Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0029 (February 2007)	FOR FCC USE ONLY
FCC 340		
APPLICATION FOR CONSTRUCTION PERMIT FOR RESERVED CHANNEL NONCOMMERCIAL EDUCATIONAL BROADCAST STATION Read INSTRUCTIONS Before Filling Out Form		FOR COMMISSION USE ONLY FILE NO. BNPED - 20071016AHN

Section I - General Information

1.	Legal Name of the Licensee/Permittee MINNESOTA PUBLIC RADIO		
	Mailing Address 480 CEDAR STREET		
	City ST. PAUL	State or Country (if foreign address) MN	Zip Code 55101 -
	Telephone Number (include area code) 6512901259	E-Mail Address (if available) FCCFILING@MPR.ORG	
	FCC Registration Number: 0002642510	Call Sign	Facility Identifier 173553
2.	Contact Representative (if other than licensee/Permittee) TODD M STANSBURY		Firm or Company Name WILEY REIN LLP
	Telephone Number (include area code) 2027194948		E-Mail Address (if available) TSTANSBURY@WILEYREIN.COM
3.	Is this application being filed in response to a window? If Yes, specify closing date 10/19/2007 and/or window number:		(•) Yes ( ) No

4 **Application Purpose**

(•) New station
( ) Major Change in licensed facility
( ) Minor Change in licensed facility
( ) Major Modification of construction permit
( ) Minor Modification of construction permit
( ) Major Amendment to pending application
( ) Minor Amendment to pending application

(a) File number of original construction permit: -

(b) Service Type: (•) FM ( ) TV ( ) DTV

(c) Community of License:
City: REDWOOD FALLS State: MN

(d) Facility Type (•) Main ( ) Auxiliary

If an amendment, **submit as an Exhibit** a listing by Section and Question Number the portions of the pending application that are being revised. [Exhibit 1]

NOTE: The failure to include an explanatory providing full particulars in connection with a "No" response may result in dismissal of the application. See Instructions, paragraph L for additional information regarding completion

of explanatory exhibits.

SECTION II - Legal and Financial

1.	**Certification.** Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.	(•) Yes ( ) No
2.	**Eligibility.** Each application must answer "Yes" to one and "No" to two of the three following certifications. An applicant should not submit an explanatory exhibit in connection with these Question 2 "No" responses. The applicant certifies that it is: a. a nonprofit educationl institution; or b. a governmental entity other than a school; or c. a nonprofit educationl organization, other than described in a. or b.	 ( ) Yes (•) No ( ) Yes (•) No (•) Yes ( ) No
3.	For applicants checking "Yes" to question 2(c) and applying for a new noncommercial educationl television station only, the applicant certifies that the applicant's officers, directors and members of its governing board are broadly representative of the educational, cultural, and civic segments of the principal community to be served.	( ) Yes ( ) No (•) N/A
4.	a. The applicant certifies that the Commission has previously granted a broadcast application identified here by file number that found this applicant qualified as a noncommercial educational entity with a qualifying educational program, and that the applicant will use the proposed station to advance a program similar to that the Commission has found qualifying in applicant's previous application. b. Applicants who answered "No" to Question 4(a), must include an exhibit that describes the applicant's educational objective and how the proposed station will be used to advance an educational program that will further that objective according to 47 C.F.R. Section 73.503 (for radio applicants) and 47 C.F.R. Section 73.621 (for television applicants).	(•) Yes ( ) No FCC FileNumber BMLED- 940420KA [Exhibit 2]
5.	The applicant certifies that its governing documents (e.g., articles of incorporation, by-laws, charter, enabling statute, and/or other pertinent organizational document) permit the applicant to advance an educational program and that there is no provision in any of those documents that would restrict the applicant from advancing an educational program or complying with any Commission rule, policy, or provision of the Communications Act of 1934, as amended.	(•) Yes ( ) No
6.	a. **Parties to the Application.** List separately each party to the application including, as applicable, the applicant, its officers, directors, five percent or greater stockholders, non-insulated partners, members, and all other persons and entities with attributable interests. If another entity hold an attributable interest in the applicant, list separately, as applicable, its officers, directors, five percent or greater stockholders, non-insulated partners, and board members. Create a separate row for each individual or entity. Attach additional pages if necessary. [Enter Parties/Owners Information] **Parties to the Application** List separately each party to the application including, as applicable, the applicant, its officers, directors, five percent or greater stockholders, non-insulated partners, members, and all other persons and entities with attributable interests. If another entity hold an attributable interest in the applicant, list separately, as applicable, its officers, directors, five percent or	

greater stockholders, non-insulated partners, and board members. Create a separate row for each individual or entity. Attach additional pages if necessary.

(a) Name and Residence Address(es)	(b) Citizen-ship	(c) Positional Interest: Officer, director, investor/creditor attributable under the Commission's equity/debt plus standard, etc	(d) Director or Member of Governing Board	(e)% of: Ownership(O) or Voting Stock(VS) or Membership (M)			(f) % of: of Total Assets (equity plus debt)
				Owner-ship (O) or	Voting Stock (VS) or	Member-ship (M)	
PLEASE SEE ATTACHMENT TO EXHIBIT 3			○ Yes ○ No				

b. Applicant certifies that equity and financial interests not set forth above are non-attributable pursuant to 47 C.F.R. Section 73.3555 and that there are no agreements or understandings with any non-party that would give influence over the applicant's programming, personnel, or finances to that non-party.

◉ Yes ○ No
[Exhibit 3]

7. **Other Authorizations.** List call signs, locations, and facility identifiers of all other broadcast stations in which applicant or any party to the application has an attributable interest pursuant to the notes to 47 C.F.R. Section 73.3555.

☐ N/A
[Exhibit 4]

8. **Character Issues.** Applicant certifies that neither applicant nor any party to the application has or has had any interest in or connection with:

a. any broadcast application in any proceeding where character issues were left unresolved or were resolved adversely against the applicant or party to the application; or

b. any pending broadcast application in which character issues have been raised.

◉ Yes ○ No

See Explanation in [Exhibit 5]

9. **Adverse Findings.** Applicant certifies that, with respect to the applicant, any party to the application, and any non-party equity owner in the applicant, no adverse finding has been made, nor has an adverse final action been taken by any court or administrative body in a civil or criminal proceeding brought under the provisions of any law related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another government unit; or discrimination.

If the answer is "No," attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the the court or administrative body and the proceeding (by dates and file numbers), and a description of the disposition of the matter. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 C.F.R. Section 1.65, the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

◉ Yes ○ No

See Explanation in [Exhibit 6]

10. **Alien Ownership and Control.** Applicant certifies that it complies with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments.

◉ Yes ○ No

See Explanation in [Exhibit 7]

11. **Program Service Certification.** Applicant certifies that it is cognizant of and will comply with its obligations as a commission licensee to present a program service responsive to the issues of public concern facing the station's community of license and service area.

◉ Yes ○ No

12. **Local Public Notice.** Applicant certifies compliance with the public notice requirements of

◉ Yes ○ No

	47 C.F.R. Section 73.3580.	
13.	**Anti-Drug Abuse Act Certification.** Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	(•) Yes ( ) No
14.	**Equal Employment Opportunity (EEO).** If the applicant proposes to employ five or more full-time employees, applicant certifies that it is filing simultaneously with this application a Model EEO Program Report on FCC Form 396-A.	( ) Yes ( ) No (•) N/A
QUESTIONS 15, 16 AND 17 APPLY ONLY TO APPLICANTS FOR NEW STATIONS. OTHER APPLICANTS CAN PROCEED TO QUESTION 18.		
15.	**Financial.** The applicant certifies that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without revenue. If "No" to 15., answer question 16. and 17.	(•) Yes ( ) No See Explanation in [Exhibit 8]
16.	Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration?	( ) Yes ( ) No
17.	Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision?	( ) Yes ( ) No
NOTE: If Yes to 16. **or** 17., the application cannot be granted unconditionally until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on the applicant's part is required. If the applicant relies on funds from a source specified in Question 17., **the applicant must advise the Commission when the funds are committed or appropriated.** This should be accomplished by letter amendment to the application. Applicants should take note that the Commission's construction period is not considered "tolled" by funding difficulties and that any permit granted conditionally on funding will expire if the station is not constructed for any reason, including lack of funding.		
QUESTIONS 18 AND 19 DO NOT APPLY TO APPLICATIONS FOR NEW STATIONS. APPLICANTS FOR NEW FM STATIONS CAN PROCEED TO SECTION III. APPLICANTS FOR NEW TV STATIONS CAN PROCEED TO SECTION IV.		
Holding Period.		
18.	Applicant certifies that this application does not propose a modification to an authorization that was awarded on the basis of a preference for fair distribution of service pursuant to 47 U.S.C. Section 307(b). If "No," answer a. and b. below. If applicant answers "No" to 18. above and cannot answer "Yes" to either a. or b. below, the application is unacceptable. a. Applicant certifies that the proposed modification will not downgrade service to the area on which the Section 307(b) preference was based. b. Applicant certifies that although it proposes to downgrade service to the area on which the Section 307(b) preference was based, applicant has provided full service to that area for a period of four years of on-air operations.	( ) Yes ( ) No ( ) Yes ( ) No ( ) Yes ( ) No
19.	Applicant certifies that this application does not propose a modification to an authorized station that received a credit for superior technical parameters under the point system selection method in 47 C.F.R. Section 73.7003. If "No," applicant must be able to answer "Yes" to a. below or provide an exhibit that makes a compelling showing that the downgrade would be in the public interest. a. Applicant certifies that the population and area within the proposed service contour (60 dBu (FM) or grade B (TV)) are greater than or equivalent to those authorized.	( ) Yes ( ) No ( ) Yes ( ) No [Exhibit 9]

Section III
Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b) (New and Major Changes to FM Radio Only) (Other applicants can proceed to Section IV).

1.	Applicant certifies that the proposed station will provide a first noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour **and** (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.	(•) Yes ( ) No [Exhibit 10]
2.	Applicant certifies that the proposed station will provide a second noncommercial educational aural service to (a) at least 10 percent of the people residing within the station's 60 dBu (1mV/m) service contour **and** (b) to a minimum of 2,000 people. Applicants answering "Yes" must provide an Exhibit.	(•) Yes ( ) No [Exhibit 11]

Section IV Point System Factors - New and Major Change Applications Only (used to select among mutually exclusive radio and television applications for new stations and major modifications) **NOTE**: Applicants will not receive any additional points for amendments made after the close of the application filing window.

1.	**Established Local Applicant:** Applicant certifies that for at least the 24 months immediately prior to application, and continuing through the present, it qualifies as a local applicant pursuant to 47 C.F.R. Section 73.7000, that its governing documents require that such localism be maintained, and that it has placed documentation of its qualifications as an established local applicant in a local public inspection file and has submitted to the Commission copies of the documentation.	( ) Yes (•) No
2.	**Diversity of Ownership:** (a) Applicant certifies that the principal community (city grade) contour of the proposed station does not overlap the principal community contour of any other authorized station (comparing radio and television to television, including non-fill-in translator stations other than those identified in 2(b) below) in which any party to the application has an attributable interest as defined in 47 C.F.R. Section 73.3555, that its governing documents require that such diversity be maintained, and that it has placed documentation of its diversity qualification in a local public inspection file and has submitted to the Commission copies of the documentation.	( ) Yes (•) No
	(b) Is the application's certification to 2(a) based on its exclusion of translator station(s) that will be replaced with a full service station pursuant to the authorization requested here? If Yes, applicant must include an exhibit identifying the translator station authorization for which it will request cancellation upon commencement of operation of the proposed full service station (i.e., upon its filing of a license application and receipt of program test authority).	( ) Yes (•) No [Exhibit 12]
3.	**State-wide Network:** Applicant certifies that (a) it has NOT claimed a credit for diversity of ownership above: (b) it is one of the three specific types of organizations described in 47 C.F.R. Section 73.7003(b)(3); and (c) it has placed documentation of its qualifications in a local public inspection file and has submitted to the Commission copies of the documentation.	( ) Yes (•) No
4.	**Technical Parameters:** Applicant certifies that the numbers in the boxes below accurately reflect the new area and population that its proposal would serve with a 60 dBu (FM) or Grade B (TV) signal measured in accordance with the standard predicted contours in 47 C.F.R. Section 73.713(c) (FM) and 73.683(TV) and that it has documented the basis for its calculations in the local public inspection file and has submitted copies to the Commission. Major modification applicants should include the area of proposed increase only (exclude any area already within the station's existing service area). (Points, if any, will be determined by FCC)	(•) Yes ( ) No
	New area served in square kilometers (excluding areas of water):	1267
	Population served based on the most recent census block data from the United States Bureau of Census using the centroid method:	11004

SECTION V - Tie Breakers - New and Major Change Applications Only (used to choose among competing radio and television applications receiving the same number of points in Section IV)

1.	**Existing Authorizations.** By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of relevant broadcast station authorizations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV (2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial and TV translator stations other than fill-in stations or those identified in IV(2)(b) above.

	64 (number of commercial and non-commercial licenses and construction permits)
2.	**Pending Applications.** By placing a number in the box, the applicant certifies that it and other parties to the application have, as of the date of filing and pursuant to 47 C.F.R. Section 73.3555, attributable interests in the stated number of pending applications for new or major changes to relevant broadcast stations. Radio applicants should count all attributable full service radio stations, AM and FM, commercial and noncommercial, and FM translator stations other than fill-in stations or those identified in IV(2)(b) above. TV applicants should count all attributable full service TV stations, commercial and noncommercial, and TV translator stations other than fill-in stations or those identified in IV(2)(b) above. 11 (number of pending commercial and non-commercial applications)

Section VI -- Certification

I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations. I hereby waive any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and request an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

Typed or Printed Name of Person Signing THOMAS J KIGIN	Typed or Printed Title of Person Signing EXECUTIVE VICE PRESIDENT
Signature	Date 10/15/2007

Section VII Preparer's Certification

I certify that I have prepared Section VII (Engineering Data) on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name KATE MICHLER	Relationship to Applicant (e.g., Consulting Engineer) TECHNICAL CONSULTANT	
Signature	Date 10/4/2007	
Mailing Address DOUG VERNIER TELECOMMUNICATION CONSULTANTS 721 WEST 1ST STREET, SUITE A		
City CEDAR FALLS	State or Country (if foreign address) IA	Zip Code 50613-
Telephone Number (include area code) 3192668402	E-Mail Address (if available) KMICHLER@V-SOFT.COM	

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Section VII - FM Engineering	
TECHNICAL SPECIFICATIONS Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.	
TECH BOX	
1.	Channel Number: 201
2.	Class (select one): ○ D ◉ A ○ B1 ○ B ○ C3 ○ C2 ○ C1 ○ C0 ○ C
3.	Antenna Location Coordinates: (NAD 27)

Latitude:
Degrees 44 Minutes 32 Seconds 35.2 ◉ North ○ South

Longitude:
Degrees 95 Minutes 7 Seconds 57 ◉ West ○ East

4. Proposed Assignment Coordinates: (NAD 27) - RESERVED CHANNELS ABOVE 220 ONLY ☑ Not Applicable
Latitude:
Degrees Minutes Seconds ○ North ○ South

Longitude:
Degrees Minutes Seconds ○ West ○ East

5. Antenna Structure Registration Number: 1024041
☐ Not Applicable ☐ Notification filed with FAA

6.	Overall Tower Height Above Ground Level:	93.6 meters
7.	Height of Radiation Center Above Mean Sea Level:	392.4 meters(H) 392.4 meters(V)
8.	Height of Radiation Center Above Ground Level:	80 meters(H) 80 meters(V)
9.	Height of Radiation Center Above Average Terrain:	80.9 meters(H) 80.9 meters(V)
10.	Effective Radiated Power:	2.1 kW(H) 2.1 kW(V)
11.	Maximum Effective Radiated Power: (Beam-Tilt Antenna ONLY) ☑ Not Applicable	kW(H) kW(V)

12. Directional Antenna Relative Field Values: ☑ Not applicable (Nondirectional)

Rotation (Degrees): ☐ No Rotation

Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
0		10		20		30		40		50	
60		70		80		90		100		110	
120		130		140		150		160		170	
180		190		200		210		220		230	
240		250		260		270		280		290	
300		310		320		330		340		350	

Additional Azimuths

Relative Field Polar Plot

NOTE: In addition to the information called for in this section, an explanatory exhibit providing full particulars must be submitted for each question for which a "No" response is provided.

CERTIFICATION

AUXILIARY ANTENNA APPLICANTS ARE NOT REQUIRED TO RESPOND TO ITEMS 12-15.

13.	**Main Studio Location.** The proposed main studio location complies with 47 C.F.R. Section 73.1125.	○ Yes ◉ No See Explanation in [Exhibit 13]
14.	**Community Coverage.** The proposed facility complies with 47 C.F.R. Section 73.315. (Channels 221 and above) or 47 C.F.R. Section 73.515 (Channels 220 and below).	◉ Yes ○ No See Explanation in [Exhibit 14]
15.	**Interference.** The proposed facility complies with all of the following applicable rule	◉ Yes ○ No

	sections. Check all that apply:	See Explanation in [Exhibit 15]
	Contour Overlap Requirements. a. ☑ 47 C.F.R. Section 73.509 **Exhibit Required.**	[Exhibit 16]
	Spacing Requirements. b. ☐ 47 C.F.R. Section 73.207 with respect to station(s)	
	Grandfathered Short-Spaced. c. ☐ 47 C.F.R. Section 73.213(a) with respect to station(s) **Exhibit Required.**	[Exhibit 17]
	Contour Protection. d. ☐ 47 C.F.R. Section 73.215(a) with respect to station(s) **Exhibit Required.**	[Exhibit 18]
	Television Channel 6 Protection. e. ☑ 47 C.F.R. Section 73.525 with respect to station(s) **Exhibit Required.**	[Exhibit 19]
16.	**Reserved Channels Above 220.** a. **Availability of Channels.** The proposed facility complies with the assignment requirements of 47 C.F.R. Section 73.203.	○ Yes ○ No See Explanation in [Exhibit 20]
17.	**International Borders.** The proposed antenna location is not within 320 kilometers of the common border between the United States and Canada or Mexico. If "No," specify the country and provide an exhibit of compliance with all provisions of the relevant International Agreement.	◉ Yes ○ No ○ Canada ○ Mexico [Exhibit 21]
18.	**Environmental Protection Act.** The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Worksheet #7, an **Exhibit is required.** By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure in excess of FCC guidelines.	◉ Yes ○ No See Explanation in [Exhibit 22]
19.	**Community of License Change - Section 307(b).** If the application is being submitted to change the facility's community of license, then the applicant certifies that it has attached an exhibit containing information demonstrating that the proposed community of license change comports with the fair distribution of service policies underlying Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b)). **An exhibit is required** unless this question is not applicable.	○ Yes ○ No ◉ N/A [Exhibit 23]
PREPARER'S CERTIFICATION ON PAGE 8 MUST BE COMPLETED AND SIGNED.		

