

ENVIRONMENTAL COMPLIANCE
KZML-FM1 WENATCHEE, WASHINGTON 240D
BUSTOS MEDIA HOLDINGS, LLC
FEBRUARY 2022

The facility proposes to utilize a Nicom BKG1P directional antenna, vertically polarized, with an Effective Radiated Power of 0.900 kW on a different existing tower site to an existing tower at the coordinates N. 47°-22'-51.40", W. 120°-17'-18.80" NAD 83. The proposed Center of Radiation will be 14 meters Above Ground Level.

Calculations were made using the latest online version of FM Model on the FCC website. FM Model predicts a peak exposure of 199.02 $\mu\text{W}/\text{cm}^2$ at a distance of 2.8 meters from the base of the tower. This is less than the allowable Maximum Permissible Exposure ("MPE") of 200 $\mu\text{W}/\text{cm}^2$ for uncontrolled environments at any point on the ground. The applicant will ensure that the public access to the tower is restricted by fencing, anti-climb devices or other appropriate measures. The site will be posted with RF warning signs. If climbing of the tower by authorized personnel becomes necessary, transmitter power will be reduced to safe operating levels or transmission will be terminated, if necessary, as not to exceed the RF exposure limits to tower workers. The licensee will cooperate with other users at the site with the scheduling of such tower or antenna maintenance.