

Auxiliary Antenna Engineering Exhibit  
KNFX  
Facility ID 41410

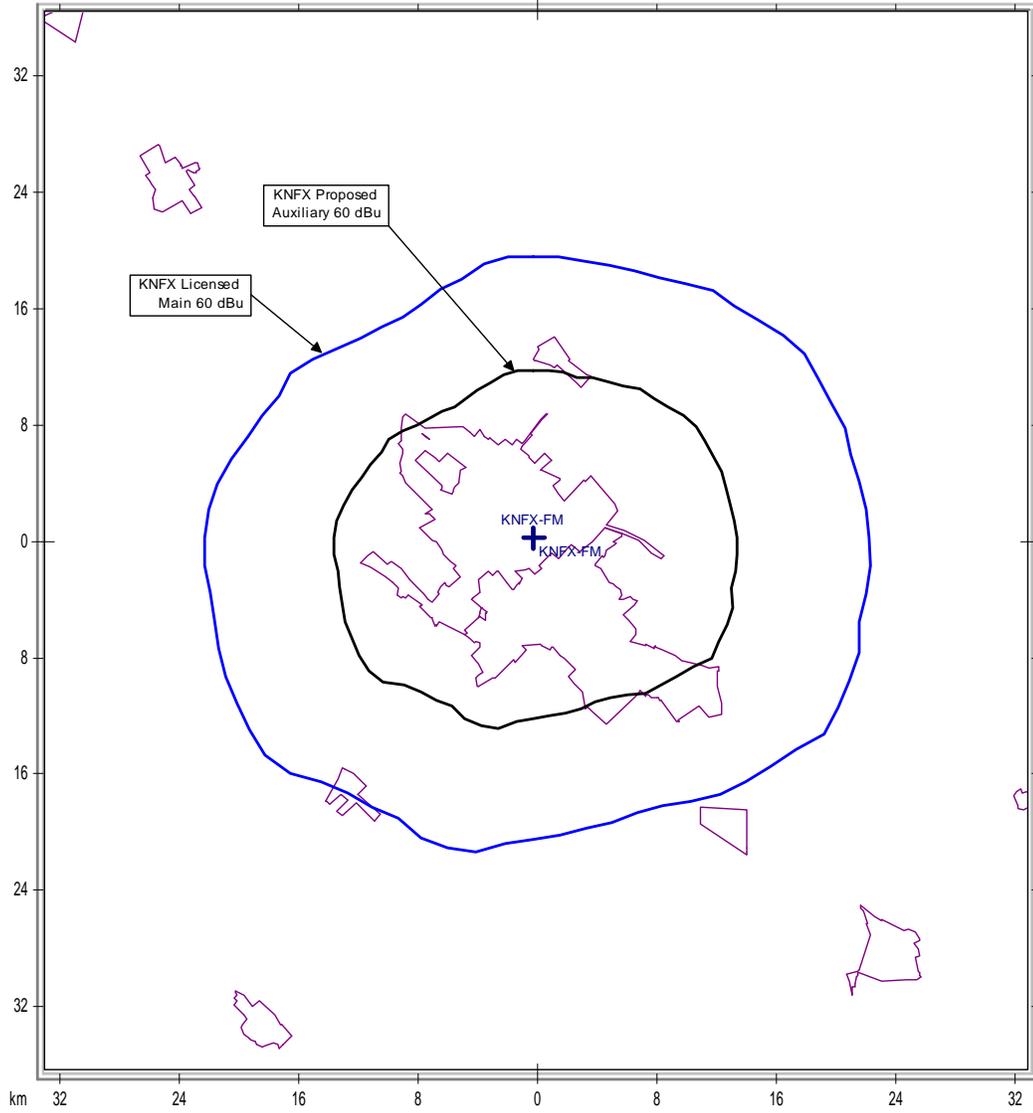
This application seeks to make a minor change to BXLH-20081027AAZ for increased power with a slight reduction in antenna mounting height, and a change in antenna bay count.

The proposed KNFX auxiliary antenna is to be non-directional and located 38.9 meters above ground level upon a 7.5 meter tall tower mounted on the roof of a 32.3 meter building. This is a “shared time” auxiliary with co-owned station KAGG. The facility has only a single transmitter and no combining equipment, thus only KAGG or KNFX-FM can utilize the antenna at any one time. Attached is a map demonstrating the 60 dbu contour for this proposal.

Other towers located upon the same roof as this proposal support the main antenna for KNFX-FM and Translator station K265DH.

The nighttime directional array of standard band station KZNE is located 2.6 km from this proposal. The licensee has worked closely with KZNE in the past and rooftop modifications have had no effect upon KZNE.

Due to the complex environment on the rooftop of the support building, it is proposed to take power density measurements prior to filing an application for license in order to demonstrate compliance with 73 CFR 1.1306.



— National Borders    — State Borders    — City Borders

Map Scale: 1:373838    1 cm = 3.74 km    V/H Size: 72.73 x 65.87 km