

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

LTE band 2 (20MHz)

Test result:

Channel 18700

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2460.78         | -48.51      | -13           | Vertical     |
| 2779.15         | -47.38      | -13           | Vertical     |
| 3724.83         | -40.44      | -13           | Vertical     |
| 6676.45         | -39.87      | -13           | Horizontal   |
| 9962.75         | -37.64      | -13           | Vertical     |
| 17818.68        | -34.28      | -13           | Vertical     |

Channel 18900

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.89         | -49.04      | -13           | Vertical     |
| 2778.96         | -47.59      | -13           | Horizontal   |
| 3726.14         | -41.11      | -13           | Horizontal   |
| 6676.90         | -39.70      | -13           | Vertical     |
| 9960.59         | -37.65      | -13           | Vertical     |
| 17821.33        | -33.73      | -13           | Vertical     |

Channel 19100

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.27         | -49.08      | -13           | Vertical     |
| 2780.30         | -47.47      | -13           | Vertical     |
| 3727.92         | -41.01      | -13           | Vertical     |
| 6676.04         | -39.83      | -13           | Vertical     |
| 9962.24         | -37.49      | -13           | Horizontal   |
| 17821.51        | -34.00      | -13           | Vertical     |

## LTE band 4 (20MHz)

Test result:

Channel 20050

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.14         | -49.25      | -13           | Vertical     |
| 2781.03         | -46.90      | -13           | Vertical     |
| 3726.21         | -40.72      | -13           | Vertical     |
| 6676.78         | -39.20      | -13           | Horizontal   |
| 9962.43         | -37.46      | -13           | Vertical     |
| 17819.62        | -33.48      | -13           | Vertical     |

Channel 20175

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.81         | -48.87      | -13           | Vertical     |
| 2779.69         | -47.15      | -13           | Vertical     |
| 3727.57         | -41.22      | -13           | Horizontal   |
| 6674.96         | -39.89      | -13           | Vertical     |
| 9961.81         | -36.85      | -13           | Vertical     |
| 17820.28        | -34.16      | -13           | Vertical     |

Channel 20300

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.77         | -48.86      | -13           | Vertical     |
| 2779.37         | -47.73      | -13           | Horizontal   |
| 3727.88         | -41.00      | -13           | Vertical     |
| 6677.68         | -39.43      | -13           | Vertical     |
| 9961.35         | -37.01      | -13           | Vertical     |
| 17821.98        | -34.23      | -13           | Vertical     |

## LTE band 12 (10MHz)

Test result:  
Channel 23060

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2461.24         | -48.60      | -13           | Vertical     |
| 2781.59         | -47.46      | -13           | Vertical     |
| 3725.10         | -40.39      | -13           | Vertical     |
| 6676.08         | -40.13      | -13           | Horizontal   |
| 9961.87         | -37.45      | -13           | Vertical     |
| 17818.37        | -34.22      | -13           | Vertical     |

## Channel 23095

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.51         | -48.65      | -13           | Vertical     |
| 2778.77         | -47.75      | -13           | Vertical     |
| 3727.05         | -41.21      | -13           | Horizontal   |
| 6675.68         | -39.67      | -13           | Vertical     |
| 9963.31         | -36.81      | -13           | Vertical     |
| 17819.08        | -34.09      | -13           | Vertical     |

## Channel 23130

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.29         | -48.80      | -13           | Vertical     |
| 2781.67         | -47.72      | -13           | Horizontal   |
| 3727.78         | -41.10      | -13           | Vertical     |
| 6675.43         | -40.03      | -13           | Vertical     |
| 9961.12         | -37.16      | -13           | Vertical     |
| 17820.69        | -34.39      | -13           | Vertical     |

## LTE band 17 (10MHz)

Test result:

### Channel 23780

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.20         | -48.88      | -13           | Vertical     |
| 2779.95         | -47.46      | -13           | Vertical     |
| 3726.04         | -40.74      | -13           | Vertical     |
| 6675.88         | -39.89      | -13           | Horizontal   |
| 9963.28         | -36.83      | -13           | Vertical     |
| 17820.16        | -34.05      | -13           | Vertical     |

### Channel 23790

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2459.57         | -48.92      | -13           | Vertical     |
| 2779.19         | -47.22      | -13           | Vertical     |
| 3727.98         | -40.54      | -13           | Horizontal   |
| 6677.47         | -39.90      | -13           | Vertical     |
| 9961.75         | -37.50      | -13           | Vertical     |
| 17820.77        | -34.05      | -13           | Vertical     |

### Channel 23800

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.94         | -48.75      | -13           | Vertical     |
| 2781.07         | -47.10      | -13           | Horizontal   |
| 3724.61         | -41.18      | -13           | Vertical     |
| 6676.75         | -39.80      | -13           | Vertical     |
| 9962.71         | -37.69      | -13           | Vertical     |
| 17820.27        | -33.49      | -13           | Vertical     |

## LTE band 41 (20MHz)

Test result:

Channel 39750

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.70         | -49.31      | -25           | Vertical     |
| 2780.39         | -47.82      | -25           | Horizontal   |
| 3724.39         | -41.13      | -25           | Vertical     |
| 6676.50         | -39.28      | -25           | Horizontal   |
| 9960.48         | -37.45      | -25           | Vertical     |
| 17822.29        | -34.26      | -25           | Vertical     |

Channel 40620

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2458.24         | -48.87      | -25           | Vertical     |
| 2781.63         | -47.49      | -25           | Vertical     |
| 3726.29         | -40.51      | -25           | Horizontal   |
| 6677.44         | -39.26      | -25           | Vertical     |
| 9962.07         | -36.91      | -25           | Vertical     |
| 17819.31        | -33.79      | -25           | Vertical     |

Channel 41490

| Frequency (MHz) | Power (dBm) | Limited (dBm) | Polarization |
|-----------------|-------------|---------------|--------------|
| 2457.88         | -48.72      | -25           | Vertical     |
| 2780.59         | -47.86      | -25           | Vertical     |
| 3725.00         | -40.65      | -25           | Horizontal   |
| 6677.08         | -39.90      | -25           | Vertical     |
| 9959.61         | -36.94      | -25           | Horizontal   |
| 17820.06        | -34.08      | -25           | Vertical     |

---End of Test Report---