

**MINOR CHANGE APPLICATION**  
**MADIFIDE, INC.**  
**WFID RADIO STATION**  
**CH 239B - 95.7 MHZ - 10.5 KW**  
**RIO PIEDRAS, PUERTO RICO**  
**June 2004**

**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>3</sup>

The WFID antenna system will be mounted with its center of radiation 55.5 meters (182.2 feet) above the ground at the proposed tower location and will operate with an effective radiated power of 10.5 kilowatts in the horizontal and vertical planes (circularly polarized). At two meters, the height of an average person, above the ground at the base of the proposed tower, the WFID antenna system will contribute 0.1475 mw.<sup>4</sup> Based on exposure limitations for a controlled environment, 14.8% of the allowable limit is reached at two meters above the ground at the base of the proposed tower. For uncontrolled environments, 73.8% of the limit is reached at two meters above the ground at the base of the tower.

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3) The contribution of the FM facility was calculated using the FM Model program. A single bay EPA dipole antenna was used for calculation purposes, unless otherwise noted.

4) This level of field occurs at 14.4 meters out from the base of the tower and is considered worst case.

Since this level for uncontrolled environments is below the 100% limit defined by the Commission, the proposed WFID facility is believed to be in compliance with the radio frequency radiation exposure limits as required by the Federal Communications Commission. Further, MM will insure warning signs are 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 proposed 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. Based on the above factors, this proposal is categorically excluded from environmental processing pursuant to §1.1306 of the Commission's rules.