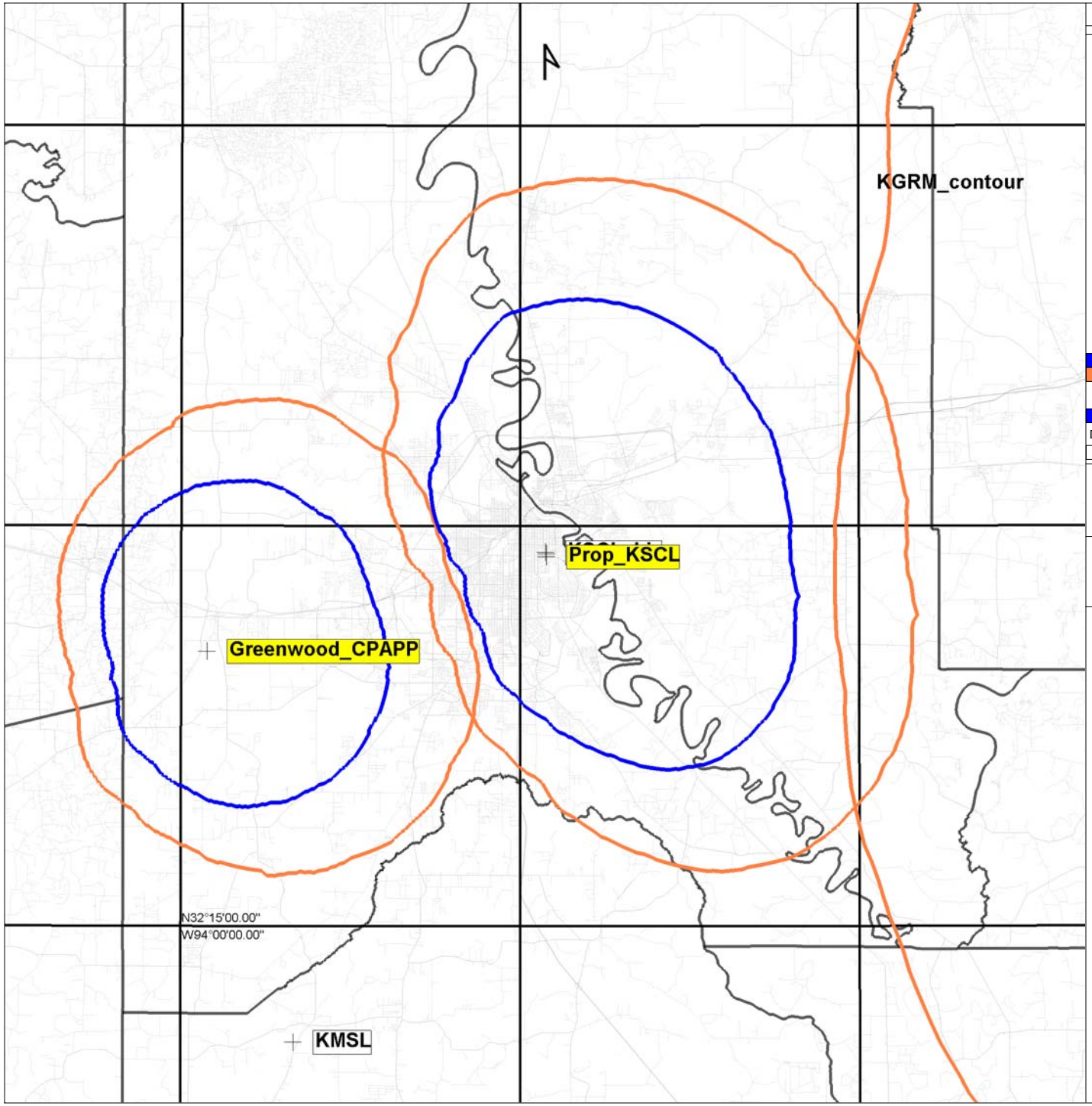

1st Adjacent Channel Protection Detai

Sites

Site: Greenwood_CPAPP
N32°25'18.00" W93°58'52.00" 90.0 m
Site4c Tx.Ht.AGL: 85.0 m Total ERPd: 0.20 kW
Model: 1 directional-horizontal/0.0° 91.1000 MHz

Site: KGRM
N32°30'56.00" W92°43'27.00" 97.0 m
Site6c Tx.Ht.AGL: 132.0 m Total ERPd: 49.95 kW
Model: 1 omni-horizontal/0.0° 91.5000 MHz

Site: Prop_KSCL
N32°28'51.35" W93°43'51.06" 53.3 m
Site2c Tx.Ht.AGL: 57.6 m Total ERPd: 2.60 kW
Model: 1 directional-horizontal/0.0° 91.3000 MHz

Interference contour study

Propagation methods:
service contour : FCC 50.0%
1st adjacent interference : FCC 10.0%

= 60.0 dBµV/m service contour
= 54.0 dBµV/m 1st adjacent interference

Field strength at remote

= 60.0 dBuV/m

Display threshold level: -120.0 dBmW

Reference Grid (spacing: 15')

KILOMETERS

-5 0 15

Proposed KSCL Interference Study 1

First Adjacent Channel

Figure 1 November 9, 2005