

Citicasters Licenses, Inc.
Comprehensive Engineering Exhibit
Minor Change Application for WVMX (FM)
Facility ID No. 59593
Cincinnati, OH

Citicasters Licenses Inc. seeks to re-locate the transmission facilities of WVMX. The proposed location is that of the stations presently authorized Auxiliary, BLH-19981112KJ. The proposed facility is the same height, only a change in power level is proposed.

SPACING:

Fully spaced except to WKWH-FM, WFCJ, and WKKJ.

WKWH-FM is a Class A station and became short spaced to WVMX as a result of Docket No. 88-375, thus processing using 73.213(c)(1) is requested. Using this table this proposal is fully spaced.

WFCJ is a 2nd adjacent station that is historically short spaced to WVMX since 16 November 1964, thus processing using 73.213(a)(4) is requested.

WKKJ is a co-owned station operating under authority of 73.215 with respect to the present authorization of WVMX. A concurrent application is being filed to modify the directional antenna pattern of WKKJ that will maintain the contour separation of WKKJ and WVMX.

Radio Frequency Radiation Study and Statement

The Proposed 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 WVMX (FM) antenna system is a ERI EPA type 3, 2 section full-wave spaced "roto-tiller" style antenna, mounted with its center of radiation 247 meters above ground level, and will operate with an effective radiated power of 16 kilowatts in both the

horizontal and vertical planes. At 2 meters, the height of an average person, at a distance of 2 meters from the base of the tower, this proposal will contribute worst case, 0.52 microwatts per square centimeter, or 0.05 percent of the allowable ANSI limit for controlled exposure, and 0.3 percent of the allowable limit for uncontrolled exposure. At the tower base, power density is even lower. 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 warning 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.