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. BPED - 20070831ACI

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 KLNI	Facility Identifier 42932
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 and/or window number:		○ Yes ◉ No

4 **Application Purpose**

○ New station	○ Major Modification of construction permit
○ Major Change in licensed facility	○ Minor Modification of construction permit
◉ Minor Change in licensed facility	○ 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: DECORAH State: IA	
(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	◉ Yes ○ No

	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.	
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 - [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] 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	○ Yes ○ No See Explanation in [Exhibit 6]

	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.	
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 47 C.F.R. Section 73.3580.	○ Yes ○ No
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.	○ Yes ○ No
	a. Applicant certifies that the proposed modification will not downgrade service to the area on which the Section 307(b) preference was based.	○ Yes ○ No
	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
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	○ Yes ○ No

	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 [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):	
	Population served based on the most recent census block data from the United States Bureau of Census using the centroid method:	

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. (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. (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 8/31/2007

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 8/27/2007	
Mailing Address DOUG VERNIER TELECOMMUNICATIONS 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: 204
2.	Class (select one): ○ D ◉ A ○ B1 ○ B ○ C3 ○ C2 ○ C1 ○ C0 ○ C

3.	Antenna Location Coordinates: (NAD 27) Latitude: Degrees 43 Minutes 18 Seconds 56.1 (•) North ( ) South Longitude: Degrees 91 Minutes 47 Seconds 17.5 (•) West ( ) East
4.	Proposed Assignment Coordinates: (NAD 27) - RESERVED CHANNELS ABOVE 220 ONLY [x] Not Applicable Latitude: Degrees Minutes Seconds ( ) North ( ) South Longitude: Degrees Minutes Seconds ( ) West ( ) East
5.	Antenna Structure Registration Number: 1017698 [ ] Not Applicable [ ] Notification filed with FAA
6.	Overall Tower Height Above Ground Level: 102.1 meters
7.	Height of Radiation Center Above Mean Sea Level: 389.7 meters(H) 389.7 meters(V)
8.	Height of Radiation Center Above Ground Level: 43.2 meters(H) 43.2 meters(V)
9.	Height of Radiation Center Above Average Terrain: 55 meters(H) 55 meters(V)
10.	Effective Radiated Power: 1.5 kW(H) 1.5 kW(V)
11.	Maximum Effective Radiated Power: (Beam-Tilt Antenna ONLY) [x] Not Applicable kW(H) kW(V)
12.	Directional Antenna Relative Field Values: [x] 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 sections. Check all that apply:	(•) Yes ( ) No See Explanation in [Exhibit 15]
	Contour Overlap Requirements. a. [x] 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 1
Description: ENGINEERING STATEMENT

Attachment 1

Description
Exhibit #1, Engineering Statement

Exhibit 13
Description: MAIN STUDIO LOCATION

Attachment 13

Description

Exhibit #13, Main Studio Location

Exhibit 14
Description: COMMUNITY COVERAGE

Attachment 14

Description
Exhibit #14, Community Coverage

Exhibit 16
Description: CONTOUR OVERLAP REQUIREMENTS

Attachment 16

Description
Exhibit #16, Contour Overlap Requirements

Exhibit 19
Description: TELEVISION CHANNEL 6 PROTECTION

Attachment 19

Description
Exhibit #19, Television Channel 6 Protection

Exhibit 22
Description: ENVIRONMENTAL PROTECTION ACT

Attachment 22

Description
Exhibit #22, Environmental Protection Act

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

EXHIBIT #1
ENGINEERING STATEMENT

Minnesota Public Radio
Minor Change to Licensed Station
KLNI
BLED-19931202KA
Decorah, IA

August 2007

CH 204A 1.5 kW H & V Omni

This engineering statement supports application filed by Minnesota Public Radio to make a minor change to licensed NCE FM station KLNI, Decorah, Iowa.

The applicant proposes to move the transmitter location, increase effective radiated power, and increase the antenna height above mean sea level and average terrain. No other changes are being proposed at this time.

Exhibit #13 consists of a request to continue the main studio location waiver previously granted to KLNI under license BLED-19931202KA.

Exhibit #14 shows that the proposed facility meets the community coverage requirements of Section 73.515.

A total of 8 evenly spaced radials were used to determine the antenna height above average terrain. The National Elevation Dataset (NED) 03 arc second database was employed to determine the elevations along the radials that were averaged using the required four-point interpolation method. The resulting averaged radial antenna heights were employed using the Commission's own TVFMINT algorithm to project the distances to signal contours. A map of the proposed 60 dBu contour, with cardinal radials is included on page #2. A tabular listing of the distance to the 60 dBu contour can be found on page #3 of this exhibit.

Exhibit #16 is an Allocation Report showing that there is no prohibited contour overlap with any existing license, construction permit or application.

Exhibit #19 Is a study of the protection required to the only two television channel six stations within the 235 kilometer cutoff distance for an FM station on channel 204. Those stations are KAAL, Austin, 100 kW at 300 meters HAAT and KWQC-TV, Davenport, 100 kW at 408 meters HAAT. The proposed facility meets all projection

requirements of Section 73.525.

The applicant proposes the use of registered tower ASR #1017698, constructed in June 2001. The applicant has assurance from the tower owner that all necessary environmental testing has been completed and the tower is compliant with all rules regarding environmental protection.

Exhibit #22 is an R.F. emissions compliance statement, showing that workers and the general public are protected from excess radio frequency emissions.

The proposed station is not within the specific critical distances to the US border with Canada or Mexico, AM broadcast towers, FCC monitoring stations, Table Mountain and the West Virginia Quiet Zone. The applicant is aware of its responsibility under the rules to correct any blanketing interference it may cause within the period of one year from commencement of transmissions of newly authorized facilities.

Page #3 of Exhibit #1 is a statement of the qualifications of the preparer.

Kate Michler

Declaration:

I, Katherine A. Michler, have received a Bachelor of Science degree from the University of Northern Iowa, and;

That, I declare that I have received training as a technical consultant as a member of the staff of Doug Vernier Telecommunications Consultants, and;

That, I have been a member of the firm for over nine years, and;

That, my qualifications are a matter of record with the Federal Communications Commission, and;

That, I am an Associate Member (#20792) of the Society of Broadcast Engineers, Indianapolis, Indiana, and;

That, the consulting firm of Doug Vernier Telecommunications Consultants has been retained by Minnesota Public Radio, and;

That, I have personally prepared these engineering showings, the technical information contained in same and the facts stated within are true to my knowledge, and;

That, under penalty of perjury, I declare that the foregoing is correct.


Katherine A. Michler

Executed on August 27, 2007

EXHIBIT #13
MAIN STUDIO LOCATION

Minnesota Public Radio
Minor Change to Licensed Station
KLNI
BLED-19931202KA
Decorah, IA

August 2007

CH 204A 1.5 kW H & V Omni

KLNI has been granted a waiver of Section 73.1125 under license BLED-19931202KA, to allow operation as a satellite station of KNOW-FM, Minneapolis – St. Paul, Minnesota.

Minnesota Public Radio respectfully requests a continuation of that waiver.

EXHIBIT #14
COMMUNITY COVERAGE

Minnesota Public Radio
Minor Change to Licensed Station
KLNI
BLED-19931202KA
Decorah, IA

August 2007

CH 204A 1.5 kW H & V Omni

KLNI operates on Channel 204, a reserved channel. According to Section 73.515, a minimum field strength of 1 mv/m (60 dBu) must be provided over at least 50% of its community of license or reach 50% of the population within the community. The map on page #2 shows the 60 dBu contour of the proposed KLNI change. Decorah, the city of license, is shown to be within this contour.

Page #3 is a distance to 60 dBu contour table of the proposed KLNI facility.

KLNI(New) - Decorah - 60 dBu Coverage

KLNI(New) - Decorah

Latitude: 43-18-56.10 N
Longitude: 091-47-17.50 W
ERP: 1.50 kW
Channel: 204
Frequency: 88.7 MHz
AMSL Height: 389.7 m
HAAT: 55.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Pop = 12,888

8/24/2007

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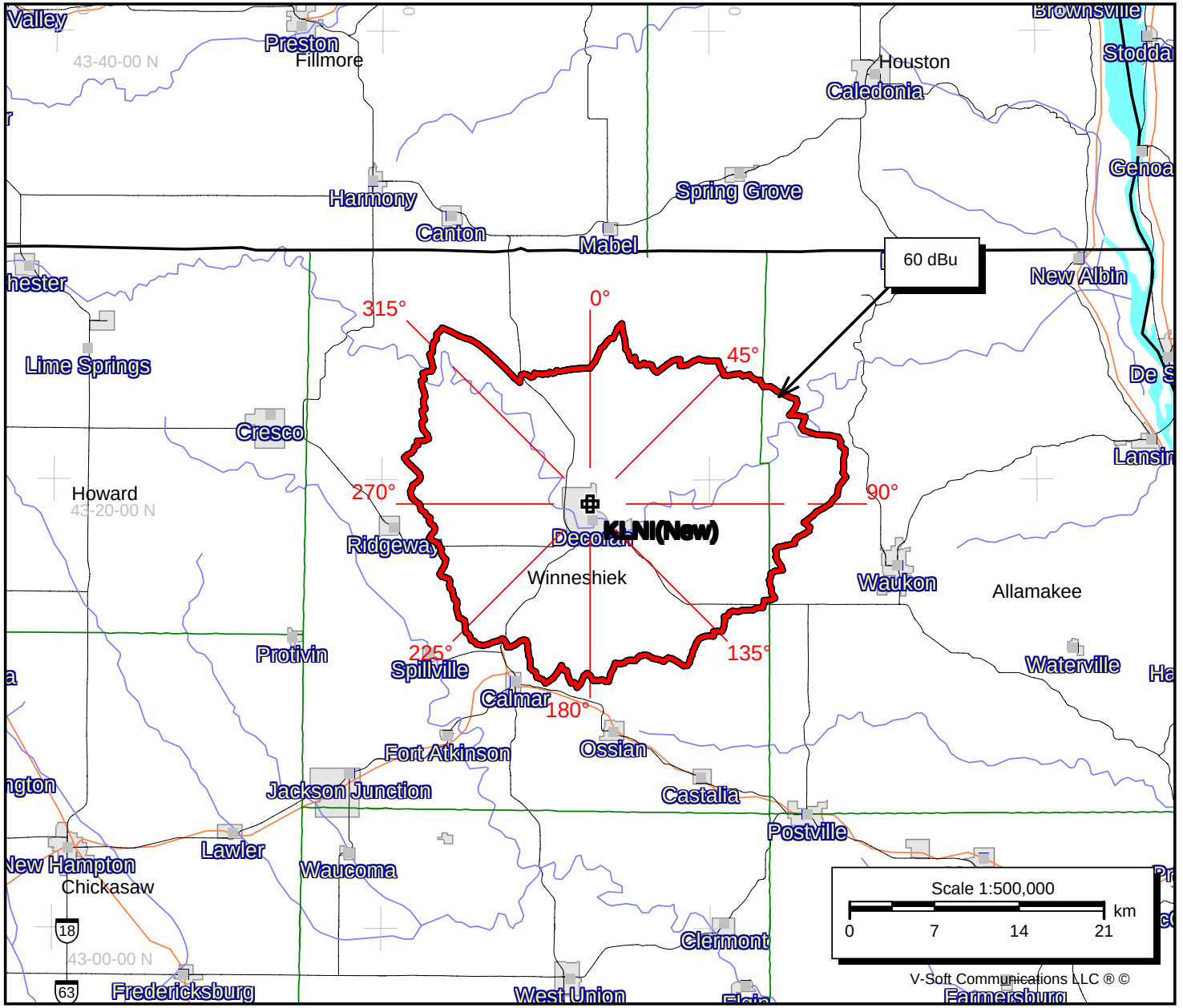
(319) 266-8402
Telecommunications Consultants



N. Lat. = 431856.1 W. Lng. = 914717.5
HAAT and Distance to Contour - FCC Method - NED 03 SEC
KLNI (New) - Distance to 60 dBu Contour

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	360.5	29.2	1.5000	1.76	1.000	11.21
010	334.2	55.5	1.5000	1.76	1.000	15.10
020	353.4	36.3	1.5000	1.76	1.000	12.18
030	344.0	45.7	1.5000	1.76	1.000	13.64
040	332.0	57.7	1.5000	1.76	1.000	15.41
050	324.2	65.5	1.5000	1.76	1.000	16.44
060	310.1	79.6	1.5000	1.76	1.000	18.25
070	307.5	82.2	1.5000	1.76	1.000	18.56
080	283.4	106.3	1.5000	1.76	1.000	21.24
090	296.9	92.8	1.5000	1.76	1.000	19.81
100	318.5	71.2	1.5000	1.76	1.000	17.19
110	325.7	64.0	1.5000	1.76	1.000	16.24
120	323.4	66.3	1.5000	1.76	1.000	16.56
130	338.5	51.2	1.5000	1.76	1.000	14.47
140	339.2	50.5	1.5000	1.76	1.000	14.37
150	331.9	57.8	1.5000	1.76	1.000	15.43
160	346.5	43.2	1.5000	1.76	1.000	13.26
170	345.7	44.0	1.5000	1.76	1.000	13.38
180	340.6	49.1	1.5000	1.76	1.000	14.17
190	344.7	45.0	1.5000	1.76	1.000	13.53
200	338.9	50.8	1.5000	1.76	1.000	14.42
210	344.0	45.7	1.5000	1.76	1.000	13.65
220	336.1	53.6	1.5000	1.76	1.000	14.83
230	340.3	49.4	1.5000	1.76	1.000	14.21
240	345.7	44.0	1.5000	1.76	1.000	13.38
250	349.1	40.6	1.5000	1.76	1.000	12.86
260	347.9	41.8	1.5000	1.76	1.000	13.05
270	341.1	48.6	1.5000	1.76	1.000	14.09
280	339.7	50.0	1.5000	1.76	1.000	14.29
290	333.7	56.0	1.5000	1.76	1.000	15.17
300	329.9	59.8	1.5000	1.76	1.000	15.70
310	319.4	70.3	1.5000	1.76	1.000	17.07
320	304.2	85.5	1.5000	1.76	1.000	18.96
330	357.2	32.5	1.5000	1.76	1.000	11.59
340	358.7	31.0	1.5000	1.76	1.000	11.36
350	362.3	27.4	1.5000	1.76	1.000	11.21

Ave El= 334.70 M HAAT= 55.00 M AMSL= 389.7 M

Exhibit #16

Minnesota Public Radio - KLNI
KLNI (New) Minor Change Application

REFERENCE CH# 204A - 88.7 MHz, Pwr= 1.5 kW, HAAT= 55.0 M, COR= 389.7 M DISPLAY DATES
43 18 56.1 N. Average Protected F(50-50)= 15.03 km DATA 08-24-07
91 47 17.5 W. SEARCH 08-24-07

