

**KSCA (FM) Channel 270B
UNIVISION RADIO LICENSE CORP.
FM 301 APPLICATION FOR AUXILIARY FACILITY
11.5 KW H&V
FACILITY ID 24548
GLENDALE, CALIFORNIA**

Purpose of Application

Univision Radio License Corp (“Univision”) seeks, with this instant application, to establish a new auxiliary facility at Flint Peak. This proposal is not intended to replace the presently licensed KSCA auxiliary facilities, BLH-19900103KA or BLH-19990519KE. Univision proposes to add an antenna to an existing monopole for use as an auxiliary facility. The proposed antenna will also accommodate an auxiliary facility for commonly owned KLVE (FM), FID#35086. Both facilities have main facilities located at the antenna farm site known as Mount Wilson. This site is required, as recent natural disasters have made continuous operation from, and access to the main facilities at Mount Wilson unreliable and uncertain during these events.

Proposed Site Environmental

The Univision proposed site is the location of the CP and aux license of another facility, the KPWR, BXPB 2010308ABV and BXLH19930311KA. The KLAX-FM main is on a nearby structure. The site is a remote mountain peak with restricted and very limited access. The entire area is fenced, with a steep drop off just past the fence, which further limits access to the site and eliminates the possibility of exposure to persons standing past the fence. See the attached aerial photograph. The proposed antenna is a .75 wave four-element Dielectric DCRM type. This antenna was evaluated at the proposed height of 38 meters using the OET FM Model Program. Univision’s proposed operation results in a maximum of 9.99 microwatts/centimeter² at two meters above ground level and occurs at twenty four meters from the support structure. This is 4.99% of the maximum for general population, unrestricted access exposure level, and excludes the proposal from further study. This proposal is to add an antenna system to an existing structure. No new construction will take place as a result of a grant of this proposal. This proposed auxiliary facility will be used only in the event of the unavailability of the main facility and will not need to be energized in the event of required maintenance of the structure. See the following pages for a print out of the FM Model graph.

KSCA Flint Peak Auxiliary

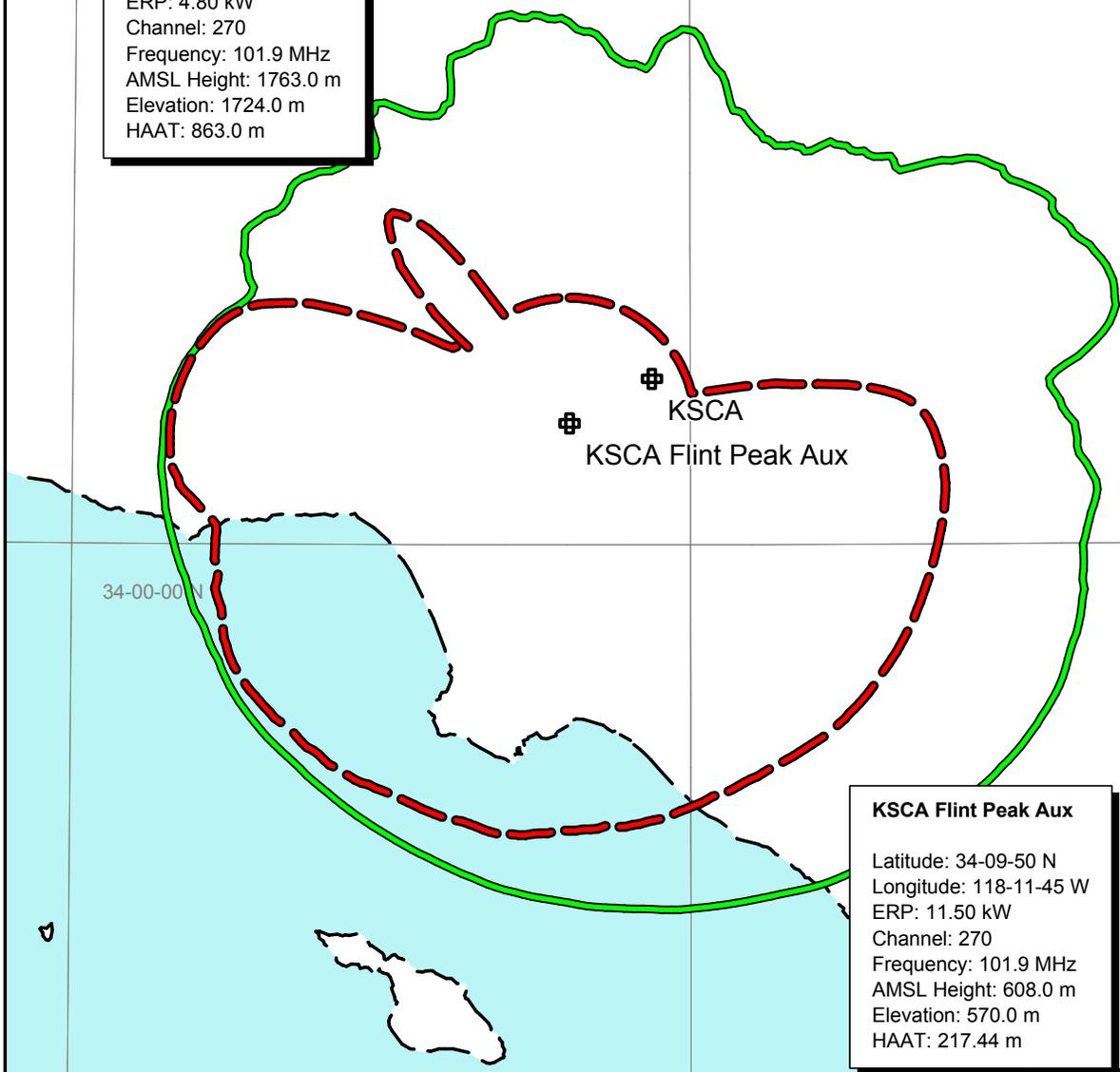
119-00-00 W

118

35-00-00 N

KSCA
BLH19960228KA
Latitude: 34-13-26 N
Longitude: 118-03-45 W
ERP: 4.80 kW
Channel: 270
Frequency: 101.9 MHz
AMSL Height: 1763.0 m
Elevation: 1724.0 m
HAAT: 863.0 m

