

Exhibit E-43

As this exhibit demonstrates, the proposed facility will comply with the city of license coverage requirements. Attached to this exhibit is a map which illustrates the predicted Longley-Rice coverage of the proposed facility bounded by the 40.68 dBu F(50,90) service contour. This map demonstrates that the 48 dBu F(50,90) service contour encompasses the community of license. In addition, the predicted signal level by the Longley-Rice method exceeds 48 dBu over the entire community of license.

KXTF-D.C

Latitude: 42-43-42 N
Longitude: 114-24-43 W
ERP: 21.70 kW
Channel: 34
Frequency: 593.0 MHz
AMSL Height: 1324.0 m
Elevation: 1329.786 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: Longley/Rice
Climate: Cont temperate
Conductivity: 0.0050
Dielec Const: 15.0
Refractivity: 311.0
Receiver Ht AG: 10.0 m
Receiver Gain: 0 dB
Time Variability: 90.0%
Sit. Variability: 50.0%
ITM Mode: Broadcast

D.L. Markley & Associates, Inc.

48 dBu F(50,90)
Service Contour

40.68 dBu F(50,90)
Service Contour

■ > 48.0 dBu
■ 41.0 - 48.0
□ 0.0 - 41.0

Exhibit E-43
Coverage Map
KXTF-DT - Idaho Falls, Idaho
Falls Broadcasting Company
August, 2005

City of License

Scale 1:1,000,000

0 10 20 30 km

