

MINOR CHANGE APPLICATION
FAMILY LIFE EDUCATIONAL FOUNDATION
KFLO-FM RADIO STATION
CH 206C2 - 89.1 MHZ - 38.0 KW (DA)
BLANCHARD, LOUISIANA
April 2008

EXHIBIT B

Radio Frequency Assessment

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. §1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997 ("Bulletin"), regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. This study considers all nearby contributing stations and utilizes the appropriate formulas contained in the OET Bulletin.¹

The proposed KFLO-FM antenna system will be mounted with its center of radiation 100.0 meters (328.1 feet) above the ground at the tower location and will operate with an effective radiated power of 38.0 kilowatts in the horizontal and vertical planes (circularly polarized). At 2.0 meters above the ground at the base of the tower, the height of an average person, the KFLO-FM antenna system will contribute 0.1591 mw/cm^2 .² Based on exposure limitations for a controlled environment, 15.9% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 79.6% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

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- 1) The contribution of the FM station was calculated with the FMModel program. The EPA dipole antenna was used for calculations unless otherwise noted.
 - 2) This level of contribution occurs at 27.0 meters out from the tower and is considered worst case.

Since this level for uncontrolled environments is below the 100% limit defined by the Commission, the proposed KFLO-FM facility is believed to be in compliance with the radio frequency radiation exposure limits as required by the Federal Communications Commission. Further, FLEF will post warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, FLEF will reduce the power of the facility or cease operation, in cooperation and coordination with other tower users, as necessary, to protect persons having access to the site, tower or antenna from radio frequency radiation in excess of FCC guidelines.