

# Prunedale Educational Foundation for Central California

Exhibit 1

## Environmental Effects

Prunedale Educational Foundation for Central California, Inc. certifies that KARW complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments.

The facility is located on an existing communications site and is shared with a number of other broadcast facilities. The RF worksheet in the Instructions to form 303-S was unusable to determine compliance for this facility because the facility is shared with television broadcast facilities.

On-site measurements of RF were done upon licensing KARW. KARW was operating at its fully permitted effective radiated power of 4.5kw ERP while these tests were made. Measurements were taken at the base of the tower and at various points around the tower compound, obstacles permitting. The probe was slowly swept between 1-2 meters above the ground, as well as approximately 1 meter side-to-side, seeking, and noting, the highest overall readings. The maximum peak reading found from all sources on site was 51% of the uncontrolled (public) exposure limit. An updated search of nearby facilities resulted in no significant additional facilities found. Therefore, the on-site measurements are still valid.

Based on this evaluation, KARW complies with the FCC's maximum permissible radiofrequency electromagnetic exposure limits.