

Waiver Request of Section 74.1204

K204DX, San Antonio, TX 50 Watts ERP

Calvary Chapel of Twin Falls, Inc. 8/05

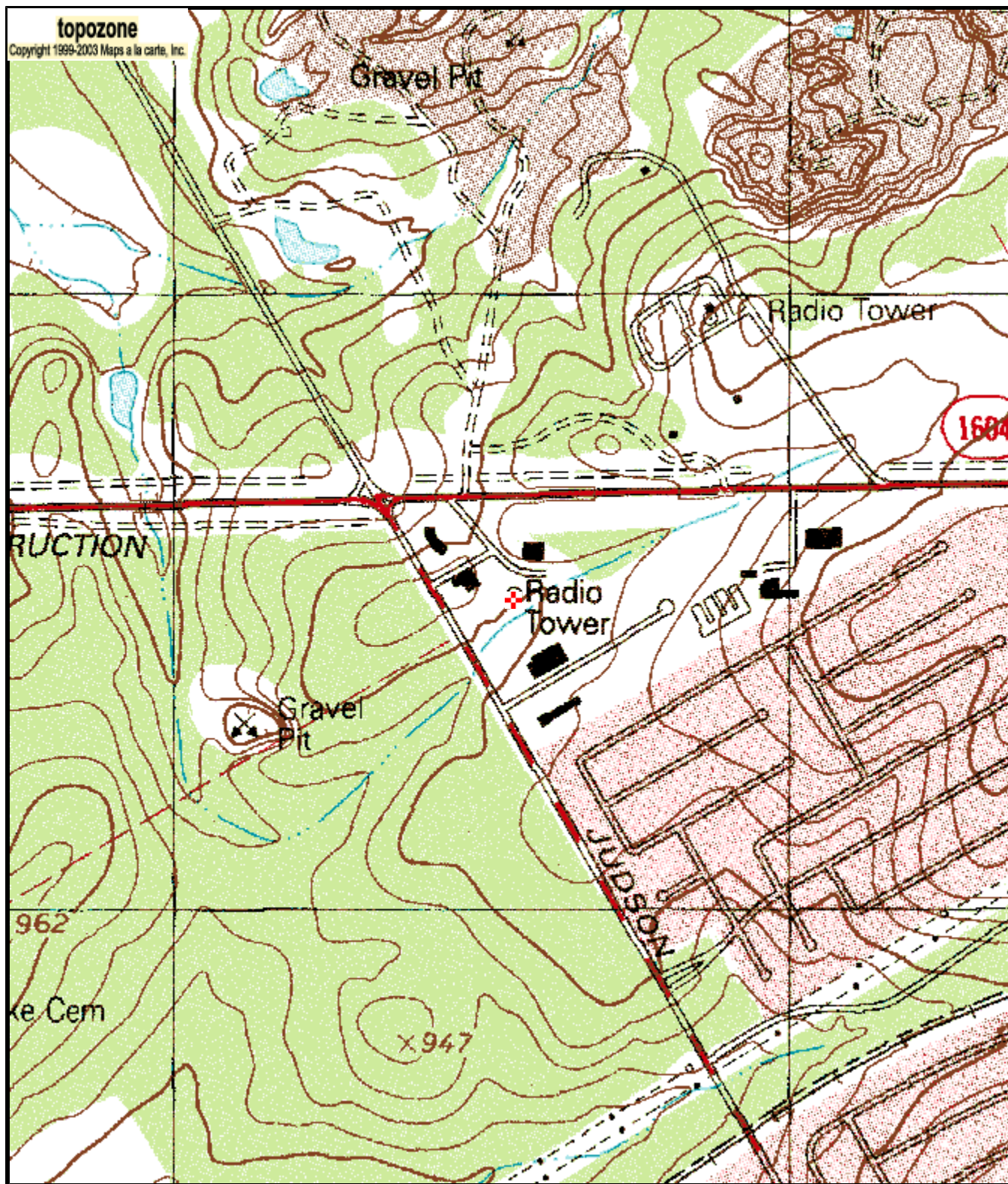
The proposed site is contained entirely inside the service contours of second-adjacent stations KPAC, San Antonio, TX and KSTX, San Antonio, TX

KPAC.LIC

The proposed site is contained entirely inside the service contour of second-adjacent Station KPAC, Channel 202, Class C1, 100kW, San Antonio, TX. The level of the second-adjacent station KPAC arriving protected F(50,50) signal at the proposed transmitter site 75.9-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KPAC is 115.9-dBu (free-space contour method employed). This means that the interfering signal would, in the worst case at the maximum radial, extend 81 meters from the Center of Radiation, which is proposed at 102 meters AGL. The attached Topo Map shows that this tower is not located near buildings that would be tall enough to pierce the interference area. Since no population can inhabit this interference area, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KPAC.

