

**Engineering Exhibit
WBVV (FM)
Guntown, MS (Facility ID# 71214)
RF Radiation Compliance**

This proposed facility does comply with OET Bulletin 65 Edition 97-01 with regard to General Population/Uncontrolled Exposure and Occupational/Controlled Exposure. The proposed antenna location is to be a shared tower supporting both WBVV Guntown, and WESE Baldwin Mississippi.

Facilities:

The proposed WBVV facility is to operate with 15.5 KW (H&V) and utilize a 4 bay full wave spaced ERI roto-tiller style antenna with a center of radiation 85 meters above ground on the common tower.

The proposed WESE facility is to operate with 12.5 KW (H&V) and utilize a 4 bay full wave spaced ERI roto-tiller style antenna with a center of radiation 100.5 meters above ground on the common tower.

Prediction Method:

The FCC's version of the FM computer model (version 2.1) as referenced in "Supplement A Edition 97-01 to OET Bulletin 65 Edition 97-01" was used to determine the RF power density at various distances from the towers used by WBVV and WESE. A total of 500 data points were used over a total distance of 400 meters from the tower. This distance was deemed sufficient since the power density decays to extremely small levels beyond this distance.

For WBVV the maximum predicted RF power density of 13.0 uW/cm² occurs at a distance of 34.4 meters from the base of the common tower. This is also 6.5 % of the General Population/Uncontrolled Exposure limit of 0.2MW/cm²

For WESE the maximum predicted RF power density of 7.46 uW/cm² occurs at a distance of 40 meters from the base of the tower. This is also 3.8 % of the General Population/Uncontrolled Exposure limit of 0.2MW/cm²

Compliance With General Population/Uncontrolled Exposure Limit:

The sum total of the worst case predicted power density for WESE and WBVV is 10.23% of the General Population/Uncontrolled Exposure. Thus, WESE and WBVV comply with the General Population/Uncontrolled Exposure limit.

Since the WESE and WBVV site complies with the General Population/Uncontrolled Exposure limit at all locations, it also complies with the Occupational/Controlled exposure limit at all areas normally accessible by workers. Appropriate warning signs are in place at the base of the tower. WESE and WBVV will reduce power or cease operation as necessary to protect workers on the tower.