SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT EAST BATON ROUGE PARISH SCHOOL BOARD		
MAILING ADDRESS 1050 SOUTH FOSTER DRIVE		
CITY BATON ROUGE	STATE LA	ZIP CODE 70806

2. This application is for:

☐ Commercial ☒ Noncommercial

☐ AM Directional ☒ AM Non-Directional

Call letters	Community of License	Construction Permit File No.	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit
KBRH	BATON ROUGE			

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

☒ Does not apply

If No, explain in an Exhibit.

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	Signature	
TODD E. DELANEY		
Title	Date	Telephone Number
STATION MANAGER	10/11/2021	(225) 388-9030

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
EAST BATON ROUGE PARISH SCHOOL BOARD

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
KBRH	Not applicable	1260	unlimited	0.127	5.0

2. Station location

State	City or Town
Louisiana	Baton Rouge

3. Transmitter location

State	County	City or Town	Street address (or other identification)
LA	West Baton Rouge (parish)	Port Allen	2777 ROSEDALE RD

4. Main studio location

State	County	City or Town	Street address (or other identification)
LA	East Baton Rouge (parish)	Baton Rouge	2825 Government St

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
not required	not required	not required	not required

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. Does not apply

8. Operating constants:

RF common point or antenna current (in amperes) without modulation for night system	RF common point or antenna current (in amperes) without modulation for day system
1.33 Amps	8.33 Amps

Measured antenna or common point resistance (in ohms) at operating frequency		Measured antenna or common point reactance (in ohms) at operating frequency	
Night	Day	Night	Day
72 Ω	72 Ω	+j9 Ω	+j9 Ω

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
Section does not apply						

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	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 steel tower	61.0	62.3	62.3	Exhibit No. Does not apply

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	West Longitude
30 ° 27 ' 38 "	91 ° 14 ' 37 "

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. see engineering exhibit

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

Exhibit No. conventional ground system

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

No construction permit was required or issued.

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

Installation of diplexer for WXOK. See attached engineering exhibit

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)	Signature (check appropriate box below)
George Michael Patton	G Mich Patt
Address (include ZIP Code) Michael Patton & Associates 12231 Industriplex Blvd, Ste C Baton Rouge, LA 70809	Date May 24th, 2021 Telephone No. (Include Area Code) 225-752-4189

☐ Technical Director

☐ Registered Professional Engineer

☐ Chief Operator

☑ Technical Consultant

☐ Other (specify)

Engineering Exhibit

in support of

FCC Form 302-AM

Prepared May, 2021

KBRH

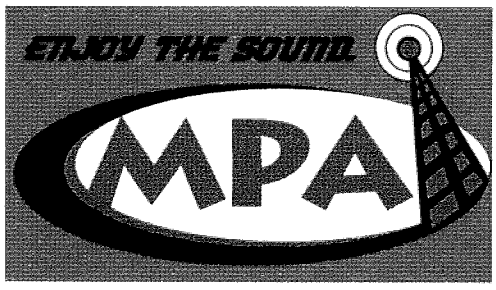
Baton Rouge, Louisiana

licensed to:

EAST BATON ROUGE PARISH SCHOOL BOARD

prepared by:

Michael Patton & Associates
Baton Rouge, Louisiana
www.michaelpatton.com



Engineering Exhibit in Support of Form 302-AM

Overview:

RADIO LICENSE HOLDING CBC, LLC, licensee of WXOK, Baton Rouge, LA, is the holder of Construction Permit #BP-20200316AAV, granting them authority to move their transmitter to the site of existing station KBRH and to construct a diplexed facility allowing both stations to use the same tower at that existing site. WXOK contracted with my firm, Michael Patton & Associates, to design, construct, and install a diplexer to facilitate the combined operation, to make impedance and intermodulation product measurements on the combined facility, and to prepare on behalf of the licensee of KBRH an FCC Form 302-AM with this accompanying Exhibit, showing the results of those measurements.

