

The Refuge

Positive Hit Music

Exhibit 12-2 ERP Determination-Canadian Border Considerations

11/2/2006

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 **26.6m (60°)**. The specified ERP is 0.11 kW (in all directions.) Therefore it complies with the power limitations set forth in § 74.1235(b).

Predicted Distances to the 60-dBu

Channel 218 (91.5 MHz)

RCAMSL: 394 m

HAAT: 17.6 m (avg. of 12 evenly spaced radials)

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

North Lat: 43° 32' 38"

West Long: 94° 37' 13"

Antenna: Non-DA H & V Pol

ERP (in all directions:) 0.110 kW

Az	Avg. Elev. (m)	HAAT (m)	Dist to 60 dBu F(50,50)(km)
0°	380.3	13.7	10.5
30°	376.9	17.1	10.6
60°	367.4	26.6	11.1
90°	372.5	21.5	11.5
120°	376.8	17.2	11.6
150°	377.5	16.5	11.8
180°	378.9	15.1	7.1
210°	383.5	10.5	7.1
240°	393.1	0.9	7.1
270°	397.3	-3.3	7.1
300°	383.6	10.4	7.3
330°	379.5	14.5	10.2

Map Showing 60 dBu F(50,50) Contour

