

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0027 (July 2011)	FOR FCC USE ONLY
FCC 301		FOR COMMISSION USE ONLY FILE NO. - 20181026AAV
APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION		
Read INSTRUCTIONS Before Filling Out Form		

Section I - General Information

1.	Legal Name of the Applicant Marion R. Williams		
	Mailing Address 115 W. 5th Ave.		
	City Gary	State or Country (if foreign address) IN	ZIP Code 46402
	Telephone Number (include area code) 219-885-1370		E-Mail Address (if available) mwilliams@wlthradio.com
	FCC Registration Number: 0004999876	Call Sign WAKE	Facility ID Number 53057
2.	Contact Representative (if other than Applicant) DAN J. ALPERT		Firm or Company Name THE LAW OFFICE OF DAN J. ALPERT
	Mailing Address 2120 N. 21ST RD.		
	City ARLINGTON	State or Country (if foreign address) VA	ZIP Code 22201 -
	Telephone Number (include area code) 7032438690		E-Mail Address (if available) DJA@COMMLAW.TV
3.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114): ☐ Governmental Entity ☐ Other ☒ N/A (Fee Required)		
4.	Application Purpose ☐ New station ☐ Major Modification of construction permit ☐ Minor Modification of construction permit ☐ Major Amendment to pending application (a) File number of original construction permit: (b) Service Type: (c) Community of License: HOBART City: (d) Facility Type: ☐ New Station with Petition for Rulemaking or Counterproposal to Amend FM Table of Allotments ☐ Major Change in licensed facility ☒ Minor Change in licensed facility ☐ Minor Amendment to pending application ☐ NA ☒ AM ☐ FM State: IN ☒ 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: 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.

Section II - Legal

1. Certification. Applicant certifies that it has answered each question in this application based on its review of the application instructions and worksheets. Applicant further certifies that where it has made an affirmative certification below, this certification constitutes its representation that the application satisfies each of the pertinent standards and criteria set forth in the application instructions and worksheets.	☒ Yes ☐ No
2. Parties to the Application. a. List the applicant, and, if other than a natural person, its officers, directors, stockholders with attributable interests, non-insulated partners and/or members. If a corporation or partnership holds an attributable interest in the applicant, list separately its officers, directors, stockholders with attributable interests, non-insulated partners and/or members. Create a separate row for each individual or entity. Attach additional pages if necessary. (1) Name and address of the applicant and each party to the application holding an attributable interest (if other than individual also show name, address and citizenship of natural person authorized to vote the stock or holding the attributable interest). List the applicant first, officers next, then directors and, thereafter, remaining stockholders and other entities with attributable interests, and partners. [Enter Parties/Owners Information] (2) Citizenship. (3) Positional Interest: Officer, director, general partner, limited partner, LLC member, investor/creditor attributable under the Commission's equity/debt plus standard, etc. (4) Percentage of votes. (5) Percentage of total assets (equity plus debt).	
b. Applicant certifies that equity and financial interests not set forth above are non-attributable.	☐ Yes ☐ No ☒ N/A See Explanation in [Exhibit 2]
3. 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.	☒ N/A [Exhibit 3]
4. Multiple Ownership.	
a. Is the applicant or any party to the application the holder of an attributable radio joint sales agreement or an attributable radio or television time brokerage agreement in the same market as the station subject to this application? If "YES," radio applicants must submit as an Exhibit a copy of each such agreement for radio stations.	☐ Yes ☒ No [Exhibit 4]
b. Applicant certifies that the proposed facility complies with the Commission's multiple ownership rules and cross-ownership rules. Radio applicants only: If "Yes," submit an Exhibit providing information regarding the market, broadcast station(s), and other information necessary to demonstrate compliance with 47 C.F.R. § 73.3555(a). All Applicants: If "No," submit as an Exhibit a detailed explanation in support of an exemption from, or waiver of, 47 C.F.R. § 73.3555.	☒ Yes ☐ No [Exhibit 5]
c. Applicant certifies that the proposed facility: (1) does not present an issue under the Commission's policies relating to media interests of immediate family members; (2) complies with the Commission's policies relating to future ownership interests; and (3) complies with the Commission's restrictions relating to the insulation and non-participation of non-party investors and creditors.	☒ Yes ☐ No See Explanation in [Exhibit 6]

d.	Does the Applicant claim status as an "eligible entity," that is, an entity that qualifies as a small business under the Small Business Administration's size standards for its industry grouping (as set forth in 13 C.F.R. § 121-201), and holds: (1) 30 percent or more of the stock or partnership interests and more than 50 percent of the voting power of the corporation or partnership that will own the media outlet; or (2) 15 percent or more of the stock or partnership interests and more than 50 percent of the voting power of the corporation or partnership that will own the media outlet, provided that no other person or entity owns or controls more than 25 percent of the outstanding stock or partnership interests; or (3) more than 50 percent of the voting power of the corporation that will own the media outlet (if such corporation is a publicly traded company)? All applicants: If "Yes," submit as an Exhibit a detailed showing demonstrating proof of status as an eligible entity.	☐ Yes ☒ No See Explanation in [Exhibit 7]
5.	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 8]
6.	Adverse Findings. Applicant certifies that, with respect to the applicant and any party to the application, 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.	☒ Yes ☐ No See Explanation in [Exhibit 9]
7.	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 10]
8.	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
9.	Local Public Notice. Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.	☒ Yes ☐ No
10.	Auction Authorization. If the application is being submitted to obtain a construction permit for which the applicant was the winning bidder in an auction, then the applicant certifies, pursuant to 47 C.F.R. Section 73.5005(a), that it has attached an exhibit containing the information required by 47 C.F.R. Sections 1.2107(d), 1.2110(i), 1.2112(a) and 1.2112(b), if applicable. An exhibit is required unless this question is inapplicable.	☐ Yes ☐ No ☒ N/A [Exhibit 11]
11.	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
12.	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
13.	Petition for Rulemaking/Counterproposal to Add New FM Channel to FM Table of Allotments. If the application is being submitted concurrently with a Petition for Rulemaking or Counterproposal to Amend the FM Table of Allotments (47 C.F.R. section 73.202) to add a new FM channel allotment, petitioner/counter-proponent certifies that, if the FM channel allotment requested is allotted, petitioner/counter-proponent will apply to participate in the auction of the channel allotment requested and specified in this application.	☐ Yes ☐ No ☒ N/A
14.	Tribal Priority - Threshold Qualifications. Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window? An Applicant answering "Yes" must provide an Exhibit demonstrating that it would have been qualified to add the allotment for which it is applying using the Tribal Priority.	☐ Yes ☒ No ☒ N/A [Exhibit 12]

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 MARION R. WILLIAMS	Typed or Printed Title of Person Signing owner
Signature /MARION R. WILLIAMS/	Date 7/14/2022

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 III-A - AM 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. Frequency: 890 kHz
2. Class (select one): ☐ A ☐ B ☐ C ☒ D
3. Hours of Operation: ☒ Unlimited ☐ Limited ☐ Daytime ☐ Share Time ☐ Specified Hours:
4. Daytime: ☒ Yes ☐ No [Daytime Operation]
4. Daytime Operation
a. Power: 25 W
b. Antenna Location Coordinates: (NAD 27) Latitude: Degrees 41 Minutes 32 Seconds 21 ☒ North ☐ South Longitude: Degrees 87 Minutes 17 Seconds 59 ☒ West ☐ East
c. and d.
Complete the appropriate following items. If additional space is needed, please provide the information [Exhibit 24] requested below in an Exhibit. Nondirectional ☒ Directional
Theoretical RMS: 157 mV/m per kW at 1 km (Nondirectional) mV/m at 1 km (Directional)
Standard RMS: 165.2 mV/m at 1 km (Directional Only)

or

[Directional Towers Subform]

4d. Directional Towers:

Tower Number	1
Overall height above ground (include obstruction lighting) (meters)	55.8
Antenna structure registration	Number: ☐ Notification filed with FAA ☒ Not Applicable
Is this tower:	☐ (a) Top-loaded ☐ (b) Sectionalized ☒ (c) Neither
Height of radiator above base insulator, or above base, if grounded (meters)	54.9
Electrical height of radiator	98.9
Field ratio	-
Phase (degrees)	1
Spacing (degrees)	0
Tower orientation (degrees CW from True North)	0
Tower reference switch	0
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

Tower Number	2
Overall height above ground (include obstruction lighting) (meters)	55.8
Antenna structure registration	Number: ☐ Notification filed with FAA ☒ Not Applicable
Is this tower:	☐ (a) Top-loaded ☐ (b) Sectionalized ☒ (c) Neither
Height of radiator above base insulator, or above base, if grounded (meters)	54.9
Electrical height of radiator	98.9
Field ratio	1

Phase (degrees)	268
Spacing (degrees)	98.5
Tower orientation (degrees CW from True North)	134
Tower reference switch	0
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

Augmented: ☐ Yes ☒ No

If "yes," complete the following:

Augmented RMS: mV/m at 1 km

[Augmentations Subform]

5. **Nighttime:** ☒ Yes ☐ No
[Nighttime Operation]

5. Nighttime Operation

a. Power: 0.11 kW

b. Antenna Location Coordinates: (NAD 27)

Latitude:

Degrees 41 Minutes 32 Seconds 21 ☒ North ☐ South

Longitude:

Degrees 87 Minutes 17 Seconds 59 ☒ West ☐ East**c. and d.**

Complete the appropriate following items. If additional space is needed, please provide the information [Exhibit 25] requested below in an Exhibit.

☒ Nondirectional ☐ Directional

Theoretical RMS: 311.4

mV/m per kW at 1 km (Nondirectional)

mV/m at 1 km (Directional)

Standard RMS:

mV/m at 1 km (Directional Only)

[Nondirectional Tower Subform]

5c. Nondirectional Tower:

Tower Number	1
Overall height above ground (include obstruction lighting) (meters)	55.8
Antenna structure registration	Number: ☐ Notification filed with FAA ☒ Not Applicable
Is this tower:	☐ (a) Top-loaded ☐ (b) Sectionalized ☒ (c) Neither
Height of radiator above base insulator, or above base, if grounded (meters)	54.9
Electrical height of radiator (degrees)	98.9
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

or

[Directional Towers Subform]

Augmented: ☐ Yes ☒ No If "yes," complete the following: Augmented RMS: mV/m at 1 km [Augmentations Subform]	
6. Critical Hours Operation: ☐ Yes ☒ No [Critical Hours Operation]	
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	
7. Broadcast Facility. The proposed facility complies with the engineering standards and assignment requirements of requirements of 47 C.F.R. Sections 73.24(e), 73.24(g), 73.33, 73.45, 73.150, 73.152, 73.160, 73.182(a)-(i), 73.186, 73.189, 73.1650. Exhibit Required	☒ Yes ☐ No See Explanation in [Exhibit 13]
8. Community Coverage. The proposed facility complies with community coverage requirements of 47 C.F.R. Section 73.24(i).	☒ Yes ☐ No See Explanation in [Exhibit 14]
9. Main Studio Location. The proposed main studio location complies with requirements of 47 C.F.R. Section 73.1125.	☒ Yes ☐ No See Explanation in [Exhibit 15]
10. Interference. The proposed facility complies with all of the following applicable rule sections. Check all those that apply. An exhibit is required for each applicable section.	☒ Yes ☐ No See Explanation in [Exhibit 16]
Groundwave. ☒ a.) 47 C.F.R. Section 73.37.	[Exhibit 17]
Skywave. ☐ b.) 47 C.F.R. Section 73.182.	[Exhibit 18]
Critical Hours. ☐ c.) 47 C.F.R. Section 73.187.	[Exhibit 19]
11. 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 Appendix A, an Exhibit is required.	☒ Yes ☐ No See Explanation in

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.		[Exhibit 20]
12.	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 constitutes a preferential arrangement of station assignments under Section 307(b) of the Communications Act of 1934, as amended (47 U.S.C. Section 307(b)).	☒ Yes ☐ No N/A [Exhibit 21]
An exhibit is required unless this question is not applicable.		
13. Dispositive Section 307(b) Preference.		
a.	Was the AM facility that is the subject of this application awarded on the basis of a dispositive Section 307(b) preference?	☐ Yes ☒ No
b.	If yes to 13(a), applicant certifies that: (i) the community of license proposed in the subject application is the same as that on which the Section 307(b) preference was based, or (ii) as shown in the attached Exhibit, the service area proposed in the subject application is substantially equivalent to the service area on which the Section 307(b) preference was based.	☐ Yes ☐ No ☒ N/A See Explanation in [Exhibit 22]
c.	If yes to 13(a) and no to 13(b), applicant certifies that, although in the subject application it proposes to: (i) change the community of license, or (ii) modify service to the area on which the Section 307(b) preference was based, it has for a period of four years of on-air operations: (1) served the community of license, or (2) provided full service to the area on which the Section 307(b) preference was based.	☒ Yes ☐ No See Explanation in [Exhibit 23]

PREPARERS CERTIFICATION ON PAGE 3 MUST BE COMPLETED AND SIGNED.

SECTION III - PREPARER'S CERTIFICATION

I certify that I have prepared Section III (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 Marion R. Williams		Relationship to Applicant (e.g., Consulting Engineer) owner	
Signature /Marion R. Williams/		Date 7/14/2022	
Mailing Address 115 W. 5th Ave.			
City Gary	State or Country (if foreign address) IN	Zip Code 46402	
Telephone Number (include area code) 219-885-1370	-Mail Address (if available) mwilliams@wlthradio.com		

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Exhibits

Exhibit 1
Description: CONSTRUCTION PERMIT

Attachment 1

Exhibit 5

Description: MULTIPLE OWNERSHIP The applicant does not have an attributable interest in any attributable station whose principal community contours overlap with this station.

Attachment 5

Attachment 13

Attachment 16

Attachment 17

Description
Engineering Exhibit
See attached.

