

## RF Exposure Calculation

EIRP of basestation = 17.38 dBm/54.70 mW

Power Density (S) = [Maximum Conducted Average Power mW x Ant. Gain] / [4π x (20)<sup>2</sup>] or [EIRP] / [4π x (20)<sup>2</sup>]

Power Density = 54.70 mW / [4π x (20 cm)<sup>2</sup>] = 0.0108 mW/cm<sup>2</sup>

FCC 1.310 limit at 928 MHz = 0.61 mW/cm<sup>2</sup>