

FOR
FCC
USE
ONLY

FCC 301

APPLICATION FOR CONSTRUCTION PERMIT FOR COMMERCIAL BROADCAST STATION

FOR COMMISSION USE ONLY

FILE NO.

Section I - General Information

1	Legal Name of the Applicant		
	Mailing Address		
	City	State or Country (if foreign address)	ZIP Code
	Telephone Number (include area code)	E-Mail Address (if available)	
	FCC Registration Number	Call Sign	Facility ID Number

2.	Contact Representative (if other than applicant)	Firm or Company Name	
	Mailing Address		
	City	State or Country (if foreign address)	ZIP Code
	Telephone Number (include area code)	E-Mail Address (if available)	

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 _____

BP -

20230113AAA

4. Application Purpose.

- | | |
|--|--|
| ☐ New Station | ☐ Major Modification of construction permit |
| ☐ New Station with Petition for Rulemaking or Counterproposal to Amend FM Table of Allotments | ☐ Minor Modification of construction permit |
| ☐ New Station with Petition for Rulemaking or Counterproposal to Amend FM Table of Allotments using Tribal Priority | ☐ Major Amendment to pending application |
| | ☐ Minor Amendment to pending application |
| ☐ Major Change in licensed facility | |
| ☐ Minor Change in licensed facility | |

a. File number of original construction permit: _____

☐ N/A

b. Service Type: ☐ AM ☐ FM ☐ TV ☐ DTV ☐ DTS

c. DTV Type: ☐ Pre-Transition ☐ Post-Transition ☐ Both

d. Community of License:

City	State
------	-------

e. Facility Type: ☐ Main ☐ Auxiliary

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

Exhibit No.

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 and other entities 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 and other entities 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.

(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).

(1)	(2)	(3)	(4)	(5)

b. Applicant certifies that equity and financial interests not set forth above are non-attributable.

☐ Yes ☐ No

See Explanation in Exhibit No.

☐ N/A

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.

Exhibit No.

☐ N/A

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?

☐ Yes ☐ No

If "YES," radio applicants must submit as an Exhibit a copy of each such agreement for radio stations.

Exhibit No.

Section II - Legal

- b. Applicant certifies that the proposed facility complies with the Commission's multiple ownership rules.

☐ Yes ☐ No

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. Section 73.3555(a).

See Explanation
in Exhibit No. 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. Section 73.3555.

- c. Applicant certifies that the proposed facility:

☐ Yes ☐ No

- (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.

See Explanation
in Exhibit No.

- 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. Section 121.201), and holds:

☐ Yes ☐ No

- (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)?

See Explanation
in Exhibit No.

All applicants: If "Yes," submit as an Exhibit a detailed showing demonstrating proof of status as an eligible entity.

5. **Character Issues.** Applicant certifies that neither applicant nor any party to the application

☐ Yes ☐ No

- 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.

See Explanation
in Exhibit No.

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 the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination.

☐ Yes ☐ No

See Explanation
in Exhibit No.

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 No.

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.

☐ Yes ☐ No ☐ N/A

Exhibit No.

An exhibit is required unless this question is inapplicable.

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

Exhibit No.

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 Bayard H. Walters	Typed or Printed Title of Person Signing President
Signature /S/	Date 4/13/2023

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 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 Charles M. Anderson	Relationship to Applicant (e.g., Consulting Engineer) Consultant	
Signature Charles M. Anderson Digitally signed by Charles M. Anderson DN: cn=Charles M. Anderson, o.ou, email=cmanderson43@yahoo.com, c=US Date: 2023.04.08 12:03:26 -05'00'	Date 4/8/23	
Mailing Address 5900 Lake Cyrus Drive		
City Hoover	State or Country (if foreign address) AL	ZIP Code 35244
Telephone Number (include area code) 270-535-4432	E-Mail Address (if available) cmanderson43@yahoo.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).

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.

1.	Frequency:		kHz			
2.	Class:	☐ A	☐ B	☐ C	☐ D	
3.	Hours of Operation:	☐ Unlimited	☐ Limited	☐ Daytime	☐ Share Time	☐ Specified Hours:
4.	Daytime Operation:	☐ Yes ☐ No				
a.	Power:		kW			
b.	Antenna Location Coordinates: (NAD 27)					
	°'" °'"	☐ N ☐ E	☐ S Latitude ☐ W Longitude			
c.	Nondirectional:	☐ Yes ☐ No				
If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.						
Theoretical mV/m per kW at 1 km						

Tower	
Overall height above ground (include obstruction lighting) (meters)	
Antenna structure registration	Number <input style="margin-right: 5px;" type="checkbox"/> Notification filed with FAA <input style="margin-right: 5px;" type="checkbox"/> Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)	
Electrical height of radiator (degrees)	
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

TECH BOX - DAYTIME OPERATION

d. Directional:

☐ Yes ☐ No

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical _____ mV/m at 1 km

Standard RMS: _____ mV/m at 1 km

Towers	1	2	3	4
Overall height above ground (include obstruction lighting) (meters)				
Antenna structure registration	☐ Number Notification filed with FAA ☐ Not applicable	☐ Number Notification filed with FAA ☐ Not applicable	☐ Number Notification filed with FAA ☐ Not applicable	☐ Number Notification filed with FAA ☐ Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)				
Electrical height of radiator (degrees)				
Field ratio				
Phase (degrees)				
Spacing (degrees)				
Tower orientation (degrees)				
Tower reference switch				
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

Azimuth

Span

Augmentation radiation
(mV/m at 1 km)

TECH BOX - NIGHTTIME OPERATION

5. Nighttime Operation:

☐ Yes ☐ No

a. Power: _____ kW

b. Antenna Location Coordinates: (NAD 27)

_____ ° _____ ' _____ " ☐ N ☐ S Latitude
 _____ ° _____ ' _____ " ☐ E ☐ W Longitude

c. Nondirectional:

☐ Yes ☐ No

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical _____ mV/m per kW at 1 km

Tower	
Overall height above ground (include obstruction lighting) (meters)	
Antenna structure registration	_____ ☐ Number Notification filed with FAA ☐ Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)	
Electrical height of radiator (degrees)	
Top-Loaded/Sectionalized apparent height (degrees)	
A	
B	
C	
D	

TECH BOX - NIGHTTIME OPERATION

d. Directional:

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

☐ Yes ☐ No

Exhibit No.

Theoretical _____ mV/m at 1 km

Standard RMS: _____ mV/m at 1 km

Towers	1	2	3	4
Overall height above ground (include obstruction lighting) (meters)				
Antenna structure registration	Number ☐ Notification filed with FAA ☐ Not applicable	Number ☐ Notification filed with FAA ☐ Not applicable	Number ☐ Notification filed with FAA ☐ Not applicable	Number ☐ Notification filed with FAA ☐ Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)				
Electrical height of radiator (degrees)				
Field ratio				
Phase (degrees)				
Spacing (degrees)				
Tower orientation (degrees)				
Tower reference switch				
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

Azimuth

Span

Augmentation radiation

TECH BOX - CRITICAL HOURS OPERATION

6. Critical Hours Operation:

☐ Yes ☐ No

a. Power: _____ kW

b. Antenna Location Coordinates: (NAD 27)

_____ ° _____ ' _____ " ☐ N ☐ S Latitude
 _____ ° _____ ' _____ " ☐ E ☐ W Longitude

c. Nondirectional:

☐ Yes ☐ No

If "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical _____ mV/m per kW at 1 km

Tower	
Overall height above ground (include obstruction lighting) (meters)	
Antenna structure registration	_____ Number ☐ Notification filed with FAA ☐ Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)	
Electrical height of radiator (degrees)	
Top-Loaded/Sectionalized apparent height (meters)	
A	
B	
C	
D	

TECH BOX - CRITICAL HOURS OPERATION

d. Directional:

☐ Yes ☐ No

if "Yes," complete the following items. If additional space is needed, please provide the information requested below in an Exhibit.

Exhibit No.

Theoretical mV/m at 1 km

Standard RMS: mV/m at 1 km

Towers	1	2	3	4
Overall height above ground (include obstruction lighting) (meters)				
Antenna structure registration	☐ Notification filed with FAA ☐ Not applicable	☐ Notification filed with FAA ☐ Not applicable	☐ Notification filed with FAA ☐ Not applicable	☐ Notification filed with FAA ☐ Not applicable
Height of radiator above base insulator, or above base, if grounded (meters)				
Electrical height of radiator (degrees)				
Field ratio				
Phase (degrees)				
Spacing (degrees)				
Tower orientation (degrees)				
Tower reference switch				
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

Azimuth

Span

Augmentation radiation

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 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 No. **E**
- Exhibit No.
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 No. **E**
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 No.
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.
- Groundwave.**
- a. ☐ 47 C.F.R. Section 73.37
- Skywave.**
- b. ☐ 47 C.F.R. Section 73.182.
- Critical Hours.**
- c. ☐ 47 C.F.R. Section 73.187.
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 radio frequency 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 Exhibit No. **E**
- 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 radio frequency electromagnetic exposure in excess of FCC guidelines.
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 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 No.
- 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
- Exhibit No.
- 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
- Exhibit No.

FORM 301 EXHIBIT E
BP-20230113AAA
Amendment

WQZQ
830 kHz - 2.5 kW-Day/ 0.003 kW Night
Goodlettsville, TN

This technical report is provided in support of and amendment to the pending application BP-20230113AAA proposing a change in site and day and night powers. The original site that was proposed in the application is no longer available. WQZQ will be combined into the existing WFCN 1200 kHz 2 kW DAY facility (ASR#1227238). Appropriate combining and filtering networks will be installed to assure compliance with the Commission's spurious emissions requirements.

Site	N 36-12-30 W 86-52-21 (NAD 27 rounded to nearest second)
Day Power	2.5 kW ND - 244 mV/m/km RMS (see E13F)
Night power	0.003 kW ND - 244 mV/m/km RMS
Tower	49.7 m AGL - 48.8 m radiator - 48.6° at 830 kHz

A vertical sketch is provided as E13A, a site plat as E13B, a site topographic map as E13C and an aerial photograph as E13E with an overlay of the day 1000 mV/m contour. The 1,000 mV/m meter contour contains no population based on the AMPRO 2 calculation and exhibit E-13E clearly demonstrates that the population is less than 300 complying with §73.24(g).

§73.24(i) requires 50% coverage of the population or area of the city of license. Exhibit E14A demonstrates compliance with DAY 5 mV/m coverage of 98.5% of the 2020 population and 90.9% of the 2020 boundary area of Goodlettsville, TN. No night showing for a class D station with secondary night operation is required.

Exhibits:

E13A	Vertical sketch
E13B	Site plat
E13C	Site topographic map
E13D	25 mV/m and 1000 mV/m day contours
E13E	Aerial photographic view of day 1000 mV/m contour
E13F	Antenna efficiency
E13G	ASR#1227238
E14A	Day 5 mV/m
E17A	M-3 allocation plot
E17A1	Detailed M3 study for WUMY
E17A2	Detailed M3 study for WMGC
E17B	Day contours
E17C	Day allocation listing
E17D	Summary of measured ground conductivities and conductivity graphs
E18A	WCCO clearance
E18B	Night Interference calculations
E19	Critical Hours calculation

Day allocation analysis:

All analyses were conducted using V-Soft's AMRPO 2 software. An M3 allocations map is provided as E17A and detailed overlap analyses to WUMY on 830 kHz as E17A1 and to WMGC on 810 kHz as E17A2. E19 demonstrates §73.187 critical hours compliance. It is evident from these exhibits that the proposed facility does not cause or receive any overlap.

Antenna Efficiency:

The existing 48.8 meter tower has a ground system that is less than 0.15λ at 830 kHz. Therefore, the efficiency has been interpolated as permitted by Commission staff in similar circumstances in exhibit E13F. The values used were obtained using the Commission's §73.190, Figure 8 tool. Such an extrapolation was permitted for a $.076\lambda$ ground system for WATG in BMP-2021004AAE and others. In this case, exhibit E13F shows that the WQZQ, 830 kHz efficiency will be 244 mV/m/km/kW.

Measured Conductivities (E17S):

Measured ground conductivities for WUMY are included from the most recent application - BP-20160303AAW. Conductivities on the 268° radial measured from 1300 kHz station WNQM which is less than 1 mile from the WFCN site (see WFCN application BP-20150114ABA) are used here for WQZQ. The WHAS measurements were utilized in WQZQ application BMJP-20051024AAL.

Anderson Associates

Broadcast Engineering Consultants

A summary of measured conductivities is provided in E17FS along with tabulations and graphs. Further details are available in the respective files..

Night Allocation Analysis:

A night operating power of 0.003 kW is proposed. Again, AMPRO 2 was utilized to establish the required clearances as demonstrated in exhibits E18A and B.

RF analysis:

The RF contributions of the two proposed facilities at the site were analyzed at a distance of seven (7) meters for the existing fence at the tower. Values were determined from OET Bulletin 65, Supplement A figures 1 and 2 and interpolated for the WFCN 1200 kHz and WQZQ 830 kHz tower heights and then adjusted by the square root of the station's power.

Station	Frequency	λ	V/m	% Maximum	A/m	% Maximum
WFCN	1200 kHz	0.195	85.14	13.9	0.262	16.0
WQZQ	830 kHz	0.135	130.92	21.3	0.408	25.0
Total			216.06	35.2	0.670	41.0

Maximum values are 614 V/m and 1.63 A/m (OET65A, Table 1).

Clearly, the proposed combined operation meets the maximum permissible values at the existing seven (7) meter fence and is compliant.

Conclusion:

It is concluded that the proposed WQZQ facility complies with FCC rules and allocation and policies.

