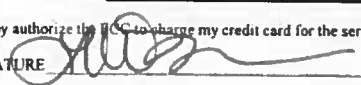


READ INSTRUCTIONS CAREFULLY  
BEFORE PROCEEDING

FEDERAL COMMUNICATIONS COMMISSION  
REMITTANCE ADVICE  
FORM 159

Approved by OMB  
3060-0589  
Page No. 1 of 1

(1) LOCKBOX # <b>979089</b>	SPECIAL USE ONLY	
FCC USE ONLY		
<b>SECTION A - PAYER INFORMATION</b>		
(2) PAYER NAME (if paying by credit card enter name exactly as it appears on the card) <b>Entercom Communications Corp.</b>		(3) TOTAL AMOUNT PAID (U.S. Dollars and cents) <b>\$725.00</b>
(4) STREET ADDRESS LINE NO. 1 <b>401 E. City Ave</b>		
(5) STREET ADDRESS LINE NO. 2 <b>Suite 809</b>		
(6) CITY <b>Bala Cynwyd</b>		(7) STATE <b>PA</b>
(8) ZIP CODE <b>19004</b>		
(9) DAYTIME TELEPHONE NUMBER (include area code) <b>6106605610</b>		(10) COUNTRY CODE (if not in U.S.A.)
<b>FCC REGISTRATION NUMBER (FRN) REQUIRED</b>		
(11) PAYER (FRN) <b>0006113955</b>		(12) FCC USE ONLY
IF MORE THAN ONE APPLICANT, USE CONTINUATION SHEETS (FORM 159-C) COMPLETE SECTION BELOW FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET		
(13) APPLICANT NAME <b>Entercom License, LLC</b>		
(14) STREET ADDRESS LINE NO. 1 <b>401 E. City Ave</b>		
(15) STREET ADDRESS LINE NO. 2 <b>Suite 809</b>		
(16) CITY <b>Bala Cynwyd</b>		(17) STATE <b>PA</b>
(18) ZIP CODE <b>19004</b>		
(19) DAYTIME TELEPHONE NUMBER (include area code) <b>6106605610</b>		(20) COUNTRY CODE (if not in U.S.A.)
<b>FCC REGISTRATION NUMBER (FRN) REQUIRED</b>		
(21) APPLICANT (FRN) <b>0004434866</b>		(22) FCC USE ONLY
COMPLETE SECTION C FOR EACH SERVICE, IF MORE BOXES ARE NEEDED, USE CONTINUATION SHEET		
(23A) CALL SIGN/OTHER ID <b>WBBM</b>	(24A) PAYMENT TYPE CODE <b>MMR</b>	(25A) QUANTITY <b>1</b>
(26A) FEE DUE FOR (PTC) <b>\$725.00</b>	(27A) TOTAL FEE <b>\$725.00</b>	FCC USE ONLY
(28A) FCC CODE 1 <b>9631</b>	(29A) FCC CODE 2	
(23B) CALL SIGN/OTHER ID	(24B) PAYMENT TYPE CODE	(25B) QUANTITY
(26B) FEE DUE FOR (PTC)	(27B) TOTAL FEE	FCC USE ONLY
(28B) FCC CODE 1	(29B) FCC CODE 2	
<b>SECTION D - CERTIFICATION</b>		
CERTIFICATION STATEMENT I, _____, certify under penalty of perjury that the foregoing and supporting information is true and correct to the best of my knowledge, information and belief.		
SIGNATURE _____		DATE _____
<b>SECTION E - CREDIT CARD PAYMENT INFORMATION</b>		
ACCOUNT NUMBER _____ MASTERCARD VISA <input checked="" type="checkbox"/> AMEX DISCOVER _____		
EXPIRATION DATE <b>02/21</b>		
I hereby authorize the FCC to charge my credit card for the service(s)/authorization herein described		
SIGNATURE 		DATE <b>5/17/19</b>



1015 Half Street S.E., Suite 200, Washington, D.C. 20003

Laura Berman  
Senior Counsel

May 17, 2019

**via OVERNIGHT DELIVERY**  
Federal Communications Commission  
c/o US Bank, Government Lockbox #979089  
SL-MO-C2-GL  
1005 Convention Plaza  
St. Louis MO 63101  
(ATTENTION: FCC Government Lockbox)

Re: **WBBM(AM), Chicago, IL (FTN 9631)**  
**License to Cover BP-20171011AAC**

Dear Sir or Madam:

On behalf of Entercom License, LLC ("Licensee"), licensee of WBBM(AM), Chicago, IL (Facility Id. No. 9631) (the "Station"), enclosed in triplicate, is an application on FCC Form 302-AM requesting a license to cover BP-20171011AAC (the "Permit"). Also enclosed is a completed FCC Form 159 with credit card payment in the amount of \$725.00 to cover the applicable filing fee.

