

**Before the
Federal Communications Commission
Washington, DC 20554**

In Re Application of)
Polnet Communications Ltd.) File No. 0000208896
For Construction Permit of Minor Modification) Facility ID No. 142464
of Station W223CN, Zion, Illinois)
To: Office of the Secretary
Attn: Chief, Audio Division, Media Bureau

RESPONSE TO THIRD SUPPLEMENT TO INFORMAL OBJECTION

Polnet Communications Ltd. ("Polnet"), licensee of Station W223CN, Zion, Illinois (Facility ID No. 142464), hereby responds to the "Third Supplement to Informal Objection" filed by Magnum Communications, Inc. ("MCI"), which again asserts that it has more than the required number of listeners in its 45 dBu contour who would complain of interference from the proposed application. Polnet's engineering consultant has made attempts to contact the new listeners on the forms submitted by MCI. Most did not return the phone calls. But based on the ones that did respond, it appears that the listener complaints are invalid, and MCI has engaged in a sustained effort to mislead its listeners. See Declaration of Kent Gustafson.

1. The listeners that were listed in the Third Supplement told Mr. Gustafson such things as "I had no idea what I filled out. I thought it was a survey." She had no idea that the information would be submitted to the FCC. Another said he had no interference problems and thought MCI was referring to its other station on 92.1 (WCVY). Another said she was told that WMBZ is losing its signal and its station. Others indicated that they

did not drive in the locations listed on the forms. Several were concerned about having their contact information submitted to the Commission and made public. See Exhibit to the Declaration of Kent Gustafson.

2. These listener statements are similar to those that Mr. Gustafson had heard in previous phone calls in response to the earlier Supplements filed by MCI. But rather than challenge the validity of those listener complaint letters, Polnet decided it would try to accommodate MCI with additional amendments. But it seems clear that no matter how much reduction in the 45 dBu overlap area is proposed by Polnet, MCI is not satisfied. Polnet believes that MCI is being disingenuous because many of these listeners already reside in the area in which W223CN's licensed facility overlaps WMBZ's 45 dBu. As such, if there were an interference problem, MCI would certainly have brought that fact to Polnet's and the Commission's attention by now. But with every one of Polnet's proposals, the existing overlap area is actually being reduced. See Exhibit 8 of the previous amendments.

3. Thus, Polnet firmly believes that since there has been no interference problem with its existing licensed facility, there certainly cannot be an actual interference problem with any of the amendments which reduce the W223CN signal in the direction of WMBZ.

4. Nevertheless, Polnet is willing to try once more with another amendment. This proposal has no overlap with the WMBZ 45 dBu contour and therefore no WMBZ listeners will be potentially impacted. This Third Amendment complies with Sections 74.1201(k) and 74.1203(a)(3).

Accordingly, Polnet requests that the Commission grant the W223CN application as amended in order to resolve the MCI Objection.

Respectfully submitted,

Polnet Communications Ltd.

By: /s/ Mark N. Lipp

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Its Counsel

April 14, 2023

DECLARATION OF KENT GUSTAFSON

I, Kent Gustafson, am an engineering consultant to Polnet Communications, Ltd. ("Polnet"), licensee of FM translator Station W223CN, Zion, Illinois, Facility ID No. 142464. When I first reviewed the Informal Objection submitted by Magnum Communications, Inc. ("WMBZ ") to the W223CN original application I was very surprised. The 34 dBu contour of W223CN's licensed facility is far removed from Station WMBZ's 54 dBu contour. See Exhibit 1. I am not aware of any previous complaints of interference to any of WMBZ's listeners. The 60 dBu contour of W223CN's original application actually moved away from WMBZ in certain directions. So I did not expect that there would be any interference complaints to this proposal.

I decided to contact some of the listeners. I identified myself as a consultant to Polnet and asked if they recalled signing a form which complained about potential interference to WMBZ. I was only able to speak to a few of the listeners. Most did not return my calls. Those that I did speak to were either unaware of the contents of the complaint that was attributed to them, or they had authorized the form because they were told that they would be losing their station. Some indicated that they had never been to or seldom drove to the locations indicated on the form. Examples of the listener responses to my inquiries are attached. See Exhibit 2.

Despite the fact that I believed the listeners who signed the forms were misled, I decided to recommend to Polnet's owner that he accommodate the listeners with an amendment pulling in the signal in the direction of WMBZ. Again, WMBZ refused to accept the proposal and solicited additional listeners by suggesting that W223CN would destroy the WMBZ signal. Polnet decided to try again by reducing even more of the overlapping area within the WMBZ 45 dBu contour rather than contest the validity of the listener forms.

However, based on the manner in which WMBZ has responded to each of the previous amendments, Polnet is concerned that no matter what further changes are proposed, WMBZ will object and that is what has prompted this Declaration. Nevertheless, Polnet is willing to try once again by eliminating all overlap to WMBZ's 45 dBu contour in this third amendment.

I hereby declare that under penalty of perjury, the statements contained in this Declaration are true and correct to the best of my knowledge and are made in good faith.

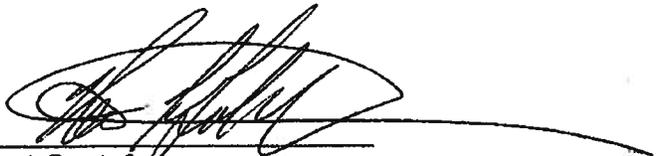

Kent Gustafson

Exhibit 1

Exhibit 2

WMBZ Listener Call List
05/06/23

55a) Jeff Jones –Left two messages

54a) Tina Swanson-Discussion: Had no idea was filling out. Just clicked on boxes randomly. She thought it was only a survey. Was very distraught when I told her Magnum had filed this with the FCC and all of her information was public. Said she would rescind declaration.

53a) Jason Schneider: Hang up Call one. Hang up call two

52a) Heather Gundlach: Connected-She hung up

51a) Jacob Kuk: No interference at any location. Thought this was for Magunm's WVCY 92.1

50a) Jennifer Siepler: Left Message. Jennifer returned call. Jennefer Left message stating that WMBZ was losing station and total signal.

49a) Daniel Selan: Left Message

48a) Casey Dvorak: Left message

47a) Liz Merkey-Phone message claimed No incoming calls accepted.

46a) Heather Burian: Left Message

45a) Constance Swenson: Left Message

44a) Dan Kasdorf: Travels to Racine. Experiences interference on W32 and 8th street Racine(This is south of the WMBZ 45 dBu line-Is about the W223CN 35 dBu).

43a) Emily Nelson: No problem currently. No Problem any where. Just checked boxes as the station was leaving the air totally she was told. Listens to 106.1 92.5 and 92.1

42a) Kevin Czysz: Left Message

41a) Kerrie Durand: Left Message



Licensing and Management System

FRN: 0005880075 | [Search \(/dataentry/public/tv/...](#) [Log Out \(/dataentry/j_spring_security_logout\)](#)

Amendment to a Minor Modification of a Licensed Facility for FM Translator Application

Application Submitted

Approved by OMB (Office of Management and Budget) 3060-0027 September 2014

[FAQ \(/dataentry/api/download/faq\)](#)

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Your application has been submitted for processing.

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Application Summary

File Number:

0000208896

Application Purpose:

Minor Modification Amendment

Status:

Review

Date Submitted:

04/13/2023

Applicant Information

Name:

POLNET COMMUNICATIONS, LTD.

Title:

Address:

50 Turner Avenue
Elk Grove Village, IL 60007
United States

Phone:

+1 (773) 588-6300

Email:

kotabawalter@gmail.com

Fees, Waivers, and Exemptions

Exempt from FCC Application Fees?

No

Exempt from FCC Regulatory Fees?

No

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Washington, DC 20554

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Plain Writing Act (<https://www.fcc.gov/general/plain-writing-fcc>)

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(REFERENCE COPY - Not for submission)
Amendment to a Minor Modification of a Licensed Facility for FM
Translator Application

File Number: **0000208896** Submit Date: **04/13/2023** Lead Call Sign: **W223CN** Facility ID: **142464**

FRN: **0005880075**

Service: **FM Translator** Purpose: **Minor Modification Amendment** Status: **Review** Status Date: **04/13/2023**
Filing Status: **Active**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees? Indicate reason for fee exemption:	No
	Is the applicant exempt from FCC regulatory Fees?	No
Waivers	Does this filing request a waiver of the Commission's rule (s)? Total number of rule sections involved in this waiver request:	No

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
POLNET COMMUNICATIONS, LTD.	50 Turner Avenue Elk Grove Village, IL 60007 United States	+1 (773) 588-6300	kotabawalter@gmail.com	COR

Contact Representatives (1)

Contact Name	Address	Phone	Email	Contact Type
Mark Lipp Fletcher Heald & Hildreth PLC	1300 N. 17th Street Suite 1100 Arlington, VA 22209 United States	+1 (703) 812-0400	lipp@fhhlaw.com	Legal Representative

Legal Certifications

Section	Question	Response
Obligations	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	

