

# Cliffview Chapel Baptist Church

Kanab, UT

## Fair Distribution of Service

The applicant certifies that it qualifies for Section 307(b) Fair Distribution of Service preferences in the following category:

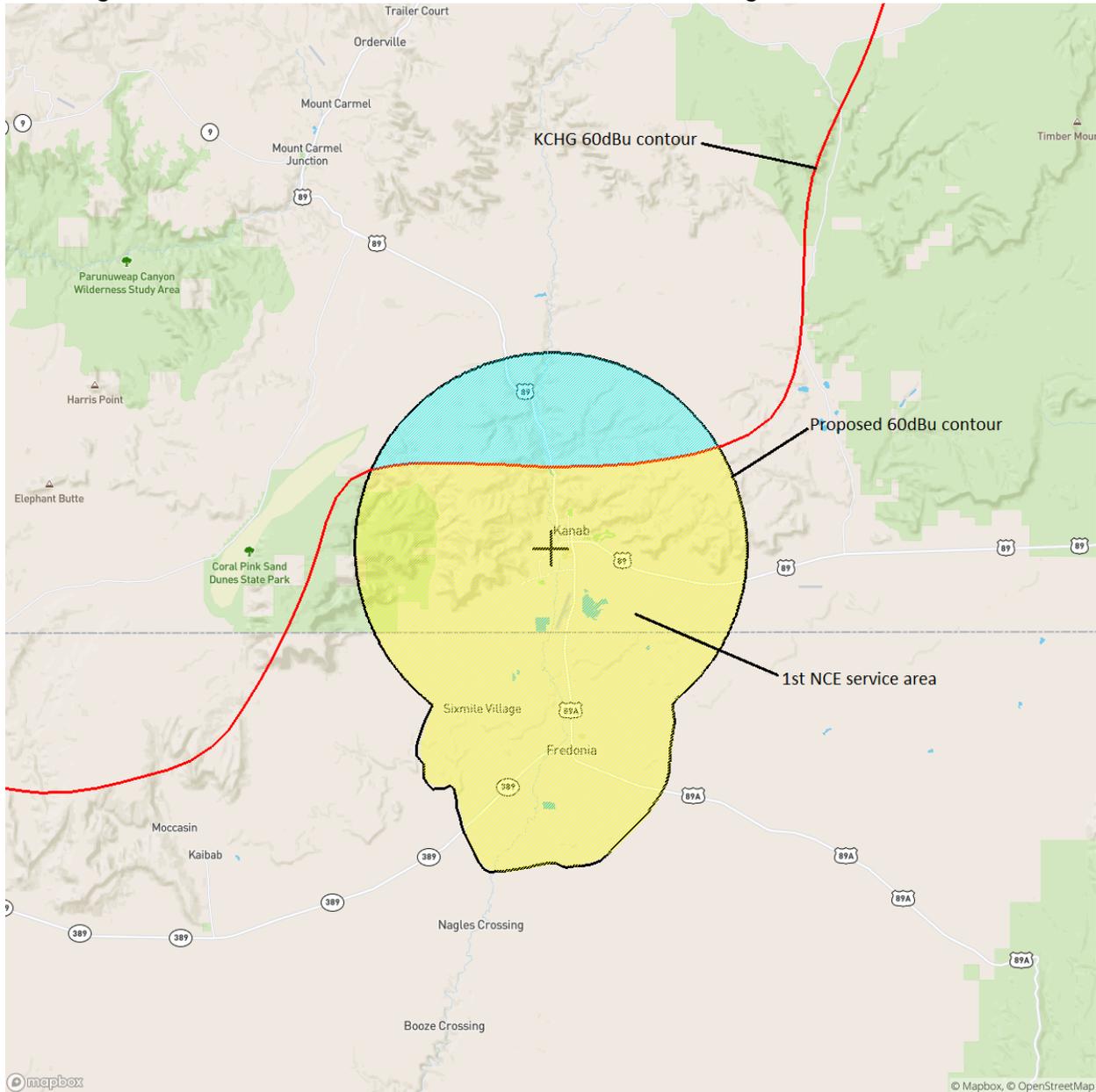
**2nd NCE Service.** The proposed facility will serve a population of 5,888 and an area of 397.36 sq km within its 60dB $\mu$  service contour, and will provide a 1st NCE service to 5864 persons (99.6%) and 323.40 sq km (81.3%) within its service contour.

Other facilities considered:

KCGG, channel 204C0, Cedar City, UT, Facility ID 17481. 60dBu contour covers 24 persons (0.4%) and 74.32 sq km of the proposed facility's 60dBu contour.

KFDJ, channel 210C0 (CP), Glendale, UT, Facility ID 177220. This facility has not commenced operation, while the existing facility (channel 210A) does not cover the proposed service area, so it was not included in calculations.

Coverage and illustration of 1st NCE service area is in the figure below:



Contour distances were calculated by using the contour calculation methods of 47 C.F.R. §73.313(c) referencing the NDGC 30 sec terrain database for elevation data, as implemented in the Commission's TVFMFS Fortran computer program. Contour distances from the proposed facility were calculated for each integral radial degree (360 total), with linear interpolation between values. Population data used block-level census populations from the US 2010 Census, counting all population using the centroid method approved by the Commission. Area was calculated by scanning for latitude/longitude points within the contour using a 0.04 sq km resolution, then adding the results together, excluding large bodies of water.