The application includes a request for program test authority. Licensee respectfully requests expedited processing of that request, as well as expedited processing of the underlying license to cover application. The Station currently operates from a site that was previously owned by an affiliate of Licensee and has been sold to a third party. In connection with the sale, Licensee is required to vacate the site and remove all of Licensee's equipment no later than August 2019. To allow Licensee sufficient time to remove its equipment without any lapse in service to the public, Licensee will need to commence operations at the new site as soon as possible.

Licensee also notes that, in accordance with special operating condition #4 of the Permit, a request for direct measurement of power is simultaneously being filed for WSCR(AM), Chicago, IL (Facility ID No. 71299), which is also licensed to Licensee.

Please date-stamp the enclosed "Return Copy" of this filing and return it in the self-addressed, stamped envelope enclosed for that purpose.

If you have any questions, please contact me.

Sincerely,

Laura M. Berman

Enclosures

Entercom Communications Corp.

Voice: (484) 270-6312 • Fax (610) 660-5662 • www.entercom.com • laura.berman@entercom.com

ETM:109012\_1

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.

BL-20190517 PBF

**SECTION I - APPLICANT FEE INFORMATION**

1. PAYOR NAME (Last, First, Middle Initial)

Entercom Communications Corp.

MAILING ADDRESS (Line 1) (Maximum 35 characters)

401 E. City Ave

MAILING ADDRESS (Line 2) (Maximum 35 characters)

Suite 809

CITY

Bala Cynwyd

STATE OR COUNTRY (if foreign address)

PA

ZIP CODE

19004

TELEPHONE NUMBER (include area code)

6106605610

CALL LETTERS

WBBM

OTHER FCC IDENTIFIER (if applicable)

9631

2. A. Is a fee submitted with this application?

Yes

No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section

Governmental Entity

Noncommercial educational licensee

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)		
FEE TYPE CODE		
M	M	R

(B)			
FEE MULTIPLE			
0	0	0	1

(C)
FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 725.00

FOR FCC USE ONLY

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)			
FEE MULTIPLE			
0	0	0	1

(C)
FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$

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
\$ 725.00

FOR FCC USE ONLY

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 proceedings (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.

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

Exhibit No.

If No, explain in an Exhibit.

Does not apply

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

Exhibit No.

If Yes, explain in an Exhibit.

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

Exhibit No.

If No, state exceptions in an Exhibit.

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

Yes  No

Exhibit No.

If No, explain in an Exhibit.

3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

Yes  No

Call letters	WBBM
Community of License	Chicago, IL
Construction Permit File No.	BP-20171011AAC
Modification of Construction Permit File No(s).	
Expiration Date of Last Construction Permit	02/15/2021

2. This application is for:

Commercial  Noncommercial  AM Directional  AM Non-Directional

SECTION II - APPLICANT INFORMATION	
1. NAME OF APPLICANT	Entercom License, LLC
MAILING ADDRESS	401 E. City Ave, Suite 809
CITY	Bala Cynwyd
STATE	PA
ZIP CODE	19004

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 <b>John Kennedy</b>	Signature 	
Title <b>Vice President of Technical Operations</b>	Date <b>May 16, 2019</b>	Telephone Number <b>484-270-6320</b>

**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 solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use 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 639 hours and 53 minutes per response, including the time for 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

**ENTERCOM LICENSE, LLC**

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)

Station License

Direct Measurement of Power

1. Facilities authorized in construction permit		Call Sign <b>WBMM</b>	File No. of Construction Permit (if applicable) <b>BP-20171011AAC</b>	Frequency (kHz) <b>780</b>	Hours of Operation <b>Unlimited</b>	Power in kilowatts Night <b>42.0</b> Day <b>35.0</b>
2. Station location		State <b>Illinois</b>	City or Town <b>Chicago</b>			
3. Transmitter location		State <b>IL</b>	County <b>DuPage</b>	City or Town <b>Glendale Heights</b>	Street address (or other identification) <b>375 East Army Trail Rd.</b>	
4. Main studio location		State <b>IL</b>	County <b>Cook</b>	City or Town <b>Chicago</b>	Street address (or other identification) <b>180 N. Stetson Ave., Suite 1000</b>	
5. Remote control point location (specify only if authorized directional antenna)		State	County	City or Town	Street address (or other identification)	