MINOR MODIFICATION

This application seeks reissuance of the modified construction permit previously issued with respect to this facility, File No. BMP-20210331AAB.

ENGINEERING REPORT COVERING
REQUEST FOR MODIFICATION OF CONSTRUCTION PERMIT
ON BEHALF OF MARION R. WILLIAMS
FOR WAKE 1500 KILOHERTZ
HOBART, INDIANA

FEBRUARY 2021

ENGINEERING REPORT COVERING
REQUEST FOR MODIFICATION OF CONSTRUCTION PERMIT
ON BEHALF OF MARION R. WILLIAMS
FOR WAKE 1500 KILOHERTZ
HOBART, INDIANA

SUMMARY

The engineering report of which this statement is part was prepared on behalf of Marion R. Williams, hereinafter referred to as "Williams", in support of an application for modification of construction permit BP-20180504ABA issued to AM station WAKE Hobart, Indiana. Williams is the licensee of WAKE. WAKE is licensed to operate on an unlimited time basis on a frequency of 1500 kilohertz employing a directional antenna with power of 1 kilowatt during the daytime hours and .025 kilowatts during the nighttime hours. Williams holds construction permit BP-20180504ABA to change transmitter site location to the licensed nighttime site of WLTH Gary, Indiana and change city of license to Hobart, Indiana. The permit authorizes directional antenna operation with .25 kilowatts daytime and .19 kilowatts critical hours. Nighttime operation is .008 kilowatts with a non-directional antenna. The purpose of this amendment is to request a modification of the daytime directional antenna system and delete the critical hours operating mode. Daytime power will remain at .25 kilowatts, nighttime power will increase to .011 kilowatts. No other changes are proposed.

DAYTIME ALLOCATION CONSIDERATIONS

A daytime allocation study revealed WAKE causes and/or receives interference with four stations. The stations are tabulated below.

WAKE INTEFERENCE SUMMARY

CALL SIGN	FREQUENCY KHZ	LOCATION	LICENSED INTERFERENCE	PROPOSED INTERFERENCE
WBRI	1500	Indianapolis, IN	Causes	Eliminated
WPJX	1500	Zion, IL	Causes and Receives	Eliminates Caused Reduces Received
WPNA	1490	Oak Park, IL	Causes and Receives	Reduces Caused and Received
WWHN	1510	Joliet, IL	Causes and Receives	Reduces Caused and Received

Figure 1 is a co-channel allocation study map. Allocation mapping for the first and second adjacent channels is provided in Figures 2 and 3. The closest third adjacent channel station, WCKG Elmhurst, Illinois, is 63 kilometers from the proposed WAKE site and due to the distance between the stations, no third channel mapping is provided. The WAKE proposal will not produce a net increase or cause new interference to any foreign or domestic station.

NIGHTTIME ALLOCATION CONSIDERATIONS

The results of a nighttime allocation study found the primary protection requirements for WAKE are Class A co-channel stations KSTP St. Paul, Minnesota and WFED Washington, DC. The licensed WAKE nighttime operation causes interference to KSTP. As shown on Figure 4, the proposed WAKE nighttime application reduces interference to KSTP and provides protection to WFED.

CRITICAL HOURS ALLOCATION CONSIDERATIONS

A critical hours allocation study for KSTP and WFED was provided in the underlying WAKE construction permit application. It has been reviewed by the undersigned and determined to be still valid. Based on the study results, the proposed daytime antenna system will deliver required protection to WFED and KSTP and a critical hours operating mode will not be required.

TECHNICAL DATA AND EXHIBITS

Figure 5 is a map of the 5 mV/m daytime city grade service contour for the WAKE daytime operation. The WAKE proposal is compliant with FCC requirements as 100% of the population of the community of Hobart, Indiana will receive 5 mV/m service during the daytime hours.

Figure 6 is a map of the proposed WAKE 1000 mV/m contour. No population is located within the contour area. Therefore, the proposed WAKE operation is compliant with Section 73.24(g) of the rules.

Figure 7 is a polar plot of the proposed WAKE daytime antenna pattern with horizontal plane radiation tabulations.

FIELD STRENGTH MEASUREMENTS

All distance to contour calculations used in plotting the allocation maps were based on M-3 soil conductivity data except measured field data was obtained for six pertinent radials toward WPJX, WPNA and WWHN. The measurements were taken on WLTH which is licensed to operate at night from the proposed WAKE site. The measurements were made during the daytime hours with power of .25 kilowatts non-directional. Tables 1-6 are tabulations of the measurement data. Figures 8-13 are graphs of the data and Figure 14 is a graph of the reference curves used in the conductivity analysis. The meter used for the field measurements was a Potomac Instruments model FIM-41, serial number 1263, last calibrated April 30, 2018. The meter was compared to a similar meter of known recent calibration and found to be in excellent agreement on all pertinent scales. The measurements were taken by Larry Langford, who serves as the contract engineer for WAKE and WLTH, and has many years of experience conducting field measurements for FCC projects. All work was performed under the direction of the undersigned.

A summary of the measured conductivity data is as follows:

WLTH – BL-19850624AI

230° 4- 6.98, 6-27.5

250° 3-2.99, 4-5.32, 3-21.6, 4-25.4

270° 3-12.4, 5-24.7

290° 3-4.1, 4-13.6, 3-27.4

310° 3-6.13, 4-22.5, 3-26.2

330° 2-1.24, 3-8.81

DECLARATION

The foregoing was prepared by or under the immediate supervision of Charles A. Hecht of Charles A. Hecht & Associates, Inc., Freehold, New Jersey, whose qualifications are a matter of record with the Federal Communications Commission. All statements herein are true and correct of his knowledge except such statements made on information and belief, and as to those statements, he believes them to be true and correct under the penalty of perjury.

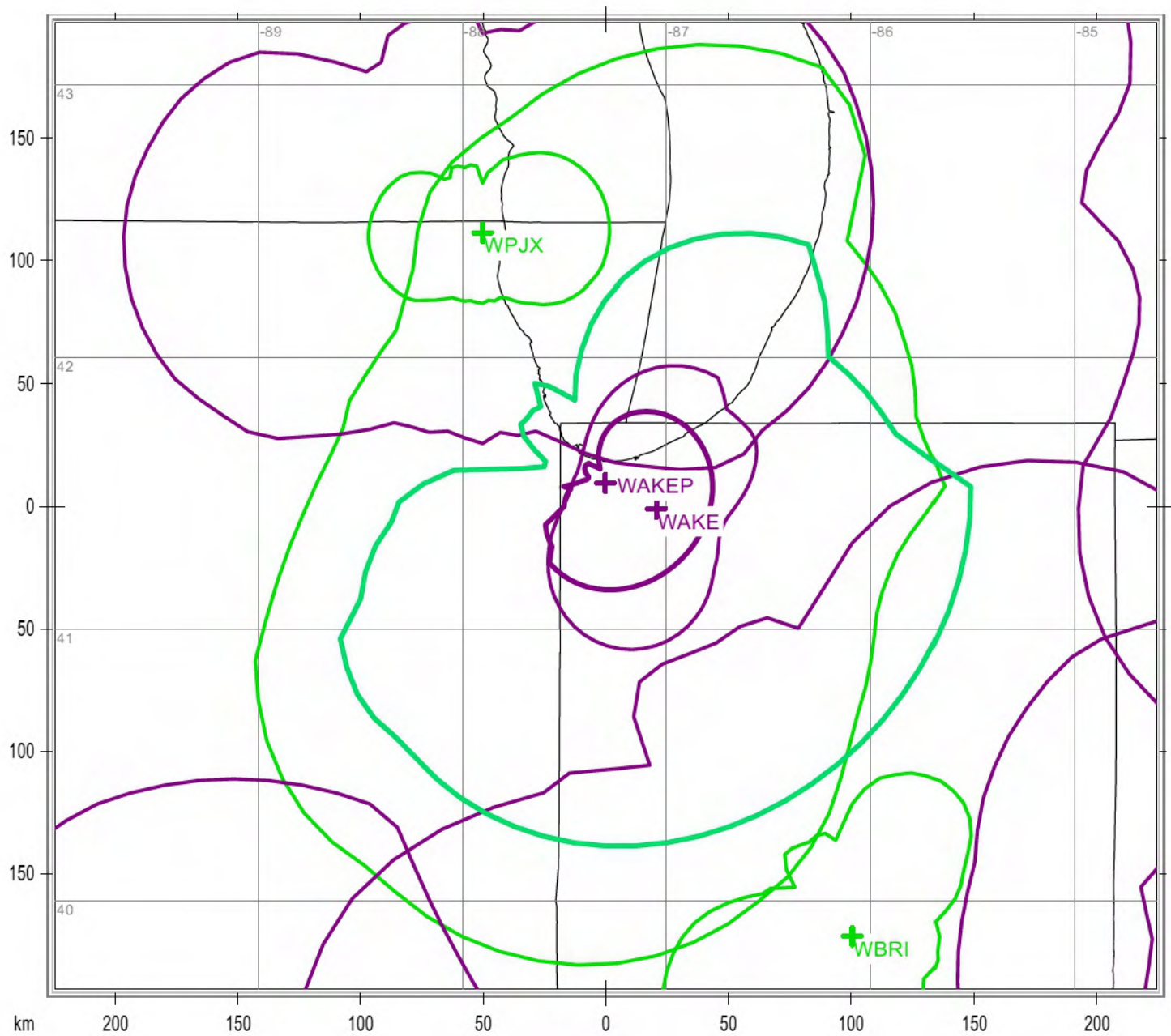
Respectfully submitted,

Charles A. Hecht

Charles A. Hecht
Charles A. Hecht & Associates, Inc.
19 Mackenzie Court
Freehold, New Jersey 07728
(732) 577-0711
February 25, 2021

