

Section III-C Item 14: Community Coverage

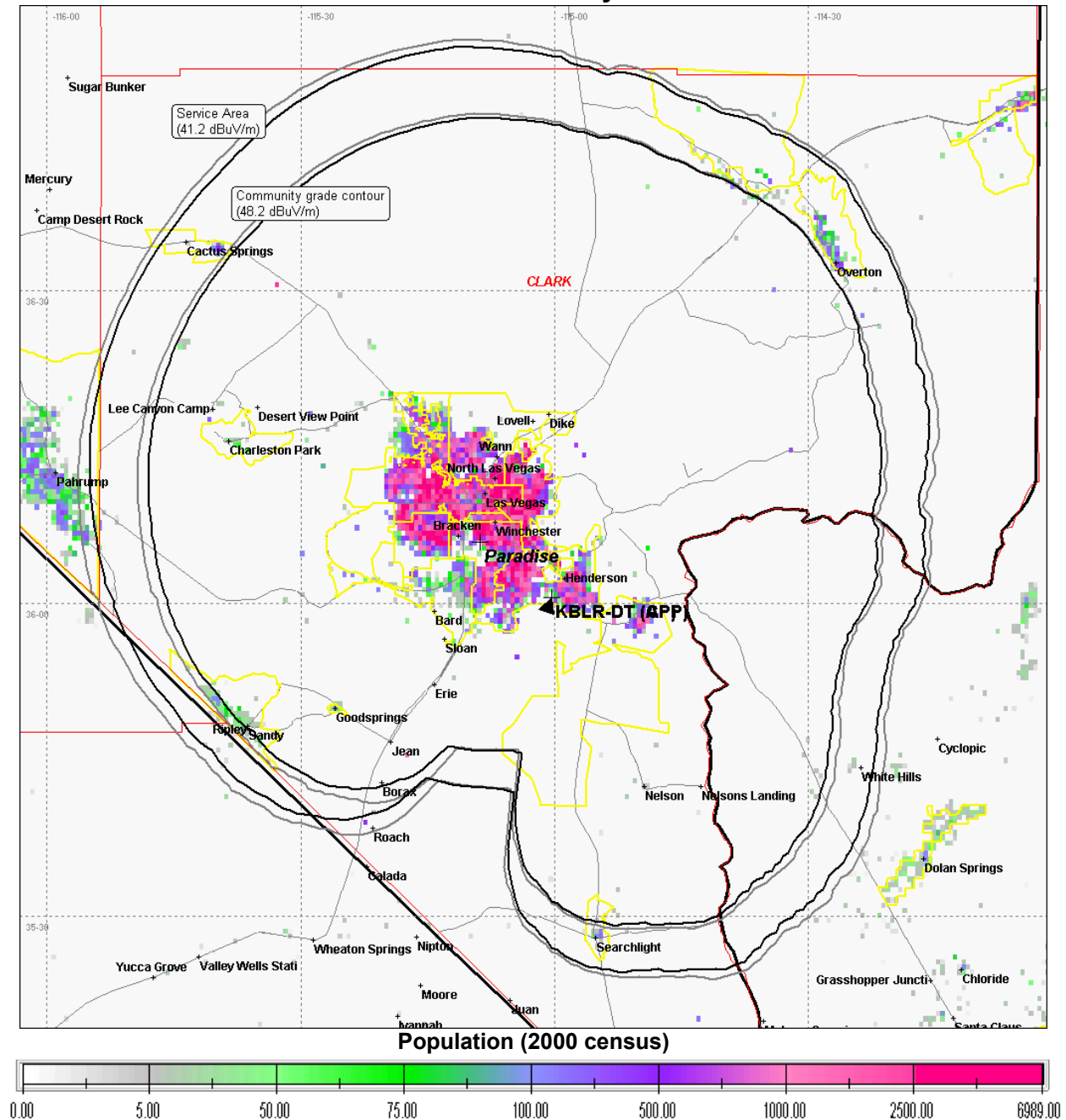
The purpose of this application is to modify existing KBLR-DT construction permit BMPCDT20050126AJL to move the antenna to a shorter tower approximately 100 meters from the authorized location. This move is required because the tower specified in the construction permit will not support an additional DTV antenna without displacing other tower tenants (FM broadcast or TV stations) or strengthening the tower and increasing its height, neither of which is possible in time to meet the July 1, 2006 DTV build-out deadline. To offset the reduction in height, an increase in effective radiated power from the 200 kW ERP authorized in the CP to 230 kW ERP is requested. This and a slight rotation of the antenna maximum field from 330 degrees true to 332 degrees true allows better replication of existing DTV service with minimal extension (less than 0.4 km) of the authorized 41.2 dB μ V/m service contour in some directions. A table comparing contour distances is attached to Exhibit 42.

