

## **Environmental Effects**

Educational Media Foundation (“EMF”) certifies that WQLR complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because of the “worst-case” nature of the worksheet. Therefore, EMF used RFHAZ, a commercial software package created by V-Soft Communications, to determine compliance for this site.

WQLR operates using a "Double V" EPA-Type 2 antenna and was evaluated using the RFHazz software. That evaluation provided a maximum value of  $50.53\mu\text{W}/\text{cm}^2$ , which is 25.265% of the public (uncontrolled) exposure limits of OET-65.

Based on this evaluation, the site fully complies with the FCC’s maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.