

Environmental Effects

Educational Media Foundation (“EMF”) certifies that KLVP 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 the facility is shared with other FM and television broadcast facilities. Therefore, EMF did an on-site RF study to determine compliance for this site.

EMF’s “shaped probe” Narda equipment was used to evaluate. EMF’s “shaped probe” evaluate radiofrequency exposure compliance at the KLVP transmitter site. KLVP was operating at its fully permitted effective radiated power of 54kw 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. All of the peak and average readings were found to be well under 15% of the uncontrolled/public exposure limits.

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