

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

| WCDMA Band II | | Conducted Power(dBm) | | |
|--------------------------|--------------|----------------------|--------------|--------------|
| | | Channel 9262 | Channel 9400 | Channel 9538 |
| | | 1852.4(MHz) | 1880(MHz) | 1907.6(MHz) |
| RMC | 12.2k | 23.38 | 23.33 | 23.18 |
| | 64k | 23.32 | 23.21 | 23.02 |
| | 144k | 23.23 | 23.16 | 23.01 |
| | 384k | 23.22 | 23.17 | 23.02 |
| HSDPA | Sub - Test 1 | 22.36 | 22.37 | 22.35 |
| | Sub - Test 2 | 22.39 | 22.37 | 22.3 |
| | Sub - Test 3 | 21.86 | 21.87 | 21.8 |
| | Sub - Test 4 | 21.9 | 21.81 | 21.8 |
| HSUPA | Sub - Test 1 | 22.4 | 22.39 | 22.3 |
| | Sub - Test 2 | 21.9 | 21.88 | 21.82 |
| | Sub - Test 3 | 22.43 | 22.38 | 22.34 |
| | Sub - Test 4 | 22.48 | 22.34 | 22.32 |
| | Sub - Test 5 | 22.32 | 22.21 | 22.18 |
| DC-HSDPA | Sub - Test 1 | 23.31 | 23.22 | 23.07 |
| | Sub - Test 2 | 23.3 | 23.21 | 23.06 |
| | Sub - Test 3 | 22.79 | 22.7 | 22.55 |
| | Sub - Test 4 | 22.78 | 22.79 | 22.53 |
| Antenna Gain (dBi) | | 4.64 | | |
| Max. EIRP for FCC (dBm) | | 28.02 | | |
| EIRP Limit for FCC (dBm) | | 33.01 | | |

| WCDMA Band IV | | Conducted Power(dBm) | | |
|--------------------------|--------------|----------------------|--------------|--------------|
| | | Channel 1312 | Channel 1413 | Channel 1513 |
| | | 1712.4 (MHz) | 1732.6 (MHz) | 1752.6(MHz) |
| RMC | 12.2k | 23.57 | 23.56 | 23.51 |
| | 64k | 23.43 | 23.5 | 23.38 |
| | 144k | 23.42 | 23.4 | 23.37 |
| | 384k | 23.41 | 23.39 | 23.36 |
| HSDPA | Sub - Test 1 | 23.27 | 23.25 | 23.26 |
| | Sub - Test 2 | 23.25 | 23.28 | 23.32 |
| | Sub - Test 3 | 22.89 | 22.79 | 22.86 |
| | Sub - Test 4 | 22.83 | 22.74 | 22.8 |
| HSUPA | Sub - Test 1 | 23.32 | 23.25 | 23.3 |
| | Sub - Test 2 | 22.84 | 22.81 | 22.8 |
| | Sub - Test 3 | 23.32 | 23.31 | 23.27 |
| | Sub - Test 4 | 23.31 | 23.29 | 23.36 |
| | Sub - Test 5 | 23.26 | 23.16 | 23.25 |
| DC-HSDPA | Sub - Test 1 | 23.44 | 23.43 | 23.38 |
| | Sub - Test 2 | 23.42 | 23.42 | 23.37 |
| | Sub - Test 3 | 22.91 | 22.91 | 22.86 |
| | Sub - Test 4 | 22.9 | 22.9 | 22.85 |
| Antenna Gain (dBi) | | 4.14 | | |
| Max. EIRP for FCC (dBm) | | 27.71 | | |
| EIRP Limit for FCC (dBm) | | 30 | | |

