

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

STATE OF WISCONSIN - EDUCATIONAL COMMUNICATIONS BOARD
3319 W. BELTLINE HWY.
MADISON, WI, 53713

Call Sign	File Number
WLEF-TV	0000157767

Facility ID: 63046

NTSC TSID: 3236

Digital TSID: 3237

**This License Covers Construction
Permit No.**

0000035675

Grant Date 08/24/2021		Expiration Date 12/01/2021	
Hours of Operation Unlimited			
Station Location City PARK FALLS State WI		Frequency (MHz) 602.0 - 608.0	Station Channel 36
Facility Type Noncommercial Educational			

Antenna Structure Registration Number 1035226	
Transmitter Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 45-56-42.5 N Longitude 90-16-22.5 W	Antenna Type Non-Directional
Description of Antenna Make HAR Model TWSC-30	

Antenna Beam Tilt (Degrees Electrical) 0.7	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions N/A	Maximum Effective Radiated Power (Average) 400 kW 26.02 DBK
Height of Radiated Center Above Ground (Meters) 448	Height of Radiated Center Above Mean Sea Level (Meters) 920.4
Height of Radiated Center Above Average Terrain (Meters) 445	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

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.

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