

WOKF Folkston, Georgia

**RF Exposure Analysis**

This proposal specifies horizontal and vertical radiation of 3.2 kilowatts at 126 meters above ground level. Using the worst case model of 3.2 KW (H) + 3.2 KW(V) at 124 meters (toward the tower base with NO compensation for downward radiation), we calculate the absolute worst case power density to be 13.9 uW/cm<sup>2</sup> . The worst case calculated power density at a level of 2 meters above ground is less than 7% of the FCC's recommended maximum limit of .2mW/cm<sup>2</sup> for FM channels applicable to general population / uncontrolled exposure areas. The calculated power density is less than 1.5% of the recommended limit for occupational / controlled areas. Therefore it is believed that this proposal fully complies with all established limits for non-ionizing radiation / RF exposure currently in effect.