The attached coverage map shows that the proposed facility provides a 48.2 dB μ V/m contour over all of Paradise Nevada, the community of license as well as Las Vegas, Nevada. Attached Longley-Rice coverage maps show that coverage is limited by terrain rather than signal strength in most areas in the southeast quadrant where the contour from the authorized facility exceeds that of the proposed facility by over 2 km.

The change in site and elevation reduces the 41.2 dB μ V/m contour (as measured from the authorized site) by distances up to 9.5 kilometers. Contour reduction is less than 4 km along all radials except from 213 to 221 degrees. The predicted contour is reduced by 9.5 km at 215 degrees. The attached terrain profiles along the 215 degree radial show that terrain beyond the 16 km distance used in calculating height above average terrain blocks signals both from the authorized and proposed facilities before they reach the noise limited contour. A Longley-Rice analysis confirms there is no predicted service in this area from either facility.

Although the 41.2 dB μ V/m service contour is reduced in some areas, the proposed facilities are predicted to provide 41.2 dB μ V/m noise-limited service to slightly more population than the authorized facilities. Using the Longley-Rice implementation in Radiosoft's Comstudy Version 2.2.12.105, with 1-km cell size, 200 meter terrain extraction and OET-69 specified parameters, the number of people in the noise-limited contour predicted to receive a 41.2 dB μ V/m from the proposed facilities is 1,337,859, compared with 1,335,754 people from the facilities authorized in BMPCDT20050126AJL. The requested facilities will provide DTV service to an additional 2,105 people, as calculated using the Comstudy software.