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*
204A KLNI Decorah	LIC _CN IA	248.2 68.2	1.76 BLED19931202KA	43 18 35.0 91 48 30.0	0.100 -11	18.6 324	5.6 Minnesota Public Radio	-29.66*<	-51.75*<
06-2C KAAL Austin	LI _HN MN	288.0 107.0	115.80 BLCT2236	43 37 42.0 93 09 12.0	100.000 320	696	105.8 Kaal-tv, Llc	125.6R	-9.8M
205C2 WLSU La Crosse	LIC DCX WI	31.7 212.0	64.06 BLED20030624ABF	43 48 17.0 91 22 06.0	8.200 283	45.9 546	30.3 Board Of Regents, Univ. Of	4.16	12.78
205C3 KWVI Waverly	LIC DVX IA	212.2 31.9	69.08 BLED20060417AFI	42 47 21.0 92 14 22.0	20.000 84	49.1 400	30.6 American Family Associatio	6.75	18.80
206A DKPVL. Postville	CP DCX IA	144.3 324.4	31.04 BPED20060214ABU	43 05 20.0 91 33 54.0	3.000 75	1.9 408	18.5 Postville Chamber Of Comme	14.47	10.91
206A DKPVL Postville	LIC _CX IA	144.3 324.4	31.04 BLED20030312AUW	43 05 20.0 91 33 54.0	0.250 75	1.1 408	9.9 Postville Chamber Of Comme	15.24	19.49
203C1 KBDC Mason City	LIC _VX IA	273.4 92.4	120.65 BLED20061101ACW	43 22 12.0 93 16 27.0	68.000 141	82.0 514	54.5 American Family Associatio	23.88	44.04
204A KMSE Rochester	LIC _EX MN	331.4 151.0	92.09 BLED20060814AAK	44 02 28.0 92 20 25.0	0.250 171	50.6 522	15.3 Minnesota Public Radio	29.51	32.55
204B WERN Madison	LIC DCN WI	98.2 279.8	185.44 BLED19951026KA	43 03 21.0 89 32 06.0	20.500 385	122.1 686	50.2 State Of Wisconsin - Educa	45.63	74.89
257C3 KWNO-FM Rushford	LIC ZCN MN	4.5 184.6	69.84 BLH19950130KC	43 56 32.0 91 43 09.0	11.000 151	2.0 481	12.5 Kage, Inc	11.5R	58.3M
201C2 WJTY Lancaster	LIC _EN WI	109.7 290.6	117.67 BLED19970416KC	42 57 08.0 90 25 47.0	50.000 145	5.6 470	49.7 Family Life Broadcasting,	95.60	66.35
205A 980319MP Cascade	CP _VN IA	142.1 322.7	113.20 BPED19980319MP	42 30 34.0 90 56 25.0	2.250 103	27.5 408	18.8 Cascade Community Radio In	71.27	72.85
204C3 KRFH Marshalltown	CP _CN IA	214.2 33.4	166.54 BPED19980417MH	42 04 17.0 92 55 19.0	8.300 29	76.1 319	17.2 Marshalltown Education Plu	76.75	98.30
257A KWAY-FM Waverly	LIC _CX IA	219.5 39.0	87.95 BMLH20020114AAB	42 42 13.0 92 28 21.0	4.600 55	2.0 348	12.5 Ael Suhr Enterprises, Inc.	9.5R	78.4M
201C3 KBBG Waterloo	LIC _CN IA	206.2 25.8	99.34 BLED19960329KC	42 30 45.0 92 19 24.0	9.500 47	1.8 320	17.9 Afro American Community Br	85.05	79.86
06+2C KWQCTV Davenport	LI _HY IA	150.9 331.7	224.17 BLCT19821108KN	41 32 49.0 90 28 35.0	100.000 408	611	109.6 Young Broadcasting Of Dave	129.2R	95.0M
201A AP2227 Byron	APP _V_ MN	321.2 140.6	114.86 BNPED20000118AES	44 06 59.0 92 41 22.0	0.170 153	0.9 507	14.5 Pensacola Christian Colleg	95.73	98.65
203A KIAD Dubuque	LIC DVX IA	135.2 316.0	141.98 BLED20060424ADO	42 24 16.0 90 34 12.0	0.750 158	30.2 435	20.3 American Family Associatio	97.02	99.53
257A KDST Dyersville	LIC _CN IA	154.4 334.8	109.14 BLH19840919DR	42 25 43.0 91 12 50.0	3.000 91	2.0 392	12.5 Design Homes, Inc.	9.5R	99.6M

Terrain database is NED 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)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
"<" = Contour Overlap

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.

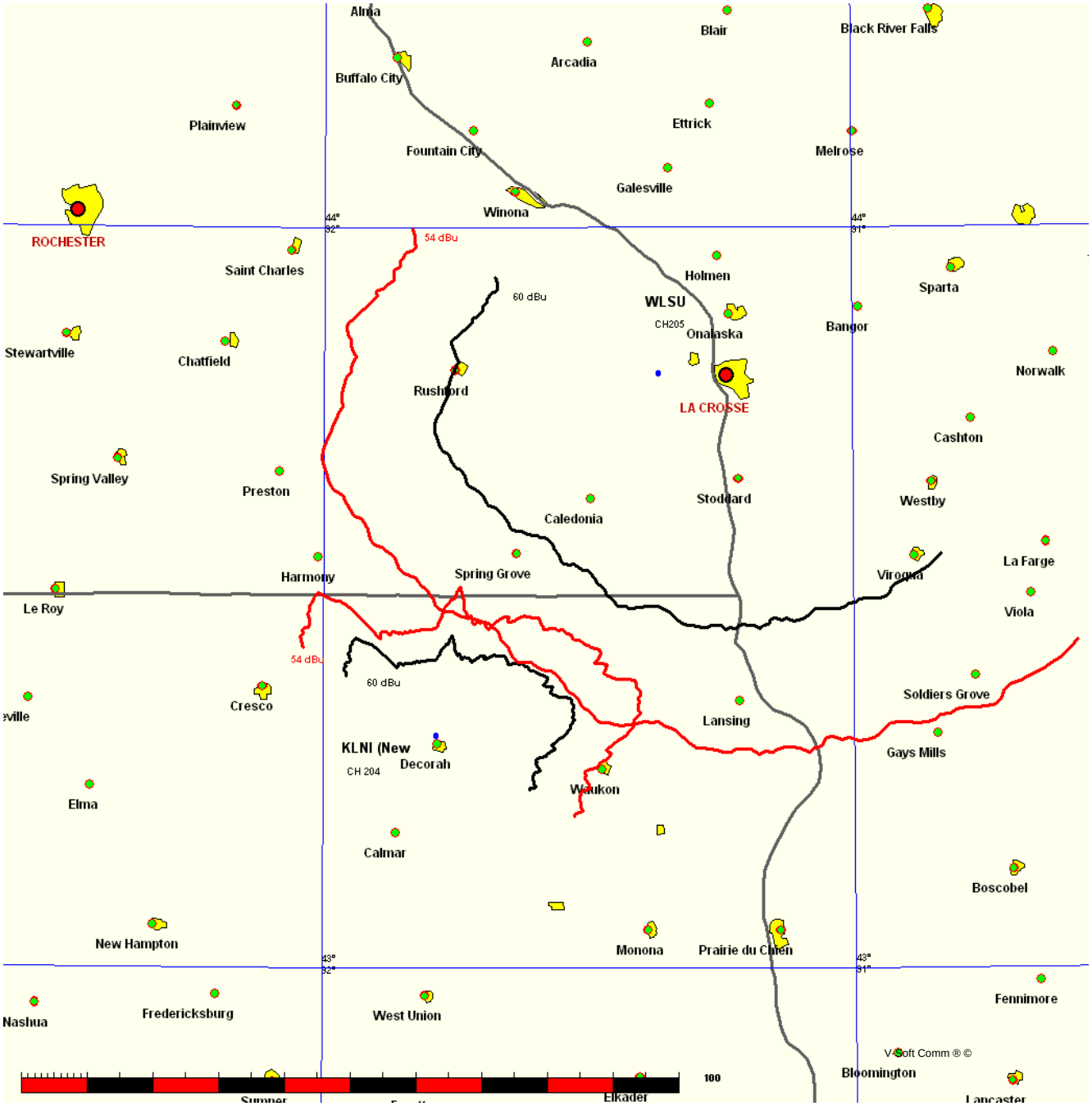
For I.F. relationships the "IN" and "OUT" columns change their significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column follows the **available clear space** separation in kilometers. Minimum separation distances when displayed are 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”.

FMCommander Single Allocation Study
08-24-2007

KLNI (New CH 204 A
1.5 kW 389.7 M COR
Prot. = 60 dBu
Intef. = 54 dBu

WLSU CH 205 C2 BLED20030624ABF
8.2 kW, 546 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu



KLNI (New
Channel = 204A
Max ERP = 1.5 kW
RCAMSL = 389.7 M
N. Lat. 43 18 56.1
W. Lng. 91 47 17.5
Protected
60 dBu

WLSU BLED20030624ABF
Channel = 205C2
Max ERP = 8.2 kW
RCAMSL = 546 M
N. Lat. 43 48 17.0
W. Lng. 91 22 06.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
332.0	001.5000	0035.6	012.1	222.2	001.4228	0267.9	058.9	49.80
333.0	001.5000	0035.3	012.0	222.1	001.4230	0266.5	058.8	49.82
334.0	001.5000	0034.2	011.9	221.9	001.4233	0264.1	058.6	49.78
335.0	001.5000	0032.1	011.5	221.5	001.4238	0262.3	058.6	49.74
336.0	001.5000	0032.0	011.5	221.4	001.4240	0261.5	058.4	49.79
337.0	001.5000	0033.3	011.7	221.5	001.4238	0262.3	058.1	49.92
338.0	001.5000	0032.5	011.6	221.3	001.4241	0260.7	058.0	49.92
339.0	001.5000	0031.9	011.5	221.1	001.4243	0259.4	057.9	49.92
340.0	001.5000	0031.0	011.4	220.9	001.4246	0257.8	057.7	49.91
341.0	001.5000	0031.1	011.4	220.8	001.4247	0257.3	057.6	49.97
342.0	001.5000	0030.4	011.3	220.6	001.4250	0256.7	057.5	49.99
343.0	001.5000	0031.0	011.4	220.6	001.4250	0256.7	057.2	50.08
344.0	001.5000	0029.6	011.2	220.4	001.4254	0256.6	057.2	50.11
345.0	001.5000	0028.7	011.2	220.3	001.4255	0256.6	057.0	50.17
346.0	001.5000	0030.9	011.3	220.3	001.4255	0256.6	056.8	50.26
347.0	001.5000	0030.1	011.2	220.1	001.4258	0256.2	056.7	50.29
348.0	001.5000	0028.4	011.2	219.9	001.4261	0255.8	056.5	50.33
349.0	001.5000	0026.7	011.2	219.8	001.4263	0255.4	056.4	50.38
350.0	001.5000	0027.4	011.2	219.7	001.4266	0254.8	056.2	50.42
351.0	001.5000	0027.6	011.2	219.5	001.4268	0254.2	056.1	50.46
352.0	001.5000	0024.7	011.2	219.4	001.4271	0253.8	055.9	50.51
353.0	001.5000	0024.2	011.2	219.3	001.4274	0253.7	055.8	50.56
354.0	001.5000	0023.7	011.2	219.1	001.4277	0253.8	055.6	50.62
355.0	001.5000	0023.9	011.2	219.0	001.4280	0253.8	055.5	50.68
356.0	001.5000	0026.0	011.2	218.8	001.4283	0253.9	055.4	50.73
357.0	001.5000	0027.1	011.2	218.7	001.4286	0253.6	055.2	50.78
358.0	001.5000	0028.4	011.2	218.5	001.4289	0252.6	055.1	50.80
359.0	001.5000	0028.6	011.2	218.4	001.4292	0251.3	055.0	50.80
000.0	001.5000	0029.2	011.2	218.2	001.4296	0249.8	054.9	50.80
001.0	001.5000	0031.8	011.5	218.2	001.4296	0249.9	054.5	50.94
002.0	001.5000	0033.4	011.7	218.2	001.4296	0249.7	054.2	51.06
003.0	001.5000	0036.7	012.2	218.3	001.4293	0251.0	053.7	51.32
004.0	001.5000	0040.7	012.9	218.5	001.4289	0252.6	053.0	51.64
005.0	001.5000	0041.9	013.1	218.4	001.4291	0251.9	052.7	51.73
006.0	001.5000	0044.7	013.5	218.5	001.4290	0252.2	052.3	51.94
007.0	001.5000	0046.4	013.8	218.4	001.4292	0251.6	051.9	52.06
008.0	001.5000	0046.7	013.8	218.2	001.4296	0249.8	051.7	52.06

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
009.0	001.5000	0052.9	014.7	218.5	001.4290	0252.2	050.8	52.52
010.0	001.5000	0055.5	015.1	218.4	001.4291	0251.8	050.4	52.69
011.0	001.5000	0050.1	014.3	217.7	001.4305	0245.9	050.9	52.26
012.0	001.5000	0047.0	013.8	217.3	001.4315	0243.6	051.2	52.05
013.0	001.5000	0042.2	013.1	216.7	001.4327	0241.8	051.8	51.75
014.0	001.5000	0041.3	013.0	216.4	001.4333	0241.0	051.9	51.70
015.0	001.5000	0038.8	012.6	216.0	001.4341	0240.7	052.2	51.58
016.0	001.5000	0037.4	012.3	215.7	001.4347	0239.9	052.3	51.50
017.0	001.5000	0039.3	012.7	215.6	001.4350	0239.4	051.9	51.63
018.0	001.5000	0036.7	012.3	215.2	001.4357	0237.6	052.2	51.43
019.0	001.5000	0035.5	012.1	214.9	001.4363	0236.0	052.4	51.32
020.0	001.5000	0036.3	012.2	214.8	001.4367	0235.2	052.2	51.36
021.0	001.5000	0038.0	012.5	214.6	001.4370	0234.7	051.9	51.47
022.0	001.5000	0037.6	012.4	214.3	001.4375	0234.2	051.9	51.45
023.0	001.5000	0038.4	012.5	214.1	001.4379	0233.7	051.7	51.50
024.0	001.5000	0038.5	012.5	213.9	001.4384	0233.5	051.7	51.51
025.0	001.5000	0037.2	012.3	213.6	001.4390	0233.8	051.8	51.46
026.0	001.5000	0036.5	012.2	213.4	001.4395	0234.5	051.9	51.45
027.0	001.5000	0036.3	012.2	213.1	001.4400	0235.0	051.9	51.48
028.0	001.5000	0039.4	012.7	213.0	001.4404	0235.2	051.4	51.68
029.0	001.5000	0042.6	013.2	212.7	001.4408	0235.3	050.9	51.90
030.0	001.5000	0045.7	013.6	212.5	001.4413	0235.4	050.4	52.11
031.0	001.5000	0047.3	013.9	212.2	001.4419	0235.7	050.2	52.22
032.0	001.5000	0048.3	014.0	212.0	001.4424	0236.5	050.0	52.31
033.0	001.5000	0045.6	013.6	211.7	001.4430	0237.5	050.4	52.19
034.0	001.5000	0046.5	013.8	211.4	001.4436	0240.0	050.3	52.34
035.0	001.5000	0048.1	014.0	211.1	001.4442	0243.4	050.1	52.56
036.0	001.5000	0051.9	014.6	210.8	001.4449	0245.9	049.5	52.87
037.0	001.5000	0054.6	015.0	210.4	001.4456	0247.6	049.2	53.08
038.0	001.5000	0055.2	015.1	210.1	001.4462	0247.6	049.1	53.11
039.0	001.5000	0056.3	015.2	209.8	001.4510	0247.2	049.0	53.15
040.0	001.5000	0057.7	015.4	209.4	001.4582	0247.3	048.8	53.24
041.0	001.5000	0059.5	015.7	209.1	001.4659	0248.0	048.6	53.36
042.0	001.5000	0060.9	015.8	208.7	001.4735	0249.3	048.5	53.48
043.0	001.5000	0059.6	015.7	208.4	001.4790	0250.5	048.8	53.44
044.0	001.5000	0058.5	015.5	208.2	001.4845	0252.7	049.0	53.45
045.0	001.5000	0058.3	015.5	207.9	001.4906	0255.2	049.1	53.51
046.0	001.5000	0057.0	015.3	207.6	001.4955	0256.7	049.3	53.48
047.0	001.5000	0058.5	015.5	207.3	001.5034	0258.7	049.2	53.61
048.0	001.5000	0062.0	016.0	206.8	001.5138	0259.4	048.9	53.80
049.0	001.5000	0064.9	016.4	206.3	001.5239	0258.1	048.6	53.89
050.0	001.5000	0065.5	016.4	206.0	001.5312	0257.0	048.7	53.85
051.0	001.5000	0069.3	016.9	205.4	001.5432	0254.4	048.3	53.93
052.0	001.5000	0069.4	016.9	205.1	001.5499	0252.6	048.5	53.83
053.0	001.5000	0070.2	017.1	204.7	001.5578	0250.5	048.5	53.77
054.0	001.5000	0072.6	017.4	204.2	001.5684	0247.4	048.4	53.74
055.0	001.5000	0072.0	017.3	204.0	001.5739	0245.4	048.6	53.59
056.0	001.5000	0072.0	017.3	203.7	001.5805	0244.1	048.8	53.50
057.0	001.5000	0075.8	017.8	203.0	001.5938	0245.5	048.5	53.68
058.0	001.5000	0077.0	017.9	202.6	001.6024	0245.9	048.6	53.70
059.0	001.5000	0077.8	018.0	202.3	001.6106	0245.9	048.7	53.68

