

ENVIRONMENTAL COMPLIANCE
W287DQ CLEVELAND, OHIO 260D
RADIO.COM, LLC
FCC FORM 349
JULY 2020

The facility proposes to utilize a Nicom BKG77 2 bay, 0.75 wavelength-spaced, with an Effective Radiated Power of 0.180 kW at a buiding site. The proposed Center of Radiation will be 14 meters Above Ground Level.

Calculations were made using FM Model for Windows, version 2.10. FM Model. The building is a church and only has one floor. The model predicts a peak exposure of $4.929 \mu\text{W}/\text{cm}^2$ at a distance of 4.8 meters from straight below the antennas. This represents less than 2.5%, less than 5 %, of the allowable Maximum Permissible Exposure ("MPE") of $200 \mu\text{W}/\text{cm}^2$ for uncontrolled environments at any point on the ground. The applicant will ensure that the public access to the antennas is restricted by fencing, anti-climb devices or other appropriate measures. If climbing of the tower by authorized personnel becomes necessary, transmitter power will be reduced to safe operating levels or transmission will be terminated, if necessary, as not to exceed the RF exposure limits to tower workers. The licensee will cooperate with other users at the site with the scheduling of such tower or antenna maintenance. At this point in time, the licensee is the only occupant.