

RF SAFETY COMPLIANCE

THE APPLICANT AGREES TO ABIDE WITH ALL RF SAFETY PROCEDURES AS SET FORTH IN OET BULLETIN 65 AND WILL REDUCE POWER OR SHUT DOWN COMPLETELY FOR ANY TOWER MAINTENANCE WORKERS. SIGNAGE WILL BE POSTED AS NEEDED AT THE TOWER AND TRANSMITTER BUILDING.

USING THE FCC'S FM MODEL FOR WINDOWS, AND A PROPOSED SHIVELY MODEL 6810 2 ELEMENT ANTENNA, THE MAXIMUM POWER DENSITY WAS FOUND TO BE 95 $\mu\text{W}/\text{cm}^2$ AT A DISTANCE OF 38.8 METERS FROM THE CENTER OF RADIATION. AROUND THE TOWER BASE AT 2 METERS ABOVE GROUND RF LEVELS VARIED BETWEEN 1 AND 60 $\mu\text{W}/\text{cm}^2$. THE TOWER WILL BE ENCLOSED BY A LOCKED PERIMETER FENCE.

THESE LEVELS MEET THE RF SAFETY STANDARDS SET FORTH IN OET 65 TABLE 1(A) FOR BOTH OCCUPATIONAL / CONTROLLED AND (B) GENERAL POPULATION / UNCONTROLLED RF EXPOSURE.