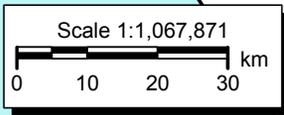
■ KSCA Main 60 dBu 50-50
■ Flint Peak Aux KSCA 60 dBu 50-50



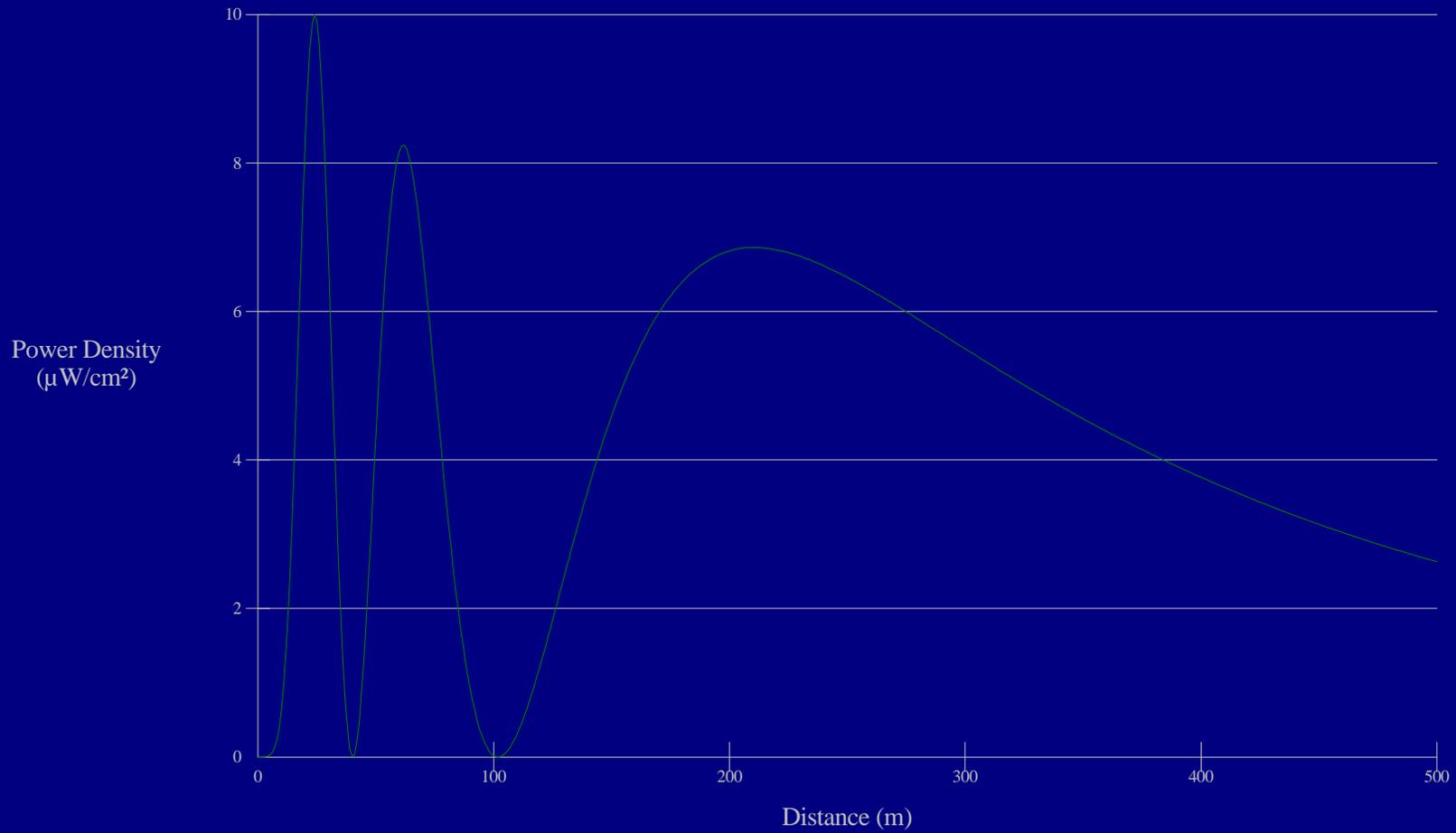
34-00-00 N

⊕ KSCA
⊕ KSCA Flint Peak Aux

KSCA Flint Peak Aux
Latitude: 34-09-50 N
Longitude: 118-11-45 W
ERP: 11.50 kW
Channel: 270
Frequency: 101.9 MHz
AMSL Height: 608.0 m
Elevation: 570.0 m
HAAT: 217.44 m



Power Density vs Distance



Horizontal ERP (W): 11500 Antenna Type Dielectric DCRM 4 Element .75 wave spaced
Vertical ERP (W): 11500
Antenna Height (m): 38



Flint Peak

Image © 2010 City of Glendale
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Imagery Date: 2003

34°09'48.71" N 118°11'47.28" W elev 570 m

Eye alt 854 m