| WCDMA Band V | | Conducted Power(dBm) | | |
|-------------------------|--------------|----------------------|--------------|--------------|
| | | Channel 4132 | Channel 4183 | Channel 4233 |
| | | 826.4(MHz) | 836.6(MHz) | 846.6(MHz) |
| RMC | 12.2k | 23.06 | 22.99 | 23.12 |
| | 64k | 22.99 | 22.85 | 23.06 |
| | 144k | 22.98 | 22.84 | 22.96 |
| | 384k | 22.97 | 22.83 | 22.95 |
| HSDPA | Sub - Test 1 | 22.79 | 22.64 | 22.69 |
| | Sub - Test 2 | 22.75 | 22.68 | 22.78 |
| | Sub - Test 3 | 22.39 | 22.32 | 22.3 |
| | Sub - Test 4 | 22.31 | 22.25 | 22.26 |
| HSUPA | Sub - Test 1 | 22.82 | 22.74 | 22.75 |
| | Sub - Test 2 | 22.31 | 22.26 | 22.29 |
| | Sub - Test 3 | 22.76 | 22.78 | 22.75 |
| | Sub - Test 4 | 22.77 | 22.71 | 22.76 |
| | Sub - Test 5 | 22.73 | 22.76 | 22.71 |
| DC-HSDPA | Sub - Test 1 | 22.93 | 22.86 | 22.99 |
| | Sub - Test 2 | 23.02 | 22.84 | 22.98 |
| | Sub - Test 3 | 22.51 | 22.33 | 22.47 |
| | Sub - Test 4 | 22.5 | 22.32 | 22.46 |
| Antenna Gain (dBi) | | 3.48 | | |
| Max. ERP for FCC (dBm) | | 24.45 | | |
| ERP Limit for FCC (dBm) | | 38.45 | | |

Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).

ERP (dBm) = EIRP (dBm) + Antenna Gain (dBi) - 2.15 (dB).

Spot Check Test Result

| WCDMA Band II | | Conducted Power(dBm) | | |
|-------------------------|-------|----------------------|--------------|--------------|
| | | Channel 9262 | Channel 9400 | Channel 9538 |
| | | 1852.4(MHz) | 1880(MHz) | 1907.6(MHz) |
| RMC | 12.2k | 23.59 | 23.45 | 23.45 |
| | 64k | 23.25 | 23.54 | 23.09 |
| | 144k | 23.63 | 22.95 | 22.54 |
| | 384k | 23.22 | 22.84 | 22.97 |
| Antenna Gain (dBi) | | 4.64 | | |
| Max. EIRP for FCC (dBm) | | 28.27 | | |
| ERP Limit for FCC (dBm) | | 33.01 | | |

| WCDMA Band IV | | Conducted Power(dBm) | | |
|-------------------------|-------|----------------------|--------------|--------------|
| | | Channel 1312 | Channel 1413 | Channel 1513 |
| | | 1712.4 (MHz) | 1732.6 (MHz) | 1752.6(MHz) |
| RMC | 12.2k | 23.39 | 23.16 | 23.20 |
| | 64k | 23.50 | 23.25 | 23.52 |
| | 144k | 23.41 | 23.24 | 23.15 |
| | 384k | 23.38 | 23.87 | 23.58 |
| Antenna Gain (dBi) | | 4.14 | | |
| Max. EIRP for FCC (dBm) | | 28.01 | | |
| ERP Limit for FCC (dBm) | | 30.00 | | |

| WCDMA Band V | | Conducted Power(dBm) | | |
|-------------------------|-------|----------------------|--------------|--------------|
| | | Channel 4132 | Channel 4183 | Channel 4233 |
| | | 826.4(MHz) | 836.6(MHz) | 846.6(MHz) |
| RMC | 12.2k | 22.93 | 22.66 | 23.28 |
| | 64k | 23.48 | 23.27 | 23.3 |
| | 144k | 22.98 | 22.49 | 23.32 |
| | 384k | 23.43 | 22.71 | 23.02 |
| Antenna Gain (dBi) | | 3.48 | | |
| Max. ERP for FCC (dBm) | | 24.81 | | |
| ERP Limit for FCC (dBm) | | 38.45 | | |

Note: EIRP (dBm) = Burst Average power (dBm) + Antenna Gain (dBi).

ERP (dBm) = EIRP (dBm) + Antenna Gain (dBi) - 2.15 (dB).