

RF HAZARD STATEMENT
PROPOSED DIGITAL CLASS A STATION KRHP-LP
THE DALLES, OREGON
CH 14 0.676 KW (DA) 166 M (RCAMSL)

With respect to the potential for human exposure to radio frequency (RF) radiation, calculations prepared in accordance with FCC Bulletin OET-65 (Edition 97-01) indicate that the proposal will not result in human exposure to RF radiation at ground level in excess of FCC standards. Power density calculations were conducted at 2-m above ground¹ at the fence line (50 feet from the antenna pole) based on the following conservative assumptions, with the following results:

Call Sign	Channel	Average ERP (kW)	Distance (m)	Relative Field Factor	Uncontrolled Exposure FCC Limit (mW/cm ²)	Percentage of limit
KRHP-LP	14	0.676	15.2	1.0 ²	0.3153	41.09

Based on information provided by an agent of the applicant, there is a 6 foot high chain linked fence around the pole on which the antenna is mounted, with the closest fence point being approximately 15.2 meters (50 feet) from the pole. As indicated above, the exposure to RF radiation at 2-m above ground at the fence line is less than 50% of the FCC limit for uncontrolled exposures. Therefore, it is believed the proposal complies with the RF emission rules.

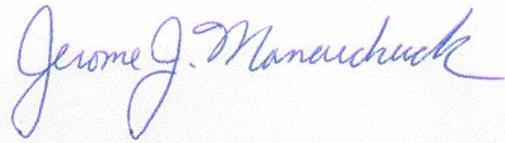
In the event that workers or other authorized personnel enter the restricted area, appropriate measures will be taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the station is at reduced power or shut down.

¹ The radiation center is located 4 meters above ground level, and the fence is located 50 feet from the pole on which the antenna is mounted. The uncontrolled calculation was made at the fence line.

² A worst case vertical relative field value of 1.0 was presumed to calculate the power density at the fence line.

Finally, it is noted that this technical exhibit only addresses the potential for radio frequency electromagnetic field exposure. All other aspects of the environmental processing analysis will be or already have been provided to the FCC by the site owner.

If there are questions concerning the technical portion of this application, please contact the office of the undersigned.



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