Exhibits

Exhibit 2

Description: EXHIBIT 2 / ELIGIBILITY

PLEASE REFER TO EXHIBIT 4 FOR A COMPLETE LIST OF FACILITIES LICENSED TO THE APPLICANT.

Attachment 2

Exhibit 3
Description: EXHIBIT 3 / PARTIES TO THE APPLICATION

THE ATTACHMENT TO THIS EXHIBIT IS A LISTING OF THE BOARDS OF TRUSTEES OF THE APPLICANT, MINNESOTA PUBLIC RADIO, AS WELL AS ITS PARENT COMPANY, AMERICAN PUBLIC MEDIA GROUP. ADDITIONAL INFORMATION ON BOARD MEMBERS AND THEIR BROADCAST INTERESTS IS CONTAINED IN EXHIBIT 4.

Attachment 3

Description
Exh. 3 / Parties to the Application

Exhibit 4
Description: EXHIBIT 4 / FACILITIES

THE ATTACHMENT TO THIS EXHIBIT IS A COMPLETE LISTING OF FACILITIES LICENSED TO THE APPLICANT, WITH ADDITIONAL INFORMATION ON BOARD MEMBERS AND THEIR BROADCAST INTERESTS.

Attachment 4

Description
Exh. 4 / Facilities list

Exhibit 10
Description: FAIR DISTRIBUTION OF SERVICE 307(B)

PLEASE SEE ATTACHED EXHIBIT.

POPULATION FOR THIS 307B EXHIBIT WAS CALCULATED USING THE 2000 U.S. CENSUS BLOCK LEVEL SF1 POPULATION DATABASE. THE CENTROID METHOD WAS USED WITH 360 RADIALS AND THE AREA WAS CALCULATED USING NUMERIC INTEGRATION FROM THESE RADIALS.

Attachment 10

Description
Exhibit #10, Fair Distribution of Service

Exhibit 11
Description: 2ND SERVICE

PLEASE SEE EXHIBIT #10.

Attachment 11

Exhibit 12
Description: EXHIBIT 12 / TRANSLATOR STATIONS

APPLICANT CURRENTLY OPERATES TRANSLATOR K245AK IN REDWOOD FALLS, REBROADCASTING KNSW (WORTHINGTON-MARSHALL). THERE WOULD BE A SMALL AMOUNT OF OVERLAP WITH THE COVERAGE AREAS OF APPLICANT'S TWO TRANSLATORS IN OLIVIA, K280ET AND K276EW, CURRENTLY REBROADCASTING STATIONS KSJR AND KNSR (BOTH IN COLLEGEVILLE) RESPECTIVELY.

Attachment 12

Exhibit 13
Description: EXHIBIT 13 / REQUEST FOR MSR WAIVER

SEE ATTACHED REQUEST

Attachment 13

Description
Exh. 13 / MSR waiver request

Exhibit 14
Description: COMMUNITY COVERAGE

PLEASE SEE THE ATTACHED EXHIBIT

Attachment 14

Description
exhibit #14 Community Service

Exhibit 16
Description: CONTOUR OVERLAP REQUIREMENTS

PLEASE SEE THE ATTACHED EXHIBIT

Attachment 16

Description
Exhibit #16, Contour Overlap Requirements

Exhibit 19
Description: TELEVISION CHANNEL 6 PROTECTION

PLEASE SEE THE ATTACHED EXHIBIT

STUDY POWER = 2.1525 KW
2.1 KW H + 2.1 KW V/40

Attachment 19

Description
Exhibit 19, Television Channel 6 Protection

Exhibit 22
Description: ENVIRONMENTAL PROTECTION ACT

PLEASE SEE THE ATTACHED EXHIBIT

Attachment 22

Description
Exhibit #22, Environmental Protection Act

PARTIES TO THE APPLICATION

The items below correspond to the columns in the following tables:

(a) Name and Address
(b) Citizenship
(c) Positional Interest
(d) Director or Member of Governing Board
(e) Percentage of Votes
(f) Percentage of Assets (equity plus debt)

MINNESOTA PUBLIC RADIO (MPR)
AMERICAN PUBLIC MEDIA GROUP (APMG)

(a)	(b)	(c)	(d)	(e)	(f)
Bradbury H Anderson Best Buy Corporate Campus 7601 Penn Avenue South Richfield, MN 55423	US	Trustee (MPR)	Yes	0	0
Andy Bessette The Travelers Companies, Inc. Mail code NB17A 385 Washington Street St. Paul, MN 55102	US	Trustee (MPR)	Yes	0	0
Susan Boren SpencerStuart Suite 2750 225 South Sixth Street Minneapolis, MN 55402	US	Trustee (MPR)	Yes	0	0
George Buckley 3M 3M Center 220-14W-05 St. Paul, MN 55144-1000	UK	Trustee (MPR)	Yes	0	0
Patrick J Denzer John B Collins Associates, Inc. 8500 Normandale Lake Blvd Suite 2400 Bloomington, MN 55437	US	Trustee (MPR)	Yes	0	0

(a)	(b)	(c)	(d)	(e)	(f)
Janet M Dolan Act III Enterprises William Moore Law Firm 7260 University Avenue NE Suite 160 Fridley, MN 55432	US	Trustee (MPR)	Yes	0	0
Ian R Friendly General Mills, Inc. #1 General Mills Blvd Minneapolis, MN 55426	US	Trustee (MPR)	Yes	0	0
Steve Fritze Ecolab, Inc 370 Wabasha Street North St. Paul, MN 55102	US	Trustee (MPR and APMG)	Yes	0	0
Sara H Gavin Weber Shandwick Minneapolis 8000 Norman Center Drive Suite 400 Minneapolis, MN 55437	US	Trustee (MPR and APMG)	Yes	0	0
Randall J Hogan Pentair, Inc 5500 Wayzata Blvd; Suite 800 Golden Valley, MN 55416	US	Trustee (MPR and APMG)	Yes	0	0
Kim R Jenson UBS Financial Services Inc. 800 Nicollet Mall Suite 700 Minneapolis, MN 55402	US	Trustee (MPR)	Yes	0	0
Anita H Kunin 2843 Burnham Blvd Minneapolis, MN 55416-4331	US	Trustee (MPR)	Yes	0	0
Karin L Larson Capital International Research, Inc. 11100 Santa Monica Blvd; 15th Floor Los Angeles, CA 90025	US	Trustee (MPR)	Yes	0	0
Thomas R McBurney McBurney Management Advisors 80 South Eighth Street 4900 IDS Center Minneapolis, MN 55402	US	Trustee (MPR)	Yes	0	0

(a)	(b)	(c)	(d)	(e)	(f)
William R McLaughlin Select Comfort 6105 Trenton Lane North Plymouth, MN 55442	US	Trustee (MPR and APMG)	Yes	0	0
Pamela J Moret Thrivent Financial for Lutherans Mail Stop MS1630 625 4th Avenue South Minneapolis, MN 55415	US	Treasurer, Trustee (MPR and APMG)	Yes	0	0
Glen D Nelson, MD GDN Holdings 301 Carlson Parkway, Suite 315 Minnetonka, MN 55305	US	Chair, Trustee (MPR and APMG)	Yes	0	0
Michael O'Keefe Minneapolis College of Art & Design 2501 Stevens Avenue Minneapolis, MN 55404	US	Trustee (MPR)	Yes	0	0
David John Olderman 25286 Bob White Lane Blackduck, MN 56630	US	Trustee (MPR)	Yes	0	0
James J Phelps Northcrest Corporation 2635 University Avenue West Suite 190 Saint Paul, MN 55114	US	Trustee (MPR)	Yes	0	0
Addison (Tad) Piper Piper Jaffray Companies Inc 800 Nicollet Mall; J09502 Minneapolis, MN 55402	US	Trustee (MPR and APMG)	Yes	0	0
Paul Reyelts The Valspar Corporation 1101 Third Street South Minneapolis, MN 55415	US	Trustee (MPR)	Yes	0	0
Steven M Rothschild Twin Cities RISE! 4525 East Lake Harriett Parkway Minneapolis, MN 55409	US	Trustee (MPR)	Yes	0	0

(a)	(b)	(c)	(d)	(e)	(f)
David R Strand Cleveland Clinic Foundation 9500 Euclid Avenue Mail Code H 18 Cleveland, OH 44195	US	Vice-Chair, Trustee (MPR and APMG)	Yes	0	0
Austin P Sullivan Jr 700 Twelve Oaks Center Drive Suite 252 Wayzata, MN 55391	US	Trustee (MPR and APMG)	Yes	0	0
Dr Richard L Torgerson Luther College 700 College Drive Decorah, IA 52101-1045	US	Trustee (MPR)	Yes	0	0
William Pearce Box 2187 Loop Station Minneapolis, MN 55402	US	Life Trustee (MPR)	Yes	0	0
Robert J Sivertsen 29 Summit Court St. Paul, MN 55102	US	Life Trustee (MPR)	Yes	0	0
Joanne Von Blon 700 Second Street South # 8-1 Minneapolis, MN 55401	US	Life Trustee (MPR)	Yes	0	0
William H Kling Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	President of the Board of Trustees, President (MPR and APMG)	No	0	0
Thomas J Kigin Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR and APMG)	No	0	0
Jon R McTaggart Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR and APMG)	No	0	0

(a)	(b)	(c)	(d)	(e)	(f)
Mark E Alfuth Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR and APMG)	No	0	0
Jon K Gossett Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR)	No	0	0
Jana V Kanyadan Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR)	No	0	0
Sarah S Lutman Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR)	No	0	0
Mary S Nease Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR and APMG)	No	0	0
Timothy T Roesler Minnesota Public Radio | American Public Media Group 480 Cedar Street Saint Paul, MN 55101	US	Staff Officer (MPR)	No	0	0
JJ Yore American Public Media Los Angeles 261 South Figueroa Street, Suite 200 Los Angeles, CA 90012	US	Staff Officer (MPR)	No	0	0

This document is responsive to Section II, item 7 of FCC Form 340. A responsible person for this document is Mitzi T Gramling (mgramling@mpr.org, 651.290.1259).

Minnesota Public Radio (MPR) holds licenses and/or construction permits for the following radio broadcast stations, all of which are operated on a noncommercial basis:

CALL SIGN	FACILITY ID	COMMUNITY	FREQUENCY
KRSU-FM	42967	Appleton MN	91.3 MHz
KNCM-FM	42981	Appleton MN	88.5 MHz
KNSE-FM	90889	Austin MN	90.1 MHz
KCRB-FM	42970	Bemidji MN	88.5 MHz
KNBJ-FM	42966	Bemidji MN	91.3 MHz
KBPR-FM	42912	Brainerd MN	90.7 MHz
KBPN-FM	92068	Brainerd MN	88.3 MHz
WIRN-FM	78080	Buhl MN	92.5 MHz
WSCN-FM	42975	Cloquet MN	100.5 MHz
KNSR-FM	42938	Collegeville MN	88.9 MHz
KSJR-FM	42955	Collegeville MN	90.1 MHz
KLCD-FM	42943	Decorah IA	89.5 MHz
KLNI-FM	42932	Decorah IA	88.7 MHz
WSCD-FM	42940	Duluth MN	92.9 MHz
KNWF-FM	92141	Fergus Falls MN	91.5 MHz
KCMF -FM	92307	Fergus Falls MN	89.7 MHz
WMLS -FM	92306	Grand Marais MN	88.7 MHz
WLSN-FM	92302	Grand Marais MN	90.7 MHz
WGGL-FM	42913	Houghton MI	91.1 MHz
KXLC-FM	42918	La Crescent MN	91.1 MHz
KSJN-FM	42911	Minneapolis MN	99.5 MHz
KNOW-FM	42949	Minneapolis/St Paul MN	91.1 MHz
KCCD-FM	42951	Moorhead MN	90.3 MHz
KCCM-FM	42926	Moorhead MN	91.1 MHz
KCMP-FM	62162	Northfield MN	89.3 MHz

CALL SIGN	FACILITY ID	COMMUNITY	FREQUENCY
KMSE-FM	83876	Rochester MN	88.7 MHz
KLSE-FM	42965	Rochester MN	91.7 MHz
KZSE-FM	42929	Rochester MN	90.7 MHz
KRXW-FM	166032	Roseau MN	103.5 MHz
KRSD-FM	42909	Sioux Falls SD	88.1 MHz
KGAC-FM	42910	St Peter MN	90.5 MHz
KNGA-FM	42944	St Peter MN	91.5 MHz
KWRV-FM	42917	Sun Valley ID	91.9 MHz
KNTN-FM	42922	Thief River Falls MN	102.7 MHz
KQMN-FM	42974	Thief River Falls MN	91.5 MHz
WIRR-FM	42957	Virginia/Hibbing MN	90.9 MHz
KNSW-FM	42947	Worthington/Marshall MN	91.7 MHz
KRSW-FM	42958	Worthington MN	89.3 MHz

MPR holds licenses or construction permits for the following noncommercial educational FM translators:

CALL SIGN	FACILITY ID	COMMUNITY	
K280EB	42950	Albert Lea MN	103.9 MHz
K215BL	42971	Alexandria MN	90.9 MHz
K277AD	42979	Austin MN	103.3 MHz
K222BA	141797	Blue Earth MN	92.3 MHz
K270AQ	141824	Blue Earth MN	101.9 MHz
K208CR	86095	Ely MN	89.5 MHz
W269AC	42968	Ely MN	101.7 MHz
K281AB	42969	Grand Rapids MN	104.1 MHz
K297AD	42964	Grand Rapids MN	107.3 MHz
W226AY	141839	Hinckley MN	93.1 MHz
W248AS	141828	Hinckley MN	97.5 MHz
K283AN	141856	Hinckley MN	104.5 MHz

CALL SIGN	FACILITY ID	COMMUNITY	
W293AV	141860	Hinckley MN	106.5 MHz
W224AO	42928	Houghton MI	92.7 MHz
K201CN	42936	International Falls MN	88.1 MHz
K249BK	42973	International Falls MN	97.7 MHz
K201BW	42952	La Crescent MN	88.1 MHz
K276EW	149175	Olivia MN	103.1 MHz
K280ET	152436	Olivia MN	103.9 MHz
K289AE	42948	Owatonna MN	105.7 MHz
K280EC	42961	Owatonna MN	103.9 MHz
K245AK	152818	Redwood Falls MN	96.9 MHz
W215AI	42942	Roseau MN	90.9 MHz
K264AR	141704	Roseau MN	100.7 MHz
K270AB	42978	Winona MN	101.9 MHz
W297AW	42907	Winona MN	107.3 MHz

MPR has the following pending applications for construction permits to build new FM noncommercial radio broadcast stations:

FCC FILE NO.	COMMUNITY	FACILITY ID	FREQUENCY
BNPED 20000119ACU	International Falls, MN	122662	88.3 MHz
BNPED20000119ABW	International Falls, MN	122570	89.7 MHz

MPR has the following pending application for a construction permit to build a new noncommercial translator station:

BNPFT20000316AAE	Minneapolis, MN	122965	91.9 MHz

MPR holds the following Educational Broadband Service (EBS) licenses or construction permits:

CALL SIGN	COMMUNITY	CHANNEL GROUP
WHR-751	Duluth MN	G1,G2,G3,G4

CALL SIGN	COMMUNITY	CHANNEL GROUP
WHR-765	Fargo ND	C1,C2,C3,C4
WHR-750	St. Cloud MN	B1, B2, B3, B4
WHR-754	Mankato MN	A1,A2,A3,A4
WLX-299	Minneapolis MN	A1,A2,A3,A4
WHR-753	Rochester MN	B1,B2,B3,B4
WHR-752	Sioux Falls SD	B1,B2,B3,B4
WHR-497	St Paul MN	B1,B2,B3,B4

MPR is a wholly owned subsidiary of American Public Media Group (APMG). The Board of Trustees of APMG has certain approval rights with respect to organizational documents of MPR, appointment of certain members of MPR's Board of Trustees, and the sale of all or substantially all of MPR's assets. MPR is a licensee of the Commission. Ownership Reports for MPR and APMG were filed with the Commission most recently on April 30, 2007.

All Trustees and Officers of MPR are US citizens, with the exception of George W Buckley, who is a UK citizen. Trustee/officer William H Kling and officer Thomas J Kigin are on the Board of Directors of Comcast of Saint Paul. Trustee Anita Kunin's four sons and husband collectively own 85% of seven TV stations (KVRR, Fargo, ND; KJRR, Jamestown, ND; KBRR, Thief River Falls, MN; KNRR, Pembina, ND; KDLT, Sioux Falls, SD; KDLV, Mitchell, SD; and KQDS, Duluth, MN) and eighteen radio stations (KQDS-AM, KQDS-FM, KZIO, and WWAX, Duluth, MN; WLMX-FM, Balsam Lake, WI; WXCX, Siren, WI; KGHS and KSDM, International Falls, MN; KKIN-AM and KKIN-FM, Aitkin, MN; KFGI, Crosby, MN; WHSM-AM and WHSM-FM, Hayward, WI; KAOD, Babbitt, MN; KBAJ, Deer River, MN; WXXZ, Grand Marais, MN; WCMP-AM and WCMP-FM, Pine City, MN). Trustee William McLaughlin serves on the Board of Trustees of Carleton College, which is the licensee of KRLX-FM in Northfield, MN.

