19	-13.00	Vertical
4160.468750	-45.13	-13.00	Vertical
4992.343750	-52.90	-13.00	Vertical

LTE band 7
Test result:
Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
3857.343750	-65.97	-25.00	Vertical
4919.062500	-61.98	-25.00	Vertical
6456.562500	-60.80	-25.00	Vertical
8813.437500	-56.71	-25.00	Vertical
13582.968750	-54.28	-25.00	Vertical
16939.218750	-47.11	-25.00	Vertical

LTE band 8
Test result:
Channel 21625

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1373.593750	-71.91	-13.00	Vertical
1786.093750	-33.32	-13.00	Vertical
2679.218750	-20.68	-13.00	Vertical
3572.343750	-37.09	-13.00	Vertical
4465.625000	-31.26	-13.00	Vertical
5358.437500	-41.48	-13.00	Vertical

LTE band 12

Test result:

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1406.093750	-46.17	-13.00	Vertical
1814.375000	-69.09	-13.00	Vertical
2812.343750	-60.52	-13.00	Vertical
3515.468750	-54.45	-13.00	Vertical
4218.750000	-54.93	-13.00	Vertical
5624.531250	-58.18	-13.00	Vertical

LTE band 13

Test result:

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.000000	-72.14	-40	Vertical
1564.000000	-70.56	-40	Vertical
1569.000000	-70.99	-40	Vertical
1636.406250	-69.68	-13.00	Vertical
2163.906250	-70.24	-13.00	Vertical
2554.218750	-68.81	-13.00	Vertical
3195.781250	-65.79	-13.00	Vertical
4124.687500	-64.20	-13.00	Vertical
4780.312500	-60.75	-13.00	Vertical

LTE band 17

Test result:

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1411.250000	-43.18	-13.00	Vertical
2000.000000	-70.03	-13.00	Vertical
2822.343750	-59.94	-13.00	Vertical
3527.968750	-56.84	-13.00	Vertical
4233.281250	-56.65	-13.00	Vertical
5644.531250	-60.13	-13.00	Vertical

LTE band 28

Test result:

Channel 27460

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1442.187500	-61.15	-13.00	Vertical
2163.437500	-69.30	-13.00	Vertical

2884.062500	-59.73	-13.00	Vertical
3510.937500	-65.60	-13.00	Vertical
3950.156250	-65.32	-13.00	Vertical
4779.062500	-60.97	-13.00	Vertical

LTE band 66

Test result:

Channel 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
4118.906250	-63.68	-13.00	Vertical
4878.750000	-60.87	-13.00	Vertical
7014.375000	-58.45	-13.00	Vertical
8567.343750	-57.00	-13.00	Vertical
11505.937500	-56.67	-13.00	Vertical
14583.281250	-51.64	-13.00	Vertical

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