	<p>Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.</p>	
Character Issues	<p>Applicant certifies that neither the applicant nor any party to the application has or had any interest in, or connection with:</p> <p>(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</p> <p>(b) any pending broadcast application in which character issues have been raised.</p>	Yes
Adverse Findings	<p>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 laws related to any of the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.</p>	Yes
Program Service Certification	<p>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.</p>	Yes
Local Public Notice	<p>Applicant certifies that it has or will comply with the public notice requirements of 47 C.F.R. Section 73.3580.</p>	
Equal Employment Opportunity (EEO)	<p>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.</p>	N/A
Operational Compliance	<p>Applicant certifies that it is not the licensee or permittee of the commercial primary station being rebroadcast and that neither it nor any parties to the application have any interest in or connection with the commercial primary station being rebroadcast? See 47 C.F.R. Section 74.1232(d).</p> <p>Applicant certifies that the FM translator's (a) 1mV/m coverage contour does not extend beyond the protected contour of the commercial FM primary station to be rebroadcast, or (b) entire 1mV/m coverage contour is contained within the greater of either: (i) the 2 mV/m daytime contour of the commercial AM primary station to be rebroadcast, or (ii) a 25-mile radius centered at the commercial AM primary station's transmitter site.</p>	
Support Compliance	<p>The applicant, if for a commercial FM translator station with a coverage contour extending beyond the protected contour of the commercial primary station being rebroadcast, certifies that it has not received any support, before or after constructing, directly or indirectly, from the licensee /permittee of the primary station or any person with an interest in or connection with the licensee or permittee of the primary station, except for technical assistance as provided for under 47 C.F.R. Section 74.1232(e).</p>	N/A
Rebroadcast Certification	<p>For applicants proposing translator rebroadcasts that are not the licensee of the primary station, the applicant certifies that written authority has been obtained from the licensee of the station whose programs are to be retransmitted.</p>	N/A
Station Ready for Operation	<p>Applicant certifies that station is now in satisfactory operating condition and ready for regular operation.</p>	

Programming	<p>The applicant certifies that it is the licensee of the primary station or the applicant certifies that written authority has been obtained from the licensee of the primary station whose programming is to be retransmitted.</p>
Eligibility Certifications	<p>The applicant certifies that it is a:</p> <p>If the applicant is submitting multiple applications, is this application the "priority" application? See Creation of a Low Power Radio Service, Memorandum Opinion and Order on Reconsideration, 15 FCC Rcd 19208, 19239-40, 79-80, paras. 79-80 (2000).</p> <p>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.</p> <p>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.</p>
Community-Based Criteria	<p>Applicants must certify that they are local to be eligible for LPFM authorizations. An applicant must select "yes" to at least one of the certifications below to be eligible for an LPFM license. The applicant certifies that:</p> <p>it is a nonprofit educational institution or organization that is physically headquartered or has a campus within 16.1 kilometers (10 miles), if applicant is in the top 50 urban markets, or 32.1 kilometers (20 miles) if applicant is outside the top 50 urban markets, of the proposed transmitting antenna site set forth in this application</p> <p>it is a nonprofit educational institution or organization that has 75 percent of its board members residing within 16.1 kilometers (10 miles), if applicant is in the top 50 urban markets, or 32.1 kilometers (20 miles) if applicant is outside the top 50 urban markets, of the proposed transmitting antenna site set forth in this application</p> <p>it is a Tribe and its Tribal Lands, as that term is defined in Section 73.7000 of the Commission's rules, are within the service area of the proposed LPFM station; or it is a Tribal organization owned or controlled by a Tribe (or Tribes) and such Tribe's (or Tribes') Tribal Lands, as that term is defined in Section 73.7000 of the Commission's rules, are within the service area of the proposed LPFM station. See 47 C.F.R. Sections 73.853(c) and 73.7000.</p> <p>it proposes a public safety radio service and has jurisdiction within the service area of the proposed LPFM station.</p>
Ownership	<p>The applicant certifies that: no party to this application has an attributable interest in any low power FM broadcast station</p> <p>1. no party to this application has an attributable interest in any non-LPFM broadcast station, including any full power AM or FM station, FM translator station, full or low power television station, or any other media subject to the Commission's broadcast ownership restrictions</p>

2. no party to this application has pending an application for a low power FM, full power AM or FM station, FM translator station, or full or low power television station;

the applicant is in compliance with the Commission's policies relating to media interests of immediate family members; and

the applicant is in compliance with the Commission's policies relating to investor insulation and the non-participation of non-party investors and creditors.

Unlicensed Operation

The applicant certifies, under penalty of perjury, that neither the applicant nor any party to the application has engaged in any manner, individually or with other persons, groups, organizations, or other entities, in the unlicensed operation of any station in violation of Section 301 of the Communications Act of 1934, as amended, 47 U.S.C. Section 301.

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.

Holding Period Certifications

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).

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.

Fair Distribution of Service Pursuant to 47 U.S.C. Section 307(b)

Applicant certifies that the proposed station will provide a first rural (reception) service.

Applicant certifies that:

- (a) it is a Tribal Applicant, as defined in 47 C.F.R. Section 73.7000;
- (b) the facilities proposed in this Application will provide Tribal Coverage, as defined in 47 C.F.R. Section 73.7000, of Tribal Lands occupied by the applicant Tribe(s);
- (c) the proposed community of license is located on Tribal Lands, as defined in 47 C.F.R. Section 73.7000; and
- (d) the proposed facility would be the first local Tribal-owned noncommercial educational transmission service at the proposed community of license

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.

Applicant certifies that the proposed station will provide a second noncommercial educational aural service, or an aggregated first and second noncommercial educational aural service, to (a) at least 10 percent of the people residing within the station's 60 dBu (1 mV/m) service contour and (b) to a minimum of 2,000 people.

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.

Tribal Priority – Threshold Qualifications	Is the Applicant applying for an FM allotment set forth in a Public Notice announcing a Tribal Threshold Qualifications window?
Petition for Rulemaking /Counterproposal to Add New FM Channel to FM Table of Allotments	This 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. The 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.

Channel and Facility Information

Section	Question	Response
Proposed Community of License	State	Illinois
	City	ZION
	Channel	223
	Frequency	92.5
Facility Type	Facility Type	Commercial

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1008305
Coordinates (NAD83)	Latitude	42° 26' 34.8" N+
	Longitude	088° 03' 25.8" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	82.3 meters
	Support Structure Height	76.8 meters
Antenna Data	Ground Elevation (AMSL)	253.9 meters
	Height of Radiation Center Above Ground Level	Horizontal:82.3 meters Vertical:82.3 meters
	Height of Radiation Center Above Mean Sea Level	Horizontal:336.2 meters Vertical:336.2 meters
	Effective Radiated Power	Horizontal:0.250 kW Vertical: 0.250 kW

Antenna Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional
Primary Station	Call Sign	WPJX
	Facility ID	49293
	Frequency	1500
	Channel	0
	Service Code	AM

	City	ZION
	State	IL
Delivery Method	Delivery Method	Internet
	If Other, Please specify:	
Transmitting Antenna	Manufacturer:	IRTE
	Model	P3AC 1R

Directional Antenna Relative Field Value

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.135	90	0.972	180	0.404	270	0.5
10	0.141	100	0.988	190	0.384	280	0.494
20	0.177	110	0.933	200	0.347	290	0.465
30	0.266	120	0.828	210	0.269	300	0.383
40	0.377	130	0.679	220	0.224	310	0.247
50	0.485	140	0.527	230	0.239	320	0.171
60	0.632	150	0.442	240	0.281	330	0.144
70	0.772	160	0.422	250	0.378	340	0.136
80	0.897	170	0.413	260	0.493	350	0.135

Additional Azimuths

Degree	Value
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Technical Certifications

Section	Question	Response
Environmental Effect	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	No
Proposal Compliance	Does the applicant certify that the proposal is for a fill-in translator or booster?	No
	Does the applicant certify that the proposal complies with Sections 74.1204, 74.1205, 74.1232, 74.1234 and 74.1235?	Yes
Interference	Does the applicant certify that the proposed facility complies with the engineering requirements of 47 CFR Section 73.807 (a) through (g), 73.825 and 73.827(a)?	

Certification

Section	Question	Response
General Certification Statements	The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).	

The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR § 1.2002(b), for the definition of "party to the application" as used in this certification § 1.2002(c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.

Authorized Party to Sign

FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID

Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND /OR FORFEITURE (U.S. Code, Title 47, §503).

