

LAW OFFICES

**SMITHWICK & BELENDIUK, P.C.**

5028 Wisconsin Avenue, N.W.  
Suite 301  
Washington, D.C, 20016

OFFICE: (202) 363-4050  
FAX: (202) 363-4266

M. SCOTT JOHNSON  
DIRECT: (202) 363-4413  
MOBILE: (202) 256-5941  
SJOHNSON@FCCWORLD.COM

January 10, 2023

FILED BY E-MAIL PURSUANT TO  
*Public Notice, Media Bureau Announces Procedures For All Filings Currently Submitted in the Consolidated Database System (CDBS), DA 22-29, rel. January 11, 2022, addressed to audiofilings@fcc.gov*

Ms. Marlene H. Dortch, Secretary  
Federal Communications Commission  
9050 Junction Drive  
Annapolis Junction, MD 20701

**Re: WLAY(AM), Muscle Shoals, AL (Facility No. 60611)  
Request for Extension of Engineering Technical STA**

Dear Ms. Dortch:

Singing River Media Group,LLC, through its counsel, hereby requests a modification and extension of the existing Temporary Authority (“STA”) [file no. BESTA-20220628AAB] for Station WLAY(AM), Muscle Shoals, AL(fac id 60611) to operate with temporary facilities pending completion of construction of an outstanding granted construction permit.

The WLAY construction permit (BP-20200814ARH) is nearing completion and the license to cover is expected to be filed in the near future. However, a modification of the current STA and extension is requested at the CP site with a power of 400 Watts until the form 302 can be filed. Attached is an Engineering Statement of Consulting Engineer Charles M. Anderson with details of the proposed temporary operation.

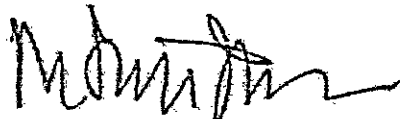
For the foregoing reasons, Singing River Media Group,LLC respectfully requests a modification of the existing STA and an extension of the STA for station WLAY(AM). Singing River Media Group, LLC will inform the Commission when the construction is complete and a license to cover application is filed to enable the station is operate pursuant to the terms of the construction permit.

**Confirmation of filing fee payment is attached to this letter.**

Singing River Media Group,LLC, hereby certifies that neither it, nor any party thereto, 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. § 862.

Please direct any questions regarding this matter to the undersigned.

Sincerely,



M. Scott Johnson  
*Counsel to Singing River Media Group,LLC*

Attached: Statement of Consulting Engineer Charles M. Anderson

*cc: by email*  
*Joe Szczesny Audio Division, Media Bureau*

**Online Payment Confirmation**

Total Amount	\$290.00
Payer FRN	0027930635
Payer Name	sjohnson@fccworld.com
Remittance ID	4028681
Treasury Tracking ID	273A05UD

# Anderson Associates

Broadcast Engineering Consultants

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**WLAY(AM)  
1450 kHz  
Muscle Shoals, AL  
#60611**

## **APPLICATION FOR ENGINEERING STA EXTENSION**

### **Purpose:**

The WLAY construction permit (BP-20200814ARH) is nearing completion and the license to cover is expected to be filed in the near future. However, an extension and modification of the current STA is requested at the CP site with a power of 400 Watts until the form 302 can be filed.

### **Technical data and exhibits for requested STA:**

WLAY  
1450 kHz  
Facility #650611  
0.40 kW Unlimited  
Efficiency = 242.855 mV/m/km/kW  
Tower = 31 m overall/ 30.5 meter radiator - 53.1°  
90 31.4 meter buried ground radials.

### **Site: N 37-40-38 W 87-43-15 (NAD 27)**

The following exhibits are provided:

- E1 Vertical sketch
- E2 STA 0.5 mV/m Day contour is contained within the licensed WLAY 0.5 mV/m
- E3 Tower Air

### **RF determination:**

The 0.40 kW facility's RF exposure will not exceed FCC requirements with the use of a 3 meter fence around the tower.

