

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
8649.375000	-56.86	-13.00	Vertical
10402.968750	-56.00	-13.00	Vertical
11514.843750	-55.56	-13.00	Vertical
15035.625000	-50.66	-13.00	Vertical
15490.781250	-51.36	-13.00	Vertical
17939.531250	-44.97	-13.00	Vertical

LTE band 4

Test result:

Channel 20175

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8749.687500	-56.87	-13.00	Vertical
10395.468750	-56.11	-13.00	Vertical
11531.718750	-56.17	-13.00	Vertical
14997.187500	-51.13	-13.00	Vertical
15540.000000	-51.25	-13.00	Vertical
17940.000000	-45.23	-13.00	Vertical

LTE band 5

Test result:

Channel 20525

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1002.062500	-65.39	-13.00	Vertical
1010.812500	-65.60	-13.00	Vertical
1440.750000	-64.26	-13.00	Vertical
1461.125000	-65.38	-13.00	Vertical
1791.937500	-66.15	-13.00	Vertical
2885.750000	-65.37	-13.00	Vertical

LTE band 7

Test result:

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
7149.843750	-57.16	-25.00	Vertical
8615.156250	-56.33	-25.00	Vertical
10400.156250	-55.57	-25.00	Vertical
11534.062500	-55.92	-25.00	Vertical
15031.875000	-50.55	-25.00	Vertical
17935.781250	-44.77	-25.00	Vertical

LTE band 12

Test result:

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.78	-53.47	-13	Vertical
1665.88	-51.48	-13	Vertical
2533.97	-44.67	-13	Vertical
2578.71	-44.58	-13	Vertical
8964.05	-39.56	-13	Vertical
9972.92	-36.18	-13	Vertical

LTE band 13

Test result: 23230

Channel

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1559.000000	-71.43	-40.00	Vertical
1564.000000	-71.73	-40.00	Vertical
1569.000000	-72.28	-40.00	Vertical
1006.625000	-65.47	-13.00	Vertical
1010.937500	-65.75	-13.00	Vertical
1421.625000	-63.45	-13.00	Vertical
1440.562500	-64.53	-13.00	Vertical
1443.937500	-64.30	-13.00	Vertical
2909.250000	-65.43	-13.00	Vertical

LTE band 17

Test result:

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1646.94	-52.86	-13	Vertical
1667.23	-51.43	-13	Vertical
2533.46	-44.19	-13	Vertical
2578.89	-44.51	-13	Vertical
8962.12	-39.62	-13	Vertical
9971.24	-36.51	-13	Vertical

LTE band 26

Test result: 26865

Channel

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1011.562500	-65.43	-13.00	Vertical
1441.125000	-63.47	-13.00	Vertical
1463.500000	-65.48	-13.00	Vertical
1569.187500	-61.31	-13.00	Vertical
2024.562500	-66.02	-13.00	Vertical
2854.812500	-65.51	-13.00	Vertical

LTE band 28

Test result: 27460

Channel

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1006.750000	-65.92	-13.00	Vertical
1426.750000	-65.33	-13.00	Vertical
1441.750000	-64.66	-13.00	Vertical
1459.937500	-65.61	-13.00	Vertical
2025.187500	-65.96	-13.00	Vertical
2905.062500	-65.43	-13.00	Vertical

LTE band 38

Test result:

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8424.843750	-56.54	-25	Vertical
10416.093750	-55.98	-25	Vertical
11484.843750	-56.23	-25	Vertical
14997.187500	-50.44	-25	Vertical
15500.156250	-51.01	-25	Vertical
17939.062500	-44.92	-25	Vertical

LTE band 40

Test result:

Channel 38450

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2460.55	-49.46	-25	Vertical
2779.53	-46.91	-25	Vertical
3727.27	-41.17	-25	Horizontal
6675.76	-39.94	-25	Vertical
9961.18	-37.13	-25	Vertical
17820.13	-33.46	-25	Vertical

LTE band 66

Test result: 132322

Channel

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
8762.343750	-56.44	-13.00	Vertical
10388.906250	-55.77	-13.00	Vertical
11514.843750	-55.96	-13.00	Vertical
15034.218750	-50.55	-13.00	Vertical
15496.406250	-50.90	-13.00	Vertical
17938.593750	-45.15	-13.00	Vertical

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