KSTX.LIC

The proposed site is contained entirely inside the service contour of second-adjacent Station KSTX, Channel 206, Class C1, 100kW, San Antonio, TX. The level of the second-adjacent station KSTX arriving protected F(50,50) signal at the proposed transmitter site 75.9-dBu. Using the Undesired-to-Desired method for calculating proposed interference (the basis of the FCC current contour overlap regulations and an acceptable method for the purposes of determining lack of interference for an FM Translator), the proposed interfering contour with respect to KSTX is 115.9-dBu (free-space contour method employed). This means that the interfering signal would, in the worst case at the maximum radial, extend 81 meters from the Center of Radiation, which is proposed at 102 meters AGL. The attached Topo Map shows that this tower is not located near buildings that would be tall enough to pierce the interference area. Since no population can inhabit this interference area, Calvary Chapel of Twin Falls, Inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent channel station KSTX.



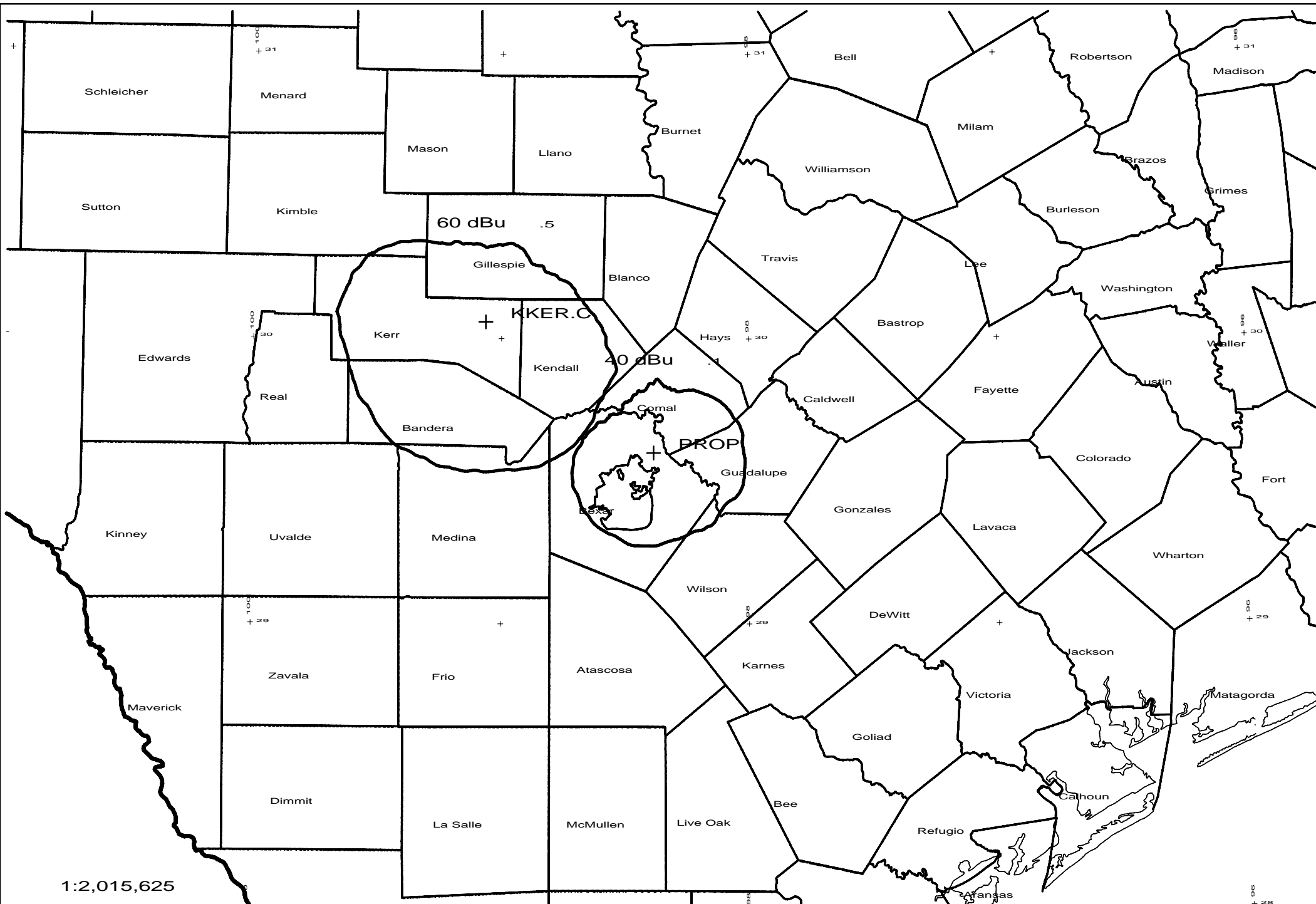
0 0.1 0.2 0.3 0.4 0.5 km
0 0.09 0.18 0.27 0.36 0.45 mi