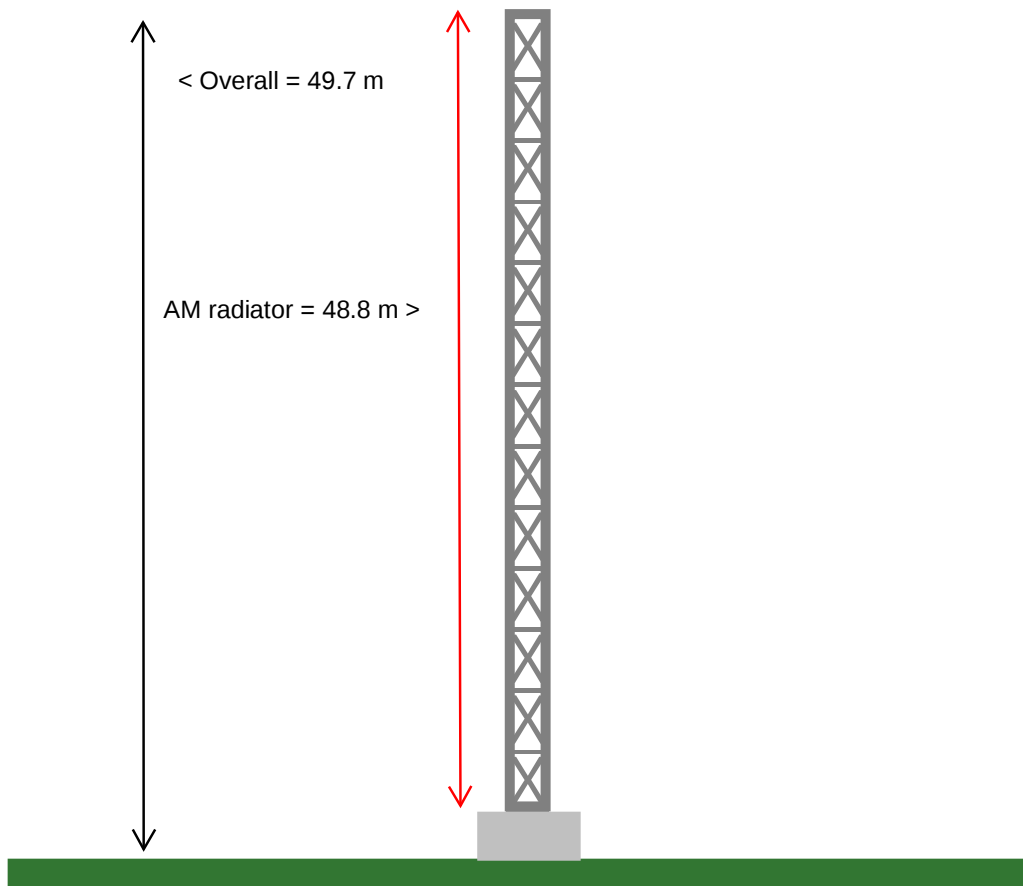


Charles M. Anderson 4-7-2023
270-535-4432
cmanderson43@yahoo.com
www.andersonassociatesradio.com

E13A VERTICAL SKETCH

ASR #1227238

E13A Vertical Sketch



WQZQ 2.5 kW 830 kHz facility will be combined with the existing WFCN 2 kW-Day 1200 kHz facility. The existing 48.8 meter series feed tower and 48 meter ground system has an efficiency of 244 mV/m/km/ kW (E13F).

E13B SITE PLAT

Approximate site boundary. Three additional towers have been dismantled.

Proposed tower.

Jennie Brown Ln

Briley Pkwy

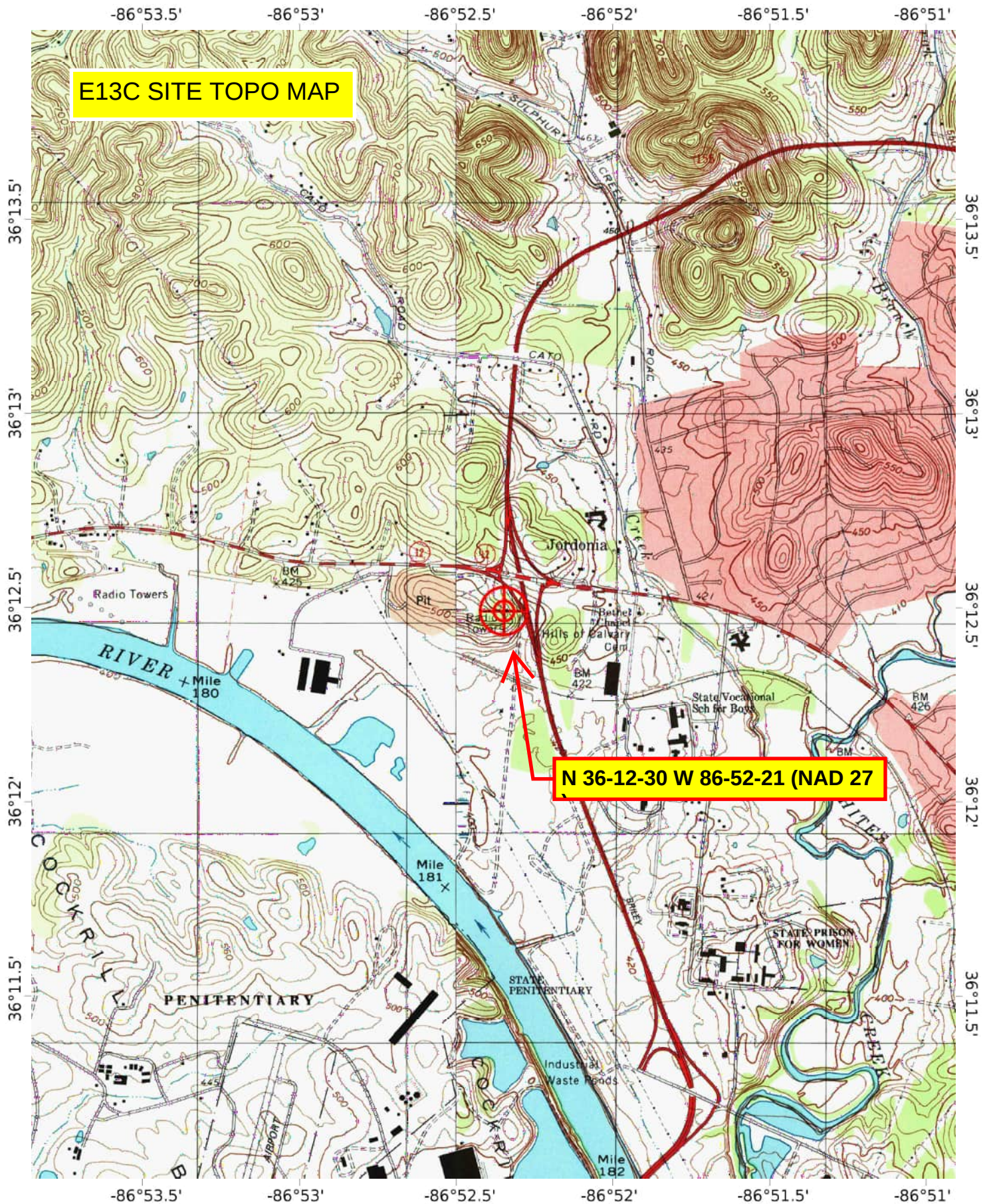
12

155



400 ft

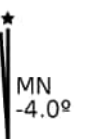
E13C SITE TOPO MAP



Mercator Projection
NAD27 Conus
UTM Zone 16S



0.5 1.0 1.5 2.0 2.5 km
0.5 1.0 1.5 mi
Scale 1:24000 1 inch = 2000 feet



WQZQ-AP

Freq: 830 kHz
Class: D
Latitude: 36-12-30 N
Longitude: 086-52-21 W
Power: 2.5 kW
RMS: 244 mV/m @1km
Towers: 1

E13D 1000-25 mV/m

25 mV/m = 102,337 (2020)

