

## **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
1499.00	-76.24	-13.00	Vertical
1959.60	-82.02	-13.00	Vertical
2412.12	-77.81	-13.00	Vertical
8221.70	-52.40	-13.00	Vertical
11038.90	-48.05	-13.00	Vertical
12298.70	-48.32	-13.00	Vertical

#### **LTE band 4**

Test result:

#### **Channel 20175**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1149.20	-80.24	-13.00	Vertical
1515.60	-78.21	-13.00	Vertical
2450.92	-77.98	-13.00	Vertical
9357.30	-52.01	-13.00	Vertical
10749.80	-50.87	-13.00	Vertical
12290.80	-47.88	-13.00	Vertical

#### **LTE band 5**

Test result:

#### **Channel 20525**

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
874.21	-79.03	-13.00	Vertical
1511.50	-77.39	-13.00	Vertical
2490.42	-80.47	-13.00	Vertical
9391.20	-53.40	-13.00	Vertical
11182.00	-48.42	-13.00	Vertical
12404.70	-47.59	-13.00	Vertical

LTE band 7

Test result:

Channel 21100

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1148.10	-81.40	-25.00	Vertical
1484.70	-78.30	-25.00	Vertical
2425.50	-77.21	-25.00	Vertical
11173.30	-47.94	-25.00	Vertical
13062.30	-47.13	-25.00	Vertical
17248.50	-51.25	-25.00	Vertical

LTE band 12

Test result:

Channel 23095

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
748.70	-86.86	-13.00	Vertical
1510.70	-75.83	-13.00	Vertical
2428.58	-79.95	-13.00	Vertical
8394.50	-54.39	-13.00	Vertical
11496.20	-49.39	-13.00	Vertical
12195.90	-49.79	-13.00	Vertical

LTE band 13

Test result:

Channel 23230

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1574.50	-83.48	-40.00	Vertical
1586.70	-74.80	-40.00	Vertical
1606.30	-79.48	-40.00	Vertical
762.40	-82.86	-13.00	Vertical
1514.40	-75.06	-13.00	Vertical
2443.33	-79.70	-13.00	Vertical
9359.80	-53.72	-13.00	Vertical
10992.60	-49.84	-13.00	Vertical
12097.00	-46.15	-13.00	Vertical

LTE band 17

Test result:

Channel 23790

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
746.98	-87.75	-13.00	Vertical
1520.60	-76.52	-13.00	Vertical
2402.90	-76.87	-13.00	Vertical
9385.20	-53.07	-13.00	Vertical
10723.70	-48.27	-13.00	Vertical
12034.20	-51.08	-13.00	Vertical

### LTE band 38

Test result:

Channel 38000

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1138.60	-82.72	-25	Vertical
1501.00	-74.95	-25	Vertical
2347.20	-80.83	-25	Vertical
10883.00	-48.25	-25	Vertical
12211.00	-48.52	-25	Vertical
16875.00	-50.00	-25	Vertical

### LTE band 41

Test result:

Channel 40620

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1162.20	-81.08	-25	Vertical
1497.20	-77.92	-25	Vertical
2429.60	-79.32	-25	Horizontal
2995.00	-54.88	-25	Vertical
7817.00	-52.53	-25	Vertical
11027.00	-47.36	-25	Vertical

### LTE band 66

Test result

Channel : 132322

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1158.80	-80.03	-13.00	Vertical
1493.20	-75.92	-13.00	Vertical
2143.50	-77.94	-13.00	Vertical
10808.00	-52.96	-13.00	Vertical
12327.00	-54.71	-13.00	Vertical
12446.00	-47.66	-13.00	Vertical

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