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Walter Kotaba
President

04/13/2023

Attachments

File Name	Uploaded By	Attachment Type	Description	Upload Status
<u>W223CN Engineering Amendment Statement And Exhibits 2.pdf</u>	Applicant	Amendment	W223CN Engineering Amendment Statements And Exhibits 2	Done with Virus Scan and /or Conversion
<u>W223CN Engineering Amendment Statement And Exhibits.pdf</u>	Applicant	Amendment	W223CN Engineering Amendment Statement And Engineering	Done with Virus Scan and /or Conversion
<u>W223CN Engineering Statement And Exhibits.pdf</u>	Applicant	All Purpose		Done with Virus Scan and /or Conversion
<u>W223CN Engineering Statement And Exhibits Third Ammendment.pdf</u>	Applicant	Amendment	Engineering Statement and Exhibits for the Third Amendment	Done with Virus Scan and /or Conversion

ENGINEERING STATEMENT
APPLICATION FCC 349
Prepared For Polnet Communications, Ltd
W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
FCC Form 349-Instant Application

- 1) Statement-Nature Of Proposal
- 2) Exhibit 1 - Proposed W223CN 60 dBu and 25 mile ARC with WPJX AM 1500 Facility ID 49293(Primary Station).
- 3) Exhibit 2 - W223CN - 54 dBu And First Adjacent WCPY 60 dBu.
- 4) Exhibit 3 – W223CN Proposed 100 dBu And Second Adjacent WVTY 60 dBu.
- 5) Exhibit 4 – W223CN Proposed 48 dBu And First Adjacent WPWX Licensed 54 dBu.
- 6) Exhibit 5 - Proposed W223CN 34 dbu and Co Channel WCLR 54 dBu Contour.
- 7) Exhibit 6 – W223CN 34 dBu and Co Channel WMBZ 54 dBu Contour.
- 8) Exhibit 7 - Proposed IRTE P3AC 1R Pattern.
- 9) Exhibit 8 – Proposed WMBZ overlap Area Reduction W223CN 25 dBu (50,10). Vs WMBZ 45 dBu (50,50). Zero Overlap.
- 10) Exhibit 9 – Co Channel WMBZ Contours/Persons/Letters.
- 11) Exhibit 9b – Co Channel WMBZ Contours/Persons/Letters Expanded View.
- 12) Exhibit 9c – Co Channel WMBZ Contours//Letters/Pass/Fail -20 dBu U/D.
- 13) Exhibit W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area amended P1-P2-P3-P4 Combined.
- 14) W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area Amendment 1.
- 15) W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area Amendment 2.
- 16) W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area Amendment 3.
- 17) W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area Amendment 4.

**ENGINEERING STATEMENT
APPLICATION FCC 349
Prepared For Polnet Communications, Ltd
W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
FCC Form 349-Instant Application**

Statement - Nature Of Proposal

Polnet Communications, Ltd. ("Polnet") is the licensee of Translator Station W223CN, 92.5 FM, Zion, Illinois (Facility ID 142464) W223CN is a licensed Class D FM station with authority to operate .065 kW with a Directional facility (BLFT-20161201AEQ). WPJX AM 1500-Zion, Illinois is the Primary station (BL-20091230ACS). Facility ID(49293).

Polnet herein proposes a third amendment to the instant application(0000208896) and proposes to utilize a different antenna than the current License(BLFT-20161201AEQ). Polnet is requesting a change to a IRTE P3AC 1R directional pattern. Polnet Proposes the currently licensed tower and coordinates for this instant application(Tower ASR #1008305). Polnet requests a change from 249'(76 meters) to 270 Feet(82.3 meters).

Polnet Requests operation at .250 kW power ERP Vertical and Horizontal.

Polnet is addressing the concerns of WMBZ FM by reducing 34 dBu(50,10) area in this amendment. The License compared to Proposed area is reduced by 769.11 Sq Miles(1861.68 Km). As a result population potentially affected is reduced by 331,286 persons.

In this third amendment Polnet has totally eliminated any W223CN 25 dBu(50,10) overlap with the WMBZ 45 dBu (50,50) as shown in Exhibit 9 and 9B.

Polnet has satisfied 74.1203(a)(3) as defined by 74.1201(k) which requires a total of 15 letters for a population of 1,000,000 to 1,499,999. As a result of the amendment 0(Zero) letters remain.

The proposed W223CN FM 92.5 amended 60 dBu contour remains within the 25 mile arc of the primary station WPJX AM 1500(BL-20091230ACS).

**ENGINEERING STATEMENT
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Prepared For Polnet Communications, Ltd
W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
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Statement - Nature Of Proposal Page 2**

W223CN FM 92.5 Proposed Site

Tower ASR:

1008305

Coordinates: NAD 83

42-26-34.8 N

88-03-25.8 W

Elevation:

AGL: 270.0'(82.3 Meters)

G-AMSL: 833.33' (254.00m)

RC-AMSL: 1103.33' (336.30m)

HAAT: 345.77' (105.40m)

