

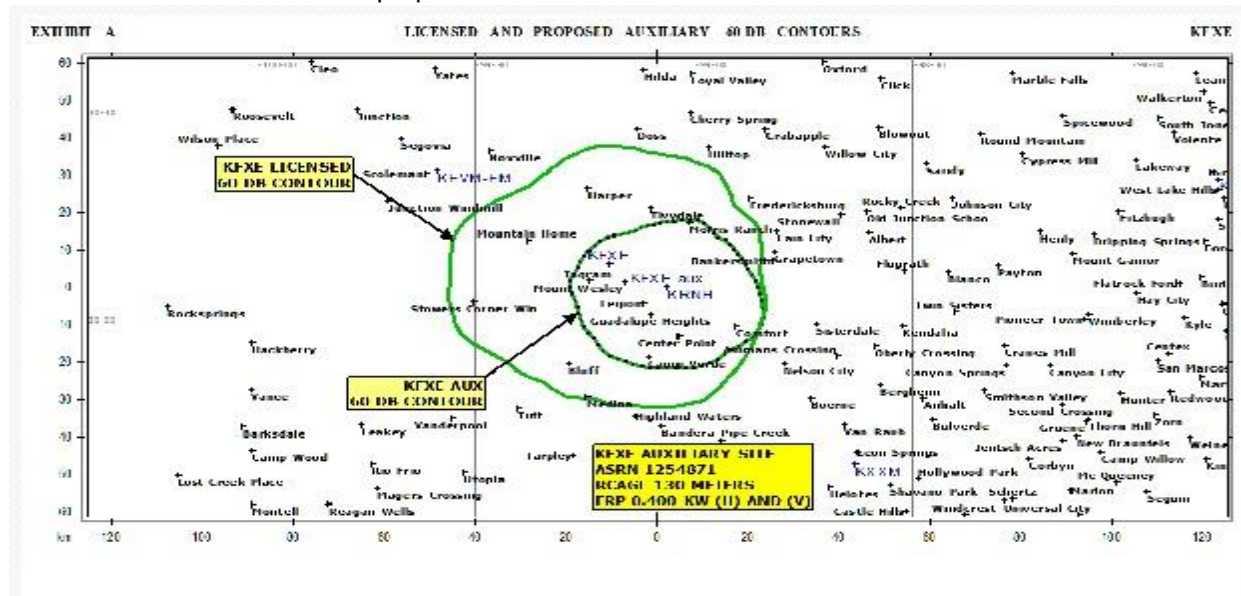
 State Borders
 Lat/Lon Grid

Radio Ranch, LLC KFXE (FM) Ingram, Texas (FID # 164252)

Application for a construction permit to build an auxiliary facility for KFXE

The auxiliary facility will be located on a tower owned by Radio Ranch, LLC that is used by a sister station, KRNH.

KFXE is licensed for operation on channel 243 C3 with 8400 watts and an antenna 131 meters above average terrain. The proposed site is 14.2 kilometers from the licensed site and bears Antenna Structure Registration number 1254871, KRNH. Operation is proposed at 400 watts horizontal and vertical using a single bay Telecom TFC-1K antenna centered at 130 meters above ground. This power and height will not extend the 60 dbu contour beyond that of the licensed operation. No alterations of the antenna support structure (except for addition of the proposed antenna element) or lighting system will be made as a result of this proposal.



KRNH, and the proposed KFXE AUX will use separate antennas. Each antenna is located at a different level from each other. Based on the frequency separations, vertical aperture separations, and the relatively low power of the stations involved no out of band emissions are expected.

RFR Requirements:

FMMODEL analysis indicates that this facility does comply with FCC RFE requirements. The maximum ERP proposed is 400 watts horizontal and vertical.

$S = .98 \mu\text{w}/\text{cm}^2$ at 34 meters, which is 0.49% of the maximum uncontrolled public access of $200 \mu\text{w}/\text{cm}^2$.

This proposed auxiliary facility is less than 5% of the maximum of the general population level and therefore this facility is excluded from further study as a non-contributor. The area around the tower is fenced, signs are posted, and a plan is in place for all users at the site to comply with RFR requirements.