

RF EXPOSURE INFO

AMPS operations at the 850 MHz Band

Used limit for 850MHz fixed operation

- A) 0.57mW/cm^2 @ $20\text{cm}=2.865\text{W}$ (34.57dBm) as per §1.1310 table 1B
- B) 1000 W ERP for Cellular Radiotelephone Service as per §1.1307 Table 1

Max. permitted Antenna gain where no routine evaluation is required:

Ant. Gain = $34.57\text{dBm} - \text{measured cond. Power} = 34.57 - 29.5 = 5.07\text{dBi} - 2.14 = 2.93\text{dBD}$

Used limit for 850MHz mobile operation:

- C) 0.57mW/cm^2 @ $20\text{cm}=2.865\text{W}$ (34.57dBm) as per §1.1310 table 1B
- D) 1.5 W (31.76dBm) ERP for frequencies below 1.5 GHz as per §2.1091(c)

Max. permitted Antenna gain where no routine evaluation is required:

Ant. Gain = $31.76\text{dBm} - \text{measured cond. Power} = 31.76 - 29.5 = 2.26\text{dBD}$

06/24/04
Date
Cetecom Inc.
Company



sign

