TECHNICAL EXHIBIT
SUPPORTING APPLICATION FOR CONSTRUCTION PERMIT
AUXILIARY ANTENNA
UNIVISION RADIO LICENSE CORPORATION
KJFA (FM)
ALBUQUERQUE, NEW MEXICO
FACILITY ID: 16750

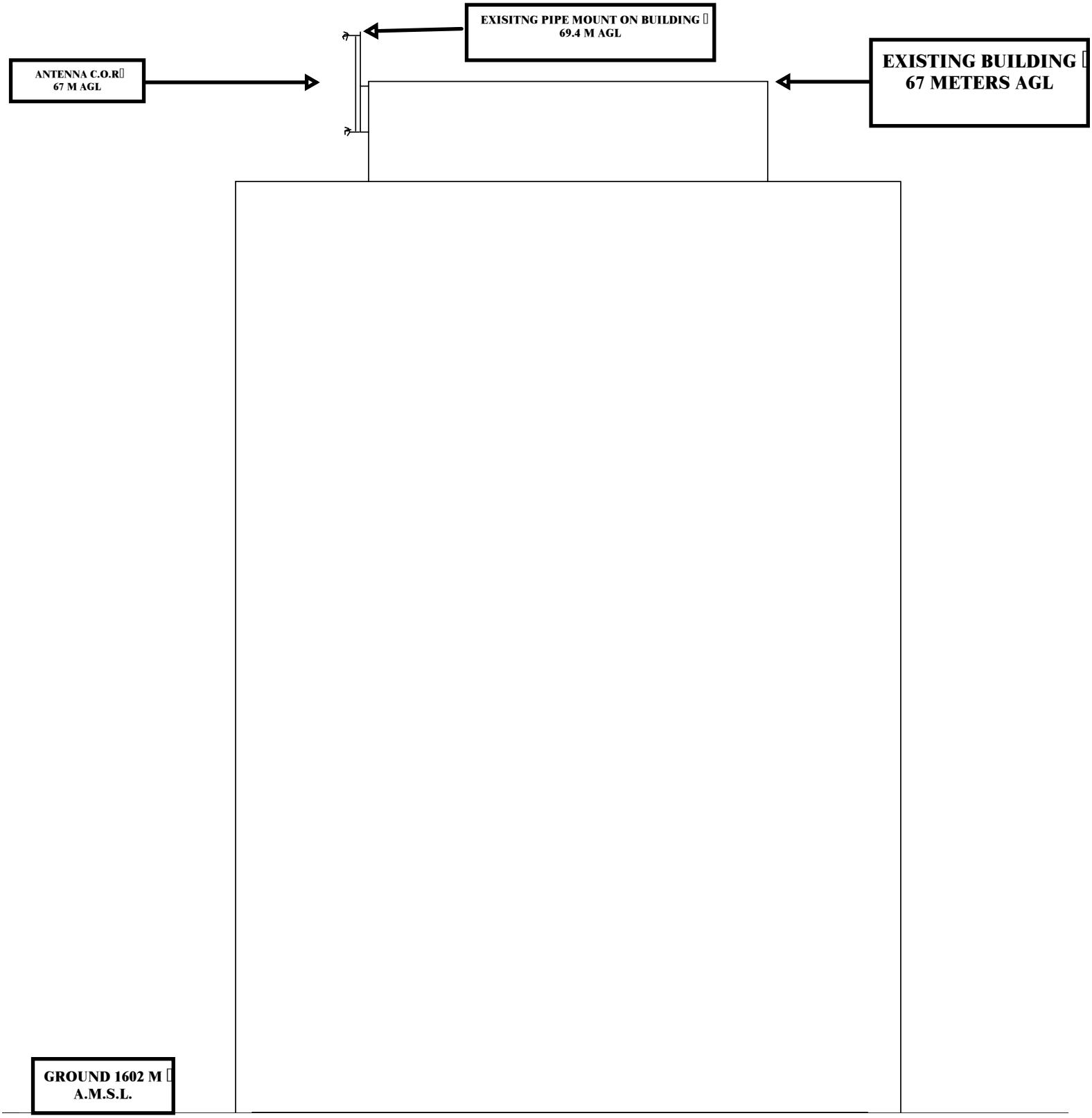
KJFA operates on Channel 267A with an effective radiated power of 3700-Watts maximum, horizontal and vertical at 128 meters height above average terrain. Univision Radio wishes to construct an auxiliary on the roof of an existing building at 5301 Central in Albuquerque. This site will have a two bay full wave spaced antenna with a radiation center at 67 meters mounted on an **existing pipe** on an **existing building**. The overall height of the building will not be increased by the addition of this antenna. **The building height is not increased by more than 2.4 meters by the existing pipe, which will be utilized for the antenna mount. The site is exempt from antenna site registration, as the structure is not increased in height by anything on the roof that even approaches 6.09 meters.** The proposed antenna will have an effective radiated power of 950 Watts horizontal and vertical with a height above average terrain of 25.9 meters. The radiation center is 1669.35 meters above mean sea level. This will be a multi-purpose auxiliary antenna, as Univision Radio is filing concurrent applications for four other of its licensed facilities. This will not be considered a multi-user site, as the antenna and transmitter used are capable of accommodating only one facility at a time.

