

## APPENDIX A – TEST DATA OF CONDUCTED EMISSION

### LTE Band 12

#### 1 Effective Radiated Power and Effective Isotropic Radiated Power

| Modulation | Carrier frequency (MHz) | UL Channel | BW  | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|-----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 0         | 22.77                 | 19.82           | 0.096         |
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 3         | 22.85                 | 19.90           | 0.098         |
| QPSK       | 699.7                   | 23017      | 1.4 | 1       | 5         | 22.69                 | 19.74           | 0.094         |
| QPSK       | 699.7                   | 23017      | 1.4 | 6       | 0         | 21.78                 | 18.83           | 0.076         |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 0         | 22.82                 | 19.87           | 0.097         |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 3         | 22.92                 | 19.97           | 0.099         |
| QPSK       | 707.5                   | 23095      | 1.4 | 1       | 5         | 22.85                 | 19.90           | 0.098         |
| QPSK       | 707.5                   | 23095      | 1.4 | 6       | 0         | 21.88                 | 18.93           | 0.078         |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 0         | 22.57                 | 19.62           | 0.092         |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 3         | 22.63                 | 19.68           | 0.093         |
| QPSK       | 715.3                   | 23173      | 1.4 | 1       | 5         | 22.56                 | 19.61           | 0.091         |
| QPSK       | 715.3                   | 23173      | 1.4 | 6       | 0         | 21.62                 | 18.67           | 0.074         |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 0         | 22.11                 | 19.16           | 0.082         |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 3         | 22.20                 | 19.25           | 0.084         |
| 16QAM      | 699.7                   | 23017      | 1.4 | 1       | 5         | 22.14                 | 19.19           | 0.083         |
| 16QAM      | 699.7                   | 23017      | 1.4 | 6       | 0         | 20.87                 | 17.92           | 0.062         |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 0         | 22.14                 | 19.19           | 0.083         |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 3         | 22.24                 | 19.29           | 0.085         |
| 16QAM      | 707.5                   | 23095      | 1.4 | 1       | 5         | 22.04                 | 19.09           | 0.081         |
| 16QAM      | 707.5                   | 23095      | 1.4 | 6       | 0         | 21.02                 | 18.07           | 0.064         |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 0         | 21.77                 | 18.82           | 0.076         |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 3         | 21.87                 | 18.92           | 0.078         |
| 16QAM      | 715.3                   | 23173      | 1.4 | 1       | 5         | 21.79                 | 18.84           | 0.077         |
| 16QAM      | 715.3                   | 23173      | 1.4 | 6       | 0         | 20.74                 | 17.79           | 0.060         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 700.5                   | 23025      | 3  | 1       | 0         | 22.84                 | 19.89           | 0.097         |
| QPSK       | 700.5                   | 23025      | 3  | 1       | 8         | 22.79                 | 19.84           | 0.096         |
| QPSK       | 700.5                   | 23025      | 3  | 1       | 14        | 22.83                 | 19.88           | 0.097         |
| QPSK       | 700.5                   | 23025      | 3  | 15      | 0         | 21.98                 | 19.03           | 0.080         |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 0         | 22.93                 | 19.98           | 0.100         |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 8         | 22.93                 | 19.98           | 0.100         |
| QPSK       | 707.5                   | 23095      | 3  | 1       | 14        | 22.87                 | 19.92           | 0.098         |
| QPSK       | 707.5                   | 23095      | 3  | 15      | 0         | 21.98                 | 19.03           | 0.080         |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 0         | 22.68                 | 19.73           | 0.094         |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 8         | 22.66                 | 19.71           | 0.094         |
| QPSK       | 714.5                   | 23165      | 3  | 1       | 14        | 22.65                 | 19.70           | 0.093         |
| QPSK       | 714.5                   | 23165      | 3  | 15      | 0         | 21.75                 | 18.80           | 0.076         |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 0         | 22.16                 | 19.21           | 0.083         |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 8         | 22.08                 | 19.13           | 0.082         |
| 16QAM      | 700.5                   | 23025      | 3  | 1       | 14        | 22.14                 | 19.19           | 0.083         |
| 16QAM      | 700.5                   | 23025      | 3  | 15      | 0         | 20.98                 | 18.03           | 0.064         |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 0         | 22.16                 | 19.21           | 0.083         |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 8         | 22.29                 | 19.34           | 0.086         |
| 16QAM      | 707.5                   | 23095      | 3  | 1       | 14        | 22.23                 | 19.28           | 0.085         |
| 16QAM      | 707.5                   | 23095      | 3  | 15      | 0         | 21.02                 | 18.07           | 0.064         |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 0         | 21.97                 | 19.02           | 0.080         |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 8         | 21.87                 | 18.92           | 0.078         |
| 16QAM      | 714.5                   | 23165      | 3  | 1       | 14        | 21.91                 | 18.96           | 0.079         |
| 16QAM      | 714.5                   | 23165      | 3  | 15      | 0         | 20.74                 | 17.79           | 0.060         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 701.5                   | 23035      | 5  | 1       | 0         | 22.83                 | 19.88           | 0.097         |
| QPSK       | 701.5                   | 23035      | 5  | 1       | 12        | 22.87                 | 19.92           | 0.098         |
| QPSK       | 701.5                   | 23035      | 5  | 1       | 24        | 22.79                 | 19.84           | 0.096         |
| QPSK       | 701.5                   | 23035      | 5  | 25      | 0         | 21.92                 | 18.97           | 0.079         |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 0         | 22.82                 | 19.87           | 0.097         |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 12        | 22.94                 | 19.99           | 0.100         |
| QPSK       | 707.5                   | 23095      | 5  | 1       | 24        | 22.86                 | 19.91           | 0.098         |
| QPSK       | 707.5                   | 23095      | 5  | 25      | 0         | 21.97                 | 19.02           | 0.080         |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 0         | 22.85                 | 19.90           | 0.098         |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 12        | 22.68                 | 19.73           | 0.094         |
| QPSK       | 713.5                   | 23155      | 5  | 1       | 24        | 22.58                 | 19.63           | 0.092         |
| QPSK       | 713.5                   | 23155      | 5  | 25      | 0         | 21.83                 | 18.88           | 0.077         |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 0         | 22.09                 | 19.14           | 0.082         |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 12        | 22.05                 | 19.10           | 0.081         |
| 16QAM      | 701.5                   | 23035      | 5  | 1       | 24        | 21.99                 | 19.04           | 0.080         |
| 16QAM      | 701.5                   | 23035      | 5  | 25      | 0         | 20.92                 | 17.97           | 0.063         |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 0         | 22.04                 | 19.09           | 0.081         |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 12        | 22.19                 | 19.24           | 0.084         |
| 16QAM      | 707.5                   | 23095      | 5  | 1       | 24        | 22.15                 | 19.20           | 0.083         |
| 16QAM      | 707.5                   | 23095      | 5  | 25      | 0         | 21.03                 | 18.08           | 0.064         |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 0         | 22.11                 | 19.16           | 0.082         |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 12        | 21.86                 | 18.91           | 0.078         |
| 16QAM      | 713.5                   | 23155      | 5  | 1       | 24        | 21.78                 | 18.83           | 0.076         |
| 16QAM      | 713.5                   | 23155      | 5  | 25      | 0         | 20.85                 | 17.90           | 0.062         |

