

## **RF Hazard and Environmental Statement**

For Low Power Station K51KY-D, Facility ID: 182506

Channel 30, 0.5kW ERP, 389m AMSL

With respect to potential human exposure to radio frequency energy, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposed facilities will not result in human exposure to RF energy at ground level in excess of FCC Standards. Calculations were conducted at 2 meters above ground level with the following results:

Antenna Height	Relative Field	FCC Limit:	% of FCC Limit:
30 meters	0.18	0.335 mW/cm <sup>2</sup>	1.80%

Further, the site is in a rural area, on private property, not accessible to the general public and access via road is restricted by locked gates. Tower facility is also further protected by chain link fence with a locked gate.

All maintenance personnel are instructed regarding potential RF exposure and by mutual agreement between all site users, facilities may be reduced in power or turned off to facilitate tower work in areas where exposure may exceed FCC limits.

This application proposes to replace the transmit antenna with same make and model and physical size minimizing modifications or work required on the existing tower structure.