# Anderson Associates

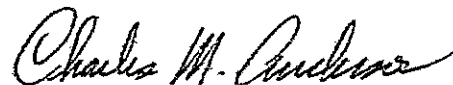
Broadcast Engineering Consultants

## AM FENCE DISTANCE TABLES

TABLE 1. Predicted Distances for Compliance with FCC Limits: 0.1-0.2 Wavelength

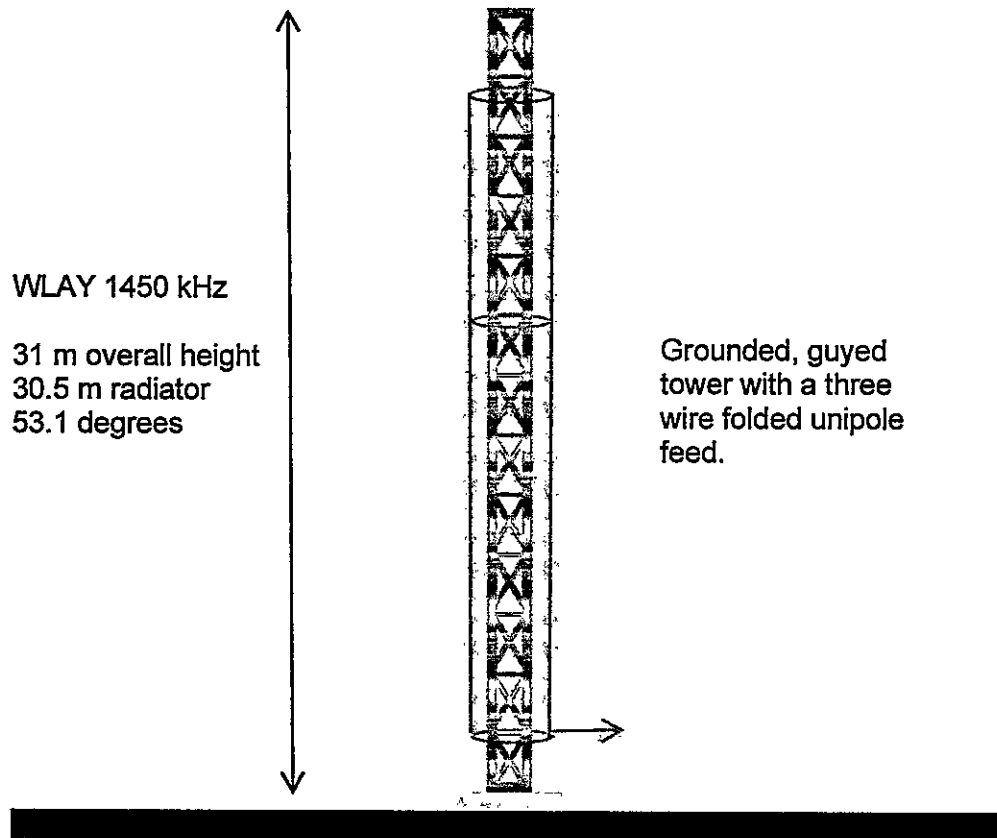
Frequency (kHz)	Transmitter Power (kW)			
	50	10	5	1
Predicted Distance for Compliance with FCC Limits (meters)				
535-740	13	7	6	3
750-940	12	7	5	3
950-1140	11	6	5	3
1150-1340	10	6	5	3
1350-1540	10	6	5	3
1550-1705	10	6	5	3

If any additional technical information is required please contact the undersigned.



