

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

### **Radiated Spurious Emissions**

The EUT operates at the maximum working bandwidth of QPSK modulation.

LTE band 2

Test result:

Channel 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.20         | -48.53      | -13           | Vertical     |
| 2780.43         | -47.72      | -13           | Vertical     |
| 3727.92         | -40.43      | -13           | Vertical     |
| 6676.23         | -39.68      | -13           | Vertical     |
| 9961.00         | -37.35      | -13           | Vertical     |
| 17818.58        | -33.99      | -13           | Vertical     |

Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.06         | -49.05      | -13           | Vertical     |
| 2780.70         | -47.06      | -13           | Vertical     |
| 3724.86         | -40.60      | -13           | Vertical     |
| 6675.07         | -39.81      | -13           | Vertical     |
| 9963.00         | -37.68      | -13           | Vertical     |
| 17820.84        | -33.99      | -13           | Vertical     |

Channel 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.98         | -48.60      | -13           | Vertical     |
| 2781.22         | -47.62      | -13           | Vertical     |
| 3724.83         | -40.83      | -13           | Vertical     |
| 6676.31         | -40.02      | -13           | Vertical     |
| 9962.14         | -37.19      | -13           | Vertical     |
| 17821.14        | -34.07      | -13           | Vertical     |

LTE band 4

Test result:

Channel 20050

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.93         | -49.01      | -13           | Vertical     |
| 2781.71         | -47.66      | -13           | Vertical     |
| 3725.19         | -40.90      | -13           | Vertical     |
| 6676.78         | -39.98      | -13           | Vertical     |
| 9959.84         | -37.12      | -13           | Vertical     |
| 17818.73        | -33.96      | -13           | Vertical     |

Channel 20175

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.79         | -49.11      | -13           | Vertical     |
| 2780.50         | -46.99      | -13           | Vertical     |
| 3727.16         | -40.68      | -13           | Vertical     |
| 6678.40         | -39.57      | -13           | Vertical     |
| 9960.42         | -37.42      | -13           | Vertical     |
| 17821.72        | -34.09      | -13           | Vertical     |

Channel 20300

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.42         | -49.34      | -13           | Vertical     |
| 2778.28         | -47.27      | -13           | Vertical     |
| 3725.68         | -41.23      | -13           | Vertical     |
| 6676.10         | -39.19      | -13           | Vertical     |
| 9962.35         | -37.26      | -13           | Vertical     |
| 17819.33        | -33.72      | -13           | Vertical     |

LTE band 5

Test result:

Channel 20450

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1648.24         | -53.13      | -13           | Vertical     |
| 1667.69         | -51.59      | -13           | Vertical     |
| 2532.42         | -44.51      | -13           | Vertical     |
| 2578.63         | -44.43      | -13           | Vertical     |
| 8961.71         | -39.72      | -13           | Vertical     |
| 9971.05         | -36.51      | -13           | Vertical     |

Channel 20525

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1647.87         | -52.50      | -13           | Vertical     |
| 1667.67         | -51.41      | -13           | Vertical     |
| 2536.19         | -44.46      | -13           | Vertical     |
| 2576.93         | -44.28      | -13           | Vertical     |
| 8961.92         | -39.67      | -13           | Vertical     |
| 9970.34         | -36.57      | -13           | Vertical     |

Channel 20600

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1648.15         | -52.52      | -13           | Vertical     |
| 1665.52         | -51.48      | -13           | Vertical     |
| 2533.35         | -43.97      | -13           | Vertical     |
| 2578.77         | -44.15      | -13           | Vertical     |
| 8961.87         | -39.49      | -13           | Vertical     |
| 9971.75         | -36.46      | -13           | Vertical     |

LTE band 7

Test result:

Channel 20850

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.64         | -48.98      | -25           | Vertical     |
| 2780.70         | -47.15      | -25           | Vertical     |
| 3724.67         | -40.53      | -25           | Vertical     |
| 6675.83         | -39.76      | -25           | Vertical     |
| 9961.26         | -36.87      | -25           | Vertical     |
| 17819.01        | -33.92      | -25           | Vertical     |

Channel 21100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.95         | -49.20      | -25           | Vertical     |
| 2781.97         | -47.55      | -25           | Vertical     |
| 3726.94         | -40.98      | -25           | Vertical     |
| 6678.51         | -39.46      | -25           | Vertical     |
| 9962.92         | -37.42      | -25           | Vertical     |
| 17821.88        | -34.30      | -25           | Vertical     |

Channel 21350

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.00         | -49.10      | -25           | Vertical     |
| 2779.56         | -47.58      | -25           | Vertical     |
| 3725.92         | -41.02      | -25           | Vertical     |
| 6675.39         | -39.51      | -25           | Vertical     |
| 9963.31         | -37.14      | -25           | Vertical     |
| 17820.32        | -33.91      | -25           | Vertical     |

LTE band 12

Test result:

Channel 23060

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.68         | -53.01      | -13           | Vertical     |
| 1668.64         | -50.96      | -13           | Vertical     |
| 2533.38         | -43.98      | -13           | Vertical     |
| 2578.09         | -44.51      | -13           | Vertical     |
| 8963.20         | -39.19      | -13           | Vertical     |
| 9971.39         | -36.38      | -13           | Vertical     |

Channel 23095

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1649.86         | -53.41      | -13           | Vertical     |
| 1667.66         | -51.57      | -13           | Vertical     |
| 2535.13         | -44.00      | -13           | Vertical     |
| 2578.09         | -43.93      | -13           | Vertical     |
| 8964.43         | -39.22      | -13           | Vertical     |
| 9972.63         | -36.24      | -13           | Vertical     |

Channel 23130

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 1646.84         | -53.43      | -13           | Vertical     |
| 1667.75         | -51.20      | -13           | Vertical     |
| 2536.24         | -44.24      | -13           | Vertical     |
| 2575.81         | -43.78      | -13           | Vertical     |
| 8961.96         | -39.81      | -13           | Vertical     |
| 9970.14         | -36.69      | -13           | Vertical     |

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