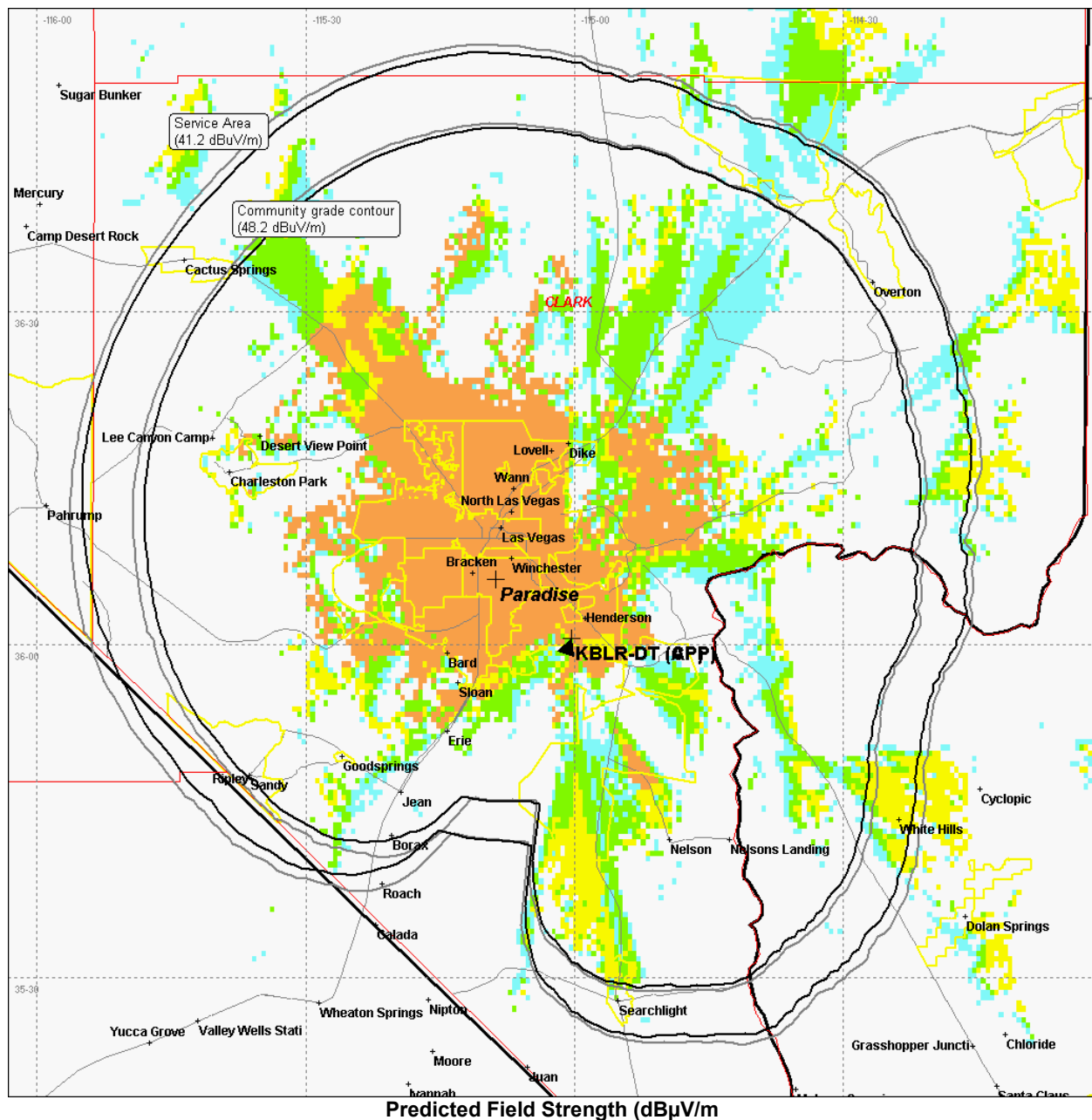
FCC Service Area / Community Service Contours



