



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

[Handwritten signature]

Official Mailing Address:

COX RADIO, LLC
223 PERIMETER CENTER PARKWAY, NE
ATLANTA GA 30346

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: June 27, 2023

This license expires 3:00 a.m.
local time, February 01, 2028.

Facility Id: 48726

Call Sign: WDBO

License File Number: BMML-20230324AAF

This license modifies license no.: BZ-20060726AVU

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)

Table with 4 columns: Month, Sunrise, Sunset, and another Sunrise/Sunset pair. Rows include Jan through Dec.

Callsign: WDBO

License No.: BMML-20230324AAF

Name of Licensee: COX RADIO, LLC

Station Location: ORLANDO, FL

Frequency (kHz): 580

Station Class: B

Antenna Coordinates:

Day

Latitude: N 28 Deg 37 Min 11 Sec

Longitude: W 81 Deg 24 Min 35 Sec

Night

Latitude: N 28 Deg 37 Min 11 Sec

Longitude: W 81 Deg 24 Min 35 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: 5.00 Night: 5.4

Antenna Mode: Day: ND Night: DA

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

Current (amperes): Day: 9.05 Night: 10.39

Resistance (ohms): Day: 61 Night: 50

Non-Directional Antenna: Day

Radiator Height: 134.11 meters; 93 deg

Theoretical Efficiency: 308.99 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1019249	

Night:

Tower No.	ASRN	Overall Height (m)
1	1020490	
2	1019249	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 667.88
 Standard RMS (mV/m/km):
 Augmented RMS (mV/m/km): Night: 741.75
 Q Factor: Night: 22.36

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	93.0
2	0.7200	-74.000	106.0000	173.500	0	93.0

* 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	16.0	36.0	185.07
2	39.0	42.0	354.06
3	60.0	42.0	567.23
4	81.0	39.0	795.50
5	100.5	39.0	945.26
6	173.5	27.0	959.17
7	190.5	33.0	997.79
8	207.0	33.0	1012.65
9	224.0	28.0	1020.81
10	238.0	28.0	991.52
11	253.0	28.0	901.80
12	267.0	27.0	774.90
13	280.5	27.0	609.47
14	294.5	27.0	453.84
15	308.0	27.0	333.13
16	324.0	32.0	225.31
17	340.0	32.0	168.98
18	358.0	36.0	168.98

Night Directional Operation:

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

Night Directional Operation:

Twr. Phase	Antenna Monitor
No. (Deg.)	Sample Current Ratio
2 -68.1	0.698

Antenna Monitor: POTOMAC INSTRUMENTS AM-19(204)

Sampling System Approved Under Section 73.68 of the Rules.

Special operating conditions or restrictions:

- 1 Ground System consists of 120 equally spaced buried copper radials 128.96 meters long or to property limits plus 120 radials 30.49 meters long about each tower. Intersecting radials are bonded together.

- 2 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.

*** END OF AUTHORIZATION ***