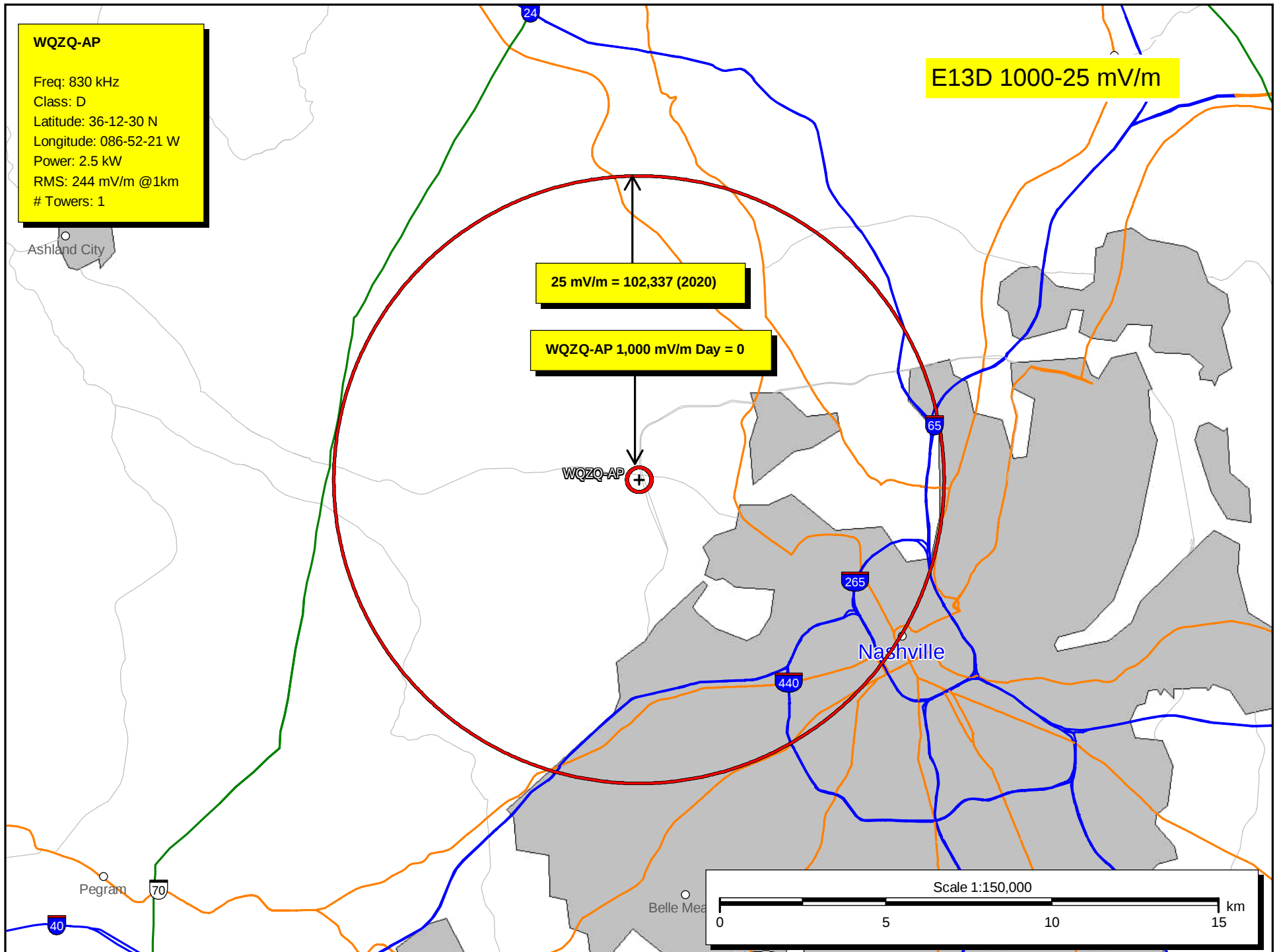
WQZQ-AP 1,000 mV/m Day = 0

WQZQ-AP

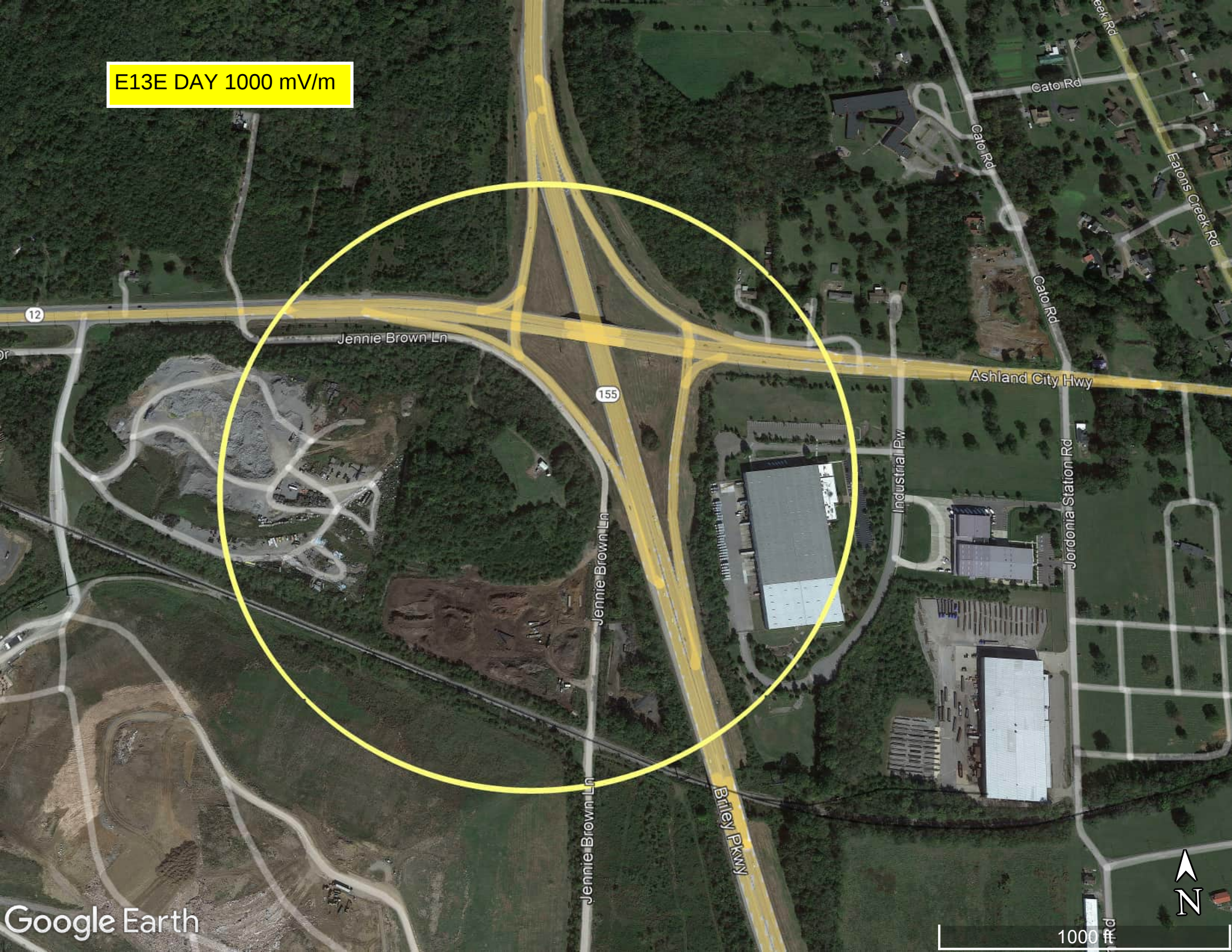
Nashville

Scale 1:150,000

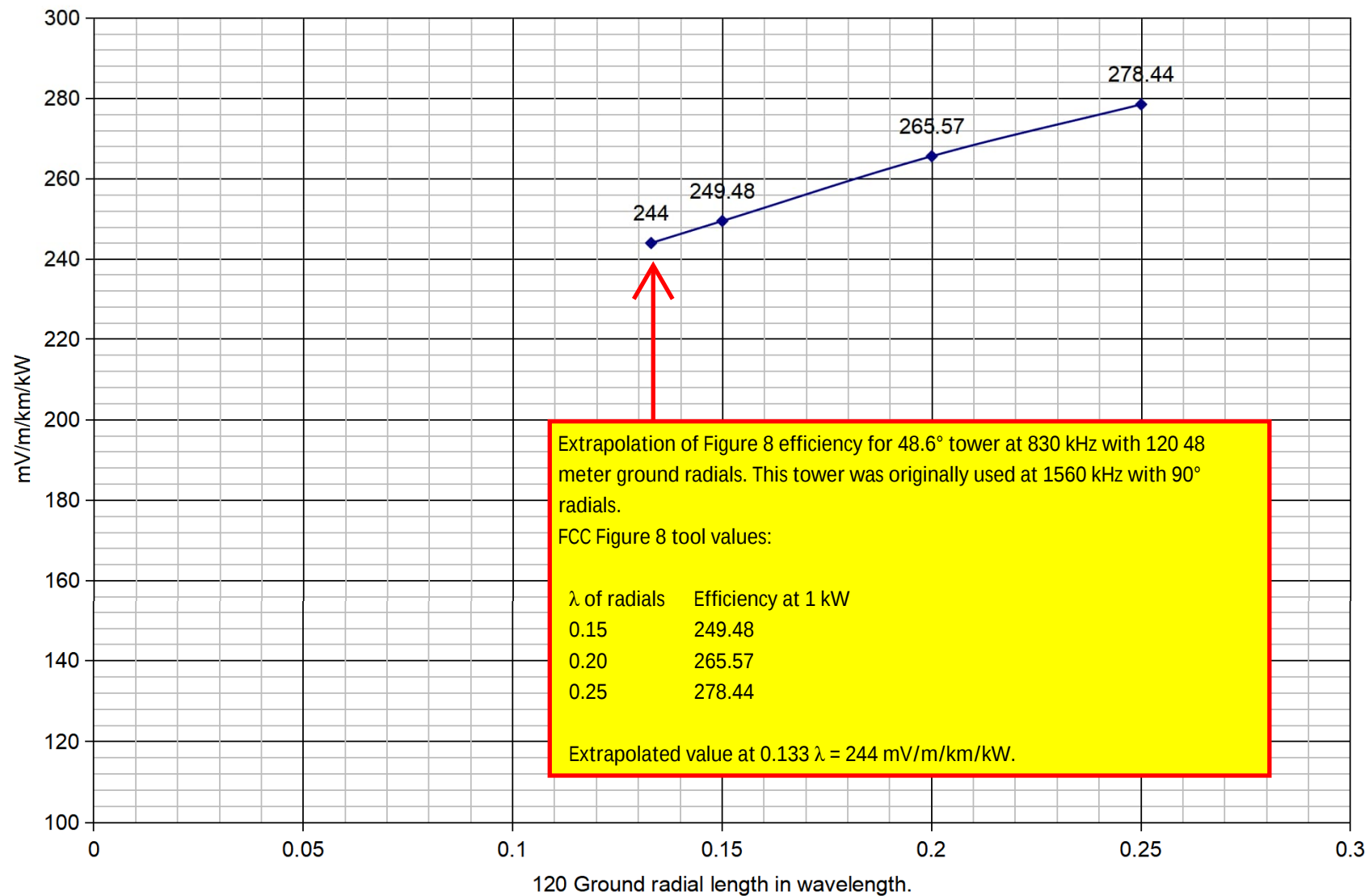
0 5 10 15 km



E13E DAY 1000 mV/m



E13F 830 kHz 48.8 Degree Tower Ground System Adjustment



E13G Registration 1227238



Registration Detail

Reg Number	1227238	Status	Constructed
File Number	A1115828	Constructed	09/19/2018
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	36-12-29.8 N 086-52-20.8 W	Address	4479 ASHLAND CITY HIGHWAY
City, State	NASHVILLE , TN		
Zip	37218	County	DAVIDSON
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
150.3	49.7
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
200.0	49.7

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 12

Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2017-ASO-21694-OE	FAA Issue Date	05/15/2018
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Owner & Contact Information

FRN	0006791354	Owner Entity Type	Other - Non Commercial Educational Institution
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Owner

Moody Bible Institute
Attention To: Mark Willames
820 N. LaSalle Blvd
Chicago , IL 60610

P: (312)329-4303
F:
E: mark.willames@moody.edu

Contact

Willames , Mark
820 N. LaSalle Blvd
Chicago , IL 60610

P: (312)329-4303
F:
E: mark.willames@moody.edu

Last Action Status

Status	Constructed	Received	09/19/2018
Purpose	Notification	Entered	09/19/2018
Mode	Interactive		

Related Applications

WQZQ-AP

Freq: 830 kHz
Class: D
Latitude: 36-12-30 N
Longitude: 086-52-21 W
Power: 2.5 kW
RMS: 244 mV/m @1km
Towers: 1

E14A DAY 5 mV/m

WQZQ-AP 5 mV/m Day

Goodlettsville 2020
Boundary

Overlap = RED

Overlap Population Report

WQZQ-AP / Goodlettsville, TN
Population Database: 2020 US Census (PL)

Overlap Area: 34.32 sq. km (Area determined using 0.021 km cells)

Area Description	Total Populatio	Total Area [sq. km]	Percent Population	Percent Area
Goodlettsville, TN	17,789	37.75	98.5 %	90.9 %

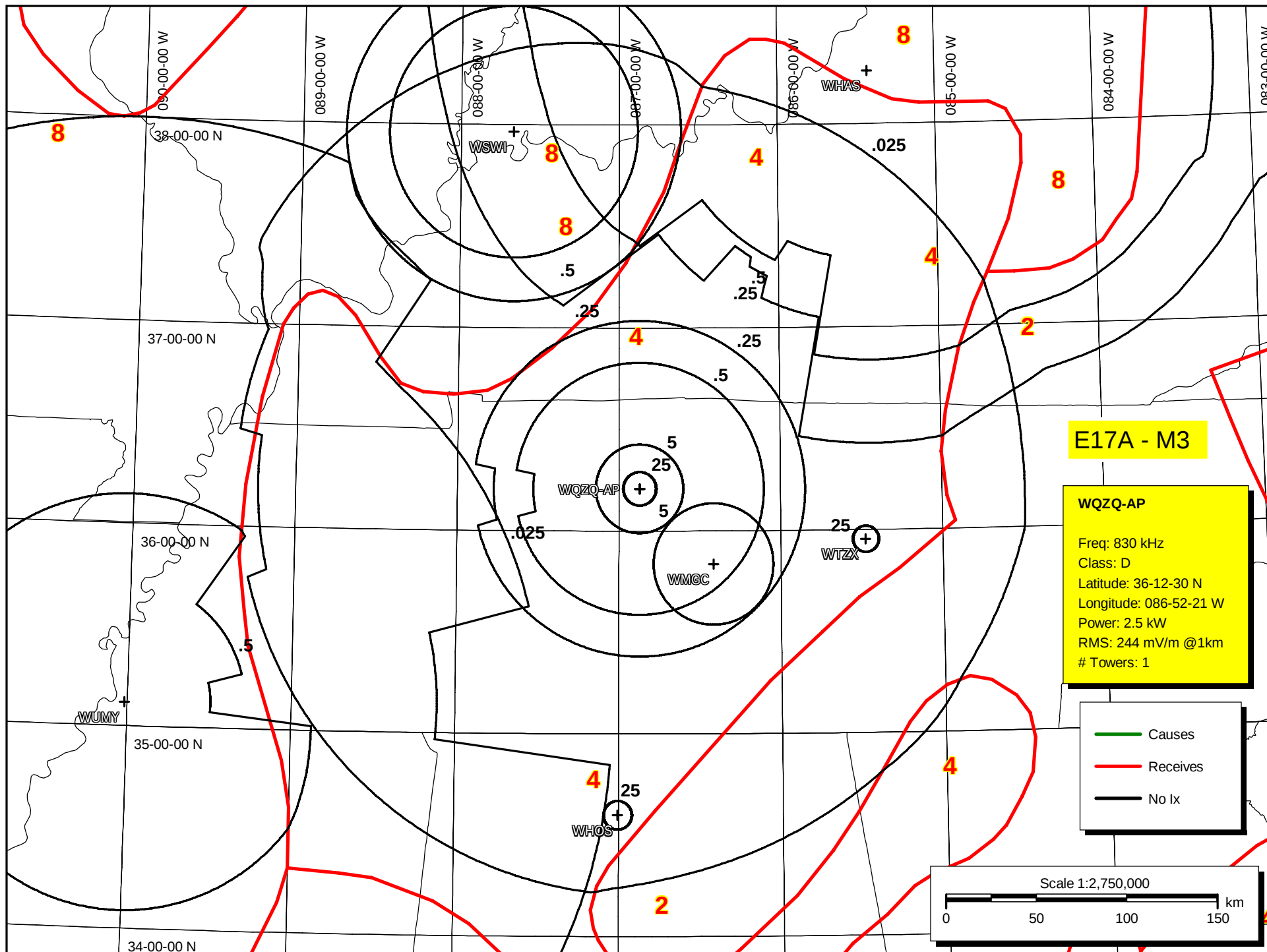
WQZQ-AP

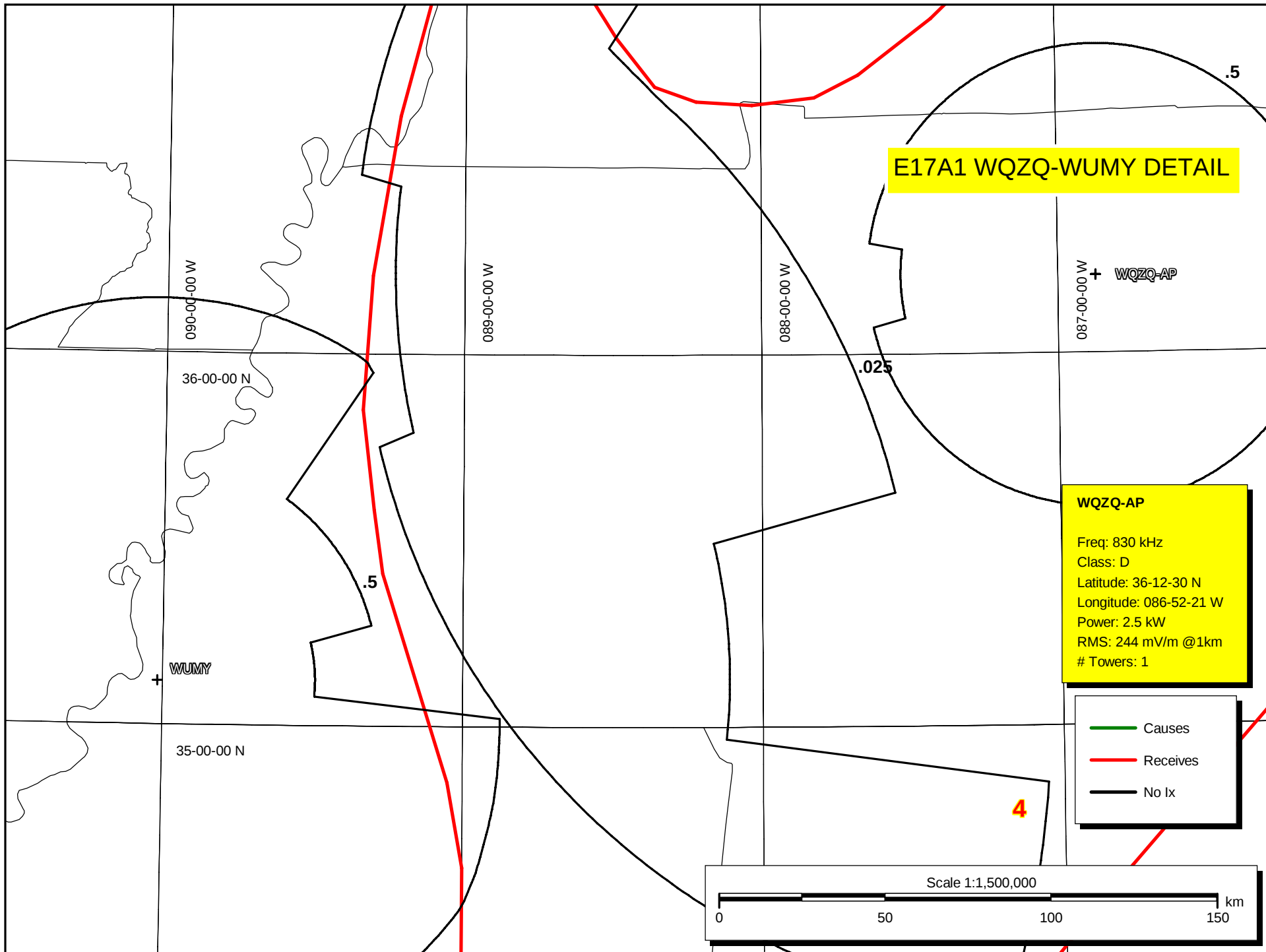
Nashville

Scale 1:300,000

0 4 8 12 km

V-Soft Communications, LLC ©





E17A2 WQZQ-WMGC DETAIL

WQZQ-AP

Freq: 830 kHz
Class: D
Latitude: 36-12-30 N
Longitude: 086-52-21 W
Power: 2.5 kW
RMS: 244 mV/m @1km
Towers: 1

