

FOR  
FCC  
USE  
ONLY

FCC 302-AM  
APPLICATION FOR AM  
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY  
FILE NO.

<b>SECTION I - APPLICANT FEE INFORMATION</b>			
1. PAYOR NAME (Last, First, Middle Initial) TTI, Inc.			
MAILING ADDRESS (Line 1) (Maximum 35 characters) Post Office Box 70937			
MAILING ADDRESS (Line 2) (Maximum 35 characters)			
CITY Tuscaloosa	STATE OR COUNTRY (if foreign address) Alabama		ZIP CODE 35407
TELEPHONE NUMBER (include area code) 205-310-8798	CALL LETTERS WMHZ	OTHER FCC IDENTIFIER (If applicable)	
2. A. Is a fee submitted with this application? <span style="float:right"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>			
B. If No, indicate reason for fee exemption (see 47 C.F.R. Section <span style="float:right"><i>TV Repack</i></span> )			
<input type="checkbox"/> Governmental Entity <input type="checkbox"/> Noncommercial educational licensee <input type="checkbox"/> Other (Please explain):			
C. If Yes, provide the following information:			
Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).			
(A)	(B)	(C)	
FEE TYPE CODE	FEE MULTIPLE	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	FOR FCC USE ONLY
	0 0 0 1	\$	
To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.			
(A)	(B)	(C)	
	0 0 0 1	\$	FOR FCC USE ONLY
ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.		TOTAL AMOUNT REMITTED WITH THIS APPLICATION	FOR FCC USE ONLY
		\$	

CLEAR ALL PAGES

<b>SECTION II - APPLICANT INFORMATION</b>		
1. NAME OF APPLICANT TTI, Inc.		
MAILING ADDRESS P.O. Box 70937		
CITY Tuscaloosa	STATE Alabama	ZIP CODE 35407

2. This application is for:
- Commercial       Noncommercial  
 AM Directional       AM Non-Directional

Call letters WMHZ	Community of License Holt	Construction Permit File No. NA	Modification of Construction Permit File No(s). NA	Expiration Date of Last Construction Permit NA
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3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?  Yes  No

If No, explain in an Exhibit.

Exhibit No.

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?  Yes  No

If No, state exceptions in an Exhibit.

Exhibit No.

5. Apart from the changes already reported, has any cause or circumstance 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?  Yes  No

If Yes, explain in an Exhibit.

Exhibit No.

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?  Yes  No

If No, explain in an Exhibit.

Does not apply

Exhibit No.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?  Yes  No

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

Exhibit No.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

Yes  No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby 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 use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

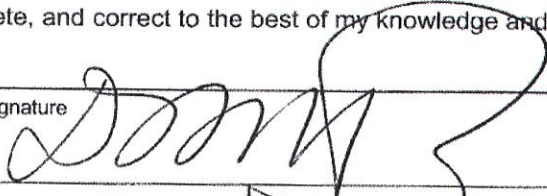
The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

**CERTIFICATION**

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

Yes  No

2. 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.

Name DAVID M. BAUGHN	Signature 	
Title Vice President	Date 12/01/2020	Telephone Number 205-310-8798

**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**

**FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT**

The collection of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission uses the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 600 hours and 50 minutes per response, including reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.



**SECTION III - LICENSE APPLICATION ENGINEERING DATA**

Name of Applicant

**TTI, Inc.**

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

Station License

Direct Measurement of Power

**1. Facilities authorized in construction permit**

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
<b>WMHZ</b>		<b>1340</b>	<b>UNLIMITED</b>		

**2. Station location**

State <b>Alabama</b>	City or Town <b>Holt</b>
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**3. Transmitter location**

State <b>AL</b>	County <b>Tuscaloosa</b>	City or Town <b>Tuscaloosa</b>	Street address (or other identification) <b>450 Crescent Lane</b>
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**4. Main studio location**

State <b>AL</b>	County <b>Tuscaloosa</b>	City or Town <b>Tuscaloosa</b>	Street address (or other identification) <b>5455 Jug Road</b>
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**5. Remote control point location (specify only if authorized directional antenna)**

State	County	City or Town	Street address (or other identification)
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6. Has type-approved stereo generating equipment been installed?

Yes  No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?

Yes  No

Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.  
**NA**

**8. Operating constants:**

RF common point or antenna current (in amperes) without modulation for night system <b>4.5</b>	RF common point or antenna current (in amperes) without modulation for day system <b>4.5</b>
Measured antenna or common point resistance (in ohms) at operating frequency Night <b>50</b> Day <b>50</b>	Measured antenna or common point reactance (in ohms) at operating frequency Night <b>48.5</b> Day <b>48.5</b>

**Antenna indications for directional operation**

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day

Manufacturer and type of antenna monitor:



SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator  Guyed steel tower.	Overall height in meters of radiator above base insulator, or above base, if grounded. <b>56.4</b>	Overall height in meters above ground (without obstruction lighting) <b>56.7</b>	Overall height in meters above ground (include obstruction lighting) <b>56.7</b>	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.  Exhibit No. NA
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Excitation  Series  Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude <b>33</b> ° <b>12</b> ' <b>52</b> "	West Longitude <b>87</b> ° <b>29</b> ' <b>22</b> "
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If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.  
NA

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.  
NA

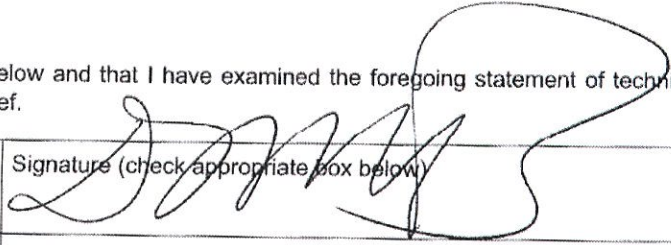
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

**Not applicable. See attachment 1 regarding reason for direct measurement filing.**

11. Give reasons for the change in antenna or common point resistance.

**No change.**

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) <b>David M. Baughn</b>	Signature (check appropriate box below) 
Address (include ZIP Code) <b>5 The Highlands Tuscaloosa, AL</b>	Date <b>12-2-2020</b>
	Telephone No. (Include Area Code) <b>205-310-8798 (cell)</b>

Technical Director

Registered Professional Engineer

Chief Operator

Technical Consultant

Other (specify)

## EXHIBIT 1

WMHZ was required to submit evidence that the construction of a nearby 500 foot tower for WJMY-CD did not distort its radiation pattern (WJMY-CP 0000034277). The lack of any adverse effect on WMHZ is documented in the attached Technical Report which is filed with this request for direct measurement and in accordance with the CP condition.

Furthermore, the existing STA for reduced power operation is moot since the tower construction and associated work including the detuning has been completed.