FIGURE 1 - DAY CO-CHANNEL ALLOCATION STUDY

SHOWING .5 AND .025 MV/M CONTOURS, WAKE PROPOSED SHOWN IN BOLDFACE



WAKE 1500 KILOHERTZ .25 KW DA HOBART, INDIANA

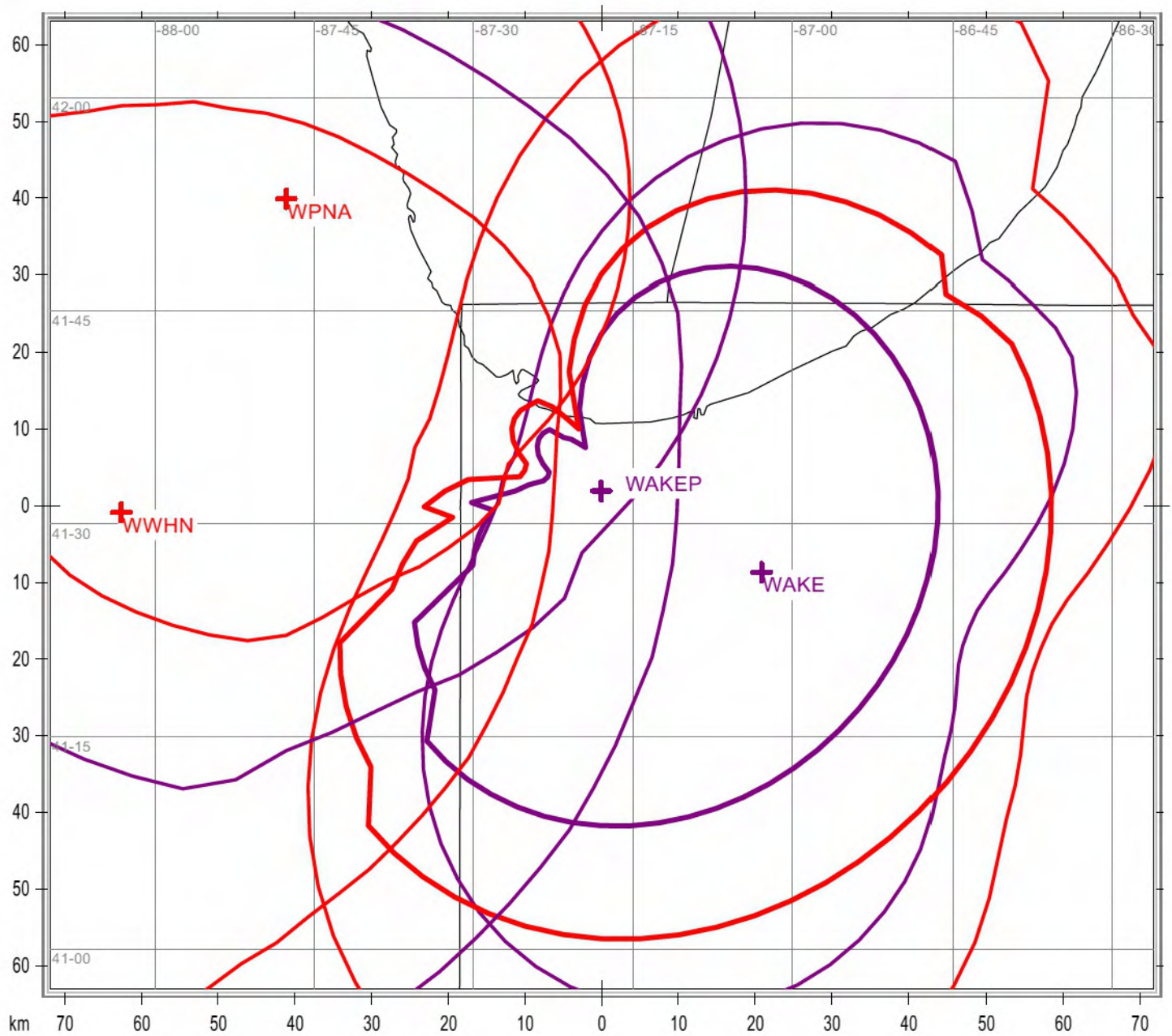
State Borders Lat/Lon Grid

Map Scale: 1:2500000 1 cm = 25.00 km V|H Size: 394.26 x 448.96 km

CHARLES A. HECHT & ASSOCIATES, INC. - FEBRUARY 2021

FIGURE 2 - ADJACENT CHANNEL ALLOCATION STUDY

SHOWING .5 AND .25 MV/M CONTOURS, WAKE PROPOSED SHOWN IN BOLDFACE



WAKE 1500 KILOHERTZ .25 KW DA HOBART, INDIANA

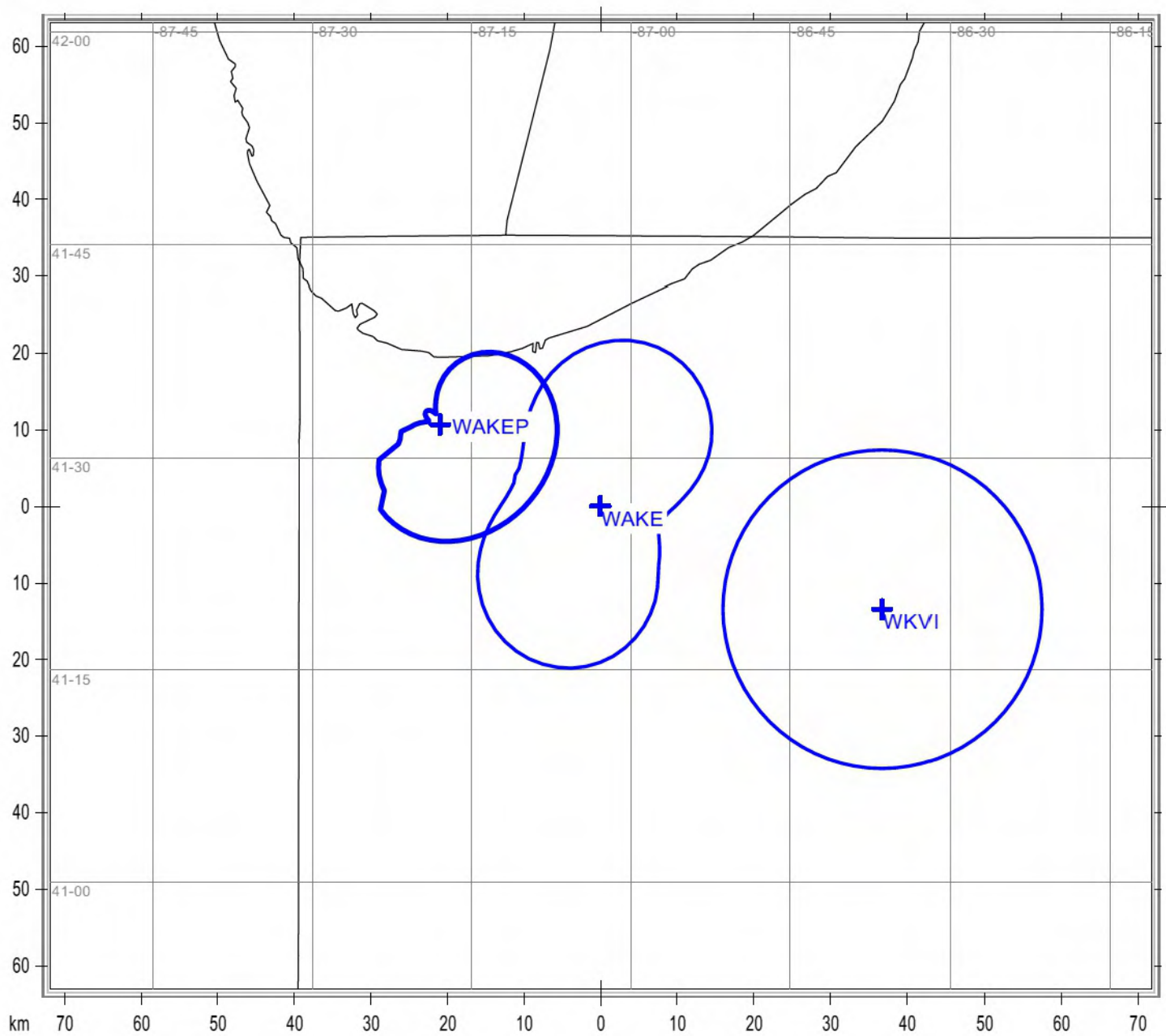
State Borders Lat/Lon Grid

Map Scale: 1:800000 1 cm = 8.00 km VJH Size: 126.16 x 143.67 km

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FIGURE 3 - 2ND ADJACENT CHANNEL ALLOCATION STUDY

SHOWING 5 MV/M CONTOURS, WAKE PROPOSED SHOWN IN BOLDFACE

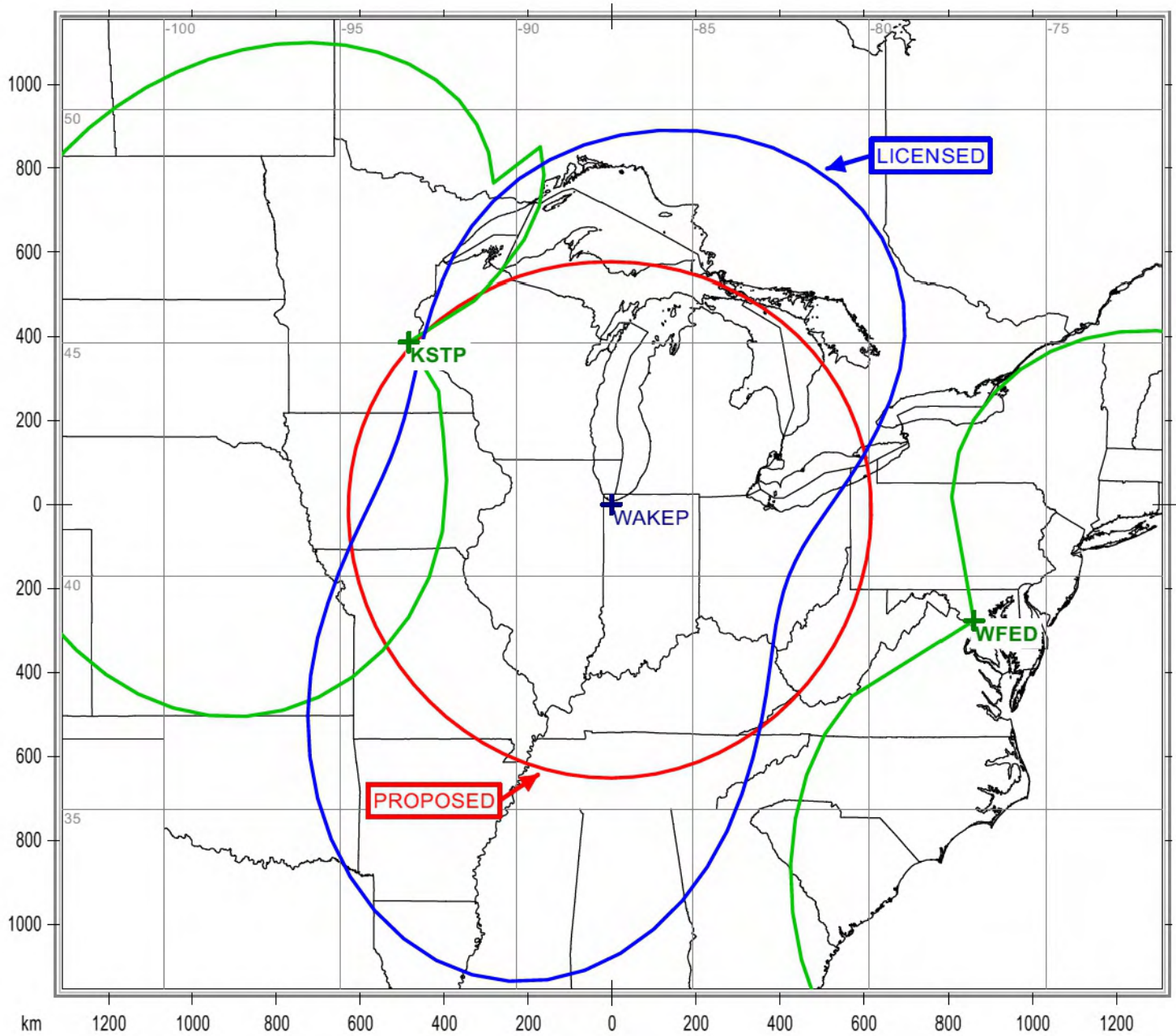