All Trustees and Officers of APMG are US citizens. Trustee/officer William H Kling and officer Thomas J Kigin are on the Board of Directors of Comcast of Saint Paul.

The Board of Trustees of American Public Media Group (APMG) has certain approval rights with respect to organizational documents of Minnesota Public Radio (MPR), appointment of certain members of MPR's Board of Trustees, and the sale of all or substantially all of MPR's assets.

Fair Distribution of Service Under 307(b) - 60 dBu Contours

RF201

Latitude: 44-32-35.20 N
Longitude: 095-07-57 W
ERP: 2.10 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 392.4 m
HAAT: 80.9 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

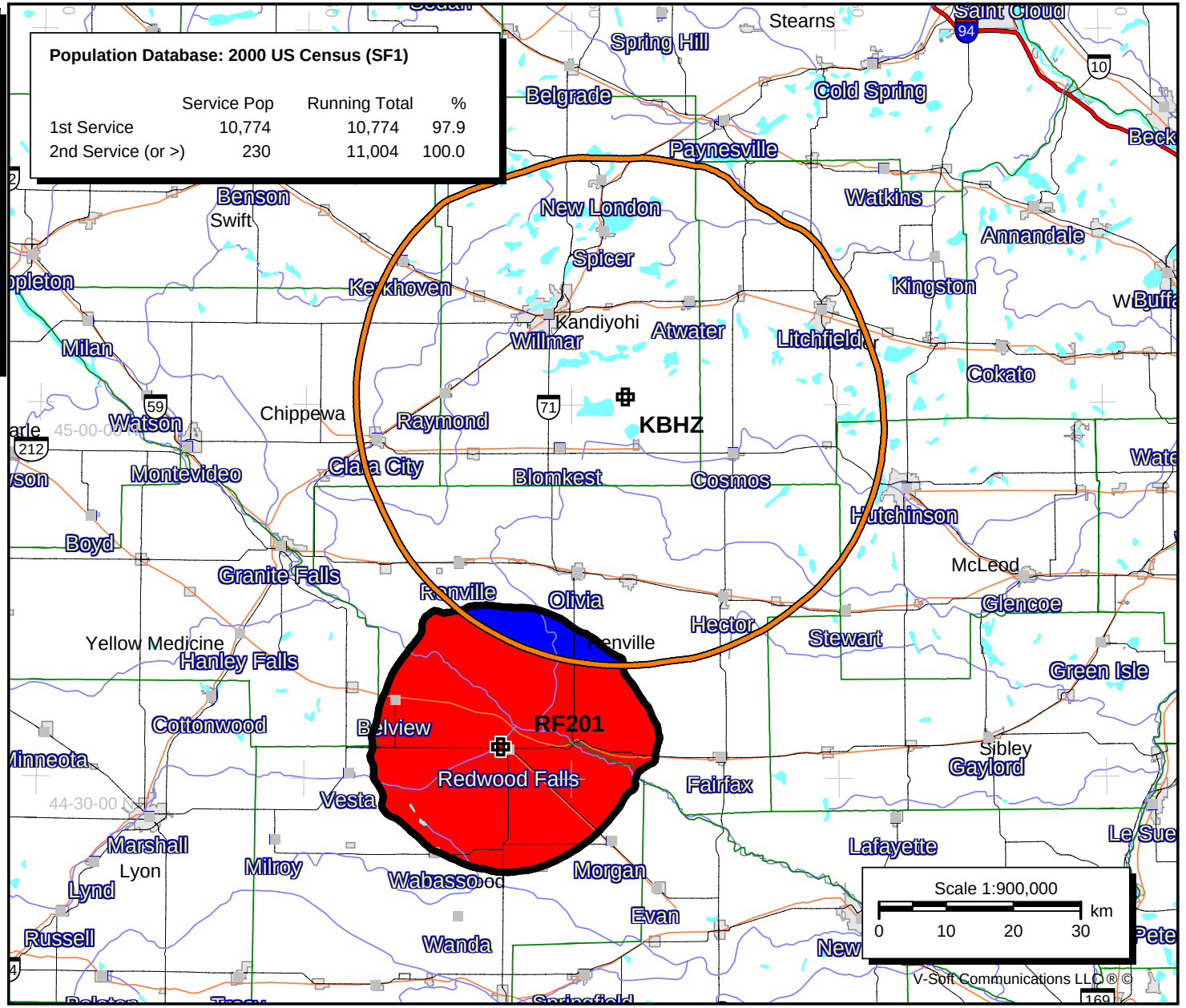
US Land Area = 1,267.4 sq km

First Service
Second Service

RF201
KBHZ

10/5/2007

Doug Vernier
721 West 1st Street, Suite A
Cedar Falls, Iowa 50613
(319) 266-8402
Telecommunications Consultants



REQUEST FOR MAIN STUDIO RULE WAIVER

Minnesota Public Radio ("MPR") proposes to operate this facility as new noncommercial educational station to serve Redwood Falls and the surrounding area. MPR proposes that the station be operated as a satellite station of either KSJN (FM), KNOW (FM) or KCMP (FM). MPR is the licensee of all three stations. The main studios for KSJN, KNOW and KCMP are all located at 480 Cedar Street, Saint Paul, Minnesota 55101.

MPR is a nonprofit corporation formed for the purpose of providing noncommercial educational radio service to listeners in Minnesota and surrounding states. MPR's current 37 FM and 26 FM translator operating facilities provide 24-hour-a-day quality programming accessible to 98% of Minnesota's citizens, as well as to substantial numbers of listeners in North and South Dakota, Iowa, Wisconsin, Michigan, Idaho and southern Ontario, Canada. MPR provides programming to its network of stations from its primary Minneapolis/Saint Paul stations—KSJN, Minneapolis, KNOW, Minneapolis/Saint Paul and KCMP, Northfield—and from many of its network stations throughout the region. KNOW is an all-news/information station. KSJN is a classical music station and KCMP is a contemporary music/news station. The proposed new station will be operated by MPR as either a "classical music" station in that it may primarily broadcast KSJN, a "news" station in that it may primarily broadcast KNOW, or a "contemporary music/news" station in that it may primarily broadcast KCMP.

MPR currently operates one translator station in Redwood Falls: K245AK, (rebroadcasting KNOW). It also operates translators K280ET (rebroadcasting KSJN) and K276EW (rebroadcasting KNOW) in nearby Olivia.

There are currently 32 active members in Redwood Falls who make financial contributions to MPR.

MPR therefore requests a waiver of Section 73.1125 of the Commission's Rules to permit MPR to operate this proposed new station as a satellite station without a main studio in the community of license. As demonstrated below, grant of the instant waiver request would be in the public interest.

The Commission has issued decisions stating that the "main studio must, at a minimum, maintain full-time managerial and full-time staff personnel." Jones Eastern of the Outer Banks, Inc., FCC 91-175, released June 19, 1991, at ¶ 9; see also Salem Broadcasting, Inc., DA 91-804, released July 2, 1991.

Grant of this requested waiver is necessary to permit MPR to operate this proposed new station as a satellite station because the local community cannot otherwise support it as a wholly independent noncommercial educational station. The population of Redwood Falls is only about 5500 (2000 Census). Because of this area's limited economic base, it is highly unlikely that a

station with separate staff and studio could provide the same high-quality public radio service that MPR proposes. Therefore, waiver of Section 73.1125 is necessary in this case to ensure that the residents of the area receive the diverse and important programming MPR will provide.

The Commission has recognized the advantages accruing to noncommercial broadcasters from consolidated operations:

> In the past, we have recognized the benefits of centralized operations for noncommercial educational stations, given the limited funding available to these stations, and we have granted waivers to state and regional public television and radio networks to operate "satellite" stations that do not necessarily meet the requirements of a main studio.

Main Studio Program Origination Rules, 3 FCC Rcd. 5024, 5027 (1988) (citing Nebraska Educational Television Commission, 4 R.R.2d 771 (1965). Indeed, the Commission has previously determined that waiver of the main studio rule for other stations in the MPR network serves the public interest. See Letter from Linda Blair, Chief, Audio Services Division to Todd M. Stansbury, June 16, 2000 (attached hereto).

Upon grant of this request, MPR will satisfy the public needs and interests of residents of Redwood Falls by the following means:

- MPR maintains a toll-free telephone line and an email address by which the residents of the Redwood Falls area can reach MPR management to express concerns about the station operations. The toll-free telephone number goes directly to MPR's Member Benefits Department, as do e-mails the public sends to MPR. MPR currently has two live phone lines and three full-time employees who answer the phones and e-mails. In the past year, Member Benefits has handled about 30,000 incoming calls and 35,000 e-mail messages on every subject you can think of related to MPR, including many comments and questions about programming on all three of its services. While the number of phone lines and employees may change with time, MPR's commitment to maintain easy access is strong.

- MPR currently has one person in Saint Paul who is responsible for the final decisions on all programming on MPR stations. MPR has a news director, a classical music director and a director for contemporary music/news who all report to this person. Listener comments from Member Benefits also go to this person, who then distributes comments concerning the various services to their respective directors. Summaries of comments about all three services are widely distributed throughout the company and to the Board of Trustees. The current organizational structure may change with time, but the commitment to maintain control of programming and circulate listener opinions will not change.

- MPR has established a site on the World Wide Web (www.mpr.org) that enables local

residents to receive extensive information regarding MPR's programming and provides a link for local residents to e-mail concerns about the station operations to MPR management. The site contains descriptions of special reports, schedules for all MPR programming, and online audio sources (live, and in some cases archived) for MPR programming. MPR has established homepages on the MPR Web site for its network stations. Also, the public inspection file for each MPR station is available on the MPR Web site. When the proposed station is constructed, MPR will add its information to the Web site.

- MPR operates the largest news organization of any radio service in the Midwest. With this extensive news resource, MPR is able to produce news, arts and cultural programming from throughout MPR's service area and distribute it to all stations in the network. MPR's staff located in nearby Collegeville and the staff in Saint Paul already subscribe to the local and area publications and maintain ongoing relationships with community residents and leaders, who are periodically contacted regarding local events and developments, including local arts and cultural events. MPR's staff uses information provided by these contacts to keep the communities it serves informed about local and regional arts and cultural events, and to keep classical music hosts informed about these events for broadcast by MPR, either regionally or throughout the MPR multistate network. In addition, MPR broadcasts news reports on its classical music service and on its contemporary music service.

- MPR has a reporter who subscribes to local and area publications and will maintain ongoing relationships with community residents and leaders, who would be contacted on a regular basis. The reporter will use information provided by these publications and contacts to investigate events and to file news stories of interest in Redwood Falls for broadcast by MPR, either regionally or throughout the MPR multi-station network.

- MPR promotes interaction between its management and local community leaders through several advisory boards, including an Institutional Sponsor Council ("ISC"). The ISC is a unique partnership between MPR's stations and colleges and universities throughout their listening areas. This venue enhances MPR's community representation and provides another forum for persons affiliated with the ISC members to discuss public affairs, programming, development, marketing and technology with MPR.

- Another way that MPR promotes interaction between its management and local community leaders is through six advisory boards and, as required by the Corporation for Public Broadcasting ("CPB"). Called Regional Development Advisory Councils ("RDACs"), these groups are managed by MPR station managers currently located in Rochester (southeastern Minnesota), Duluth (northeastern Minnesota), Bemidji (north central Minnesota) and the Twin Cities of Minneapolis and Saint Paul. The RDACs provide input to management on programming, which MPR thoughtfully considers when making program decisions for its stations, including Redwood Falls. It is MPR policy that residents of each of its service areas, including the Redwood Falls area, participate on an RDAC. RDACs currently meet twice a year and summaries of those meetings are supplied to MPR's Board of Trustees. In

the past year, most of MPR's vice presidents and management have attended an RDAC meeting. Members of the RDACs serve for a term of office. MPR's RDACs are in full compliance with CPB requirements for this type of advisory council.

The Commission has relied substantially on similar representations by MPR in finding that waivers of the main studio rule for other stations serve the public interest. Thus, the Commission has held that where MPR has pledged to (1) continue its policy for local residents to serve on an RDAC; (2) continue the relationship with the local community through membership; (3) solicit comments from residents regarding station operation and programming; (4) assign a reporter (who would be based in another community within the same region) who will produce and broadcast local inserts of interest to Redwood Falls residents, and will subscribe to local publications and maintain periodic contact with local residents and leaders, who will periodically contact and update the reporter concerning matters of local interest; (5) maintain a local toll-free telephone number for residents of Redwood Falls to contact MPR management in accordance with 47 C.F.R. § 73.1125(c); and (6) operate a site on the World Wide Web that enables local residents to receive extensive information and comment on MPR's programming, a waiver is warranted. See attached Letter dated June 16, 2000 from Linda Blair, Chief, Audio Services Division, Mass Media Bureau, to Todd M Stansbury, waiving the main studio rule for a new FM station at Grand Marais, MN, FCC file no. BPED-19981208MI. MPR is making the same pledges with respect to the Redwood Falls station.

For the foregoing reasons, MPR submits that it will be able to ascertain and satisfy the interests and needs of residents of the Redwood Falls area and, therefore, respectfully requests that the Commission grant this waiver of the main studio rule for this station.

Prepared by Mitzi T Gramling, Associate General Counsel
October 2007

WMLS

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D. C. 20554

JUN 16 2000

IN REPLY REFER TO:
1800B3-ALM

Todd M. Stansbury, Esquire
Wiley, Rein & Fielding
1776 K Street, N.W.
Washington, D. C. 20006

In Re: NEW (Ed. FM), Grand Marais, MN
Minnesota Public Radio
Facility ID No. 92306
File No. BPED-19981208MI

Dear Mr. Stansbury:

The staff has under consideration the application of Minnesota Public Radio ("MPR) for a new noncommercial educational FM station in Grand Marais, Minnesota. The application requests a waiver of the Commission's main studio requirement, *see* 47 C.F.R. § 73.1125, in order to operate the proposed Grand Marais station as a satellite of its commonly owned NCE station KSJN(FM), Minneapolis, Minnesota.[1] For the reasons set forth below, we shall grant MPR's application and its request for waiver.

Section 73.1125(a) requires each broadcast station to maintain a main studio within the station's principal community contour to ensure that the station will serve the needs and interests of the residents of its community of license. *Amendment of Sections 73.1125 and 73.1130*, 3 FCC Rcd 5024, 5027 (1988). However, under Section 73.1125(a)(4), the Commission will waive this requirement where "good cause" exists to do so and where the proposed studio location "would be consistent with the operation of the station in the public interest." Each waiver request by an NCE station seeking to operate as the satellite of another NCE station is considered on a case-by-case basis. The Commission has recognized the benefits of centralized operations for NCE stations, given their limited funding, and thus found "good cause" exists to waive the main studio location requirement where satellite operations are proposed. *Id.* A satellite station must, however, demonstrate that it will meet its local service obligation to satisfy the Section 73.1125 "public interest" standard. *Id.*

MPR's request is based on the economies of scale that would be realized by grant of its waiver. We agree and conclude that there is "good cause" to waive 47 C.F.R.

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[1] A "satellite" station meets all of the Commission's technical rules, however, it originates no programming and instead rebroadcasts the parent station's programming. *See* Amendment of Multiple Ownership Rules, *Memorandum Opinion and Order*, 3 RR2d 1554, 1562 (1964).

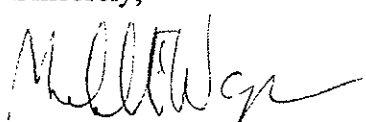
§ 73.1125(a)(4) in these circumstances.

MPR proposes to operate the proposed Grand Marais, Minnesota station, as a satellite of KSJN(FM), Minneapolis, Minnesota, approximately 220 miles from Grand Marais. Where there is a great distance between parent and satellite stations, as here, we are particularly concerned that the licensee take adequate measures to maintain its awareness of the satellite community's needs and interests. To that end, MPR has pledged to: (1) continue its policy that residents of each service area participate on a regional advisory council which provides input to management on programming issues of interest to the residents throughout MPR's service area, including Grand Marais; (2) continue its existing relationship with the community of Grand Marais which has been established by means of membership in MPR; (3) solicit comments from MPR members in Grand Marais concerning programming and station operation; (4) assign to Grand Marais a local news reporter currently based in Duluth, Minnesota who will produce and broadcast local inserts of interest to Grand Maraias and who will subscribe to local and area publications and maintain ongoing relationships with community residents and leaders, who will periodically contact and update the reporter concerning matters of local interest; (5) maintain a toll-free telephone number for residents of Grand Marais to contact MPR management in accordance with 47 C.F.R. § 73.1125(c); and (6) operate a site on the World Wide Web, which enables local residents to receive extensive information and comment on MPR's programming.

In these circumstances, we are persuaded that MPR will meet its local service obligations and thus, that grant of the requested waiver is consistent with the public interest. We remind MPR, however, of the requirement that it maintain a public file for the Grand Marais station at the main studio of the "parent" station KSJN(FM). *See Review of the Commission's Rules Regarding the Main Studio and Local Public Inspection Files of Broadcast Television and Radio Stations*, 64 Fed. Reg. 35941 (July 2, 1999). We further remind MPR that notwithstanding the grant of the waiver requested here, the public file for the Grand Marais station must contain the quarterly issues and programs list required by 47 C.F.R. § 73.3527(e)(8).

Accordingly, the application of Minnesota Public Radio for a new noncommercial, educational FM station at Grand Marais, Minnesota (BPED-19981208MI), being in all respects acceptable, and its request for waiver of 47 C.F.R. § 73.1125 ARE HEREBY GRANTED.

