



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**AM BROADCAST STATION LICENSE**

Authorizing Official:

Official Mailing Address:

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WOOF BOOM RADIO OF LIMA LLC  
 800 EAST 29TH STREET  
 MUNCIE IN 47302

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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

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Grant Date: January 25, 2017

Facility Id: 1062

Call Sign: WCIT

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

License File Number: BZ-20160913ACL

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: Daytime with Secondary nighttime

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

Jan.	8:00 AM	5:30 PM	Jul.	5:15 AM	8:00 PM
Feb.	7:30 AM	6:15 PM	Aug.	5:45 AM	7:30 PM
Mar.	6:45 AM	6:45 PM	Sep.	6:15 AM	6:45 PM
Apr.	6:00 AM	7:15 PM	Oct.	6:45 AM	6:00 PM
May	5:15 AM	7:45 PM	Nov.	7:15 AM	5:15 PM
Jun.	5:00 AM	8:15 PM	Dec.	8:00 AM	5:15 PM

Callsign: WCIT

License No.: BZ-20160913ACL

Name of Licensee: WOOF BOOM RADIO OF LIMA LLC

Station Location: LIMA, OH

Frequency (kHz): 940

Station Class: D

Antenna Coordinates:

Day

Latitude: N 40 Deg 43 Min 21 Sec

Longitude: W 84 Deg 05 Min 03 Sec

Night

Latitude: N 40 Deg 43 Min 21 Sec

Longitude: W 84 Deg 05 Min 03 Sec

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

Nominal Power (kW): Day: 0.25 Night: 0.006

Antenna Input Power (kW): Day: 0.27 Night: 0.006

Antenna Mode: Day: DA Night: DA

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

Current (amperes): Day: 2.32 Night: 0.36

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1052005	
2	1052006	

Night:

Tower No.	ASRN	Overall Height (m)
1	1052005	
2	1052006	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 141.54 Night: 21.93

Standard RMS (mV/m/km): Day: Night:

Augmented RMS (mV/m/km):

Q Factor: Day: Night: 1.55

Theoretical Parameters:

Day 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	82.4
2	0.6000	-11.500	186.0000	33.000	0	82.4

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

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	82.4
2	0.6000	-11.500	186.0000	33.000	0	82.4

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	1	0.51

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	1	0.51

Antenna Monitor: POTOMAC INSTRUMENTS AM-19

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
33	4.88	13.74
187.9	3.81	20.8
238.1	5.5	10.8

Special operating conditions or restrictions:

- 1 The permittee/licensee 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.
- 2 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.

3 DESCRIPTION TO MONITORING POINTS:

Direction of 33° True North: From the transmitter driveway, turn left onto East 4th Street and proceed east 0.75 km to the north entrance ramp of Interstate 75 (I-75). Enter I-75-North and proceed north 4.5 km to Exit 127 (State Route 81). Turn right onto SR-81 and proceed east 1.75 km to the Monitor point. The monitor point is near Box Number 2880 Ada Road (SR-81), opposite the circle drive. The monitor point is located on the north side of the road adjacent to a yellow diamond shaped "Speed limit 45" sign. The distance to the Monitor point is 3.03 miles (4.88 km) and identified as point #15 in the last Full Proof of Performance. The field intensity measured at this point should not exceed 13.75 mV/m.

Direction of 187.9° True North: From the transmitter driveway turn right on Fourth Street and proceed west 0.6 miles to St. Johns Avenue (Ohio 65). Turn left and proceed south 2.05 miles to Breese Road. Turn right and proceed west 0.05 miles to point. Point is on the southwest corner of Luther Cemetery and lies 2.37 miles from the antenna. The field intensity measured at this point should not exceed 20.8 mV/m.

Direction of 238.1° True North: From the transmitter driveway turn right on Fourth Street and proceed west 1.74 miles to South Dixie Highway. Turn left and proceed south 1.6 miles to Reed Road. Turn right and proceed west 0.48 miles to monitor point. Point is on the north side of Reed Road directly across from the driveway to 1753 Reed Road and lies 3.42 miles from the antenna. The field intensity measured at this point should not exceed 10.8 mV/m.

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Special operating conditions or restrictions:

4 Ground system consists of 120-230' to 455' copper radials.

\*\*\* END OF AUTHORIZATION \*\*\*