



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

Authorizing Official:

Official Mailing Address:

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KAAL-TV, LLC  
3415 UNIVERSITY AVENUE, WEST  
ST. PAUL MN 55114

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Hossein Hashemzadeh  
Associate Chief  
Video Division  
Media Bureau

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Facility Id: 18285

Grant Date: October 16, 2009

Analog TSID: 1564

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

Digital TSID: 1565

Call Sign: KAAL

License File Number: BLCDT-20091009AAG

This license covers permit no.: BDRTCT-20090515AAW

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: KAAL

License No.: BLCDT-20091009AAG

Name of Licensee: KAAL-TV, LLC

Station Location: IA-MASON CITY

Frequency (MHz): 584 - 590

Channel: 33

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

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

Description: DIE DL-8

Major lobe directions            270  
(degrees true):

Beam Tilt: 1 Degrees

Antenna Coordinates: North Latitude:    43 deg   06 min   21 sec

West Longitude:    93 deg   35 min   07 sec

Maximum Effective Radiated Power (ERP):            8.3 kW

Transmitter Output Power:                            0.9 kW

Height of radiation center above ground:            80.8 Meters

Height of radiation center above mean sea level:   448.4 Meters

Antenna structure registration number: 1247759

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

Out-of-Channel Emission mask: Stringent

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