

## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

### **Radiated Spurious Emissions**

LTE band 2

Test result:

Channel 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.98         | -49.41      | -13           | Vertical     |
| 2778.77         | -47.66      | -13           | Vertical     |
| 3725.88         | -41.07      | -13           | Vertical     |
| 6677.32         | -39.30      | -13           | Vertical     |
| 9962.46         | -37.11      | -13           | Vertical     |
| 17821.61        | -33.73      | -13           | Vertical     |

Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.14         | -49.20      | -13           | Vertical     |
| 2779.83         | -47.61      | -13           | Vertical     |
| 3727.26         | -40.89      | -13           | Vertical     |
| 6677.13         | -39.39      | -13           | Vertical     |
| 9962.48         | -36.91      | -13           | Vertical     |
| 17819.42        | -33.71      | -13           | Vertical     |

Channel 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.93         | -49.14      | -13           | Vertical     |
| 2778.67         | -47.15      | -13           | Vertical     |
| 3724.53         | -41.22      | -13           | Vertical     |
| 6675.68         | -39.98      | -13           | Vertical     |
| 9960.05         | -37.12      | -13           | Vertical     |
| 17819.80        | -34.40      | -13           | Vertical     |

LTE band 4

Test result:

Channel 20050

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.24         | -48.70      | -13           | Vertical     |
| 2779.63         | -47.25      | -13           | Vertical     |
| 3726.02         | -41.09      | -13           | Vertical     |
| 6677.36         | -39.87      | -13           | Vertical     |
| 9961.51         | -37.55      | -13           | Vertical     |
| 17821.93        | -33.79      | -13           | Vertical     |

Channel 20175

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.09         | -49.20      | -13           | Vertical     |
| 2780.72         | -47.25      | -13           | Vertical     |
| 3726.26         | -40.71      | -13           | Vertical     |
| 6677.14         | -39.45      | -13           | Vertical     |
| 9959.87         | -37.24      | -13           | Vertical     |
| 17819.33        | -33.72      | -13           | Vertical     |

Channel 20300

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.67         | -48.76      | -13           | Vertical     |
| 2778.59         | -46.93      | -13           | Vertical     |
| 3726.86         | -40.65      | -13           | Vertical     |
| 6675.91         | -39.14      | -13           | Vertical     |
| 9963.34         | -37.65      | -13           | Vertical     |
| 17821.72        | -33.68      | -13           | Vertical     |

LTE band 5

Test result:

Channel 20450

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1650.27         | -53.04      | -13           | Vertical     |
| 1667.75         | -50.99      | -13           | Vertical     |
| 2535.99         | -43.89      | -13           | Vertical     |
| 2577.52         | -43.94      | -13           | Vertical     |
| 8964.00         | -39.35      | -13           | Vertical     |
| 9973.42         | -36.75      | -13           | Vertical     |

Channel 20525

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.19         | -53.19      | -13           | Vertical     |
| 1666.40         | -51.69      | -13           | Vertical     |
| 2533.86         | -44.73      | -13           | Vertical     |
| 2575.32         | -44.35      | -13           | Vertical     |
| 8963.59         | -39.06      | -13           | Vertical     |
| 9971.73         | -36.33      | -13           | Vertical     |

Channel 20600

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.26         | -52.78      | -13           | Vertical     |
| 1667.67         | -50.87      | -13           | Vertical     |
| 2534.12         | -44.29      | -13           | Vertical     |
| 2575.50         | -43.70      | -13           | Vertical     |
| 8963.61         | -39.25      | -13           | Vertical     |
| 9973.61         | -35.93      | -13           | Vertical     |

LTE band 7

Test result:

Channel 20850

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.11         | -48.60      | -25           | Vertical     |
| 2780.99         | -47.54      | -25           | Vertical     |
| 3726.68         | -40.73      | -25           | Vertical     |
| 6677.21         | -39.73      | -25           | Vertical     |
| 9962.23         | -37.59      | -25           | Vertical     |
| 17820.93        | -34.15      | -25           | Vertical     |

Channel 21100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.70         | -49.17      | -25           | Vertical     |
| 2778.75         | -47.41      | -25           | Vertical     |
| 3725.67         | -40.97      | -25           | Vertical     |
| 6675.00         | -39.53      | -25           | Vertical     |
| 9960.32         | -37.41      | -25           | Vertical     |
| 17818.80        | -33.88      | -25           | Vertical     |

Channel 21350

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.54         | -49.31      | -25           | Vertical     |
| 2780.16         | -47.25      | -25           | Vertical     |
| 3725.95         | -40.39      | -25           | Vertical     |
| 6676.90         | -39.68      | -25           | Vertical     |
| 9960.66         | -37.41      | -25           | Vertical     |
| 17819.73        | -33.52      | -25           | Vertical     |

