

**ENGINEERING EXHIBIT
IN SUPPORT OF APPLICATION FOR CONSTRUCTION PERMIT
FM AUXILIARY ANTENNA
UNIVISION RADIO LICENSE CORPORATION
KJFA, ALBUQUERQUE, NEW MEXICO
FACILITY ID: 16750**

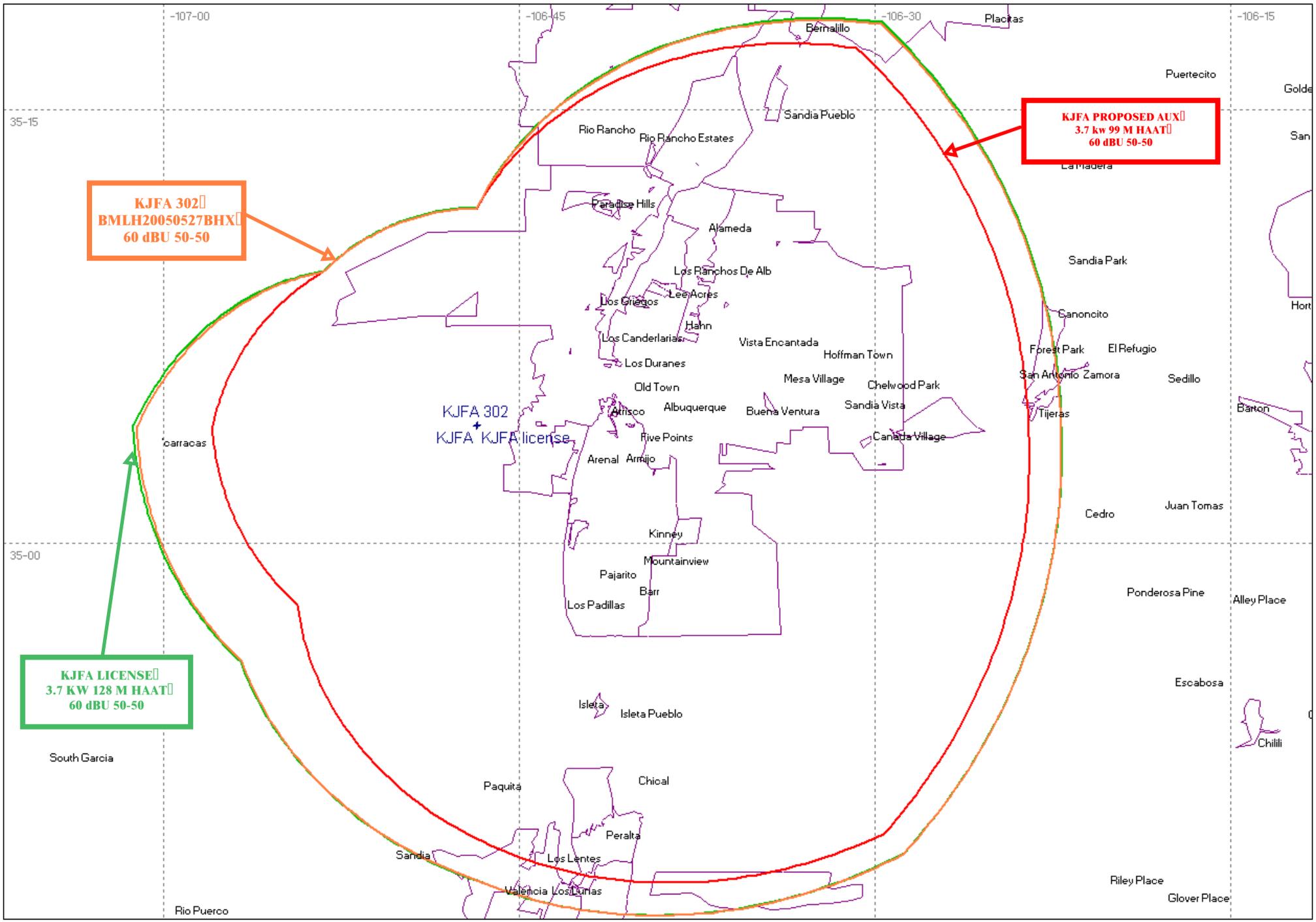
PURPOSE OF APPLICATION

KJFA is licensed for 3.7 Kilowatts horizontal and vertical at 128 meters HAAT on channel 267A. KJFA has a FM302 form on file (BMLH20050527BHX) to correct coordinates of the licensed main facility. Univision Radio License Corporation wishes to license an auxiliary antenna at 23 meters above ground level on the existing tower of the main at the coordinates 35 04 03.7, 106 46 46.7 NAD 27. This height will result in a HAAT of 98.8 meters. The proposed facility will operate at 3.7 Kilowatts horizontal and vertical, utilizing a four bay Phelps Dodge full wave spaced antenna. The one Milivolt contour of the proposed auxiliary will not exceed that of the main licensed facility. These predicted contours were calculated with Comstudy 2.2 in accordance with 73.313. In no case does the auxiliary exceed the contour of the main license site or the contours of the modified site in the above 302FM application. Please see the following page for a demonstration of compliance with 73.1675 a.

ENVIRONMENTAL

The FM Model Program was used to evaluate this site. Using this worst case in the model, this antenna will contribute 327.8 microwatts/centimeter² at two meters above ground level. This level occurs at 4 meters from the base of the tower, which is fully fenced and displays the appropriate warning signage of RF radiation hazards. This site is near other towers with an FM user and several LPTV users. The applicant will measure the site if required by the Commission to demonstrate compliance with exposure limits. It is expected that such measurements would prove the contribution of this facility to be less than 5% of the levels for occupational exposure level and the proposed facility is, in fact, an insignificant contributor at this level. No other alterations to the structure or site other than adding this antenna and transmission line will occur as a result of a grant of this application.

If there are any questions concerning this application, please contact the preparer at 214 5266200.



KJFA 302
BMLH20050527BHX
60 dBU 50-50

KJFA PROPOSED AUX
3.7 kw 99 M HAAT
60 dBU 50-50

KJFA LICENSE
3.7 KW 128 M HAAT
60 dBU 50-50

KJFA 302
+
KJFA KJFA license

-107-00 -106-45 -106-30 Placitas -106-15

35-15

Rio Rancho Rio Rancho Estates Sandia Pueblo

Paradise Hills Alameda

Los Ranchos De Alb

Los Grijos Lee Acres

Los Candelarias Hahn

Los Duranes Vista Encantada Hoffman Town

Old Town Mesa Village Chelwood Park

Atrisco Albuquerque Buena Ventura Sandia Vista

Five Points Canada Village

Arenal Arrijo

Kinney

Pajarito Mountainview

Los Padillas Barr

Isleta Isleta Pueblo

Paquita Chical

Peralta

Sandia Los Lentos

Valencia Los Lunas

Bernalillo

Puertecito

Golden

San

Lamadera

Sandia Park

Sanoncito

Forest Park El Refugio

San Antonio Zamora Sedillo

Tijeras

Barton

Cedro Juan Tomas

Ponderosa Pine Alley Place

Escabosa

Chili

South Garcia

Rio Puerco

Riley Place

Glover Place