

Environmental Effects

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

KJLV operates using an ERI "Rototiller" EPA - Type 3 halfwave-spaced antenna and was evaluated using the RFHaz software. This evaluation provided a maximum value of $67.94\mu\text{W}/\text{cm}^2$, which is 33.97% 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.