

## 5 RF EXPOSURE

**Clause:** 15.319 (i) / 12.0

**Requirement:** 1.1307(b), 2.1091 and 2.1093 / RSS-102 as appropriate

MPE  $\leq 1$  mW/cm<sup>2</sup> at 20 cm

SAR  $\leq 1.6$  W/kg over any 1 g of tissue

**Reference:** OET Bulletin 65 for General Population / Uncontrolled Exposure

**Test Result:** Base: Compliant  
Handset: Compliant

### 6.1 Base MPE

Power density  $S = \text{EIRP} / 4\pi R^2$ , where R is distance 20 cm  
 $= 79.5 / 4\pi(20)^2 = 0.016$  mW/cm<sup>2</sup> < 1 mW/cm<sup>2</sup> limit

### 6.2 Handset SAR

Refer to separate SAR testing report by Celltech