WMGC

Freq: 810 kHz
Class: D
Latitude: 35-50-14 N
Longitude: 086-25-00 W
Power: 5 kW
RMS: 283.24 mV/m @1km
Towers: 1

+ WQZQ-AP

+ WMGC

5

5

087-30-00 W

087-00-00 W

086-30-00 W

086-00-00 W

36-00-00 N

35-30-00 N

Scale 1:600,000

0 20 40 60 km

Freq: 830 kHz
Class: D
Latitude: 36-12-30 N
Longitude: 086-52-21 W
Power: 2.5 kW
RMS: 244 mV/m @1km
Towers: 1



Age (years)	Percentage (%)
18	10
20	25
25	45
30	65
35	85
40	95
45	100
50	100
55	100
60	100
65	100

E17C Day Allocation Factors

Reference Station: WQZQ-AP, 830 kHz

Location: 36-12-30 N, 086-52-21 W

*** 800 kHz (-3) ***

179.0 km WHOS L 34-35-55 N 087-00-24 W 1.0 kW ND1 - 296.1 mV/m@1km
111.2 mi Azi: 183.9 Class: D Sched: U File #: BL3381
Location: DECATUR, AL, US

*** 810 kHz (-2) ***

58.2 km WMGC L 35-50-14 N 086-25-00 W 5.0 kW NDD - 283.2 mV/m@1km
36.1 mi Azi: 135.2 Class: D Sched: U File #: BL19970604AD
Location: MURFREESBORO, TN, US

*** 820 kHz (-1) ***

207.4 km WSWI L 37-57-53 N 087-40-06 W 0.25 kW NDD - 305.8 mV/m@1km
128.8 mi Azi: 339.8 Class: D Sched: D File #: BL19881223AA
Location: EVANSVILLE, IN, US

*** 830 kHz (C0) ***

15.8 km WQZQ L 36-16-22 N 086-42-57 W 2.0 kW NDD - 286.2 mV/m@1km
9.8 mi Azi: 63.1 Class: D Sched: D File #: BL20110329AED
Location: GOODLETTSVILLE, TN, US
309.3 km WUMY L 35-07-01 N 090-00-59 W 3.0 kW NDD - 297.2 mV/m@1km
192.2 mi Azi: 246.0 Class: D Sched: D File #: BL20111230ADD
Location: MEMPHIS, TN, US

*** 840 kHz (+1) ***

261.4 km WHAS L 38-15-40 N 085-25-43 W 50.0 kW ND1 - 412.0 mV/m@1km
162.4 mi Azi: 29.8 Class: A Sched: U File #: BL19851121AF
Location: LOUISVILLE, KY, US

*** 860 kHz (+3) ***

128.8 km WTZX L 35-57-16 N 085-28-37 W 0.95 kW ND2 - 282.7 mV/m@1km
80.0 mi Azi: 103.0 Class: D Sched: U File #: BL20200826AAF
Location: SPARTA, TN, US

E17D Critical Hours Radiation Report

Call: WQZQ-AP
 Freq: 830 kHz
 NASHVILLE, TN, US
 Hours: D
 Lat: 36-12-30 N [NAD27]
 Lng: 086-52-21 W
 Power: 2.5 kW
 Theo RMS: 244.00 mV/m @ 1km @ 1kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	48.6	0	0	0.0	0.0	0.0	0.0

Interpolation factors for 830 kHz:

K(500) = 0.340
 K(1000) = 0.660
 K(1600) = 0.000

 Call: WCCO
 Freq: 830 kHz
 MINNEAPOLIS, MN, US
 Hours: U
 Lat: 45-10-40 N [NAD27]
 Lng: 093-20-55 W
 Power: 50.0 kW
 Theo RMS: 410.00 mV/m @ 1km @ 1kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	194.4	0	0	0.0	0.0	0.0	0.0

Permissible radiation calculated using FCC 73.190 curves.
 Calculations performed using distance to the class A station's 0.1 mV/m contour.

Class A Azimuth (deg)	Reference Azimuth (deg)	Distance to 0.1 mV (km)/ (mi)	Max Vert Angle (deg)	Max Rad Below Ang (mV/m@1km)	Permiss Radiation (mV/m@1km)	Margin (mV/m@1km)
196.26	314.00	908.8 / 564.7	12.7	385.80	1246.9	861.1
194.62	315.00	903.3 / 561.3	12.8	385.80	1249.4	863.6
193.11	316.00	900.2 / 559.3	12.8	385.80	1255.0	869.2
188.00	317.00	869.4 / 540.2	13.4	385.80	1225.5	839.7
184.09	318.00	847.5 / 526.6	13.8	385.80	1207.4	821.6

E17D Continued

180.78	319.00	830.5 /	516.0	14.2	385.80	1195.2	809.4
177.80	320.00	816.3 /	507.2	14.5	385.80	1186.5	800.7
175.07	321.00	804.3 /	499.8	14.7	385.80	1180.4	794.6
172.64	322.00	795.3 /	494.2	14.9	385.80	1177.9	792.1
170.33	323.00	788.0 /	489.6	15.1	385.80	1177.4	791.6
168.11	324.00	781.8 /	485.8	15.2	385.80	1178.4	792.6
166.45	325.00	784.2 /	487.3	15.2	385.80	1190.6	804.8
164.83	326.00	789.0 /	490.3	15.1	385.80	1206.3	820.5
163.15	327.00	795.1 /	494.0	14.9	385.80	1224.4	838.6
161.36	328.00	801.9 /	498.3	14.8	385.80	1244.4	858.6
159.32	329.00	806.8 /	501.3	14.7	385.80	1262.2	876.4
157.20	330.00	813.3 /	505.3	14.5	385.80	1283.1	897.3
155.01	331.00	823.8 /	511.9	14.3	385.80	1311.2	925.4
152.43	332.00	826.0 /	513.2	14.3	385.80	1327.2	941.4
149.78	333.00	826.0 /	513.2	14.3	385.80	1340.2	954.4
147.06	334.00	832.2 /	517.1	14.1	385.80	1363.7	977.9
144.26	335.00	836.1 /	519.5	14.1	385.80	1384.3	998.5
141.36	336.00	840.9 /	522.5	14.0	385.80	1407.2	1021.4
138.35	337.00	846.8 /	526.2	13.8	385.80	1432.9	1047.1
135.20	338.00	853.9 /	530.6	13.7	385.80	1461.6	1075.8
131.87	339.00	862.3 /	535.8	13.5	385.80	1493.9	1108.1
128.33	340.00	872.2 /	542.0	13.4	385.80	1530.7	1144.9
124.39	341.00	885.1 /	550.0	13.1	385.80	1575.2	1189.4
119.05	342.00	908.1 /	564.2	12.7	385.80	1643.8	1258.0
114.30	343.00	924.3 /	574.3	12.4	385.80	1701.6	1315.8
109.27	344.00	941.9 /	585.3	12.1	385.80	1765.9	1380.1
103.37	345.00	964.6 /	599.4	11.7	385.80	1846.7	1460.9
95.88	346.00	995.9 /	618.8	11.2	385.80	1955.9	1570.1
83.51	347.00	1051.9 /	653.6	10.4	385.80	2145.7	1759.9

Class A Azimuth (deg)	Reference Azimuth (deg)	Distance to 0.1 mV (km)/ (mi)		K(500) Value (mV/m@1km)	K(1000) Value (mV/m@1km)	Permiss Radiation (mV/m@1km)
-----	-----	-----		-----	-----	-----
196.26	314.00	908.8 /	564.7	2190.26	760.95	1246.9
194.62	315.00	903.3 /	561.3	2195.26	762.15	1249.4
193.11	316.00	900.2 /	559.3	2205.17	765.46	1255.0
188.00	317.00	869.4 /	540.2	2158.61	744.78	1225.5
184.09	318.00	847.5 /	526.6	2129.81	732.14	1207.4
180.78	319.00	830.5 /	516.0	2110.37	723.80	1195.2
177.80	320.00	816.3 /	507.2	2096.16	717.92	1186.5
175.07	321.00	804.3 /	499.8	2085.96	713.86	1180.4
172.64	322.00	795.3 /	494.2	2081.81	712.28	1177.9
170.33	323.00	788.0 /	489.6	2080.92	712.02	1177.4
168.11	324.00	781.8 /	485.8	2082.44	712.71	1178.4
166.45	325.00	784.2 /	487.3	2103.18	720.44	1190.6
164.83	326.00	789.0 /	490.3	2129.99	730.51	1206.3
163.15	327.00	795.1 /	494.0	2160.60	742.15	1224.4
161.36	328.00	801.9 /	498.3	2194.15	755.06	1244.4

E17D Continued

159.32	329.00	806.8 /	501.3	2223.93	766.70	1262.2
157.20	330.00	813.3 /	505.3	2258.86	780.48	1283.1
155.01	331.00	823.8 /	511.9	2305.41	798.97	1311.2
152.43	332.00	826.0 /	513.2	2331.90	809.64	1327.2
149.78	333.00	826.0 /	513.2	2353.24	818.27	1340.2
147.06	334.00	832.2 /	517.1	2392.28	833.85	1363.7
144.26	335.00	836.1 /	519.5	2426.56	847.45	1384.3
141.36	336.00	840.9 /	522.5	2464.66	862.39	1407.2
138.35	337.00	846.8 /	526.2	2507.82	879.12	1432.9
135.20	338.00	853.9 /	530.6	2556.30	897.65	1461.6
131.87	339.00	862.3 /	535.8	2611.14	918.30	1493.9
128.33	340.00	872.2 /	542.0	2674.10	941.66	1530.7
124.39	341.00	885.1 /	550.0	2750.48	969.71	1575.2
119.05	342.00	908.1 /	564.2	2867.86	1013.20	1643.8
114.30	343.00	924.3 /	574.3	2967.63	1049.39	1701.6
109.27	344.00	941.9 /	585.3	3078.67	1089.69	1765.9
103.37	345.00	964.6 /	599.4	3217.02	1140.78	1846.7
95.88	346.00	995.9 /	618.8	3401.88	1211.04	1955.9
83.51	347.00	1051.9 /	653.6	3719.85	1334.79	2145.7

EXHIBIT E17FS

SUMMARY OF MEASURED CONDUCTIVITIES AND SOURCE

For WQZQ 830 kHz:

268° (WFCN application BP-20150114ABA - measured on WNQM 1300 kHz less than 1 mile from the WFCN site)

4 to 8.9 km (M3), 4 to 42.5 km, 3 to 66.1 km

For WHAS 840 kHz (from BMJP-20051024AAL)

202 - 4 to 96.5 km (M3), 3 to 103 km, 1.5 to 138 km

211.7 - 2 to .7 km, 3 to 46.7 km, 2 to 125.5 km, 1 to 148.3 km

213 - 4 to 48.3 km (M3), 2 to 115.8 km, 1 to 151.2 km

223 - 4 to 103 km (M3), 2 to 146.4 km, 1.5 to 152.9 km

For WUMY 830 kHz (from BP-20160303AAW)

45° - 3 to 3.41 km, 2 to 5.93 km, 1.5 to 8.83 km, 3 to 10.6 km, 2 to 46.4 km, 3 to 96.1 km

65° - 3 to 4.02 km, 4 to 7.24 km, 5 to 8.47 km, 4 to 10.1 km, 3 to 11.3 km, 4 to 16.1 km, 3 to 18.8 km, 4 to 27 km, 3 to 36 km, 2 to 52.1 km, 3 to 97.5 km

85° - 3 to 3.17 km, 5 to 4.57 km, 6 to 7.57 km, 3 to 24.2 km, 2 to 36.9 km, 1.5 to 58.4 km, 1 to 99.3 km

