

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 KASE-FM 264 C0.
- 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.

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Calculation of proposed K254BL interference to 2<sup>nd</sup> adjacent Station KASE-FM 264 C0: Distance from KASE's licensed site = 28.43 km Azimuth from KASE to proposal site = 267°

HAAT on 267° = 328 meters

FS of KASE at proposal site (100 kw @ 328 m) = 82.5 dbu

Potential interfering contour per 74.1204 (a) = 122.5 dbu

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Calculation of proposed K254BL interference to 2<sup>nd</sup> adjacent Station KROX 268 C2:

Distance from KROX's licensed site = 28.34 km

Azimuth from KROX to proposal site = 268°

HAAT on 268° = 234 meters

FS of KROX at proposal site (12.5 kw @ 234 m) = 70.5 dbu

Potential interfering contour per 74.1204 (a) = 110.5dbu

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Calculation of proposed K254BL interference to 2<sup>nd</sup> adjacent Station KROX 268 C1:

Distance from KROX's licensed site = 48.09 km

HAAT on 229° = 291 meters

FS of KROX at proposal site (86 kw @ 291 m) = 70 dbu

Potential interfering contour per 74.1204 (a) = 110 dbu

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Therefore, the interfering contour to be considered is the 110 dbu 50/10 contour based on KROX C1.

The chart below illustrates that no interference will occur, since the 110 dbu interfering contour will not reach ground level.