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
060.0	001.5000	0079.6	018.3	201.8	001.6206	0245.3	048.7	53.68
061.0	001.5000	0081.6	018.5	201.3	001.6308	0244.1	048.7	53.65
062.0	001.5000	0083.5	018.7	200.9	001.6410	0243.8	048.8	53.66
063.0	001.5000	0086.5	019.1	200.3	001.6536	0241.0	048.7	53.61
064.0	001.5000	0085.9	019.0	200.1	001.6586	0239.8	049.0	53.46
065.0	001.5000	0083.0	018.7	200.1	001.6585	0239.8	049.5	53.27
066.0	001.5000	0077.8	018.0	200.4	001.6525	0241.3	050.1	53.04
067.0	001.5000	0082.9	018.7	199.6	001.6758	0239.1	049.9	53.09
068.0	001.5000	0087.2	019.2	198.9	001.7014	0239.8	049.9	53.22
069.0	001.5000	0084.8	018.9	198.9	001.7015	0239.8	050.3	53.05
070.0	001.5000	0082.2	018.6	198.9	001.6998	0239.8	050.7	52.86
071.0	001.5000	0082.9	018.7	198.6	001.7112	0240.4	050.9	52.83
072.0	001.5000	0086.6	019.1	198.0	001.7345	0243.1	050.9	52.99
073.0	001.5000	0090.7	019.6	197.4	001.7594	0246.5	050.9	53.17
074.0	001.5000	0099.8	020.6	196.2	001.8040	0250.6	050.7	53.53
075.0	001.5000	0106.3	021.2	195.3	001.8370	0253.6	050.7	53.73
076.0	001.5000	0107.2	021.3	195.0	001.8485	0252.5	050.9	53.60
077.0	001.5000	0106.2	021.2	194.9	001.8522	0252.4	051.3	53.45
078.0	001.5000	0109.2	021.5	194.5	001.8709	0251.9	051.5	53.40
079.0	001.5000	0108.2	021.4	194.4	001.8745	0252.1	051.9	53.26
080.0	001.5000	0106.3	021.2	194.4	001.8739	0252.1	052.3	53.09
081.0	001.5000	0105.8	021.2	194.3	001.8783	0252.4	052.7	52.97
082.0	001.5000	0105.3	021.1	194.2	001.8822	0253.0	053.0	52.85
083.0	001.5000	0104.2	021.0	194.1	001.8836	0253.2	053.4	52.70
084.0	001.5000	0106.4	021.2	193.8	001.8975	0256.2	053.7	52.73
085.0	001.5000	0102.9	020.9	194.0	001.8888	0254.1	054.1	52.45
086.0	001.5000	0099.8	020.6	194.2	001.8808	0252.8	054.6	52.21
087.0	001.5000	0098.9	020.5	194.2	001.8816	0252.9	054.9	52.06
088.0	001.5000	0098.3	020.4	194.2	001.8832	0253.1	055.3	51.93
089.0	001.5000	0095.0	020.1	194.4	001.8730	0252.0	055.7	51.69
090.0	001.5000	0092.8	019.8	194.6	001.8669	0251.8	056.1	51.51
091.0	001.5000	0088.3	019.3	195.0	001.8504	0252.4	056.6	51.31
092.0	001.5000	0083.3	018.7	195.5	001.8306	0254.3	057.1	51.14

WLSU BLED20030624ABF
Channel = 205C2
Max ERP = 8.2 kW
RCAMSL = 546 M
N. Lat. 43 48 17.0
W. Lng. 91 22 06.0
Protected
60 dBu

KLNI (New
Channel = 204A
Max ERP = 1.5 kW
RCAMSL = 389.7 M
N. Lat. 43 18 56.1
W. Lng. 91 47 17.5
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
152.0	004.9124	0267.7	041.8	071.7	001.5000	0086.0	056.5	42.12
153.0	004.8114	0267.5	041.6	071.7	001.5000	0085.8	055.7	42.38
154.0	004.7114	0260.3	041.0	071.1	001.5000	0083.6	054.9	42.50
155.0	004.6125	0259.2	040.8	071.0	001.5000	0082.8	054.1	42.70
156.0	004.5146	0270.5	041.3	071.6	001.5000	0085.7	053.5	43.17
157.0	004.4178	0271.8	041.2	071.6	001.5000	0085.6	052.7	43.43
158.0	004.3220	0277.9	041.4	071.9	001.5000	0086.3	052.0	43.74
159.0	004.2273	0268.8	040.7	071.1	001.5000	0083.4	051.3	43.77
160.0	004.1336	0265.8	040.3	070.7	001.5000	0081.8	050.6	43.89
161.0	004.0410	0263.7	040.0	070.4	001.5000	0081.3	049.9	44.10
162.0	003.9494	0266.3	040.0	070.3	001.5000	0081.4	049.2	44.35
163.0	003.8589	0271.4	040.1	070.5	001.5000	0081.3	048.5	44.59
164.0	003.7694	0269.4	039.8	070.1	001.5000	0081.9	047.8	44.88
165.0	003.6810	0274.2	039.9	070.1	001.5000	0081.7	047.1	45.11
166.0	003.5936	0265.6	039.2	069.2	001.5000	0084.3	046.5	45.57
167.0	003.5073	0266.0	039.0	068.9	001.5000	0085.4	045.8	45.91
168.0	003.4220	0266.3	038.8	068.5	001.5000	0086.5	045.2	46.25
169.0	003.3378	0272.5	039.0	068.6	001.5000	0086.3	044.5	46.50
170.0	003.2546	0273.9	038.9	068.3	001.5000	0086.9	043.8	46.80
171.0	003.1827	0271.1	038.6	067.7	001.5000	0087.9	043.2	47.12
172.0	003.1115	0269.9	038.3	067.1	001.5000	0084.6	042.6	47.05
173.0	003.0412	0270.4	038.2	066.7	001.5000	0080.7	042.0	46.90
174.0	002.9717	0271.5	038.1	066.3	001.5000	0078.9	041.4	46.95
175.0	002.9030	0265.0	037.5	065.2	001.5000	0081.5	041.0	47.40
176.0	002.8351	0256.2	036.8	064.0	001.5000	0085.9	040.6	47.97
177.0	002.7680	0247.8	036.1	062.7	001.5000	0085.2	040.3	48.03
178.0	002.7017	0245.9	035.8	061.9	001.5000	0083.3	039.9	48.03
179.0	002.6362	0244.2	035.5	061.2	001.5000	0081.7	039.5	48.04
180.0	002.5715	0240.3	035.0	060.2	001.5000	0080.4	039.1	48.04
181.0	002.5167	0244.5	035.1	059.8	001.5000	0078.9	038.5	48.12
182.0	002.4625	0246.5	035.1	059.3	001.5000	0077.9	038.0	48.22
183.0	002.4089	0250.3	035.1	058.9	001.5000	0077.9	037.5	48.45
184.0	002.3558	0257.0	035.4	058.6	001.5000	0078.0	036.9	48.73
185.0	002.3034	0261.1	035.4	058.2	001.5000	0077.2	036.3	48.88

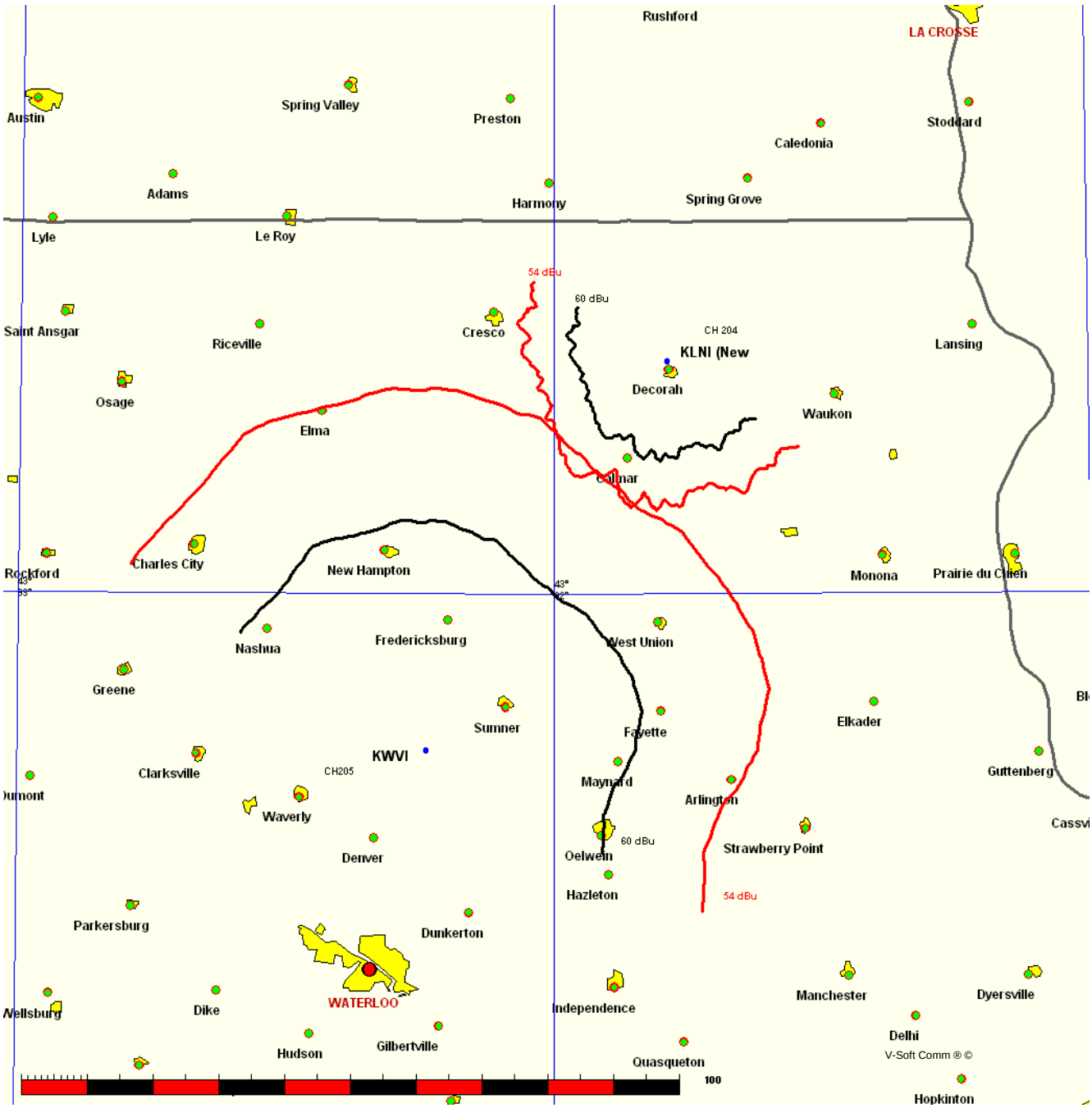
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
186.0	002.2515	0267.1	035.6	057.8	001.5000	0076.8	035.7	49.10
187.0	002.2003	0270.2	035.6	057.2	001.5000	0076.3	035.2	49.25
188.0	002.1496	0271.0	035.5	056.4	001.5000	0073.4	034.8	49.09
189.0	002.0995	0274.7	035.5	055.7	001.5000	0071.5	034.3	49.09
190.0	002.0500	0278.8	035.6	055.1	001.5000	0072.0	033.9	49.36
191.0	002.0092	0269.1	034.9	053.5	001.5000	0072.2	034.0	49.35
192.0	001.9688	0266.8	034.6	052.4	001.5000	0069.6	033.8	49.12
193.0	001.9288	0265.9	034.4	051.3	001.5000	0068.9	033.6	49.13
194.0	001.8893	0254.2	033.5	049.6	001.5000	0065.1	033.9	48.53
195.0	001.8501	0252.4	033.2	048.6	001.5000	0064.3	033.8	48.49
196.0	001.8114	0252.5	033.1	047.6	001.5000	0060.5	033.6	48.08
197.0	001.7730	0246.8	032.5	046.3	001.5000	0056.8	033.8	47.52
198.0	001.7351	0243.2	032.1	045.1	001.5000	0058.5	033.8	47.72
199.0	001.6976	0239.7	031.7	044.0	001.5000	0058.6	033.9	47.69
200.0	001.6605	0239.5	031.6	043.0	001.5000	0059.5	033.9	47.84
201.0	001.6384	0244.0	031.7	042.3	001.5000	0060.8	033.5	48.17
202.0	001.6165	0246.0	031.8	041.4	001.5000	0059.9	033.3	48.15
203.0	001.5947	0245.7	031.6	040.4	001.5000	0058.7	033.2	48.01
204.0	001.5731	0245.7	031.5	039.5	001.5000	0056.7	033.2	47.77
205.0	001.5516	0252.1	031.8	038.7	001.5000	0055.9	032.7	47.83
206.0	001.5303	0257.2	032.0	037.8	001.5000	0055.3	032.4	47.87
207.0	001.5091	0259.4	032.1	036.8	001.5000	0054.2	032.3	47.76
208.0	001.4881	0254.2	031.6	035.8	001.5000	0051.1	032.6	47.12
209.0	001.4672	0248.1	031.2	034.7	001.5000	0047.8	033.0	46.37
210.0	001.4465	0247.5	031.0	033.8	001.5000	0045.4	033.1	45.90
211.0	001.4444	0244.5	030.8	032.8	001.5000	0046.0	033.3	45.94
212.0	001.4423	0236.3	030.3	031.9	001.5000	0048.4	033.8	46.17
213.0	001.4403	0235.1	030.2	031.0	001.5000	0047.3	033.9	45.94
214.0	001.4382	0233.6	030.1	030.1	001.5000	0046.0	034.0	45.65
215.0	001.4362	0236.4	030.3	029.2	001.5000	0043.2	033.9	45.18
216.0	001.4341	0240.7	030.6	028.3	001.5000	0039.9	033.7	44.60
217.0	001.4321	0242.9	030.7	027.3	001.5000	0037.4	033.6	44.10
218.0	001.4300	0248.0	031.0	026.3	001.5000	0036.1	033.5	43.91
219.0	001.4279	0253.8	031.3	025.3	001.5000	0037.0	033.2	44.17
220.0	001.4259	0256.0	031.4	024.3	001.5000	0037.6	033.3	44.29
221.0	001.4245	0258.3	031.6	023.4	001.5000	0038.9	033.3	44.54
222.0	001.4232	0265.1	032.0	022.3	001.5000	0037.3	033.1	44.29
223.0	001.4218	0271.6	032.3	021.1	001.5000	0038.2	032.9	44.54
224.0	001.4204	0272.0	032.3	020.2	001.5000	0036.5	033.1	44.11
225.0	001.4191	0266.6	032.0	019.6	001.5000	0036.4	033.7	43.88
226.0	001.4177	0264.9	031.9	018.8	001.5000	0035.8	034.0	43.62
227.0	001.4163	0263.4	031.8	018.1	001.5000	0036.6	034.4	43.66
228.0	001.4150	0264.5	031.9	017.2	001.5000	0039.7	034.6	44.20
229.0	001.4136	0265.3	031.9	016.4	001.5000	0037.9	034.8	43.74
230.0	001.4122	0263.2	031.8	015.8	001.5000	0037.2	035.3	43.44
231.0	001.4136	0269.5	032.2	014.7	001.5000	0039.9	035.3	43.97
232.0	001.4150	0275.3	032.5	013.6	001.5000	0041.0	035.3	44.17
233.0	001.4163	0277.8	032.7	012.7	001.5000	0043.4	035.6	44.54
234.0	001.4177	0274.7	032.5	012.2	001.5000	0045.6	036.1	44.75
235.0	001.4191	0271.8	032.3	011.7	001.5000	0048.3	036.6	45.03
236.0	001.4204	0273.7	032.5	011.0	001.5000	0050.2	036.9	45.23

