

The Refuge

Positive Hit Music

Exhibit 12-2 ERP Determination-Canadian Border Considerations

4/26/2006

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 **83.6 m (150°)**. The specified ERP is 0.08 kW (in all directions.) Therefore it complies with the power limitations set forth in § 74.1235(b).

Predicted Distances to the 60-dBu

Channel 257 (99.3 MHz)

RCAMSL: 473 m

HAAT: 53.5 m (avg. of 12 evenly spaced radials)

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

North Lat: 43° 24' 50"

West Long: 94° 51' 7"

Antenna: Non-DA H & V Pol

ERP (in all directions:) 0.08 kW

Az	Avg. Elev. (m)	HAAT (m)	Dist to 60 dBu F(50,50)(km)
0°	408.3	64.7	7.8
30°	407.1	65.9	7.9
60°	400.7	72.3	8.3
90°	393.4	79.6	8.7
120°	392.7	80.3	8.7
150°	389.4	83.6	8.9
180°	443.4	29.6	5.3
210°	442.7	30.3	5.4
240°	447.1	25.9	5.3
270°	456.0	17.0	5.3
300°	441.2	31.8	5.5
330°	412.2	60.8	7.6

Map Showing 60 dBu F(50,50) Contour