WAKE 1500 KILOHERTZ .25 KW DA HOBART, INDIANA

State Borders Lat/Lon Grid

FIGURE 4 - NIGHT CO-CHANNEL ALLOCATION STUDY

SHOWING .5 50% AND .025 10% MV/M SKYWAVE CONTOURS

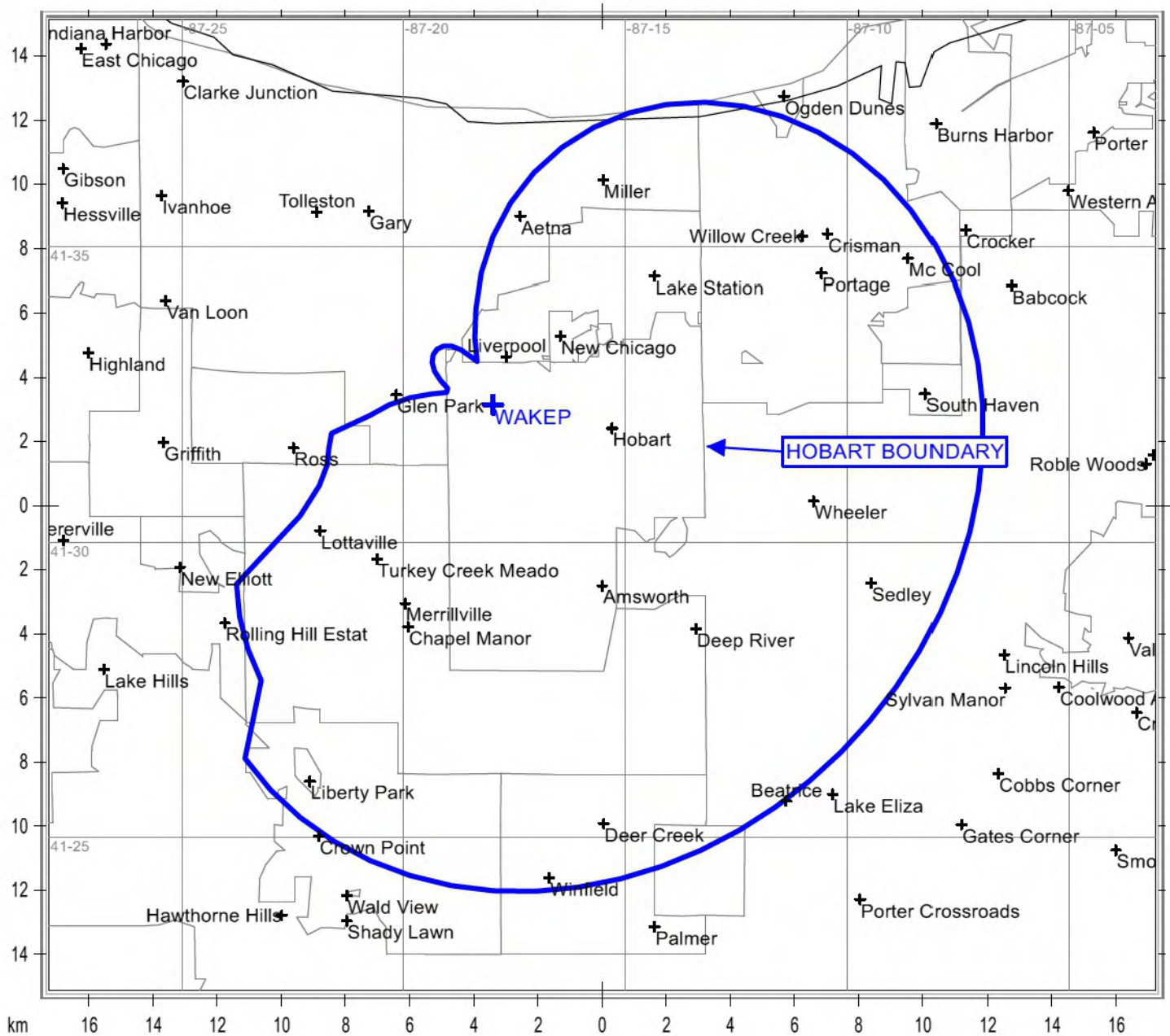


WAKE 1500 KILOHERTZ .011 KW ND HOBART, INDIANA

State Borders Lat/Lon Grid

FIGURE 5 - CITY GRADE SERVICE MAP

SHOWING 5 MV/M CONTOUR

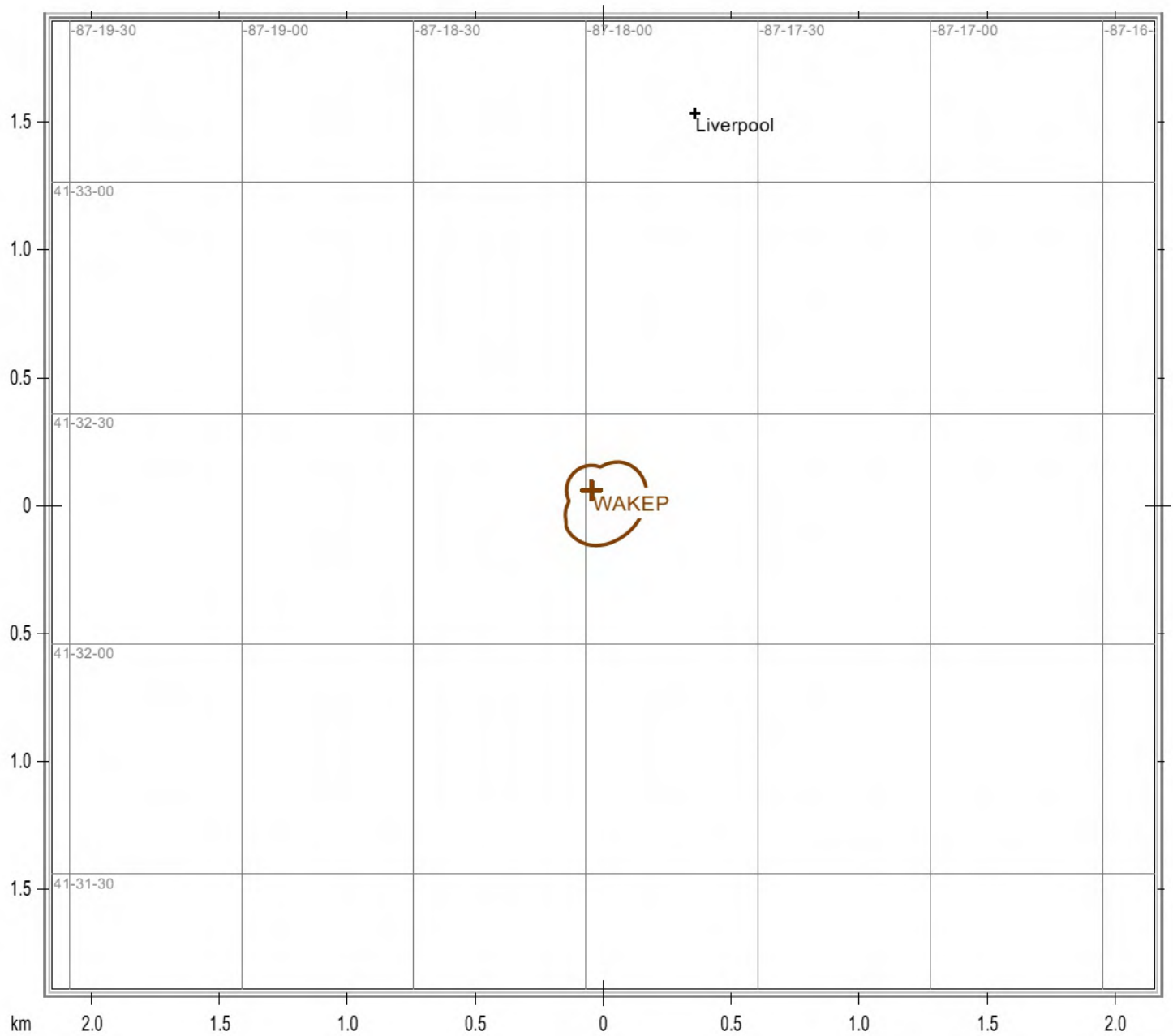


WAKE 1500 KILOHERTZ .25 KW DA HOBART, INDIANA

State Borders City Borders Lat/Lon Grid

FIGURE 6 - 1000 MV/M CONTOUR MAP

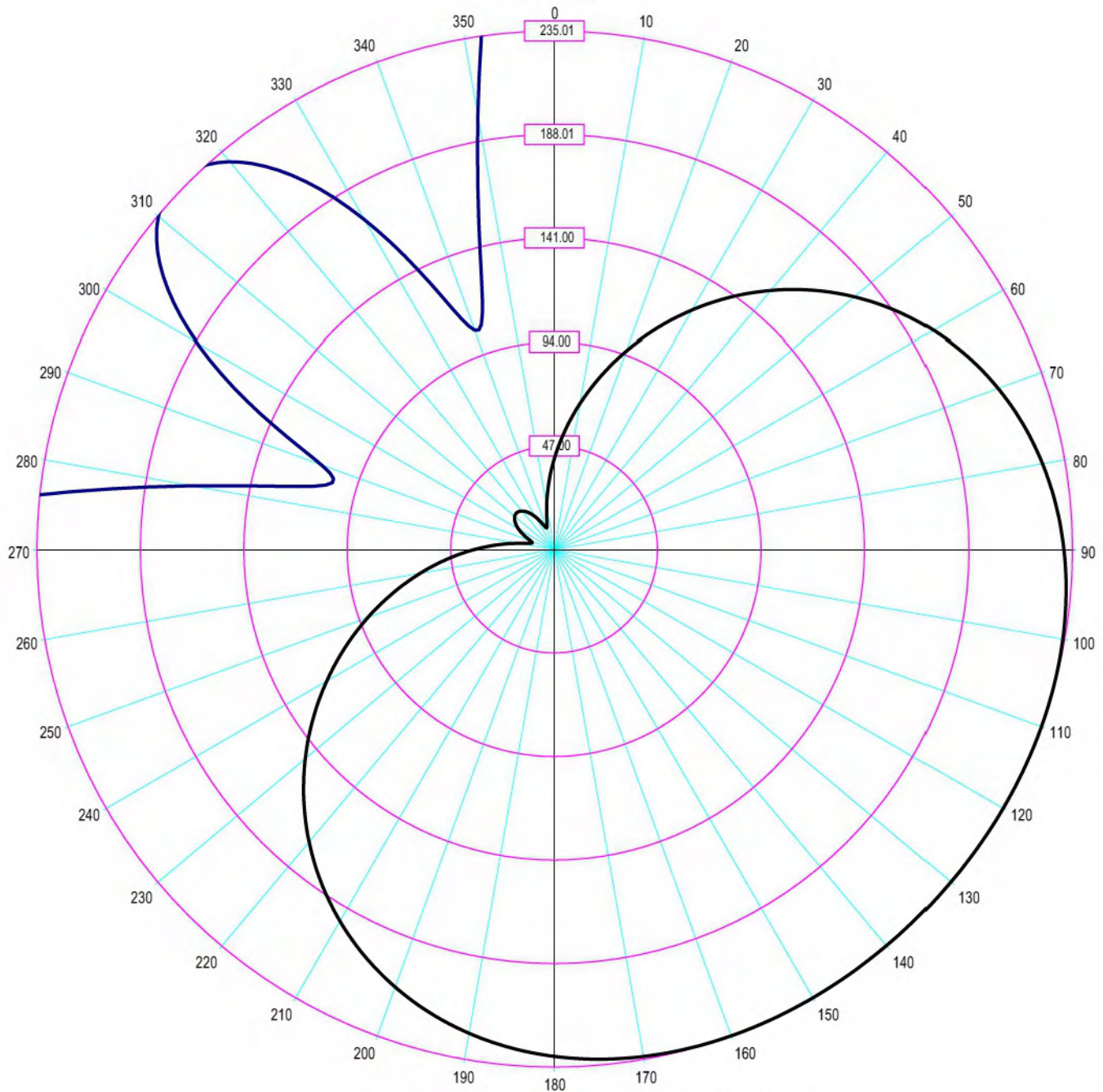
POPULATION IN CONTOUR IS 0 PERSONS



WAKE 1500 KILOHERTZ .25 KW DA HOBART, INDIANA

State Borders Lat/Lon Grid

FIGURE 7

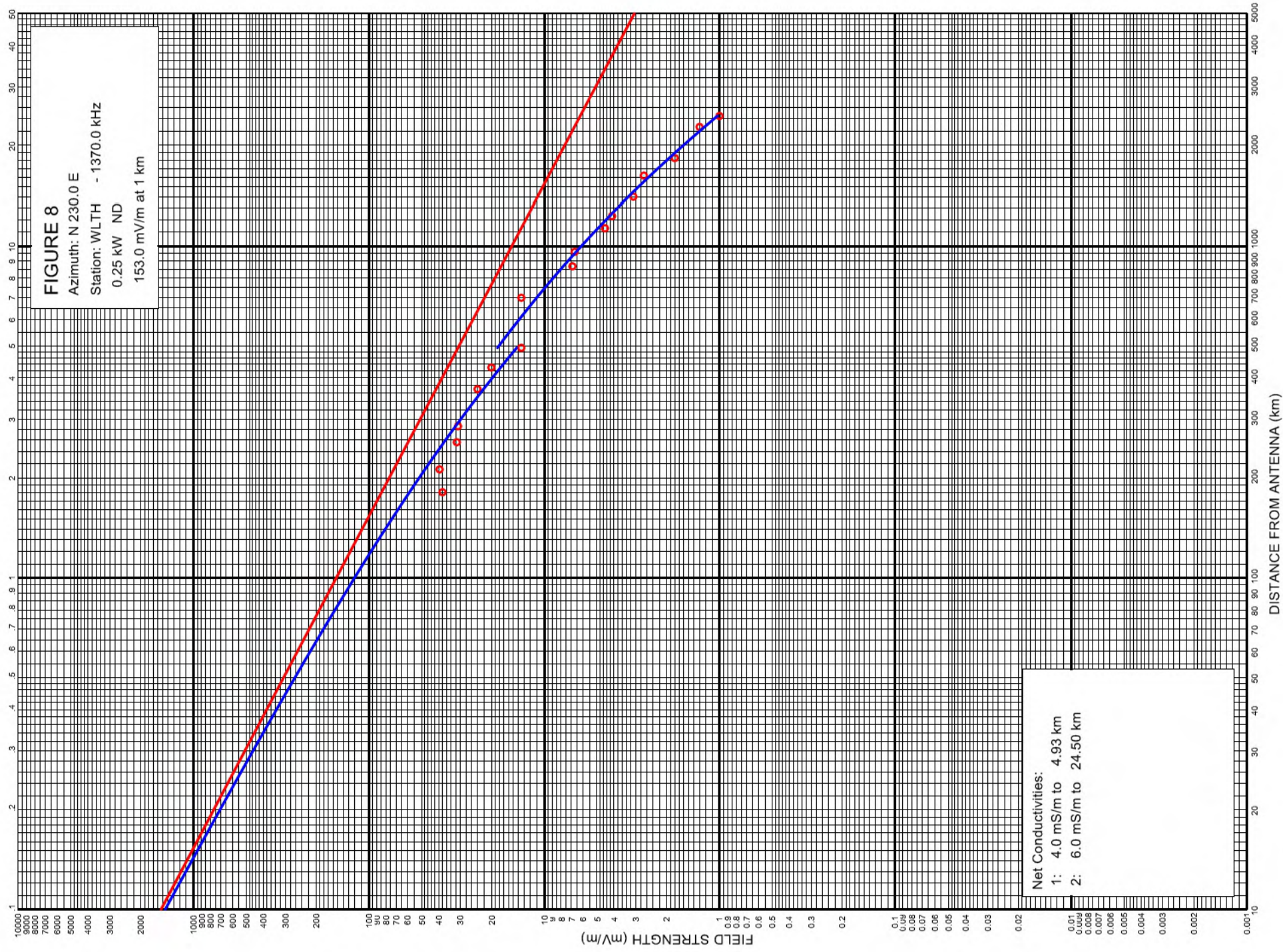


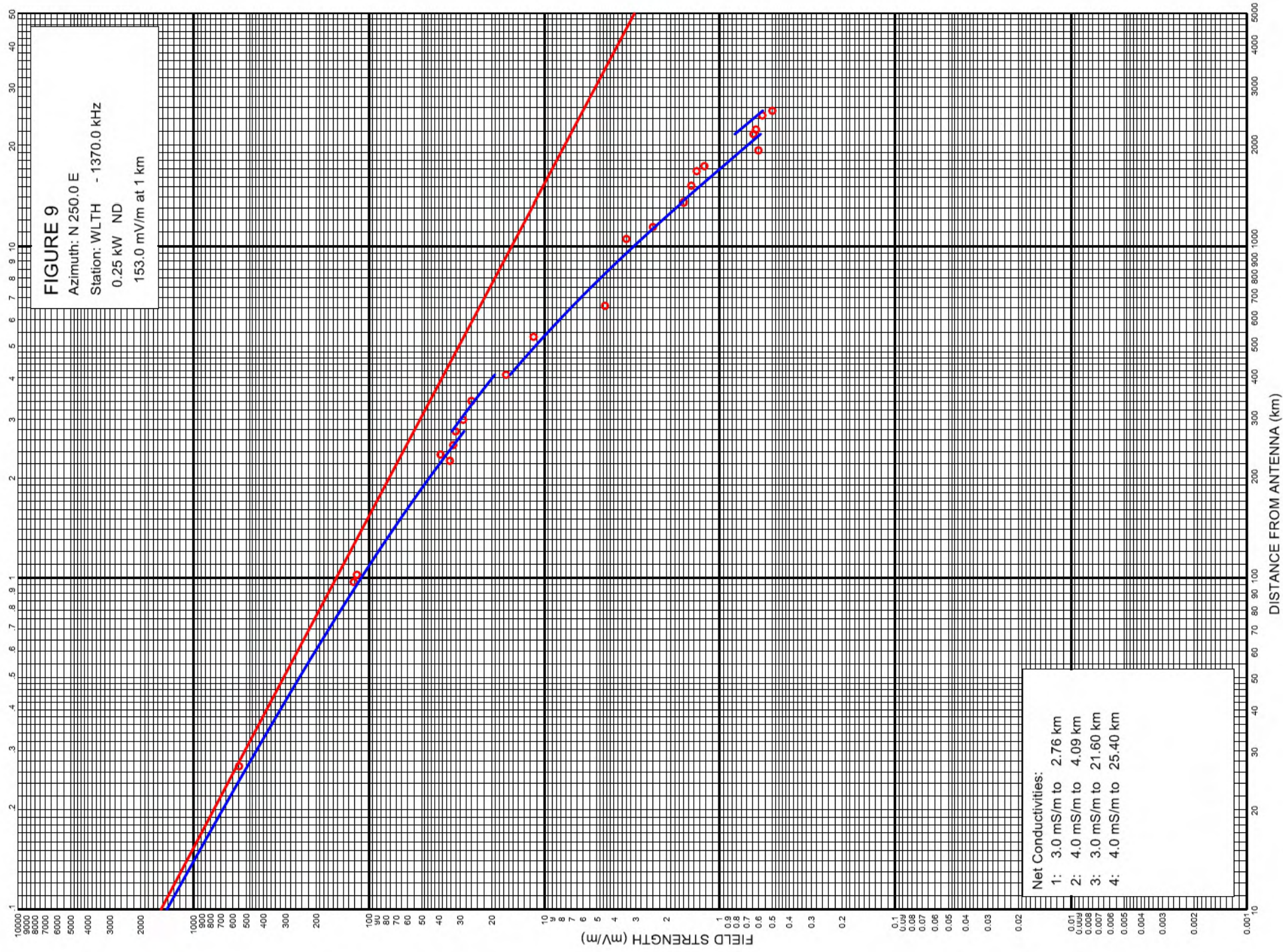
CHARLES A HECHT & ASSOCIATES, INC - FEBRUARY 2021