Charles M. Anderson 1-10-2023  
270-535-4432  
cmanderson43@yahoo.com

## E1 VERTICAL SKETCH



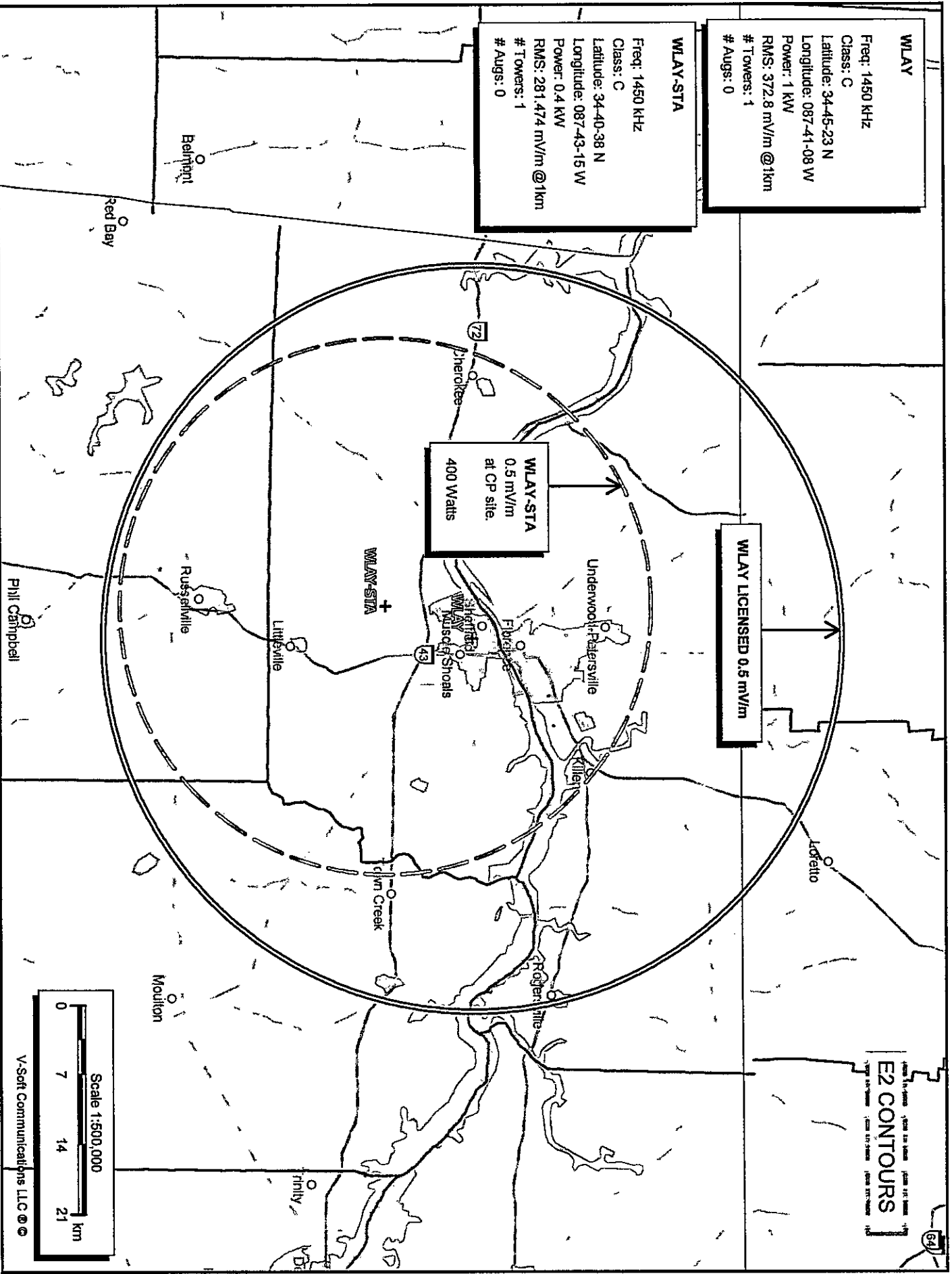
WLAY 1450 kHz ground system of ninety (90) 31.4 meter buried copper radials. Efficiency = 242.855 mV/m/km/kW.

**W1LAY**  
 Freq: 1450 KHz  
 Class: C  
 Latitude: 34-45-23 N  
 Longitude: 087-41-08 W  
 Power: 1 kW  
 RMS: 372.8 mV/m @ 1km  
 # Towers: 1  
 # Augs: 0

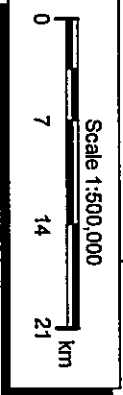
**W1LAY-STA**  
 Freq: 1450 KHz  
 Class: C  
 Latitude: 34-40-38 N  
 Longitude: 087-43-15 W  
 Power: 0.4 kW  
 RMS: 281.474 mV/m @ 1km  
 # Towers: 1  
 # Augs: 0

**W1LAY-STA**  
 0.5 mV/m  
 at CP site.  
 400 Watts

**W1LAY LICENSED 0.5 mV/m**



**E2 CONTOURS**



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# E3 TOWAIR Determination Results

## \*\*\* NOTICE \*\*\*

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

### **DETERMINATION Results**

**Structure does not require registration. There are no airports within 8 kilometers (5 miles) of the coordinates you provided.**

#### **Your Specifications**

##### **NAD83 Coordinates**

Latitude	34-40-38.7 north
Longitude	084-43-15.3 west

##### **Measurements (Meters)**

Overall Structure Height (AGL)	31
Support Structure Height (AGL)	0
Site Elevation (AMSL)	256

##### **Structure Type**

GTOWER - Guyed Structure Used for Communication Purposes