



## **SOUTHERN BROADCAST SERVICES**

80 COMMERCE DRIVE, SUITE B - P.O. BOX 1648 - PELHAM, ALABAMA 35124

(205) 663-3709 - FAX (205) 663-7108

### **Radio Frequency Radiation Statement Radio Frequency Radiation Statement**

The facility was evaluated in terms of potential radio frequency radiation exposure at ground level and was found not to be eligible to use OET Bulletin No. 65, "Evaluating Compliance with FCC-Specified Guidelines for Human Exposure to Radio Frequency Radiation" evaluation methodology. An alternative methodology has been used.

#### **General Population / Uncontrolled Exposure:**

To determine the level of RF exposure, measurements were made on October 6, 2012 utilizing the facilities authorized in Construction Permit BPH-20101122ABH. The measurements were made in all accessible areas at the transmitter site and surrounding areas. A Narda meter for Controlled Exposure for frequencies ranging from 300 KHz to 3.0 GHz was used. Measurements were made at 6 feet above the ground while walking the entire area at the site and in the adjacent areas out to a distance of 250 feet from the tower base. The maximum RF exposure level 6.5 % of the Occupational / Controlled Exposure limit, which occurs at a distance of 180 feet from the tower base, and drops off as the distance from the tower is increased. This is below the 20% limit for General Population/Uncontrolled Exposure. Therefore, WLRH (FM) does comply with OET Bulletin 65 Edition 97-01 with regard to General Population/Uncontrolled Exposure.

#### **Occupational / Controlled Exposure:**

Using the measurement methods described above, measurements were also taken inside the WLRH (FM) transmitter room and inside the fence that surrounds the tower. The RF Exposure level inside the transmitter room was 2.4 % of the Occupational / Controlled Exposure Limit, which was observed near WLRH Harris Transmitter. The maximum RF Exposure level measured inside the fence and around the base of the tower was 2.5 % of the Exposure Limit. A security fence that is securely locked surrounds the WLRH (FM) tower and RF Radiation warning signs are posted at appropriate intervals along the fence. WLRH (FM) in coordination with other users of the site will reduce power or cease operations as necessary to protect persons having access to the site, tower or antenna from RF Exposure in excess of FCC guidelines. Therefore, WLRH (FM) also complies with OET Bulletin 65 Edition 97- 01 with regard to Occupational/Controlled Exposure.

Jimmy W. Coleman Jr.  
President  
Southern Broadcast Services