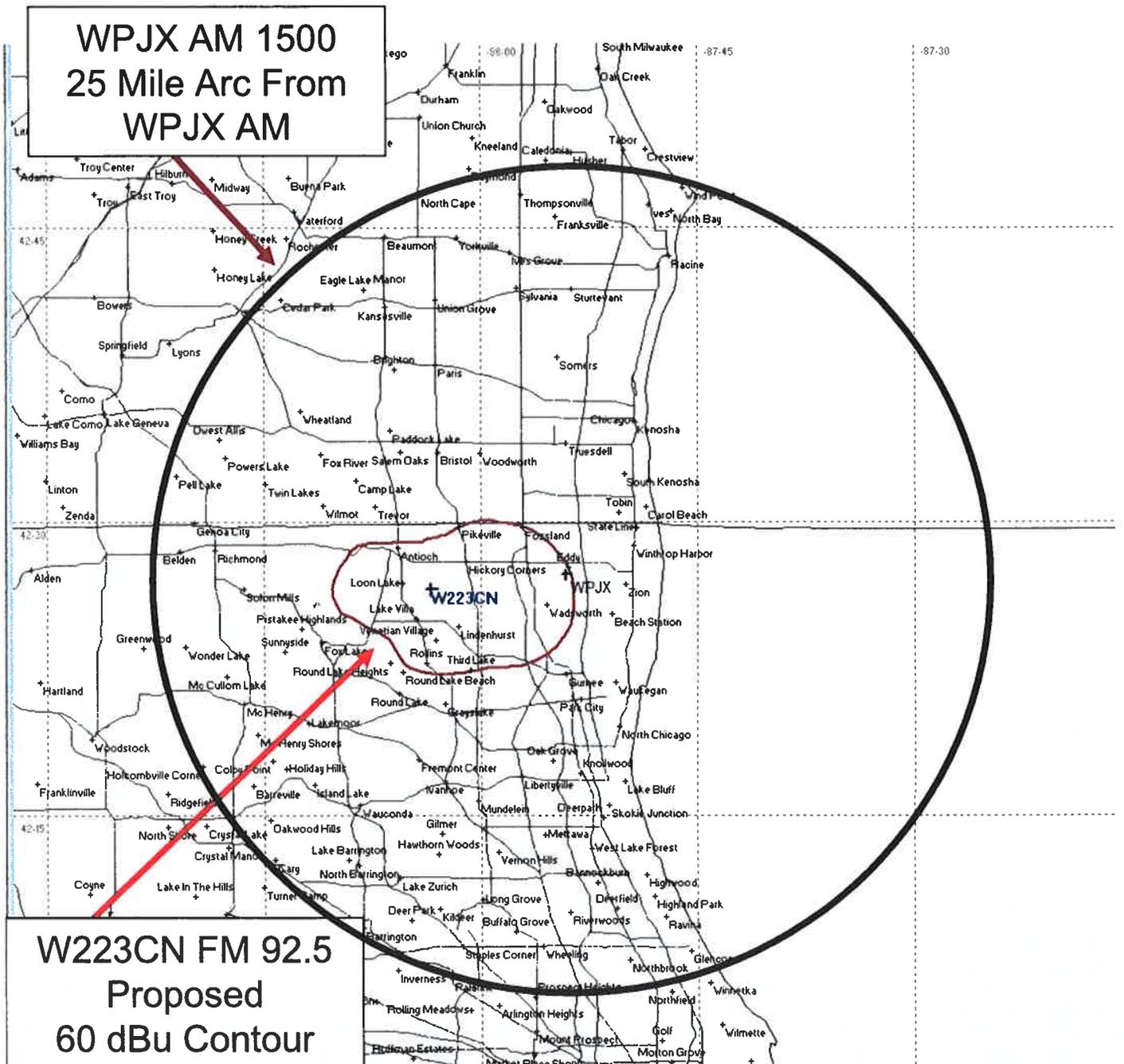
Directional Antenna

IRTE P3AC 1R

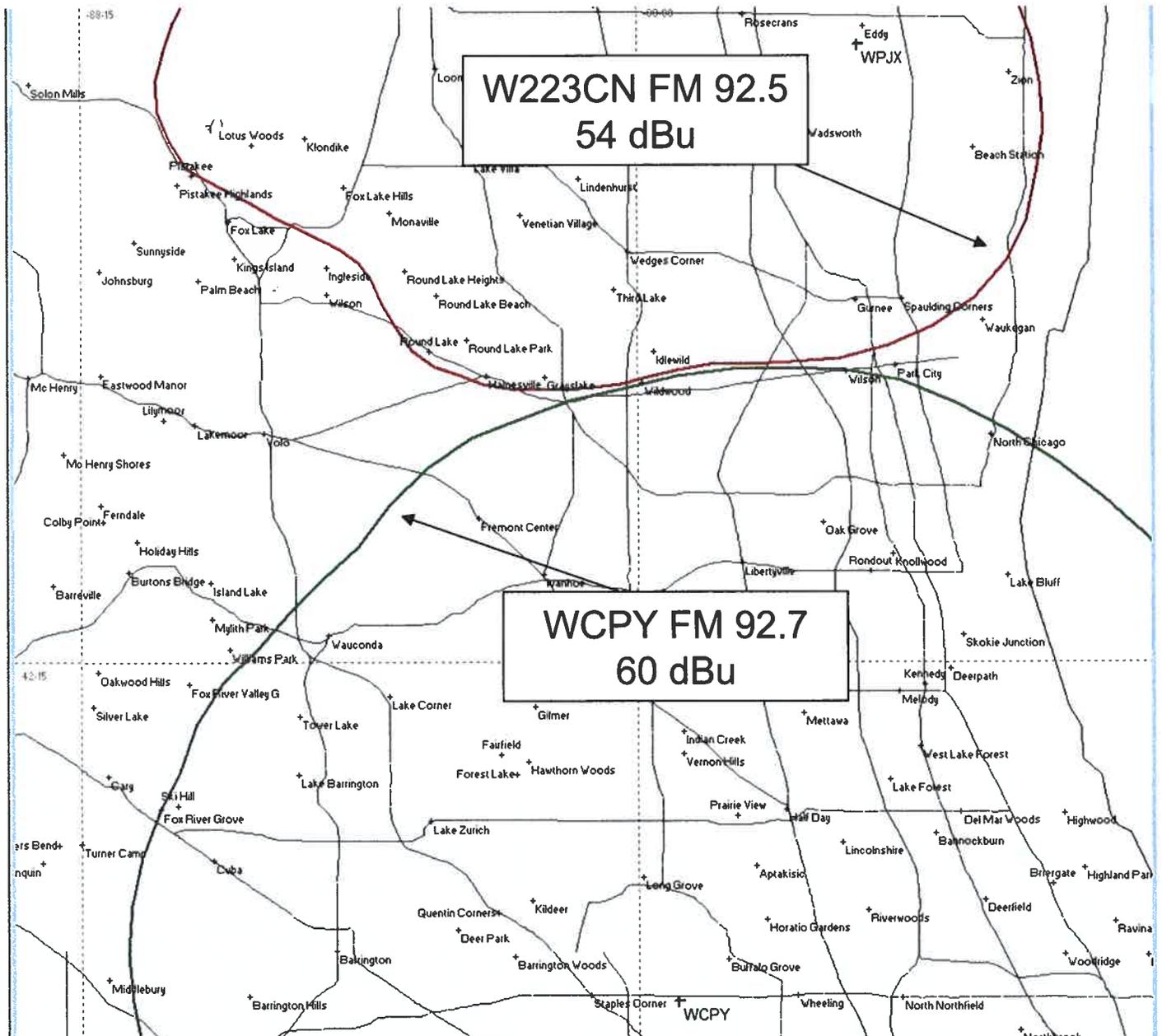
Power:

250 Watts ERP

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Exhibit 1 - 25 Mile Arc

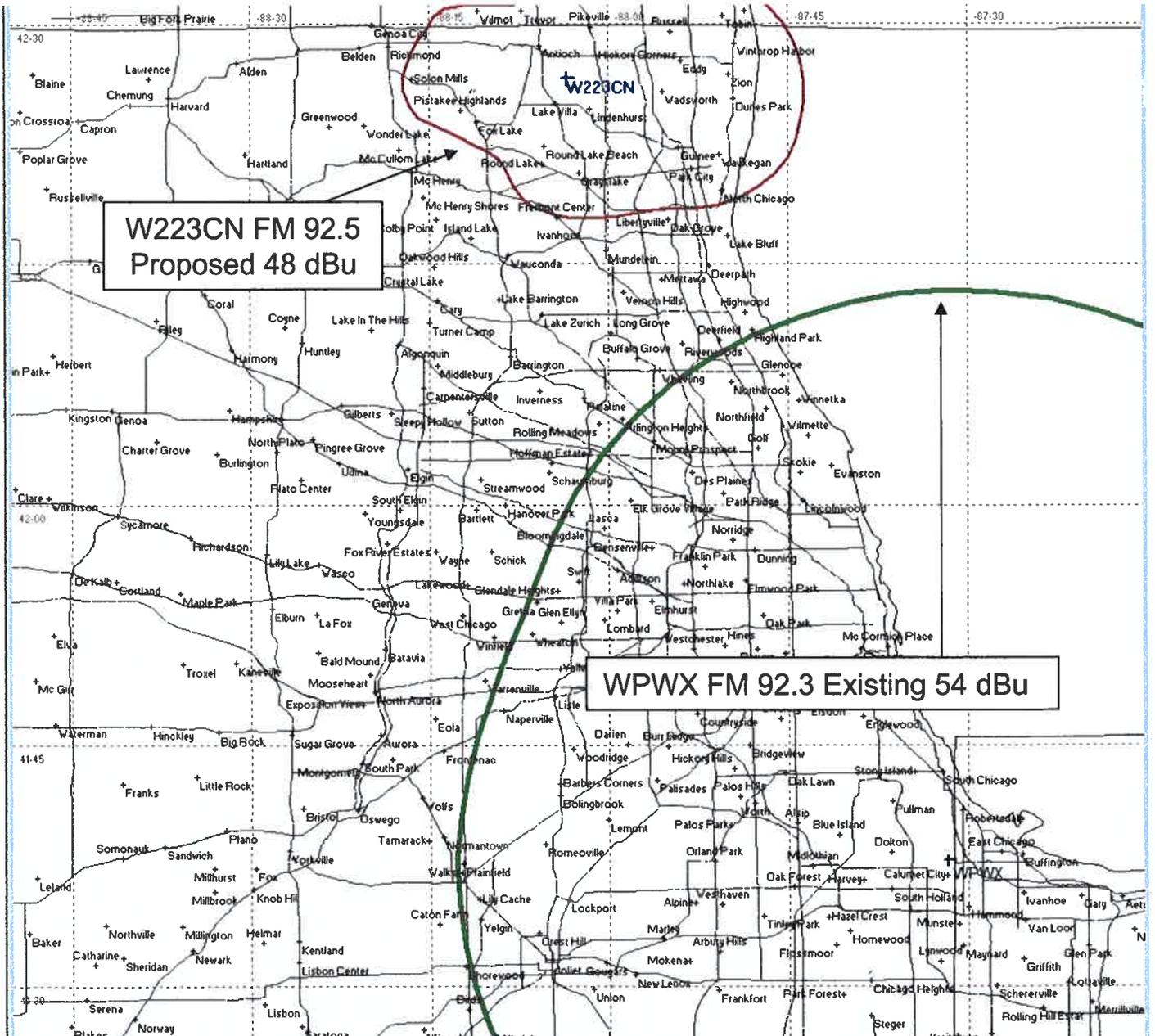


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FCC Form 349-Instant Application
Exhibit 2
W223CN - 54 dBu First Adjacent WCPY 60 dBu



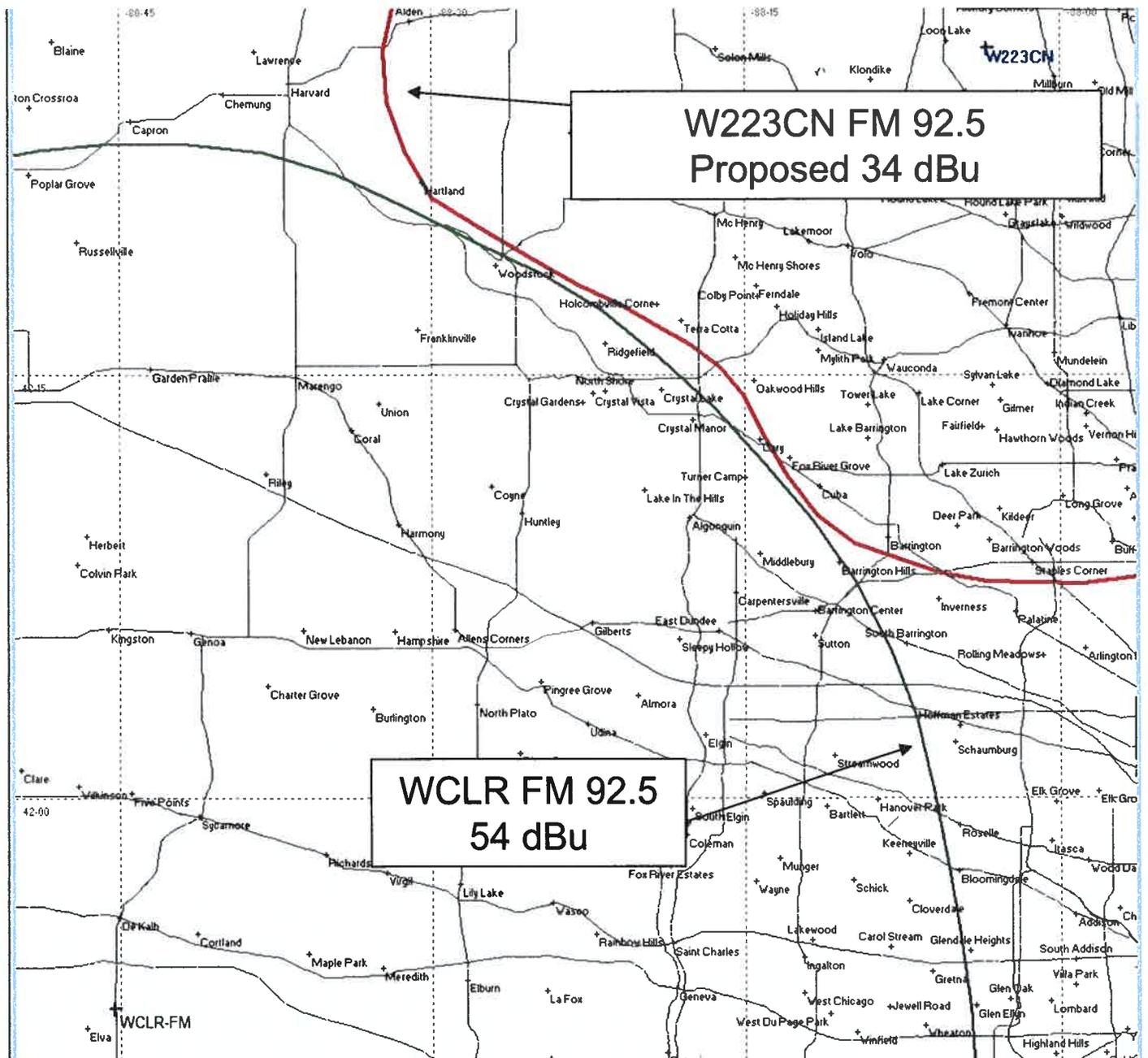
ENGINEERING STATEMENT
APPLICATION FCC 349
Prepared For Polnet Communications, Ltd
W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
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Exhibit 4