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 73.687?  
 Yes  No

Not Applicable

Exhibit No. **N/A**

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

8. Operating constants:		RF common point or antenna current (in amperes) without modulation for night system <b>31.4</b>	RF common point or antenna current (in amperes) without modulation for day system <b>31.4</b>
Measured antenna or common point resistance (in ohms) at operating frequency		Night <b>35.5</b>	Day <b>35.5</b>
Measured antenna or common point reactance (in ohms) at operating frequency		Night <b>-5.5</b>	Day <b>-5.5</b>
Antenna indications for directional operation			
Towers	Antenna monitor	Phase reading(s) in degrees	Antenna monitor sample current ratio(s)
	Antenna base currents	Day	Night
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 <b>Guyed Tower</b>	Overall height in meters of radiator above base insulator, or above base, if grounded. <b>226.0</b>	Overall height in meters above ground (without obstruction lighting) <b>227.1</b>	Overall height in meters above ground (include obstruction lighting) <b>228.0</b>	If antenna is either top loaded or sectionalized, describe fully in an Exhibit. <div style="border: 1px solid black; padding: 2px; display: inline-block;">Exhibit No. <b>N/A</b></div>
-------------------------------------	--------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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>41</b> ° <b>56</b> ' <b>03</b> "	West Longitude <b>88</b> ° <b>04</b> ' <b>22</b> "
----------------------------------------------------	----------------------------------------------------

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.  
**ENG.**

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

Exhibit No.  
**ENG.**


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

**None**

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

**New Construction**

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>Kurt Gorman</b>	Signature (check appropriate box below) 
Address (include ZIP Code) <b>Phasetek Inc.</b> <b>550 California Rd., Unit 11</b> <b>Quakertown, PA 18951</b>	Date <b>May 12, 2019</b>
	Telephone No. (Include Area Code) <b>215-536-6648</b>

- |                                             |                                                           |
|---------------------------------------------|-----------------------------------------------------------|
| <input type="checkbox"/> Technical Director | <input type="checkbox"/> Registered Professional Engineer |
| <input type="checkbox"/> Chief Operator     | <input checked="" type="checkbox"/> Technical Consultant  |
| <input type="checkbox"/> Other (specify)    |                                                           |

**ENGINEERING STATEMENT CONCERNING**

**APPLICATION FOR**

**STATION LICENSE**

**WBBM, 780 KHZ**

**CHICAGO, ILLINOIS**

**MAY, 2019**



***PHASETEK INC.***  
**ENGINEERING STATEMENT CONCERNING**  
**APPLICATION FOR**  
**STATION LICENSE**  
**WBBM, 780 KHZ**  
**CHICAGO, ILLINOIS**  
**MAY, 2019**

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**302-AM (WBBM , WSCR)**

**ENGINEERING STATEMENT**

**FIGURE 1: ANTENNA SYSTEM AS ADJUSTED**

**FIGURE 2: SPURIOUS RADIATION MEASUREMENTS**

**PHASETEK INC.**

**ENGINEERING STATEMENT CONCERNING**

**WBBM, 780 KHZ**

**CHICAGO, ILLINOIS**

**MAY, 2019**

**SUMMARY**

Adjustment of the diplexing equipment was performed for Radio Station WBBM, 780 KHZ, Chicago, Illinois, after installation of the equipment at the Transmitter site of Radio Station WSCR, 670 KHZ. WBBM holds Construction Permit Number: BP-20171011AAC to co-locate at the WSCR Transmitter site. This report was prepared on behalf of ENTERCOM LICENSE, LLC, licensee of Radio Stations WBBM and WSCR.

**SITE MODIFICATIONS**

The WBBM Transmitter site is that as currently licensed for Radio Station WSCR, 670 KHZ. A type accepted transmitter, new matching, and filtering equipment have been installed. The existing main tower remains unchanged. The existing WSCR auxiliary tower is detuned for operation by WBBM on the main tower. The operating impedance has changed for the WSCR main antenna. Therefore, a 302AM application for direct measurement of power has been done for the existing WSCR main antenna as part of this license application. In addition, a new ground system has been installed at the site. A description of this is provided in Figure 1.

