

RFR Statement of Compliance

Based on the FCC's *FM Model* program, which considers the specific antenna type and predicts the power density at two meters above ground level, a single bay FM antenna (EPA Type 1) is predicted to produce a maximum worst-case power density of $52.2 \mu\text{W}/\text{cm}^2$ at two meters above ground level. Use of the FM dipole antenna (EPA Type 1) in this instance allows for a worst-case RFR analysis.

Based on the calculations discussed above, the predicted power density represents only 26.1% of the FCC guideline value for uncontrolled RFR environments.

Further, the applicant is committed to reducing power and/or ceasing operation during times of service or maintenance of the transmission systems as necessary to avoid potentially harmful exposure to personnel. In light of the above, the proposed facility should be categorically excluded from RF environmental processing under section 1.1307(b) of the Commission's rules.