Map center is 29° 36' 02"N, 98° 23' 06"W (NAD27)

Longhorn quadrangle

Projection is UTM Zone 14 NAD83 Datum

M=5.816
G=0.304



1:2,015,625

Scale in km

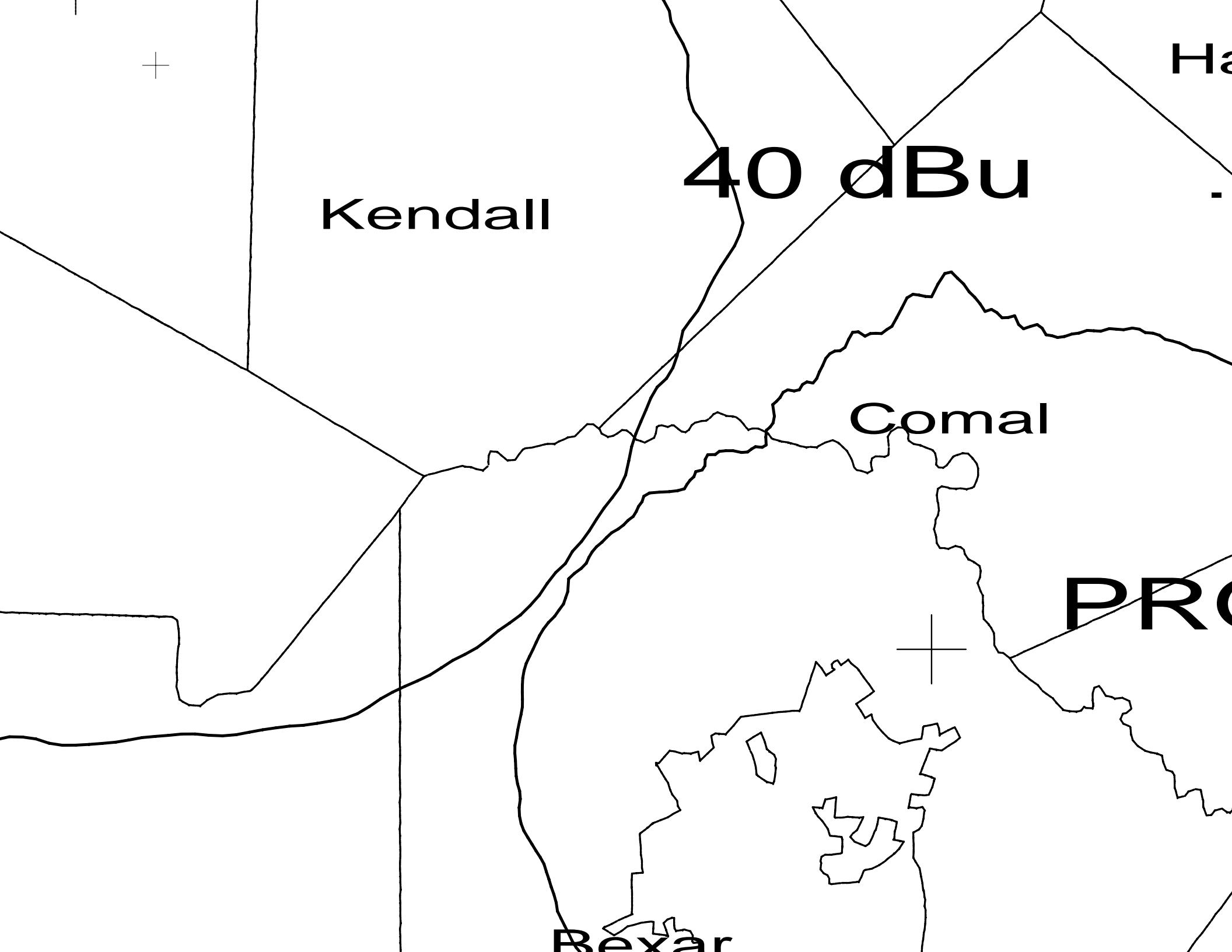


PROP 204D .05kW 391M AMSL

N. Lat. 29 36 02 W. Lng. 98 23 06

San Antonio, TX

CCTF - 08/05



Kendall

40 dBu

Comal

PRO

Bexar