| Modulation | Carrier frequency (MHz) | UL Channel | BW | RB Size | RB Offset | Conducted power (dBm) | ERP/ EIRP (dBm) | ERP/ EIRP (W) |
|------------|-------------------------|------------|----|---------|-----------|-----------------------|-----------------|---------------|
| QPSK       | 704                     | 23060      | 10 | 1       | 0         | 22.84                 | 19.89           | 0.097         |
| QPSK       | 704                     | 23060      | 10 | 1       | 24        | 22.82                 | 19.87           | 0.097         |
| QPSK       | 704                     | 23060      | 10 | 1       | 49        | 22.90                 | 19.95           | 0.099         |
| QPSK       | 704                     | 23060      | 10 | 50      | 0         | 22.02                 | 19.07           | 0.081         |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 0         | 22.85                 | 19.90           | 0.098         |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 24        | 22.91                 | 19.96           | 0.099         |
| QPSK       | 707.5                   | 23095      | 10 | 1       | 49        | 22.87                 | 19.92           | 0.098         |
| QPSK       | 707.5                   | 23095      | 10 | 50      | 0         | 21.99                 | 19.04           | 0.080         |
| QPSK       | 711                     | 23130      | 10 | 1       | 0         | 22.91                 | 19.96           | 0.099         |
| QPSK       | 711                     | 23130      | 10 | 1       | 24        | 22.89                 | 19.94           | 0.099         |
| QPSK       | 711                     | 23130      | 10 | 1       | 49        | 22.72                 | 19.77           | 0.095         |
| QPSK       | 711                     | 23130      | 10 | 50      | 0         | 21.94                 | 18.99           | 0.079         |
| 16QAM      | 704                     | 23060      | 10 | 1       | 0         | 22.13                 | 19.18           | 0.083         |
| 16QAM      | 704                     | 23060      | 10 | 1       | 24        | 22.10                 | 19.15           | 0.082         |
| 16QAM      | 704                     | 23060      | 10 | 1       | 49        | 22.09                 | 19.14           | 0.082         |
| 16QAM      | 704                     | 23060      | 10 | 50      | 0         | 21.04                 | 18.09           | 0.064         |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 0         | 22.04                 | 19.09           | 0.081         |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 24        | 22.19                 | 19.24           | 0.084         |
| 16QAM      | 707.5                   | 23095      | 10 | 1       | 49        | 22.14                 | 19.19           | 0.083         |
| 16QAM      | 707.5                   | 23095      | 10 | 50      | 0         | 21.02                 | 18.07           | 0.064         |
| 16QAM      | 711                     | 23130      | 10 | 1       | 0         | 22.18                 | 19.23           | 0.084         |
| 16QAM      | 711                     | 23130      | 10 | 1       | 24        | 22.33                 | 19.38           | 0.087         |
| 16QAM      | 711                     | 23130      | 10 | 1       | 49        | 21.87                 | 18.92           | 0.078         |
| 16QAM      | 711                     | 23130      | 10 | 50      | 0         | 20.95                 | 18.00           | 0.063         |