

**MINOR CHANGE APPLICATION**  
**MADIFIDE, INC.**  
**WFID (FM) RADIO STATION**  
**CH 239B - 95.7 MHZ - 11.5 KW**  
**RIO PIEDRAS, PUERTO RICO**  
**June 2008**

**EXHIBIT A**

**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. This study considers all nearby contributing stations and utilizes the appropriate formulas contained in the OET Bulletin.<sup>1</sup> The proposed WFID tower location is in a de facto tower farm.

The proposed WFID antenna system is to be mounted with its center of radiation 48.8 meters (160.1 feet) above the ground at the tower location and will operate with an effective radiated power of 11.5 kilowatts in the horizontal and vertical planes (circularly polarized). The WFID antenna is to be an Electronics Research rototiller style four bay half wavespaced antenna system (FCC/EPA Type 3). At 2.0 meters above the ground at the base of the tower, the height of an average person, the WFID antenna system will contribute 0.0088 mw/cm<sup>2</sup>.<sup>2</sup> Based on exposure limitations for a controlled environment, 0.9% of the allowable limit is reached at 2.0

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- 1) The contributions of the FM stations were calculated with the FMModel program. The EPA single bay dipole antenna was used for calculations unless otherwise noted.
  - 2) This level of field occurs at 182.0 meters out from the base of the tower and is considered worst case.

meters above the ground at the base of the tower. For uncontrolled environments, 4.4% of the ANSI limit is reached at 2.0 meters above the ground at the base of the tower.

Since this level for controlled and uncontrolled environments is less than the 5% limit defined by the Commission in §1.1307(b)(3)(i), and the proposed WFID facility is located in a de facto tower farm, this proposal is believed to be in compliance with the radio frequency radiation exposure limits, as required by the Federal Communications Commission. MI will also insure that warning signs have been posted in the vicinity of the tower warning of potential radio frequency radiation hazards at the site. In addition, MI 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.