

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 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.01 | -48.51 | -13 | Vertical |
| 2780.37 | -47.38 | -13 | Vertical |
| 3724.69 | -40.78 | -13 | Vertical |
| 6676.07 | -39.51 | -13 | Vertical |
| 9963.37 | -36.94 | -13 | Vertical |
| 17820.38 | -34.15 | -13 | Vertical |

Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.99 | -48.66 | -13 | Vertical |
| 2779.15 | -47.56 | -13 | Vertical |
| 3726.73 | -40.46 | -13 | Vertical |
| 6675.85 | -39.78 | -13 | Vertical |
| 9962.01 | -36.97 | -13 | Vertical |
| 17820.11 | -34.02 | -13 | Vertical |

Channel 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.58 | -49.26 | -13 | Vertical |
| 2781.76 | -47.49 | -13 | Vertical |
| 3725.14 | -40.38 | -13 | Vertical |
| 6677.21 | -39.51 | -13 | Vertical |
| 9960.29 | -37.20 | -13 | Vertical |
| 17818.72 | -33.98 | -13 | Vertical |

LTE band 4
Test result:
Channel 20050

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.20 | -48.53 | -13 | Vertical |
| 2780.33 | -47.38 | -13 | Vertical |
| 3727.93 | -41.21 | -13 | Vertical |
| 6678.61 | -39.26 | -13 | Vertical |
| 9959.61 | -37.54 | -13 | Vertical |
| 17820.95 | -33.57 | -13 | Vertical |

Channel 20175

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.98 | -49.07 | -13 | Vertical |
| 2778.95 | -46.90 | -13 | Vertical |
| 3724.92 | -41.01 | -13 | Vertical |
| 6677.03 | -39.84 | -13 | Vertical |
| 9959.75 | -37.69 | -13 | Vertical |
| 17820.36 | -34.25 | -13 | Vertical |

Channel 20300

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2461.00 | -49.36 | -13 | Vertical |
| 2778.27 | -47.20 | -13 | Vertical |
| 3726.94 | -40.93 | -13 | Vertical |
| 6675.31 | -39.43 | -13 | Vertical |
| 9961.73 | -37.11 | -13 | Vertical |
| 17819.79 | -33.51 | -13 | Vertical |

LTE band 7
Test result:
Channel 20850

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.74 | -48.86 | -25 | Vertical |
| 2781.54 | -47.59 | -25 | Vertical |
| 3724.39 | -40.93 | -25 | Vertical |
| 6678.32 | -39.53 | -25 | Vertical |
| 9962.96 | -37.19 | -25 | Vertical |
| 17819.01 | -33.47 | -25 | Vertical |

Channel 21100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.54 | -48.84 | -25 | Vertical |
| 2778.57 | -47.88 | -25 | Vertical |
| 3724.64 | -40.96 | -25 | Vertical |
| 6674.98 | -39.70 | -25 | Vertical |
| 9960.09 | -36.92 | -25 | Vertical |
| 17821.30 | -33.77 | -25 | Vertical |

Channel 21350

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.98 | -48.64 | -25 | Vertical |
| 2780.99 | -47.87 | -25 | Vertical |
| 3727.11 | -40.75 | -25 | Vertical |
| 6675.06 | -39.94 | -25 | Vertical |
| 9960.93 | -37.71 | -25 | Vertical |
| 17822.22 | -33.86 | -25 | Vertical |

LTE band 66

Test result:

Channel 132072

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.92 | -49.04 | -13 | Vertical |
| 2778.74 | -47.07 | -13 | Vertical |
| 3725.94 | -40.95 | -13 | Vertical |
| 6675.91 | -39.38 | -13 | Vertical |
| 9959.75 | -37.62 | -13 | Vertical |
| 17818.91 | -34.30 | -13 | Vertical |

Channel 132322

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2461.32 | -48.65 | -13 | Vertical |
| 2780.31 | -47.05 | -13 | Vertical |
| 3727.90 | -40.59 | -13 | Vertical |
| 6678.48 | -39.32 | -13 | Vertical |
| 9963.26 | -37.74 | -13 | Vertical |
| 17819.01 | -33.81 | -13 | Vertical |

Channel 132572

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.30 | -48.88 | -13 | Vertical |
| 2781.49 | -47.73 | -13 | Vertical |
| 3725.45 | -40.56 | -13 | Vertical |
| 6676.24 | -39.92 | -13 | Vertical |
| 9962.23 | -37.62 | -13 | Vertical |
| 17820.63 | -34.25 | -13 | Vertical |

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