

K47JO-D, New Orleans, Louisiana  
Facility ID# 61030  
26 March, 2018

#### Environmental Statement

Access to this tower site is restricted from public access by a tall fence with a locked gate to which only authorized users have the combination. The gate and the tower are posted with registration and RF caution signs and the one entrance gate is the only means of access to the tower area. The proposed construction is on an existing registered broadcast tower requiring no new ground construction. The entire site would reasonably be considered an occupational site with no public access.

The existing and proposed K47JO-D antenna center is at 248 meters AGL. The maximum case of any LPTV station at UHF would be circular polarization with 15 kW in the horizontal plane and another 15 kW in the vertical plane on channel 14. Using the general exposure formula  $S = (.256)(1.64)(100)(F^2) (ERP)/4\pi R^2$ , the absolute worst case vertical separation with an antenna factor of 1.0 would be 8.1 meters for occupational exposure and 17.9 meters for public exposure. Thus the proposed construction is considered to have a negligible contribution to any RF levels on the ground.

Further, the same tower hosts KPXL-TV at 1 megawatt plus two other TV stations and at least one other LPTV station. The proposed is less than 5 percent of the power of KPXL alone, making it a minor contributor of no consequence.

An information sign at the site lists contact information a crew can use to have K74JO-D emissions reduced or terminated to protect tower crews working in the vicinity of the antenna.

These facts clearly demonstrate that this application does not present any significant environmental hazard as defined in the FCC Rules and Regulations and outlined in OET bulletin 65 & 65a.