

# Federal Communications Commission

## AM BROADCAST STATION CONSTRUCTION PERMIT

**Licensee/Permittee**

DuPage Radio, LLC  
PO Box 5502  
Naperville, IL, 60567

**Call Sign**

WCKG

**Facility ID**

32227

<b>File Number</b> 0000220621	<b>This Permit Modifies License File No.</b> BL-19960524AA	
<b>Filing Date</b> 04/10/2024	<b>Grant Date</b> 04/30/2024	<b>Expiration Date</b> 04/18/2027
<b>Description Text</b> Permit to change site and reduce power using an existing tower.		

<b>Community of License</b> <b>City:</b> Elmhurst <b>State:</b> IL	<b>Frequency (KHz)</b> 1530	<b>Station Class</b> D	<b>Service Type</b> Main
<b>Facility Type</b> Commercial			
<b>Hours of Operation</b> Daytime			
<b>Station Antenna Modes/Antenna Types</b> Daytime: Non-Directional			

### Transmitter

Type Accepted. See Sections 73.1660, 73.1665, and 73.1670 of the Commission's Rules
---

## Antenna Mode: Daytime

Antenna Type: Non-Directional

<b>Antenna Coordinates (NAD 83)</b>  <b>Latitude</b> 41° 51' 46" N  <b>Longitude</b> 87° 55' 26" W				<b>Nominal Power (kW)</b> .360		
<b>Antenna Structure Registration Number(s)</b>						
<b>Tower No.</b>	<b>ASRN</b>	<b>Overall Height (m)</b>				
1	1281128	30				
<b>Radiator Height</b> 30.17 meters 56.1 degrees				<b>Theoretical Efficiency</b> 245.023 mV/m/kw at 1 km		
<b>Theoretical Parameters</b>						
<b>Tower No.</b>	<b>Field Ratio</b>	<b>Phasing (deg.)</b>	<b>Spacing (deg.)</b>	<b>Orientation (deg.)</b>	<b>Tower Ref. Switch*</b>	<b>Height (deg.)</b>
1	1	0	0	0	0	56.1
<p>* Tower Reference Switch</p> <p>0 = Spacing and orientation from reference tower 1 = Spacing and orientation from previous tower</p>						
<b>Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)</b>						
<b>Tower No.</b>	<b>Tower Type</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	
1	Neither					

## Special operating conditions or restrictions

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.

- 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.
- The deficient ground system consists of 120 equally spaced, buried, copper radials about the base of the tower, each 29.4 meters in length.
- Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- The proposed antenna shall be excited with a symmetrical folded unipole feed, utilizing a minimum of three folds. Slant wire is not permitted.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.