## WMHZ PROOF

The WJMY-CD construction permit (file #0000034277) included a condition requiring a before and after partial proof to establish that the erection of the new 152 meter tower (ASR#30283) and the installation of WJMY-CD on that tower adjacent to AM station WMHZ's tower did not have an adverse effect on the WMHZ (1340 kHz, 1 kW-U) radiation pattern.

The new tower was detuned at 1340 kHz using a skirt system designed and manufactured by Phasetek, Inc. installed on the tower and detuned by experienced broadcast engineer David Baughn to prevent reradiation at 1340 kHz. Documentation of the detuning system is included with this report.

Completion of measurements prior to construction was thwarted by a field strength meter failure and the pressure of meeting the repack deadline. Therefore, since a full proof of the WMHZ facility had been conducted in October 2012, it was decided to use the measurements from that proof for the pre-construction baseline and ratio new measurements to them to assess the impact of the new tower on WMHZ. Upon completion of the post-construction measurements and their evaluation it became evident that the terrain around the tower and on some radials had changed so dramatically that a comparison with the 2012 measurements was not valid. This appears to be a result of the fact that the original proof in October, 2012 was conducted over terrain that had been recently impacted by the extreme April 27, 2011 Tuscaloosa area tornadoes. Much of the immediate area around the tower was devoid of buildings and on some radials the landscape was essentially denuded of forestation. Since that time, much of the forestation has regrown and many buildings in the immediate area around the tower have been rebuilt.

During the "post" measurement process substantially more than the eight points per radial required by a partial proof were obtained. Therefore, those measurements were sufficient to be



# Anderson Associates

Broadcast Engineering Consultants

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graphically analyzed using the EDX AMDAT program and inverse fields established for each of the six radials from the original proof. It is noted that the analyzed ground conductivities determined through that method are consistent with our experience analyzing measurements in similar terrain in Alabama, Kentucky, North Carolina and Tennessee over the past forty years. All radials were analyzed based on a dielectric constant of 15 ( $\epsilon = 15$ ). The curves for 1340 kHz are included along with the analyzed radials, tabulations and certification.

## WMHZ six radial analysis:

<u>WMHZ Radial</u>	<u>Original Proof Inverse Field</u>	<u>Post Measurement Inverse Field</u>	<u>Ratio</u>
0	310	312	1.0065
60	312	315	1.0096
120	316.5	317	1.0016
180	312	310	0.9936
240	294	290	0.9864
300	292	290	0.9932
RMS	306.2	305.9	<u>Average Ratio 0.9985</u>

Our analysis indicated that the WMHZ inverse field remains within 0.1% of the licensed value and that the variation on the six radials was no more than the 1.4% on the 240° radial.

Anderson Associates

Broadcast Engineering Consultants

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**WMHZ installed detuning system:**









# Anderson Associates

Broadcast Engineering Consultants

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# Anderson Associates

Broadcast Engineering Consultants

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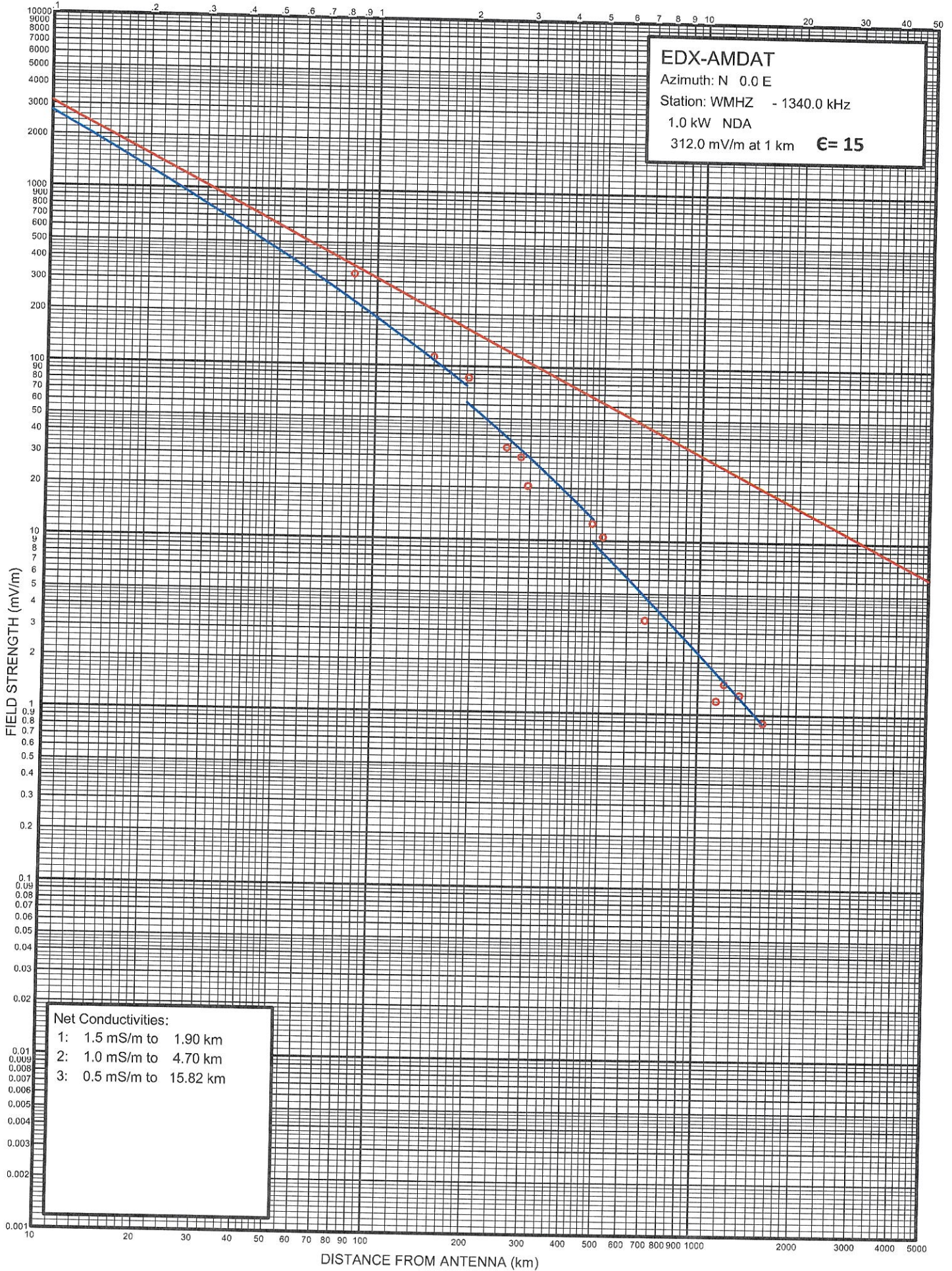
## **Conclusion:**

It is concluded that the construction of the new 152.1 meter tower and the installation of the WJMY-CD facility on that tower did not have a significant impact on the WMHZ 1340 kHz radiation pattern or RMS inverse field, and that the documentation and analysis presented herein are sufficient to satisfy the WJMY-CD construction permit condition.