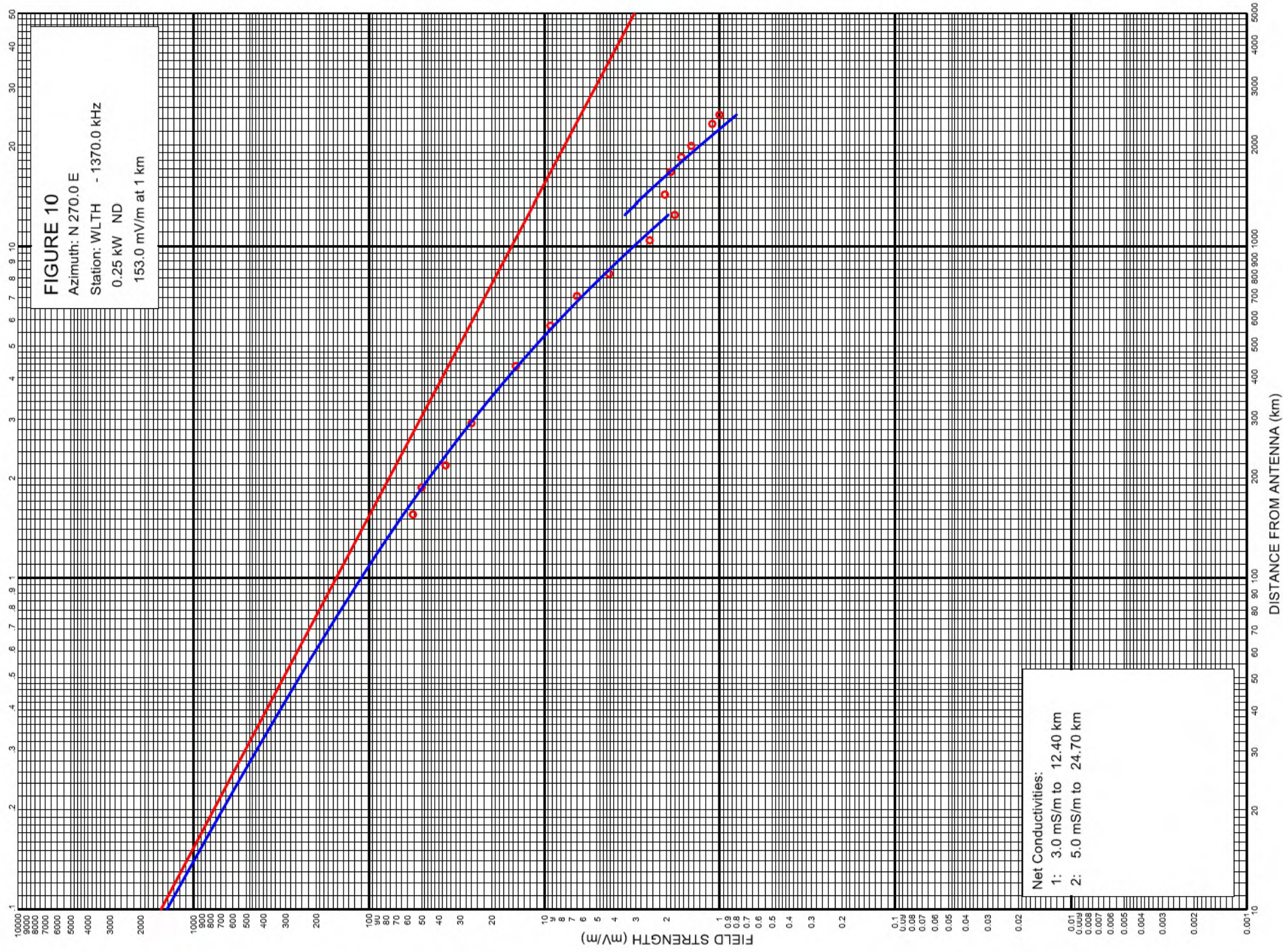
Callsign	: WAKEP	T#	Field	Phase	Spacing	Orientation	Height	Top Load	Tower Ref
Frequency	: 1500 kHz	1	1.000	0.0	0.0	0.0	98.9	0.0	0
Power	: 0.250 kw	2	1.000	268.0	98.5	134.0	98.9	0.0	0
ERSS	: 158.1 mV/m/km								
Theoret. Pattern RMS	: 157.0 mV/m/km								
Standard Pattern RMS	: 165.2 mV/m/km								
Modified Pattern RMS	:								
Latitude	: 41-32-20.0 N								
Longitude	: 87-17-59.0 W								
Number Augmentations	: 0								

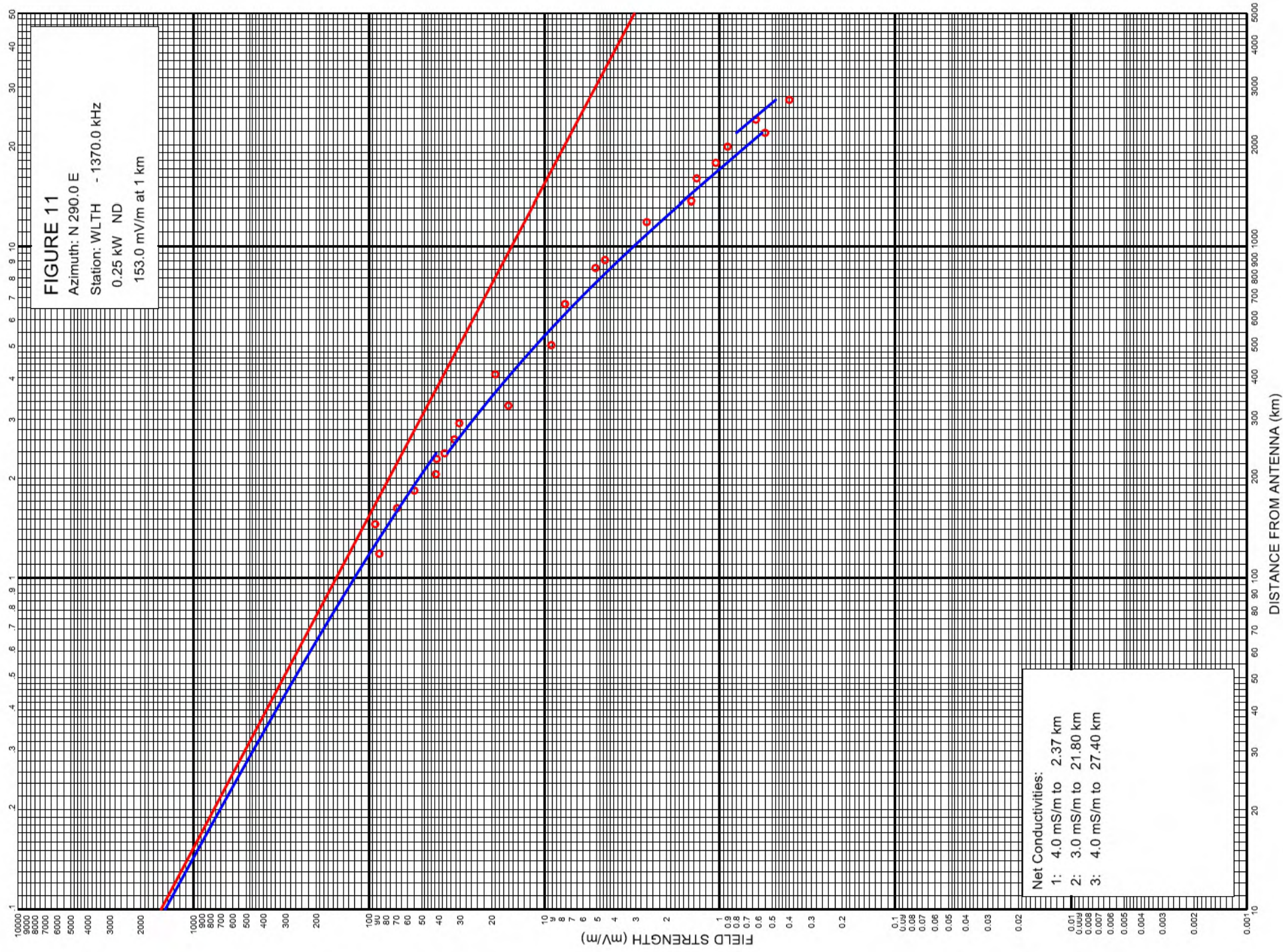
Azim	Field [mV/m]
0.0	41.270
5.0	53.869
10.0	67.344
15.0	81.450
20.0	95.948
25.0	110.595
30.0	125.148
35.0	139.370
40.0	153.034
45.0	165.934
50.0	177.893
55.0	188.765
60.0	198.448
65.0	206.881
70.0	214.044
75.0	219.962
80.0	224.698
85.0	228.345
90.0	231.026
95.0	232.878
100.0	234.053
105.0	234.702
110.0	234.971
115.0	234.996
120.0	234.893
125.0	234.758
130.0	234.657
135.0	234.632
140.0	234.690
145.0	234.811
150.0	234.943
155.0	235.007
160.0	234.900
165.0	234.496
170.0	233.655
175.0	232.227
180.0	230.061
185.0	227.010
190.0	222.940
195.0	217.741

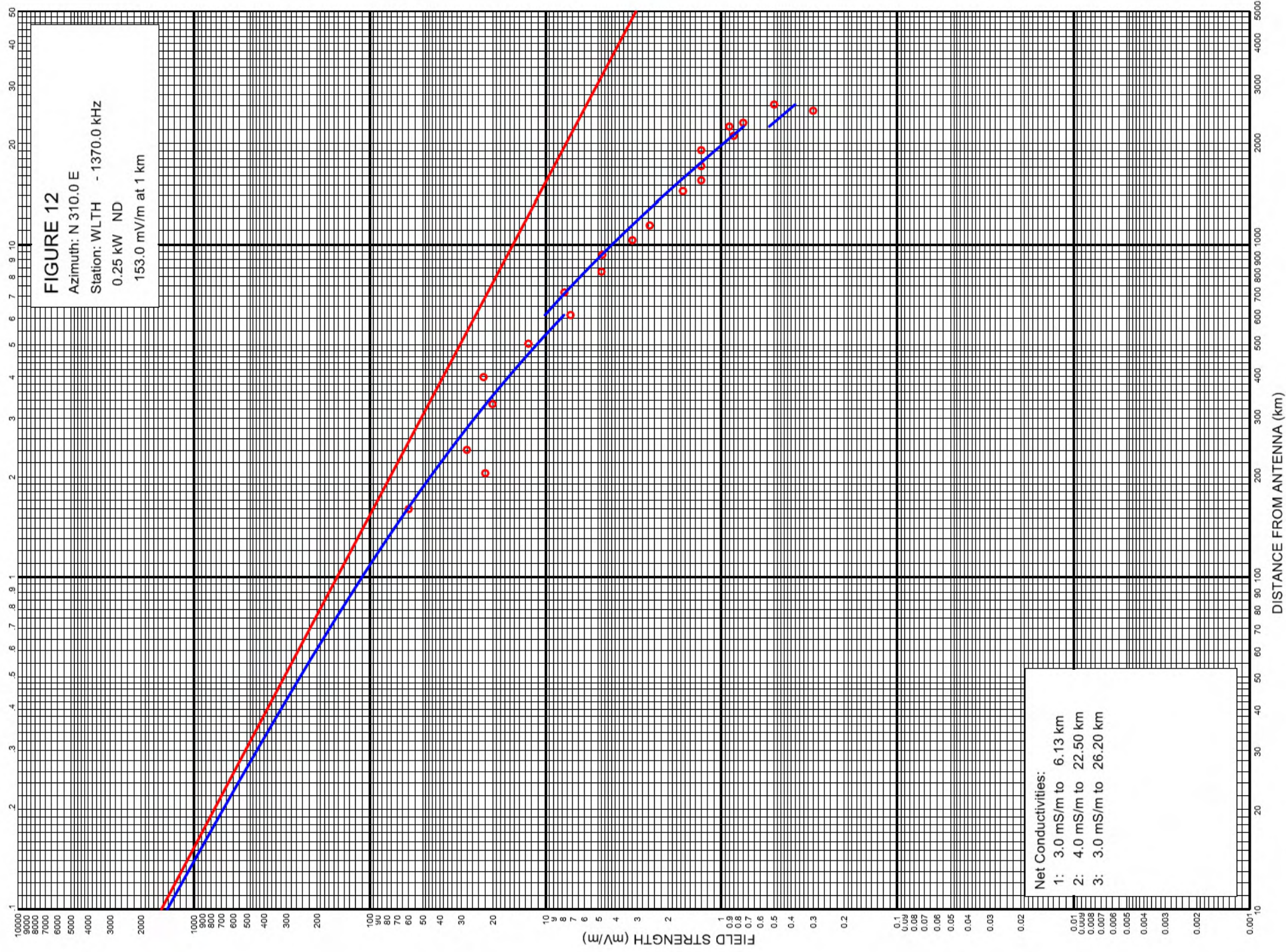
Azim	Field [mV/m]
200.0	211.330
205.0	203.660
210.0	194.723
215.0	184.554
220.0	173.232
225.0	160.878
230.0	147.649
235.0	133.736
240.0	119.353
245.0	104.734
250.0	90.117
255.0	75.748
260.0	61.865
265.0	48.710
270.0	36.537
275.0	25.668
280.0	16.697
285.0	11.163
290.0	11.259
295.0	14.859
300.0	18.727
305.0	21.714
310.0	23.472
315.0	23.883
320.0	22.927
325.0	20.655
330.0	17.250
335.0	13.265
340.0	10.556
345.0	12.795
350.0	19.993
355.0	29.831