FIG. 5

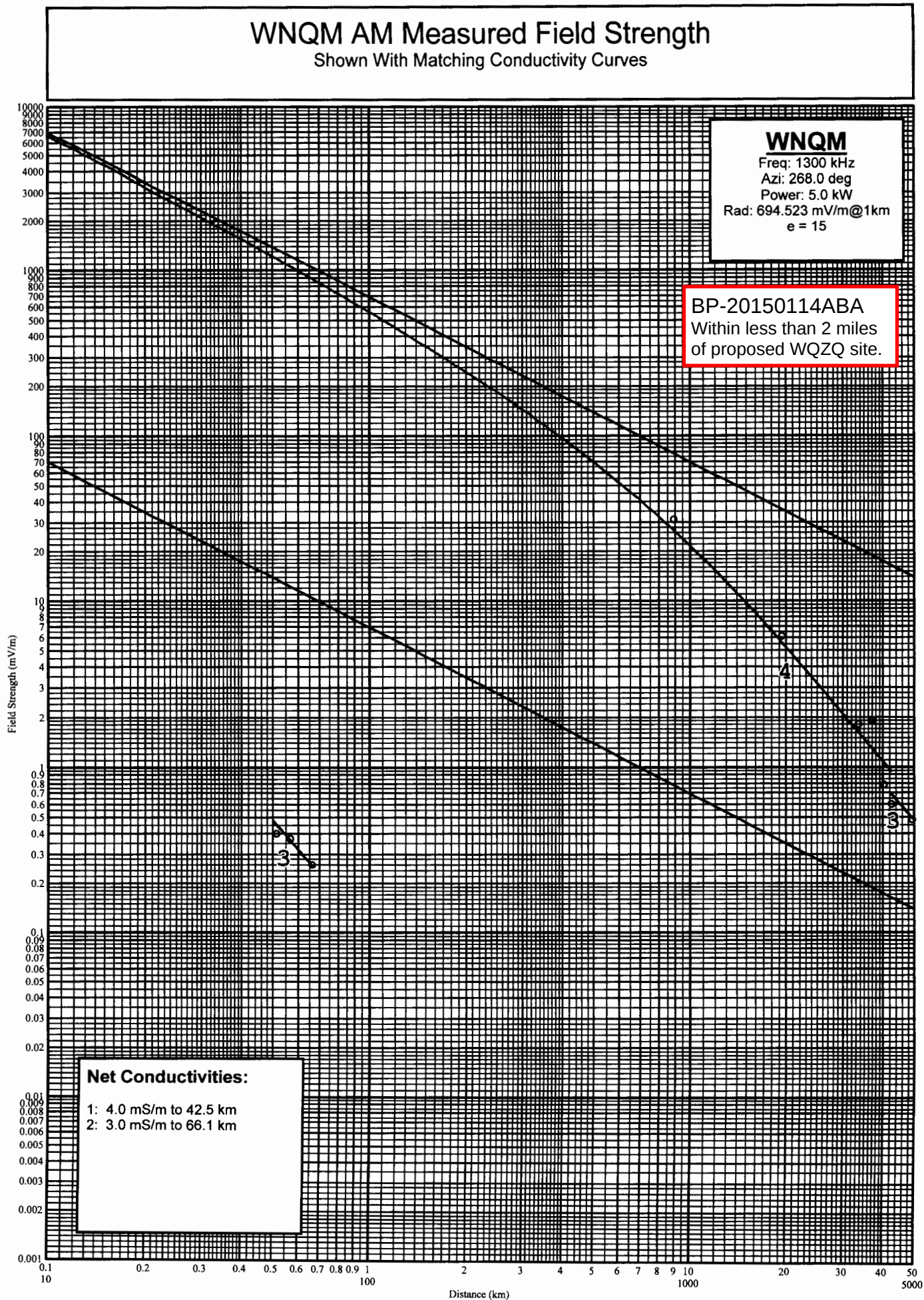
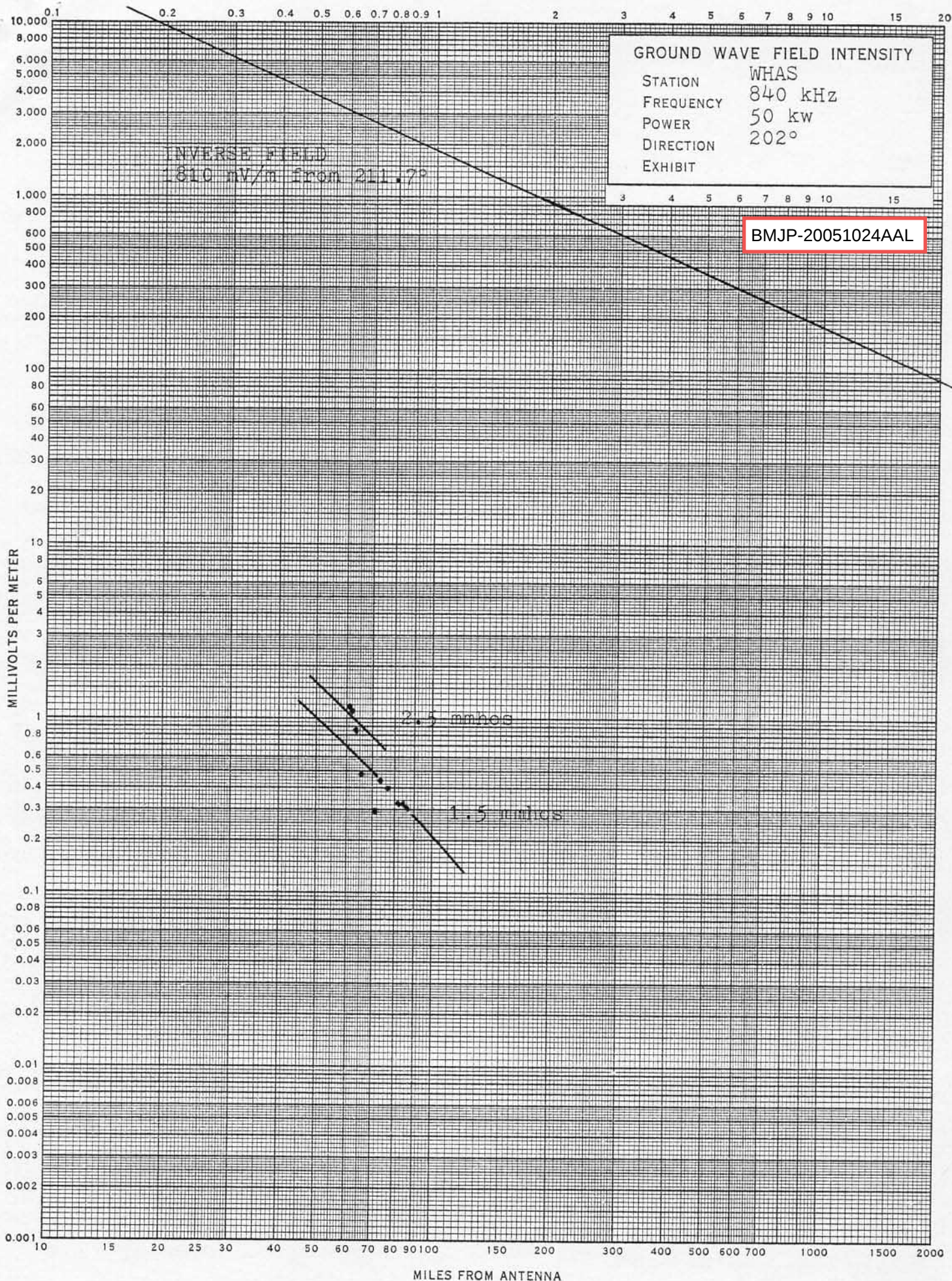


FIG. 10

WNQM Measurements for 268.0 degrees.

Point Number	Distance		Field (mV/m)	Notes	Date	Time
-----	(km)	(mi)	-----	-----	-----	-----
1	8.90	5.53	31.000		4/16/1995	0821
2	19.30	11.99	6.100		4/16/1995	0839
3	33.50	20.82	1.800		4/16/1995	0856
4	37.00	22.99	1.900		4/16/1995	0907
5	40.40	25.10	0.780		4/16/1995	0914
6	42.50	26.41	0.600		4/16/1995	0921
7	42.50	26.41	0.600		4/16/1995	0921
8	49.40	30.70	0.480		4/16/1995	0937
9	51.30	31.88	0.400		4/16/1995	0945
10	56.60	35.17	0.370		4/16/1995	1004
11	66.10	41.07	0.260		4/16/1995	1042

