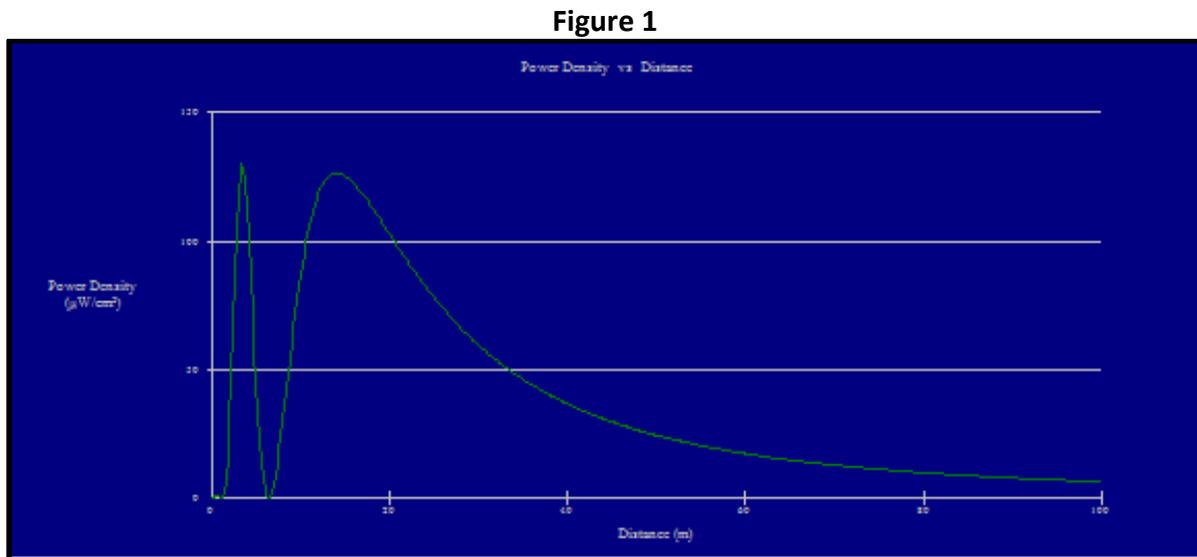


Environmental Protection Statement

An analysis of the proposed McNeese State University ("MSU") site was performed using the Commission's FM Model program. The proposed antenna is a three bay Shiveley 6812B. This 0.7 wave spaced antenna has a maximum ERP of 1000 W. The antenna will be mounted at 91.08 meters above ground level on the roof of the l'Auberge du lac building. The 3 bay antenna was analyzed using the following parameters.

Horizontally Polarized Radiation	1000.0 W
Vertically Polarized Radiation	1000.0 W
Distance from Center of Radiation	
Downward to rooftop	5.48 meters
Type of Antenna	6812B
Number of Antenna Elements	3
Antenna Element Spacing	0.7 λ

The following Figure 1 was produced using the FCC FM Model:



Maximum Value: 130.3 $\mu\text{W}/\text{cm}^2$.

This configuration produces a maximum of 130.3 microwatts per square centimeter at rooftop level at a distance of 3.4 meters horizontally from a point in space 5.48 m directly under the antenna. This is 65.15% of the 200 microwatts per square centimeter allowed for uncontrolled exposure. The general public is not allowed within the roof structure. The power density level below the roof is less than this value. The general public will not be exposed to power density levels exceeding the allowed exposure value. Maintenance personnel will be fully informed of the antenna and safety precautions will be taken when working near the structure. Danger signs will be posted in all locations expected to receive more than the 200 microwatts per square centimeter allowed for uncontrolled exposure.



Figure 2 L'Auberge du lac

The antenna will be mounted on the topmost right flat roof of the L'Auberge du lac building. The top of the building exceeds the height of the antenna support structure. Low power two-way type antennas are presently installed at the site.

In the main lobe of the antenna, the maximum power radiated horizontally outward from the center of radiation of the FM antenna is 1000 W (horizontal and vertical polarization). There are no nearby occupied structures in the main lobe of the antenna.

The applicant certifies that it, in coordination with any other users of the site, will reduce power or cease operation as necessary to protect persons having access to the rooftop site from radio frequency electromagnetic exposure in excess of FCC guidelines.

This McNeese State University proposal has no significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments. Therefore, this proposal is excluded from environmental processing.

A handwritten signature in cursive script that reads "Charles F. Ellis".

Charles F. Ellis PE
Ellis Engineering
December 18, 2013