**SPURIOUS EMISSIONS (SPECIAL OPERATING CONDITION #4)**

Due to the common usage of the Transmitter site by Radio Stations WBBM, 780 KHZ, and WSCR, 670 KHZ, filtering has been installed and adjusted to prevent interaction and spurious radiation products. Figure 2A and Figure 2B show the measurement of any spurious radiation products.

**PHASETEK INC.**

**ENGINEERING STATEMENT CONCERNING  
WBBM, 780 KHZ  
CHICAGO, ILLINOIS  
MAY, 2019**

**MEASURING EQUIPMENT AND PERSONNEL**

Tower Resistance and Reactance measurements were made with a HP8753ES network analyzer and Tunwall directional coupler. Before use, tests of known impedances were made to verify operation. Schematics are on file at the station that indicate the impedance measurement locations. All Field Intensity Measurements were made with a Potomac Instruments Field Intensity Meter; PI 4100, Serial Number 249, calibrated January 21, 2016. The meter was calibrated by Potomac Instruments, Frederick, Maryland. All measurements were taken by Phasetek Inc. personnel supervised by Kurt Gorman of Phasetek Inc.

**CONCLUSION**

It is believed that the WBBM Antenna System has been constructed and adjusted in accordance with all applicable Commission rules and regulations. The foregoing was prepared on behalf of ENTERCOM LICENSE, LLC, under the immediate supervision of Kurt Gorman, Phasetek Inc., Quakertown, Pennsylvania, whose qualifications are a matter of record with the Federal Communications Commission. The statements herein are true and correct of his knowledge, except such statements made on information and belief, and as to these statements he believes them to be true and correct.



---

**Kurt Gorman, President  
Phasetek Inc.  
Quakertown, Pennsylvania**

FIGURE 1

ANTENNA SYSTEM AS ADJUSTED

ENGINEERING STATEMENT CONCERNING

WBBM, 780 KHZ

CHICAGO, ILLINOIS

MAY, 2019

ANTENNA SYSTEM DESCRIPTION

1. The antenna system utilizes the existing main tower of Radio Station WSCR, 670 kHz. The tower is guyed and stands 226.0M (211.7°) above its Base Insulator. There is lightning that is isolated at the base with a ring transformer. ASRN for the tower is 1013848. In addition, the tower supports an FM antenna and the line for this antenna is isolated at the base with an isocoupler.

2. The WSCR main tower's Ground System consists of (120) buried copper Radials, 213.4M in length, except where they intersect the transverse strap between towers or property boundaries. In addition, (120) 15.2M to 21.6M copper radials are interspersed at the base of the tower. Copper strap connects the Tower to the main Transmitter grounding point.

WBBM (780 kHz) NON-DIRECTIONAL OPERATION (DAY)

Impedance = 35.5 -j 5.5 Ohms

Current = 31.4 Amperes

Power = 35,000 Watts

WBBM (780 kHz) NON-DIRECTIONAL OPERATION (NIGHT)

Impedance = 35.5 -j 5.5 Ohms

Current = 34.4 Amperes

Power = 42,000 Watts

**FIGURE 1 CONTINUED**

**ANTENNA SYSTEM AS ADJUSTED**

**ENGINEERING STATEMENT CONCERNING**

**WBBM, 780 KHZ**

**CHICAGO, ILLINOIS**

**MAY, 2019**

**WSCR (670 kHz) NON-DIRECTIONAL OPERATION (MAIN ANTENNA))**

**Impedance = 60.0 +j 10.1 Ohms**

**Current = 28.9 Amperes**

**Power = 50,000 Watts**

**FIGURE 2A**  
**WBBM/WSCR SPURIOUS RADIATION MEASUREMENTS**  
**MAY, 2019**  
**WSCR (670 KHZ), 50 KW (ND) DAY MODE**  
**WBBM (780 KHZ), 35 KW (ND) DAY MODE**

