

Environmental Protection

KLSK operates utilizing an ERI SHPX 10-bay circularly polarized full-wave spaced antenna (EPA Type 3 "Rototiller").

The maximum theoretical RF value is $18.86\mu\text{W}/\text{cm}^2$ at a distance of 33 meters from the tower, which is 9.43% of the $200\mu\text{W}/\text{cm}^2$ permitted for public (uncontrolled) exposure, and 1.88% of the $1000\mu\text{W}/\text{cm}^2$ permitted for worker (controlled) exposure.

Therefore, the proposed facility complies with the requirements of OET 65.

EMF will fully cooperate with other future site users to temporarily reduce power or cease broadcasting, as necessary, to protect workers and others having access to the site from excessive levels of RF Radiation.