



RADIO FREQUENCY IMPACT, SAFETY & STATEMENT OF COMPLIANCE

The licensee of WNYO-TV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WNYO-TV antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

The proposed WNYO-TV channel 49 pre-transition STA facility will operate with a maximum ERP of 105 kW from a horizontally polarized directional transmitting antenna with a centerline height of 301.75 meters above ground level (AGL). Considering a conservative predicted vertical plane relative field factor of 0.425 the WNYO-TV facility is predicted to produce a worst-case power density at two meters above ground level of $7.088 \mu\text{W}/\text{cm}^2$, which is 1.56% of the FCC guideline value of $455.33 \mu\text{W}/\text{cm}^2$ for an “uncontrolled” environment, and 0.312% 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.