

Engineering Exhibit
WDXB(FM), Jasper, AL (FID#2114)
WMJJ(FM), Birmingham, AL (FID#2111)
RF Radiation Compliance

Although WDXB(FM) and WMJJ(FM) are not eligible to use the “RF Exposure Worksheet”, the facility does comply with the FCC established guidelines regarding exposure to RF electromagnetic fields as described in OET Bulletin 65 Edition 97-01. The alternate method for showing compliance is described below.

Facilities:

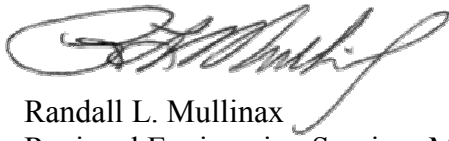
WDXB(FM) and WMJJ(FM) utilize a common 6-bay, ERI “Rototiller” Antenna, mounted on a 214 meter, guyed tower with a Center of Radiation of 206 meters above ground level. WDXB(FM) is licensed for an ERP (H & V) of 90 kW. WMJJ(FM) is licensed for an ERP (H & V) of 100 kW. The transmitting facility of WDJC-FM is located on a separate tower at a distance of 100 meters, and the transmitting facility of TV Translator WBMA-LP is located on a separate tower at a distance of 460 meters from the WDXB(FM) and WMJJ(FM) tower.

General Population/Uncontrolled Exposure:

To determine the level of RF exposure, measurements were made on October 16, 2003 in all accessible areas at the transmitter site and surrounding areas. A Narda survey meter model 8718B with an A874-2D probe was utilized. The probe is calibrated in percent of limit for Controlled Exposure for frequencies ranging from 300KHz to 3.0 GHz. The “Max Hold” setting was used to record the highest levels measured. Measurements were made at 2 meters above the ground while walking the entire area at the site and in the adjacent areas out to a distance of 200 meters from the tower base. The maximum RF exposure level measured was 2.29 % of the Occupational/Controlled Exposure limit, which occurs at a distance of 80 meters 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, WDXB(FM) and WMJJ(FM) do 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 transmitter building and inside the fence that surrounds the tower. The maximum RF Exposure level measured inside the transmitter building was 0.96 % of the Occupational/Controlled Exposure Limit. The maximum RF Exposure level measured inside the fence and around the base of the tower was 1.93 % of the Exposure Limit. A security fence that is securely locked surrounds the tower and RF Radiation warning signs are conspicuously posted at appropriate intervals. Therefore, WDXB(FM) and WMJJ(FM) also comply with OET Bulletin 65 Edition 97-01 with regard to Occupational/Controlled Exposure.



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