



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

Authorizing Official:

Official Mailing Address:

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IOWA PUBLIC BROADCASTING BOARD  
P.O.BOX 6450  
JOHNSTON IA 50131

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Clay C. Pendarvis  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 29086  
Analog TSID: 932  
Digital TSID: 933  
Call Sign: KYIN  
License File Number: BLEDT-20090612AHJ  
This license covers permit no.: BPEDT-20080620AFL

Grant Date: June 24, 2010

This license expires 3:00 a.m.  
local time, February 01, 2014.

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: KYIN

License No.: BLEDT-20090612AHJ

Name of Licensee: IOWA PUBLIC BROADCASTING BOARD

Station Location: IA-MASON CITY

Frequency (MHz): 494 - 500

Channel: 18

Hours of Operation: Unlimited

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

Antenna type: (directional or non-directional): Directional

Description: DIE, TFU-22DSC-R 4P230

Beam Tilt: 1.25 Degrees Electrical

Major lobe directions            177            297  
(degrees true):

Antenna Coordinates: North Latitude:    43 deg   28 min   32 sec  
   West Longitude:    92 deg   42 min   29 sec

Transmitter output power: 18.35 kW  
   12.64 DBK

Maximum effective radiated power (Average):            533 kW  
   27.27 DBK

Height of radiation center above ground:                449.6 Meters

Height of radiation center above mean sea level: 838.2 Meters

Height of radiation center above average terrain: 448.5 Meters

Antenna structure registration number: 1253749

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

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