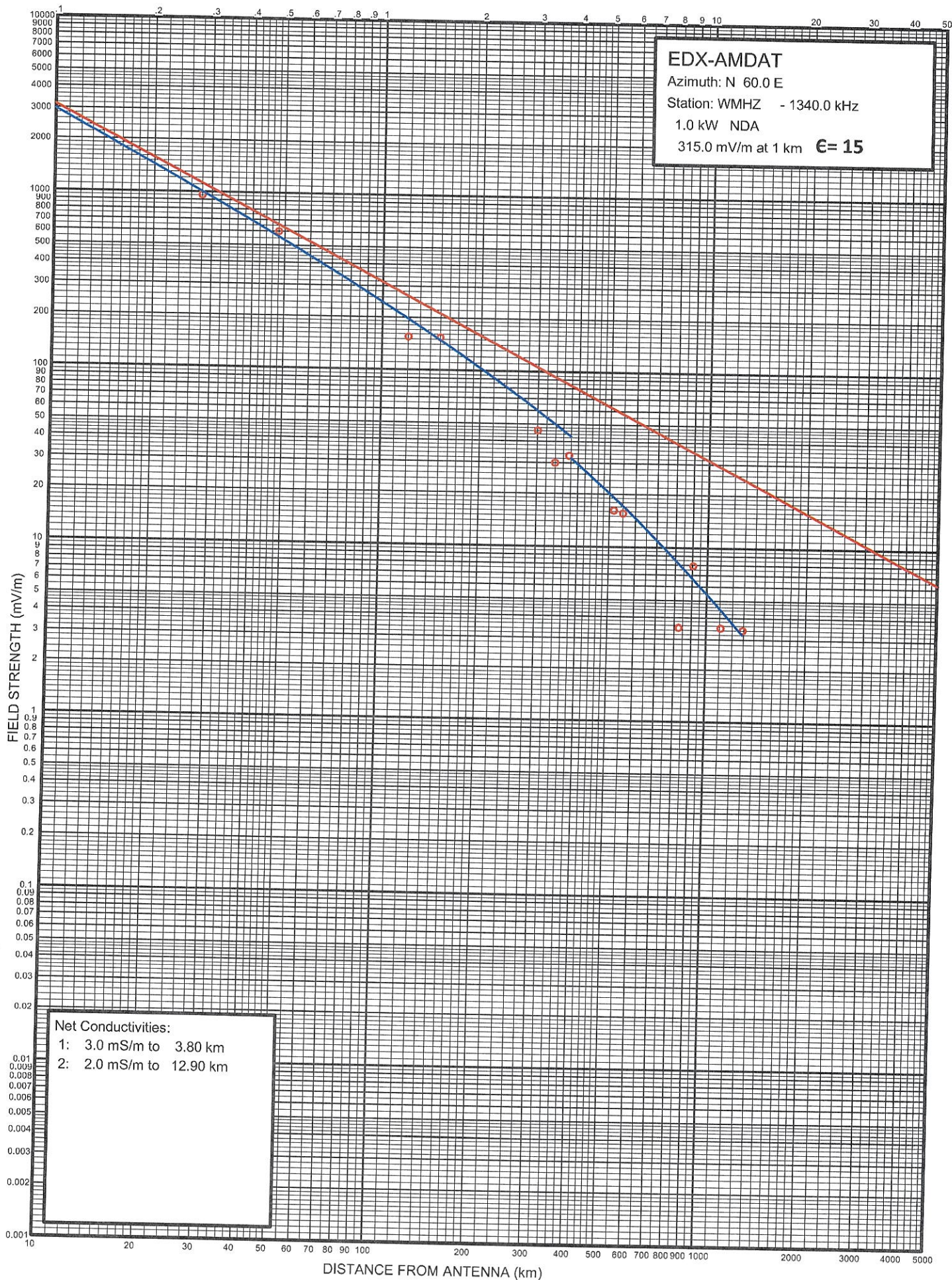


Charles M. Anderson 11-10-2020  
cmanderson43@yahoo.com  
270-535-4432

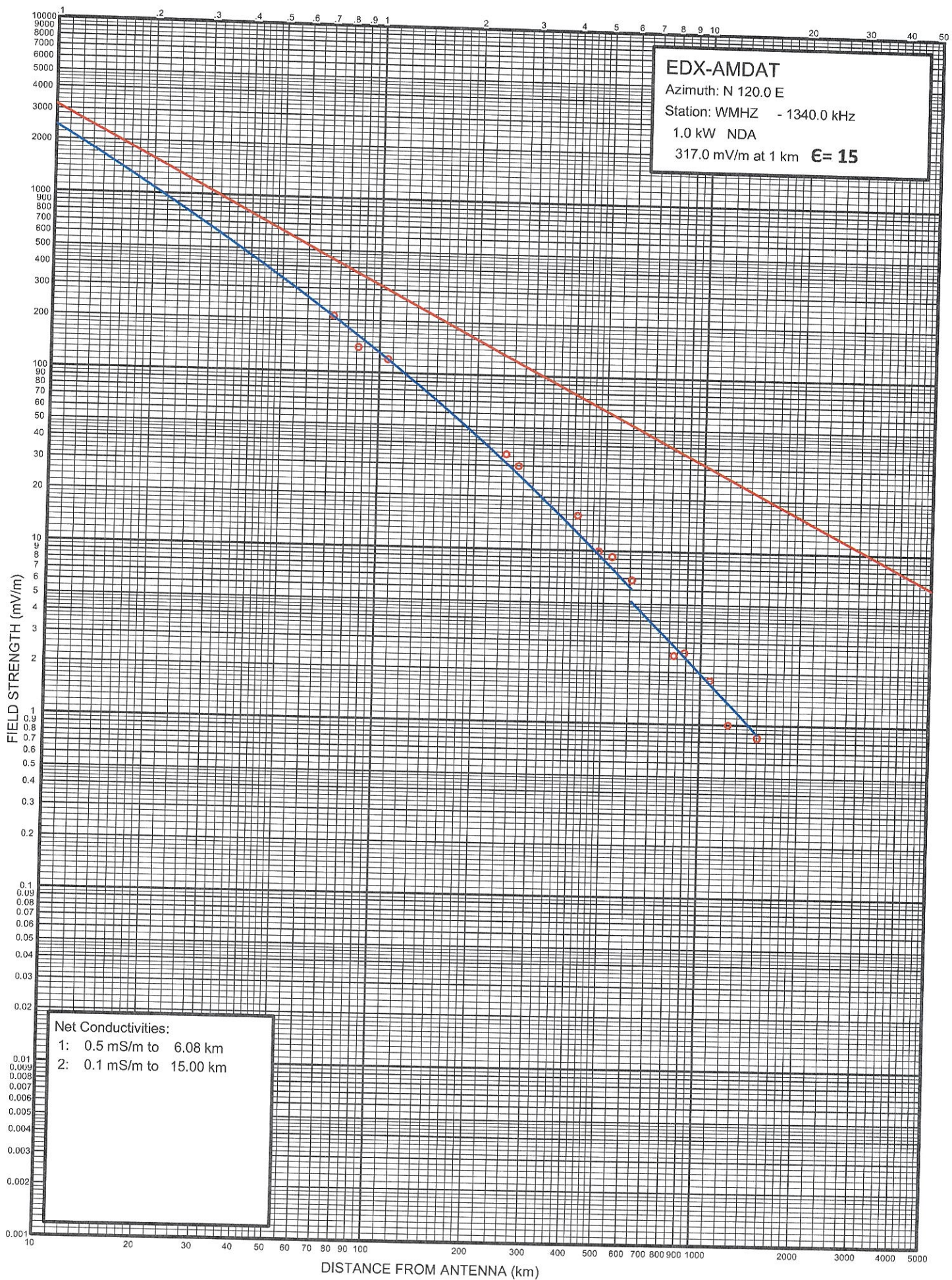




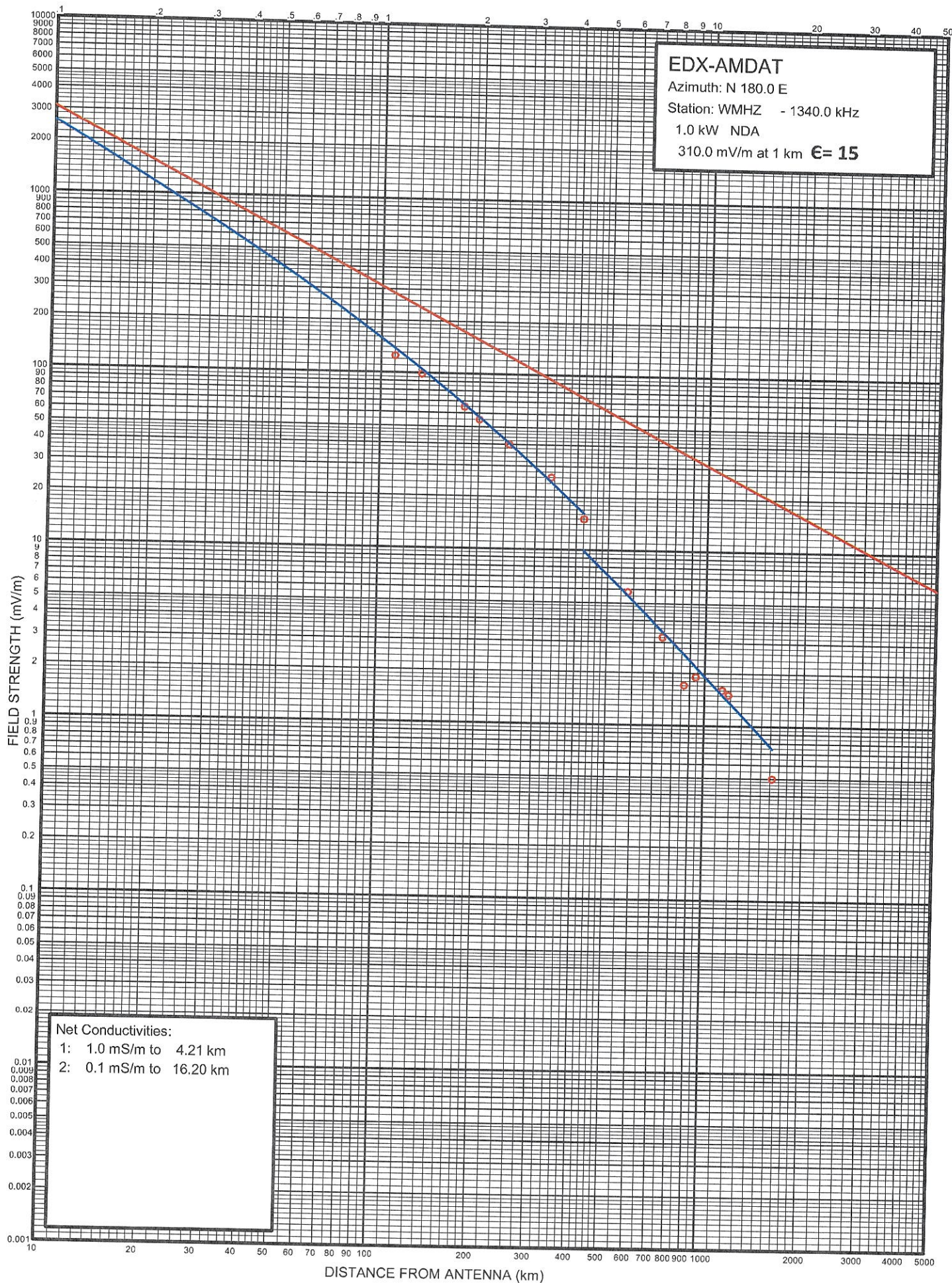




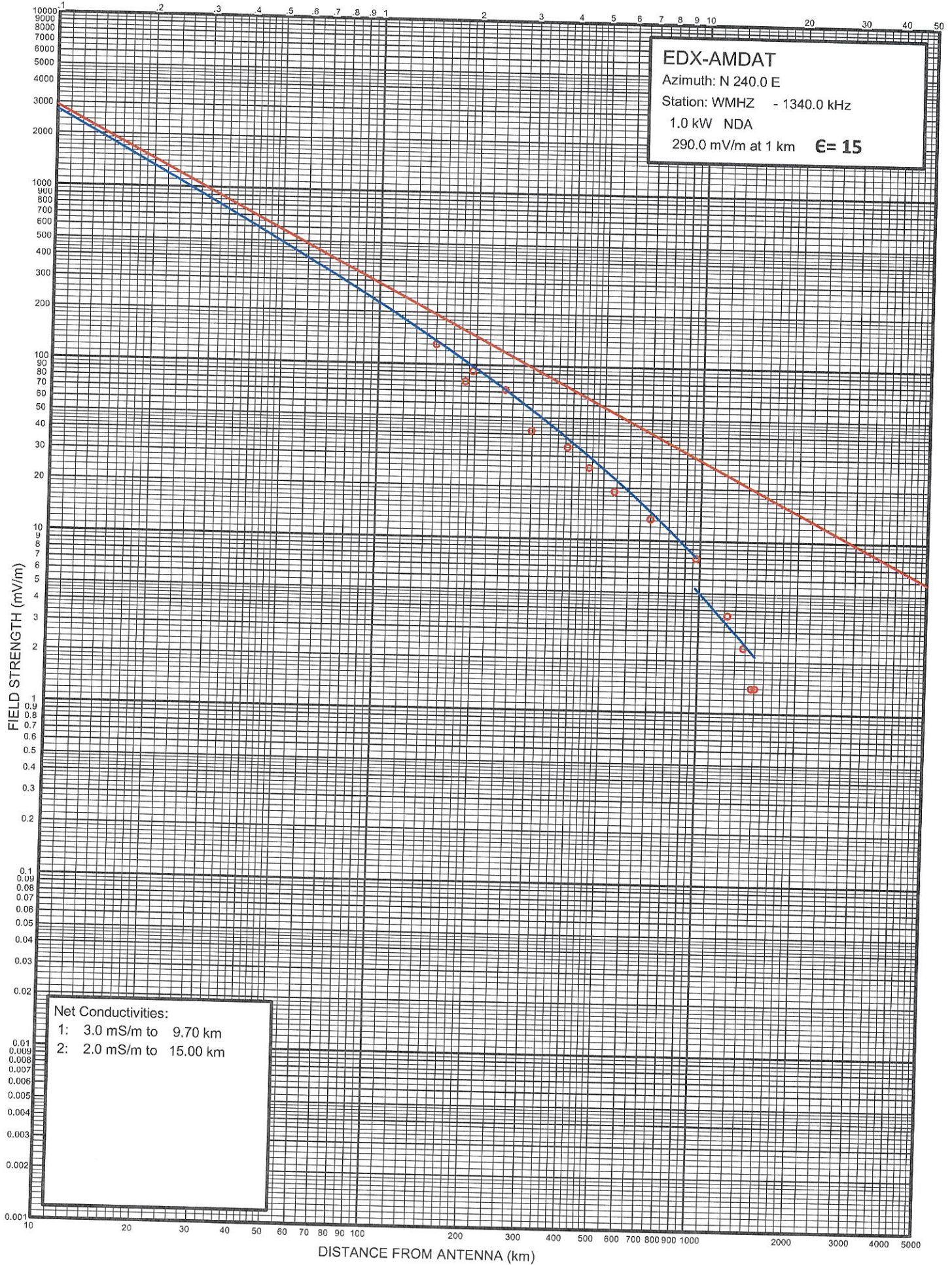




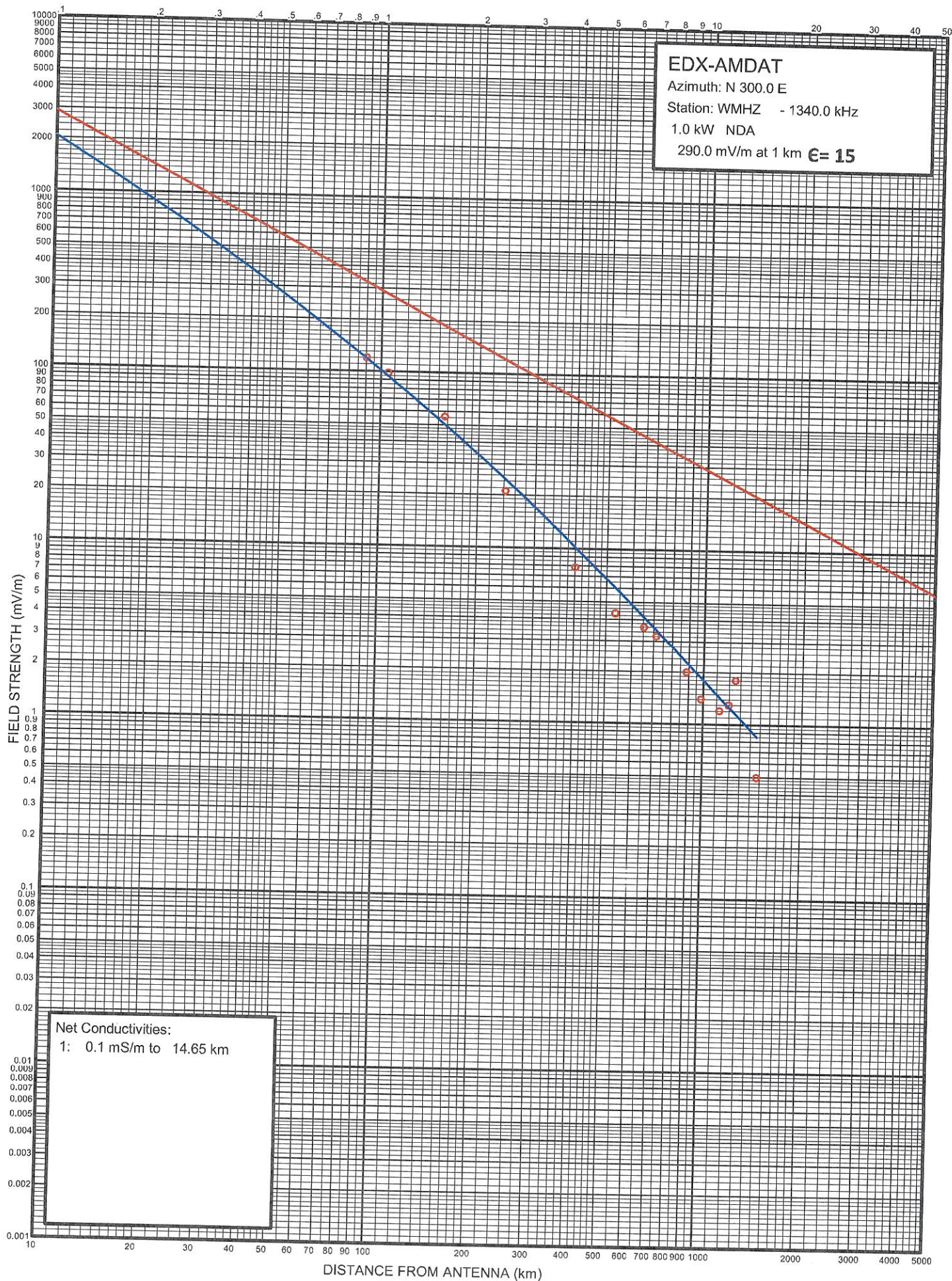






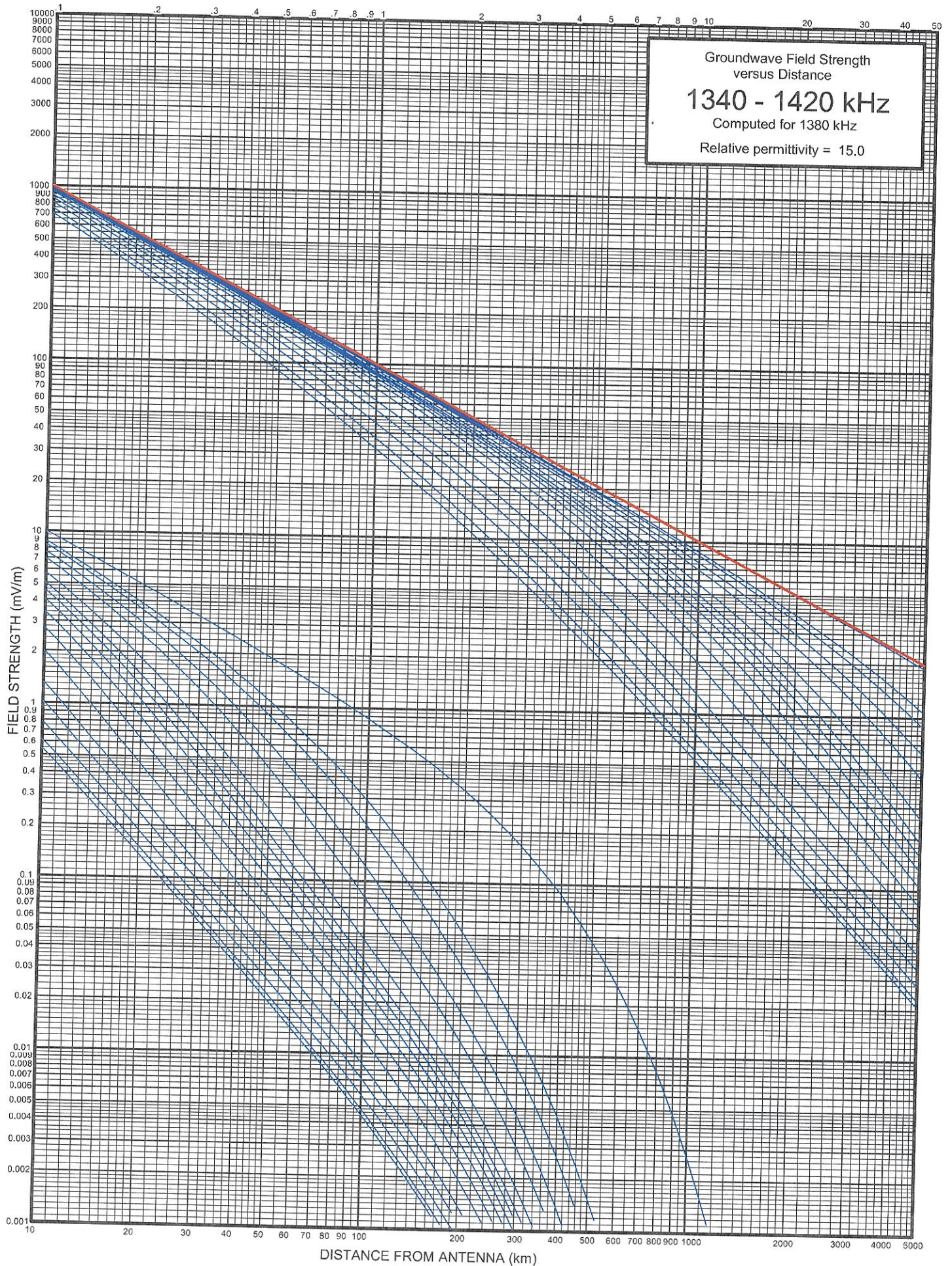








Groundwave Field Strength  
versus Distance  
**1340 - 1420 kHz**  
Computed for 1380 kHz  
Relative permittivity = 15.0





