

Exhibit #22

R.F. EMISSION COMPLIANCE STATEMENT

MINNESOTA PUBLIC RADIO

New Station Application
Grand Rapids, Minnesota
September 2007

CH 209C3

9.7 kW H & V Omni

The proposed antenna is energized so that it radiates 9.7 kW in both the horizontal and vertical planes, from a height above ground of 100 meters. Based on the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, the existing facility produces a worst-case maximum R.F. non-ionization radiation level at a position six feet above the tower base (head level - based on the C.O.R. of 100 meters above ground minus 2 meters) of 67.488 microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). This figure is without regard for the antenna's vertical elevation field value toward the nadir, which will cause a reduction in the predicted "worst case" calculations. 67.488 $\mu\text{W}/\text{cm}^2$ is 6.75 percent of the maximum standard value for the frequency in use for a controlled area and 33.74 percent of maximum for an uncontrolled area

There are two other sources of RF emissions on the tower. FM translator K236AD, operating with 0.017 kW ERP from an antenna height above ground of 101 meters is categorically excluded from environmental evaluation. Cellular license KNKN352 is also excluded, due to the antenna height above ground of 135 meters and power of 0.173 kW.

Since "worst case" calculations were used, and since it is well known that the actual RF power density level is considerably reduced at vertical angles toward the nadir the applicant is confident that actual RF contribution of this antenna will be less than is predicted here.

The applicant will protect workers at the site by either reducing ERP or terminating transmission.

Consequently, it appears that the proposed FM station will continue to be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.