



RADIO FREQUENCY IMPACT & ENVIRONMENTAL SAFETY

STATEMENT OF COMPLIANCE

The proposed WFMJ-TV auxiliary facility will operate with a maximum ERP of 375 kW from a horizontally polarized directional transmitting antenna with a centerline height of 240.8 meters above ground level (AGL). Considering that, at any depression angle greater than 10° below the horizon in the vertical plane the relative field factor does not exceed 0.250, the WFMJ-TV facility is predicted to produce a worst-case power density at two meters above ground level of $13.731 \mu\text{W}/\text{cm}^2$, which is 4.05% of the FCC guideline value of $339.33 \mu\text{W}/\text{cm}^2$ for an "uncontrolled" environment, and 0.810% of the FCC's guideline value for "controlled" environments. Therefore, pursuant to Section 1.1307(b)(3) of the FCC Rules, because the proposed facility would not exceed 5% of the uncontrolled and controlled exposure limits, the proposal's power density contribution is considered insignificant.

Further, the applicant will continue to cooperate and coordinate with other any other site users and reduce power or cease 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.