



## Exhibit 12-2 ERP Determination-Canadian Border Considerations

4/20/2006

This location is west of the Mississippi River and is not in the Canadian or Mexican border zones or in zone 1-A. The maximum HAAT in the 12 evenly spaced radials is 37.0m (60°). The specified ERP is 0.18 kW (in all directions.) Therefore it complies with the power limitations set forth in § 74.1235(b).

### Predicted Distances to the 60-dBu

Channel 220 (91.9 MHz)

RCAMSL: 414 m

HAAT: 21.4 m (avg. of 12 evenly spaced radials)

Terrain data source: FCC 30-Sec DEM(NGDC)

North Lat: 43° 27' 14"

West Long: 94° 43' 1"

Antenna: Non-DA V Pol

ERP (in all directions:) 0.180 kW

Az	Avg. Elev. (m)	HAAT (m)	Dist to 60 dBu F(50,50)(km)
0°	390.4	23.6	6.5
30°	380.1	33.9	6.9
<b>60°</b>	<b>377.0</b>	<b>37.0</b>	<b>7.2</b>
90°	379.0	35.0	7.0
120°	380.0	34.0	6.9
150°	380.8	33.2	6.8
180°	392.9	21.1	6.5
210°	400.9	13.1	6.5
240°	407.8	6.2	6.5
270°	409.1	4.9	6.5
300°	409.4	4.6	6.5
330°	403.7	10.3	6.5

### **Map Showing 60 dBu F(50,50) Contour**