LTE band 12

Test result:

Channel 23060

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.32         | -53.32      | -13           | Vertical     |
| 1664.99         | -51.64      | -13           | Vertical     |
| 2532.69         | -44.00      | -13           | Vertical     |
| 2575.31         | -43.80      | -13           | Vertical     |
| 8963.36         | -39.59      | -13           | Vertical     |
| 9970.27         | -35.96      | -13           | Vertical     |

Channel 23095

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.88         | -53.18      | -13           | Vertical     |
| 1667.55         | -51.61      | -13           | Vertical     |
| 2534.32         | -44.69      | -13           | Vertical     |
| 2575.94         | -44.54      | -13           | Vertical     |
| 8964.18         | -39.28      | -13           | Vertical     |
| 9972.60         | -36.48      | -13           | Vertical     |

Channel 23130

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1650.37         | -53.31      | -13           | Vertical     |
| 1665.46         | -51.58      | -13           | Vertical     |
| 2535.35         | -44.35      | -13           | Vertical     |
| 2575.45         | -43.96      | -13           | Vertical     |
| 8961.68         | -39.76      | -13           | Vertical     |
| 9973.45         | -36.33      | -13           | Vertical     |

LTE band 17

Test result:

Channel 23780

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1648.40         | -53.23      | -13           | Vertical     |
| 1666.89         | -51.20      | -13           | Vertical     |
| 2532.73         | -43.82      | -13           | Vertical     |
| 2578.99         | -44.31      | -13           | Vertical     |
| 8964.22         | -39.59      | -13           | Vertical     |
| 9971.87         | -36.41      | -13           | Vertical     |

Channel 23790

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.53         | -53.50      | -13           | Vertical     |
| 1667.52         | -51.35      | -13           | Vertical     |
| 2534.14         | -44.46      | -13           | Vertical     |
| 2575.87         | -43.87      | -13           | Vertical     |
| 8962.48         | -39.47      | -13           | Vertical     |
| 9972.32         | -36.20      | -13           | Vertical     |

Channel 23800

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1646.63         | -53.16      | -13           | Vertical     |
| 1668.05         | -51.13      | -13           | Vertical     |
| 2533.35         | -44.10      | -13           | Vertical     |
| 2575.85         | -44.63      | -13           | Vertical     |
| 8963.76         | -39.92      | -13           | Vertical     |
| 9971.40         | -36.50      | -13           | Vertical     |

LTE band 38

Test result:

Channel 37850

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.79         | -48.52      | -25           | Vertical     |
| 2779.70         | -46.88      | -25           | Vertical     |
| 3727.23         | -41.12      | -25           | Vertical     |
| 6678.22         | -40.07      | -25           | Vertical     |
| 9962.88         | -37.64      | -25           | Vertical     |
| 17821.61        | -33.78      | -25           | Vertical     |

Channel 38000

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.80         | -49.36      | -25           | Vertical     |
| 2781.85         | -47.51      | -25           | Vertical     |
| 3727.20         | -40.92      | -25           | Vertical     |
| 6678.13         | -39.46      | -25           | Vertical     |
| 9960.13         | -36.80      | -25           | Vertical     |
| 17821.14        | -33.78      | -25           | Vertical     |

Channel 38150

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.77         | -49.39      | -25           | Vertical     |
| 2778.22         | -47.29      | -25           | Horizontal   |
| 3724.53         | -41.04      | -25           | Vertical     |
| 6676.18         | -39.29      | -25           | Vertical     |
| 9961.83         | -37.54      | -25           | Vertical     |
| 17818.70        | -33.59      | -25           | Vertical     |

LTE band 66  
Test result:  
Channel 132072

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2461.10         | -49.25      | -13           | Vertical     |
| 2778.33         | -47.86      | -13           | Vertical     |
| 3727.13         | -40.36      | -13           | Vertical     |
| 6678.18         | -39.95      | -13           | Vertical     |
| 9962.07         | -37.55      | -13           | Vertical     |
| 17819.79        | -34.06      | -13           | Vertical     |

Channel 132322

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.92         | -49.05      | -13           | Vertical     |
| 2781.88         | -47.10      | -13           | Vertical     |
| 3727.32         | -40.39      | -13           | Vertical     |
| 6675.99         | -40.13      | -13           | Vertical     |
| 9962.10         | -37.63      | -13           | Vertical     |
| 17819.73        | -33.50      | -13           | Vertical     |

Channel 132572

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.01         | -48.69      | -13           | Vertical     |
| 2779.11         | -47.31      | -13           | Vertical     |
| 3726.45         | -40.44      | -13           | Vertical     |
| 6676.13         | -39.27      | -13           | Vertical     |
| 9961.21         | -36.92      | -13           | Vertical     |
| 17821.76        | -34.15      | -13           | Vertical     |

---End of Test Report---