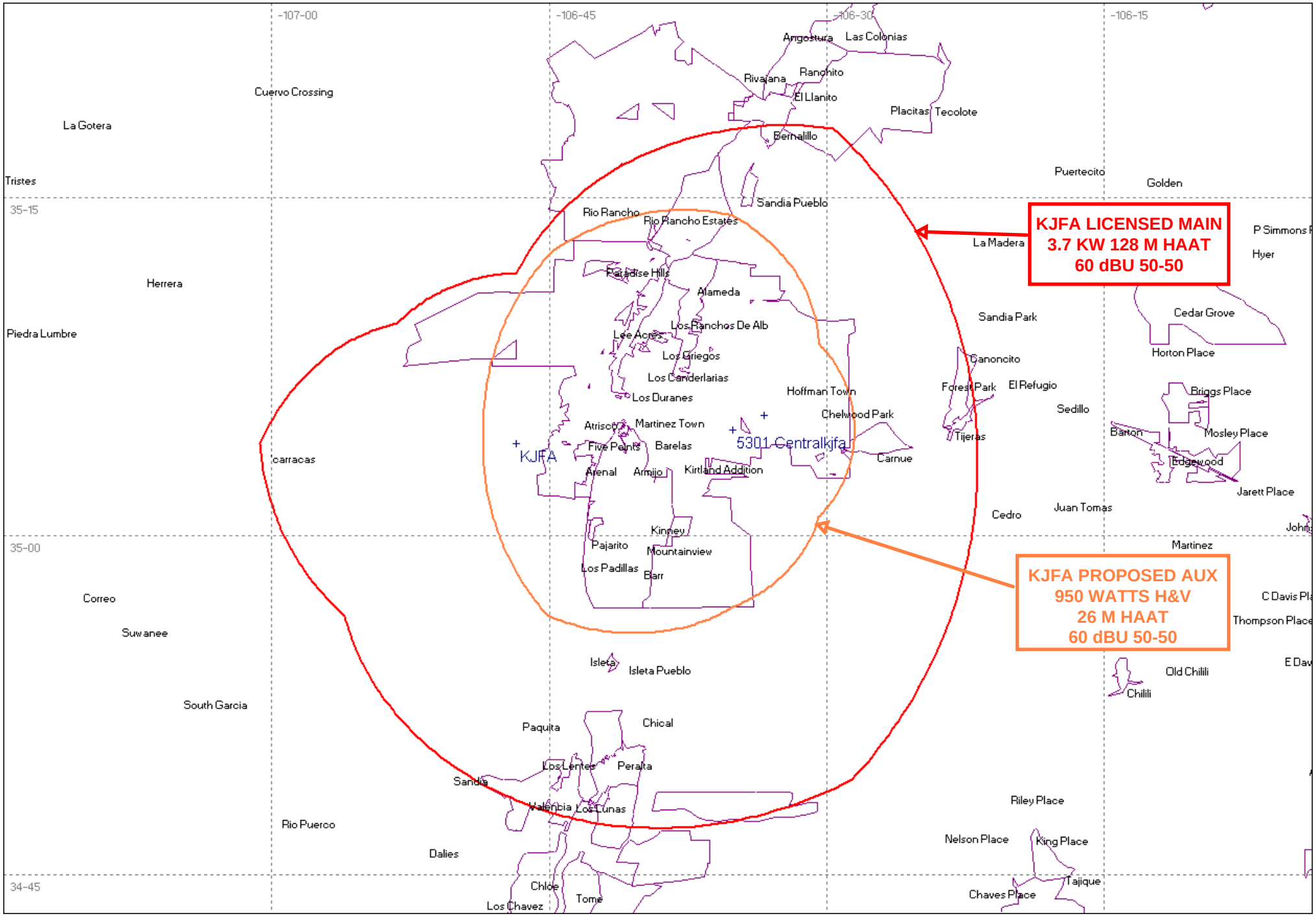
NIER SAFETY AND ENVIRONMENTAL STATEMENT

According to the OET FM Model software, the maximum power density level anywhere at two meters above ground level is 2.15 microwatts/centimeter^2. This level occurs at 44 meters from the base of the support structure. This level is 1.07% of the maximum for general population, uncontrolled exposure and exempts the licensee from further study, as it is less than 5% of the maximum level for general population, uncontrolled exposure level at two meters above ground level. There are no other tall buildings nearby that would place humans in the main aperture of the proposed antenna. The "Rototiller" EPA antenna type was used for this study. There exists the potential for power density levels to occur on the roof of the building which are above the maximum permissible for human exposure. This is a controlled access rooftop. No personnel will have access to the roof who are not informed of safety procedures involving non-ionizing electromagnetic radiation. No operation of the antenna will occur with personnel on the roof near the antenna. No alteration of the rooftop of the building will occur other than the addition of the above described antenna as result of a grant of this application. In the event of maintenance involving personnel on the rooftop, the antenna will be de-energized and/or protective devices utilized. The proposed site is therefore exempt from further study under 1.1306 and. 1.1307 and will comply with the guidelines for non-ionizing electromagnetic exposure in 1.1310, with the safety procedures described above.