MILES FROM ANTENNA

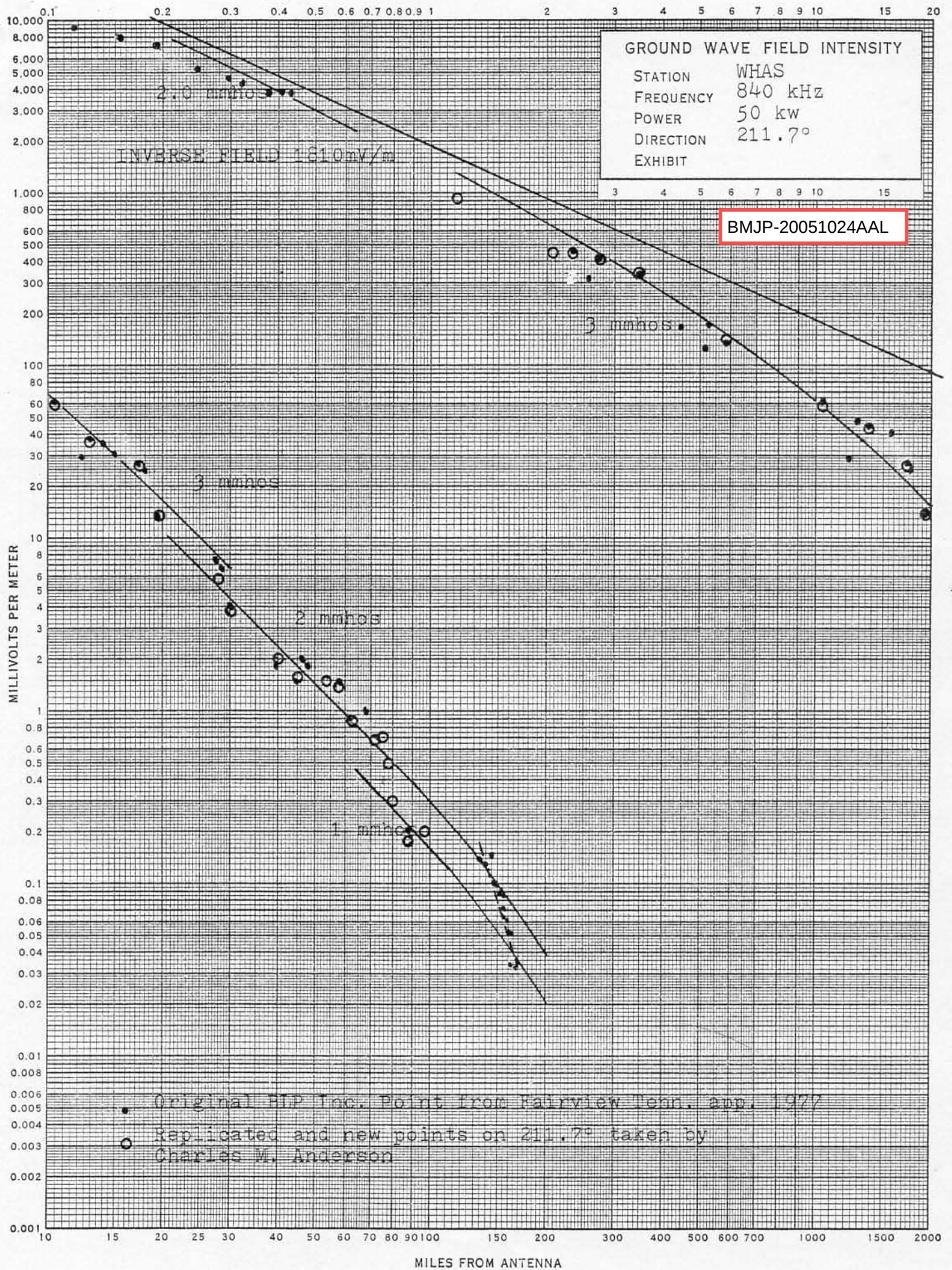


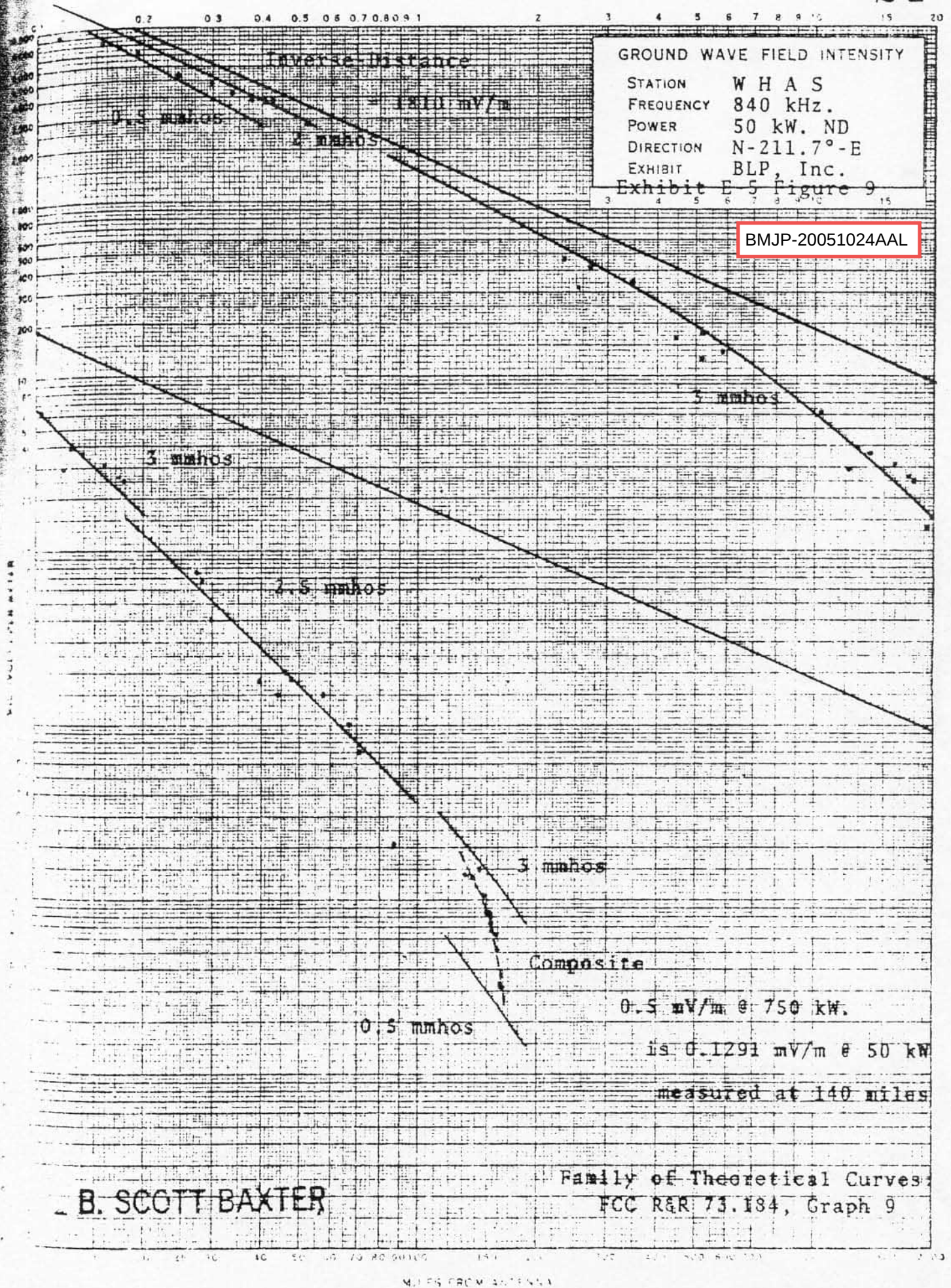
GROUND WAVE FIELD INTENSITY

STATION WHAS
 FREQUENCY 840 kHz
 POWER 50 kw
 DIRECTION 202°
 EXHIBIT

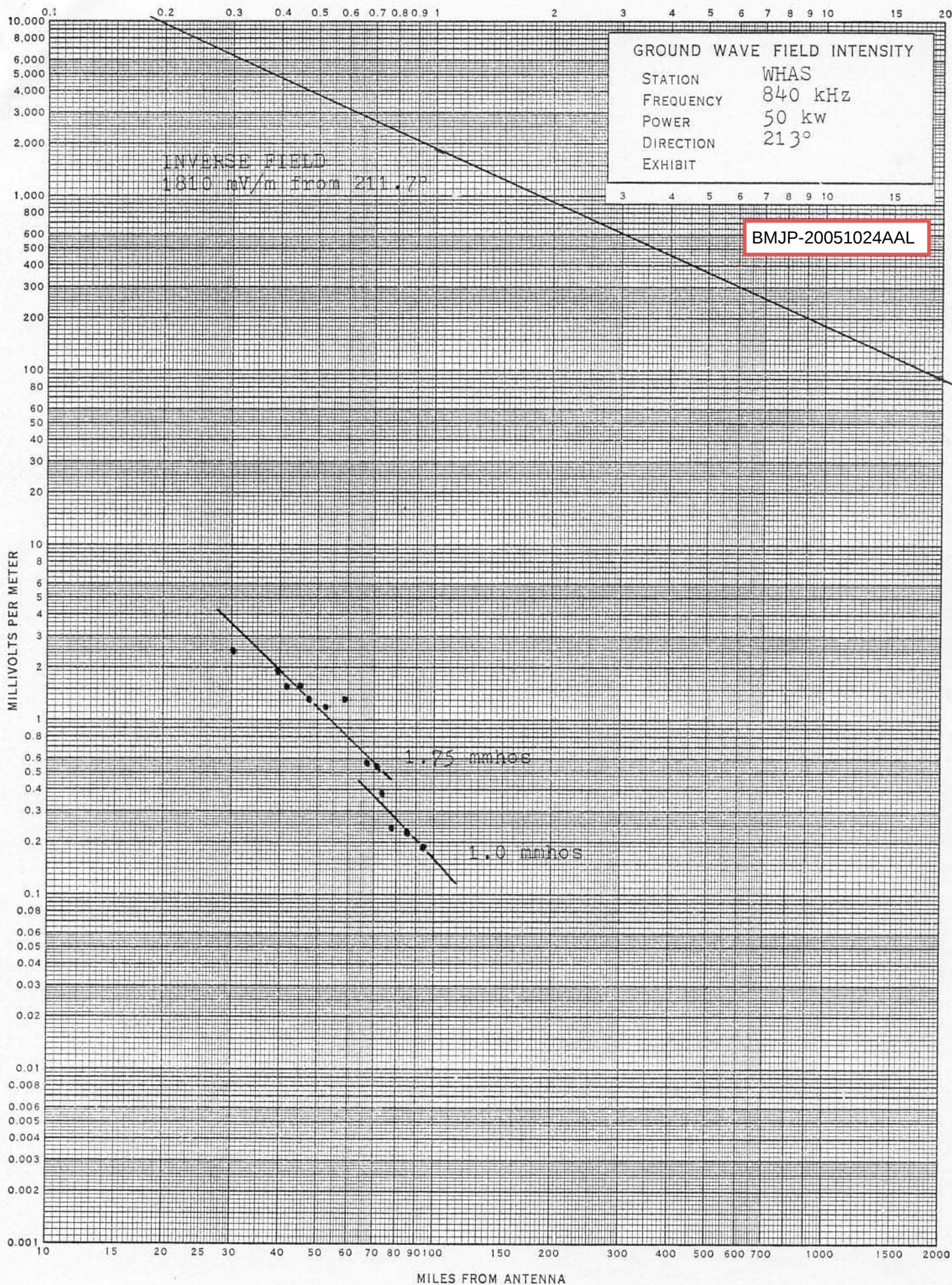
BMJP-20051024AAL

MILES FROM ANTENNA





MILES FROM ANTENNA



MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

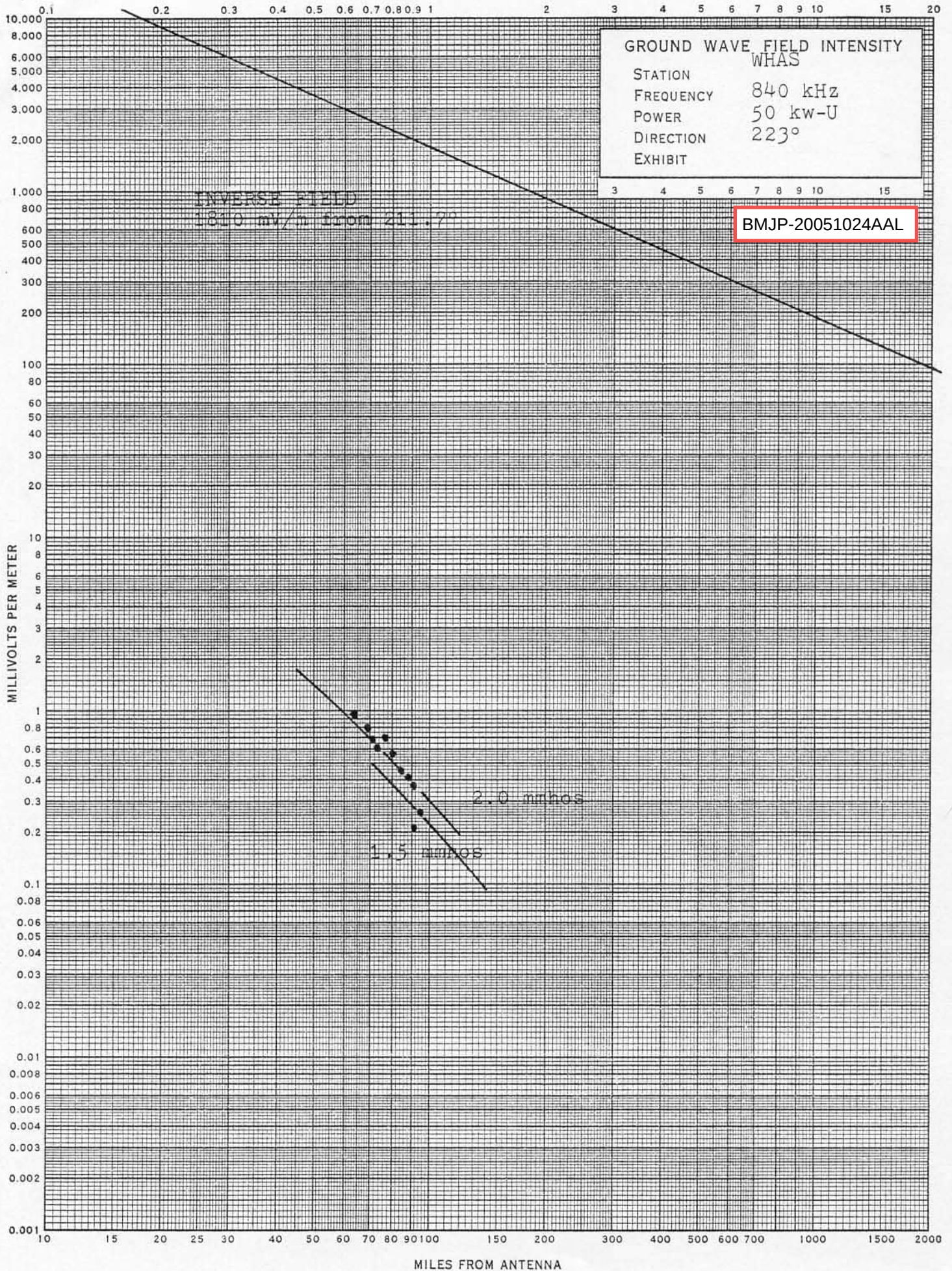
WHAS

STATION
FREQUENCY 840 kHz
POWER 50 kw-U
DIRECTION 223°
EXHIBIT

INVERSE FIELD
1810 mV/m from 211.7°

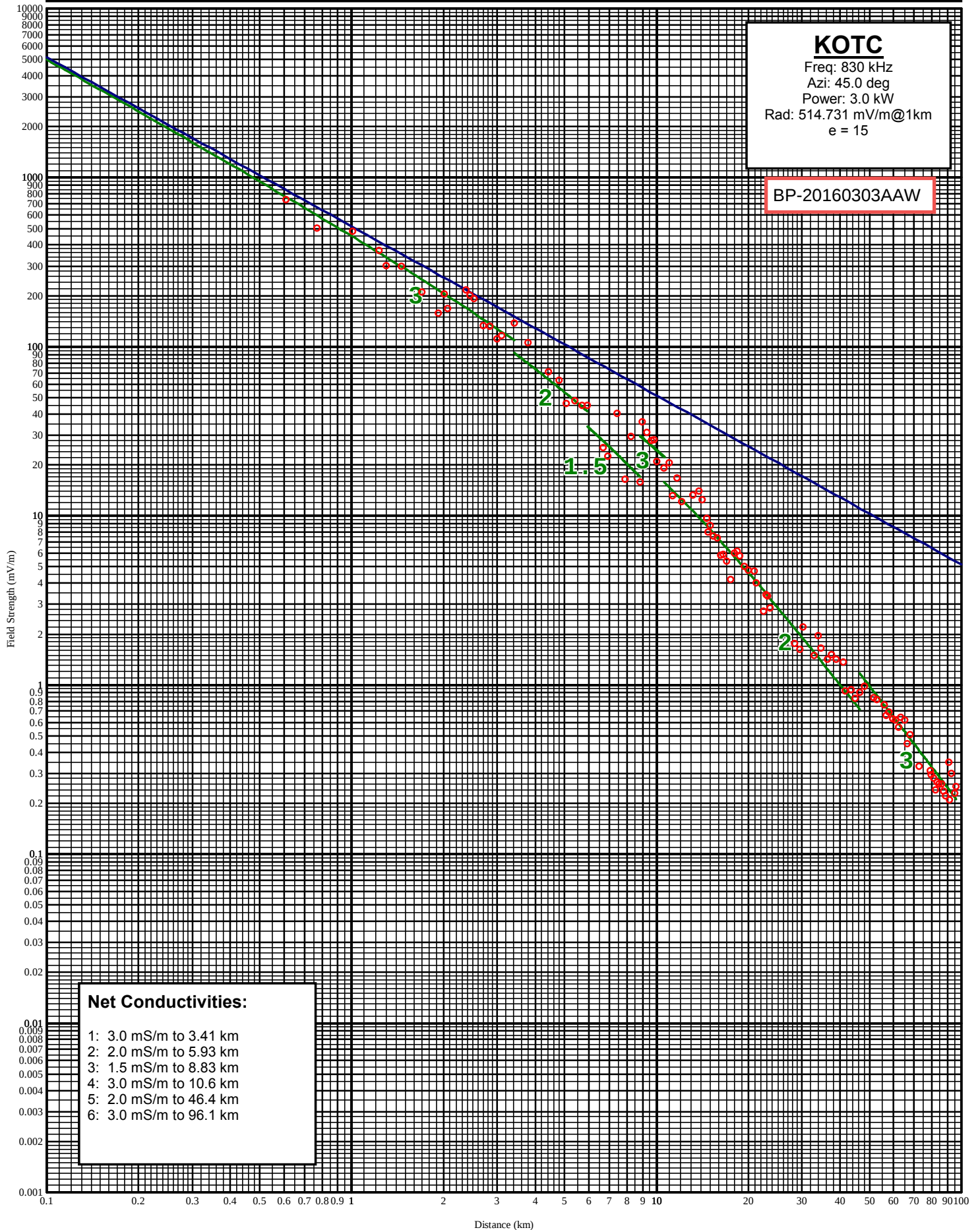
BMJP-20051024AAL

MILLIVOLTS PER METER



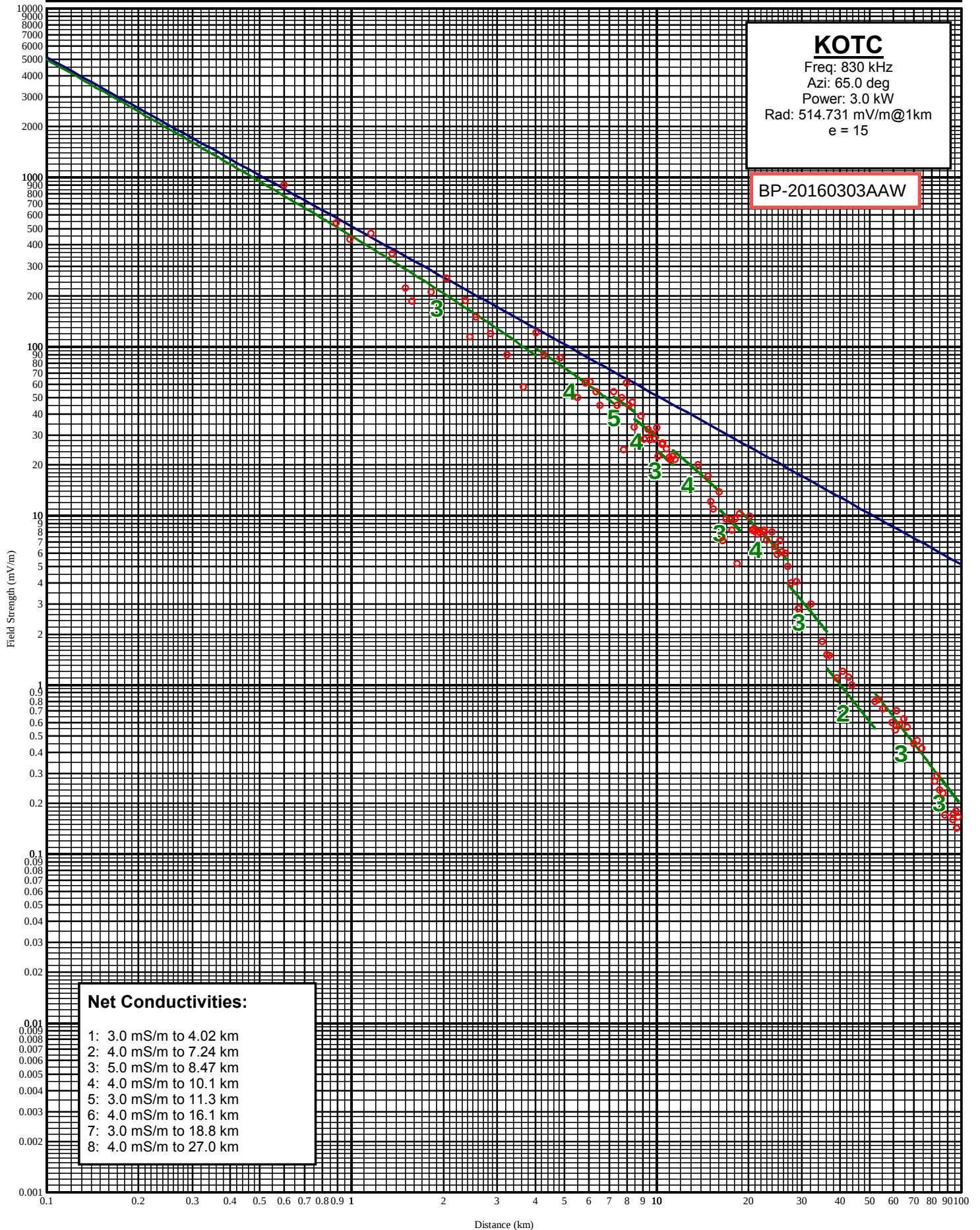
KOTC AM Measured Field Strength

Shown With Matching Conductivity Curves



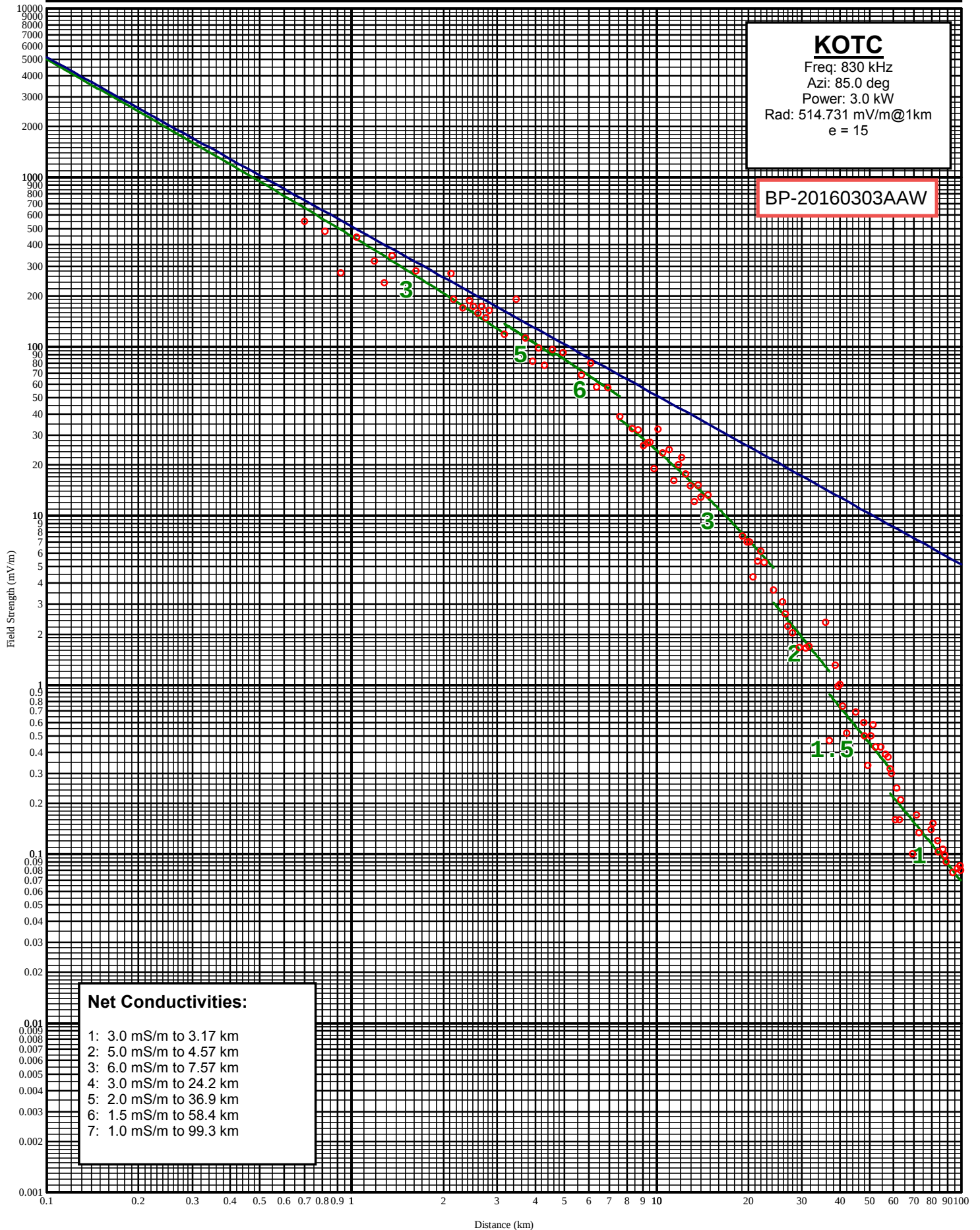
KOTC AM Measured Field Strength

Shown With Matching Conductivity Curves



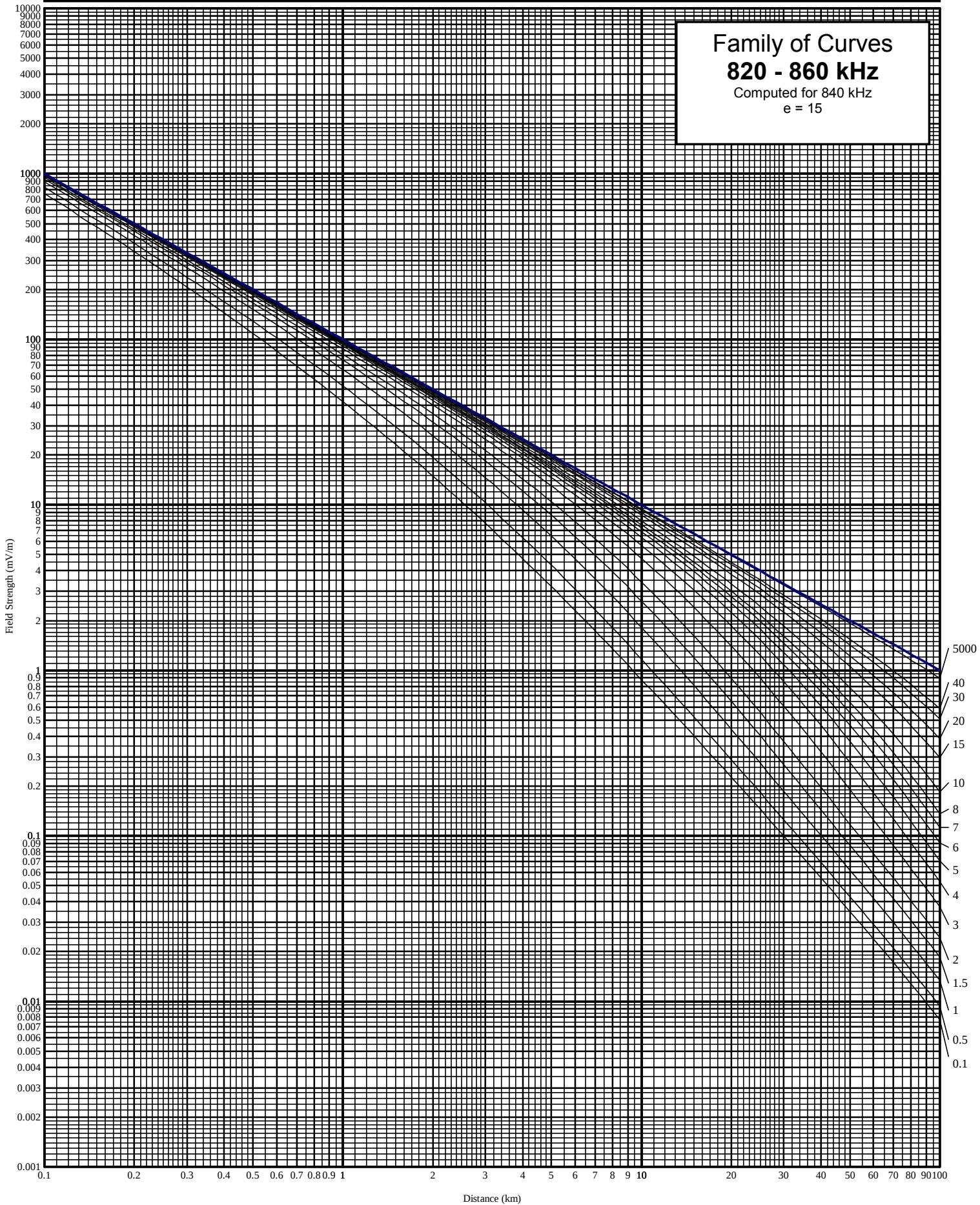
KOTC AM Measured Field Strength

Shown With Matching Conductivity Curves

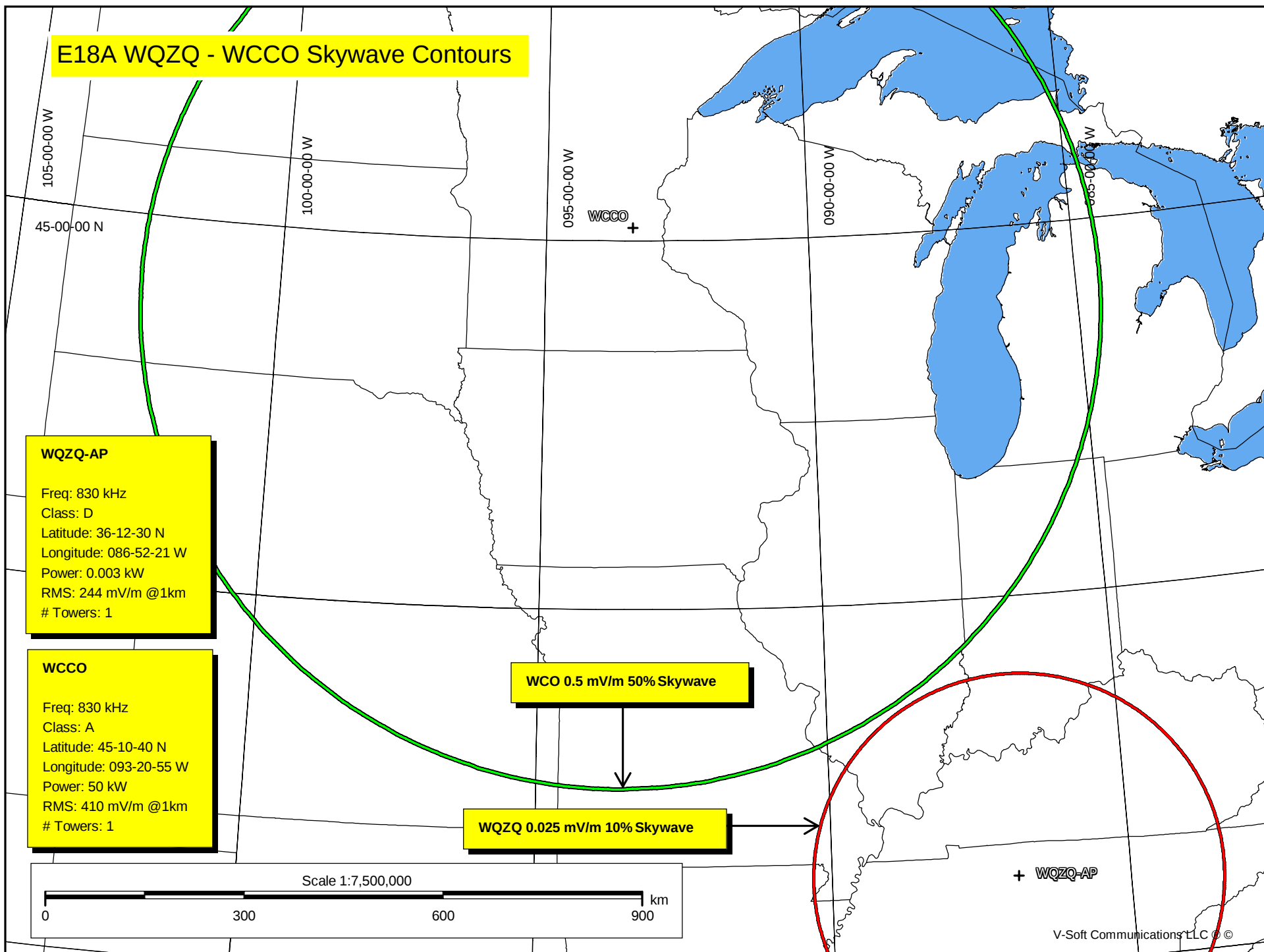


Groundwave Field Strength vs. Distance

Inverse Distance Field: 100.0 mV/m@1km



E18A WQZQ - WCCO Skywave Contours



E18B Night Allocation Protection Report

Call: WQZQ-AP
Freq: 830 kHz