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
237.0	001.4218	0276.8	032.6	010.2	001.5000	0054.8	037.2	45.85
238.0	001.4232	0281.7	032.9	009.2	001.5000	0054.1	037.4	45.65
239.0	001.4245	0288.4	033.3	008.2	001.5000	0047.7	037.6	44.54
240.0	001.4259	0292.3	033.5	007.4	001.5000	0046.4	037.9	44.21
241.0	001.4279	0289.9	033.4	007.0	001.5000	0046.4	038.4	44.01
242.0	001.4300	0286.4	033.2	006.8	001.5000	0046.0	039.0	43.71
243.0	001.4321	0287.2	033.3	006.2	001.5000	0045.1	039.5	43.40
244.0	001.4341	0288.1	033.4	005.7	001.5000	0043.8	039.9	43.00
245.0	001.4362	0297.8	033.9	004.6	001.5000	0042.0	040.1	42.59
246.0	001.4382	0299.1	034.0	004.1	001.5000	0041.1	040.6	42.27
247.0	001.4403	0300.9	034.1	003.6	001.5000	0038.8	041.1	41.69
248.0	001.4423	0301.3	034.1	003.2	001.5000	0037.4	041.6	41.25
249.0	001.4444	0301.8	034.2	002.8	001.5000	0035.8	042.1	40.78
250.0	001.4465	0311.3	034.7	001.8	001.5000	0033.3	042.5	40.19
251.0	001.4465	0316.0	034.9	001.2	001.5000	0032.4	043.0	39.87
252.0	001.4465	0318.0	035.0	000.8	001.5000	0031.2	043.5	39.48
253.0	001.4465	0317.5	035.0	000.6	001.5000	0030.7	044.1	39.22
254.0	001.4465	0317.6	035.0	000.4	001.5000	0030.1	044.7	38.94
255.0	001.4465	0318.7	035.1	000.1	001.5000	0029.4	045.3	38.79
256.0	001.4465	0317.4	035.0	360.0	001.5000	0029.2	045.9	38.63
257.0	001.4465	0313.8	034.8	000.0	001.5000	0029.3	046.5	38.48
258.0	001.4465	0307.6	034.5	000.3	001.5000	0029.8	047.2	38.32
259.0	001.4465	0299.0	034.0	000.6	001.5000	0030.8	047.9	38.31
260.0	001.4465	0290.5	033.6	001.0	001.5000	0032.0	048.5	38.38
261.0	001.4465	0284.4	033.2	001.3	001.5000	0032.5	049.2	38.33
262.0	001.4465	0277.1	032.8	001.7	001.5000	0033.1	049.8	38.28
263.0	001.4465	0271.5	032.5	001.9	001.5000	0033.3	050.4	38.18
264.0	001.4465	0263.7	032.0	002.4	001.5000	0033.7	051.0	38.10
265.0	001.4465	0263.1	032.0	002.3	001.5000	0033.6	051.6	37.95
266.0	001.4465	0262.9	031.9	002.3	001.5000	0033.5	052.2	37.81
267.0	001.4465	0259.8	031.8	002.4	001.5000	0033.8	052.7	37.72
268.0	001.4465	0256.1	031.5	002.6	001.5000	0034.7	053.3	37.72
269.0	001.4465	0253.7	031.4	002.7	001.5000	0035.2	053.9	37.67
270.0	001.4465	0245.5	030.9	003.2	001.5000	0037.4	054.4	37.85
271.0	001.4444	0245.2	030.9	003.2	001.5000	0037.4	055.0	37.72
272.0	001.4423	0241.2	030.6	003.4	001.5000	0038.2	055.5	37.70

FMCommander Single Allocation Study
08-24-2007

KLNI (New CH 204 A
1.5 kW 389.7 M COR
Prot. = 60 dBu
Intef. = 54 dBu

KWVI CH 205 C3 BLED20060417AFI
20.0 kW, 400 M COR DA
Prot. = 60 dBu
Intef. = 54 dBu



KLNI (New
Channel = 204A
Max ERP = 1.5 kW
RCAMSL = 389.7 M
N. Lat. 43 18 56.1
W. Lng. 91 47 17.5
Protected
60 dBu

KWVI BLED20060417AFI
Channel = 205C3
Max ERP = 20 kW
RCAMSL = 400 M
N. Lat. 42 47 21.0
W. Lng. 92 14 22.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
152.0	001.5000	0051.3	014.5	043.4	017.3071	0070.2	063.2	49.39
153.0	001.5000	0049.7	014.3	043.1	017.2497	0070.1	063.0	49.41
154.0	001.5000	0049.9	014.3	043.1	017.2386	0070.1	062.7	49.48
155.0	001.5000	0050.4	014.4	043.0	017.2327	0070.1	062.5	49.55
156.0	001.5000	0048.5	014.1	042.7	017.1635	0070.0	062.4	49.56
157.0	001.5000	0047.4	013.9	042.5	017.1174	0070.0	062.2	49.60
158.0	001.5000	0046.2	013.7	042.2	017.0645	0070.0	062.1	49.63
159.0	001.5000	0044.2	013.4	041.9	016.9902	0070.0	062.0	49.63
160.0	001.5000	0043.2	013.3	041.7	016.9443	0070.0	061.9	49.66
161.0	001.5000	0043.0	013.2	041.5	016.9180	0070.1	061.7	49.72
162.0	001.5000	0042.9	013.2	041.4	016.8912	0070.1	061.5	49.77
163.0	001.5000	0043.6	013.3	041.4	016.8885	0070.1	061.2	49.85
164.0	001.5000	0044.6	013.5	041.4	016.8879	0070.1	060.9	49.93
165.0	001.5000	0043.8	013.4	041.2	016.8444	0070.2	060.8	49.97
166.0	001.5000	0043.5	013.3	041.0	016.8103	0070.3	060.6	50.02
167.0	001.5000	0043.5	013.3	040.9	016.7855	0070.4	060.5	50.07
168.0	001.5000	0044.4	013.4	040.9	016.7795	0070.4	060.2	50.15
169.0	001.5000	0044.3	013.4	040.7	016.7487	0070.4	060.0	50.21
170.0	001.5000	0044.0	013.4	040.5	016.7126	0070.5	059.9	50.25
171.0	001.5000	0043.6	013.3	040.4	016.6725	0070.7	059.7	50.29
172.0	001.5000	0046.4	013.8	040.5	016.7092	0070.6	059.3	50.44
173.0	001.5000	0048.6	014.1	040.6	016.7259	0070.5	058.9	50.57
174.0	001.5000	0052.9	014.7	040.9	016.7883	0070.4	058.2	50.77
175.0	001.5000	0052.8	014.7	040.7	016.7519	0070.4	058.1	50.83
176.0	001.5000	0051.6	014.5	040.4	016.6879	0070.6	058.0	50.84
177.0	001.5000	0051.9	014.6	040.3	016.6571	0070.7	057.8	50.91
178.0	001.5000	0051.8	014.6	040.1	016.6172	0070.7	057.6	50.96
179.0	001.5000	0051.9	014.6	039.9	016.6033	0070.8	057.5	51.02
180.0	001.5000	0049.1	014.2	039.5	016.6283	0071.0	057.6	50.99
181.0	001.5000	0047.9	014.0	039.1	016.6452	0071.2	057.6	51.01
182.0	001.5000	0049.3	014.2	039.1	016.6482	0071.2	057.3	51.12
183.0	001.5000	0053.8	014.9	039.3	016.6373	0071.1	056.6	51.34
184.0	001.5000	0056.1	015.2	039.3	016.6383	0071.1	056.2	51.48
185.0	001.5000	0053.5	014.8	038.8	016.6623	0071.5	056.3	51.46
186.0	001.5000	0053.9	014.9	038.6	016.6723	0071.6	056.1	51.54
187.0	001.5000	0051.1	014.5	038.2	016.6968	0072.0	056.4	51.50
188.0	001.5000	0047.3	013.9	037.7	016.7246	0072.0	056.7	51.40

FMOver Analysis

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
189.0	001.5000	0047.3	013.9	037.5	016.7363	0072.0	056.6	51.44
190.0	001.5000	0045.0	013.5	037.1	016.7575	0071.9	056.8	51.36
191.0	001.5000	0049.4	014.2	037.2	016.7523	0071.9	056.1	51.60
192.0	001.5000	0052.8	014.7	037.2	016.7524	0071.9	055.5	51.79
193.0	001.5000	0054.7	015.0	037.1	016.7591	0071.9	055.2	51.91
194.0	001.5000	0056.5	015.3	036.9	016.7668	0071.8	054.8	52.02
195.0	001.5000	0055.0	015.0	036.6	016.7857	0071.5	054.9	51.96
196.0	001.5000	0054.7	015.0	036.3	016.8006	0071.4	054.9	51.98
197.0	001.5000	0054.6	015.0	036.1	016.8148	0071.2	054.8	52.00
198.0	001.5000	0051.9	014.6	035.7	016.8361	0071.0	055.1	51.88
199.0	001.5000	0051.6	014.5	035.4	016.8507	0071.0	055.0	51.90
200.0	001.5000	0050.8	014.4	035.1	016.8663	0071.0	055.1	51.89
201.0	001.5000	0046.6	013.8	034.7	016.8891	0070.9	055.6	51.71
202.0	001.5000	0044.9	013.5	034.4	016.9058	0070.9	055.8	51.64
203.0	001.5000	0042.2	013.1	034.1	016.9235	0070.9	056.2	51.53
204.0	001.5000	0039.5	012.7	033.8	016.9403	0070.9	056.6	51.40
205.0	001.5000	0038.0	012.4	033.5	016.9545	0070.9	056.8	51.34
206.0	001.5000	0038.2	012.5	033.3	016.9663	0070.9	056.7	51.37
207.0	001.5000	0039.7	012.7	033.1	016.9768	0070.9	056.4	51.45
208.0	001.5000	0042.8	013.2	032.9	016.9866	0070.9	055.9	51.62
209.0	001.5000	0044.7	013.5	032.7	016.9983	0070.9	055.6	51.73
210.0	001.5000	0045.7	013.7	032.5	017.0112	0071.1	055.5	51.81
211.0	001.5000	0044.1	013.4	032.2	017.0251	0071.2	055.7	51.74
212.0	001.5000	0043.4	013.3	032.0	017.0385	0071.4	055.8	51.72
213.0	001.5000	0043.2	013.3	031.8	017.0516	0071.6	055.8	51.73
214.0	001.5000	0045.7	013.6	031.5	017.0655	0071.7	055.5	51.87
215.0	001.5000	0047.5	013.9	031.3	017.0800	0071.8	055.2	51.98
216.0	001.5000	0050.2	014.3	031.0	017.0957	0072.0	054.8	52.13
217.0	001.5000	0052.1	014.6	030.7	017.1118	0072.2	054.5	52.24
218.0	001.5000	0053.2	014.8	030.4	017.1276	0072.4	054.4	52.30
219.0	001.5000	0054.0	014.9	030.1	017.1436	0072.7	054.3	52.36
220.0	001.5000	0053.6	014.8	029.8	017.1908	0072.9	054.4	52.35
221.0	001.5000	0054.3	014.9	029.6	017.2695	0073.2	054.4	52.41
222.0	001.5000	0053.2	014.8	029.3	017.3341	0073.2	054.6	52.37
223.0	001.5000	0052.6	014.7	029.1	017.4003	0073.3	054.7	52.34
224.0	001.5000	0053.0	014.7	028.8	017.4759	0073.4	054.7	52.36
225.0	001.5000	0051.8	014.6	028.6	017.5336	0073.4	055.0	52.29
226.0	001.5000	0050.3	014.3	028.4	017.5846	0073.4	055.3	52.21
227.0	001.5000	0049.0	014.1	028.2	017.6350	0073.5	055.5	52.14
228.0	001.5000	0049.3	014.2	028.0	017.7070	0073.6	055.6	52.15
229.0	001.5000	0050.2	014.3	027.7	017.7867	0073.5	055.5	52.18
230.0	001.5000	0049.4	014.2	027.5	017.8402	0073.4	055.7	52.11
231.0	001.5000	0048.7	014.1	027.3	017.8942	0073.2	055.9	52.05
232.0	001.5000	0048.0	014.0	027.1	017.9459	0073.1	056.1	51.98
233.0	001.5000	0046.4	013.7	027.0	017.9781	0073.0	056.5	51.87
234.0	001.5000	0045.4	013.6	026.9	018.0197	0072.9	056.7	51.79
235.0	001.5000	0046.0	013.7	026.6	018.0914	0072.8	056.7	51.79
236.0	001.5000	0045.3	013.6	026.4	018.1370	0072.8	056.9	51.74
237.0	001.5000	0044.8	013.5	026.3	018.1825	0072.9	057.1	51.69
238.0	001.5000	0044.1	013.4	026.1	018.2251	0072.9	057.3	51.64
239.0	001.5000	0044.7	013.5	025.9	018.2945	0073.1	057.4	51.65

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
240.0	001.5000	0044.0	013.4	025.8	018.3333	0073.2	057.6	51.60
241.0	001.5000	0042.8	013.2	025.7	018.3585	0073.2	057.9	51.51
242.0	001.5000	0042.8	013.2	025.5	018.4106	0073.3	058.0	51.49
243.0	001.5000	0044.0	013.4	025.2	018.4925	0073.5	058.0	51.52
244.0	001.5000	0045.6	013.6	024.9	018.5880	0073.7	058.0	51.57
245.0	001.5000	0045.9	013.7	024.6	018.6485	0073.7	058.1	51.56
246.0	001.5000	0043.9	013.4	024.7	018.6410	0073.7	058.5	51.42
247.0	001.5000	0041.9	013.1	024.7	018.6319	0073.7	058.8	51.30
248.0	001.5000	0040.7	012.9	024.7	018.6430	0073.7	059.1	51.20
249.0	001.5000	0039.9	012.7	024.6	018.6641	0073.7	059.4	51.13
250.0	001.5000	0040.6	012.9	024.4	018.7312	0073.8	059.5	51.13
251.0	001.5000	0041.0	012.9	024.2	018.7853	0073.8	059.6	51.10
252.0	001.5000	0041.1	012.9	024.0	018.8310	0073.9	059.7	51.07
253.0	001.5000	0040.3	012.8	024.0	018.8451	0073.9	060.0	50.99
254.0	001.5000	0040.9	012.9	023.8	018.9049	0074.0	060.1	50.98
255.0	001.5000	0040.9	012.9	023.6	018.9432	0074.2	060.3	50.94
256.0	001.5000	0042.1	013.1	023.3	019.0222	0074.3	060.3	50.96
257.0	001.5000	0043.9	013.4	023.0	019.1204	0074.5	060.3	50.99
258.0	001.5000	0045.1	013.5	022.7	019.1991	0074.7	060.4	50.99
259.0	001.5000	0043.7	013.3	022.8	019.1888	0074.7	060.7	50.89
260.0	001.5000	0041.8	013.0	022.9	019.1574	0074.6	061.1	50.77
261.0	001.5000	0041.2	012.9	022.8	019.1673	0074.6	061.3	50.69
262.0	001.5000	0041.6	013.0	022.7	019.2155	0074.7	061.5	50.66
263.0	001.5000	0043.2	013.3	022.4	019.3029	0074.8	061.6	50.67
264.0	001.5000	0043.9	013.4	022.2	019.3575	0074.9	061.7	50.64
265.0	001.5000	0043.0	013.2	022.2	019.3570	0074.9	062.0	50.56
266.0	001.5000	0045.0	013.5	021.8	019.4569	0075.2	062.1	50.58
267.0	001.5000	0045.6	013.6	021.7	019.5073	0075.3	062.2	50.55
268.0	001.5000	0047.7	014.0	021.3	019.6134	0075.6	062.3	50.57
269.0	001.5000	0048.0	014.0	021.2	019.6478	0075.7	062.5	50.52
270.0	001.5000	0048.6	014.1	021.0	019.6966	0075.9	062.7	50.48
271.0	001.5000	0050.9	014.4	020.7	019.8055	0076.2	062.8	50.49
272.0	001.5000	0052.7	014.7	020.4	019.8952	0076.4	063.0	50.49

08-24-2007 NED 03 SEC Terrain Data

KWVI BLED20060417AFI
Channel = 205C3
Max ERP = 20 kW
RCAMSL = 400 M
N. Lat. 42 47 21.0
W. Lng. 92 14 22.0
Protected
60 dBu

