

The transmitter site where KLNR is located is atop Highland Peak which is the highest peak within the Highland Mountain range. This range is under the management of the BLM. The Highland Mountain range is rugged and mostly uninhabited.

The distance from KLNR's transmitter site towards the proposed channel 6 (BPRM2000717ABW) transmitter site is 14.05Km at a bearing of 150.9 degrees

The signal of the proposed channel 6 is blocked towards the Northwest behind KLNR's transmitter site because of the Highland Mountain range, specifically Highland Peak. This causes the 90 DBu through the 47DBu contours to converge around Highland Peak. Considering this, it was determined that the 81.5 DBu contour of KLNR would yield the maximum amount of people that potentially could receive interference from the KLNR's power increase.

Using the method described in 73.525 (e), it was determined that within the 81.5DBu contour, there were 106 people. Therefore KLNR's application to increase its ERP does comply with 73.525 (c) population cap. However, if any interference does arise, KLNR will, at its own expense, install a filter to eliminate this interference.