

## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

| \Band    | Channel | PCL | Slot | Conducted Power (dBm) | ERP/EIRP (dBm) | ERP/EIRP Limit (dBm) | Verdict |
|----------|---------|-----|------|-----------------------|----------------|----------------------|---------|
| GPRS850  | 128     | 5   | 1    | 32.60                 | 31.98          | 38.45                | PASS    |
| GPRS850  | 128     | 5   | 2    | 32.46                 | 31.84          | 38.45                | PASS    |
| GPRS850  | 128     | 5   | 3    | 30.82                 | 30.2           | 38.45                | PASS    |
| GPRS850  | 128     | 5   | 4    | 29.43                 | 28.81          | 38.45                | PASS    |
| GPRS850  | 190     | 5   | 1    | 32.71                 | 32.09          | 38.45                | PASS    |
| GPRS850  | 190     | 5   | 2    | 32.61                 | 31.99          | 38.45                | PASS    |
| GPRS850  | 190     | 5   | 3    | 31.12                 | 30.5           | 38.45                | PASS    |
| GPRS850  | 190     | 5   | 4    | 29.30                 | 28.68          | 38.45                | PASS    |
| GPRS850  | 251     | 5   | 1    | 33.74                 | 33.12          | 38.45                | PASS    |
| GPRS850  | 251     | 5   | 2    | 33.65                 | 33.03          | 38.45                | PASS    |
| GPRS850  | 251     | 5   | 3    | 31.21                 | 30.59          | 38.45                | PASS    |
| GPRS850  | 251     | 5   | 4    | 29.33                 | 28.71          | 38.45                | PASS    |
| GPRS1900 | 512     | 0   | 1    | 30.33                 | 31.9           | 33.00                | PASS    |
| GPRS1900 | 512     | 0   | 2    | 30.21                 | 31.78          | 33.00                | PASS    |
| GPRS1900 | 512     | 0   | 3    | 30.05                 | 31.62          | 33.00                | PASS    |
| GPRS1900 | 512     | 0   | 4    | 29.88                 | 31.45          | 33.00                | PASS    |
| GPRS1900 | 661     | 0   | 1    | 30.43                 | 32             | 33.00                | PASS    |
| GPRS1900 | 661     | 0   | 2    | 30.31                 | 31.88          | 33.00                | PASS    |
| GPRS1900 | 661     | 0   | 3    | 30.16                 | 31.73          | 33.00                | PASS    |
| GPRS1900 | 661     | 0   | 4    | 29.97                 | 31.54          | 33.00                | PASS    |
| GPRS1900 | 810     | 0   | 1    | 30.52                 | 32.09          | 33.00                | PASS    |
| GPRS1900 | 810     | 0   | 2    | 30.41                 | 31.98          | 33.00                | PASS    |
| GPRS1900 | 810     | 0   | 3    | 30.26                 | 31.83          | 33.00                | PASS    |
| GPRS1900 | 810     | 0   | 4    | 30.09                 | 31.66          | 33.00                | PASS    |

| Band      | Channel | PCL | Slot | Conducted Power (dBm) | ERP/EIRP (dBm) | ERP/EIRP Limit (dBm) | Verdict |
|-----------|---------|-----|------|-----------------------|----------------|----------------------|---------|
| EGPRS850  | 128     | 8   | 1    | 25.07                 | 24.45          | 38.45                | PASS    |
| EGPRS850  | 128     | 8   | 2    | 24.94                 | 24.32          | 38.45                | PASS    |
| EGPRS850  | 128     | 8   | 3    | 24.73                 | 24.11          | 38.45                | PASS    |
| EGPRS850  | 128     | 8   | 4    | 24.46                 | 23.84          | 38.45                | PASS    |
| EGPRS850  | 190     | 8   | 1    | 25.42                 | 24.8           | 38.45                | PASS    |
| EGPRS850  | 190     | 8   | 2    | 25.27                 | 24.65          | 38.45                | PASS    |
| EGPRS850  | 190     | 8   | 3    | 25.10                 | 24.48          | 38.45                | PASS    |
| EGPRS850  | 190     | 8   | 4    | 24.90                 | 24.28          | 38.45                | PASS    |
| EGPRS850  | 251     | 8   | 1    | 25.18                 | 24.56          | 38.45                | PASS    |
| EGPRS850  | 251     | 8   | 2    | 25.08                 | 24.46          | 38.45                | PASS    |
| EGPRS850  | 251     | 8   | 3    | 24.88                 | 24.26          | 38.45                | PASS    |
| EGPRS850  | 251     | 8   | 4    | 24.63                 | 24.01          | 38.45                | PASS    |
| EGPRS1900 | 512     | 2   | 1    | 25.33                 | 26.9           | 33.00                | PASS    |
| EGPRS1900 | 512     | 2   | 2    | 25.27                 | 26.84          | 33.00                | PASS    |
| EGPRS1900 | 512     | 2   | 3    | 25.09                 | 26.66          | 33.00                | PASS    |
| EGPRS1900 | 512     | 2   | 4    | 24.92                 | 26.49          | 33.00                | PASS    |
| EGPRS1900 | 661     | 2   | 1    | 25.22                 | 26.79          | 33.00                | PASS    |
| EGPRS1900 | 661     | 2   | 2    | 25.12                 | 26.69          | 33.00                | PASS    |
| EGPRS1900 | 661     | 2   | 3    | 24.98                 | 26.55          | 33.00                | PASS    |
| EGPRS1900 | 661     | 2   | 4    | 24.80                 | 26.37          | 33.00                | PASS    |
| EGPRS1900 | 810     | 2   | 1    | 25.29                 | 26.86          | 33.00                | PASS    |
| EGPRS1900 | 810     | 2   | 2    | 25.21                 | 26.78          | 33.00                | PASS    |
| EGPRS1900 | 810     | 2   | 3    | 25.03                 | 26.6           | 33.00                | PASS    |
| EGPRS1900 | 810     | 2   | 4    | 24.85                 | 26.42          | 33.00                | PASS    |

Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For GSM1900)

ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For GSM850)