KLNI (New
Channel = 204A
Max ERP = 1.5 kW
RCAMSL = 389.7 M
N. Lat. 43 18 56.1
W. Lng. 91 47 17.5
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
332.0	020.0000	0086.9	035.0	242.7	001.5000	0043.3	059.8	37.28
333.0	020.0000	0086.5	034.9	242.6	001.5000	0043.2	059.2	37.41
334.0	020.0000	0086.3	034.9	242.6	001.5000	0043.2	058.6	37.56
335.0	020.0000	0085.7	034.8	242.4	001.5000	0043.0	058.0	37.69
336.0	020.0000	0085.1	034.6	242.3	001.5000	0042.9	057.4	37.83
337.0	020.0000	0084.3	034.5	242.1	001.5000	0042.8	056.8	37.98
338.0	020.0000	0083.8	034.4	241.9	001.5000	0042.8	056.2	38.13
339.0	020.0000	0083.1	034.3	241.7	001.5000	0042.6	055.7	38.26
340.0	020.0000	0082.5	034.1	241.5	001.5000	0042.6	055.1	38.41
341.0	020.0000	0082.1	034.1	241.3	001.5000	0042.6	054.5	38.56
342.0	020.0000	0081.8	034.0	241.1	001.5000	0042.7	053.9	38.73
343.0	020.0000	0081.9	034.0	241.0	001.5000	0042.8	053.4	38.90
344.0	020.0000	0081.4	033.9	240.8	001.5000	0043.1	052.8	39.09
345.0	020.0000	0081.1	033.9	240.5	001.5000	0043.3	052.2	39.27
346.0	020.0000	0081.3	033.9	240.4	001.5000	0043.4	051.7	39.44
347.0	020.0000	0081.5	033.9	240.2	001.5000	0043.6	051.1	39.62
348.0	020.0000	0081.3	033.9	240.0	001.5000	0044.0	050.5	39.83
349.0	020.0000	0081.9	034.0	239.9	001.5000	0044.2	049.9	40.03
350.0	020.0000	0083.0	034.2	239.9	001.5000	0044.2	049.3	40.20
351.0	020.0000	0084.1	034.4	239.9	001.5000	0044.2	048.7	40.38
352.0	020.0000	0084.3	034.5	239.7	001.5000	0044.7	048.1	40.61
353.0	020.0000	0084.8	034.6	239.5	001.5000	0044.9	047.5	40.80
354.0	020.0000	0085.1	034.6	239.3	001.5000	0044.9	046.9	40.96
355.0	020.0000	0085.1	034.6	238.9	001.5000	0044.6	046.4	41.08
356.0	020.0000	0084.5	034.5	238.5	001.5000	0044.2	045.9	41.15
357.0	020.0000	0083.8	034.4	238.0	001.5000	0044.1	045.4	41.28
358.0	020.0000	0083.2	034.3	237.5	001.5000	0044.5	045.0	41.48
359.0	020.0000	0082.8	034.2	237.0	001.5000	0044.7	044.5	41.66
000.0	020.0000	0083.0	034.2	236.6	001.5000	0044.8	044.0	41.83
001.0	020.0000	0084.3	034.5	236.4	001.5000	0044.9	043.3	42.05
002.0	020.0000	0084.6	034.5	236.0	001.5000	0045.3	042.8	42.29
003.0	020.0000	0084.1	034.5	235.4	001.5000	0046.0	042.4	42.54
004.0	020.0000	0083.9	034.4	234.9	001.5000	0046.0	041.9	42.70
005.0	020.0000	0083.9	034.4	234.3	001.5000	0045.7	041.5	42.79

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
006.0	020.0000	0083.2	034.3	233.6	001.5000	0045.3	041.1	42.86
007.0	020.0000	0082.0	034.0	232.8	001.5000	0046.8	040.8	43.21
008.0	020.0000	0081.0	033.8	232.0	001.5000	0048.0	040.6	43.50
009.0	020.0000	0080.1	033.7	231.2	001.5000	0048.5	040.3	43.68
010.0	020.0000	0079.6	033.5	230.5	001.5000	0049.0	040.0	43.88
011.0	020.0000	0079.5	033.5	229.8	001.5000	0049.5	039.6	44.09
012.0	020.0000	0079.0	033.4	229.1	001.5000	0050.3	039.4	44.32
013.0	020.0000	0078.6	033.4	228.3	001.5000	0049.2	039.1	44.25
014.0	020.0000	0077.8	033.2	227.5	001.5000	0049.2	038.9	44.31
015.0	020.0000	0076.7	033.0	226.6	001.5000	0049.4	038.8	44.39
016.0	020.0000	0076.6	032.9	225.8	001.5000	0050.6	038.5	44.67
017.0	020.0000	0077.4	033.1	225.2	001.5000	0051.5	038.1	44.98
018.0	020.0000	0078.1	033.2	224.5	001.5000	0052.6	037.7	45.31
019.0	020.0000	0078.0	033.2	223.7	001.5000	0052.9	037.4	45.45
020.0	020.0000	0076.8	033.0	222.7	001.5000	0052.7	037.4	45.42
021.0	019.7051	0075.9	032.7	221.7	001.5000	0053.7	037.5	45.54
022.0	019.4124	0075.0	032.4	220.8	001.5000	0054.2	037.6	45.58
023.0	019.1219	0074.5	032.1	219.9	001.5000	0053.5	037.6	45.46
024.0	018.8335	0073.9	031.9	218.9	001.5000	0053.8	037.7	45.47
025.0	018.5474	0073.6	031.7	218.1	001.5000	0053.1	037.8	45.34
026.0	018.2634	0073.0	031.5	217.2	001.5000	0052.6	037.9	45.23
027.0	017.9817	0073.0	031.3	216.3	001.5000	0050.5	037.9	44.88
028.0	017.7021	0073.5	031.3	215.5	001.5000	0049.0	037.8	44.67
029.0	017.4247	0073.3	031.2	214.6	001.5000	0046.8	037.9	44.26
030.0	017.1495	0072.8	031.0	213.8	001.5000	0045.3	038.1	43.92
031.0	017.0940	0072.0	030.8	213.0	001.5000	0043.2	038.3	43.48
032.0	017.0386	0071.4	030.6	212.2	001.5000	0043.1	038.4	43.41
033.0	016.9832	0070.9	030.5	211.4	001.5000	0043.9	038.5	43.52
034.0	016.9280	0070.9	030.5	210.6	001.5000	0044.6	038.6	43.63
035.0	016.8728	0071.0	030.5	209.8	001.5000	0045.9	038.6	43.84
036.0	016.8178	0071.2	030.5	209.0	001.5000	0044.7	038.7	43.62
037.0	016.7628	0071.8	030.6	208.2	001.5000	0043.1	038.6	43.34
038.0	016.7079	0072.0	030.6	207.4	001.5000	0041.2	038.7	42.96
039.0	016.6531	0071.3	030.5	206.7	001.5000	0038.8	039.0	42.40
040.0	016.5984	0070.8	030.3	206.0	001.5000	0038.2	039.2	42.20
041.0	016.8068	0070.3	030.3	205.3	001.5000	0038.1	039.4	42.12
042.0	017.0164	0070.0	030.3	204.5	001.5000	0038.3	039.5	42.12
043.0	017.2274	0070.1	030.5	203.7	001.5000	0040.0	039.6	42.44
044.0	017.4396	0070.6	030.7	202.9	001.5000	0042.5	039.6	42.89
045.0	017.6532	0071.2	030.9	202.1	001.5000	0044.8	039.6	43.31
046.0	017.8681	0071.8	031.1	201.3	001.5000	0046.2	039.6	43.53
047.0	018.0842	0071.9	031.2	200.5	001.5000	0048.4	039.7	43.86
048.0	018.3017	0072.4	031.4	199.7	001.5000	0051.9	039.8	44.39
049.0	018.5204	0073.0	031.6	198.8	001.5000	0051.4	039.9	44.29
050.0	018.7405	0073.7	031.8	198.0	001.5000	0052.0	040.0	44.34
051.0	018.7482	0073.3	031.7	197.4	001.5000	0054.0	040.4	44.51
052.0	018.7560	0073.1	031.7	196.7	001.5000	0054.8	040.7	44.50
053.0	018.7637	0073.3	031.7	196.1	001.5000	0054.8	041.0	44.38
054.0	018.7715	0073.2	031.7	195.5	001.5000	0054.7	041.3	44.24
055.0	018.7792	0073.3	031.8	194.9	001.5000	0055.2	041.7	44.19
056.0	018.7870	0073.5	031.8	194.3	001.5000	0056.3	042.0	44.22

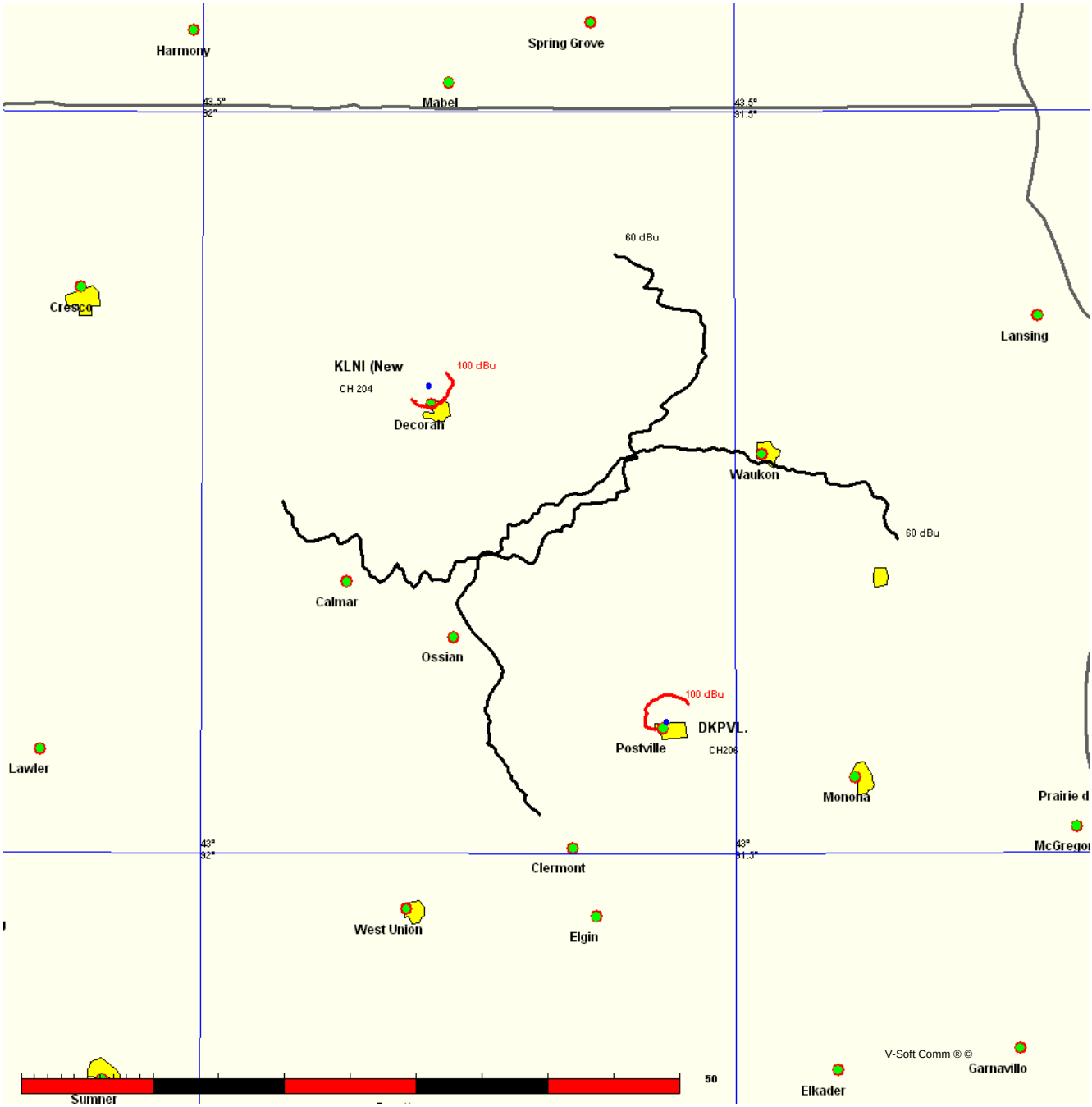
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
057.0	018.7947	0073.7	031.8	193.7	001.5000	0056.1	042.3	44.08
058.0	018.8025	0074.3	032.0	193.0	001.5000	0054.8	042.6	43.79
059.0	018.8102	0075.1	032.1	192.3	001.5000	0053.6	042.9	43.53
060.0	018.8180	0075.6	032.2	191.7	001.5000	0052.2	043.3	43.21
061.0	018.9346	0075.6	032.3	191.2	001.5000	0050.5	043.7	42.83
062.0	019.0515	0075.8	032.4	190.6	001.5000	0047.1	044.0	42.19
063.0	019.1688	0076.2	032.5	190.0	001.5000	0044.9	044.4	41.72
064.0	019.2865	0076.3	032.6	189.6	001.5000	0045.8	044.8	41.73
065.0	019.4045	0076.5	032.7	189.0	001.5000	0047.3	045.2	41.84
066.0	019.5229	0076.4	032.7	188.6	001.5000	0047.1	045.7	41.66
067.0	019.6416	0076.6	032.8	188.2	001.5000	0047.1	046.1	41.53
068.0	019.7607	0076.7	032.9	187.7	001.5000	0048.4	046.6	41.59
069.0	019.8802	0077.1	033.0	187.2	001.5000	0050.1	047.0	41.71
070.0	020.0000	0077.8	033.2	186.7	001.5000	0052.0	047.5	41.84
071.0	020.0000	0078.2	033.3	186.3	001.5000	0053.2	047.9	41.86
072.0	020.0000	0077.7	033.2	186.1	001.5000	0053.7	048.5	41.75
073.0	020.0000	0077.3	033.1	186.0	001.5000	0053.9	049.1	41.61
074.0	020.0000	0077.5	033.1	185.7	001.5000	0053.7	049.6	41.42
075.0	020.0000	0077.9	033.2	185.4	001.5000	0053.4	050.1	41.23
076.0	020.0000	0077.9	033.2	185.1	001.5000	0053.2	050.7	41.05
077.0	020.0000	0077.7	033.2	185.0	001.5000	0053.5	051.2	40.91
078.0	020.0000	0077.9	033.2	184.7	001.5000	0053.9	051.8	40.80
079.0	020.0000	0078.2	033.3	184.5	001.5000	0054.6	052.3	40.71
080.0	020.0000	0078.4	033.3	184.3	001.5000	0055.2	052.8	40.61
081.0	019.4952	0077.9	033.0	184.5	001.5000	0054.7	053.5	40.36
082.0	018.9969	0077.8	032.8	184.5	001.5000	0054.4	054.1	40.15
083.0	018.5050	0078.6	032.7	184.5	001.5000	0054.6	054.7	40.00
084.0	018.0196	0078.5	032.5	184.6	001.5000	0054.3	055.3	39.78
085.0	017.5406	0078.4	032.3	184.7	001.5000	0053.9	055.9	39.56
086.0	017.0681	0078.3	032.0	184.9	001.5000	0053.7	056.5	39.36
087.0	016.6021	0079.0	032.0	184.9	001.5000	0053.7	057.0	39.20
088.0	016.1425	0079.6	031.9	184.9	001.5000	0053.6	057.6	39.03
089.0	015.6893	0080.7	031.9	184.8	001.5000	0053.7	058.1	38.87
090.0	015.2426	0081.5	031.8	184.9	001.5000	0053.7	058.7	38.71
091.0	014.6547	0081.5	031.5	185.1	001.5000	0053.3	059.3	38.50
092.0	014.0784	0081.9	031.3	185.3	001.5000	0053.3	059.8	38.35

Minnesota Public Radio - KLNI
KLNI (New) v. DKPVL(CP)

FMCommander Single Allocation Study
08-24-2007

KLNI (New CH 204 A
1.5 kW 389.7 M COR
Prot. = 60 dBu
Intef. = 100 dBu

DKPVL- CH 206 A BPED20060214ABU
3.0 kW, 408 M COR DA
Prot. = 60 dBu
Intef. = 100 dBu



