United States of America

FEDERAL COMMUNICATIONS COMMISSION

AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

AUDACY LICENSE, LLC
2400 MARKET STREET
4TH FLOOR
PHILADELPHIA PA 19103

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: March 06, 2020

This license expires 3:00 a.m. local time, August 01, 2020.

Facility Id: 19185

Call Sign: WMC

License File Number: BZ-20191028ACT

Direct measurement of power.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:15 PM	Jul.	5:00 AM	7:15 PM
Feb.	6:45 AM	5:45 PM	Aug.	5:15 AM	6:45 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:30 PM	Oct.	6:00 AM	5:30 PM
May	5:00 AM	7:00 PM	Nov.	6:30 AM	5:00 PM
Jun.	4:45 AM	7:15 PM	Dec.	7:00 AM	4:45 PM

Callsign: WMC License No.: BZ-20191028ACT

Name of Licensee: AUDACY LICENSE, LLC

Station Location: MEMPHIS, TN

Frequency (kHz): 790

Station Class: B

Antenna Coordinates:

		Day					
Latitude:	N	35	Deg	10	Min	07	Sec
Longitude:	W	89	Deg	53	Min	06	Sec

		Night					
Latitude:	N	35	Deg	10	Min	07	Sec
Longitude:	W	89	Deg	53	Min	06	Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.4

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 6.27 Night: 10.4

Resistance (ohms): Day: 127 Night: 50

Non-Directional Antenna: Day

Radiator Height: 195.1 meters; 185 deg

Theoretical Efficiency: 386.24 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1048813	

Night:

Tower No.	ASRN	Overall Height (m)
1	1048813	
2	1048814	
3	1048815	
4	1048816	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 655

Standard RMS (mV/m/km):

Augmented RMS (mV/m/km): Night: 697.3

Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	185.0
2	1.3000	31.250	281.8000	91.500	0	91.0
3	1.6900	-62.500	115.5000	215.500	1	91.0
4	1.3000	-93.800	115.5000	215.500	0	91.0

* Tower Reference Switch
0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	18.5	33.0	424.87
2	35.0	10.0	125.53
3	40.0	10.0	128.75
4	50.0	20.0	233.35
5	60.0	16.0	255.48
6	148.5	29.0	259.10
7	148.5	10.0	278.42
8	222.0	10.0	461.88
9	229.0	14.0	255.89
10	229.0	10.0	281.64
11	313.0	24.0	292.10
12	313.0	10.0	321.87
13	325.0	20.0	297.73
14	335.0	20.0	363.45
15	346.0	16.0	305.08
16	354.0	10.0	219.88

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	-94	0.63
2	121	1.01

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
3	25	0.65
4	0	1

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
40	8.29	16.2
77	8.72	19.3
148	9.24	16.5
222	5.31	68.2
229	5.5	55
265	4.25	158.5
313	5.39	82.8
354	7.39	27.9

Special operating conditions or restrictions:

1 Ground System Consists of 120 equally spaced, buried, copper wire radials 229 m in length. Plus a 7.3 m x 22.9 m ground screen about the base of the NW(#1) tower. 120 equally spaced, buried copper radials 96 m in length plus 120 interspersed radials 13.7 m in length about the base of the other towers.

2 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

Special operating conditions or restrictions:

3 Monitor points:
40-deg.:The 40-degree monitoring point is centered on the driveway to the Bartlett-Ellendale Cemetery, also known as the Pisgah Cemetery in Bartlett, Tennessee. The point is approximately 400 feet southwest of the intersection of Memphis-Arlington Road and Oak Road.
NAD 83 Coordinates, 35 13 41.7N; 89 49 41.4W. Distance to WMC Antenna, 8.29 km (5.15 mi). Maximum Field 16.2 mV/m.

77-deg.:The 77-degree monitor point is centered on the SW traffic island in the front of St. Benedict High School in Cordova, Tennessee. The location is about 50 feet from the edge of Belleview Drive, east of Germantown Parkway. The street address for the school is 2100 North Germantown Parkway.
NAD 83 Coordinates, 35 11 08.2N; 89 47 31.3W. Distance to WMC Antenna, 8.72 km (5.42 mi). Maximum Field 19.3 mV/m.

148-deg.:The 148-degree monitor point is on the northwest corner of the intersection of Oak Hill Road and Oak Hill Cove in Memphis, Tennessee. The measurement point is line with the opening in the oak tree.
NAD 83 Coordinates, 35 05 56.7N; 89 50 05.8W. Distance to WMC Antenna, 9.24 km (5.74 mi). Maximum Field 16.5 mV/m.

222-deg.:The 222-degree monitoring point is centered on the sidewalk in front of the house at 120 Wallace Road in Memphis, Tennessee.
NAD 83 Coordinates, 35 08 04.8N; 89 55 27.9W. Distance to WMC Antenna, 5.31 km (3.30 mi). Maximum Field 68.2 mV/m.

229-deg.:The 229-degree monitoring point is located at the intersection of Minden Road and St. Alban's Fairway in Memphis, Tennessee. The point is on the center dividing island on Minden Road, centered with the St. Alban's Fairway street.
NAD 83 Coordinates, 35 08 15.6N; 89 55 52.2W. Distance to WMC Antenna, 5.50 km (3.42 mi). Maximum Field 55.0 mV/m.

265-deg.:The 265-degree monitoring point is centered on the sidewalk in the driveway of the home at 1241 Wrenwood Avenue in Memphis, Tennessee.
NAD 83 Coordinates, 35 09 55.9N; 89 55 57.1W. Distance to WMC Antenna, 4.25 km (2.64 mi). Maximum Field 158.5 mV/m.

313-deg.:The 313-degree monitoring point is located within River Grove Apartments in Memphis, Tennessee across from the apartment at 3968 Rio Lobo Court, in the field directly across from 3968, 15 feet from the curb.
NAD 83 Coordinates, 35 12 09.5N; 89 55 50.8W. Distance to WMC Antenna, 5.39 km (3.35 mi). Maximum Field 82.8 mV/m.

354-deg.:The 354-degree monitoring point is centered on the driveway of the home at 3985 Austin Peay Highway in Memphis, Tennessee, about 15 feet from the curb.
NAD 83 Coordinates, 35 14 04.1N, 89 53 46.2W. Distance to WMC Antenna, 7.39 km (4.59 mi). Maximum Field 27.9 mV/m.

*** END OF AUTHORIZATION ***