

Environmental/RF Radiation Compliance

WMGT-TV is proposing to replace an existing antenna on its tower with a new antenna at the same height on the same tower. Neither an addition to the height of the tower nor any construction of a new tower is contemplated. As no changes affecting the environment are planned, no environmental assessment is needed.

Additionally, the height of the radiation center proposed is the same height as currently authorized, 210 meters above ground level. It has previously been determined in connection with the station's current authorization that transmission with an ERP of 110 kW at this height ensures that the power density at two meters is less than five percent of the level permitted by the NCRP standard as outlined in the Commission's OET Bulletin 65 for both occupational and general population. As noted above, the new antenna is proposed to be installed at the same height as the current antenna, only with ERP reduced to 90.1 kW. Accordingly, the power density will remain well below an acceptable level.