KLNI (New
Channel = 204A
Max ERP = 1.5 kW
RCAMSL = 389.7 M
N. Lat. 43 18 56.1
W. Lng. 91 47 17.5
Protected
60 dBu

DKPVL- BPED20060214ABU
Channel = 206A
Max ERP = 3 kW
RCAMSL = 408 M
N. Lat. 43 05 20.0
W. Lng. 91 33 54.0
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
084.0	001.5000	0106.4	021.2	006.2	003.0000	0071.0	027.6	55.51
085.0	001.5000	0102.9	020.9	005.6	003.0000	0070.8	027.1	55.77
086.0	001.5000	0099.8	020.6	005.1	003.0000	0070.9	026.7	56.04
087.0	001.5000	0098.9	020.5	005.0	003.0000	0070.9	026.4	56.29
088.0	001.5000	0098.3	020.4	005.0	003.0000	0071.0	026.0	56.54
089.0	001.5000	0095.0	020.1	004.3	003.0000	0071.4	025.6	56.86
090.0	001.5000	0092.8	019.8	003.8	003.0000	0070.8	025.2	57.04
091.0	001.5000	0088.3	019.3	002.6	003.0000	0071.0	024.9	57.32
092.0	001.5000	0083.3	018.7	001.3	003.0000	0071.9	024.5	57.67
093.0	001.5000	0081.1	018.4	000.6	003.0000	0072.1	024.2	57.93
094.0	001.5000	0078.1	018.1	359.7	003.0000	0071.9	023.9	58.11
095.0	001.5000	0075.4	017.7	358.8	003.0000	0072.5	023.6	58.39
096.0	001.5000	0079.5	018.2	360.0	003.0000	0071.9	023.3	58.59
097.0	001.5000	0079.3	018.2	359.8	003.0000	0071.9	023.0	58.83
098.0	001.5000	0076.4	017.9	358.8	003.0000	0072.4	022.7	59.10
099.0	001.5000	0072.8	017.4	357.5	003.0000	0071.4	022.5	59.14
100.0	001.5000	0071.2	017.2	356.9	003.0000	0070.4	022.2	59.22
101.0	001.5000	0071.2	017.2	356.7	003.0000	0070.2	021.9	59.41
102.0	001.5000	0066.1	016.5	354.8	003.0000	0070.4	021.8	59.53
103.0	001.5000	0061.5	015.9	353.1	003.0000	0068.6	021.8	59.36
104.0	001.5000	0060.4	015.8	352.5	003.0000	0068.2	021.6	59.48
105.0	001.5000	0061.5	015.9	352.6	003.0000	0068.1	021.2	59.71
106.0	001.5000	0061.7	015.9	352.3	003.0000	0068.3	021.0	59.95
107.0	001.5000	0063.7	016.2	352.6	003.0000	0068.1	020.6	60.21
108.0	001.5000	0066.6	016.6	353.3	003.0000	0068.9	020.2	60.66
109.0	001.5000	0068.2	016.8	353.5	003.0000	0069.1	019.8	60.97
110.0	001.5000	0064.0	016.2	351.7	003.0000	0067.7	019.8	60.81
111.0	001.5000	0062.1	016.0	350.7	003.0000	0067.6	019.7	60.90
112.0	001.5000	0062.8	016.1	350.5	003.0000	0067.8	019.4	61.15
113.0	001.5000	0062.7	016.1	350.0	003.0000	0067.8	019.2	61.35
114.0	001.5000	0064.0	016.2	349.9	003.0000	0067.7	018.9	61.61
115.0	001.5000	0066.1	016.5	350.1	003.0000	0067.9	018.5	61.96
116.0	001.5000	0067.1	016.7	350.0	003.0000	0067.7	018.2	62.21
117.0	001.5000	0070.7	017.1	350.6	003.0000	0067.7	017.7	62.64
118.0	001.5000	0068.9	016.9	349.4	003.0000	0066.6	017.6	62.59
119.0	001.5000	0065.4	016.4	347.7	003.0000	0063.4	017.6	62.14
120.0	001.5000	0066.3	016.6	347.4	003.0000	0062.7	017.3	62.31

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
121.0	001.5000	0066.8	016.6	346.8	003.0000	0061.4	017.1	62.37
122.0	001.5000	0063.7	016.2	345.2	003.0000	0058.7	017.2	61.93
123.0	001.5000	0062.5	016.0	344.1	003.0000	0057.9	017.1	61.88
124.0	001.5000	0059.7	015.7	342.7	003.0000	0056.6	017.2	61.60
125.0	001.5000	0057.0	015.3	341.2	003.0000	0055.3	017.3	61.29
126.0	001.5000	0055.7	015.1	340.1	003.0000	0055.3	017.3	61.29
127.0	001.5000	0052.8	014.7	338.7	003.0000	0055.5	017.5	61.15
128.0	001.5000	0051.9	014.6	337.8	003.0000	0057.4	017.5	61.44
129.0	001.5000	0052.5	014.7	337.2	003.0000	0057.2	017.3	61.59
130.0	001.5000	0051.2	014.5	336.1	003.0000	0057.6	017.4	61.59
131.0	001.5000	0052.8	014.7	335.7	003.0000	0057.4	017.1	61.85
132.0	001.5000	0054.1	014.9	335.2	003.0000	0057.2	016.8	62.07
133.0	001.5000	0055.2	015.1	334.5	003.0000	0056.4	016.5	62.15
134.0	001.5000	0055.7	015.1	333.8	003.0000	0055.6	016.4	62.17
135.0	001.5000	0053.8	014.9	332.6	003.0000	0055.8	016.5	62.05
136.0	001.5000	0052.4	014.7	331.5	003.0000	0058.1	016.7	62.28
137.0	001.5000	0054.3	014.9	330.9	003.0000	0058.2	016.3	62.58
138.0	001.5000	0052.4	014.7	329.8	003.0000	0058.7	016.6	62.47
139.0	001.5000	0051.2	014.5	328.9	003.0000	0057.8	016.7	62.24
140.0	001.5000	0050.5	014.4	328.0	003.0000	0056.6	016.7	62.00
141.0	001.5000	0050.2	014.3	327.1	003.0000	0057.4	016.8	62.11
142.0	001.5000	0050.7	014.4	326.3	003.0000	0056.5	016.7	62.05
143.0	001.5000	0051.5	014.5	325.4	003.0000	0055.5	016.5	62.01
144.0	001.5000	0052.6	014.7	324.5	003.0000	0056.8	016.4	62.37
145.0	001.5000	0053.4	014.8	323.6	003.0000	0057.9	016.2	62.63
146.0	001.5000	0055.1	015.0	322.7	003.0000	0057.5	016.0	62.77
147.0	001.5000	0056.3	015.2	321.7	003.0000	0058.7	015.9	63.08
148.0	001.5000	0058.0	015.5	320.6	003.0000	0061.1	015.7	63.57
149.0	001.5000	0058.8	015.6	319.6	003.0000	0056.1	015.6	62.93
150.0	001.5000	0057.8	015.4	318.7	003.0000	0056.4	015.8	62.82
151.0	001.5000	0054.2	014.9	318.2	003.0000	0057.1	016.3	62.44
152.0	001.5000	0051.3	014.5	317.7	003.0000	0058.4	016.8	62.21
153.0	001.5000	0049.7	014.3	317.0	003.0000	0056.9	017.1	61.74
154.0	001.5000	0049.9	014.3	316.2	003.0000	0054.3	017.1	61.28
155.0	001.5000	0050.4	014.4	315.4	003.0000	0054.0	017.2	61.22
156.0	001.5000	0048.5	014.1	314.9	003.0000	0053.8	017.5	60.89
157.0	001.5000	0047.4	013.9	314.4	003.0000	0054.3	017.7	60.77
158.0	001.5000	0046.2	013.7	313.9	003.0000	0055.0	018.0	60.65
159.0	001.5000	0044.2	013.4	313.6	003.0000	0055.4	018.4	60.39
160.0	001.5000	0043.2	013.3	313.2	003.0000	0056.0	018.6	60.29
161.0	001.5000	0043.0	013.2	312.6	003.0000	0057.2	018.8	60.35
162.0	001.5000	0042.9	013.2	312.0	003.0000	0058.2	018.9	60.39
163.0	001.5000	0043.6	013.3	311.3	003.0000	0059.2	018.9	60.51
164.0	001.5000	0044.6	013.5	310.4	003.0000	0058.7	018.9	60.43
165.0	001.5000	0043.8	013.4	310.0	003.0000	0058.1	019.2	60.16
166.0	001.5000	0043.5	013.3	309.6	003.0000	0057.4	019.3	59.90
167.0	001.5000	0043.5	013.3	309.0	003.0000	0056.3	019.5	59.63
168.0	001.5000	0044.4	013.4	308.2	003.0000	0056.0	019.5	59.54
169.0	001.5000	0044.3	013.4	307.7	003.0000	0056.0	019.7	59.40
170.0	001.5000	0044.0	013.4	307.3	003.0000	0055.3	019.9	59.14
171.0	001.5000	0043.6	013.3	307.0	003.0000	0054.7	020.1	58.86

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
172.0	001.5000	0046.4	013.8	305.6	003.0000	0054.3	019.9	58.92
173.0	001.5000	0048.6	014.1	304.4	003.0000	0055.2	019.9	59.10
174.0	001.5000	0052.9	014.7	302.5	003.0000	0055.2	019.7	59.27
175.0	001.5000	0052.8	014.7	302.1	003.0000	0055.0	019.9	59.07
176.0	001.5000	0051.6	014.5	302.1	003.0000	0055.0	020.2	58.81
177.0	001.5000	0051.9	014.6	301.6	003.0000	0055.0	020.4	58.67
178.0	001.5000	0051.8	014.6	301.2	003.0000	0055.2	020.6	58.52
179.0	001.5000	0051.9	014.6	300.8	003.0000	0055.3	020.8	58.37
180.0	001.5000	0049.1	014.2	301.4	003.0000	0055.1	021.2	57.99
181.0	001.5000	0047.9	014.0	301.5	003.0000	0055.0	021.5	57.73
182.0	001.5000	0049.3	014.2	300.7	003.0000	0055.3	021.7	57.69
183.0	001.5000	0053.8	014.9	298.8	002.9114	0055.8	021.6	57.71
184.0	001.5000	0056.1	015.2	297.7	002.8324	0053.3	021.7	57.09
185.0	001.5000	0053.5	014.8	298.4	002.8792	0055.1	022.1	57.15
186.0	001.5000	0053.9	014.9	298.0	002.8493	0053.9	022.3	56.75
187.0	001.5000	0051.1	014.5	298.7	002.9045	0055.8	022.7	56.82
188.0	001.5000	0047.3	013.9	299.8	002.9847	0055.9	023.1	56.63
189.0	001.5000	0047.3	013.9	299.6	002.9690	0055.9	023.3	56.44
190.0	001.5000	0045.0	013.5	300.2	003.0000	0055.5	023.7	56.15
191.0	001.5000	0049.4	014.2	298.5	002.8869	0055.3	023.7	55.95
192.0	001.5000	0052.8	014.7	297.1	002.7886	0052.6	023.8	55.27
193.0	001.5000	0054.7	015.0	296.3	002.7314	0051.2	024.0	54.81
194.0	001.5000	0056.5	015.3	295.6	002.6788	0049.7	024.2	54.29
195.0	001.5000	0055.0	015.0	296.0	002.7071	0050.3	024.5	54.24
196.0	001.5000	0054.7	015.0	296.0	002.7067	0050.3	024.8	54.04
197.0	001.5000	0054.6	015.0	295.9	002.7015	0050.2	025.0	53.83
198.0	001.5000	0051.9	014.6	296.7	002.7592	0052.3	025.3	54.07
199.0	001.5000	0051.6	014.5	296.7	002.7604	0052.3	025.6	53.90
200.0	001.5000	0050.8	014.4	296.9	002.7733	0052.5	025.9	53.77
201.0	001.5000	0046.6	013.8	298.2	002.8696	0054.7	026.2	54.07
202.0	001.5000	0044.9	013.5	298.8	002.9081	0055.8	026.4	54.12
203.0	001.5000	0042.2	013.1	299.6	002.9701	0055.9	026.7	54.05
204.0	001.5000	0039.5	012.7	300.5	003.0000	0055.3	027.0	53.82

08-24-2007 NED 03 SEC Terrain Data

DKPVL- BPED20060214ABU
Channel = 206A
Max ERP = 3 kW
RCAMSL = 408 M
N. Lat. 43 05 20.0
W. Lng. 91 33 54.0
Protected
60 dBu

KLNI (New
Channel = 204A
Max ERP = 1.5 kW
RCAMSL = 389.7 M
N. Lat. 43 18 56.1
W. Lng. 91 47 17.5
Interfering
100 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
264.0	000.7033	0065.5	013.5	170.0	001.5000	0044.0	027.0	48.76
265.0	000.7366	0064.1	013.5	170.0	001.5000	0044.0	026.8	48.91
266.0	000.7705	0062.0	013.5	169.9	001.5000	0044.2	026.5	49.10
267.0	000.8053	0061.4	013.6	170.0	001.5000	0044.0	026.3	49.22
268.0	000.8408	0059.2	013.5	169.7	001.5000	0044.3	026.1	49.42
269.0	000.8771	0058.3	013.5	169.8	001.5000	0044.3	025.8	49.58
270.0	000.9141	0055.7	013.4	169.3	001.5000	0044.1	025.6	49.69
271.0	000.9621	0055.7	013.6	169.6	001.5000	0044.2	025.4	49.88
272.0	001.0113	0054.4	013.6	169.5	001.5000	0044.1	025.1	50.03
273.0	001.0617	0054.6	013.7	169.8	001.5000	0044.3	024.9	50.24
274.0	001.1134	0053.7	013.8	169.8	001.5000	0044.3	024.6	50.42
275.0	001.1663	0051.3	013.6	169.3	001.5000	0044.2	024.4	50.53
276.0	001.2204	0050.3	013.6	169.1	001.5000	0044.2	024.2	50.71
277.0	001.2757	0049.3	013.7	169.0	001.5000	0044.3	024.0	50.89
278.0	001.3323	0047.8	013.6	168.6	001.5000	0044.7	023.8	51.12
279.0	001.3901	0046.4	013.5	168.3	001.5000	0044.7	023.6	51.27
280.0	001.4491	0045.1	013.4	167.9	001.5000	0044.3	023.4	51.32
281.0	001.5251	0043.3	013.3	167.4	001.5000	0043.7	023.2	51.32
282.0	001.6031	0041.8	013.2	167.0	001.5000	0043.5	023.0	51.43
283.0	001.6830	0039.5	013.0	166.3	001.5000	0043.2	022.9	51.45
284.0	001.7649	0038.6	013.0	166.0	001.5000	0043.5	022.7	51.65
285.0	001.8487	0037.2	013.0	165.6	001.5000	0043.5	022.5	51.79
286.0	001.9344	0036.7	013.0	165.4	001.5000	0043.6	022.3	51.97
287.0	002.0221	0035.6	013.0	165.0	001.5000	0043.8	022.2	52.15
288.0	002.1118	0035.9	013.2	165.1	001.5000	0043.8	021.9	52.37
289.0	002.2033	0036.7	013.4	165.4	001.5000	0043.6	021.5	52.60
290.0	002.2969	0037.5	013.7	165.6	001.5000	0043.5	021.2	52.86
291.0	002.3630	0038.3	013.9	165.8	001.5000	0043.6	020.8	53.14
292.0	002.4300	0040.1	014.4	166.3	001.5000	0043.2	020.4	53.41
293.0	002.4980	0042.8	015.0	167.3	001.5000	0043.5	019.8	53.94
294.0	002.5669	0046.0	015.7	168.6	001.5000	0044.7	019.2	54.72
295.0	002.6367	0048.4	016.3	169.6	001.5000	0044.2	018.6	55.10
296.0	002.7075	0050.3	016.8	170.4	001.5000	0043.3	018.1	55.34
297.0	002.7792	0052.6	017.4	171.3	001.5000	0044.5	017.5	56.09

