ENGINEERING STATEMENT OF JOEL T. SAXBERG

RADIOFREQUENCY ELECTROMAGNETIC FIELDS

With the proposed KBHQ antenna center mounted at 137 meters above ground level, "worst case" computations indicate REF levels of 0.37 mW/cm^2 at two meters above ground level. The proposed antenna, an ERI model SHPX-8AC, has a maximum downward relative field to 0.34, which produces a power density of less than 0.05 mW/cm^2 at two meters above ground level. When necessary for others to climb and work on the proposed tower, KBHQ will reduce or terminate transmissions to keep personnel from being exposed to radio frequency electromagnetic fields in excess of FCC guideline levels.