W223CN Proposed 48 dBu – First Adjacent WPWX Licensed 54 dBu



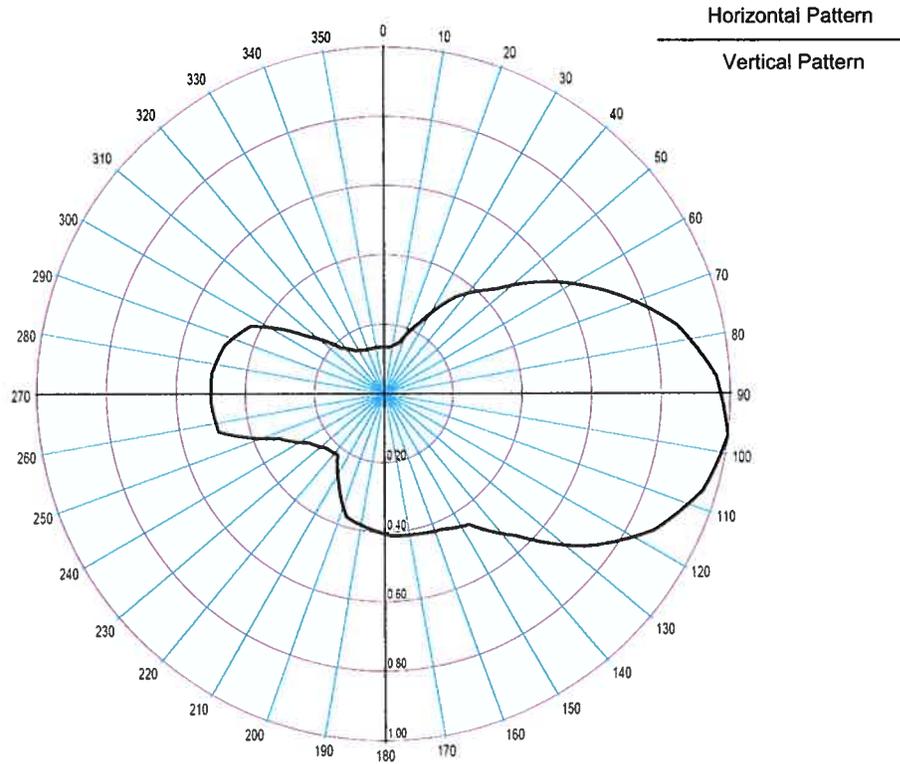
**ENGINEERING STATEMENT
APPLICATION FCC 349
Prepared For Polnet Communications, Ltd
W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
FCC Form 349-Instant Application
Exhibit 5**

Proposed W223CN 34 dbu and Co Channel WCLR 54 dBu Contour



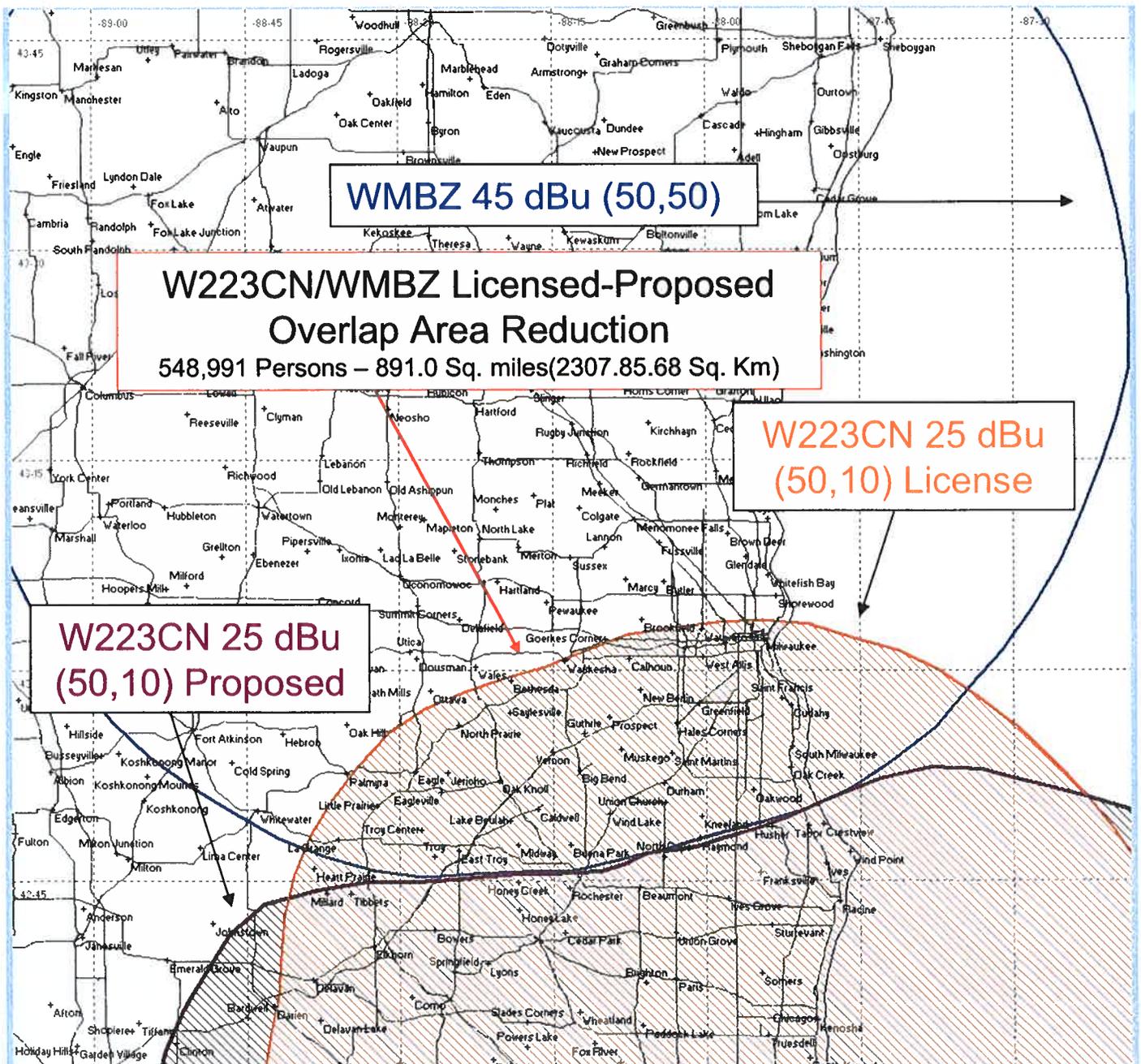
ENGINEERING STATEMENT
APPLICATION FCC 349
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W223CN Zion, Illinois
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Exhibit 7