Sincerely,

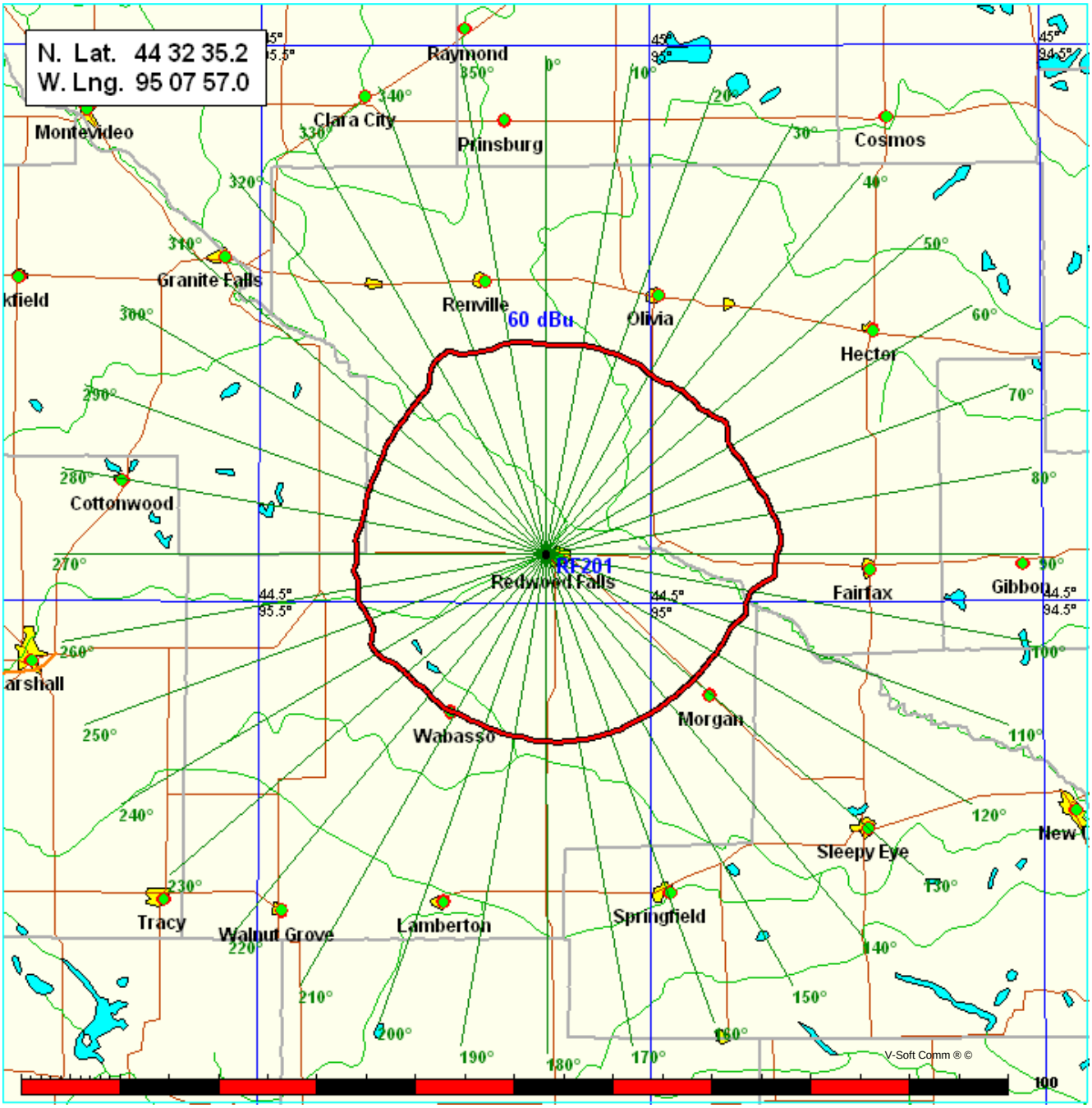


Linda Blair, Chief
Audio Services Division
Mass Media Bureau

Minnesota Public Radio
Redwood Falls 201 Community Coverage

Coverage Study
10-04-2007

RF201 CH201 A 2.153 kW 392.4M COR
Prot. = 60 dBu. Population = 11,004 Area = 1,267 sq km



N. Lat. = 443235.2 W. Lng. = 950757.0
HAAT and Distance to Contour - FCC Method - USGS 03 SEC
Redwood Falls 201 - Distance to 60 dBu Contour

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	305.3	87.1	2.1000	3.22	1.000	20.82
010	303.7	88.7	2.1000	3.22	1.000	21.01
020	303.3	89.1	2.1000	3.22	1.000	21.06
030	305.5	86.9	2.1000	3.22	1.000	20.79
040	302.1	90.3	2.1000	3.22	1.000	21.21
050	298.4	94.0	2.1000	3.22	1.000	21.64
060	300.2	92.2	2.1000	3.22	1.000	21.43
070	294.7	97.7	2.1000	3.22	1.000	22.06
080	284.4	108.0	2.1000	3.22	1.000	23.16
090	283.3	109.1	2.1000	3.22	1.000	23.27
100	304.5	87.9	2.1000	3.22	1.000	20.92
110	310.6	81.8	2.1000	3.22	1.000	20.16
120	314.9	77.5	2.1000	3.22	1.000	19.62
130	317.4	75.0	2.1000	3.22	1.000	19.29
140	319.7	72.7	2.1000	3.22	1.000	18.99
150	320.9	71.5	2.1000	3.22	1.000	18.84
160	321.0	71.4	2.1000	3.22	1.000	18.82
170	321.8	70.6	2.1000	3.22	1.000	18.72
180	322.4	70.0	2.1000	3.22	1.000	18.64
190	324.5	67.9	2.1000	3.22	1.000	18.35
200	325.9	66.5	2.1000	3.22	1.000	18.17
210	325.9	66.5	2.1000	3.22	1.000	18.17
220	325.6	66.8	2.1000	3.22	1.000	18.21
230	324.3	68.1	2.1000	3.22	1.000	18.38
240	314.5	77.9	2.1000	3.22	1.000	19.66
250	320.5	71.9	2.1000	3.22	1.000	18.88
260	318.5	73.9	2.1000	3.22	1.000	19.15
270	319.6	72.8	2.1000	3.22	1.000	19.00
280	320.9	71.5	2.1000	3.22	1.000	18.83
290	319.7	72.7	2.1000	3.22	1.000	18.99
300	318.2	74.2	2.1000	3.22	1.000	19.18
310	315.3	77.1	2.1000	3.22	1.000	19.57
320	311.6	80.8	2.1000	3.22	1.000	20.03
330	292.2	100.2	2.1000	3.22	1.000	22.34
340	301.1	91.3	2.1000	3.22	1.000	21.33
350	301.2	91.2	2.1000	3.22	1.000	21.31

Ave El= 311.49 M HAAT= 80.91 M AMSL= 392.4

Minnesota Public Radio
Redwood Falls 201

REFERENCE CH# 201A - 88.1 MHz, Pwr= 2.1 kW, HAAT= 80.9 M, COR= 392.4 M DISPLAY DATES
44 32 35.2 N. Average Protected F(50-50)= 20.05 km DATA 10-04-07
95 07 57.0 W. SEARCH 10-04-07

CH CALL / CITY	TYPE ANT / STATE	AZI <--	DIST / FILE #	LAT / LNG	PWR(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*IN* (Overlap in km)	*OUT*
201C2 KVSC St. Cloud	LIC _VN MN	32.9 213.5	129.43 BLED19921103KB	45 31 00.0 94 13 52.0	16.500 136	107.3 463	38.4 St. Cloud State University	1.38	23.26
201A KRLP Windom	CP _CX MN	179.6 359.6	76.55 BMPED20060404ABQ	43 51 15.0 95 07 30.0	0.250 52	30.3 486	9.2 Educational Media Foundati	27.57	3.47
202A 980602MC New Ulm	CP _CN MN	118.7 299.1	63.01 BPED19980602MC	44 16 11.0 94 26 22.0	0.400 54	16.0 351	11.1 Minn-iowa Christian Broadc	27.37	22.98
201A KBOJ Worthington	LIC _CX MN	200.7 20.4	112.18 BLED20020711AAA	43 35 53.0 95 37 30.0	0.250 44	32.6 532	9.8 American Family Associatio	61.41	39.43
06-2C KAAL Austin	LI _HN MN	122.1 303.4	188.31 BLCT2236	43 37 42.0 93 09 12.0	100.000 320	104.3 696	146.2R Kaal-tv, Llc	42.1M	
203C2 KNCM Appleton	LIC _CN MN	315.7 135.1	97.59 BLED19970131KC	45 10 03.0 96 00 02.0	34.000 172	5.8 479	51.6 Minnesota Public Radio	72.02	44.10
204A Mankato20 Mankato	LIC _ MN	113.5 294.2	88.39	44 13 20.1 94 07 03.2	3.600 100	2.3 389	23.5	66.23	62.96
202C1 KESD Brookings	LIC _CN SD	262.9 81.4	168.41 BLED19870108KA	44 20 10.0 97 13 41.0	50.000 190	82.4 725	55.7 South Dakota Board Of Dire	66.79	84.55
254C0 KISD Pipestone	LIC _CN MN	222.4 41.9	96.85 BLH19970506KE	43 53 52.0 95 56 50.0	100.000 309	0.0 828	0.0 Wallace Christensen	24.5R	72.4M
201A KRLX Northfield	LIC _CN MN	92.6 274.0	157.47 BLED19851024KG	44 27 39.0 93 09 21.0	0.100 5	18.6 309	5.6 Carleton College	115.87	80.04
201A AP2509 Rosemount	APP DVX MN	83.6 265.0	164.31 BNPED20000131AAX	44 41 21.0 93 04 21.0	0.095 85	22.4 367	6.7 Pensacola Christian Colleg	118.41	84.94
201A KRSD Sioux Falls	LIC _CN SD	229.2 48.1	171.23 BLED19970130KA	43 31 37.0 96 44 18.0	2.000 56	62.6 497	18.1 Minnesota Public Radio	90.32	89.76
255C2 KZPK Paynesville	LIC _CN MN	22.9 203.4	123.89 BLH19951201KA	45 34 03.0 94 30 43.0	47.000 152	0.0 510	0.0 Leighton Enterprises, Inc.	14.5R	109.4M
201A AP2227 Byron	APP _V_ MN	102.9 284.6	200.55 BNPED20000118AES	44 06 59.0 92 41 22.0	0.170 153	46.3 507	13.8 Pensacola Christian Colleg	133.67	119.12
203C1 KDCR Sioux Center	LIC _CN IA	207.3 26.6	180.98 BLED19960125KG	43 05 34.0 96 09 23.0	100.000 151	6.8 576	57.0 Dordt College, Inc.	156.02	122.15
203A KBEM-FM Minneapolis	LIC _CN MN	71.2 252.5	155.51 BLED813	44 58 38.0 93 15 55.0	2.150 113	2.0 371	21.4 Board Of Education, Specia	131.33	132.05
202C3 KBPN Brainerd	LIC _CX MN	13.8 194.3	215.37 BLED20030722ACJ	46 25 21.0 94 27 41.0	5.000 204	57.6 597	38.8 Minnesota Public Radio	136.65	145.35
203C1 KBDC Mason City	LIC _VX IA	130.6 311.9	198.09 BLED20061101ACW	43 22 12.0 93 16 27.0	68.000 141	5.9 514	51.1 American Family Associatio	172.95	145.14

Terrain database is USGS 03 SEC
ERP and HAAT are on direct line to and from reference station.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
Reference station has protected zone issue: AM tower

HOW TO READ THE FM COMPUTER PRINT-OUT

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60 dBu protected contour is predicted from the Commission's F(50-50) table, while the 40, 54, 80 and 100 dBu contours are interference contours derived from the Commission's F(50-10) table. Contour distances are in kilometers and are predicted using spline interpolation from data points identical to those published in Report No. RS 76-01 by Gary C. Kalagian. Critical contour distances are determined using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

The column listed "* IN *" is the sum of the reference station's 60 dBu protected contour and the data file station's interference contour subtracted from the distance between the stations. (All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90.) Therefore, the column is a measure of incoming interference. Negative distances in this column indicate the presence of interference. Listed antenna heights are the average heights of eight standard radials as found in the Commission's records unless otherwise noted, in which case the specific antenna heights and the DA power, if applicable, along the straight line azimuths between the reference station and the database station are used and visa versa. The column labeled "* OUT *" shows the distance in kilometers of overlap or clearance between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing overlap interference.

Under the "AZIMUTH" column, the first row of numbers indicate the bearings from True North of the data base stations in relationship with the reference station, while the numbers in the second row indicate the reverse bearings from the database station to the reference station.

The columns labeled "INT" and "PRO" hold the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

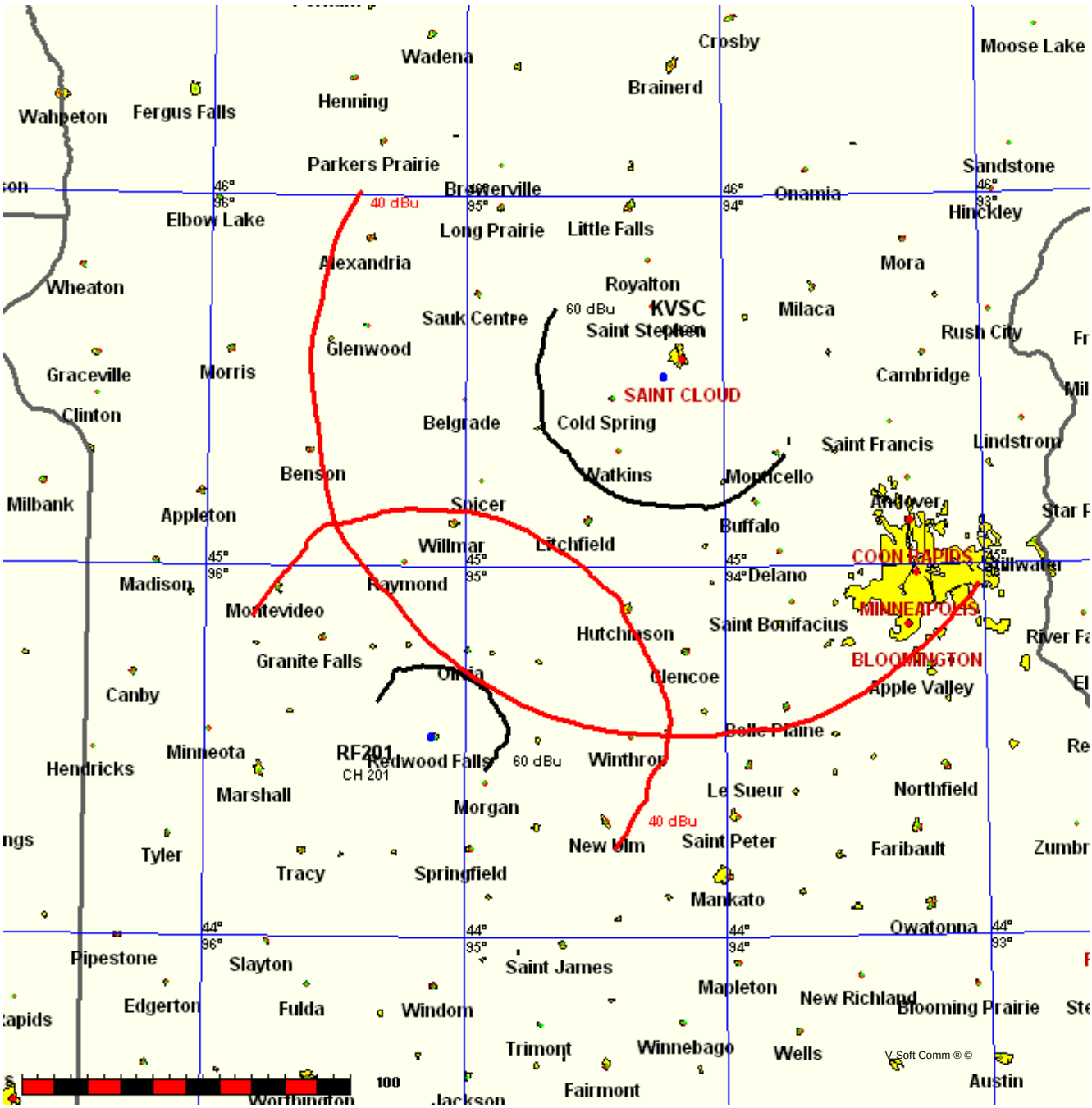
For I.F. relationships the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** separation in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended. Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. “Z” indicates a 73.215 directional. An “N” indicates it is a 73.215 station that operates omni. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a "Y" if the antenna uses beam tilt or an “X” if the commission is not sure, otherwise it will be an “N”.