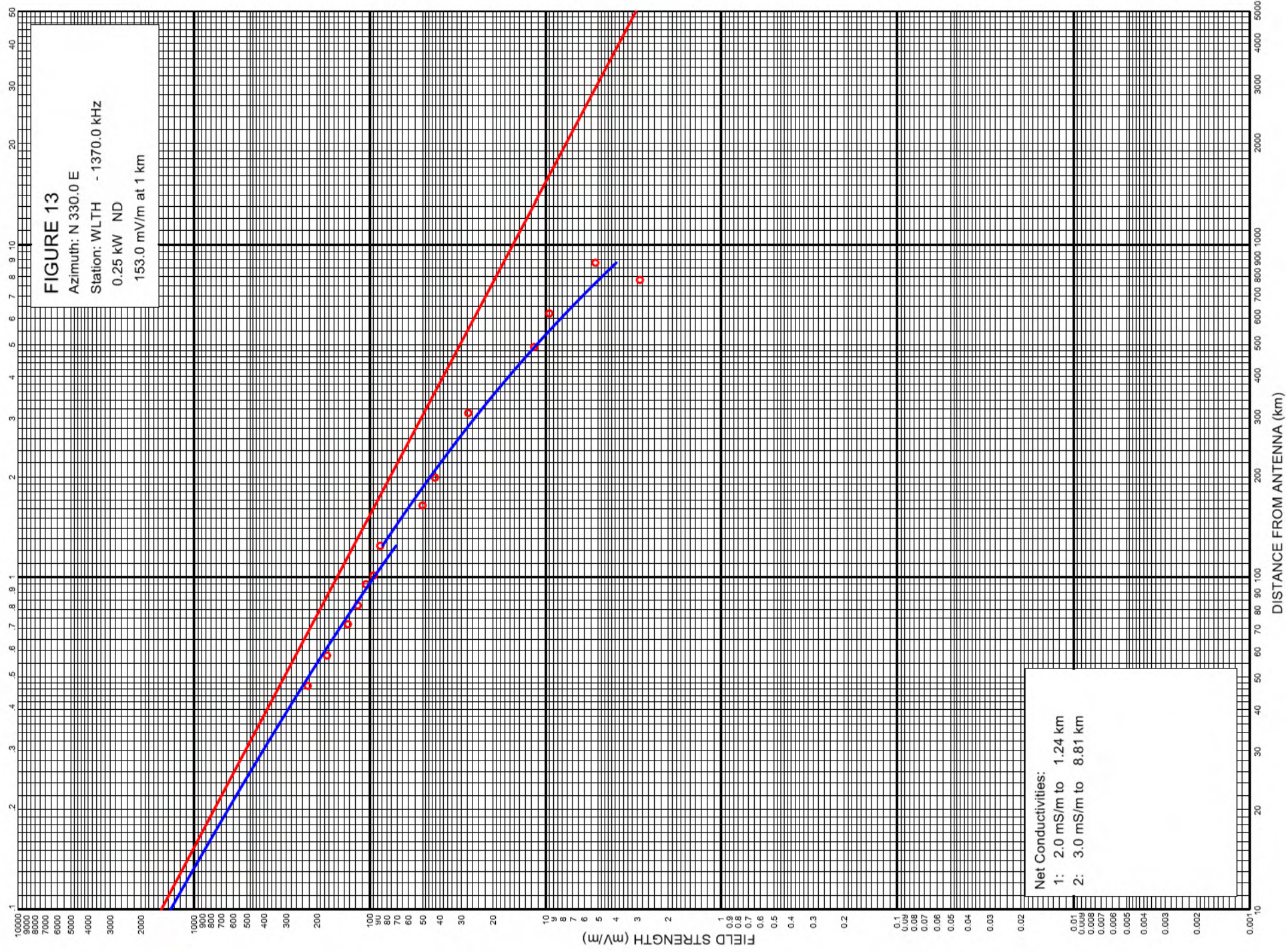


FIGURE 14

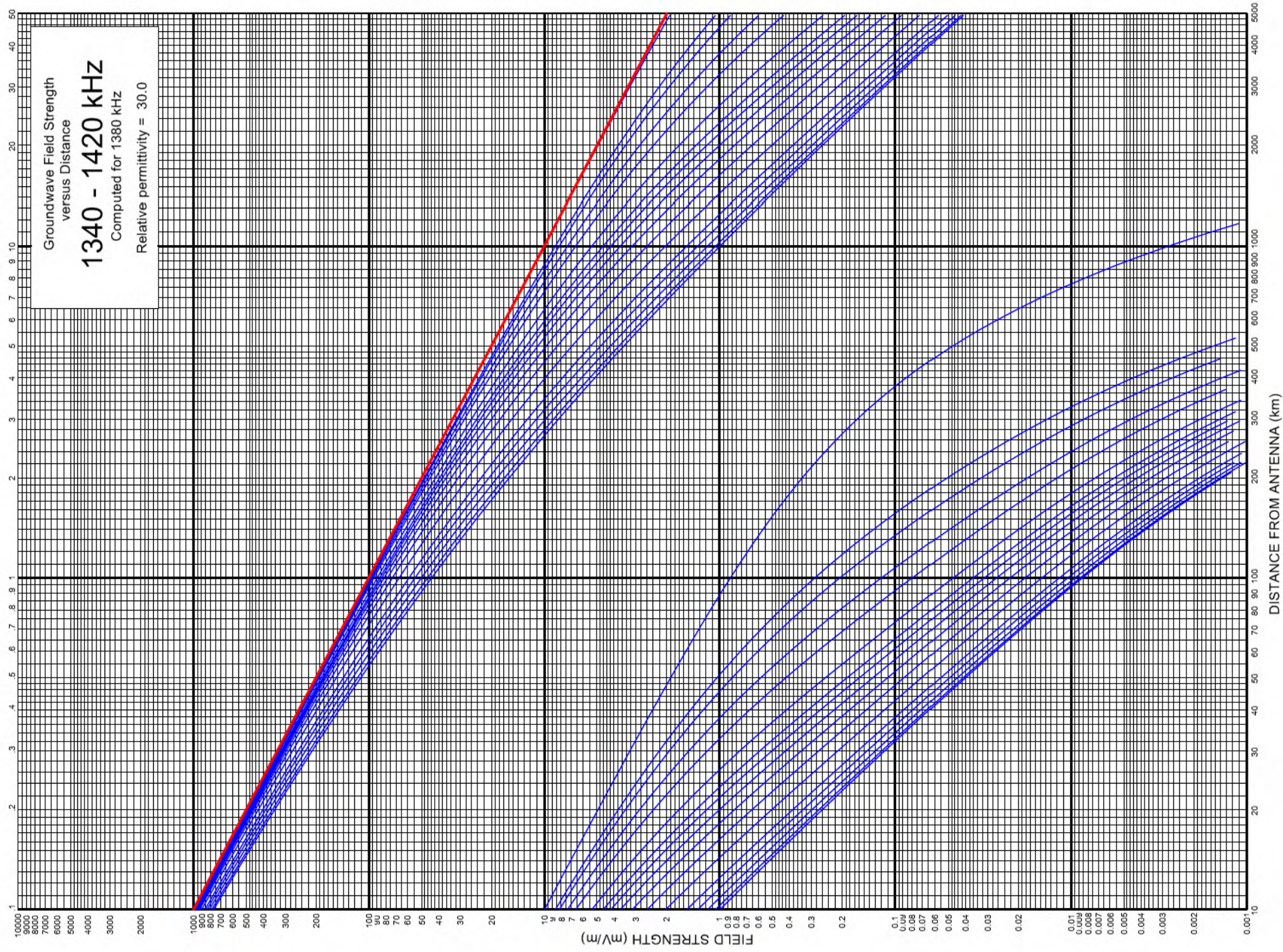


TABLE 1
FIELD STRENGTH MEASUREMENTS
.25 KW NON-DIRECTIONAL
WLTH 1370 KILOHERTZ
GARY, INDIANA
FEBRUARY 2021

230 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local) 01/08/21</u>	<u>Field mV/m</u>
1	1.81	1240	38.0
2	2.12	1237	39.5
3	2.56	1233	31.5
4	2.86	1231	31.0
5	3.70	1225	24.0
6	4.30	1215	20.0
7	4.93	1210	13.5
8	6.98	1102	9.50
9	8.68	1116	6.90
10	9.60	1056	6.70
11	11.30	1033	4.50
12	12.30	1036	4.10
13	14.00	1002	3.10
14	16.20	954	2.70
15	18.30	944	1.80
16	22.70	926	1.30
17	24.50	916	1.00

TABLE 2
FIELD STRENGTH MEASUREMENTS
.25 KW NON-DIRECTIONAL
WLTH 1370 KILOHERTZ
GARY, INDIANA
FEBRUARY 2021

250 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local)</u>	<u>Field mV/m</u>
		01/19/21	
1	0.27	1238	550
2	0.97	1213	122
3	1.02	1208	117
4	2.25	1310	34.5
5	2.35	1259	39.0
6	2.51	1201	33.0
7	2.76	1153	32.0
8	2.99	1143	29.0
		01/08/21	
9	3.41	1307	26.0
10	4.09	1311	16.5
11	5.32	1317	11.5
12	6.60	1355	3.40
13	10.50	1341	4.50
14	11.40	1408	2.40
15	13.50	1420	1.60
16	15.10	1430	1.45
17	16.70	1440	1.35

250 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local) 01/09/21</u>	<u>Field mV/m</u>
18	17.30	913	1.22
19	19.30	920	0.60
20	21.60	928	0.64
21	22.30	932	0.62
22	24.60	941	0.57
23	25.40	954	0.50

TABLE 3
FIELD STRENGTH MEASUREMENTS
.25 KW NON-DIRECTIONAL
WLTH 1370 KILOHERTZ
GARY, INDIANA
FEBRUARY 2021

270 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local) 01/02/21</u>	<u>Field mV/m</u>
1	1.55	1253	56.0
2	1.87	1258	39.5
3	2.18	1304	50.0
4	2.92	1310	36.5
5	4.34	1317	14.5
6	5.75	1323	9.20
7	7.06	1329	6.50
8	8.24	1335	4.25
9	10.40	1346	3.50
10	12.40	1354	1.80
11	14.20	1400	2.05
12	16.60	1409	1.90
13	18.40	1420	1.65
14	19.90	1426	1.45
15	23.20	1433	1.10
16	24.70	1438	1.00

TABLE 4
FIELD STRENGTH MEASUREMENTS
.25 KW NON-DIRECTIONAL
WLTH 1370 KILOHERTZ
GARY, INDIANA
FEBRUARY 2021

290 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local)</u>	<u>Field mV/m</u>
		01/19/21	
1	1.18	1016	87.0
2	1.45	1009	92.0
3	1.62	1014	69.0
4	1.83	1017	55.0
5	2.05	1021	41.5
6	2.28	1025	41.0
7	2.37	1028	37.0
8	2.61	1031	32.5
9	2.92	1035	30.5
		01/02/21	
10	3.30	1104	16.0
11	4.10	1110	19.0
12	5.02	1035	9.10
13	6.68	1126	7.60
14	8.58	1240	5.10
15	9.07	1050	4.50
16	11.80	1017	2.60
17	13.60	1012	1.45
18	15.90	1002	1.35
19	17.70	930	1.05

290 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local) 01/02/21</u>	<u>Field mV/m</u>
20	19.80	916	1.22
21	21.80	909	0.60
22	23.90	904	0.64
23	27.40	856	0.62

TABLE 5
FIELD STRENGTH MEASUREMENTS
.25 KW NON-DIRECTIONAL
WLTH 1370 KILOHERTZ
GARY, INDIANA
FEBRUARY 2021

310 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local)</u>	<u>Field mV/m</u>
		01/02/21	
1	1.60	1520	60.0
2	2.05	1524	22.0
3	2.41	1528	28.0
4	3.31	1533	20.0
5	3.99	1537	22.5
6	5.03	1547	12.5
7	6.13	1555	7.20
8	7.17	1600	7.80
9	8.28	1606	4.80
		01/03/21	
10	9.31	1446	4.75
11	10.30	1440	3.20
12	11.40	1433	2.55
13	14.40	1423	1.65
14	15.50	1416	1.30
15	17.10	1407	1.30
16	19.10	1359	1.30
17	21.10	1351	0.85
18	22.50	1344	0.90
19	23.10	1339	0.75
20	25.10	1332	0.30
21	26.20	1326	0.55

TABLE 6
FIELD STRENGTH MEASUREMENTS
.25 KW NON-DIRECTIONAL
WLTH 1370 KILOHERTZ
GARY, INDIANA
FEBRUARY 2021

330 DEGREES TRUE RADIAL

<u>Point Number</u>	<u>Distance km</u>	<u>Date/Time (local)</u>	<u>Field mV/m</u>
		01/19/21	
1	0.47	1036	225
2	0.58	1038	175
3	0.72	1040	133
4	0.82	1044	117
5	0.95	1048	105
6	1.01	1051	95.0
7	1.24	1057	87.0
		01/03/21	
8	1.64	1542	50.0
9	1.99	1548	42.5
10	3.11	1553	27.5
11	4.91	1559	11.6
12	6.20	1607	9.50
13	7.82	1615	2.90
14	8.81	1625	5.20

Community of License Change

Section 307(b) Legal Exhibit

Marion R. Williams (“Williams”), licensee of Radio Station WAKE (AM), Facility Id. No. 53057, Valparaiso, Indiana (the “Station”), proposes to modify its authorization to change its community of license to Hobart, Indiana, and make the technical changes specified in the engineering section of this application. This application is being submitted pursuant to the procedures set forth in the Commission’s rules authorizing licensees to submit minor modification applications to propose changes in their facility’s community of license.¹

I. Hobart is a “Community” for Assignment Purposes

Hobart, Indiana, founded in 1847, was incorporated in 1889 as a town and re-incorporated as a city in 1921. Hobart has a 2010 US Census population of 29,059 and a total land area of 26.705 square miles. Hobart has its own city government with a Mayor, Fire Department, Police Department, Department of Public Works, Parks Department, school district, numerous retail establishments, light industry and recreational facilities. Consequently, Hobart falls well within the well-established standard of a “geographically-identifiable population grouping” that constitutes a licensable community. See, e.g., *FM Channel Policies/Procedures*, 90 FCC 2d 88, 101(1982); *East Hemet, California et al.*, 4 FCC Rcd 7895, 7896 (M.M. Bur. 1989); *Grema, Marianna, Quincy and Tallahassee, Florida*, 6 FCC Rcd 633 (M.M. Bur 1991). However, no radio stations, AM or FM, are assigned to Hobart.