Map prepared using Comstudy 2.2.12.105

Prepared by Doug Lung,
June 14, 2006

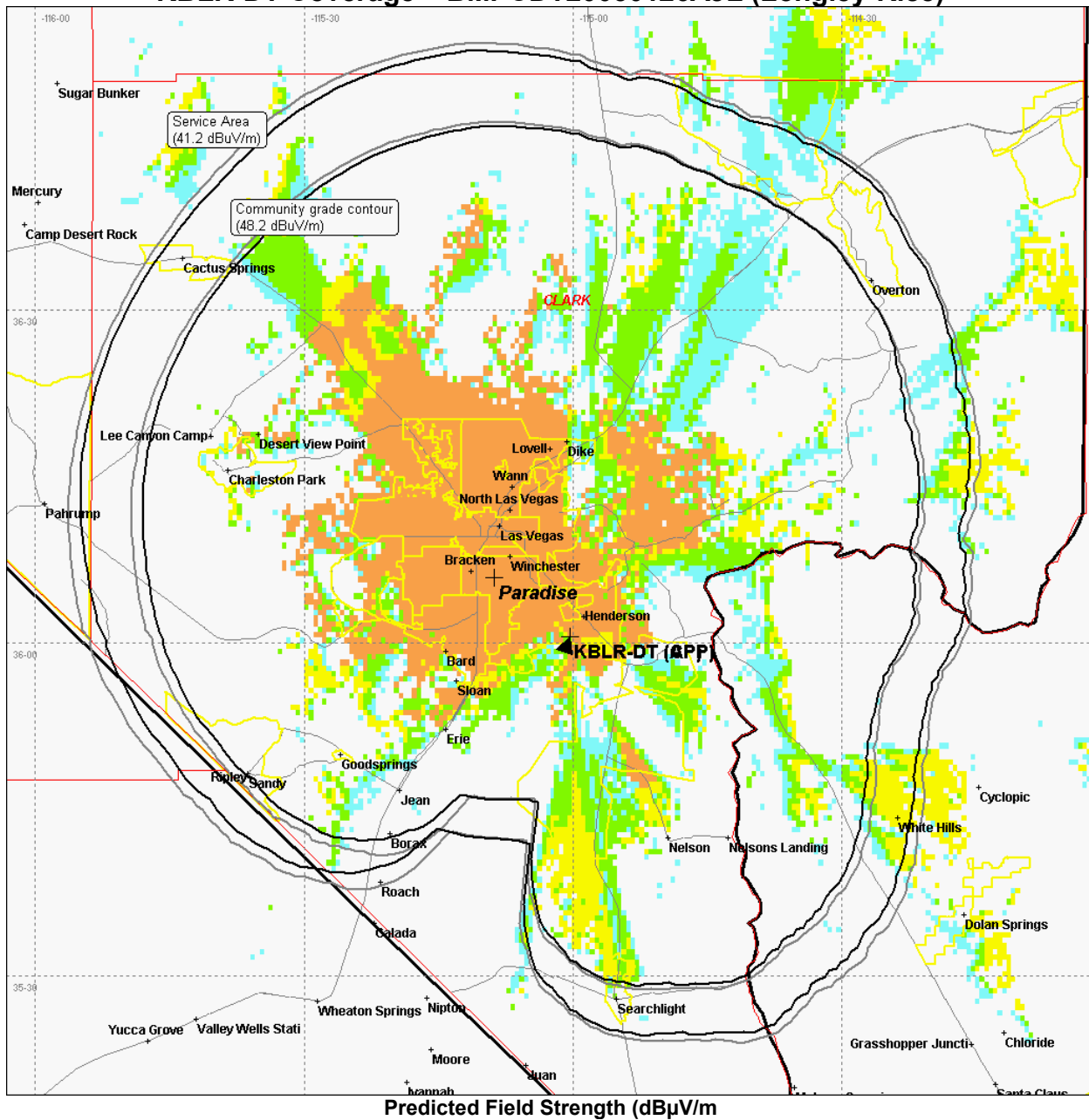
Proposed KBLR-DT Coverage (Longley-Rice)



Authorized BMPCDT20050126AJL contours for 200 kW at 362.9m HAAT are shown in gray
Proposed KBLR-DT contours for 230 kW at 328.5m HAAT are shown in black.
Longley-Rice coverage based on 1.0 km cell size, 200m terrain spacing, OET-69 parameter.

Map prepared using Comstudy 2.2.12.105

KBLR-DT Coverage – BMPCDT20050126AJL (Longley-Rice)



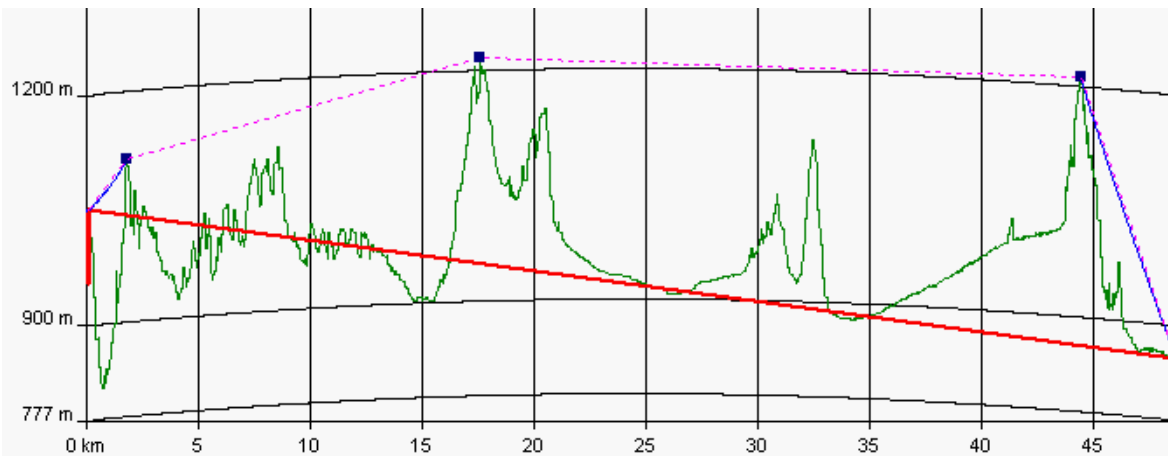
Authorized BMPCDT20050126AJL contours for 200 kW at 362.9m HAAT are shown in gray
 Proposed KBLR-DT contours for 230 kW at 328.5m HAAT are shown in black.
 Longley-Rice coverage based on 1.0 km cell size, 200m terrain spacing, OET-69 parameter.

