

Comprehensive Engineering Exhibit  
WFBX (FM) Facility ID 61262  
Minor Change Application  
February 5, 2007

By this application it is sought to modify the facility of WFBX (FM) to specify a new class of operation, and make minor corrections to the antenna elevation data. This is a contingent application with one filed this day for station WBPC, Ebro, Florida.

The proposed WFBX (FM) antenna is to be non-directional and is located 298 meters above ground level upon a tower described by antenna structure registration number 1030342.

From this location WFBX (FM) is fully spaced as a Class C0 facility in accordance with Section 73.207 to all known facilities, applications and allocations. This facility is at a Height Above Average Terrain (HAAT) of 303 meters.

The facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The proposed antenna system is an EPA type 3, 10- bay, 1.0 wave spaced "Roto Tiller" style antenna, mounted with its center of radiation 298 meters above ground level. This proposal will operate with an effective radiated power of 100 kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 72 meters from the base of the tower, this proposal will contribute worst case 3.92 microwatts per square centimeter, or 0.39 percent of the allowable ANSI limit for controlled exposure, and 1.97 percent of the allowable limit for uncontrolled exposure. This figure is less than 5% of the applicable FCC exposure limit at all locations extending out from the base of the tower. Section 1.1307(b)(3) excludes applications when the calculated level is predicted to be less than 5% of the applicable exposure limit. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.