**WMHZ ANTENNA PROOF  
MEASUREMENT DATA**

**WMHZ**

**1340**

**0 DEGREE**

**13**

**1**

**NDA**

<b>1</b>	<b>0.85</b>	<b>330</b>	<b>1:51</b>	<b>10/15/2020</b>
<b>2</b>	<b>1.5</b>	<b>113</b>	<b>1:56</b>	
<b>3</b>	<b>1.92</b>	<b>86</b>	<b>2:03</b>	
<b>4</b>	<b>2.53</b>	<b>34</b>	<b>2:08</b>	
<b>5</b>	<b>2.8</b>	<b>30</b>	<b>2:10</b>	
<b>6</b>	<b>2.95</b>	<b>20.5</b>	<b>2:14</b>	
<b>7</b>	<b>4.66</b>	<b>12.5</b>	<b>2:30</b>	
<b>8</b>	<b>5.03</b>	<b>10.5</b>	<b>2:35</b>	
<b>9</b>	<b>6.82</b>	<b>3.5</b>	<b>2:51</b>	
<b>10</b>	<b>11.37</b>	<b>1.2</b>	<b>3:00</b>	
<b>11</b>	<b>12</b>	<b>1.5</b>	<b>3:04</b>	
<b>12</b>	<b>13.37</b>	<b>1.3</b>	<b>3:08</b>	
<b>13</b>	<b>15.82</b>	<b>0.9</b>	<b>3:26</b>	

**All measurements conducted by Dave Baughn.  
All times local.**



**WMHZ ANTENNA PROOF  
MEASUREMENT DATA**

**WMHZ**

**1340  
13**

**60 DEGREE  
1**

**NDA**

<b>1</b>	<b>0.28</b>	<b>960</b>	<b>3:14</b>	<b>10/12/2020</b>
<b>2</b>	<b>0.48</b>	<b>600</b>	<b>3:17</b>	
<b>3</b>	<b>1.2</b>	<b>155</b>	<b>3:26</b>	
<b>4</b>	<b>1.5</b>	<b>154</b>	<b>3:30</b>	
<b>5</b>	<b>3</b>	<b>46</b>	<b>3:39</b>	
<b>6</b>	<b>3.4</b>	<b>30</b>	<b>3:43</b>	
<b>7</b>	<b>3.75</b>	<b>33</b>	<b>3:46</b>	
<b>8</b>	<b>5.16</b>	<b>16.1</b>	<b>3:53</b>	
<b>9</b>	<b>5.5</b>	<b>15.5</b>	<b>3:57</b>	
<b>10</b>	<b>8.25</b>	<b>3.5</b>	<b>4:14</b>	
<b>11</b>	<b>9.05</b>	<b>7.9</b>	<b>4:19</b>	
<b>12</b>	<b>11.06</b>	<b>3.5</b>	<b>4:27</b>	
<b>13</b>	<b>12.91</b>	<b>3.4</b>	<b>4:36</b>	

