

LAKES AREA CHRISTIAN RADIO (LACR)

Exhibit 12-1 Contour Study for channel 201FX

(Jackson, MN Proposal)

9/23/2005

Channel: 201(88.1 MHz)
Antenna: Non-Directional V-Pol
ERP: 0.250 kW
RCAMSL: 473 m

North Lat: 43° 39' 3"
West Lon: 94° 43' 55"
Facility ID #: 83434

HAAT (Max of 12 evenly spaced radials:) 104.8m

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

Dist to: 60 dBu F(50,50) Contour: 13.2 km; 40 dBu F(50,10) Contour: 45.2 km; 54 dBu F(50,10) Contour: 19.7 km; 100 dBu F(50,10) Contour: 1.1 km

Call	Channel	Class	Frequency	Status	City	State	Country	File Number	Docket
FacilityID	ERP	DA?	HAAT	RCAMSL	RCAGL	Latitude	Longitude	ASRN	
Dist(km)	Dist(mi)	Azimuth	Licensee/Permittee	Req	Dist				Clear By
<u>981015MB</u>	201 A FM	88.1 MHz	APP	WINDOM		MN US	BPED-19981015MB	-	
<u>91900</u>	0.25 kW		38. m	472. m	41. m	N 43 51 15.00	W 95 7 30.00	-	
38.9 km	24.17 mi	305.74°	EDUCATIONAL OPPORTUNITIES, INC.	53.1 km					-14.2 km*
Dist to 60 dBu F(50,50) Contour: 7.9 km									

<u>KBOJ</u>	201 A FM	88.1 MHz	LIC	WORTHINGTON		MN US	BLED-20020711AAA	-	
<u>91820</u>	0.25 kW		44. m	532. m	46. m	N 43 35 53.00	W 95 37 30.00	-	
72.3 km	44.94 mi	265.64°	AMERICAN FAMILY ASSOCIATION	53.8 km					18.5 km
Dist to 60 dBu F(50,50) Contour: 8.6 km									

*Pursuant to § 74.1204 (a) "An application for an FM translator station will not be accepted for filing if the proposed operation would involve overlap of predicted field contours with any other **authorized** commercial or noncommercial educational FM broadcast stations, FM translators, and Class D (secondary) noncommercial educational FM stations." Since 19981015MB is **not an authorized station but is an application**, it does not preclude LACR's use of the channel unless the FCC grants their proposal. However, in the event 19981015MB does get granted, LACR certifies it will request minor changes to comply with § 74.1204 (a)(3) by eliminating the contour overlap by one or more of (but not limited to) the following means: use of directional antenna, reduction in ERP, minor change of channel and/or minor change of location.

Map Showing Co-Channel Contours

