

**DIGITAL FLASH-CUT APPLICATION**  
**TRI-STATE BROADCASTING, L.L.C.**  
**KKAX-LP LPTV STATION**  
**CH 36 - 602 - 608 MHZ - 0.022 KW (DA)**  
**HILLTOP, ARIZONA**  
**August 2011**

**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. The KKAX-LP antenna system is/will be located on one of numerous towers/poles located in the same general vicinity of the KKAX-LP facility (within 315.0 meters). Therefore, this location is considered a tower farm. This study utilizes the appropriate formulas contained in the OET Bulletin.

The proposed KKAX-LP Channel 36 digital antenna system will be mounted with its center of radiation 9.5 meters (31.0 feet) above ground and will operate with an effective radiated power of 0.022 kilowatt in the horizontal plane. At 2.0 meters above the ground at the base of the tower, the proposed KKAX-LP antenna system will contribute  $0.0052 \text{ mw/cm}^2$ . Based on exposure limitations for a controlled environment, 0.3% of the allowable ANSI limit is reached at 2.0 meters above the ground. For the uncontrolled environment, 1.3% of the limit is reached at 2.0 meters above the ground.

Since the levels for both controlled and uncontrolled environments are each less than the 5% limit defined by the Commission in §1.1307(b)(3)(i) and the KKAX-LP antenna is located on a tower in a tower farm, this proposal is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, Tri-State has posted warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, Tri-State will reduce the power of the facility or cease operation, in cooperation and coordination with other site users, as necessary, to protect persons having access to the site, structure or antenna from radio frequency radiation in excess of FCC guidelines.