Minnesota Public Radio
Redwood Falls 201 v KVSC

FMCommander Single Allocation Study
10-04-2007

RF201 CH 201 A	KVSC CH 201 C2 BLED19921103KB
2.1 kW 392.4 M COR	16.5 kW, 463 M COR
Prot. = 60 dBu	Prot. = 60 dBu
Intef. = 40 dBu	Intef. = 40 dBu



10-04-2007 USGS 03 SEC Terrain Data FMOver Analysis

RF201
Channel = 201A
Max ERP = 2.1 kW
RCAMSL = 392.4 M
N. Lat. 44 32 35.2
W. Lng. 95 07 57.0
Protected
60 dBu

KVSC BLED19921103KB
Channel = 201C2
Max ERP = 16.5 kW
RCAMSL = 463 M
N. Lat. 45 31 00.0
W. Lng. 94 13 52.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
333.0	002.1000	0101.7	022.5	222.9	016.5000	0116.9	119.8	37.64
334.0	002.1000	0101.8	022.5	222.8	016.5000	0117.0	119.4	37.70
335.0	002.1000	0099.5	022.3	222.7	016.5000	0117.3	119.2	37.76
336.0	002.1000	0096.0	021.9	222.4	016.5000	0117.4	119.0	37.80
337.0	002.1000	0092.8	021.5	222.2	016.5000	0117.5	118.8	37.83
338.0	002.1000	0093.1	021.5	222.1	016.5000	0117.5	118.4	37.89
339.0	002.1000	0091.7	021.4	221.9	016.5000	0117.6	118.2	37.94
340.0	002.1000	0091.3	021.3	221.8	016.5000	0117.6	117.9	38.00
341.0	002.1000	0091.0	021.3	221.7	016.5000	0117.6	117.5	38.05
342.0	002.1000	0090.4	021.2	221.6	016.5000	0117.6	117.3	38.10
343.0	002.1000	0090.1	021.2	221.5	016.5000	0117.6	117.0	38.16
344.0	002.1000	0089.8	021.1	221.4	016.5000	0117.6	116.7	38.21
345.0	002.1000	0089.8	021.1	221.3	016.5000	0117.6	116.4	38.26
346.0	002.1000	0090.5	021.2	221.2	016.5000	0117.6	116.0	38.32
347.0	002.1000	0091.6	021.4	221.2	016.5000	0117.5	115.6	38.39
348.0	002.1000	0091.6	021.4	221.0	016.5000	0117.5	115.3	38.44
349.0	002.1000	0091.3	021.3	220.9	016.5000	0117.4	115.1	38.49
350.0	002.1000	0091.2	021.3	220.8	016.5000	0117.4	114.8	38.54
351.0	002.1000	0090.7	021.2	220.6	016.5000	0117.4	114.5	38.58
352.0	002.1000	0090.1	021.2	220.5	016.5000	0117.3	114.3	38.62
353.0	002.1000	0090.0	021.2	220.4	016.5000	0117.2	114.0	38.67
354.0	002.1000	0090.2	021.2	220.2	016.5000	0117.1	113.7	38.72
355.0	002.1000	0089.6	021.1	220.1	016.5000	0117.1	113.5	38.76
356.0	002.1000	0089.1	021.1	219.9	016.5000	0117.0	113.3	38.80
357.0	002.1000	0088.4	021.0	219.8	016.5000	0116.9	113.1	38.83
358.0	002.1000	0087.9	020.9	219.6	016.5000	0116.9	112.9	38.86
359.0	002.1000	0087.6	020.9	219.5	016.5000	0116.8	112.7	38.90
000.0	002.1000	0087.1	020.8	219.3	016.5000	0116.7	112.5	38.93
001.0	002.1000	0086.9	020.8	219.1	016.5000	0116.7	112.3	38.97
002.0	002.1000	0086.8	020.8	219.0	016.5000	0116.6	112.1	39.01
003.0	002.1000	0086.8	020.8	218.8	016.5000	0116.5	111.9	39.04
004.0	002.1000	0086.8	020.8	218.7	016.5000	0116.4	111.7	39.08
005.0	002.1000	0086.8	020.8	218.5	016.5000	0116.4	111.5	39.12
006.0	002.1000	0086.9	020.8	218.4	016.5000	0116.5	111.3	39.16
007.0	002.1000	0087.3	020.8	218.2	016.5000	0116.6	111.1	39.21
008.0	002.1000	0087.8	020.9	218.1	016.5000	0116.7	110.8	39.26
009.0	002.1000	0088.3	021.0	217.9	016.5000	0116.9	110.6	39.31

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
010.0	002.1000	0088.7	021.0	217.8	016.5000	0117.0	110.4	39.36
011.0	002.1000	0089.0	021.1	217.6	016.5000	0117.1	110.2	39.40
012.0	002.1000	0089.0	021.1	217.4	016.5000	0117.2	110.0	39.43
013.0	002.1000	0089.4	021.1	217.3	016.5000	0117.3	109.8	39.48
014.0	002.1000	0089.5	021.1	217.1	016.5000	0117.4	109.7	39.51
015.0	002.1000	0089.4	021.1	216.9	016.5000	0117.4	109.5	39.54
016.0	002.1000	0089.3	021.1	216.7	016.5000	0117.5	109.4	39.56
017.0	002.1000	0089.2	021.1	216.5	016.5000	0117.5	109.3	39.58
018.0	002.1000	0089.1	021.1	216.4	016.5000	0117.4	109.2	39.61
019.0	002.1000	0089.2	021.1	216.2	016.5000	0117.4	109.1	39.63
020.0	002.1000	0089.1	021.1	216.0	016.5000	0117.4	109.0	39.65
021.0	002.1000	0088.9	021.0	215.8	016.5000	0117.4	108.9	39.66
022.0	002.1000	0088.8	021.0	215.6	016.5000	0117.4	108.8	39.68
023.0	002.1000	0088.6	021.0	215.4	016.5000	0117.4	108.8	39.69
024.0	002.1000	0088.8	021.0	215.2	016.5000	0117.4	108.7	39.71
025.0	002.1000	0088.9	021.0	215.0	016.5000	0117.4	108.6	39.73
026.0	002.1000	0088.7	021.0	214.8	016.5000	0117.5	108.6	39.73
027.0	002.1000	0088.3	021.0	214.6	016.5000	0117.5	108.6	39.73
028.0	002.1000	0087.7	020.9	214.4	016.5000	0117.5	108.6	39.73
029.0	002.1000	0087.2	020.8	214.2	016.5000	0117.6	108.6	39.73
030.0	002.1000	0086.9	020.8	214.1	016.5000	0117.6	108.6	39.73
031.0	002.1000	0086.6	020.8	213.9	016.5000	0117.7	108.6	39.73
032.0	002.1000	0086.4	020.7	213.7	016.5000	0117.7	108.6	39.73
033.0	002.1000	0086.3	020.7	213.5	016.5000	0117.8	108.7	39.73
034.0	002.1000	0086.5	020.7	213.3	016.5000	0117.9	108.6	39.73
035.0	002.1000	0086.8	020.8	213.1	016.5000	0118.0	108.6	39.74
036.0	002.1000	0087.9	020.9	212.9	016.5000	0118.1	108.5	39.77
037.0	002.1000	0089.3	021.1	212.7	016.5000	0118.2	108.3	39.80
038.0	002.1000	0089.1	021.1	212.5	016.5000	0118.2	108.4	39.79
039.0	002.1000	0089.8	021.1	212.3	016.5000	0118.3	108.4	39.80
040.0	002.1000	0090.3	021.2	212.1	016.5000	0118.4	108.4	39.81
041.0	002.1000	0090.6	021.2	211.9	016.5000	0118.5	108.4	39.81
042.0	002.1000	0090.7	021.3	211.7	016.5000	0118.5	108.4	39.80
043.0	002.1000	0091.1	021.3	211.5	016.5000	0118.5	108.5	39.79
044.0	002.1000	0091.4	021.3	211.3	016.5000	0118.5	108.5	39.78
045.0	002.1000	0091.1	021.3	211.1	016.5000	0118.4	108.6	39.75
046.0	002.1000	0090.8	021.3	210.9	016.5000	0118.4	108.7	39.73
047.0	002.1000	0091.2	021.3	210.8	016.5000	0118.4	108.8	39.71
048.0	002.1000	0091.9	021.4	210.6	016.5000	0118.3	108.8	39.71
049.0	002.1000	0093.0	021.5	210.3	016.5000	0118.3	108.8	39.71
050.0	002.1000	0094.0	021.6	210.1	016.5000	0118.3	108.8	39.70
051.0	002.1000	0095.5	021.8	209.9	016.5000	0118.2	108.8	39.71
052.0	002.1000	0096.3	021.9	209.7	016.5000	0118.3	108.9	39.70
053.0	002.1000	0098.8	022.2	209.5	016.5000	0118.3	108.8	39.72
054.0	002.1000	0100.1	022.3	209.2	016.5000	0118.4	108.8	39.72
055.0	002.1000	0099.0	022.2	209.1	016.5000	0118.4	109.1	39.66
056.0	002.1000	0097.1	022.0	209.0	016.5000	0118.5	109.4	39.59
057.0	002.1000	0095.0	021.8	208.8	016.5000	0118.5	109.8	39.51
058.0	002.1000	0092.9	021.5	208.7	016.5000	0118.5	110.2	39.44
059.0	002.1000	0092.0	021.4	208.6	016.5000	0118.6	110.5	39.38
060.0	002.1000	0092.2	021.4	208.4	016.5000	0118.7	110.7	39.35

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
061.0	002.1000	0092.4	021.5	208.3	016.5000	0118.9	110.9	39.32
062.0	002.1000	0092.8	021.5	208.1	016.5000	0119.0	111.0	39.29
063.0	002.1000	0093.5	021.6	207.9	016.5000	0119.2	111.2	39.27
064.0	002.1000	0094.4	021.7	207.7	016.5000	0119.4	111.3	39.25
065.0	002.1000	0095.0	021.8	207.5	016.5000	0119.6	111.5	39.22
066.0	002.1000	0095.5	021.8	207.4	016.5000	0119.9	111.7	39.20
067.0	002.1000	0095.9	021.9	207.2	016.5000	0120.1	111.9	39.16
068.0	002.1000	0096.2	021.9	207.0	016.5000	0120.2	112.1	39.13
069.0	002.1000	0096.9	022.0	206.9	016.5000	0120.4	112.3	39.09
070.0	002.1000	0097.7	022.1	206.7	016.5000	0120.4	112.5	39.06
071.0	002.1000	0098.6	022.2	206.5	016.5000	0120.5	112.7	39.02
072.0	002.1000	0099.5	022.3	206.3	016.5000	0120.5	112.9	38.98
073.0	002.1000	0100.6	022.4	206.2	016.5000	0120.5	113.1	38.95
074.0	002.1000	0102.5	022.6	205.9	016.5000	0120.6	113.3	38.92
075.0	002.1000	0104.1	022.8	205.7	016.5000	0120.7	113.4	38.89
076.0	002.1000	0104.6	022.8	205.6	016.5000	0120.7	113.7	38.84
077.0	002.1000	0105.2	022.9	205.4	016.5000	0120.8	114.0	38.79
078.0	002.1000	0105.7	022.9	205.3	016.5000	0120.9	114.3	38.74
079.0	002.1000	0106.5	023.0	205.2	016.5000	0120.9	114.5	38.69
080.0	002.1000	0108.0	023.2	205.0	016.5000	0121.0	114.8	38.65
081.0	002.1000	0109.5	023.3	204.8	016.5000	0121.1	115.0	38.61
082.0	002.1000	0111.3	023.5	204.6	016.5000	0121.1	115.3	38.56
083.0	002.1000	0111.7	023.5	204.5	016.5000	0121.2	115.6	38.51
084.0	002.1000	0111.7	023.5	204.4	016.5000	0121.2	116.0	38.44
085.0	002.1000	0111.9	023.5	204.3	016.5000	0121.2	116.3	38.38
086.0	002.1000	0113.2	023.7	204.1	016.5000	0121.3	116.6	38.33
087.0	002.1000	0113.1	023.7	204.0	016.5000	0121.3	117.0	38.26
088.0	002.1000	0111.9	023.5	204.0	016.5000	0121.3	117.4	38.19
089.0	002.1000	0109.9	023.3	204.0	016.5000	0121.3	117.9	38.11
090.0	002.1000	0109.1	023.3	204.0	016.5000	0121.4	118.3	38.04
091.0	002.1000	0108.4	023.2	203.9	016.5000	0121.4	118.7	37.97
092.0	002.1000	0107.1	023.1	203.9	016.5000	0121.4	119.1	37.89
093.0	002.1000	0106.6	023.0	203.9	016.5000	0121.4	119.5	37.82

10-04-2007 USGS 03 SEC Terrain Data

KVSC BLED19921103KB
Channel = 201C2
Max ERP = 16.5 kW
RCAMSL = 463 M
N. Lat. 45 31 00.0
W. Lng. 94 13 52.0
Protected
60 dBu

RF201
Channel = 201A
Max ERP = 2.1 kW
RCAMSL = 392.4 M
N. Lat. 44 32 35.2
W. Lng. 95 07 57.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
154.0	016.5000	0150.7	042.5	051.6	002.1000	0095.8	114.0	29.05
155.0	016.5000	0150.4	042.5	051.5	002.1000	0095.8	113.2	29.18
156.0	016.5000	0149.7	042.4	051.4	002.1000	0095.7	112.5	29.31
157.0	016.5000	0149.1	042.3	051.2	002.1000	0095.7	111.8	29.44
158.0	016.5000	0148.2	042.2	051.1	002.1000	0095.6	111.1	29.56
159.0	016.5000	0147.1	042.1	050.9	002.1000	0095.4	110.5	29.68
160.0	016.5000	0146.4	042.0	050.8	002.1000	0095.2	109.8	29.80
161.0	016.5000	0146.2	041.9	050.6	002.1000	0094.9	109.1	29.92
162.0	016.5000	0145.6	041.9	050.4	002.1000	0094.6	108.5	30.04
163.0	016.5000	0142.1	041.4	050.1	002.1000	0094.1	108.0	30.12
164.0	016.5000	0137.0	040.8	049.6	002.1000	0093.6	107.5	30.19
165.0	016.5000	0134.5	040.4	049.3	002.1000	0093.3	107.0	30.28
166.0	016.5000	0133.3	040.3	049.1	002.1000	0093.1	106.5	30.38
167.0	016.5000	0131.3	040.0	048.8	002.1000	0092.8	106.0	30.48
168.0	016.5000	0129.6	039.8	048.5	002.1000	0092.5	105.4	30.57
169.0	016.5000	0128.6	039.7	048.3	002.1000	0092.2	104.9	30.67
170.0	016.5000	0128.5	039.7	048.1	002.1000	0092.0	104.3	30.79
171.0	016.5000	0128.9	039.7	047.9	002.1000	0091.8	103.7	30.91
172.0	016.5000	0128.9	039.7	047.7	002.1000	0091.6	103.1	31.02
173.0	016.5000	0128.1	039.7	047.4	002.1000	0091.4	102.6	31.13
174.0	016.5000	0127.4	039.6	047.2	002.1000	0091.3	102.1	31.23
175.0	016.5000	0126.9	039.5	046.9	002.1000	0091.1	101.6	31.33
176.0	016.5000	0126.0	039.4	046.6	002.1000	0091.0	101.1	31.43
177.0	016.5000	0125.4	039.3	046.3	002.1000	0090.9	100.6	31.54
178.0	016.5000	0124.6	039.2	046.1	002.1000	0090.8	100.2	31.63
179.0	016.5000	0123.7	039.1	045.7	002.1000	0090.8	099.7	31.73
180.0	016.5000	0122.9	039.0	045.4	002.1000	0090.9	099.3	31.83
181.0	016.5000	0122.1	038.9	045.1	002.1000	0091.0	098.9	31.93
182.0	016.5000	0121.5	038.9	044.8	002.1000	0091.2	098.5	32.03
183.0	016.5000	0121.3	038.8	044.5	002.1000	0091.3	098.0	32.13
184.0	016.5000	0121.1	038.8	044.2	002.1000	0091.4	097.6	32.24
185.0	016.5000	0121.2	038.8	043.9	002.1000	0091.4	097.2	32.35
186.0	016.5000	0121.5	038.9	043.6	002.1000	0091.3	096.7	32.45
187.0	016.5000	0121.9	038.9	043.3	002.1000	0091.2	096.3	32.55

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
188.0	016.5000	0122.1	038.9	043.0	002.1000	0091.1	095.8	32.65
189.0	016.5000	0122.3	038.9	042.7	002.1000	0090.9	095.4	32.74
190.0	016.5000	0122.4	039.0	042.3	002.1000	0090.7	095.0	32.82
191.0	016.5000	0122.4	039.0	042.0	002.1000	0090.7	094.7	32.91
192.0	016.5000	0122.5	039.0	041.6	002.1000	0090.6	094.3	33.00
193.0	016.5000	0122.3	038.9	041.3	002.1000	0090.6	094.0	33.08
194.0	016.5000	0121.8	038.9	040.9	002.1000	0090.5	093.7	33.14
195.0	016.5000	0122.0	038.9	040.5	002.1000	0090.5	093.4	33.22
196.0	016.5000	0121.8	038.9	040.2	002.1000	0090.4	093.2	33.28
197.0	016.5000	0121.6	038.9	039.8	002.1000	0090.2	092.9	33.34
198.0	016.5000	0121.9	038.9	039.4	002.1000	0090.0	092.6	33.41
199.0	016.5000	0122.1	038.9	039.0	002.1000	0089.8	092.3	33.46
200.0	016.5000	0122.3	038.9	038.6	002.1000	0089.5	092.1	33.52
201.0	016.5000	0122.2	038.9	038.2	002.1000	0089.2	091.9	33.55
202.0	016.5000	0122.0	038.9	037.8	002.1000	0088.9	091.7	33.59
203.0	016.5000	0121.5	038.9	037.4	002.1000	0089.1	091.6	33.63
204.0	016.5000	0121.3	038.8	037.0	002.1000	0089.3	091.4	33.67
205.0	016.5000	0121.0	038.8	036.6	002.1000	0088.9	091.3	33.68
206.0	016.5000	0120.6	038.7	036.1	002.1000	0088.2	091.3	33.67
207.0	016.5000	0120.3	038.7	035.7	002.1000	0087.5	091.2	33.66
208.0	016.5000	0119.1	038.5	035.3	002.1000	0087.1	091.2	33.63
209.0	016.5000	0118.5	038.5	034.9	002.1000	0086.8	091.2	33.62
210.0	016.5000	0118.2	038.4	034.4	002.1000	0086.6	091.2	33.62
211.0	016.5000	0118.4	038.5	034.0	002.1000	0086.5	091.1	33.63
212.0	016.5000	0118.5	038.5	033.6	002.1000	0086.4	091.1	33.64
213.0	016.5000	0118.0	038.4	033.2	002.1000	0086.4	091.1	33.63
214.0	016.5000	0117.7	038.4	032.8	002.1000	0086.3	091.2	33.61
215.0	016.5000	0117.4	038.3	032.4	002.1000	0086.3	091.2	33.60
216.0	016.5000	0117.4	038.3	031.9	002.1000	0086.4	091.2	33.59
217.0	016.5000	0117.4	038.3	031.5	002.1000	0086.5	091.3	33.58
218.0	016.5000	0116.8	038.3	031.1	002.1000	0086.6	091.4	33.55
219.0	016.5000	0116.6	038.2	030.7	002.1000	0086.6	091.6	33.53
220.0	016.5000	0117.0	038.3	030.3	002.1000	0086.8	091.6	33.52
221.0	016.5000	0117.5	038.3	029.9	002.1000	0086.9	091.7	33.51
222.0	016.5000	0117.5	038.4	029.5	002.1000	0087.0	091.8	33.49
223.0	016.5000	0116.7	038.2	029.1	002.1000	0087.1	092.0	33.43
224.0	016.5000	0115.9	038.1	028.7	002.1000	0087.3	092.3	33.36
225.0	016.5000	0115.4	038.1	028.3	002.1000	0087.5	092.5	33.31
226.0	016.5000	0113.6	037.8	027.9	002.1000	0087.7	093.0	33.21
227.0	016.5000	0112.1	037.6	027.6	002.1000	0087.9	093.4	33.12
228.0	016.5000	0112.1	037.6	027.2	002.1000	0088.1	093.6	33.08
229.0	016.5000	0111.8	037.6	026.9	002.1000	0088.3	093.9	33.02
230.0	016.5000	0110.0	037.3	026.6	002.1000	0088.5	094.4	32.90
231.0	016.5000	0108.7	037.1	026.2	002.1000	0088.6	094.8	32.80
232.0	016.5000	0110.1	037.3	025.8	002.1000	0088.7	094.9	32.78
233.0	016.5000	0113.6	037.8	025.4	002.1000	0088.8	094.7	32.82
234.0	016.5000	0116.6	038.2	024.9	002.1000	0088.9	094.7	32.84
235.0	016.5000	0117.8	038.4	024.5	002.1000	0088.9	094.9	32.79
236.0	016.5000	0117.7	038.4	024.1	002.1000	0088.8	095.2	32.70
237.0	016.5000	0118.3	038.5	023.8	002.1000	0088.7	095.5	32.62
238.0	016.5000	0119.5	038.6	023.4	002.1000	0088.6	095.8	32.56