II. AM Assignment Priorities

This application is subject to the standards of evaluation under 307(b) of the Communications Act of 1934, as amended, as established in Commission precedent, but is not subject to the “rebuttable presumption” announced in the Second Report and Order in *Policies to Promote Rural Radio and to Streamline Allotment and Assignment Procedures*.²

¹ 47 C.F.R. § 1.420(i); *Revision of Procedures Governing Amendments to FM Table of Allotments and Changes of Community of License in the Radio Broadcast Services*, Report and Order, 21 FCC Rcd 14212 (2006).

² *Policies to Promote Rural Radio Service and to Streamline Allotment and Assignment Procedures*; Second Report and Order, First Order on Reconsideration and Second Further Notice of Proposed Rulemaking, 25 FCC Rcd 2556, ¶¶ 36-40. (2011) (“*Rural Radio*”).

A station may change its community of license without subjecting the license to other expressions of interest if (1) the proposed allotment is mutually exclusive with the current allotment; (2) the current community of license will not be deprived of its only local service; and (3) the proposed arrangement of allotments is preferred under the Commission's allotment priorities.³ Additionally, when the proposed community is located inside an Urbanized area, the Commission has required an applicant to file a *Tuck* showing that the proposed community is independent of the Urbanized Area to warrant a first local service preference. Subsequently, the Commission "...established a rebuttable presumption that, when the community proposed is located in an urbanized area...we will treat the application, for Section 307(b) purposes, as proposing service to the entire urbanized area rather than the named community of license."

In *Gearhart, Madras, Manzanita and Seaside, Oregon*, 26 FCC Rcd 10259, 10263(MB, 2011), the Commission concluded that a *Tuck* showing was unnecessary in that the station's current and proposed communities were both located within an Urbanized Area "because such intra-urbanized moves do not present the same concerns as rural to urban moves" reaffirming *East Los Angeles, Long Beach and Frazier Park, California*, 10 FCC Rcd 2864 (MMB 1995).

As demonstrated in the associated Engineering 307(b) Exhibit, (1) the proposed assignment is mutually exclusive with the existing assignment and (2) Valparaiso, Indiana will not be deprived of its only local service. Further, the proposed allotment will result in a preferential arrangement of allotments under the FM allotment priorities, as applied to AM community of license relocations, as revised by *Rural Radio, supra*. The FM allotment priorities are (1) first full-time aural service; (2) second full-time aural service; (3) first local transmission service; and (4) other public interest matters.

In determining whether WAKE (AM)'s proposed licensing to Hobart is preferable to its present licensing to Valparaiso, the changes proposed will add a **first local transmission service** to Hobart. Consequently, the **third allotment priority** is satisfied by the instant proposal.

Further, since Valparaiso and Hobart are both located in the Chicago Urbanized area, the "rebuttable presumption" is not applicable and a *Tuck* showing is not required as the proposed move is within the same Urbanized area.

Conclusion

As shown above, the proposed change of community of license of WAKE (AM) from Valparaiso to Hobart, Indiana would best serve the public interest because it would (1) provide a first local full-time transmission service to a significant community, Hobart, while retaining two local radio stations in Valparaiso and would, therefore, better further a "fair, efficient, and

³ See *Amendment of the Commission's Rules Regarding Modification of FM and TV Authorizations to specify a New Community of License*, Report and Order, 4 FCC Rcd 4870 (1989), recons. granted in part, Memorandum Opinion and Order, 5 FCC Rcd 7094 (1990).

equitable distribution of radio service' under Section 307(b) of the Communications Act. Consequently, the instant application should be granted.

MINOR CHANGE APPLICATION
MARION R. WILLIAMS
WAKE (AM) RADIO STATION
has: 1500 KHZ - 0.025/1.0 kW DA1
VALPARAISO, INDIANA
req: 1500 KHZ - 0.008/0.19/0.25 kW NDN/DACH/DAD
HOBART, INDIANA
April 2018

EXHIBIT #6

City of License Change Review

This application seeks to change the community of license of WAKE, 1500 kHz, from Valparaiso, Indiana to Hobart, Indiana using the city of license change procedures, as outlined in MB Docket 05-210, released November 29, 2006. Williams herein reviews the proposed change and demonstrates its compliance with the Commission's rules/procedures for the change.

Hobart, a community in northwestern Indiana has a population of 29,059 persons¹ and is part of the Chicago, Illinois Metropolitan Statistical Area. Processing of the WAKE change of city of license application is requested under Priority 4, other public service factors. It is noted that FM stations WLJE, Channel 288A, 105.5 MHz and WZLB-FM, Channel 276C2, 103.1 MHz, remain as full service FM stations licensed to Valparaiso, Indiana. This proposal is mutually exclusive with the WAKE license.

Exhibit #6A shows the present and proposed contours of WAKE. There is an area of lost service covering a population of 76,711 persons. There is an area of gain service covering a population of 91,653 persons. This results in an overall gain of service to 14,972 persons.

1) 2010 Census

Exhibits #6B and #6C demonstrate that there is no loss of 1st, 2nd, 3rd, 4th or 5th service within these areas. Consequently, the loss areas are well served with five or more aural services.

Excluding the subject station of WAKE, Exhibit #6D shows the radio services providing a primary service contour to Hobart, Indiana. Exhibit #6E is a tabulation of those stations.

Therefore, Williams proposes the following audio services:

Hobart, Indiana

<u>Present</u>		<u>Proposed</u>	
None		WAKE	1500 kHz

Valparaiso, Indiana

<u>Present</u>		<u>Proposed</u>	
WAKE	1500 kHz	WLJE	Ch 288A
WLJE	Ch 288A	WZLB-FM	Ch 275C2
WZLB-FM	Ch 275C2		

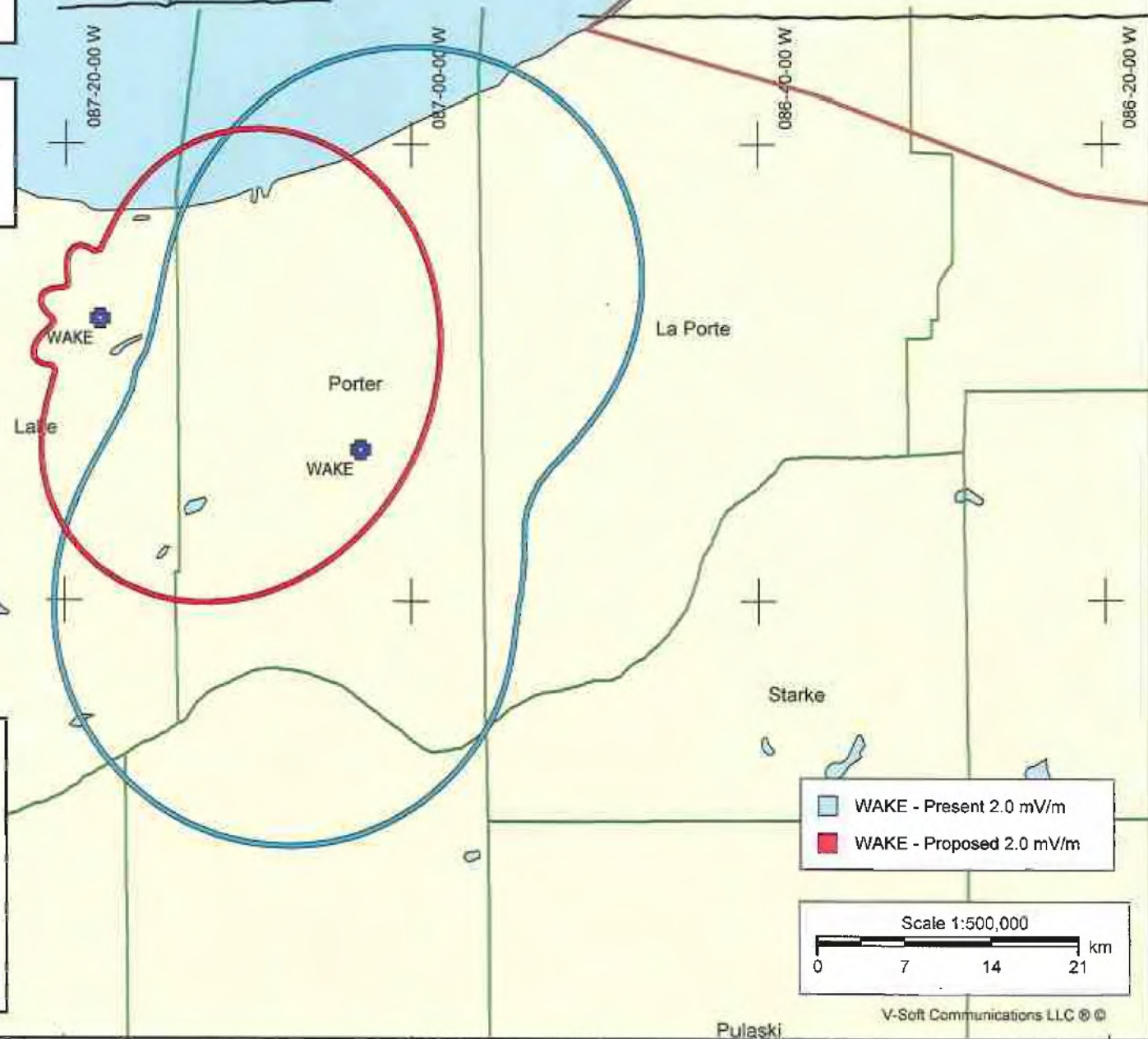
As proposed, there will result an overall gain of population service as detailed below:

WAKE Licensed 2.0 mV/m Service:	249,246
WAKE Proposed 2.0 mV/m Service:	264,188
WAKE Overall Gain:	14,942

WAKE - VALPARAISO, IN - Present
Freq: 1500 kHz - Class: D
Latitude: 41-26-36 N / Longitude: 087-02-54 W
Power: 1 kW - RMS: 297.36 mV/m @1km
Towers: 2 - # Augs: 8

WAKE - HOBART, IN - Proposed
Freq: 1500 kHz - Class: D
Latitude: 41-32-20 N / Longitude: 087-17-59 W
Power: 0.25 kW - RMS: 165.673 mV/m @1km
Towers: 3 - # Augs: 0

EXHIBIT #6A
MINOR CHANGE APPLICATION
MARION R. WILLIAMS
WAKE (AM) RADIO STATION
has: 1500 kHz - 0.025/1.0 kW DA1
VALPARAISO, INDIANA
req: 1500 kHz - 0.008/0.19/0.25 kW
NDN/DACH/DAD
HOBART, INDIANA
April, 2018