**Points taken by David Baughn.  
All times local.**

**WMHZ ANTENNA PROOF  
MEASUREMENT DATA**

**WMHZ**

**1340  
14**

**120 DEGREE  
1**

**NDA**

1	0.72	210	3:28	10/16/2020
2	0.86	140	3:25	
3	1.06	120	3:22	
4	2.47	35	3:14	
5	2.7	30	3:12	
6	4.12	15.8	3:07	
7	4.8	9.9	3:02	
8	5.28	9.2	2:59	
9	6.08	6.8	2:53	
10	8.27	2.5	2:46	
11	8.9	2.6	2:19	
12	10.68	1.8	2:24	
13	12.22	1	2:28	
14	15	0.85	2:33	

**Measurements taken by David Baughn.  
All times local.**



**WMHZ ANTENNA PROOF  
MEASUREMENT DATA**

WMHZ		180 DEGREE		
	1340			
	14	1		
NDA				
1	1.1	125	1:26	10/12/2020
2	1.33	99	1:24	
3	1.8	65	1:28	
4	2	55	1:31	
5	2.47	40	1:35	
6	3.33	26	1:38	
7	4.21	15	1:43	
8	5.77	5.8	1:48	
9	7.4	3.2	1:54	
10	8.65	1.7	2:04	
11	9.38	1.9	2:08	
12	11.3	1.6	2:16	
13	11.8	1.5	2:22	
14	16.2	0.5	2:36	

**All measurements conducted by Dave Baughn.  
All times local.**

**WMHZ ANTENNA PROOF  
MEASUREMENT DATA**

**WMHZ**

**1340**

**240 DEGREE**

**14**

**1**

**NDA**

<b>1</b>	<b>1.5</b>	<b>130</b>	<b>12:50</b>	<b>10/16/2020</b>
<b>2</b>	<b>1.85</b>	<b>80</b>	<b>12:54</b>	
<b>3</b>	<b>1.95</b>	<b>92</b>	<b>12:56</b>	
<b>4</b>	<b>2.46</b>	<b>72</b>	<b>1:00</b>	
<b>5</b>	<b>2.98</b>	<b>42</b>	<b>1:04</b>	
<b>6</b>	<b>3.85</b>	<b>34</b>	<b>1:10</b>	
<b>7</b>	<b>4.5</b>	<b>26</b>	<b>1:17</b>	
<b>8</b>	<b>5.4</b>	<b>19</b>	<b>1:22</b>	
<b>9</b>	<b>7</b>	<b>13.2</b>	<b>1:28</b>	
<b>10</b>	<b>9.72</b>	<b>7.9</b>	<b>1:34</b>	
<b>11</b>	<b>12.24</b>	<b>3.7</b>	<b>1:38</b>	
<b>12</b>	<b>13.76</b>	<b>2.4</b>	<b>1:41</b>	
<b>13</b>	<b>14.65</b>	<b>1.4</b>	<b>1:47</b>	
<b>14</b>	<b>15</b>	<b>1.4</b>	<b>1:54</b>	

**Measurements taken by David Baughn.  
All times local.**



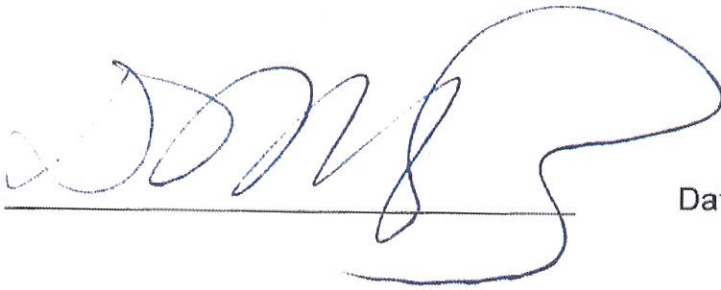
**WMHZ ANTENNA PROOF  
MEASUREMENT DATA**

WMHZ		300 DEGREE		
	1340			
	14	1		
NDA				
1	0.9	120	1:45	10/17/2020
2	1.05	99	1:55	
3	1.57	56	2:20	
4	2.43	21	2:30	
5	4	7.8	2:39	
6	5.33	4.3	2:50	
7	6.53	3.6	3:05	
8	7.13	3.2	3:16	
9	8.85	2	4:25	10/15/2020
10	9.82	1.4	4:19	
11	11.2	1.2	4:15	
12	11.95	1.3	3:58	
13	12.51	1.8	4:02	
14	14.65	0.5	4:07	

Measurements taken by David Baughn.  
All times local.

**FIELD INTENSITY MEASUREMENT CERTIFICATION**

I, David M. Baughn, hereby certify that I conducted the measurements attributed to me on station WMHZ using Potomac Instruments FIM-41 Serial # 337. Furthermore, the measurements were conducted according to the manufacturer's instructions and in accordance with good engineering practices and are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read 'DM Baughn', is written over a horizontal line. The signature is stylized and cursive.

Date 11/2/2020

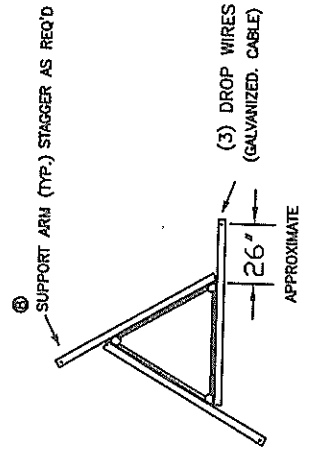
It is noted that FIM-41 #337 was compared with a new Potomac Instruments FIM-4100 and found to agree within manufacturer's specifications.



**LEGEND**

- ① EYE BOLT, # P600-305-8
- ② GRND. CLAMP, # P600-305-13
- ③ 1/4" CABLE CLAMP
- ④ SUPPORT INSULATOR, # P600-305-11
- ⑤ STRAIN INSULATOR, # P600-305-4
- ⑥ 1/2" TURNBUCKLE, GALVANIZED
- ⑦ 1/4" GALVANIZED CABLE
- ⑧ SUPPORT ARM, # P600-305-5
- ⑨ DETUNING BOX ASSEMBLY