Description of diplexer and installation:

The diplexer consists of one large cabinet with 4 compartments, one each for the primary series trap for each station, one for the secondary shunt trap for WXOK, and one for the WXOK antenna tuning network. The existing ATU for KBRH was modified to include a secondary shunt trap in the shunt leg of the Tee network there, and the output of that ATU was rerouted from the tower to the input of the main filter for KBRH in the new diplexer cabinet. All capacitors in the isolation networks are vacuum types for temperature stability. During installation, the filters were carefully tuned to pass each station's power to the tower while minimizing any signal from one transmitter being backfed into the other; excellent isolation was obtained. The antenna impedances and currents are measured at the inputs of the main series traps rather than at the outputs going to the antenna to prevent interference between the two stations when measuring the antenna current or impedance. A schematic of the diplexer is included in this Exhibit.

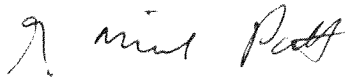
Intermodulation Product Measurements:

After the modifications were completed, field measurements were made on all second and third order intermodulation products; all were found to be below the FCC limits for such emissions. These results are shown in this exhibit. No other intermod products were observed during a careful sweep of the entire relevant spectrum on both a car radio, a spectrum analyzer, and a Potomac FIM-41.

Conclusions:

The WXOK/KBRH diplexer installation has been completed in a professional manner and is fully functional. All measurements shown here were made by Michael Patton, and are true and correct to his knowledge and belief.

Respectfully Submitted,



George Michael Patton
Michael Patton & Associates
May 24th, 2021

Engineering Exhibit in Support of Form 302-AM

Antenna Impedance & Currents:

Station:	Measurement Point:	Impedance:	Day Power:	Day Current:	Night Power:	Night Current:
KBRH	output of ATU network	72 +j 9 Ohms	5.0 kW	8.33 A	0.127 kW	1.33 A
WXOK	input of series trap	128 +j 45 Ohms	4.0 kW	5.59 A	0.280 kW	1.48 A

Intermodulation measurements:

F1 (KBRH):	Carrier level:	F2 (WXOK):	Carrier level:
1260 kHz	1350 mV/m	1460 kHz	1580 mV/m