IRTE P3AC 1R Directional Pattern

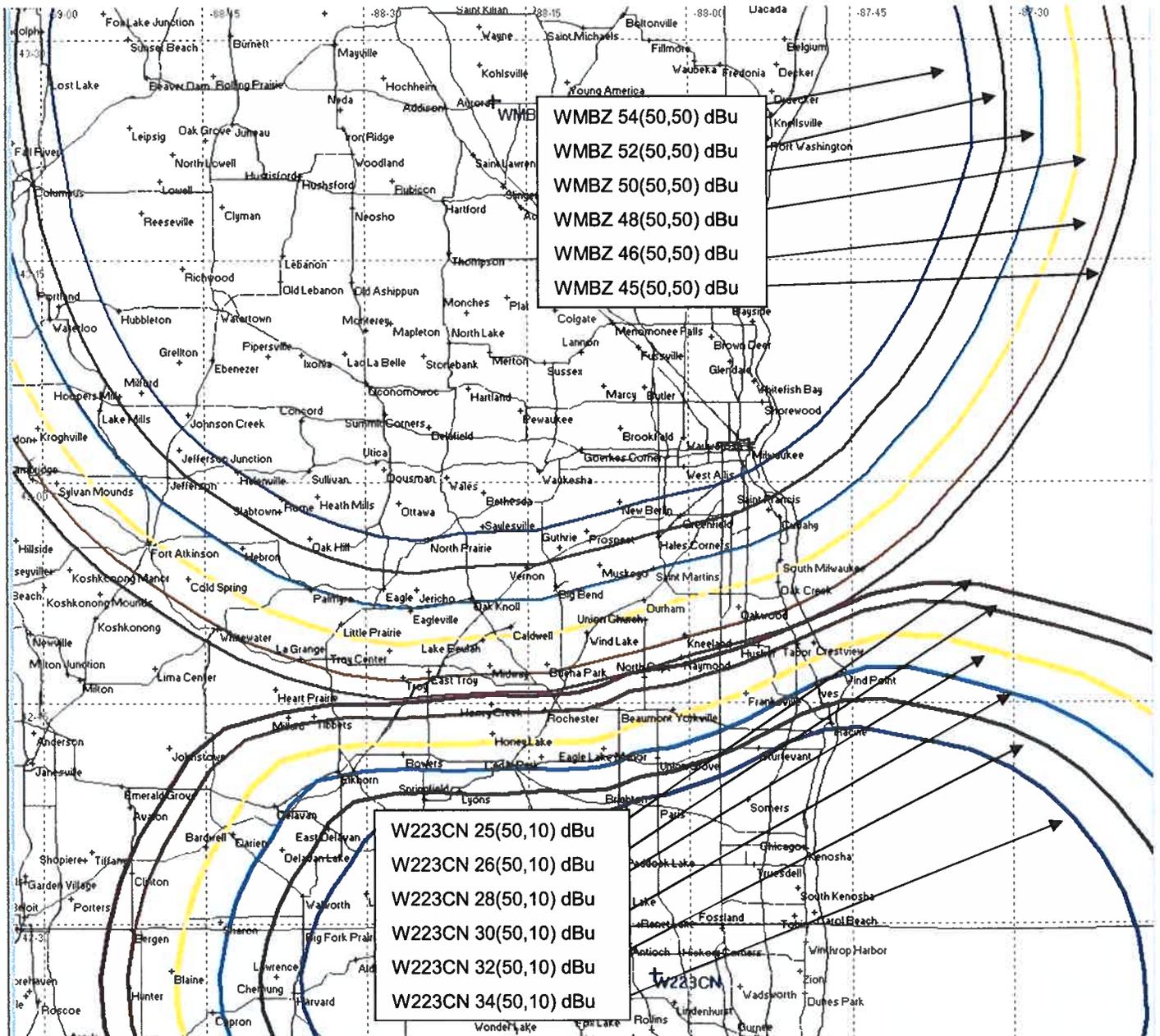


Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk	Azim	Rel.FS	ERP [W]	dBk
0.0	0.135	4.557	-23.413	90.0	0.972	236.258	-6.266	180.0	0.404	40.815	-13.892	270.0	0.500	62.517	-12.040
5.0	0.135	4.557	-23.413	95.0	0.992	246.081	-6.089	185.0	0.394	38.819	-14.110	275.0	0.500	62.517	-12.040
10.0	0.141	4.972	-23.035	100.0	0.988	244.100	-6.124	190.0	0.384	36.874	-14.333	280.0	0.494	61.025	-12.145
15.0	0.151	5.702	-22.440	105.0	0.968	234.318	-6.302	195.0	0.375	35.166	-14.539	285.0	0.484	58.579	-12.323
20.0	0.177	7.834	-21.060	110.0	0.933	217.680	-6.622	200.0	0.347	30.110	-15.213	290.0	0.465	54.071	-12.670
25.0	0.215	11.559	-19.371	115.0	0.888	197.188	-7.051	205.0	0.306	23.415	-16.305	295.0	0.440	48.413	-13.150
30.0	0.266	17.694	-17.522	120.0	0.828	171.441	-7.659	210.0	0.269	18.095	-17.424	300.0	0.383	36.682	-14.355
35.0	0.326	26.576	-15.755	125.0	0.758	143.679	-8.426	215.0	0.235	13.810	-18.598	305.0	0.306	23.415	-16.305
40.0	0.377	35.542	-14.493	130.0	0.679	115.291	-9.382	220.0	0.224	12.547	-19.014	310.0	0.247	15.256	-18.166
45.0	0.422	44.533	-13.513	135.0	0.594	88.232	-10.544	225.0	0.228	12.999	-18.861	315.0	0.200	10.003	-19.999
50.0	0.485	58.822	-12.305	140.0	0.527	69.451	-11.583	230.0	0.239	14.284	-18.451	320.0	0.171	7.312	-21.360
55.0	0.560	78.421	-11.056	145.0	0.472	55.711	-12.541	235.0	0.254	16.133	-17.923	325.0	0.154	5.931	-22.269
60.0	0.632	99.882	-10.005	150.0	0.442	48.854	-13.111	240.0	0.281	19.745	-17.045	330.0	0.144	5.185	-22.852
65.0	0.702	123.234	-9.093	155.0	0.430	46.237	-13.350	245.0	0.316	24.971	-16.026	335.0	0.139	4.832	-23.159
70.0	0.772	149.035	-8.267	160.0	0.422	44.533	-13.513	250.0	0.378	35.730	-14.470	340.0	0.136	4.625	-23.349
75.0	0.842	177.288	-7.513	165.0	0.417	43.484	-13.617	255.0	0.458	52.455	-12.802	345.0	0.135	4.557	-23.413
80.0	0.897	201.205	-6.964	170.0	0.413	42.654	-13.700	260.0	0.493	60.778	-12.163	350.0	0.135	4.557	-23.413
85.0	0.942	221.900	-6.538	175.0	0.411	42.241	-13.743	265.0	0.498	62.017	-12.075	355.0	0.135	4.557	-23.413

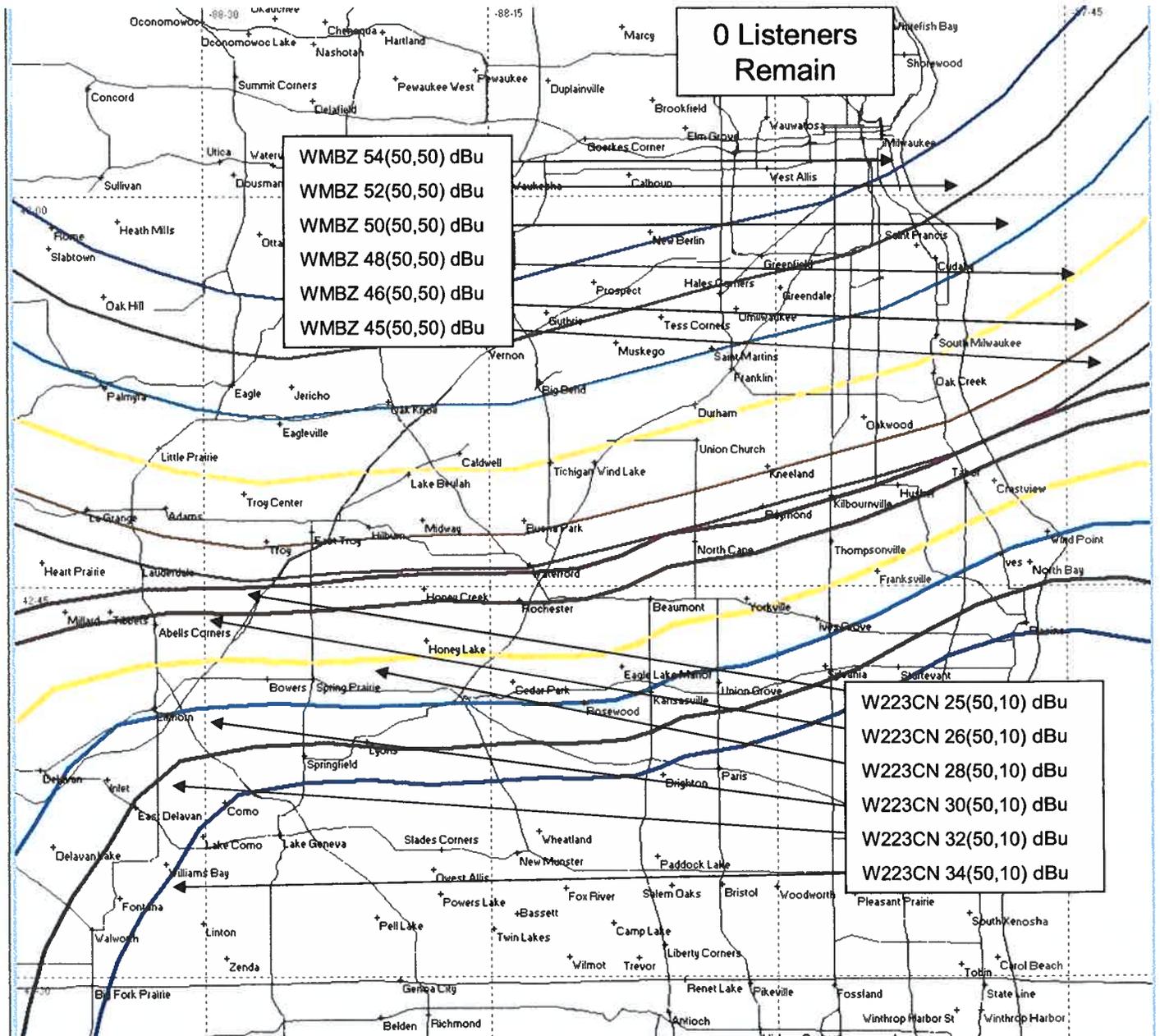
**ENGINEERING STATEMENT
APPLICATION FCC 349
Prepared For Polnet Communications, Ltd
W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
FCC Form 349-Instant Application
Exhibit 8
W223CN 25 dBu(50,10)License, W223CN Proposed 25 dBu(50,10)
Co Channel WMBZ 45 DBU(50,50) Contour
Proposed Overlap Reduction Area**