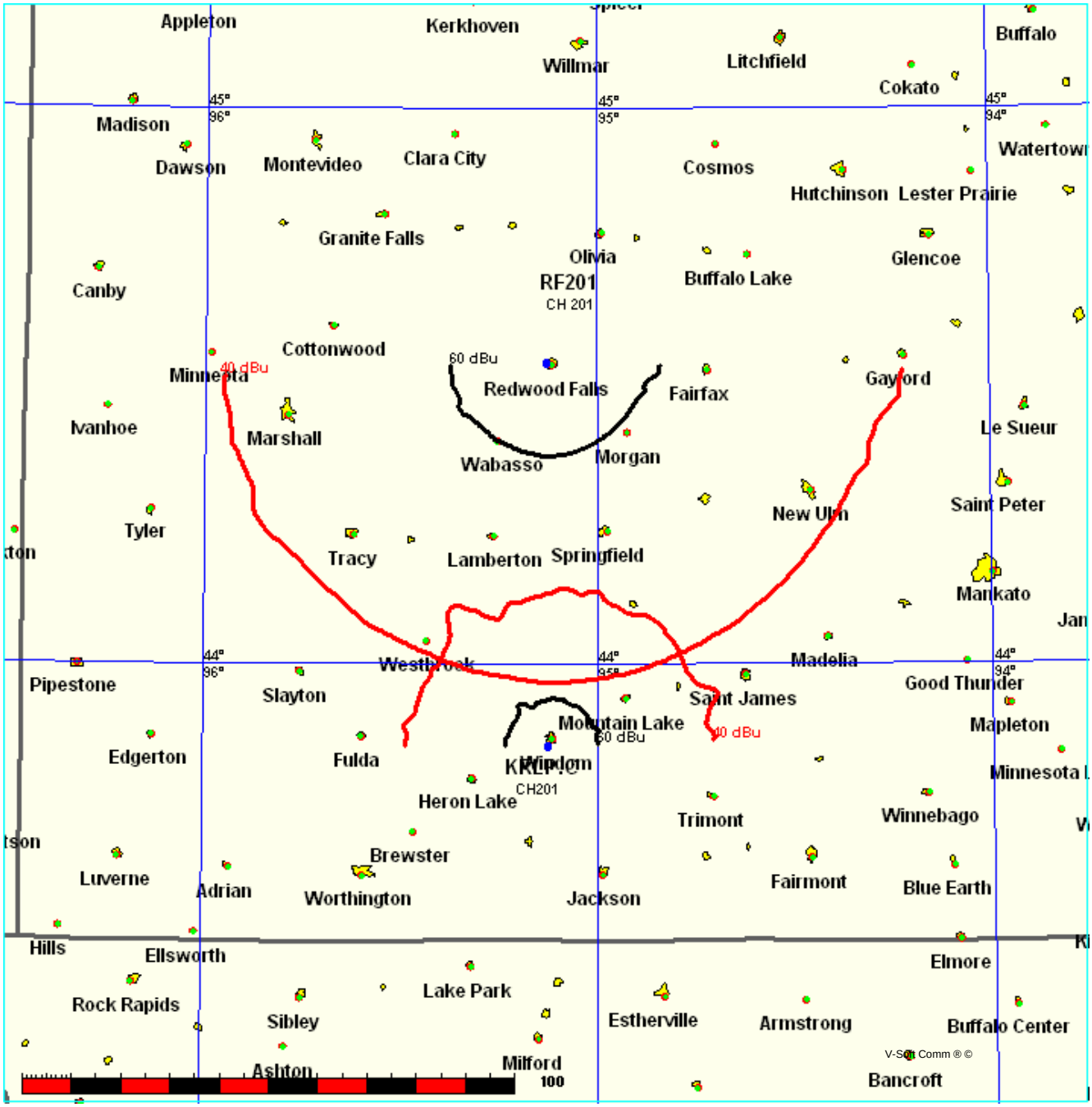
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
239.0	016.5000	0120.6	038.7	023.0	002.1000	0088.6	096.1	32.49
240.0	016.5000	0122.3	038.9	022.6	002.1000	0088.7	096.3	32.44
241.0	016.5000	0124.5	039.2	022.2	002.1000	0088.7	096.5	32.39
242.0	016.5000	0126.9	039.5	021.8	002.1000	0088.8	096.7	32.35
243.0	016.5000	0128.4	039.7	021.4	002.1000	0088.8	097.0	32.28
244.0	016.5000	0129.7	039.9	021.0	002.1000	0088.9	097.3	32.20
245.0	016.5000	0130.6	040.0	020.7	002.1000	0088.9	097.7	32.11
246.0	016.5000	0130.2	039.9	020.4	002.1000	0089.0	098.3	31.99
247.0	016.5000	0129.4	039.8	020.2	002.1000	0089.1	098.8	31.86
248.0	016.5000	0128.1	039.7	020.0	002.1000	0089.1	099.5	31.73
249.0	016.5000	0126.9	039.5	019.8	002.1000	0089.2	100.1	31.59
250.0	016.5000	0125.1	039.3	019.6	002.1000	0089.2	100.7	31.45
251.0	016.5000	0123.5	039.1	019.5	002.1000	0089.2	101.4	31.30
252.0	016.5000	0122.0	038.9	019.3	002.1000	0089.2	102.0	31.17
253.0	016.5000	0119.8	038.6	019.2	002.1000	0089.3	102.7	31.02
254.0	016.5000	0117.9	038.4	019.1	002.1000	0089.3	103.4	30.87
255.0	016.5000	0116.8	038.3	018.9	002.1000	0089.2	104.0	30.74
256.0	016.5000	0116.2	038.2	018.8	002.1000	0089.2	104.6	30.62
257.0	016.5000	0115.5	038.1	018.6	002.1000	0089.2	105.3	30.49
258.0	016.5000	0114.5	038.0	018.5	002.1000	0089.2	105.9	30.36
259.0	016.5000	0113.3	037.8	018.4	002.1000	0089.1	106.5	30.23
260.0	016.5000	0112.1	037.6	018.3	002.1000	0089.1	107.2	30.10
261.0	016.5000	0111.1	037.5	018.2	002.1000	0089.1	107.8	29.97
262.0	016.5000	0110.6	037.4	018.1	002.1000	0089.1	108.5	29.85
263.0	016.5000	0111.1	037.5	017.9	002.1000	0089.1	109.0	29.75
264.0	016.5000	0111.9	037.6	017.7	002.1000	0089.1	109.6	29.64
265.0	016.5000	0112.4	037.7	017.5	002.1000	0089.1	110.1	29.53
266.0	016.5000	0113.1	037.8	017.3	002.1000	0089.2	110.7	29.43
267.0	016.5000	0114.0	037.9	017.2	002.1000	0089.2	111.3	29.32
268.0	016.5000	0114.9	038.0	017.0	002.1000	0089.2	111.9	29.21
269.0	016.5000	0115.5	038.1	016.8	002.1000	0089.2	112.5	29.10
270.0	016.5000	0116.1	038.2	016.7	002.1000	0089.2	113.1	28.99
271.0	016.5000	0117.2	038.3	016.5	002.1000	0089.2	113.7	28.88
272.0	016.5000	0117.4	038.3	016.4	002.1000	0089.2	114.3	28.77
273.0	016.5000	0117.7	038.4	016.3	002.1000	0089.2	115.0	28.66
274.0	016.5000	0118.3	038.5	016.2	002.1000	0089.3	115.6	28.54

Minnesota Public Radio
Redwood Falls 201 v KRLP.C

FMCommander Single Allocation Study
10-04-2007

RF201 CH 201 A
2.1 kW 392.4 M COR
Prot. = 60 dBu
Intef. = 40 dBu

KRLP-C CH 201 A BMPED20060404ABQ
0.25 kW, 486 M COR
Prot. = 60 dBu
Intef. = 40 dBu



10-04-2007 USGS 03 SEC Terrain Data FMOver Analysis

RF201
Channel = 201A
Max ERP = 2.1 kW
RCAMSL = 392.4 M
N. Lat. 44 32 35.2
W. Lng. 95 07 57.0
Protected
60 dBu

KRLP-C BMPED20060404ABQ
Channel = 201A
Max ERP = 0.25 kW
RCAMSL = 486 M
N. Lat. 43 51 15.0
W. Lng. 95 07 30.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
120.0	002.1000	0077.5	019.6	013.7	000.2500	0051.6	068.7	28.14
121.0	002.1000	0077.0	019.6	013.5	000.2500	0051.3	068.4	28.20
122.0	002.1000	0076.7	019.5	013.4	000.2500	0051.0	068.1	28.25
123.0	002.1000	0076.5	019.5	013.3	000.2500	0050.8	067.8	28.30
124.0	002.1000	0076.3	019.5	013.2	000.2500	0050.6	067.5	28.36
125.0	002.1000	0076.1	019.4	013.1	000.2500	0050.4	067.2	28.41
126.0	002.1000	0075.8	019.4	012.9	000.2500	0050.3	066.9	28.48
127.0	002.1000	0075.5	019.4	012.8	000.2500	0050.2	066.6	28.54
128.0	002.1000	0075.3	019.3	012.6	000.2500	0050.2	066.3	28.61
129.0	002.1000	0075.2	019.3	012.5	000.2500	0050.2	066.0	28.68
130.0	002.1000	0075.0	019.3	012.4	000.2500	0050.2	065.7	28.75
131.0	002.1000	0074.8	019.3	012.2	000.2500	0050.2	065.4	28.82
132.0	002.1000	0074.6	019.2	012.0	000.2500	0050.2	065.1	28.89
133.0	002.1000	0074.3	019.2	011.9	000.2500	0050.3	064.9	28.96
134.0	002.1000	0074.0	019.2	011.7	000.2500	0050.3	064.6	29.03
135.0	002.1000	0074.0	019.2	011.5	000.2500	0050.4	064.3	29.11
136.0	002.1000	0073.7	019.1	011.3	000.2500	0050.5	064.1	29.18
137.0	002.1000	0073.5	019.1	011.1	000.2500	0050.5	063.8	29.24
138.0	002.1000	0073.2	019.1	010.9	000.2500	0050.6	063.6	29.31
139.0	002.1000	0072.9	019.0	010.7	000.2500	0050.7	063.3	29.39
140.0	002.1000	0072.7	019.0	010.5	000.2500	0050.9	063.1	29.46
141.0	002.1000	0072.7	019.0	010.3	000.2500	0051.0	062.8	29.54
142.0	002.1000	0072.8	019.0	010.1	000.2500	0051.1	062.6	29.62
143.0	002.1000	0072.6	019.0	009.9	000.2500	0051.2	062.3	29.69
144.0	002.1000	0072.3	018.9	009.7	000.2500	0051.4	062.1	29.76
145.0	002.1000	0072.1	018.9	009.4	000.2500	0051.6	061.9	29.83
146.0	002.1000	0071.9	018.9	009.2	000.2500	0051.7	061.7	29.90
147.0	002.1000	0071.8	018.9	009.0	000.2500	0051.8	061.5	29.96
148.0	002.1000	0071.8	018.9	008.8	000.2500	0051.8	061.3	30.03
149.0	002.1000	0071.7	018.9	008.5	000.2500	0051.9	061.1	30.09
150.0	002.1000	0071.5	018.8	008.3	000.2500	0052.0	060.9	30.15
151.0	002.1000	0071.4	018.8	008.0	000.2500	0052.0	060.7	30.20
152.0	002.1000	0071.3	018.8	007.8	000.2500	0052.0	060.5	30.26
153.0	002.1000	0071.3	018.8	007.5	000.2500	0052.1	060.3	30.31
154.0	002.1000	0071.4	018.8	007.2	000.2500	0052.1	060.1	30.36
155.0	002.1000	0071.4	018.8	007.0	000.2500	0052.0	059.9	30.41
156.0	002.1000	0071.4	018.8	006.7	000.2500	0052.0	059.8	30.45

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
157.0	002.1000	0071.4	018.8	006.5	000.2500	0052.0	059.6	30.50
158.0	002.1000	0071.4	018.8	006.2	000.2500	0052.0	059.5	30.54
159.0	002.1000	0071.4	018.8	005.9	000.2500	0051.9	059.3	30.58
160.0	002.1000	0071.4	018.8	005.6	000.2500	0051.9	059.2	30.61
161.0	002.1000	0071.4	018.8	005.3	000.2500	0051.8	059.0	30.64
162.0	002.1000	0071.4	018.8	005.0	000.2500	0051.7	058.9	30.67
163.0	002.1000	0071.4	018.8	004.7	000.2500	0051.6	058.8	30.70
164.0	002.1000	0071.4	018.8	004.5	000.2500	0051.6	058.6	30.73
165.0	002.1000	0071.3	018.8	004.1	000.2500	0051.5	058.5	30.75
166.0	002.1000	0071.3	018.8	003.8	000.2500	0051.5	058.4	30.77
167.0	002.1000	0071.2	018.8	003.5	000.2500	0051.3	058.3	30.78
168.0	002.1000	0071.1	018.8	003.2	000.2500	0051.2	058.3	30.79
169.0	002.1000	0070.8	018.7	002.9	000.2500	0051.0	058.2	30.78
170.0	002.1000	0070.6	018.7	002.6	000.2500	0050.8	058.2	30.77
171.0	002.1000	0070.5	018.7	002.3	000.2500	0050.6	058.1	30.76
172.0	002.1000	0070.5	018.7	002.0	000.2500	0050.3	058.1	30.75
173.0	002.1000	0070.5	018.7	001.6	000.2500	0050.0	058.0	30.74
174.0	002.1000	0070.4	018.7	001.3	000.2500	0049.8	058.0	30.72
175.0	002.1000	0070.5	018.7	001.0	000.2500	0049.5	057.9	30.70
176.0	002.1000	0070.6	018.7	000.7	000.2500	0049.3	057.9	30.69
177.0	002.1000	0070.5	018.7	000.4	000.2500	0049.0	057.9	30.66
178.0	002.1000	0070.3	018.7	000.1	000.2500	0048.9	057.9	30.64
179.0	002.1000	0070.1	018.7	359.7	000.2500	0048.9	057.9	30.64
180.0	002.1000	0070.0	018.6	359.4	000.2500	0048.9	057.9	30.63
181.0	002.1000	0069.9	018.6	359.1	000.2500	0048.8	057.9	30.62
182.0	002.1000	0069.7	018.6	358.8	000.2500	0048.8	058.0	30.61
183.0	002.1000	0069.4	018.6	358.5	000.2500	0048.6	058.0	30.57
184.0	002.1000	0069.0	018.5	358.2	000.2500	0048.4	058.1	30.52
185.0	002.1000	0068.5	018.4	357.8	000.2500	0048.2	058.2	30.47
186.0	002.1000	0068.0	018.4	357.5	000.2500	0048.0	058.3	30.42
187.0	002.1000	0067.7	018.3	357.2	000.2500	0047.8	058.4	30.38
188.0	002.1000	0067.5	018.3	356.9	000.2500	0047.6	058.5	30.33
189.0	002.1000	0067.7	018.3	356.6	000.2500	0047.5	058.5	30.30
190.0	002.1000	0067.9	018.4	356.3	000.2500	0047.3	058.6	30.27
191.0	002.1000	0067.9	018.4	356.0	000.2500	0047.3	058.7	30.24
192.0	002.1000	0067.8	018.3	355.7	000.2500	0047.3	058.8	30.22
193.0	002.1000	0067.7	018.3	355.4	000.2500	0047.3	058.9	30.20
194.0	002.1000	0067.5	018.3	355.2	000.2500	0047.3	059.0	30.16
195.0	002.1000	0067.3	018.3	354.9	000.2500	0047.3	059.1	30.12
196.0	002.1000	0067.1	018.3	354.6	000.2500	0047.2	059.3	30.08
197.0	002.1000	0067.0	018.2	354.3	000.2500	0047.2	059.4	30.04
198.0	002.1000	0066.8	018.2	354.1	000.2500	0047.2	059.6	29.99
199.0	002.1000	0066.6	018.2	353.8	000.2500	0047.1	059.7	29.95
200.0	002.1000	0066.5	018.2	353.5	000.2500	0047.1	059.9	29.91
201.0	002.1000	0066.2	018.1	353.3	000.2500	0047.1	060.0	29.86
202.0	002.1000	0065.9	018.1	353.0	000.2500	0047.1	060.2	29.81
203.0	002.1000	0066.0	018.1	352.8	000.2500	0047.0	060.4	29.76
204.0	002.1000	0066.3	018.1	352.5	000.2500	0046.9	060.5	29.72
205.0	002.1000	0066.2	018.1	352.2	000.2500	0046.8	060.7	29.66
206.0	002.1000	0066.1	018.1	352.0	000.2500	0046.7	060.9	29.60
207.0	002.1000	0066.1	018.1	351.8	000.2500	0046.6	061.1	29.55