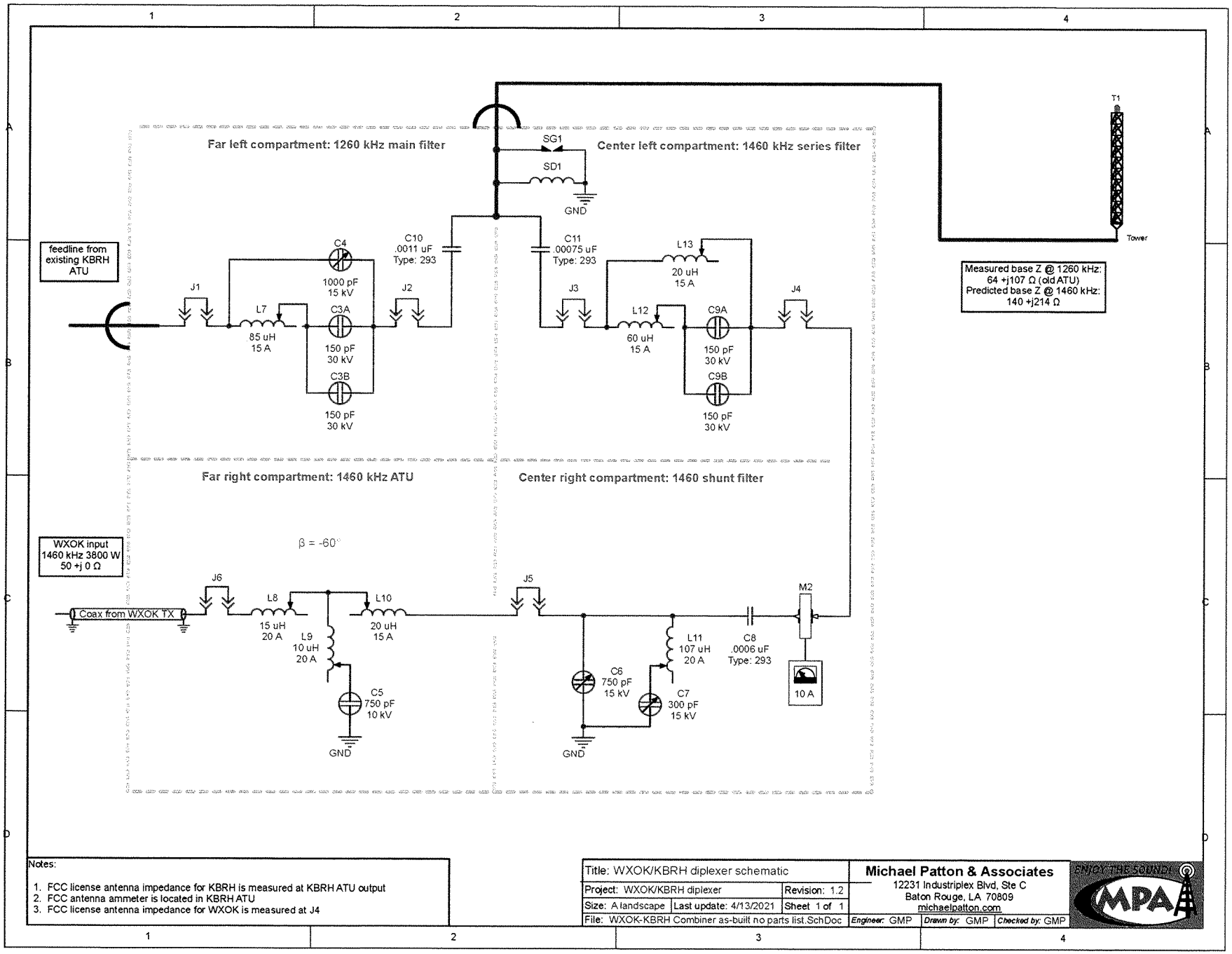
Product type:	Frequency:	Measured signal:	Calculated Suppression (note 3):
F1 - F2	200 kHz	-115 dBm	-85 dBc (note 2)
F1 + F2	2720 kHz	13 µV/m	-100 dBc
2F1 - F2	1060 kHz	12 µV/m	-101 dBc
2F1 + F2	3980 kHz	25 µV/m	-95 dBc
2F2 - F1	1660 kHz	45 µV/m	-90 dBc
2F2 + F1	4180 kHz	50 µV/m	-89 dBc
3F1 - F2	2320 kHz	<10 µV/m	>-103 dBc
3F1 - 2F2	860 kHz	<10 µV/m	>-103 dBc
3F2 - F1	3120 kHz	<10 µV/m	>-103 dBc
3F2 - 2F1	1860 kHz	<10 µV/m	>-103 dBc

Notes:

1. All measurements were made in accordance with Section 73.44(d) of the FCC Rules. Readings were taken at a distance of approximately 0.5 kilometer from the tower, with KBRH operating at its licensed daytime power level of 5.0 kW and WXOK operating at its CP-authorized daytime power level of 4.0 kW.

2. All signals were measured using a Potomac FIM-41, S/N 2208, except for the 200 kHz signal, which was measured with an Anritsu MS2712E spectrum analyzer with a broadband shielded loop antenna. The analyzer measured the KBRH carrier level at -30 dBm and the WXOK carrier at -29 dBm.

3. Calculated suppression levels are shown relative to the KBRH carrier. The required suppression level of all spurious and harmonic radiation, as per 73.44(b) of the FCC Rules, is -80 dBc for KBRH, and -79 dBc for WXOK. No intermodulation product signal came close to either limit.



Notes:

1. FCC license antenna impedance for KBRH is measured at KBRH ATU output
2. FCC antenna ammeter is located in KBRH ATU
3. FCC license antenna impedance for WXOK is measured at J4

Title: WXOK/KBRH diplexer schematic		
Project: WXOK/KBRH diplexer	Revision: 1.2	
Size: A landscape	Last update: 4/13/2021	Sheet 1 of 1
File: WXOK-KBRH Combiner as-built no parts list.SchDoc	Engineer: GMP	Drawn by: GMP / Checked by: GMP

Michael Patton & Associates
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Baton Rouge, LA 70809
michaelpatton.com

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