

## **EXHIBIT 17A**

### **ANSI Human Radiation Exposure**

A FCC FM-Model study was performed on the proposed K284CL facility. The study utilized a single element circular broadcast antenna located at 39 meters above ground. The antenna that is proposed for K284CL is not available in the FM-Model software so the non-directional antenna used in the study provided a worst-case example of what potential radiation exposure would be at 2 meters above ground. Actual levels should be considerably less because of the directivity of the 2 element yagi antenna at approximately 90 degrees off axis. The power level was 250 watts.

An FM-Model graph is included in Exhibit 17B which shows that the proposed facility complies with the ANSI human radiation exposure limits for the general population. The calculated radiation level of this proposed facility at 2 meters above ground is 7.3435 microwatts / centimeter squared, well under the maximum limit allowed.

It can be concluded from this study that this facility will cause no harmful human radiation exposure to anyone on the ground near the facility.

Thomas Huth Revocable Living Trust, owner of the proposed facility, will insure that if there are workman on the tower that this antenna is located on, that the translator power will be reduced or turned off. In no instance will this facility be allowed to operate with radiation levels that exceed those allowed by ANSI, and that could cause harmful radiation to workers on the tower.