



Exhibit 6

RF Radiation Analysis

In accordance with the order of Docket 79-144, as adopted January 1, 1986, the following analysis of human exposure to non ionizing RF radiation has been performed. Calculations are based the worst case models as set forth in OST Bulletin Number 65.

Facilities

KWJK
93.1 MHz
7.2 kW H&V
116 m AGL

Calculations

$$s = \frac{(0.64)(EIRP)}{\pi R^2}$$

$$s = \frac{(0.64)(1.64)(7,200 + 7,200)W(1000)mW/W}{\pi ((114 \text{ m})(100 \text{ cm.m})^2)}$$

$$s = 0.0370 \text{ mW/cm}^2$$

$$\text{ANSI Max} = 0.2 \text{ mW/ cm}^2$$

$$\text{KWJK percentage of ANSI Max} = 18.51\%$$

As the above calculations indicate, the worst case power density falls well below ANSI maximums for a non controlled environment and will pose no hazard due to exposure to non ionizing RF radiation. The actual power density, based on the downward radiation characteristics of the ERI 3 bay antenna, has a maximum of 3.881 $\mu\text{W/cm}^2$ which occurs at a distance of 57.2 meters from the tower base.

Bittersweet Broadcasting, Inc. further pledges to protect any workers from occupation overexposure to excessive levels of RF radiation by reducing power or ceasing the operation as necessary during periods of tower maintenance.