# RF Exposure Statement

1.    **FCC ID:** 2AHWAQTSHPWETH

2.    **Standard Applicable**

FCC 1.1310 Radiofrequency radiation exposure limits

3.    **Calculation**

Formula: $s = (pg)/(4\pi r^2)$

$s$ = power density$(mW/cm^2)$

$p$ = power at antenna$(mW)$

$g$ = gain of antenna

$r$ = distance (cm)

$(530 \times 1)/(4\pi 20^2) = .11 mW/cm^2$

4.    **Conclusion**

The power density at 20cm is $.11 mW/cm^2$ which is less than the $.61 mW/cm^2$ limit of FCC 1.1310.