

**Environmental Statement**

Application for new Digital Companion  
Channel at Virgin, UT.  
KUTV Holdings, Inc.  
February 13, 2007

KUTV Holdings, Inc. (herein KUTV), the licensee of translator station K02AW, Virgin, Utah, seeks translator digital companion channel 19, with an effective radiated power of 0.125kW horizontally polarized. The transmitting antenna is comprised of a Scala model PR-450CU "Paraflector" with a maximum lobe at 120° installed 4m above ground level. The antenna manufacturer specifies that the relative field of the antenna in the vertical plane is less than 0.1 beyond a depression angle of -15°.

An analysis has been made of the human exposure to RFR using the calculation methodology described in OET Bulletin 65, Edition 97-01, prepared by the FCC Office of Engineering and Technology. This analysis was made at a reference point two meters above ground level out from the base of the antenna supporting structure until the maximum exposure was found.

At the point 2 meters AGL the calculated antenna power density does not exceed the FCC MPE limit for general population/uncontrolled exposure at any location on the ground. Since this is a multi-user site, all emitters contributing in excess of 5% of the applicable MPE must be considered. The antenna site is in a state of constant change at this time due to construction of other digital upgrades. Therefore it is not currently practical to calculate the total site RF environment.

When work is completed at the Virgin, UT site, measurements will be taken to confirm total RF compliance with the Commission's rules for maximum permissible exposure to un-controlled and controlled environments. The site remains fenced with a locked gate. In addition, an escort is required for anyone to gain access. If work is done on the tower in an area where over exposure could occur, KUTV and others will take

necessary action to prevent the overexposure of workers on the antenna structure including reducing the translator transmitting power or ceasing operation completely. In addition, KUTV will cooperate with other site users to assure that work is performed at the site without exceeding the applicable FCC MPE levels.

The instant proposal is categorically excluded from environmental processing since none of the conditions of Sections 1.1306(b)(1), (2), or (3) of the FCC Rules would be involved for the following reasons:

1. The proposed antenna facility will utilize an existing supporting structure that is not in or near any location referenced in Section 1.1306(b)(1) of the FCC Rules as being of environmental interest.
2. The provision of Section 1.1306(b)(2) of the FCC Rules relating to the use of high-intensity strobe lighting does not apply since no change in the existing lighting is proposed.
3. Finally, with regard to RFR exposure concerns, compliance with applicable FCC MPE limits would be achieved.