

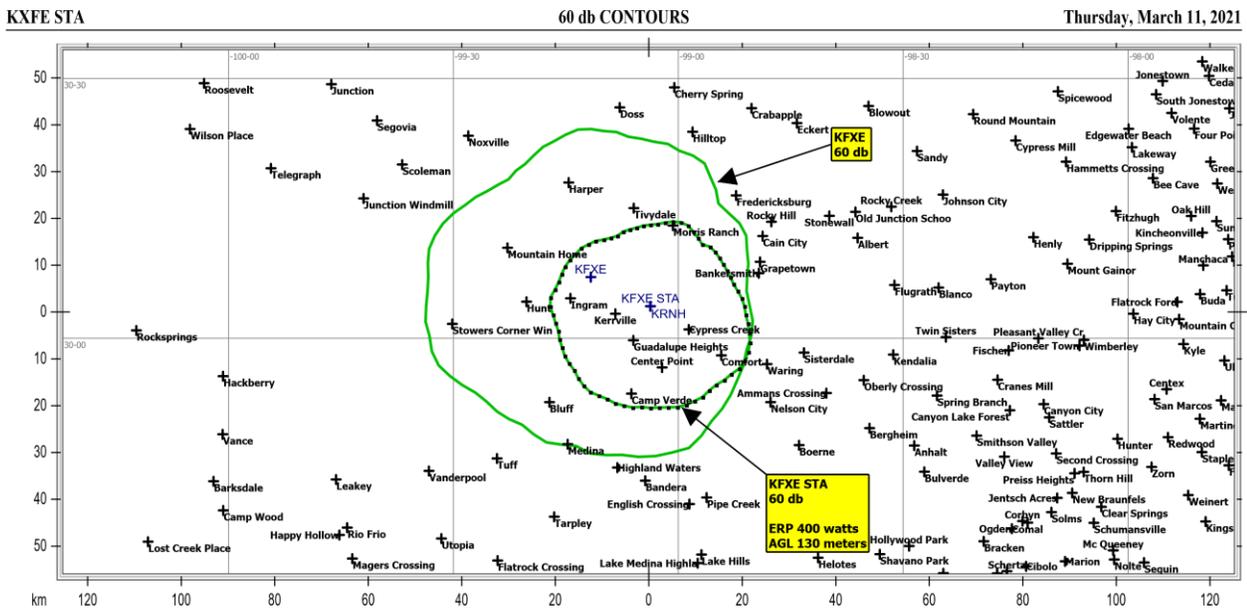
Radio Ranch, LLC KFXE (FM) Ingram, Texas (FID # 164252)

Request for Special Temporary Authorization

(Technical Showing)

The tower that was supporting the KFXE (FM) antenna collapsed in the extreme Texas ice storm on February 14th, 2021. To return to the air in the public interest KFXE seeks Special Temporary Authority to operate with facilities at another site. The station asks permission to operate from a nearby tower owned by the company and used by a sister station. From this site service can be restored with equipment that is readily available.

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. Operation is proposed at 400 watts horizontal and vertical using a four bay Telecom TCF-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 STA antenna elements) or lighting system will be made as a result of this proposal.



KRNH, and the proposed KFXE STA 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. The applicant will verify that the STA meets applicable sections of the Commission's Rules.

The maximum ERP proposed is 400 Watts horizontal and vertical. This proposed STA is less than 5% of the maximum of the general population level and excludes it 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. Site users will be notified of the start of the proposed STA if granted, and continue to observe the RFR plan.