Map prepared using Comstudy 2.2.12.105

Prepared by Doug Lung,
 June 14, 2006

Terrain Profile at 215 degrees to Noise-limited Contour

From BMPCDT20050126AJL Location:



KBLR-DT (CP)

Lat: 36-00-36.0 N
Lon: 115-00-20.0 W
AMSL: 955 m
Tower AGL: 96 m

Receiver

Lat: 35-39-09.7 N
Lon: 115-19-12.0 W
AMSL: 847 m
Tower AGL: 10 m

Profile Info

Distance: 48.80 Km
Bearing: 215.60 deg
of points: 1500
K value: 1.333
Frequency: 629.0000
Clearance: 0.6

Losses

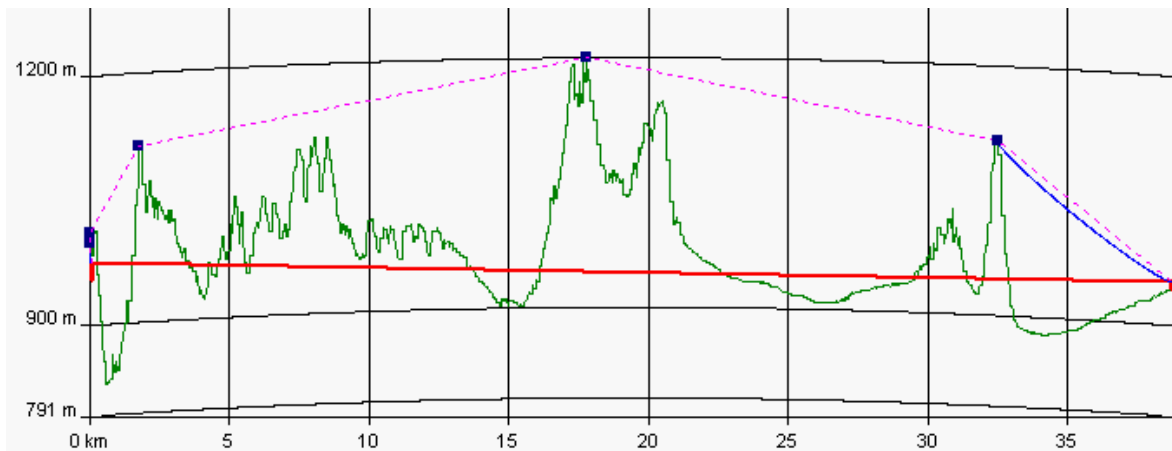
Base Loss: 126.6 dB
Fade Margin: N/A
Diffraction: 49.7 dB
Fresnel: 3.0 dB

**Profile Plotted using
Comstudy 2.2.12.92A**

Prepared by Doug Lung,
June 14, 2006

Terrain Profile at 215 degrees to Noise-limited Contour

From Proposed Location:

**KBLR-DT (APP-MOD)**

Lat: 36-00-34.3 N
Lon: 115-00-19.1 W
AMSL: 955 m
Tower AGL: 20 m

Receiver

Lat: 35-43-31.8 N
Lon: 115-15-19.9 W
AMSL: 944 m
Tower AGL: 10 m

Profile Info

Distance: 38.80 Km
Bearing: 215.60 deg
of points: 1500
K value: 1.333
Frequency: 629.0000
Clearance: 0.6

Losses

Base Loss: 136.2 dB
Fade Margin: N/A
Diffraction: 81.5 dB
Fresnel: 0.0 dB

Profile Plotted using
Comstudy 2.2.12.92A

Prepared by Doug Lung,
June 14, 2006