

Exhibit 12-2 ERP Determination-Canadian Border Considerations

12/14/2004

The specified site is actually located East of the Mississippi River, as the river runs through the city of Brainerd, MN. However, K208BQ is currently operating in accordance to the table in 47 C.F.R. § 74.1235(b)(2). While that table indicates it is to be used in areas *not* East of the Mississippi River or in Zone 1-A, K208BQ clearly lies in the areas served by Class C facilities. Further, while K208BQ would be East of the River in the strictest sense, it falls within the area defined as Zone II for FM broadcast facilities. Further it has been operating without causing actual interference in accordance to § 74.1203. Because of this it is *respectfully requested* this translator be allowed **to continue to operate** under the height and power in accordance to § 74.1235(b)(2); (but on its 2nd adjacent channel 210).

This proposal's location is in the Canadian border zone and as such the provisions in § 74.1235(d)(3) are also used to determine maximum ERP (MERP.) As shown in the chart below, the maximum HAAT in the 12 evenly spaced radial directions for this proposal is 147.0m (270° radial.) From the chart in § 74.1235(a)(2), the maximum power for said HAAT is 0.115 kW. **This application proposes to continue to operate at 0.115 kW.** As shown below, the specified ERP also complies with § 74.1235(d)(3), as the maximum distance to the 34-dBu interference contour is less than 60 km in all directions.

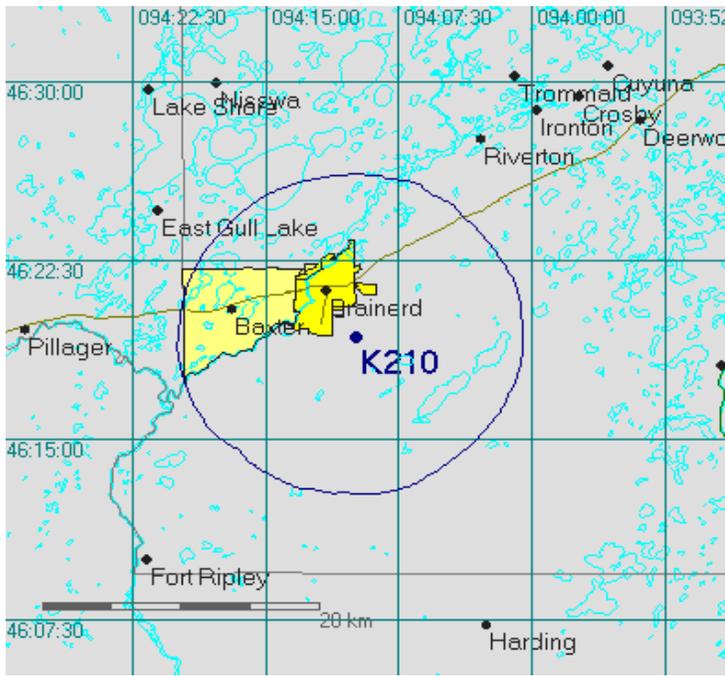
Predicted Distances to the 60-dBu & 34 dBu Contours

Channel 210 FX (89.9 MHz)
RCAMSL: 510 m
HAAT: 137m (avg. of 12 evenly spaced radials)
Terrain data source: FCC 30-Sec DEM(NGDC)

North Lat: 46° 19' 19"
West Long: 94° 9' 55"
Antenna: Non-DA
ERP (in all directions:) 0.115 kW

Az	Avg. Elev. (m)	HAAT (m)	Dist to 60 dBu F(50,50)(km)	Dist to 34 dBu F(50,10)(km)
0°	366.7	143.3	12.7	57.8
30°	372.6	137.4	12.4	56.9
60°	380.0	130.0	12.1	55.9
90°	379.7	130.3	12.1	55.9
120°	384.4	125.6	11.9	55.2
150°	384.7	125.3	11.9	55.2
180°	377.6	132.4	12.2	56.2
210°	373.0	137.0	12.4	56.9
240°	365.6	144.4	12.7	57.9
270°	363.0	147.0	12.9	58.3
300°	364.4	145.6	12.8	58.1
330°	364.6	145.4	12.8	58.1

60 dBu F(50,50) Contour



34 dBu F(50,10) Contour

