

LAKES AREA CHRISTIAN RADIO (LACR)

Exhibit 12-1 Contour Study for channel 201FX

(Jackson, MN Proposal)

7/28/2005

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

North Lat: 43° 37' 40"
West Lon: 94° 58' 52"
Facility ID #: 83434

HAAT (Max of 12 evenly spaced radials:) 74.3 m

Terrain data source: USGS 3-Sec DEM (DMA)

Dist to: 60 dBu F(50,50) Contour: 11.2 km; 40 dBu F(50,10) Contour: 38.2 km; 54 dBu F(50,10) Contour: 16.0 km; 100 dBu F(50,10) Contour: 1.1 km

Call	Channel	Service	Status	City	State	Country	File Number	Docket
FacilityID	ERP	DA?	HAAT	RCAMSL	RCAGL	Latitude	Longitude	ASRN
981015MB	201 A	FM	88.1 MHz APP	WINDOM	MN	US	BPED-19981015MB	-
91900	0.25 kW		38. m	472. m	41. m	N 43 51 15.00	W 95 7 30.00	-
27.7 km	17.21 mi	335.39°	EDUCATIONAL OPPORTUNITIES, INC.	46.1 km				-18.4 km*
Dist to 60 dBu F(50,50) Contour: 7.9 km								

KBOJ	201 A	FM	88.1 MHz LIC	WORTHINGTON	MN	US	BLED-20020711AAA	-
91820	0.25 kW		44. m	532. m	46. m	N 43 35 53.00	W 95 37 30.00	-
52.1 km	32.36 mi	266.57°	AMERICAN FAMILY ASSOCIATION	46.8 km				5.3 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 Contours