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
298.0	002.8519	0054.0	017.8	171.7	001.5000	0045.8	017.0	56.78
299.0	002.9255	0056.0	018.2	172.4	001.5000	0047.1	016.5	57.49
300.0	003.0000	0055.7	018.3	171.9	001.5000	0046.3	016.2	57.59
301.0	003.0000	0055.2	018.2	171.0	001.5000	0043.5	016.0	57.16
302.0	003.0000	0054.9	018.2	170.1	001.5000	0043.9	015.8	57.42
303.0	003.0000	0055.1	018.2	169.4	001.5000	0044.1	015.5	57.70
304.0	003.0000	0055.6	018.3	168.8	001.5000	0044.5	015.3	58.04
305.0	003.0000	0054.4	018.1	167.4	001.5000	0043.6	015.2	57.90
306.0	003.0000	0054.5	018.1	166.5	001.5000	0043.2	015.0	57.85
307.0	003.0000	0054.7	018.1	165.7	001.5000	0043.5	014.7	58.18
308.0	003.0000	0056.0	018.3	165.2	001.5000	0043.7	014.4	58.66
309.0	003.0000	0056.3	018.4	164.3	001.5000	0044.8	014.1	59.18
310.0	003.0000	0058.1	018.7	163.9	001.5000	0044.4	013.7	59.63
311.0	003.0000	0059.3	018.9	163.2	001.5000	0043.8	013.4	59.95
312.0	003.0000	0058.3	018.7	161.6	001.5000	0042.5	013.3	59.74
313.0	003.0000	0056.5	018.4	159.8	001.5000	0043.5	013.5	59.79
314.0	003.0000	0054.9	018.1	158.1	001.5000	0046.1	013.6	60.18
315.0	003.0000	0053.8	017.9	156.6	001.5000	0047.9	013.6	60.47
316.0	003.0000	0053.8	018.0	155.3	001.5000	0049.9	013.5	60.99
317.0	003.0000	0056.7	018.5	154.7	001.5000	0050.4	012.9	61.89
318.0	003.0000	0057.4	018.6	153.5	001.5000	0049.5	012.7	62.01
319.0	003.0000	0055.8	018.3	151.8	001.5000	0051.7	012.9	62.16
320.0	003.0000	0058.5	018.7	150.8	001.5000	0054.8	012.4	63.40
321.0	003.0000	0060.7	019.1	149.5	001.5000	0059.0	012.0	64.60
322.0	003.0000	0058.3	018.7	147.8	001.5000	0057.4	012.3	63.90
323.0	003.0000	0057.4	018.6	146.2	001.5000	0055.3	012.5	63.40
324.0	003.0000	0057.5	018.6	144.7	001.5000	0053.1	012.4	63.09
325.0	003.0000	0056.0	018.3	143.3	001.5000	0051.6	012.7	62.44
326.0	003.0000	0056.1	018.4	141.8	001.5000	0050.1	012.7	62.18
327.0	003.0000	0057.5	018.6	140.3	001.5000	0050.4	012.5	62.53
328.0	003.0000	0056.7	018.5	138.9	001.5000	0051.3	012.7	62.44
329.0	003.0000	0058.0	018.7	137.3	001.5000	0054.0	012.5	63.11
330.0	003.0000	0058.9	018.8	135.7	001.5000	0052.0	012.5	62.88
331.0	003.0000	0058.1	018.7	134.4	001.5000	0055.6	012.7	63.16
332.0	003.0000	0057.2	018.5	133.2	001.5000	0055.2	012.9	62.77
333.0	003.0000	0055.3	018.2	132.3	001.5000	0054.8	013.3	62.12
334.0	003.0000	0055.8	018.3	130.9	001.5000	0052.7	013.3	61.71
335.0	003.0000	0057.2	018.5	129.2	001.5000	0052.1	013.3	61.72
336.0	003.0000	0057.5	018.6	127.9	001.5000	0051.9	013.4	61.55
337.0	003.0000	0057.1	018.5	126.8	001.5000	0053.3	013.6	61.50
338.0	003.0000	0056.8	018.5	125.8	001.5000	0056.0	013.8	61.66
339.0	003.0000	0055.4	018.2	125.2	001.5000	0056.9	014.2	61.31
340.0	003.0000	0055.4	018.2	124.2	001.5000	0059.0	014.4	61.38
341.0	003.0000	0055.4	018.2	123.1	001.5000	0062.3	014.5	61.59
342.0	003.0000	0055.4	018.2	122.2	001.5000	0063.2	014.7	61.47
343.0	003.0000	0057.3	018.6	120.4	001.5000	0067.3	014.7	62.01
344.0	003.0000	0057.8	018.6	119.3	001.5000	0065.2	014.9	61.56
345.0	003.0000	0058.3	018.7	118.2	001.5000	0068.4	015.0	61.98
346.0	003.0000	0059.4	018.9	116.9	001.5000	0070.5	015.2	62.10
347.0	003.0000	0061.8	019.2	115.1	001.5000	0066.1	015.2	61.56
348.0	003.0000	0064.0	019.5	113.4	001.5000	0063.0	015.3	61.11

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
349.0	003.0000	0065.4	019.7	112.0	001.5000	0062.9	015.5	60.94
350.0	003.0000	0067.8	020.1	110.3	001.5000	0063.0	015.6	60.85
351.0	003.0000	0067.3	020.0	109.9	001.5000	0064.3	015.9	60.71
352.0	003.0000	0068.1	020.1	109.0	001.5000	0068.3	016.2	60.96
353.0	003.0000	0068.5	020.2	108.3	001.5000	0067.7	016.5	60.63
354.0	003.0000	0069.5	020.3	107.3	001.5000	0064.5	016.7	60.02
355.0	003.0000	0070.7	020.5	106.3	001.5000	0061.8	017.0	59.46
356.0	003.0000	0069.9	020.4	106.2	001.5000	0061.8	017.4	59.14
357.0	003.0000	0070.6	020.5	105.6	001.5000	0061.7	017.7	58.86
358.0	003.0000	0071.8	020.6	104.7	001.5000	0061.4	018.0	58.59
359.0	003.0000	0072.4	020.7	104.1	001.5000	0060.5	018.3	58.19
000.0	003.0000	0071.9	020.6	104.1	001.5000	0060.4	018.7	57.87
001.0	003.0000	0071.8	020.6	103.8	001.5000	0060.3	019.0	57.56
002.0	003.0000	0071.6	020.6	103.7	001.5000	0060.3	019.4	57.27
003.0	003.0000	0070.8	020.5	103.8	001.5000	0060.3	019.8	56.95
004.0	003.0000	0071.1	020.5	103.5	001.5000	0060.5	020.1	56.69
005.0	003.0000	0070.9	020.5	103.4	001.5000	0060.6	020.5	56.41
006.0	003.0000	0070.9	020.5	103.3	001.5000	0060.7	020.8	56.14
007.0	003.0000	0071.5	020.6	102.9	001.5000	0061.8	021.2	55.99
008.0	003.0000	0070.8	020.5	103.1	001.5000	0061.2	021.5	55.62
009.0	003.0000	0072.4	020.7	102.4	001.5000	0064.8	021.9	55.80
010.0	003.0000	0073.4	020.8	102.0	001.5000	0066.0	022.2	55.67
011.0	003.0000	0073.0	020.8	102.2	001.5000	0065.6	022.6	55.35
012.0	003.0000	0073.9	020.9	101.8	001.5000	0066.9	023.0	55.22
013.0	003.0000	0073.6	020.9	101.9	001.5000	0066.3	023.3	54.88
014.0	003.0000	0073.3	020.8	102.1	001.5000	0065.9	023.7	54.55
015.0	003.0000	0074.6	021.0	101.7	001.5000	0067.7	024.1	54.50
016.0	003.0000	0074.6	021.0	101.7	001.5000	0067.4	024.4	54.19
017.0	003.0000	0073.8	020.9	102.1	001.5000	0065.9	024.8	53.75
018.0	003.0000	0071.9	020.6	102.7	001.5000	0063.0	025.1	53.15
019.0	003.0000	0071.7	020.6	102.9	001.5000	0062.2	025.5	52.79
020.0	003.0000	0071.3	020.6	103.1	001.5000	0061.2	025.8	52.43
021.0	003.0000	0074.1	020.9	102.4	001.5000	0065.1	026.2	52.65
022.0	003.0000	0074.6	021.0	102.3	001.5000	0065.3	026.6	52.42
023.0	003.0000	0074.0	020.9	102.6	001.5000	0063.7	027.0	51.99
024.0	003.0000	0073.8	020.9	102.8	001.5000	0062.4	027.3	51.59

Channel-Six TV Protection Study

Exhibit #19

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, Cutoff Date=53897628
Dist.=115.8 km, Azi=288.0°, Rev Azi=107.0°

Direct line HAAT Grade B, 47 dBu= 105.75 km & Grade A= 56.25 km

Distance from reference to Grade B = 10.04 km
Cutoff Dist from Full Service or Class CA= 235
Maximum Co-located power= 5 kW
KAAL Signal Contour at Reference location = 43.5 dBu
CH. 204, U/D ratio = 15.3 dB, Maximum FM signal = 62.3 dBu , 6 dB credit added

TV/FM D to U values

47.0	62.3	55.0	66.9	63.0	71.7	71.0	77.5	79.0	84.0	87.0	90.7
48.0	62.8	56.0	67.5	64.0	72.3	72.0	78.2	80.0	84.8	88.0	91.6
49.0	63.4	57.0	68.1	65.0	73.0	73.0	79.0	81.0	85.7	89.0	92.4
50.0	63.9	58.0	68.7	66.0	73.7	74.0	79.8	82.0	86.5	90.0	93.3
51.0	64.5	59.0	69.3	67.0	74.5	75.0	80.7	83.0	87.4	91.0	93.3
52.0	65.1	60.0	69.8	68.0	75.2	76.0	81.5	84.0	88.2	92.0	93.3
53.0	65.7	61.0	70.4	69.0	76.0	77.0	82.4	85.0	89.1	93.0	93.3
54.0	66.3	62.0	71.0	70.0	76.7	78.0	83.2	86.0	89.9	94.0	93.3

KLNI (New) v. KAAL - TV6 Protection

KLNI(New)

Latitude: 43-18-56.10 N
Longitude: 091-47-17.50 W
Study ERP: 1.5375 kW
1.5 kW H + 1.5 kW V/40
Channel: 204
Frequency: 88.7 MHz
AMSL Height: 389.7 m
Elevation: 348.63 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KAAL
BLCT2236
Latitude: 43-37-42 N
Longitude: 093-09-12 W
ERP: 100.00 kW
Channel: 06-
Frequency: 84.5 MHz
AMSL Height: 696.0 m
Elevation: 394.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.0

8/24/2007

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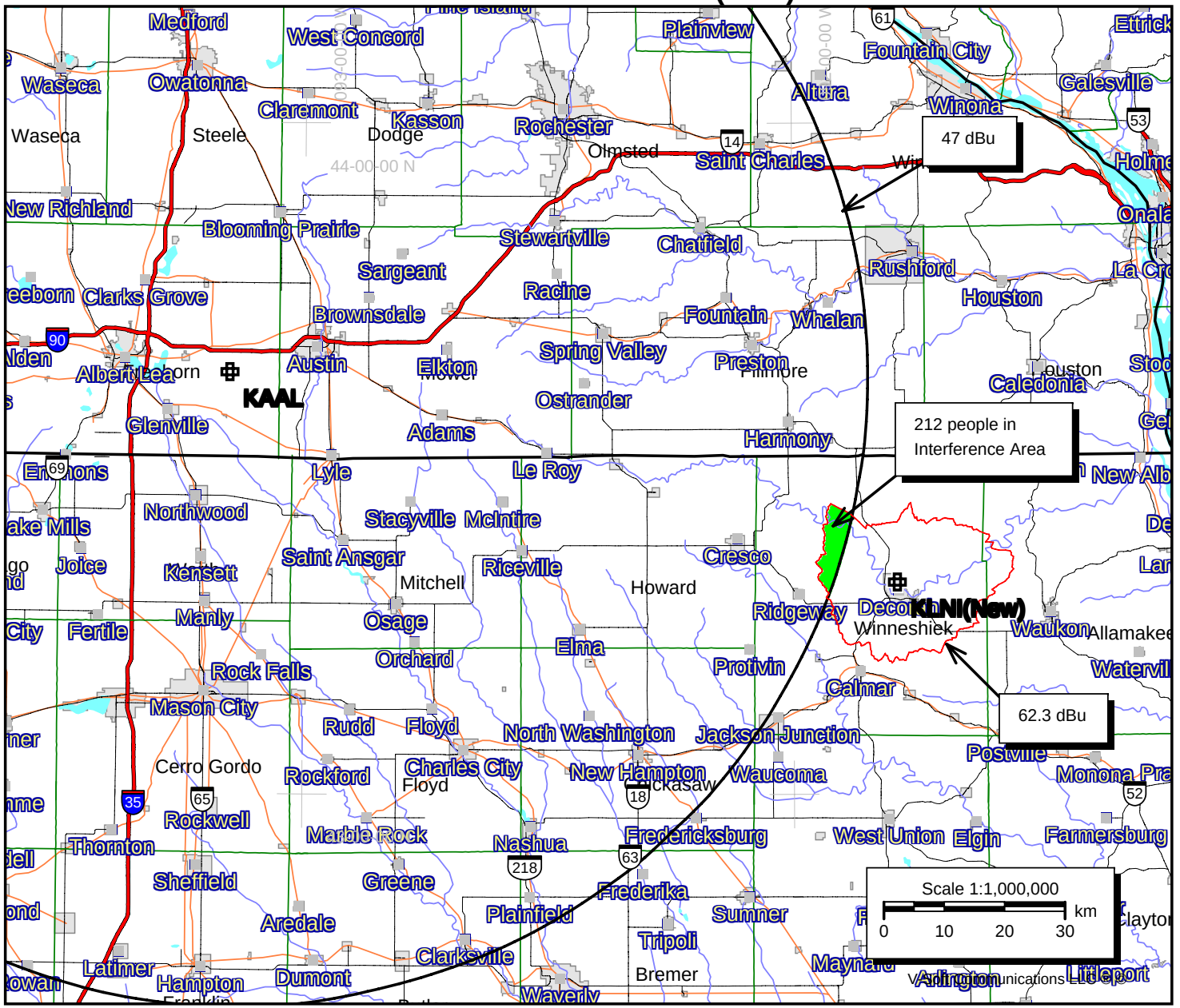

KLNI (New) v. KAAL - TV6 Protection

KLNI(New)

Latitude: 43-18-56.10 N
Longitude: 091-47-17.50 W
Study ERP: 1.5375 kW
1.5 kW H + 1.5 kW V/40
Channel: 204
Frequency: 88.7 MHz
AMSL Height: 389.7 m
Elevation: 348.63 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KAAL
BLCT2236
Latitude: 43-37-42 N
Longitude: 093-09-12 W
ERP: 100.00 kW
Channel: 06-
Frequency: 84.5 MHz
AMSL Height: 696.0 m
Elevation: 394.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.0