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
208.0	002.1000	0066.1	018.1	351.5	000.2500	0046.6	061.2	29.50
209.0	002.1000	0066.2	018.1	351.3	000.2500	0046.5	061.4	29.44
210.0	002.1000	0066.5	018.2	351.0	000.2500	0046.4	061.6	29.39
211.0	002.1000	0067.0	018.2	350.8	000.2500	0046.3	061.7	29.34
212.0	002.1000	0067.4	018.3	350.5	000.2500	0046.2	061.9	29.28
213.0	002.1000	0067.7	018.3	350.3	000.2500	0046.0	062.1	29.22
214.0	002.1000	0068.0	018.4	350.0	000.2500	0045.9	062.3	29.17
215.0	002.1000	0068.0	018.4	349.8	000.2500	0045.8	062.5	29.10
216.0	002.1000	0067.6	018.3	349.7	000.2500	0045.7	062.8	29.02
217.0	002.1000	0067.5	018.3	349.5	000.2500	0045.7	063.0	28.96
218.0	002.1000	0067.4	018.3	349.3	000.2500	0045.6	063.3	28.89
219.0	002.1000	0067.1	018.2	349.1	000.2500	0045.5	063.5	28.82
220.0	002.1000	0066.8	018.2	349.0	000.2500	0045.5	063.8	28.75
221.0	002.1000	0066.6	018.2	348.8	000.2500	0045.4	064.1	28.68
222.0	002.1000	0066.4	018.2	348.7	000.2500	0045.4	064.3	28.62
223.0	002.1000	0066.5	018.2	348.5	000.2500	0045.4	064.6	28.56
224.0	002.1000	0066.8	018.2	348.3	000.2500	0045.4	064.8	28.51
225.0	002.1000	0067.2	018.3	348.1	000.2500	0045.5	065.1	28.46
226.0	002.1000	0067.5	018.3	347.9	000.2500	0045.6	065.3	28.41
227.0	002.1000	0067.6	018.3	347.8	000.2500	0045.6	065.6	28.35
228.0	002.1000	0067.7	018.3	347.6	000.2500	0045.7	065.8	28.30
229.0	002.1000	0067.9	018.3	347.5	000.2500	0045.8	066.1	28.24
230.0	002.1000	0068.1	018.4	347.3	000.2500	0045.8	066.4	28.18
231.0	002.1000	0068.5	018.4	347.2	000.2500	0045.8	066.6	28.12
232.0	002.1000	0069.0	018.5	347.0	000.2500	0045.7	066.9	28.05
233.0	002.1000	0069.6	018.6	346.8	000.2500	0045.7	067.2	27.99
234.0	002.1000	0070.2	018.7	346.7	000.2500	0045.7	067.4	27.93
235.0	002.1000	0071.1	018.8	346.5	000.2500	0045.7	067.7	27.87
236.0	002.1000	0072.3	018.9	346.2	000.2500	0045.9	067.9	27.83
237.0	002.1000	0074.3	019.2	345.9	000.2500	0046.0	068.2	27.79
238.0	002.1000	0076.0	019.4	345.7	000.2500	0046.2	068.4	27.75
239.0	002.1000	0077.1	019.6	345.5	000.2500	0046.3	068.7	27.70
240.0	002.1000	0077.9	019.7	345.3	000.2500	0046.5	069.0	27.64

10-04-2007 USGS 03 SEC Terrain Data

KRLP-C BMPED20060404ABQ
Channel = 201A
Max ERP = 0.25 kW
RCAMSL = 486 M
N. Lat. 43 51 15.0
W. Lng. 95 07 30.0
Protected
60 dBu

RF201
Channel = 201A
Max ERP = 2.1 kW
RCAMSL = 392.4 M
N. Lat. 44 32 35.2
W. Lng. 95 07 57.0
Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
300.0	000.2500	0041.1	008.3	185.2	002.1000	0068.4	072.7	37.54
301.0	000.2500	0041.4	008.3	185.2	002.1000	0068.4	072.6	37.58
302.0	000.2500	0042.8	008.5	185.2	002.1000	0068.4	072.4	37.63
303.0	000.2500	0042.3	008.4	185.1	002.1000	0068.4	072.3	37.66
304.0	000.2500	0041.5	008.3	185.0	002.1000	0068.5	072.2	37.69
305.0	000.2500	0040.8	008.3	184.9	002.1000	0068.6	072.1	37.71
306.0	000.2500	0040.9	008.3	184.9	002.1000	0068.6	072.0	37.75
307.0	000.2500	0041.1	008.3	184.8	002.1000	0068.6	071.8	37.79
308.0	000.2500	0041.5	008.3	184.8	002.1000	0068.7	071.7	37.83
309.0	000.2500	0041.8	008.4	184.7	002.1000	0068.7	071.5	37.87
310.0	000.2500	0042.3	008.4	184.7	002.1000	0068.7	071.4	37.91
311.0	000.2500	0042.7	008.5	184.7	002.1000	0068.7	071.2	37.95
312.0	000.2500	0043.2	008.5	184.6	002.1000	0068.8	071.1	37.99
313.0	000.2500	0043.9	008.6	184.6	002.1000	0068.8	070.9	38.04
314.0	000.2500	0044.1	008.6	184.6	002.1000	0068.8	070.8	38.07
315.0	000.2500	0044.4	008.7	184.5	002.1000	0068.8	070.6	38.11
316.0	000.2500	0045.0	008.7	184.5	002.1000	0068.9	070.5	38.15
317.0	000.2500	0046.2	008.9	184.5	002.1000	0068.9	070.3	38.21
318.0	000.2500	0047.5	009.0	184.4	002.1000	0068.9	070.1	38.26
319.0	000.2500	0049.3	009.2	184.5	002.1000	0068.9	069.8	38.33
320.0	000.2500	0052.0	009.5	184.5	002.1000	0068.8	069.5	38.41
321.0	000.2500	0055.7	009.8	184.6	002.1000	0068.8	069.1	38.50
322.0	000.2500	0057.7	010.0	184.6	002.1000	0068.8	068.9	38.57
323.0	000.2500	0058.5	010.1	184.6	002.1000	0068.8	068.7	38.62
324.0	000.2500	0058.9	010.1	184.5	002.1000	0068.9	068.6	38.66
325.0	000.2500	0058.9	010.1	184.4	002.1000	0068.9	068.5	38.69
326.0	000.2500	0058.3	010.0	184.2	002.1000	0068.9	068.4	38.71
327.0	000.2500	0057.0	009.9	184.0	002.1000	0069.0	068.4	38.72
328.0	000.2500	0055.3	009.8	183.8	002.1000	0069.1	068.4	38.72
329.0	000.2500	0053.3	009.6	183.6	002.1000	0069.2	068.5	38.71
330.0	000.2500	0051.7	009.4	183.5	002.1000	0069.3	068.5	38.71
331.0	000.2500	0050.0	009.3	183.3	002.1000	0069.3	068.6	38.70
332.0	000.2500	0048.6	009.1	183.1	002.1000	0069.4	068.6	38.69
333.0	000.2500	0046.4	008.9	182.9	002.1000	0069.4	068.7	38.66

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
334.0	000.2500	0044.0	008.6	182.7	002.1000	0069.5	068.9	38.62
335.0	000.2500	0042.6	008.5	182.5	002.1000	0069.6	069.0	38.61
336.0	000.2500	0041.5	008.3	182.3	002.1000	0069.6	069.0	38.60
337.0	000.2500	0040.6	008.2	182.2	002.1000	0069.6	069.0	38.59
338.0	000.2500	0039.9	008.2	182.0	002.1000	0069.7	069.0	38.59
339.0	000.2500	0040.2	008.2	181.9	002.1000	0069.7	069.0	38.62
340.0	000.2500	0040.9	008.3	181.9	002.1000	0069.7	068.8	38.65
341.0	000.2500	0042.7	008.5	181.8	002.1000	0069.7	068.6	38.72
342.0	000.2500	0044.6	008.7	181.8	002.1000	0069.7	068.3	38.79
343.0	000.2500	0045.9	008.8	181.7	002.1000	0069.7	068.1	38.84
344.0	000.2500	0046.7	008.9	181.6	002.1000	0069.7	068.0	38.87
345.0	000.2500	0046.7	008.9	181.4	002.1000	0069.8	068.0	38.89
346.0	000.2500	0045.9	008.8	181.3	002.1000	0069.8	068.0	38.88
347.0	000.2500	0045.7	008.8	181.2	002.1000	0069.8	068.0	38.89
348.0	000.2500	0045.5	008.8	181.0	002.1000	0069.9	068.0	38.89
349.0	000.2500	0045.5	008.8	180.9	002.1000	0069.9	067.9	38.90
350.0	000.2500	0045.9	008.8	180.8	002.1000	0069.9	067.9	38.92
351.0	000.2500	0046.4	008.9	180.7	002.1000	0070.0	067.8	38.95
352.0	000.2500	0046.7	008.9	180.5	002.1000	0070.0	067.7	38.96
353.0	000.2500	0047.1	009.0	180.4	002.1000	0070.0	067.7	38.98
354.0	000.2500	0047.2	009.0	180.3	002.1000	0070.0	067.6	38.99
355.0	000.2500	0047.3	009.0	180.2	002.1000	0070.0	067.6	39.00
356.0	000.2500	0047.3	009.0	180.0	002.1000	0070.0	067.6	39.00
357.0	000.2500	0047.7	009.0	179.9	002.1000	0070.0	067.5	39.02
358.0	000.2500	0048.3	009.1	179.8	002.1000	0070.0	067.5	39.04
359.0	000.2500	0048.8	009.1	179.6	002.1000	0070.1	067.4	39.05
000.0	000.2500	0048.9	009.2	179.5	002.1000	0070.1	067.4	39.06
001.0	000.2500	0049.5	009.2	179.4	002.1000	0070.1	067.3	39.07
002.0	000.2500	0050.4	009.3	179.2	002.1000	0070.1	067.3	39.10
003.0	000.2500	0051.0	009.4	179.1	002.1000	0070.1	067.2	39.11
004.0	000.2500	0051.5	009.4	178.9	002.1000	0070.1	067.2	39.12
005.0	000.2500	0051.7	009.4	178.8	002.1000	0070.2	067.2	39.13
006.0	000.2500	0051.9	009.5	178.6	002.1000	0070.2	067.2	39.13
007.0	000.2500	0052.0	009.5	178.5	002.1000	0070.2	067.2	39.13
008.0	000.2500	0052.0	009.5	178.4	002.1000	0070.2	067.2	39.12
009.0	000.2500	0051.8	009.4	178.2	002.1000	0070.3	067.3	39.11
010.0	000.2500	0051.2	009.4	178.1	002.1000	0070.3	067.3	39.09
011.0	000.2500	0050.6	009.3	178.0	002.1000	0070.3	067.4	39.06
012.0	000.2500	0050.2	009.3	177.8	002.1000	0070.3	067.5	39.04
013.0	000.2500	0050.3	009.3	177.7	002.1000	0070.3	067.5	39.04
014.0	000.2500	0052.1	009.5	177.5	002.1000	0070.3	067.4	39.07
015.0	000.2500	0052.9	009.6	177.4	002.1000	0070.3	067.4	39.08
016.0	000.2500	0053.7	009.6	177.2	002.1000	0070.4	067.4	39.08
017.0	000.2500	0054.0	009.7	177.1	002.1000	0070.4	067.4	39.08
018.0	000.2500	0054.3	009.7	176.9	002.1000	0070.5	067.4	39.08
019.0	000.2500	0054.2	009.7	176.8	002.1000	0070.6	067.5	39.06
020.0	000.2500	0052.7	009.5	176.7	002.1000	0070.6	067.7	39.01
021.0	000.2500	0051.6	009.4	176.6	002.1000	0070.6	067.9	38.97
022.0	000.2500	0050.9	009.4	176.5	002.1000	0070.6	068.0	38.93
023.0	000.2500	0050.7	009.3	176.4	002.1000	0070.6	068.1	38.91
024.0	000.2500	0050.8	009.4	176.3	002.1000	0070.6	068.2	38.89

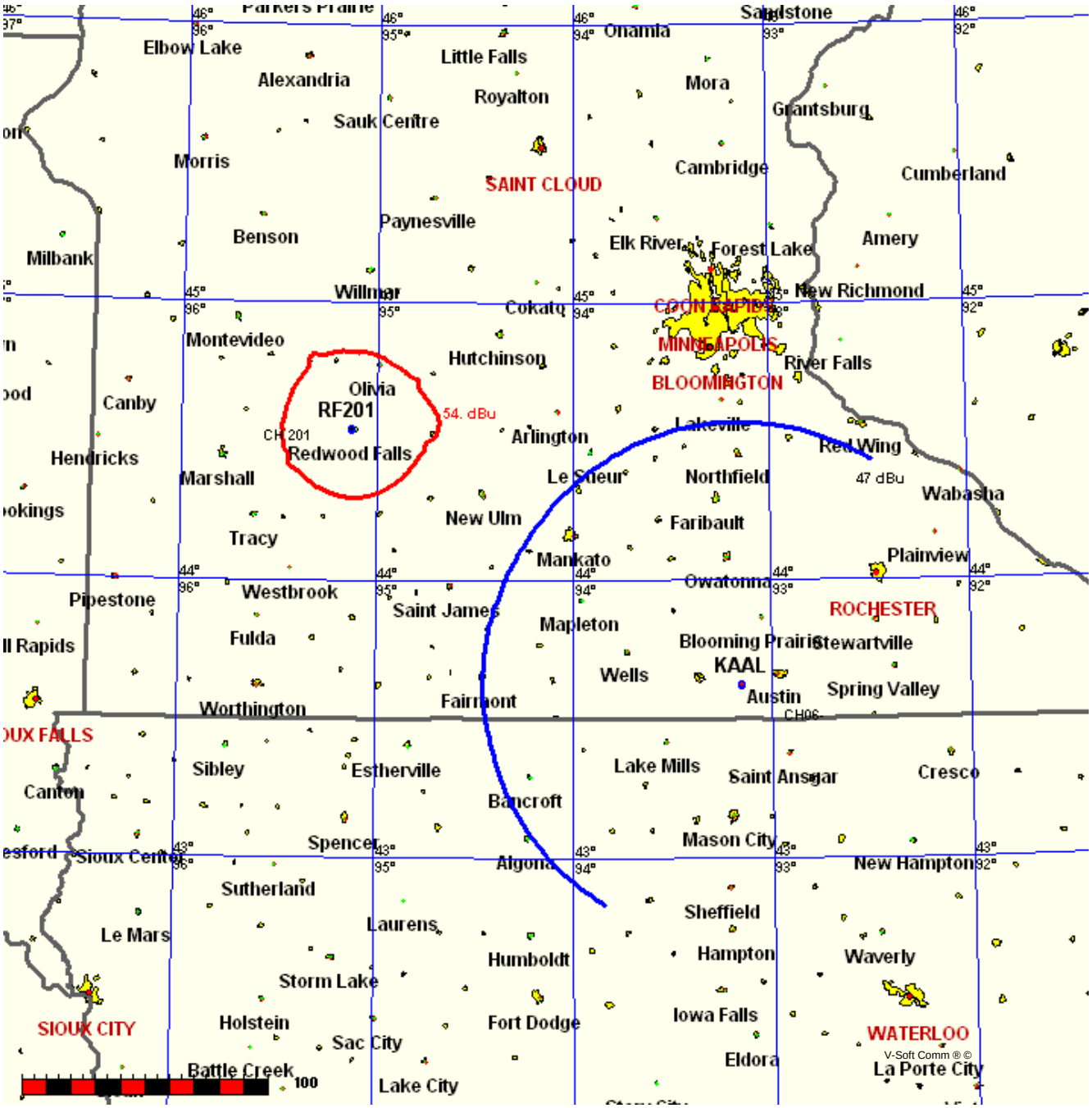
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
025.0	000.2500	0050.7	009.3	176.2	002.1000	0070.6	068.2	38.87
026.0	000.2500	0050.6	009.3	176.1	002.1000	0070.6	068.3	38.84
027.0	000.2500	0050.6	009.3	175.9	002.1000	0070.6	068.4	38.82
028.0	000.2500	0050.5	009.3	175.8	002.1000	0070.6	068.5	38.79
029.0	000.2500	0050.3	009.3	175.7	002.1000	0070.6	068.6	38.77
030.0	000.2500	0050.6	009.3	175.6	002.1000	0070.6	068.7	38.75
031.0	000.2500	0050.7	009.3	175.5	002.1000	0070.5	068.8	38.72
032.0	000.2500	0050.8	009.3	175.4	002.1000	0070.5	068.8	38.70
033.0	000.2500	0051.5	009.4	175.2	002.1000	0070.5	068.9	38.68
034.0	000.2500	0052.5	009.5	175.1	002.1000	0070.5	068.9	38.68
035.0	000.2500	0053.0	009.6	174.9	002.1000	0070.5	069.0	38.66
036.0	000.2500	0053.9	009.7	174.8	002.1000	0070.5	069.0	38.64
037.0	000.2500	0054.9	009.8	174.6	002.1000	0070.5	069.1	38.63
038.0	000.2500	0055.6	009.8	174.5	002.1000	0070.5	069.1	38.61
039.0	000.2500	0056.0	009.8	174.4	002.1000	0070.4	069.2	38.59
040.0	000.2500	0056.3	009.9	174.2	002.1000	0070.4	069.3	38.56
041.0	000.2500	0056.6	009.9	174.1	002.1000	0070.4	069.4	38.53
042.0	000.2500	0056.7	009.9	174.0	002.1000	0070.4	069.6	38.50
043.0	000.2500	0056.8	009.9	173.9	002.1000	0070.4	069.7	38.46
044.0	000.2500	0056.9	009.9	173.8	002.1000	0070.4	069.8	38.43
045.0	000.2500	0056.8	009.9	173.7	002.1000	0070.4	070.0	38.39
046.0	000.2500	0056.1	009.9	173.7	002.1000	0070.4	070.1	38.35
047.0	000.2500	0055.7	009.8	173.6	002.1000	0070.4	070.3	38.30
048.0	000.2500	0055.6	009.8	173.6	002.1000	0070.4	070.4	38.27
049.0	000.2500	0055.8	009.8	173.5	002.1000	0070.4	070.6	38.23
050.0	000.2500	0055.9	009.8	173.4	002.1000	0070.4	070.7	38.20
051.0	000.2500	0055.8	009.8	173.3	002.1000	0070.4	070.8	38.16
052.0	000.2500	0055.8	009.8	173.2	002.1000	0070.4	071.0	38.12
053.0	000.2500	0055.4	009.8	173.2	002.1000	0070.4	071.2	38.07
054.0	000.2500	0055.1	009.8	173.1	002.1000	0070.4	071.3	38.03
055.0	000.2500	0054.8	009.7	173.1	002.1000	0070.4	071.5	37.99
056.0	000.2500	0054.4	009.7	173.1	002.1000	0070.5	071.7	37.94
057.0	000.2500	0053.9	009.7	173.0	002.1000	0070.5	071.8	37.90
058.0	000.2500	0053.6	009.6	173.0	002.1000	0070.5	072.0	37.86
059.0	000.2500	0053.4	009.6	173.0	002.1000	0070.5	072.1	37.81
060.0	000.2500	0053.2	009.6	172.9	002.1000	0070.5	072.3	37.77

