

## **Environmental Effects**

Educational Media Foundation (“EMF”) certifies that K219KM 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 the facility is shared with several television broadcast facilities. Therefore, EMF used RFHAZ, a commercial software package created by V-Soft Communications, to determine compliance for this site.

Using a worst-case “ring-stub” antenna for calculations, EMF produces a maximum theoretical RF value of  $0.911 \mu\text{W}/\text{cm}^2$  at two meters above ground, which is 0.456% of the worst-case uncontrolled (public) exposure limit of  $200\mu\text{W}/\text{cm}^2$ .

This value falls below the 5% “threshold of responsibility” specified in 47 C.F.R. 1.1307(b) and 1.1307(b) (3). Therefore, K219KM is “categorically excluded” from providing an Environmental Assessment.