

Applicant hereby requests a waiver of section 74.1204 (a) with respect to contour overlap.

- 1 This proposal is within the 60-dbu contour of station KPEZ-FM 272 C2.
- 2 This proposal is within the 60-dbu contour of station KROX 268 C2.
- 3 This proposal is within the 60-dbu contour of the pending application for KROX 268 C1.

Calculation of proposed K270CO interference to 2nd adjacent Station KPEZ-FM 272 C2: Distance from KPEZ's licensed site = 44.88 km Azimuth from KPEZ to proposal site = 201°

HAAT on 201° = 209 meters

FS of KPEZ at proposal site (26 kw @ 209 m) = 63.5 dbu

Potential interfering contour per 74.1204 (a) = 103.5 dbu

Calculation of proposed K270CO interference to 2nd adjacent Station KROX 268 C2:

Distance from KROX's licensed site = 33.77 km

Azimuth from KROX to proposal site = 204°

HAAT on 204° = 258 meters

FS of KROX at proposal site (12.5 kw @ 258 m) = 68.1 dbu

Potential interfering contour per 74.1204 (a) = 108.1dbu

Calculation of proposed K270CO interference to 2nd adjacent Station KROX 268 C1:

Distance from KROX's licensed site = 65.2 km

Azimuth from KROX to proposal site = 199°

HAAT on 199° = 320 meters

FS of KROX at proposal site (86 kw @ 320 m) = 63.07 dbu

Potential interfering contour per 74.1204 (a) = 103.07 dbu

Therefore, the interfering contour to be considered is the 103.07 dbu 50/10 contour based on KROX C1.

The chart below illustrates that no interference will occur, since the 103.07 dbu interfering contour will not reach ground level.