Goodlettsville, TN
Hours: D
Lat: 36-12-30 N [NAD27]
Lng: 086-52-21 W
Power: 0.003 kW
Theo RMS: 244.00 mV/m @ 1km @ 1kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	48.6	0	0	0.0	0.0	0.0	0.0

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WCCO (151)	US	MN	MINNEAPOLIS	198.59	0.500	12.59S	12.14	0.45
WHAS (210)	US	KY	LOUISVILLE	406.18	0.500	61.55G	7.52	54.03
WTRU	US	NC	KERNERSVILLE	92.91	3.007	161.84	13.03	148.81
50% = 11.516, 25% = 12.029; WCCO=10.12 WHAS=5.49 YVLT-A=3.47								
KGLA	US	LA	NORCO	68.95	2.711	196.60	13.18	183.42
50% = 9.378, 25% = 10.843; WCCO=9.38 WBAP=4.06 YVLT-A=3.62								
WBAP (48)	US	TX	FORT WORTH	76.38	0.500	327.31G	13.13	314.18
WEEU	US	PA	READING	36.51	2.874	393.69	13.30	380.39
50% = 11.498, 25% = 11.498; WCCO=8.57 WTRU=7.67								

Exhibit A
Multiple Ownership
WQZQ(AM)
FCC File No. BP-20230113AAA - Amendment
April 2023

The instant application requests minor modification of construction permit of Station WQZQ(AM), FCC Facility ID No. 72960, Goodlettsville, Tennessee (“WQZQ(AM)”), licensed to WYCQ, Inc. For purposes of the FCC’s local radio ownership rule, WQZQ(AM) is deemed to be a part of the Nashville, Tennessee radio market.

