

**MINOR CHANGE APPLICATION**  
**MERIDIAN COMMUNICATIONS OF IDAHO, INC.**  
**NEW DT TV STATION**  
**CH 20 - 506-512 MHZ - 50.0 KW**  
**IDAHO FALLS, IDAHO**  
**February 2008**

**EXHIBIT C**

**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 utilizes the appropriate formulas contained in the OET Bulletin. The proposed antenna system is to be located on a tower located at a site with multiple towers and considered a tower farm.

The proposed New DTV antenna system will be mounted with its center of radiation 91.4 meters (300.0 feet) above the ground at the tower location and will operate with an effective radiated power of 50.0 kilowatts in the horizontal plane. As denoted in OET Bulletin #65, Supplement A, Page 31, the typical UHF antenna system has a downward radiation field of 0.1 As such, the New DTV antenna system radio frequency radiation calculations were made based on an effective radiated power of 0.5 kilowatts. At 2.0 meters above the ground at the base of the tower, the height of an average person, the New DTV antenna system will contribute 0.0008 mw/cm<sup>2</sup>. Based on exposure limitations for a controlled environment, <0.1% of the allowable

ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 0.2% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

Since this level for controlled and uncontrolled environments is less than the 5% limit defined by the Commission (§1.1307(3)(i)), the proposed New DTV facility is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, MCI will post warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, MCI 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.