

ENVIRONMENTAL AND RADIO FREQUENCY EXPOSURE STATEMENT
L4 MEDIA GROUP, LLC
MINOR CHANGE IN LICENSED FACILITY
KBXS-CD, SHREVEPORT, LA
PROPOSED: CH 20, 0.024 KW-DIRECTIONAL, 80.0 m AGL

The transmit antenna for the KBXS-CD assigned repack facility will be mounted on top of a multi-story building with the building having an overall height 87 meters. Space would be leased from a building in a downtown area that does not hold an Antenna Structure Registration number. There will be no environmental impact with the antenna being located on the roof of this existing building.

The KBXS-CD facility, operating on repack channel 20, was evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the antenna is located 80.0 meters above ground level. The proposed operation was evaluated using Far-Field Equation (1) on page 30 of Supplement A to OET Bulletin No. 65 (August 1997). The ERP utilized in the calculations was set to the maximum ERP value of 0.024 kW which is the total power radiated in the horizontal plane. Conservative elevation-plane antenna relative field values ["F" in Equation (1)] were utilized with a minimum value of 0.3 used in the analysis. The maximum calculated power density at 2 meters (6.6 feet) above ground level is 0.00001 mW/cm² which is 0.00% of the FCC's recommended limit of 1.70 mW/cm² for an occupational/controlled environment and 0.00% of 0.34 mW/cm² for general public/uncontrolled exposure. There are no other RF contributors that need to be considered in at the site.

Access to the roof top where the transmitting antenna is located and to any radio frequency generating equipment is restricted and will be appropriately marked with warning signs. In the event that workers or other authorized personnel enter restricted areas, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the station is at reduced power or shut down.