ENGINEERING STATEMENT
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Exhibit 9
Co Channel WMBZ Contours/Persons/Letters



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Exhibit 9b
Co Channel WMBZ Contours/Persons/Letters Expanded View



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Exhibit 9c**

Co Channel WMBZ Contours//Letters/ Pass Fail -20 dbu U/D

WMBZ Listener Data:

1a) 42-47-50.5 N 88-24-13.1 W-Pass	20a) 42-52-20.9 N 87-56-13.8 W-Pass
2a) 42-46-59.1 N 88-24-17.2 W-Pass	21a) 42-47-31.5 N 88-23-06.1 W-Pass
3a) 42-45-37.9 N 88-10-10.7 W-Pass	22a) 42-54-58.2 N 87-56-08.6 W-Pass
4a) 42-51-05.3 N 88-33-36.0 W-Pass	23a) 42-51-05.0 N 88-19-18.7 W-Pass
5a) 42-53-28.2 N 88-01-30.1 W-Pass	24a) 42-53-06.1 N 88-09-30.3 W-Pass
6a) 42-53-27.3 N 88-17-41.1 W-Pass	25a) 42-55-55.3 N 88-09-30.3 W-Pass
7a) 42-52-41.5 N 88-18-58.4 W-Pass	26a) 42-49-47.0 N 87-57-09.8 W-Pass
8a) 42-54-24.6 N 88-14-21.8 W-Pass	27a) 42-57-32.6 N 87-56-00.4 W-Pass
9a) 42-52-19.6 N 88-17-56.3 W-Pass	28a) 42-51-02.5 N 87-56-36.9 W-Pass
10a) 42-50-32.7 N 88-04-45.2 W-Pass	28b) 42-49-50.3 N 87-57-23.8 W-Pass
10b) 42-47-30.6 N 88-13-04.4 W-Pass	29a) 42-58-07.2 N 88-04-21.3 W-Pass
11a) 42-53-19.6 N 87-56-41.9 W-Pass	30a) 42-49-57.0 N 88-43-04.5 W-Pass
12a) 42-51-58.8 N 87-54-24.2 W-Pass	31a) 42-49-44.4 N 87-54-51.4 W-Pass
13a) 42-56-05.9 N 87-59-23.3 W-Pass	32a) 42-52-18.9 N 87-54-46.0 W-Pass
14a) 42-52-29.0 N 87-57-51.5 W-Pass	33a) 42-48-46.0 N 87-57-11.0 W-Pass
15a) 42-54-03.5 N 88-08-27.0 W-Pass	34a) 42-58-57.9 N 87-57-10.5 W-Pass
16a) 42-53-17.8 N 88-14-51.5 W-Pass	35a) 42-49-06.0 N 87-57-10.1 W-Pass
17a) 42-56-22.3 N 87-58-59.9 W-Pass	36a) 42-50-18.2 N 87-50-53.1 W-Pass
18a) 42-46-14.3 N 88-14-09.1 W-Pass	37a) 42-50-33.0 N 87-51-10.5 W-Pass
19a) 42-46-23.5 N 88-11-37.5 W-Pass	38a) 42-50-58.6 N 87-51-12.4 W-Pass

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APPLICATION FCC 349
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Facility ID 142464 92.5 FM .250 kW
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Exhibit 9c-Continued
Co Channel WMBZ Contours//Letters/ Pass Fail -20 dbu U/D**

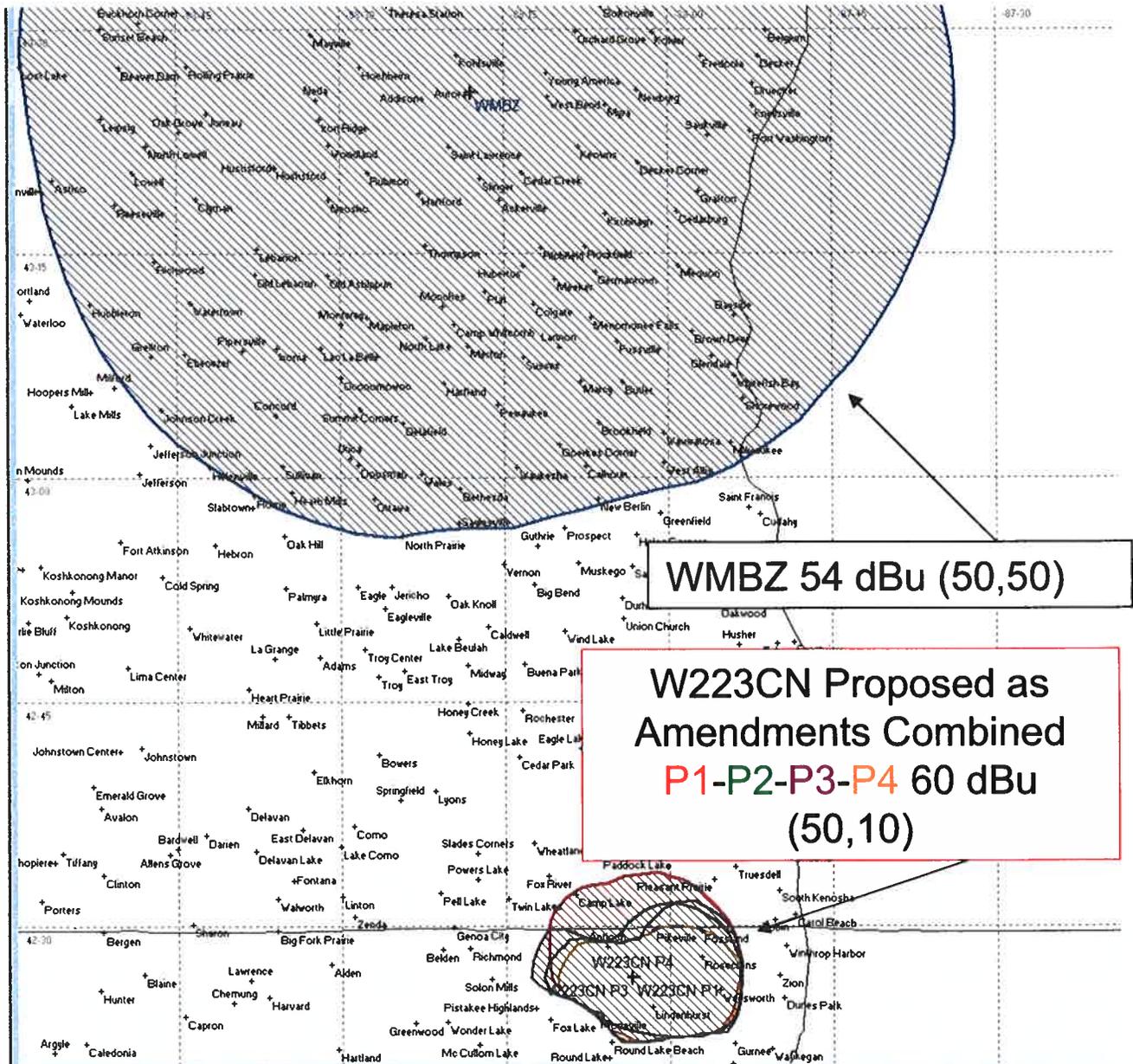
WMBZ Listener Data:

39a) 42-49-43.4 N 87-53-40.4 W-Pass
40a) 42-51-51.1 N 87-51-21.9 W-Pass
41a) 42-50-37.0 N 87-53-47.4 W-Pass
42a) 42-51-18.0 N 87-51-12.5 W-Pass
43a) 42-51-33.7 N 87-51-12.6 W-Pass
44a) 42-50-58.7 N 87-51-27.9 W-Pass
45a) 42-52-07.4 N 87-51-27.2 W-Pass
46a) 42-51-40.2 N 87-51-15.7 W-Pass
47a) 42-51-03.4 N 87-51-12.3 W-Pass
48a) 42-50-32.7 N 87-51-53.0 W-Pass
49a) 42-51-59.0 N 87-51-25.2 W-Pass
50a) 42-50-59.1 N 87-51-56.4 W-Pass
51a) 42-49-44.4 N 87-54-51.4 W-Pass
52a) 42-50-59.0 N 87-51-51.6 W-Pass
53a) 42-50-32.7 N 87-51-52.0 W-Pass
54a) 42-51-25.4 N 87-52-02.8 W-Pass
55a) 42-51-00.1 N 87-53-37.2 W-Pass