8/24/2007

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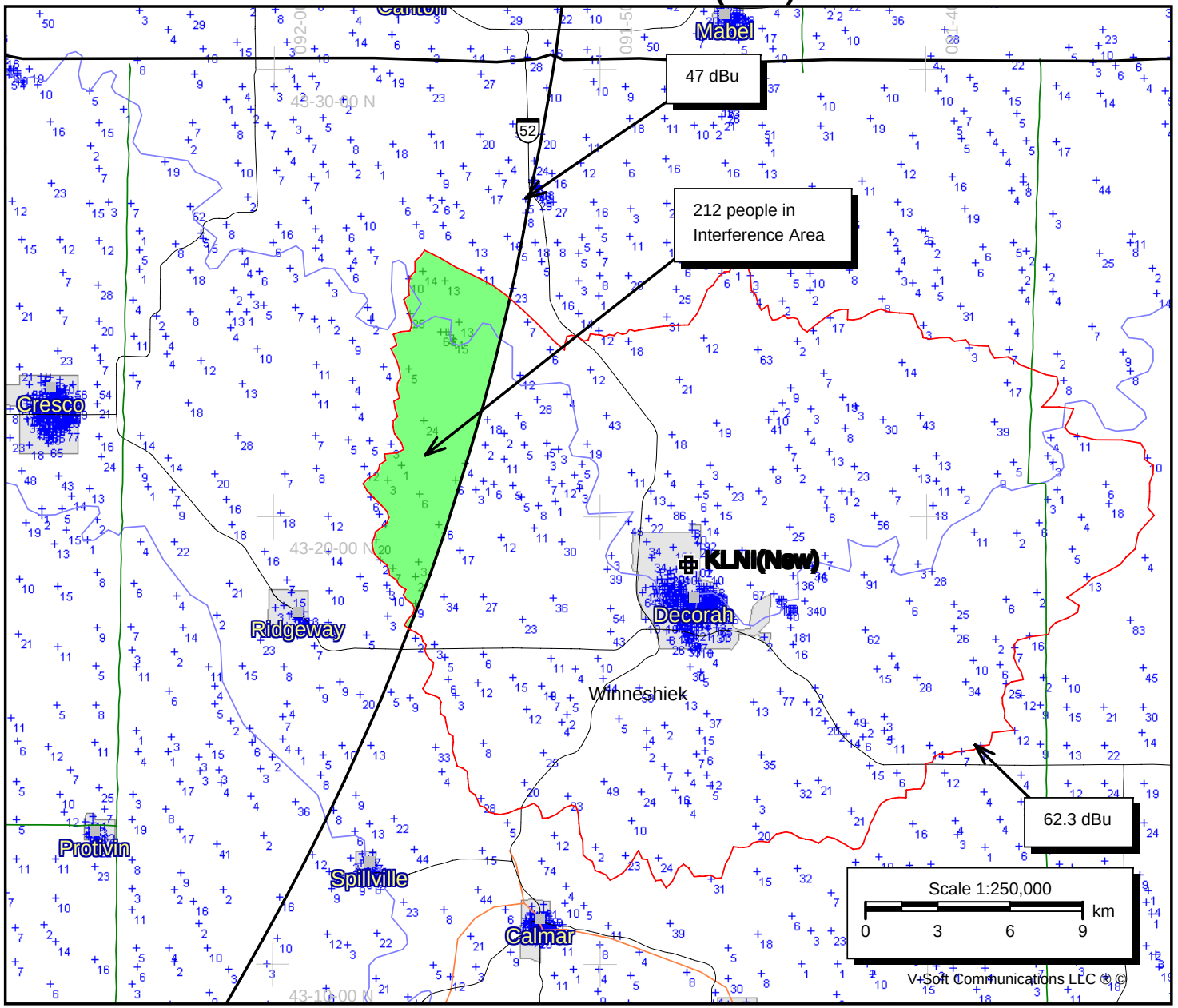

N. Lat. = 431856.1 W. Lng. = 914717.5
HAAT and Distance to Contour - FCC Method - NED 03 SEC
KLNI (New) - Distance to 62.3 dBu Contour

Azi.	AV EL	HAAT	ERP kW	dBk	Field	62.3-F1
000	360.5	29.2	1.5375	1.87	1.000	9.91
010	334.2	55.5	1.5375	1.87	1.000	13.34
020	353.4	36.3	1.5375	1.87	1.000	10.80
030	344.0	45.7	1.5375	1.87	1.000	12.10
040	332.0	57.7	1.5375	1.87	1.000	13.58
050	324.2	65.5	1.5375	1.87	1.000	14.37
060	310.1	79.6	1.5375	1.87	1.000	16.26
070	307.5	82.2	1.5375	1.87	1.000	16.57
080	283.4	106.3	1.5375	1.87	1.000	19.38
090	296.9	92.8	1.5375	1.87	1.000	17.86
100	318.5	71.2	1.5375	1.87	1.000	15.18
110	325.7	64.0	1.5375	1.87	1.000	14.22
120	323.4	66.3	1.5375	1.87	1.000	14.45
130	338.5	51.2	1.5375	1.87	1.000	12.82
140	339.2	50.5	1.5375	1.87	1.000	12.73
150	331.9	57.8	1.5375	1.87	1.000	13.60
160	346.5	43.2	1.5375	1.87	1.000	11.77
170	345.7	44.0	1.5375	1.87	1.000	11.87
180	340.6	49.1	1.5375	1.87	1.000	12.55
190	344.7	45.0	1.5375	1.87	1.000	12.00
200	338.9	50.8	1.5375	1.87	1.000	12.77
210	344.0	45.7	1.5375	1.87	1.000	12.11
220	336.1	53.6	1.5375	1.87	1.000	13.11
230	340.3	49.4	1.5375	1.87	1.000	12.59
240	345.7	44.0	1.5375	1.87	1.000	11.88
250	349.1	40.6	1.5375	1.87	1.000	11.41
260	347.9	41.8	1.5375	1.87	1.000	11.58
270	341.1	48.6	1.5375	1.87	1.000	12.49
280	339.7	50.0	1.5375	1.87	1.000	12.66
290	333.7	56.0	1.5375	1.87	1.000	13.39
300	329.9	59.8	1.5375	1.87	1.000	13.81
310	319.4	70.3	1.5375	1.87	1.000	15.05
320	304.2	85.5	1.5375	1.87	1.000	16.99
330	357.2	32.5	1.5375	1.87	1.000	10.26
340	358.7	31.0	1.5375	1.87	1.000	10.05
350	362.3	27.4	1.5375	1.87	1.000	9.91

Ave El= 334.70 M HAAT= 55.00 M AMSL= 389.7 M

N. Lat. = 433742.0 W. Lng. = 930912.0
HAAT and Distance to Contour - FCC Method - NED 03 SEC
KAAL , Kaal-tv, Llc , BLCT2236

Azi.	AV EL	HAAT	ERP kW	dBk	Field	47-F5
000	374.5	321.5	100.0000	20.00	1.000	105.24
010	378.7	317.3	100.0000	20.00	1.000	104.94
020	383.3	312.7	100.0000	20.00	1.000	104.58
030	384.6	311.4	100.0000	20.00	1.000	104.49
040	383.6	312.4	100.0000	20.00	1.000	104.56
050	382.2	313.8	100.0000	20.00	1.000	104.67
060	378.1	317.9	100.0000	20.00	1.000	104.98
070	374.8	321.2	100.0000	20.00	1.000	105.22
080	372.1	323.9	100.0000	20.00	1.000	105.42
090	370.6	325.4	100.0000	20.00	1.000	105.53
100	369.6	326.4	100.0000	20.00	1.000	105.60
110	367.1	328.9	100.0000	20.00	1.000	105.78
120	367.6	328.4	100.0000	20.00	1.000	105.74
130	366.3	329.7	100.0000	20.00	1.000	105.84
140	367.5	328.5	100.0000	20.00	1.000	105.76
150	370.7	325.3	100.0000	20.00	1.000	105.52
160	374.9	321.1	100.0000	20.00	1.000	105.21
170	375.7	320.3	100.0000	20.00	1.000	105.16
180	376.8	319.2	100.0000	20.00	1.000	105.08
190	379.8	316.2	100.0000	20.00	1.000	104.86
200	384.9	311.1	100.0000	20.00	1.000	104.46
210	385.4	310.6	100.0000	20.00	1.000	104.42
220	381.0	315.0	100.0000	20.00	1.000	104.76
230	378.9	317.1	100.0000	20.00	1.000	104.92
240	378.5	317.5	100.0000	20.00	1.000	104.95
250	378.9	317.1	100.0000	20.00	1.000	104.92
260	379.1	316.9	100.0000	20.00	1.000	104.91
270	376.6	319.4	100.0000	20.00	1.000	105.09
280	379.4	316.6	100.0000	20.00	1.000	104.88
290	384.0	312.0	100.0000	20.00	1.000	104.54
300	384.5	311.5	100.0000	20.00	1.000	104.49
310	385.0	311.0	100.0000	20.00	1.000	104.45
320	380.7	315.3	100.0000	20.00	1.000	104.78
330	375.6	320.4	100.0000	20.00	1.000	105.17
340	372.2	323.8	100.0000	20.00	1.000	105.41
350	372.2	323.8	100.0000	20.00	1.000	105.41

Ave El= 377.10 M HAAT= 318.90 M AMSL= 696 M

KLNI (New) v. KWQC-TV - TV6 Protection

KLNI(New)

Latitude: 43-18-56.10 N
Longitude: 091-47-17.50 W
Study ERP: 1.5375 kW
1.5 kW H + 1.5 kW V/40
Channel: 204
Frequency: 88.7 MHz
AMSL Height: 389.7 m
Elevation: 348.63 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KWQCTV
BLCT19821108KN
Latitude: 41-32-49 N
Longitude: 090-28-35 W
ERP: 100.00 kW
Channel: 06+
Frequency: 85.5 MHz
AMSL Height: 611.0 m
Elevation: 203.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.75

8/24/2007

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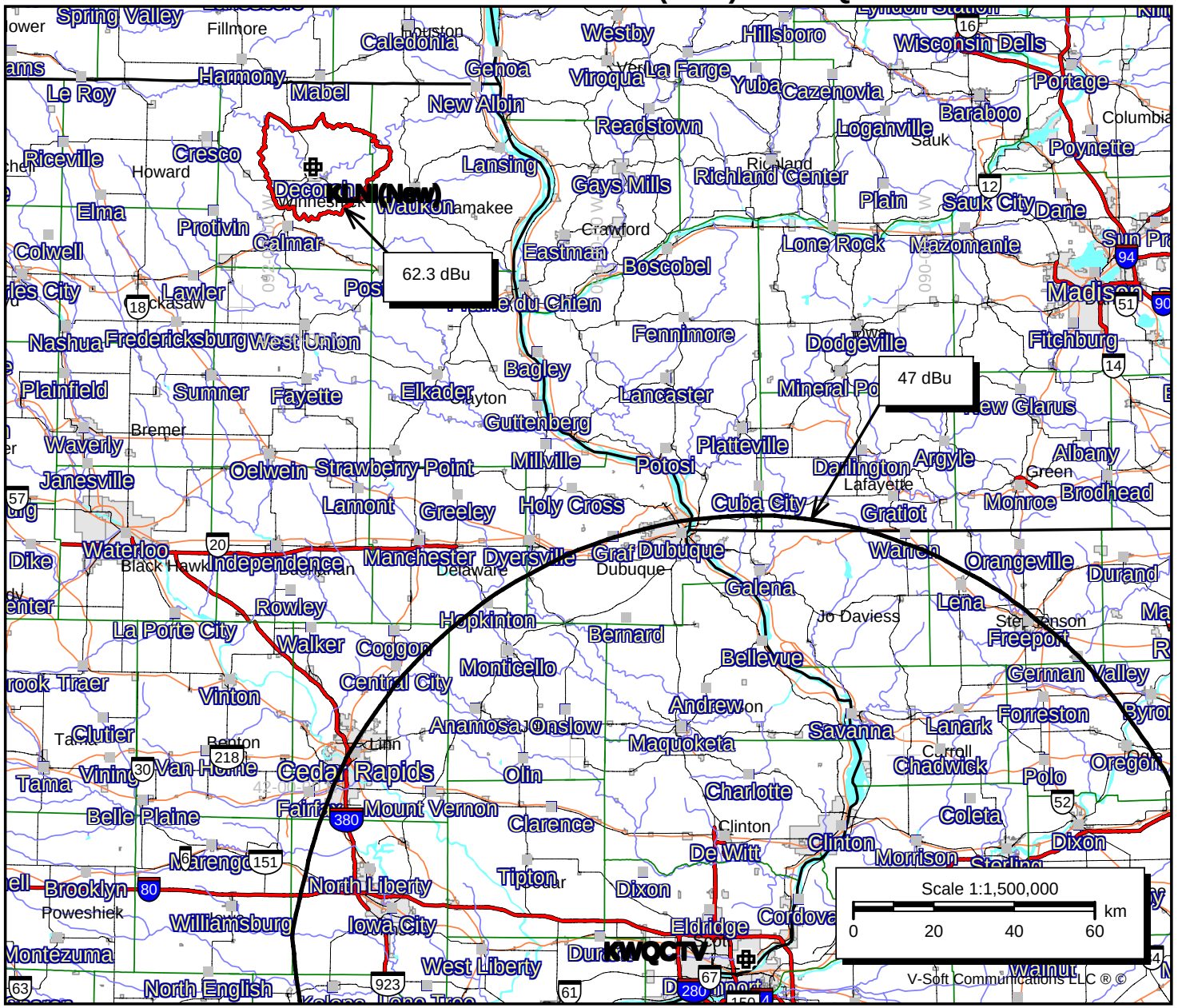

N. Lat. = 413249.0 W. Lng. = 902835.0
HAAT and Distance to Contour - FCC Method - NED 03 SEC
KWQCTV, Young Broadcasting Of Davenp , BLCT19821108KN

Azi.	AV EL	HAAT	ERP kW	dBk	Field	47-F5
000	225.6	385.4	100.0000	20.00	1.000	110.10
010	222.5	388.5	100.0000	20.00	1.000	110.37
020	221.2	389.8	100.0000	20.00	1.000	110.48
030	220.6	390.4	100.0000	20.00	1.000	110.53
040	216.5	394.5	100.0000	20.00	1.000	110.90
050	206.3	404.7	100.0000	20.00	1.000	111.79
060	197.0	414.0	100.0000	20.00	1.000	112.62
070	182.5	428.5	100.0000	20.00	1.000	113.91
080	201.8	409.2	100.0000	20.00	1.000	112.19
090	192.0	419.0	100.0000	20.00	1.000	113.06
100	176.3	434.7	100.0000	20.00	1.000	114.47
110	177.2	433.8	100.0000	20.00	1.000	114.39
120	179.0	432.0	100.0000	20.00	1.000	114.23
130	185.8	425.2	100.0000	20.00	1.000	113.61
140	194.8	416.2	100.0000	20.00	1.000	112.81
150	197.7	413.3	100.0000	20.00	1.000	112.55
160	202.0	409.0	100.0000	20.00	1.000	112.17
170	198.8	412.2	100.0000	20.00	1.000	112.45
180	197.4	413.6	100.0000	20.00	1.000	112.58
190	194.9	416.1	100.0000	20.00	1.000	112.80
200	190.4	420.6	100.0000	20.00	1.000	113.21
210	188.9	422.1	100.0000	20.00	1.000	113.34
220	186.4	424.6	100.0000	20.00	1.000	113.56
230	184.5	426.5	100.0000	20.00	1.000	113.73
240	172.3	438.7	100.0000	20.00	1.000	114.84
250	181.1	429.9	100.0000	20.00	1.000	114.04
260	209.1	401.9	100.0000	20.00	1.000	111.54
270	203.4	407.6	100.0000	20.00	1.000	112.04
280	209.4	401.6	100.0000	20.00	1.000	111.51
290	215.6	395.4	100.0000	20.00	1.000	110.97
300	217.5	393.5	100.0000	20.00	1.000	110.80
310	221.1	389.9	100.0000	20.00	1.000	110.49
320	227.6	383.4	100.0000	20.00	1.000	109.93
330	230.1	380.9	100.0000	20.00	1.000	109.71
340	230.4	380.6	100.0000	20.00	1.000	109.69
350	228.7	382.3	100.0000	20.00	1.000	109.83

Ave El= 202.39 M HAAT= 408.61 M AMSL= 611 M

EXHIBIT #22

R.F. EMISSION COMPLIANCE STATEMENT

Minnesota Public Radio
Minor Change to Licensed Station
KLNI
BLED-19931202KA
Decorah, IA

August 2007

CH 204A 1.5 kW H & V Omni

The applicant proposes the use of registered tower ASR#1017698. This tower was constructed after March, 2001 and the applicant has assurance from the tower owner that environmental testing has been completed. The tower location is surrounded by a locked, gated fence with RF warning signs posted. It is a controlled access area.

KLNI will be diplexed through the same ERI-100-3 antenna as station KLCD, which has an ERP of 0.1 kW. The proposed three-bay, circularly polarized antenna will be energized such that it produces a total of 1.6 kW effective radiated power from a center of radiation of 43.2 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 3-bay ERI-100-3 (Type #3) antenna is 1.889 microwatts per square centimeter ($\mu W/cm^2$), which is 0.19 percent of maximum for this controlled area.

There are no other sources of RF on the tower or in the immediate vicinity.

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.