

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 2nd adjacent Station KASE-FM 264 C0: Distance from KASE's licensed site = The proposed change is practically co-located on the same tower as KASE

FS of KASE at proposal site (100 kw @ 328 m) = 166.92 dbu

Potential interfering contour per 74.1204 (a) = 111 dbu

Calculation of proposed K254BL interference to 2nd adjacent Station KROX 268 C2:

Distance from KROX's licensed site = 0.34 km

Azimuth from KROX to proposal site = 195°

HAAT on 195° = 234 meters

FS of KROX at proposal site (12.5 kw @ 234 m) = 127.26 dbu

Potential interfering contour per 74.1204 (a) = 111.0dbu

Calculation of proposed K254BL interference to 2nd adjacent Station KROX 268 C1:

Distance from KROX's licensed site = 31.36 km

Azimuth from KROX to proposal site = 199°

HAAT on 14° = 291 meters

FS of KROX at proposal site (86 kw @ 291 m) = 79.86 dbu

Potential interfering contour per 74.1204 (a) = 111 dbu

Therefore, the interfering contour to be considered is the 111 dbu 50/10 contour based on KROX C1.

The chart below illustrates that no interference will occur, since the 111 dBu interfering contour will not reach ground level.