**TOWER TOP VIEW**

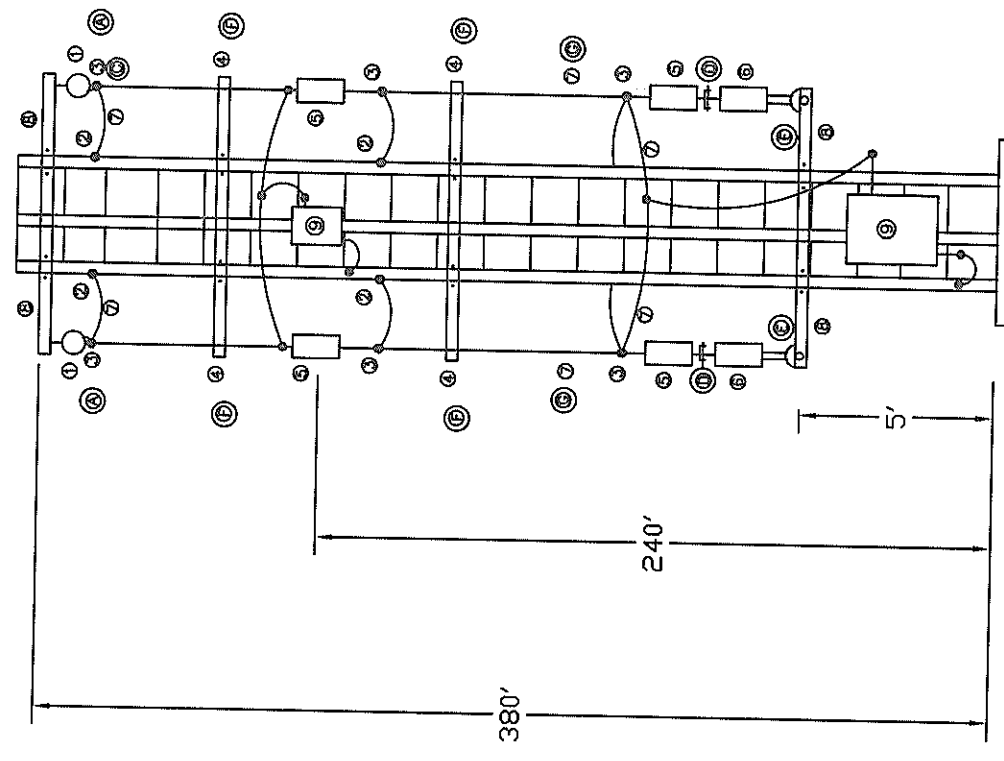


NOTE: ARMS CAN EXTEND TO LEFT OR RIGHT OF TOWER FACE, ALL (3) MUST GO IN THE SAME DIRECTION.  
ARMS CAN BE MOUNTED TO INSIDE OF TOWER FACE TO CLEAR LINES

**NOTES:**

- ④ WRAP CABLE THRU EYE THEN CLAMP AND EXTEND TO TOWER. FASTEN TO LEG WITH CLAMP.
- ⑤ MOUNT UPPER AND LOWER DETUNING BOXES WITH PROVIDED SS UNISTRUT.
- ⑥ USE MIN. (2) CABLE CLAMPS AT TOP/BOTTOM
- ⑦ CONNECT JAW OF INSULATOR TO EYE OF TURNBUCKLE.
- ⑧ CONNECT TURNBUCKLE JAW TO BOTTOM SUPPORT ARM ANGLE; PIN GOES THRU HOLE IN ANGLE.
- ⑨ SUPPORT INSULATOR, LOCATED AT APPROX. 60 FT., 120 FT., 180 FT., AND 270 FT.
- ⑩ TENSION CABLE FOR MINIMUM DEFLECTION, MAX. OF 1000 LBS.

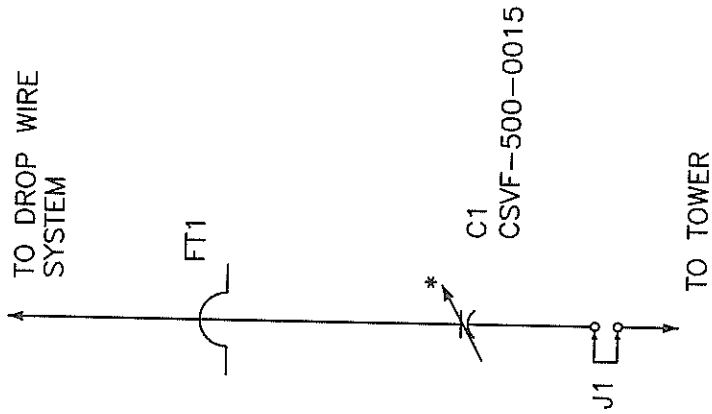
TOWER:  
42" C-C




DETUNE FREQUENCY: 1340 KHZ

DATE	12/18/10
DESIGNER	PHASETEK INC.
APP'D	650 CALIFORNIA RD. QUAKERTOWN, PA. 17851
DRAWN	DROP WIRE SYSTEM
SCALE	1" = 100'
TITLE	TII/WMHZ
SHEET	1 OF 1

REV.	DATE	DESCRIPTION	APPR.

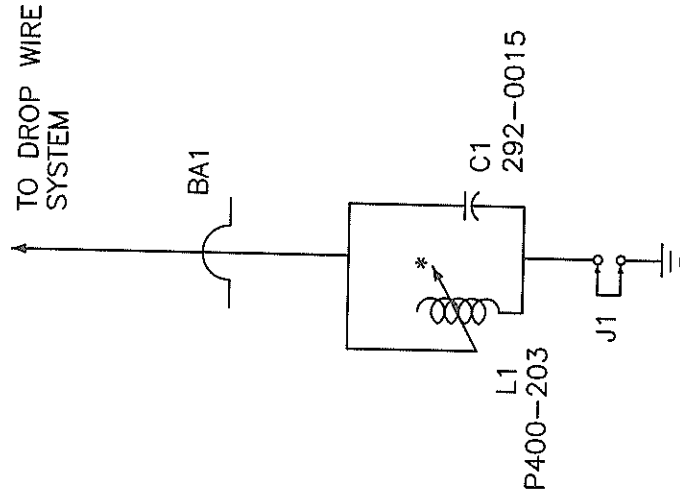


NOTE: \* DENOTES INSULATED KNOB

DRAWN	KRG	DATE	12/19/19
CHK'D			
ENGINEER			
APP'D			
MATERIAL			
		SCALE	N/A
		SHEET	1 OF 1
<b>PHASETEK INC.</b> 550 CALIFORNIA RD. QUAKERTOWN, PA. 18951			
TITLE		TTI, WMHZ UPPER DETUNING BOX	
SIZE		A	
DRAWG. NO.		P1000872	



REV.	DATE	DESCRIPTION	APPR.



NOTE: \* DENOTES INSULATED KNOB

DRAWN	KRG	DATE	12/19/19
CHK'D			
ENGINEER			
APP'D			
MATERIAL			
		SCALE	N/A
		SHEET	1 OF 1
		TITLE	TTI, WMHZ BOTTOM DETUNING BOX
		SIZE	A
		DRWG. NO.	P1000873

**PHASETEK INC.**

550 CALIFORNIA RD. QUAKERTOWN, PA. 18951