

Environmental Effects

Educational Media Foundation (“EMF”) certifies that KNKL 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.

KNKL operates utilizing a 3 bay fullwave-spaced ERI “rototiller” antenna and was evaluated using the RFHaz software. The results indicate the maximum theoretical contribution from KNKL is $150.6\mu\text{w}/\text{cm}^2$ which is 75.3% of the public (uncontrolled) exposure limits.

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