The attached exhibit, FCC Geographic Market Definition for Nashville, Tennessee, was compiled on April 13, 2023 using BIA Research, Inc.’s Media Access Pro database. The exhibit lists all radio stations, including WQZQ(AM), that are licensed to communities within the counties comprising the Nashville, Tennessee Nielsen Audio Metro or that Nielsen Audio designates as “home” to the Nashville, Tennessee Audio Metro. As demonstrated in the exhibit, there are 65 stations in the Nashville, Tennessee market. Under the local radio ownership rule, a person or single entity (or entities under common control) in a radio market with 45 or more full-power, commercial and noncommercial radio stations may have a cognizable interest in not more than 8 commercial radio stations in total, and not more than 5 commercial stations in the same service (AM or FM). 47 C.F.R. § 73.3555(a)(1)(i).

As shown in the attached exhibit, The Cromwell Group, Inc., parent entity of WYCQ, Inc., owns one AM (WQZQ(AM)) and two FM stations (WBUZ(FM) and WPRT(FM)) in the Nashville market. Upon completion of the proposed modification, there will be no change in ownership and The Cromwell Group, Inc. will remain in compliance with the limits prescribed by the rule.

FCC Geographic Market Definition for Nashville, TN

Call Letters	AM/ FM	Type Station	Format	Home Market	Market		Designtn Date	Home Mkt Rank	Owner	City & State of License	County of License
WAKM	AM	950	C	Country	Nashville, TN		07/02/2003	41	Heritage Broadcast Associates	Franklin, TN	Williamson
WANT	FM	98.9	C	Cntry/Sprts	Nashville, TN		07/02/2003	41	James, Susan	Lebanon, TN	Wilson
WAYM	FM	88.7	NC	ChrsContem	Nashville, TN		08/17/2007	41	Hope Media Group	Spring Hill, TN	Williamson
WBOZ	FM	104.9	C	ChrsContem	Nashville, TN		07/02/2003	41	Salem Media Group Inc	Woodbury, TN	Cannon
WBRY	AM	1540	C	Nws/Spt/Cty	Nashville, TN		06/19/2014	41	Volunteer Broadcasting LLC	Woodbury, TN	Cannon
WBUZ	FM	102.9	C	Rock	Nashville, TN		07/02/2003	41	Cromwell Group Inc, The	La Vergne, TN	Rutherford
WCJK	FM	96.3	C	Adult Hits	Nashville, TN		07/02/2003	41	Midwest Communications Incorporated	Murfreesboro, TN	Rutherford
WCOR	AM	1490	C	Cntry/Sprts	Nashville, TN		07/02/2003	41	James, Susan	Lebanon, TN	Wilson
WCRT	AM	1160	C	Chrst/Talk	Nashville, TN		11/17/2005	41	Bott Radio Network	Donelson, TN	Davidson
WDBL	AM	1590	C	Span/Relgn	Nashville, TN		07/02/2003	41	Eben-Ezer Broadcast ing Corporation	Springfield, TN	Robertson
WDKN	AM	1260	C	Country	Nashville, TN		07/02/2003	41	R & F Communications Inc	Dickson, TN	Dickson
WECV	FM	89.1	NC	Chrst/Talk	Nashville, TN		07/02/2003	41	Bott Radio Network	Nashville, TN	Davidson
WENO	AM	760	C	Gospel	Nashville, TN		07/02/2003	41	Broady Media Group LLC	Nashville, TN	Davidson
WFCM	FM	91.7	NC	Religion	Nashville, TN		07/02/2003	41	Moody Bible Institute of Chicago Incorporated	Murfreesboro, TN	Rutherford
WFCN	AM	1200	NC	Religion	Nashville, TN		07/02/2003	41	Moody Bible Institute of Chicago Incorporated	Nashville, TN	Davidson
WFFH	FM	94.1	C	ChrsContem	Nashville, TN		07/02/2003	41	Salem Media Group Inc	Smyrna, TN	Rutherford
WFFI	FM	93.7	C	ChrsContem	Nashville, TN		07/02/2003	41	Salem Media Group Inc	Kingston Springs, TN	Cheatham
WFMQ	FM	91.5	NC	Chrst/Talk	Nashville, TN		07/02/2003	41	Bott Radio Network	Lebanon, TN	Wilson
WFSK	FM	88.1	NC	NAC/SmJaz	Nashville, TN		07/02/2003	41	Fisk University	Nashville, TN	Davidson
WGFX	FM	104.5	C	Sprts/Talk	Nashville, TN		07/02/2003	41	Cumulus Media Holdings Inc	Gallatin, TN	Sumner
WGNS	AM	1450	C	Talk	Nashville, TN		07/02/2003	41	Rutherford Group Inc	Murfreesboro, TN	Rutherford
WHEW	AM	1380	C	Span/Varty	Nashville, TN		07/02/2003	41	Guzman, Salvador	Franklin, TN	Williamson
WHIN	AM	1010	C	Adult Hits	Nashville, TN		07/02/2003	41	Kensington Digital Media LLC	Gallatin, TN	Sumner
WHPY	FM	94.5	C	Oldies	Nashville, TN		07/02/2003	41	Kensington Digital Media LLC	Bellevue, TN	Davidson
WJXA	FM	92.9	C	AC	Nashville, TN		07/02/2003	41	Midwest Communications Incorporated	Nashville, TN	Davidson
WKDA	AM	900	C	Span/Chrst	Nashville, TN		07/02/2003	41	James, Susan	Lebanon, TN	Wilson
WKDF	FM	103.3	C	Country	Nashville, TN		07/02/2003	41	Cumulus Media Holdings Inc	Nashville, TN	Davidson
WLAC	AM	1510	C	News/Talk	Nashville, TN		07/02/2003	41	iHeartMedia Inc	Nashville, TN	Davidson
WLFN	FM	105.1	C	Adult Hits	Nashville, TN		07/02/2003	41	Consolidated Media LLC	Waverly, TN	Humphreys
WLVU	FM	97.1	NC	ChrsContem	Nashville, TN		07/02/2003	41	Educational Media Foundation	Belle Meade, TN	Davidson
WMDB	AM	880	C	Ranchera	Nashville, TN		07/02/2003	41	TBLC Media LLC	Nashville, TN	Davidson
WMGC	AM	810	C	Mexican	Nashville, TN		07/02/2003	41	Radio 810 Nashville Limited	Murfreesboro, TN	Rutherford
WMOT	FM	89.5	NC	Amerc/News	Nashville, TN		07/02/2003	41	Middle Tennessee State University	Murfreesboro, TN	Rutherford
WMTS	FM	88.3	NC	Variety	Nashville, TN		07/02/2003	41	Middle Tennessee State University	Murfreesboro, TN	Rutherford

"C" - Commercial Station; "NC" - Non Commercial Station

"p" indicates pending sale to owner listed

FCC Geographic Market Definition for Nashville, TN

Call Letters	AM/FM	Type	Station	Format	Home Market	Market		Owner	City & State of License	County of License
						Designtn Date	Home Mkt Rank			
WNAH	AM	1360 C	Chrst/Talk	Nashville, TN		07/02/2003	41	Carter Jr, Hoyt M	Nashville, TN	Davidson
WNFN	FM	106.7 C	CHR	Nashville, TN		07/02/2003	41	Midwest Communications Incorporated	Franklin, TN	Williamson
WNQM	AM	1300 C	Chrst/Talk	Nashville, TN		07/02/2003	41	F.W. Robbert Broadcasting	Nashville, TN	Davidson
WNRQ	FM	105.9 C	Clsc Rock	Nashville, TN		07/02/2003	41	iHeartMedia Inc	Nashville, TN	Davidson
WNRZ	FM	91.5 NC	Chrst/Talk	Nashville, TN		07/02/2003	41	Bott Radio Network	Dickson, TN	Dickson
WNSR	AM	560 C	Talk/Sprts	Nashville, TN		07/02/2003	41	Southern Wabash Communications Corporation	Brentwood, TN	Williamson
WNTC	AM	790 C	Clsc Hits	Nashville, TN		07/02/2003	41	Southern Wabash Communications Corporation	Ashland City, TN	Cheatham
WNVL	AM	1240 C	DARK	Nashville, TN		07/02/2003	41	TBLC Media LLC	Nashville, TN	Davidson
WNXP	FM	91.1 NC	Alt/Pop/Urb	Nashville, TN		07/02/2003	41	Nashville Public Radio	Nashville, TN	Davidson
WPDQ	FM	91.3 NC	Variety	Nashville, TN		04/21/2014	41	Southern Wabash Communications Corporation	Scottsville, KY	Sumner
WPLN	AM	1430 NC	News/Talk	Nashville, TN		07/02/2003	41	Kensington Digital Media LLC	Madison, TN	Davidson
WPLN	FM	90.3 NC	Nws/Tlk/Inf	Nashville, TN		07/02/2003	41	Nashville Public Radio	Nashville, TN	Davidson
WPRT	FM	102.5 C	Sports	Nashville, TN		07/02/2003	41	Cromwell Group Inc, The	Pegram, TN	Cheatham
WQKR	AM	1270 C	Oldies	Nashville, TN		07/02/2003	41	Venture Broadcasting LLC	Portland, TN	Sumner
WQQK	FM	92.1 C	UrbAC/R&B	Nashville, TN		07/02/2003	41	Cumulus Media Holdings Inc	Goodlettsville, TN	Davidson
WQZQ	AM	830 C	Clsc Hits	Nashville, TN		07/02/2003	41	Cromwell Group Inc, The	Goodlettsville, TN	Davidson
WRLT	FM	100.1 C	AAA	Nashville, TN		07/02/2003	41	Tuned In Broadcasting Inc	Franklin, TN	Williamson
WRSN	FM	88.1 NC	Religion	Nashville, TN		08/09/2011	41	Risen Radio Inc	Lebanon, TN	Wilson
WRVW	FM	107.5 C	CHR	Nashville, TN		07/02/2003	41	iHeartMedia Inc	Lebanon, TN	Wilson
WSGI	AM	1100 C	Variety	Nashville, TN		07/02/2003	41	Eben-Ezer Broadcast ing Corporation	Springfield, TN	Robertson
WSIX	FM	97.9 C	Country	Nashville, TN		07/02/2003	41	iHeartMedia Inc	Nashville, TN	Davidson
WSM	AM	650 C	Country	Nashville, TN		07/02/2003	41	Ryman Hospitality Properties Inc	Nashville, TN	Davidson
WSM	FM	95.5 C	Country	Nashville, TN		07/02/2003	41	Cumulus Media Holdings Inc	Nashville, TN	Davidson
WUBT	FM	101.1 C	HpHop/Rhy	Nashville, TN		07/02/2003	41	iHeartMedia Inc	Russellville, KY	Logan
WVCP	FM	88.5 NC	Oldes/Rock	Nashville, TN		07/02/2003	41	Volunteer State Community College	Gallatin, TN	Sumner
WVOL	AM	1470 C	R&B Oldies	Nashville, TN		07/02/2003	41	Heidelberg Broadcasting LLC	Berry Hill, TN	Davidson
WWTN	FM	99.7 C	Talk	Nashville, TN		07/02/2003	41	Cumulus Media Holdings Inc	Hendersonville, TN	Sumner
WYCZ	AM	1030 C	Eclectic	Nashville, TN		07/02/2003	41	Young Country Holdings LLC	White Bluff, TN	Dickson
WYFN	AM	980 NC	Christian	Nashville, TN		07/02/2003	41	Bible Broadcasting Network Inc	Nashville, TN	Davidson
WYJV	AM	710 NC	Span/Reign	Nashville, TN		07/02/2003	41	Iglesia Misionera Jesucristo Viene Pronto Inc	Smyrna, TN	Rutherford
WYXE	AM	1130 C	Span/Chrst	Nashville, TN		07/02/2003	41	Iglesia de Dios Hispana Pentecostal, Nashville TN	Gallatin, TN	Sumner

Number of Stations in Geographic Market 65

Previous Stations in Geographic Market

"C" - Commercial Station; "NC" - Non Commercial Station

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