<u>Frequency (KHz)</u>	<u>Field Intensity (mV/M)</u>	<u>WSCR</u>	<u>Attenuation (dB) relative to</u>	<u>WBBM</u>
670	2410	--	--	--
780	2200	--	--	--
450	.026	99.3	98.5	98.5
560*	<.01	>107.6	>106.8	>106.8
890*	<.01	>107.6	>106.8	>106.8
1000*	<.01	>107.6	>106.8	>106.8
1230	.091	88.5	87.7	87.7
1340	.096	88.0	87.2	87.2
1450*	<.01	>107.6	>106.8	>106.8
1560	.028	98.7	97.9	97.9
1670	.019	102.1	101.3	101.3
2010	.034	97.0	96.2	96.2
2120	.030	98.1	97.3	97.3
2230	.069	90.9	90.1	90.1
2340	.037	96.3	95.5	95.5
2790	.011	106.8	106.0	106.0
2900	.012	106.1	105.3	105.3
3010	.011	106.8	106.0	106.0
3570	.014	104.7	103.9	103.9
3680	.013	105.4	104.6	104.6
4350	.010	107.6	106.8	106.8

Above taken with Potomac Instruments, PI 4100, 1.09 KM from the Antenna on a bearing of 100°T.

Point coordinates (NAD27): N 41° 56' 00.9", W 88° 03' 38.8"

Above readings meet required attenuation of 80 dB.

\*Other station on that frequency

**FIGURE 2B**  
**WBBM/WSCR SPURIOUS RADIATION MEASUREMENTS**  
**MAY, 2019**  
**WSCR (670 KHZ), 50 KW (ND) NIGHT MODE**  
**WBBM (780 KHZ), 42 KW (ND) NIGHT MODE**

<u>Frequency (kHz)</u>	<u>Field Intensity (mV/M)</u>	<u>Attenuation (dB) relative to</u>	
		<u>WSCR</u>	<u>WBBM</u>
670	2410	--	--
780	2390	--	--
450	.026	99.3	99.3
560*	<.01	>107.6	>107.6
890*	<.01	>107.6	>107.6
1000*	<.01	>107.6	>107.6
1230	.123	85.8	85.8
1340	.111	86.7	86.7
1450*	<.01	>107.6	>107.6
1560	.028	98.7	98.6
1670	.039	95.8	95.7
2010	.043	95.0	94.9
2120	.040	95.6	95.5
2230	.091	88.5	88.4
2340	.049	93.8	93.8
2790	.011	106.8	106.7
2900	.012	106.1	106.0
3010	.011	106.8	106.7
3570	.013	105.4	105.3
3680	.012	106.1	106.0
4350	.010	107.6	107.6

Above taken with Potomac Instruments, PI 4100, 1.09 km from the Antenna on a bearing of 100°T.

Point coordinates (NAD27): N 41° 56' 00.9", W 88° 03' 38.8"

Above readings meet required attenuation of 80 dB.

\*Other station on that frequency

**Program Test Authority**

In response to Section II, Question 3, Applicant answered "No" as to whether the station is currently operating pursuant to automatic program test authority in accordance with 47 C.F.R. § 73.1620. This application seeks to cover construction permit BP-20171011AAC (the "Permit"), which does not authorize automatic program test authority. Program test authority is hereby requested. Entercom License, LLC is simultaneously filing an application for direct measurement of power, on FCC Form 302-AM, for WSCR(AM). A copy of the engineering portion of that application is included herewith.

**Diplex Agreement**

Special Operating Condition #4 of the Permit requires that this application include a copy of a firm agreement entered into by stations WBBM(AM) and WSCR(AM) clearly fixing the responsibility of each with regard to the antenna system. WBBM(AM) and WSCR(AM) are commonly owned. Both stations are licensed to Entercom License, LLC and both stations will equally share in the responsibility with respect to the shared antenna system.





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

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
Guyed Tower	226.0	227.1	228.0	Exhibit No. N/A

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	41 ° 56 ' 03 "	West Longitude	88 ° 04 ' 22 "
----------------	----------------	----------------	----------------

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. ENG

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

Exhibit No. ENG

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

N/A

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

New ground system and diplexing equipment

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>Kurt Gorman</b>	Address (include ZIP Code) <b>Phasetek Inc. 550 California Rd., Unit 11 Quakertown, PA 18951</b>
Signature (check appropriate box below) 	Date <b>May 12, 2019</b>
Telephone No. (include Area Code) <b>215-536-6648</b>	

Technical Director

Chief Operator

Other (specify)

Registered Professional Engineer

Technical Consultant