Service Count: PGON, WAKE Loss Area

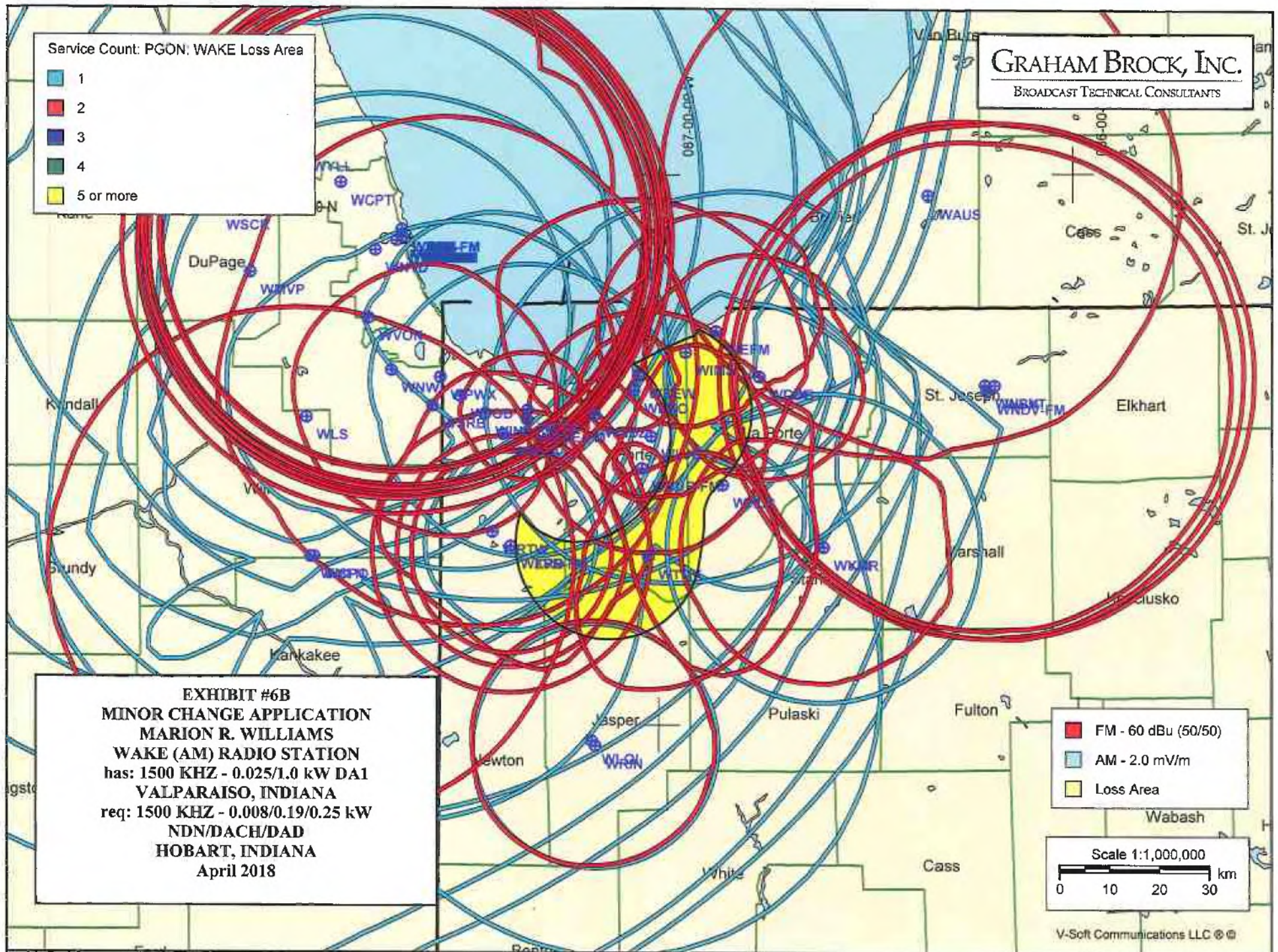


EXHIBIT #6B
MINOR CHANGE APPLICATION
MARION R. WILLIAMS
WAKE (AM) RADIO STATION
has: 1500 KHZ - 0.025/1.0 kW DA1
VALPARAISO, INDIANA
req: 1500 KHZ - 0.008/0.19/0.25 kW
NDN/DACH/DAD
HOBART, INDIANA
April 2018

FM - 60 dBu (50/50)
AM - 2.0 mV/m
Loss Area

Scale 1:1,000,000
0 10 20 30 km

MINOR CHANGE APPLICATION
MARION R. WILLIAMS
WAKE (AM) RADIO STATION
has: 1500 KHZ - 0.025/1.0 kW DA1
VALPARAISO, INDIANA
req: 1500 KHZ - 0.008/0.19/0.25 kW NDN/DACH/DAD
HOBERT, INDIANA
April 2018

EXHIBIT #6C

Service Count Population Report - Service Count: PGON: WAKE Loss Area

Reference Area: PGON: WAKE Loss Area

Counting Grid Cell Size: 0.5 sq. km

Population Database: 2010 US Census (PL)

Services Included in Count:

FM	AM
WBEZ (218): FCC F(50-50) 60.00 dBu (FCC HAAT)	WRIN : Imported: 2.0 mV/m
WXRT (226): FCC F(50-50) 60.00 dBu (FCC HAAT)	WKVI : Imported: 2.0 mV/m
WLIT-FM (230): FCC F(50-50) 60.00 dBu (FCC HAAT)	WIMS : Imported: 2.0 mV/m
WLS-FM (234): FCC F(50-50) 60.00 dBu (FCC HAAT)	WLOI : Imported: 2.0 mV/m
WEBG (238): FCC F(50-50) 60.00 dBu (FCC HAAT)	WJOB : Imported: 2.0 mV/m
WBBM-FM (242): FCC F(50-50) 60.00 dBu (FCC HAAT)	WNND : Imported: 2.0 mV/m
WDRV (246): FCC F(50-50) 60.00 dBu (FCC HAAT)	WLS : Imported: 2.0 mV/m
WCKL-FM (250): FCC F(50-50) 60.00 dBu (FCC HAAT)	WIND : Imported: 2.0 mV/m
WEMT (254): FCC F(50-50) 60.00 dBu (FCC HAAT)	WLTH : Imported: 2.0 mV/m
WUSN (258): FCC F(50-50) 60.00 dBu (FCC HAAT)	WMFN : Imported: 2.0 mV/m
WCPQ (260): FCC F(50-50) 60.00 dBu (FCC HAAT)	WVON : Imported: 2.0 mV/m
WSHE-FM (262): FCC F(50-50) 60.00 dBu (FCC HAAT)	WNDZ : Imported: 2.0 mV/m
WKQX (266): FCC F(50-50) 60.00 dBu (FCC HAAT)	WWCA : Imported: 2.0 mV/m
WTMX (270): FCC F(50-50) 60.00 dBu (FCC HAAT)	WNWI : Imported: 2.0 mV/m
WVAZ (274): FCC F(50-50) 60.00 dBu (FCC HAAT)	WMVP : Imported: 2.0 mV/m
WKSC-FM (278): FCC F(50-50) 60.00 dBu (FCC HAAT)	WCPT : Imported: 2.0 mV/m
WBMX (282): FCC F(50-50) 60.00 dBu (FCC HAAT)	WBBM : Imported: 2.0 mV/m
WOJO (286): FCC F(50-50) 60.00 dBu (FCC HAAT)	WSCR : Imported: 2.0 mV/m
WCFS-FM (290): FCC F(50-50) 60.00 dBu (FCC HAAT)	WYLL : Imported: 2.0 mV/m
WSRB (292): FCC F(50-50) 60.00 dBu (FCC HAAT)	WGN : Imported: 2.0 mV/m
WGCI-FM (298): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WDSO (202): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WTMK (203): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WGVE-FM (204): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WLPR-FM (206): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WBEW (208): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WHLR (210): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WRTW (213): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WPWX (222): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WNDV-FM (225): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WVUR-FM (236): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WEFM (240): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WCOE (244): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WLQI (249): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WYMR (252): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WBYT (264): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WNSN (268): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WXRD (280): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WLJE (288): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WZVN (296): FCC F(50-50) 60.00 dBu (FCC HAAT)	
WAUS (214): FCC F(50-50) 60.00 dBu (FCC HAAT)	

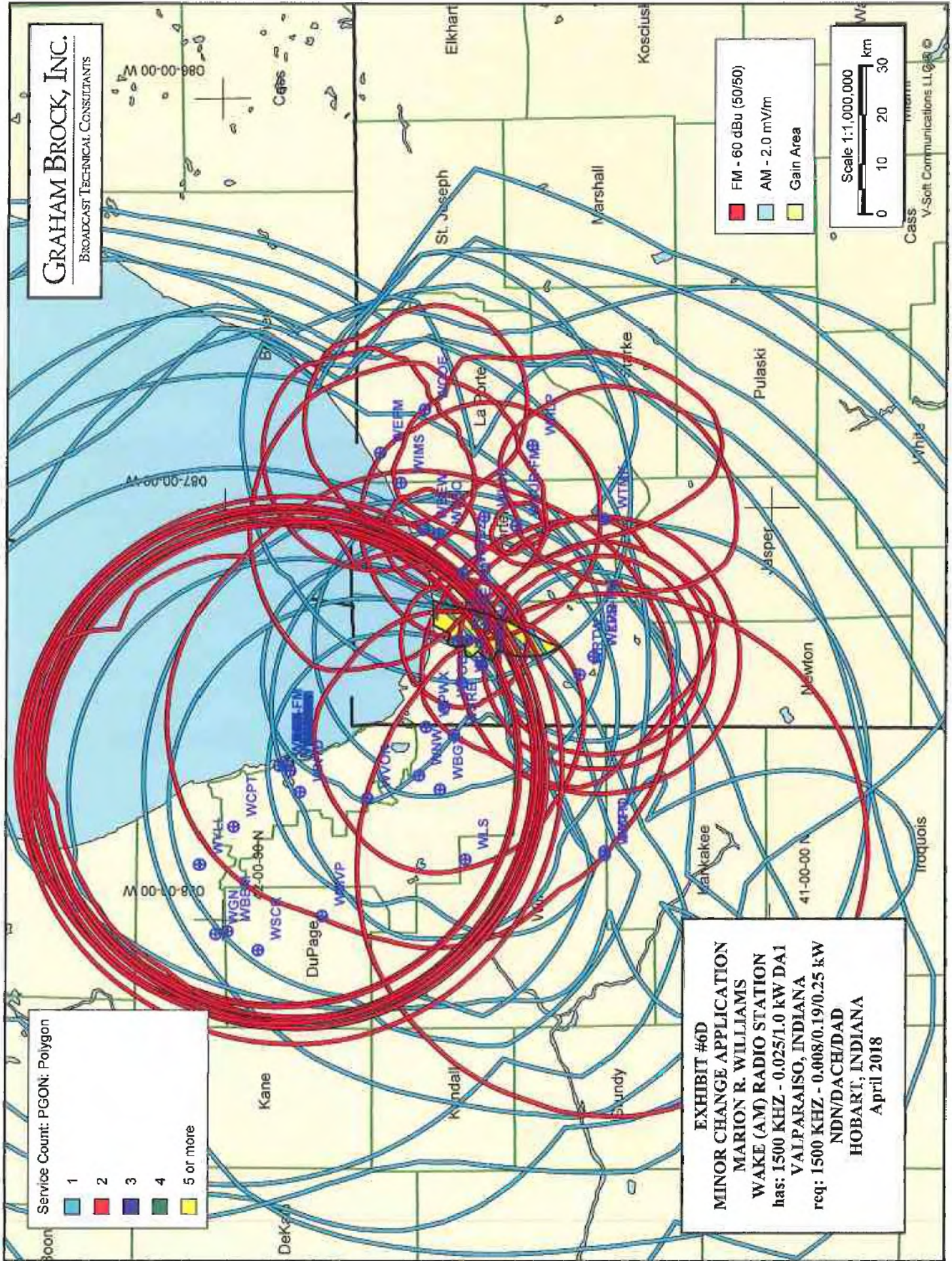
PGON: WAKE Loss Area

Count Area	Population	Housing Units	Area (sq. km)
-----	-----	-----	-----
1 Service	0	0	0.00
2 Service	0	0	0.00
3 Service	0	0	0.00
4 Service	0	0	0.00
5 or more	76,621	30,257	1238.77
Reference Area	76,621	30,257	1238.77

	Service Pop	Running Total	Percent
1 Service	0	0	0.0 %
2 Service	0	0	0.0 %
3 Service	0	0	0.0 %
4 Service	0	0	0.0 %
5 or more	76,621	76,621	100.0 %

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS



MINOR CHANGE APPLICATION
MARION R. WILLIAMS
WAKE (AM) RADIO STATION
has: 1500 KHZ - 0.025/1.0 kW DA1
VALPARAISO, INDIANA
req: 1500 KHZ - 0.008/0.19/0.25 kW NDN/DACH/DAD
HOBART, INDIANA
April 2018

EXHIBIT #6E

Service Count Population Report - Service Count: PGON: WAKE Gain Area

Reference Area: PGON: WAKE Gain Area
Counting Grid Cell Size: 0.5 sq. km
Population Database: 2010 US Census (PL)

Services Included in Count:

FM					AM	
WBEZ	(218):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WIMS	: Imported: 2.0 mV/m
WXRT	(226):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WJOB	: Imported: 2.0 mV/m
WLIT-FM	(230):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WNFD	: Imported: 2.0 mV/m
WLS-FM	(234):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WBGX	: Imported: 2.0 mV/m
WEBG	(238):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WLS	: Imported: 2.0 mV/m
WBBM-FM	(242):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WIND	: Imported: 2.0 mV/m
WDRV	(246):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WLTH	: Imported: 2.0 mV/m
WCKL-FM	(250):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WMEN	: Imported: 2.0 mV/m
WFMT	(254):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WVON	: Imported: 2.0 mV/m
WUSN	(258):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WNDZ	: Imported: 2.0 mV/m
WCPO	(260):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WWCA	: Imported: 2.0 mV/m
WSHE-FM	(262):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WNWT	: Imported: 2.0 mV/m
WKQX	(266):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WMVP	: Imported: 2.0 mV/m
WTMX	(270):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WCPT	: Imported: 2.0 mV/m
WVAZ	(274):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WBBM	: Imported: 2.0 mV/m
WKSC-FM	(278):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WSCR	: Imported: 2.0 mV/m
WBMX	(282):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WYLL	: Imported: 2.0 mV/m
WOJO	(286):	FCC	F(50-50)	60.00 dBu (FCC HAAT)	WGN	: Imported: 2.0 mV/m
WCFS-FM	(290):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WSRB	(292):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WGCI-FM	(298):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WDSO	(202):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WTMK	(203):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WGVE-FM	(204):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WLPR-FM	(206):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WBEW	(208):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WHLP	(210):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WRTW	(213):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WPWX	(222):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WVUR-FM	(236):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WEFM	(240):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WCOE	(244):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WXRD	(280):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WLJE	(288):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		
WZVN	(296):	FCC	F(50-50)	60.00 dBu (FCC HAAT)		

Count Area	Population	Housing Units	Area (sq. km)
1 Service	0	0	0.00
2 Service	0	0	0.00
3 Service	0	0	0.00
4 Service	0	0	0.00
5 or more	92,616	41,410	156.75
Reference Area	92,616	41,410	156.75

	Service Pop	Running Total	Percent
1 Service	0	0	0.0 %
2 Service	0	0	0.0 %
3 Service	0	0	0.0 %
4 Service	0	0	0.0 %
5 or more	92,616	92,616	100.0 %