Minnesota Public Radio
Redwood Falls 201 v KAAL

FMCommander Single Allocation Study
10-04-2007

RF201 CH 201 A
2.153 kW 392.4 M COR
Intef. = 54.0 dBu

KAAL CH 06- 2C BLCT2236
100.0 kW, 696 M COR
Prot. = 47 dBu



10-04-2007 USGS 03 SEC Terrain Data

KAAL BLCT2236
Channel = 06-2C
Max ERP = 100 kW
RCAMSL = 696 M
N. Lat. 43 37 42.0
W. Lng. 93 09 12.0
Protected
47 dBu

RF201
Channel = 201A
Max ERP = 2.1525 kW
RCAMSL = 392.4 M
N. Lat. 44 32 35.2
W. Lng. 95 07 57.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
243.0	100.0000	0321.0	105.2	156.3	002.1525	0071.4	162.9	19.47
244.0	100.0000	0320.4	105.2	156.2	002.1525	0071.4	161.2	19.78
245.0	100.0000	0319.8	105.1	156.2	002.1525	0071.4	159.4	20.12
246.0	100.0000	0319.3	105.1	156.2	002.1525	0071.4	157.5	20.45
247.0	100.0000	0318.9	105.1	156.2	002.1525	0071.4	155.7	20.78
248.0	100.0000	0318.4	105.0	156.2	002.1525	0071.4	153.9	21.10
249.0	100.0000	0317.7	105.0	156.2	002.1525	0071.4	152.0	21.42
250.0	100.0000	0317.2	104.9	156.1	002.1525	0071.4	150.2	21.74
251.0	100.0000	0316.7	104.9	156.1	002.1525	0071.4	148.4	22.06
252.0	100.0000	0315.8	104.8	156.0	002.1525	0071.4	146.5	22.38
253.0	100.0000	0315.1	104.8	155.9	002.1525	0071.4	144.7	22.71
254.0	100.0000	0314.9	104.8	155.8	002.1525	0071.4	142.9	23.05
255.0	100.0000	0314.9	104.8	155.7	002.1525	0071.4	141.1	23.39
256.0	100.0000	0315.1	104.8	155.6	002.1525	0071.4	139.3	23.73
257.0	100.0000	0315.7	104.8	155.5	002.1525	0071.4	137.5	24.07
258.0	100.0000	0316.6	104.9	155.4	002.1525	0071.4	135.6	24.42
259.0	100.0000	0317.8	105.0	155.2	002.1525	0071.4	133.8	24.76
260.0	100.0000	0319.1	105.1	155.1	002.1525	0071.4	132.0	25.10
261.0	100.0000	0319.9	105.1	154.9	002.1525	0071.4	130.2	25.44
262.0	100.0000	0320.7	105.2	154.7	002.1525	0071.4	128.4	25.77
263.0	100.0000	0321.3	105.2	154.5	002.1525	0071.4	126.7	26.09
264.0	100.0000	0321.7	105.3	154.2	002.1525	0071.4	124.9	26.41
265.0	100.0000	0321.8	105.3	154.0	002.1525	0071.4	123.2	26.72
266.0	100.0000	0321.8	105.3	153.7	002.1525	0071.4	121.5	27.02
267.0	100.0000	0322.0	105.3	153.3	002.1525	0071.4	119.7	27.32
268.0	100.0000	0322.2	105.3	153.0	002.1525	0071.3	118.1	27.62
269.0	100.0000	0322.7	105.3	152.6	002.1525	0071.3	116.4	27.92
270.0	100.0000	0322.7	105.3	152.2	002.1525	0071.3	114.7	28.21
271.0	100.0000	0322.4	105.3	151.8	002.1525	0071.4	113.1	28.50
272.0	100.0000	0321.8	105.3	151.3	002.1525	0071.4	111.5	28.79
273.0	100.0000	0321.4	105.2	150.8	002.1525	0071.5	110.0	29.08
274.0	100.0000	0321.0	105.2	150.3	002.1525	0071.5	108.4	29.37
275.0	100.0000	0320.4	105.2	149.7	002.1525	0071.6	106.9	29.65
276.0	100.0000	0319.8	105.1	149.1	002.1525	0071.6	105.4	29.94
277.0	100.0000	0319.3	105.1	148.5	002.1525	0071.7	104.0	30.22

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
278.0	100.0000	0318.8	105.0	147.9	002.1525	0071.8	102.6	30.50
279.0	100.0000	0318.6	105.0	147.2	002.1525	0071.8	101.2	30.79
280.0	100.0000	0318.5	105.0	146.5	002.1525	0071.8	099.8	31.07
281.0	100.0000	0318.7	105.0	145.8	002.1525	0071.9	098.5	31.36
282.0	100.0000	0319.0	105.1	145.0	002.1525	0072.1	097.2	31.65
283.0	100.0000	0318.9	105.1	144.2	002.1525	0072.3	096.0	31.94
284.0	100.0000	0318.3	105.0	143.4	002.1525	0072.5	094.8	32.22
285.0	100.0000	0318.0	105.0	142.5	002.1525	0072.8	093.7	32.50
286.0	100.0000	0317.2	104.9	141.6	002.1525	0072.8	092.6	32.75
287.0	100.0000	0315.6	104.8	140.6	002.1525	0072.6	091.6	32.98
288.0	100.0000	0313.9	104.7	139.6	002.1525	0072.8	090.7	33.21
289.0	100.0000	0312.9	104.6	138.6	002.1525	0073.0	089.9	33.44
290.0	100.0000	0312.0	104.5	137.6	002.1525	0073.3	089.0	33.67
291.0	100.0000	0311.8	104.5	136.5	002.1525	0073.6	088.2	33.89
292.0	100.0000	0312.2	104.5	135.5	002.1525	0073.9	087.4	34.11
293.0	100.0000	0312.4	104.6	134.4	002.1525	0074.1	086.7	34.31
294.0	100.0000	0312.2	104.6	133.2	002.1525	0074.2	086.0	34.48
295.0	100.0000	0311.6	104.5	132.1	002.1525	0074.6	085.5	34.65
296.0	100.0000	0310.8	104.4	130.9	002.1525	0074.8	085.0	34.78
297.0	100.0000	0310.6	104.4	129.7	002.1525	0075.1	084.6	34.91
298.0	100.0000	0310.3	104.4	128.5	002.1525	0075.2	084.2	35.01
299.0	100.0000	0309.8	104.4	127.3	002.1525	0075.4	084.0	35.09
300.0	100.0000	0309.3	104.3	126.0	002.1525	0075.8	083.7	35.17
301.0	100.0000	0308.9	104.3	124.8	002.1525	0076.2	083.6	35.22
302.0	100.0000	0308.8	104.3	123.5	002.1525	0076.4	083.5	35.26
303.0	100.0000	0308.9	104.3	122.3	002.1525	0076.6	083.5	35.28
304.0	100.0000	0309.0	104.3	121.0	002.1525	0077.0	083.5	35.30
305.0	100.0000	0309.0	104.3	119.8	002.1525	0077.6	083.6	35.30
306.0	100.0000	0308.7	104.3	118.6	002.1525	0078.1	083.8	35.27
307.0	100.0000	0308.4	104.2	117.3	002.1525	0078.9	084.1	35.24
308.0	100.0000	0308.1	104.2	116.1	002.1525	0079.2	084.4	35.16
309.0	100.0000	0308.0	104.2	114.9	002.1525	0079.4	084.8	35.07
310.0	100.0000	0308.4	104.2	113.7	002.1525	0079.6	085.2	34.97
311.0	100.0000	0309.5	104.3	112.5	002.1525	0080.0	085.7	34.87
312.0	100.0000	0310.4	104.4	111.4	002.1525	0080.5	086.2	34.76
313.0	100.0000	0310.9	104.4	110.2	002.1525	0081.5	086.8	34.64
314.0	100.0000	0311.0	104.5	109.1	002.1525	0083.2	087.5	34.54
315.0	100.0000	0310.8	104.4	108.0	002.1525	0085.9	088.3	34.45
316.0	100.0000	0310.6	104.4	107.0	002.1525	0087.3	089.1	34.30
317.0	100.0000	0311.4	104.5	106.0	002.1525	0087.5	090.0	34.08
318.0	100.0000	0313.1	104.6	104.9	002.1525	0086.5	090.8	33.82
319.0	100.0000	0313.9	104.7	104.0	002.1525	0085.2	091.7	33.52
320.0	100.0000	0314.2	104.7	103.0	002.1525	0085.4	092.8	33.27
321.0	100.0000	0314.5	104.7	102.1	002.1525	0085.8	093.8	33.02
322.0	100.0000	0314.7	104.7	101.2	002.1525	0086.5	095.0	32.77
323.0	100.0000	0314.7	104.7	100.4	002.1525	0087.3	096.2	32.52
324.0	100.0000	0314.6	104.7	099.6	002.1525	0088.9	097.4	32.29
325.0	100.0000	0314.7	104.7	098.8	002.1525	0091.1	098.7	32.09
326.0	100.0000	0314.9	104.8	098.1	002.1525	0093.8	100.0	31.89
327.0	100.0000	0315.1	104.8	097.4	002.1525	0096.2	101.3	31.68
328.0	100.0000	0315.3	104.8	096.7	002.1525	0099.7	102.7	31.51

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
329.0	100.0000	0315.6	104.8	096.1	002.1525	0103.8	104.1	31.35
330.0	100.0000	0315.8	104.8	095.5	002.1525	0106.2	105.6	31.13
331.0	100.0000	0315.9	104.8	094.9	002.1525	0107.2	107.1	30.85
332.0	100.0000	0315.9	104.8	094.3	002.1525	0107.2	108.6	30.54
333.0	100.0000	0316.0	104.8	093.8	002.1525	0107.1	110.1	30.24
334.0	100.0000	0316.1	104.8	093.3	002.1525	0106.8	111.7	29.93
335.0	100.0000	0316.3	104.9	092.9	002.1525	0106.6	113.3	29.63
336.0	100.0000	0316.7	104.9	092.4	002.1525	0106.7	114.8	29.35
337.0	100.0000	0317.0	104.9	092.0	002.1525	0107.1	116.5	29.07
338.0	100.0000	0317.1	104.9	091.6	002.1525	0107.6	118.1	28.80
339.0	100.0000	0317.1	104.9	091.2	002.1525	0108.1	119.8	28.52
340.0	100.0000	0317.2	104.9	090.9	002.1525	0108.5	121.5	28.24
341.0	100.0000	0317.3	104.9	090.6	002.1525	0108.7	123.2	27.95
342.0	100.0000	0317.4	104.9	090.3	002.1525	0108.8	124.9	27.65
343.0	100.0000	0317.3	104.9	090.0	002.1525	0109.1	126.6	27.35
344.0	100.0000	0317.3	104.9	089.8	002.1525	0109.3	128.4	27.04
345.0	100.0000	0317.3	104.9	089.6	002.1525	0109.4	130.1	26.71
346.0	100.0000	0317.4	104.9	089.3	002.1525	0109.6	131.9	26.38
347.0	100.0000	0317.7	105.0	089.1	002.1525	0109.8	133.7	26.04
348.0	100.0000	0317.7	105.0	089.0	002.1525	0109.9	135.5	25.69
349.0	100.0000	0317.6	105.0	088.8	002.1525	0110.3	137.3	25.35
350.0	100.0000	0317.6	105.0	088.7	002.1525	0110.6	139.1	25.01
351.0	100.0000	0317.3	104.9	088.6	002.1525	0110.9	140.9	24.66
352.0	100.0000	0317.0	104.9	088.5	002.1525	0111.0	142.7	24.33
353.0	100.0000	0316.8	104.9	088.4	002.1525	0111.2	144.5	23.99
354.0	100.0000	0316.6	104.9	088.3	002.1525	0111.3	146.3	23.67
355.0	100.0000	0316.7	104.9	088.2	002.1525	0111.4	148.1	23.36
356.0	100.0000	0316.5	104.9	088.2	002.1525	0111.5	150.0	23.06
357.0	100.0000	0315.5	104.8	088.2	002.1525	0111.5	151.8	22.76
358.0	100.0000	0315.1	104.8	088.2	002.1525	0111.5	153.6	22.46
359.0	100.0000	0314.8	104.7	088.2	002.1525	0111.5	155.5	22.16
000.0	100.0000	0314.7	104.7	088.2	002.1525	0111.5	157.3	21.86
001.0	100.0000	0314.6	104.7	088.2	002.1525	0111.5	159.1	21.54
002.0	100.0000	0314.3	104.7	088.2	002.1525	0111.4	160.9	21.22
003.0	100.0000	0313.9	104.7	088.3	002.1525	0111.4	162.8	20.89

Channel-Six TV Protection Study

KAAL LI 06- 2C Dom Int 100.000 kW 320 M HAAT VHN
Austin MN 696.0 M COR AMSL
Lat= 43 37 42.0, Lng= 93 09 12.0
Kaal-tv, Llc BLCT2236
Fac ID# 18285
Dist.=188.31 km, Azi=122.1°, Rev Azi=303.4°

Direct line HAAT Grade B, 47 dBu= 104.3 km & Grade A= 54.94 km

Distance from reference to Grade B = 84.01 km
Cutoff Dist from Full Service or Class CA= 265
Maximum Co-located power= 1.1 kW
KAAL Signal Contour at Reference location = 26.6 dBu
CH. 201, U/D ratio = 7.0 dB, Maximum FM signal = 54.0 dBu , 6 dB credit added

TV/FM D to U values

47.0	54.0	55.0	59.7	63.0	65.4	71.0	72.1	79.0	79.4	87.0	86.7
48.0	54.7	56.0	60.4	64.0	66.1	72.0	73.0	80.0	80.3	88.0	87.7
49.0	55.3	57.0	61.1	65.0	66.9	73.0	73.9	81.0	81.2	89.0	88.6
50.0	56.0	58.0	61.7	66.0	67.7	74.0	74.7	82.0	82.1	90.0	89.5
51.0	56.7	59.0	62.4	67.0	68.6	75.0	75.7	83.0	83.0	91.0	89.5
52.0	57.5	60.0	63.1	68.0	69.4	76.0	76.6	84.0	83.9	92.0	89.5
53.0	58.2	61.0	63.9	69.0	70.3	77.0	77.5	85.0	84.9	93.0	89.5
54.0	58.9	62.0	64.6	70.0	71.2	78.0	78.4	86.0	85.8	94.0	89.5

EXHIBIT #22

R.F. EMISSION COMPLIANCE STATEMENT

Minnesota Public Radio
New Station Application
Redwood Falls, MN
October 2007

CH 201A 2.1 kW H & V

The applicant proposes the use of existing registered tower ASR #1024041, constructed in 1970. Since this tower was built prior to March, 2001, it was deemed excluded from environmental testing.

The proposed four-bay, circularly polarized antenna will be energized such that it produces 2.1 kW effective radiated power from a center of radiation of 80 meters above ground. Using the formulas expressed in the OET Bulletin, No. 65, August 1997, "Evaluating Compliance with F.C.C. Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", published by the Federal Communication Commission's Office of Science and Engineering, and then by applying a combination of the element and array pattern as defined in E.P.A. study PB85-245868 ("**Engineering Assessment of the Potential Impact of the Federal Radiation Protection Guidance on the AM, FM and TV Broadcast Services**") the predicted level of RF non-ionization emissions at a position of 2 meters above ground (head-height) at the base of the tower for the proposed 4-bay Shively 6813 (Type #6) antenna is 0.115 microwatts per square centimeter, which is 0.01 percent of the maximum for a controlled area and 0.06 percent of maximum for an uncontrolled area.

Since the predicted level of emissions is less than 1% of maximum, no further calculations were deemed necessary.

The applicant will protect workers on the tower by either reducing ERP or terminating transmission.

Consequently, it appears that the proposed FM station will be in full compliance with the Commission's human exposure to radiofrequency electromagnetic field rules and regulations.