



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

Authorizing Official:

Official Mailing Address:

GROVE BROADCASTING INC.  
69601 EAST 290 ROAD  
GROVE OK 74344

Arthur E. Doak  
Senior Engineer  
Audio Division  
Media Bureau

Facility Id: 90108

Call Sign: KWXK

License File Number: BLED-20080313AAP

Grant Date: June 20, 2008

This license expires 3:00 a.m.  
local time, June 01, 2013.

This license covers Permit No.: BPED-19980225ME  
as modified by Permit No.: BMPED-20080226ABZ

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.

Callsign: KWXC

License No.: BLED-20080313AAP

Name of Licensee: GROVE BROADCASTING INC.

Station Location: OK-GROVE

Frequency (MHz): 88.9

Channel: 205

Class: A

Hours of Operation: Unlimited

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

Transmitter output power: 1.85 kW

Antenna type: Directional

Description: SWR FM3V/3-DA, 3 section

Antenna Coordinates: North Latitude: 36 deg 35 min 42 sec

West Longitude: 94 deg 38 min 05 sec

Horizontally Polarized Antenna	Vertically Polarized Antenna
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Effective radiated power in the Horizontal Plane (kW):	6.0
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Height of radiation center above ground (Meters):	81
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Height of radiation center above mean sea level (Meters):	354
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Height of radiation center above average terrain (Meters):	73
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Antenna structure registration number: 1056346

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 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:

- 2 The relative field strength of the measured vertically polarized radiation component shall not exceed at any azimuth the value indicated on the radiation pattern authorized by Construction Permit BMPED-20080226ABZ.

A relative field strength of 1.0 on the radiation pattern authorized by Construction Permit BMPED-20080226ABZ corresponds to the following effective radiated power:

6.0 kilowatts (vertically polarized only)

Principal minima and their associated field strength limits:

340 - 50 degrees True: 2.0 kilowatts (vertically polarized only)

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