

**MINOR CHANGE APPLICATION/
MODIFY BXMLED-20030407ABF
CENTRAL FLORIDA EDUCATIONAL FOUNDATION, INC.
WPOZ AUXILIARY FM RADIO STATION
CH 202C1 - 88.3 MHZ - 10.0 KW
UNION PARK, FLORIDA
October 2008**

EXHIBIT C

Radio Frequency Assessment

A study has been made to determine whether this proposal is in compliance with 47 C.F.R. §1.1307 of the Commission's rules and with OET Bulletin #65, dated August 1997 ("Bulletin"), regarding human exposure to radio frequency radiation in the vicinity of broadcast towers. As the WPOZ auxiliary system is located on a tower in close proximity to other towers, the WPOZ antenna supporting structure is considered as being located in a defacto tower farm. This study utilizes the appropriate formulas contained in the OET Bulletin.¹

The WPOZ auxiliary antenna system will be mounted with its center of radiation at 438.2 meters (1,437.6 feet) above the ground at the tower location and will operate with an effective radiated power of 10.0 kilowatts in the horizontal plane. At 2.0 meters above the ground at the base of the tower, the height of an average person, the WPOZ auxiliary antenna system will contribute 0.0005 mw/cm^2 .² Based on exposure limitations for a controlled environment, <0.1% of the allowable ANSI limit is reached at 2.0 meters above the ground at the base of the tower. For uncontrolled environments, 0.3% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

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- 1) The contribution of the FM station was calculated with the FMModel program. The EPA dipole antenna was used for calculations unless otherwise noted.
 - 2) This level of contribution occurs at 252.0 meters out from the tower and is considered worst case.

Since this level for both controlled and uncontrolled environments is less than the 5% limit defined by the Commission (§1.1307(3)(i)), the proposed WPOZ auxiliary antenna is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. Further, CFEF will post warning signs in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, CFEF will reduce the power of the facility or cease operation, in cooperation and coordination with other tower users, as necessary, to protect persons having access to the site, tower or antenna from radio frequency radiation in excess of FCC guidelines.