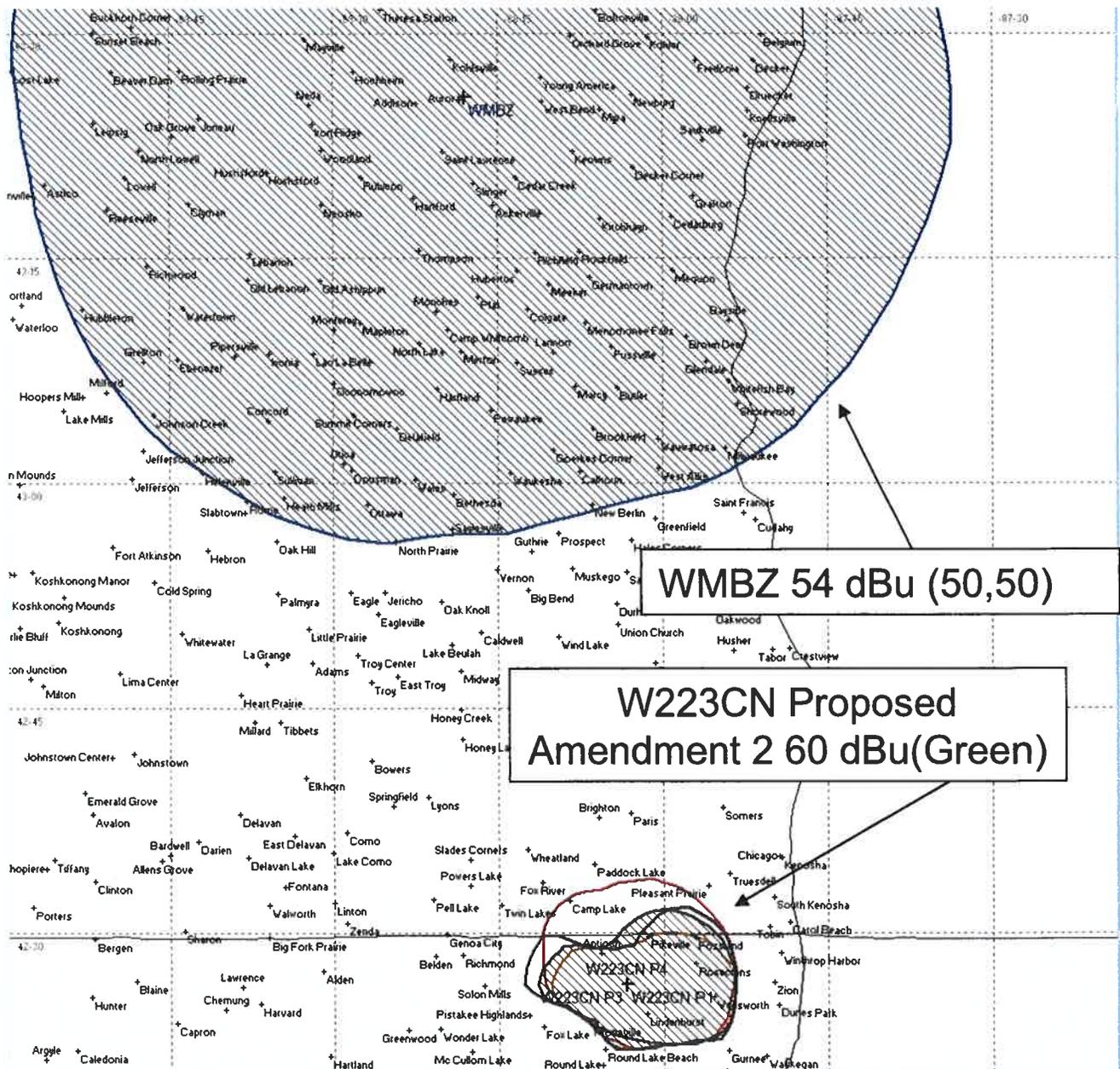
0(Zero) Listeners remain

Criteria 1 - The required minimum number of valid listener complaints as determined using Table 1 of §74.1203(a)(3) and as defined in §74.1201(k). Affected station WMBZ(FM) serves a population of 1,467,662 within its Class B, 54 dBμ F(50:50) Service Contour. Table 1 of §74.1203(a)(3) mandates a minimum of fifteen (15) listener complaints for populations ranging from 1,000,000-1,499,999.

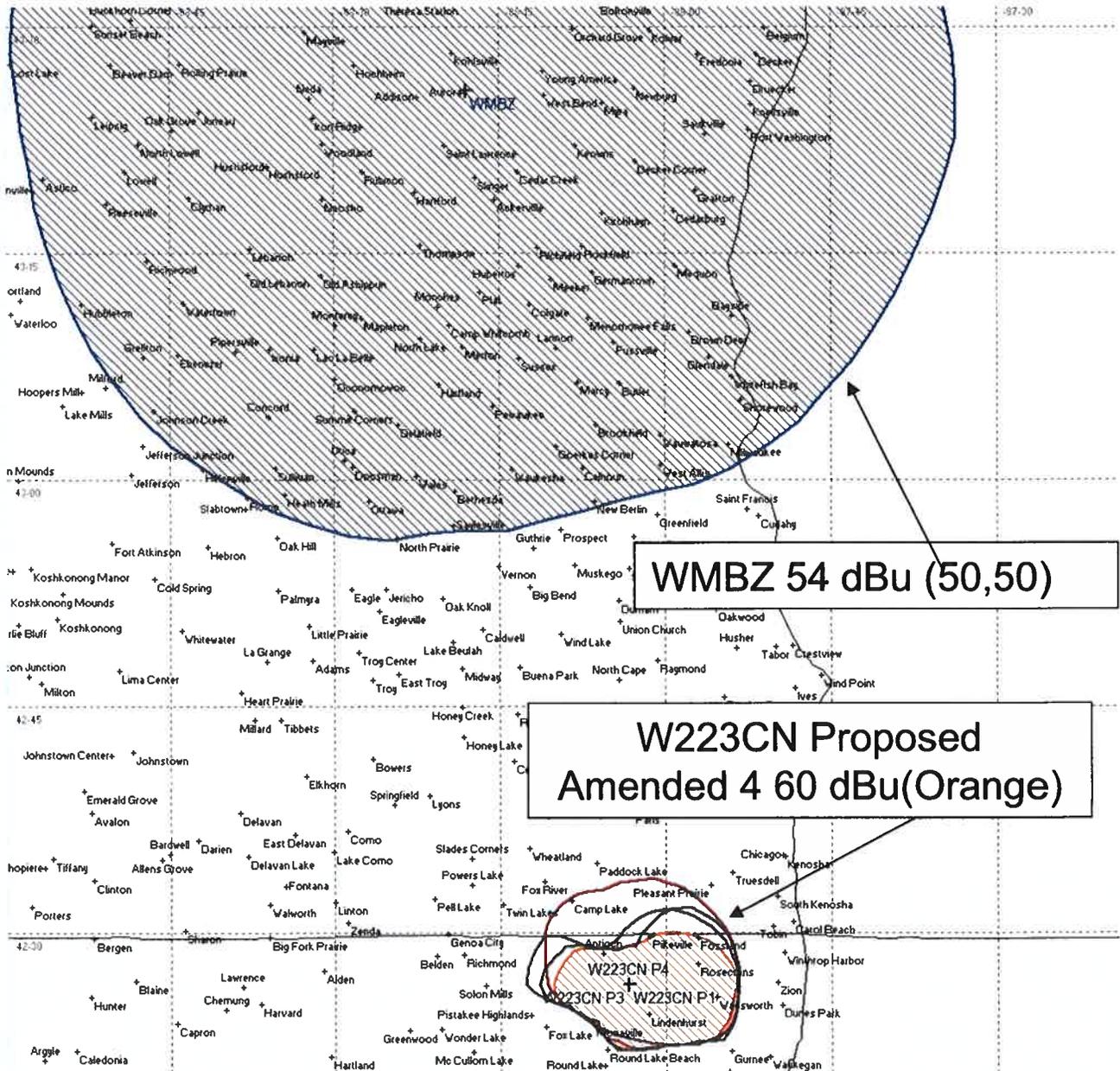
ENGINEERING STATEMENT
APPLICATION FCC 349
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W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
FCC Form 349-Instant Application
Exhibit 10
W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area amended P1-P2-P3-P4 Combined



**ENGINEERING STATEMENT
APPLICATION FCC 349
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Facility ID 142464 92.5 FM .250 kW
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Exhibit 10C
W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area Amendment 2**



ENGINEERING STATEMENT
APPLICATION FCC 349
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W223CN Zion, Illinois
Facility ID 142464 92.5 FM .250 kW
FCC Form 349-Instant Application
Exhibit 10D
W223CN Proposed 60 dBu(50,50)
Co Channel WMBZ 54 DBU(50,50) Contour
Proposed Overlap Reduction Area Amendment 4



CERTIFICATE OF SERVICE

I, Michelle Brown Johnson, hereby certifies that the foregoing "Response to Third Supplement to Informal Objection was sent by first class mail and via email on April 14, 2023 to the following:

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/s/ Michelle Brown Johnson

Michelle Brown Johnson