



Refuge Media Group (RMG)

Exhibit 12-2 ERP Determination

11/9/2005

The maximum HAAT in the 12 evenly spaced radials is 72.3 meters in the 90° radial. The specified ERP in this instant application is 0.250 kW (in all directions.) Therefore it complies with the power limitations set forth in § 74.1235, which allows a maximum ERP of 0.250 kW for the specified height. This proposal *is not* within the Canadian or Mexican Border zones.

Predicted distances to the 60-dBu contour are illustrated in the chart below:

Channel 240 (95.9 MHz)

RCAMSL: 365.0 m

HAAT: 53.0 m (avg. of 12 evenly spaced radials)

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

North Lat: 44° 32' 28"

West Long: 95° 10' 58"

Antenna: Non-DA

ERP (in all directions:) 0.250 kW

Az	Avg. Elev. (m)	HAAT (m)	Dist to 60 dBu F(50,50)
0°	302.5	62.5	10.4 km
30°	303.2	61.8	10.3 km
60°	293.9	71.1	11.0 km
90°	292.7	72.3	11.1 km
120°	317.5	47.5	10.0 km
150°	320.0	45.0	8.7 km
180°	325.3	39.7	8.1 km
210°	325.0	40.0	8.2 km
240°	318.4	46.6	8.9 km
270°	318.9	46.1	8.9 km
300°	320.0	45.0	8.7 km
330°	306.9	58.1	10.0 km

K240DJ Proposed 60 dBu F(50,50) Contour