Please see the following pages for a demonstration of compliance with 73.1675a, and the graph from FM Model showing the contribution of this antenna at two meters above ground level and an antenna support structure sketch.

If there are any questions concerning the technical aspects of this application, please contact the preparer at 214 526 6200.


EXISITNG PIPE MOUNT ON BUILDING
69.4 M AGL
ANTENNA C.O.R
67 M AGL
EXISTING BUILDING
67 METERS AGL
GROUND 1602 M
A.M.S.L.


KJFA LICENSED MAIN
3.7 KW 128 M HAAT
60 dBU 50-50
KJFA PROPOSED AUX
950 WATTS H&V
26 M HAAT
60 dBU 50-50
KJFA
5301 Centralkjfa
-107-00
-106-45
-106-30
-106-15
35-15
35-00
34-45
Cuervo Crossing
La Gotera
Tristes
Herrera
Piedra Lumbre
carracas
Correo
Suwanee
South Garcia
Rio Puerco
Dalies
Los Chavez
Chloe
Tome
Paquita
Chical
Sandia
Los Lentes
Peralta
Valencia
Los Lunas
Isleta
Isleta Pueblo
Pajarito
Mountainview
Los Padillas
Barr
Kinney
Arenal
Armijo
Kirtland Addition
Atrisco
Martinez Town
Five Points
Barelas
Los Duranes
Lee Acres
Los Griegos
Los Candelarias
Los Ranchos De Alb
Alameda
Paradise Hills
Rio Rancho
Rio Rancho Estates
Sandia Pueblo
Bernalillo
Placitas
Tecolote
Rivajana
Ranchito
El Llanito
Angostura
Las Colonias
La Madera
Puertecito
Golden
Sandia Park
Cedar Grove
Horton Place
Canoncito
Forest Park
El Refugio
Sedillo
Tijeras
Hoffman Town
Chelwood Park
Carnue
Cedro
Juan Tomas
Martinez
Briggs Place
Barton
Mosley Place
Edgewood
Jarett Place
Old Chilili
Chilili
Riley Place
Nelson Place
King Place
Tajique
Chaves Place
P Simmons
Hyer
C Davis Pl
Thompson Place
E Dav

TWO BAY FULL WAVE
"ROTOTILLER"
67 METERS ABOVE GROUND
950 WATTS H&V

Power Density vs Distance