

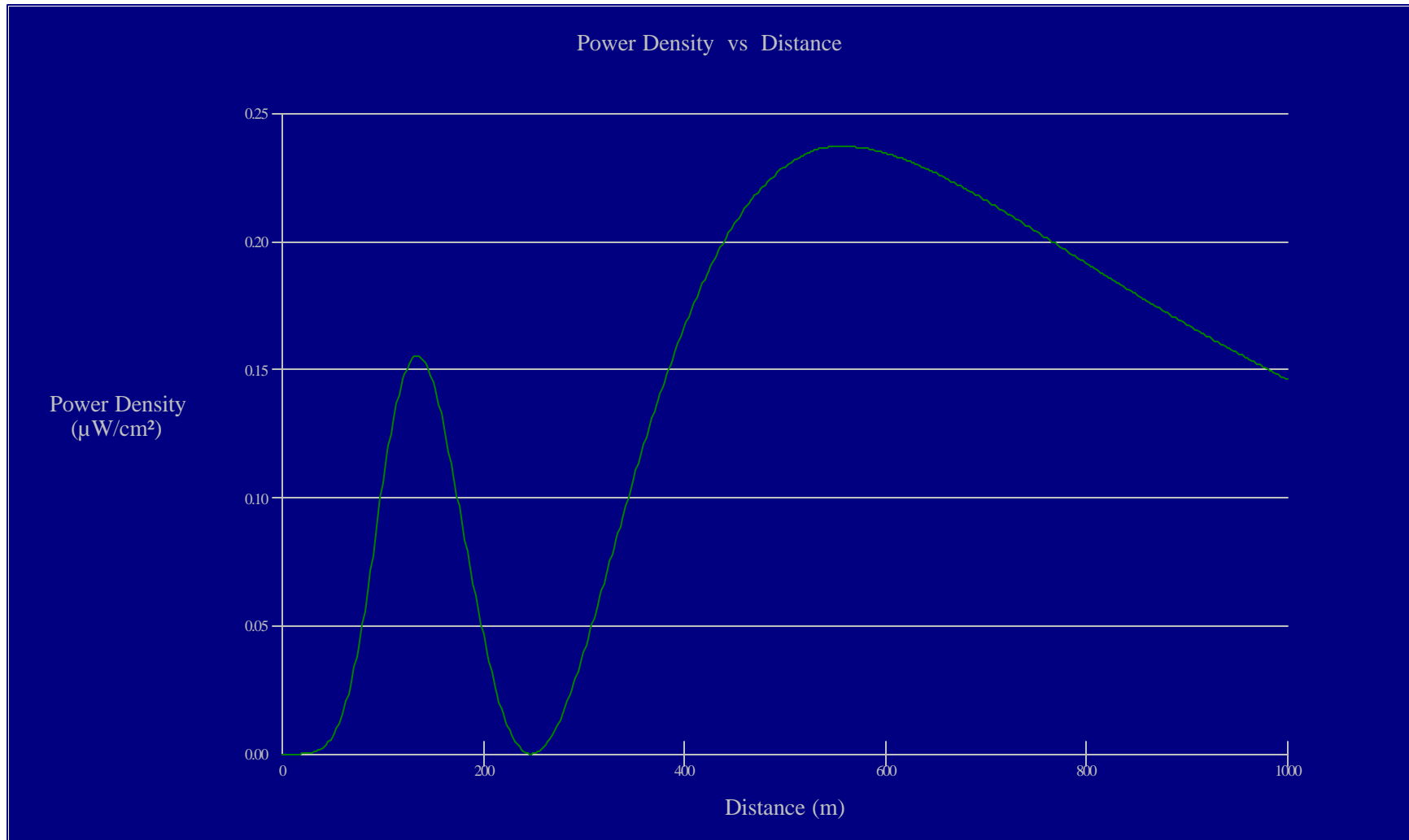
TECHNICAL EXHIBIT  
SUPPORTING AM 301 APPLICATION FOR  
MINOR MODIFICATION TO EXISTING FACILITY  
M&M BROADCASTERS, LTD  
KRQX-FM, MART, TX  
FACILITY ID # 21494

**PURPOSE OF APPLICATION**

M&M Broadcasters, LTD, ("M&M") seeks to modify KRQX-FM by changing the city of license to Mart, TX with relocated technical facilities. The proposed facility is a new tower in a rural area with the NAD27 coordinates of N 31°37'17". W96°45'13". The proposed new tower is essentially the same as the existing facility at a different location. The proposed facility will operate with 2.9 kW Horizontal and Vertical, at a height above average terrain of 147 meters. This is equivalent to a full Class A facility.

**ENVIRONMENTAL**

The entire proposed site is fenced. The tower base and building perimeter of the proposed new tower will be fenced. The site was evaluated using guidelines specified in OET Bulletin 65, Supplement A, Edition 97-01, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields" (*Additional Information for Radio and Television Broadcast Stations*) and the OET FM Model Program. Based on the FM Model output, the maximum power density level at 2 meters above ground level is .235 microwatts/cm<sup>2</sup> at 556 meters from the base of the tower. This is .12% of the maximum for general population, uncontrolled exposure level and exempts the proposed facility from further study, as it is a non-contributor. See the following page for a graph from the output of the FM Model Program. The proposed location is located on rural ranch land of no historical significance.



Horizontal ERP 2900 Watts    EPA Type 2, ERI or Jampro "Rototiller" Half wave spaced, 4 elements  
Vertical ERP 2900 Watts  
Antenna Height AGL (m): 145.7