

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 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 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 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

LTE band 2

Test result:

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2458.82	-49.27	-13	Vertical
2780.08	-47.60	-13	Vertical
3724.85	-40.43	-13	Vertical
6675.64	-39.90	-13	Vertical
9961.34	-37.14	-13	Vertical
17819.56	-34.13	-13	Vertical

Channel 18900

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2461.10	-49.21	-13	Vertical
2779.42	-46.95	-13	Vertical
3728.35	-41.25	-13	Vertical
6678.76	-40.11	-13	Vertical
9963.18	-37.73	-13	Vertical
17821.02	-34.15	-13	Vertical

Channel 19100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2459.13	-49.19	-13	Vertical
2781.71	-47.51	-13	Vertical
3725.65	-41.26	-13	Vertical
6677.65	-39.50	-13	Vertical
9961.21	-37.70	-13	Vertical
17820.68	-33.93	-13	Vertical

LTE band 26(824~849MHz)

Test result:

Channel 26865

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.31	-53.44	-13	Vertical
1666.80	-51.49	-13	Vertical
2535.75	-43.90	-13	Vertical
2575.95	-44.21	-13	Vertical
8961.41	-39.62	-13	Vertical
9971.48	-36.70	-13	Vertical

Channel 26915

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.21	-52.88	-13	Vertical
1668.05	-51.33	-13	Vertical
2534.56	-44.49	-13	Vertical
2576.11	-44.35	-13	Vertical
8964.33	-40.00	-13	Vertical
9971.33	-36.59	-13	Vertical

Channel 26965

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1649.48	-53.31	-13	Vertical
1666.13	-51.64	-13	Vertical
2535.21	-44.24	-13	Vertical
2576.70	-44.46	-13	Vertical
8963.48	-39.85	-13	Vertical
9973.33	-35.89	-13	Vertical

LTE band 26(814~824MHz)

Test result:

Channel 26715

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.66	-53.20	-13	Vertical
1667.62	-50.89	-13	Vertical
2533.31	-44.82	-13	Vertical
2578.21	-44.24	-13	Vertical
8961.65	-39.61	-13	Vertical
9971.44	-36.13	-13	Vertical

Channel 26740

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.55	-53.12	-13	Vertical
1666.63	-51.35	-13	Vertical
2532.42	-44.09	-13	Vertical
2577.89	-43.89	-13	Vertical
8964.47	-39.18	-13	Vertical
9971.18	-36.30	-13	Vertical

Channel 26765

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.91	-52.66	-13	Vertical
1666.58	-51.69	-13	Vertical
2533.17	-44.39	-13	Vertical
2576.70	-43.91	-13	Vertical
8961.79	-39.97	-13	Vertical
9971.80	-35.98	-13	Vertical

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