

Compliance with Radiofrequency Field Exposure Guidelines

Immediately after completing construction of KLRV, Skip Bushell, an Engineer with EMF, took RF measurements in the area surrounding the KLRV tower. These readings were taken on eight radials originating at the tower and ending approximately 100 meters away.

Readings were taken using a Narda SRM-3000 meter, serial number B-0070, calibrated May 25, 2004. The Narda uses a shaped probe, so is perfect for taking RF measurements in areas with RF sources on many different frequencies.

This table shows the highest values found along each radial:

Radial	KLRV*	Total site*
0	0.8%	22.7%
45	0.2%	12.5%
90	0.2%	1.0%
135	0.3%	9.0%
180	0.4%	15.4%
225	0.2%	9.5%
270	0.9%	17.7%
315	0.9%	12.1%

* All readings are in percent of the applicable uncontrolled (public) exposure limit

At no location did the RF values from KLRV exceed 1% of the uncontrolled (public) exposure limit of $200\mu\text{W}/\text{cm}^2$. Further, the values found while reading all RF sources indicate that the entire area is well within the applicable uncontrolled (public) limits, with the highest reading found within 100 meters of KLRV being 22.7% of the limit.

Therefore, the KLRV facility fully complies with the requirements of OET-65.

Following the above measurements, KLRV was taken off the air pending the grant of Program Test Authority.