

Federal Communications Commission

TELEVISION BROADCAST STATION LICENSE

Licensee/Permittee

Twin Cities Public Television Inc.
172 East 4th Street
Saint Paul, MN, 55101

Call Sign File Number

KTCA-TV 0000220489

Facility ID: 68594**NTSC TSID:** 1604**Digital TSID:** 1605**This License Covers Construction
Permit No.**

0000216652

Grant Date 09/12/2023		Expiration Date 04/01/2030	
Hours of Operation Unlimited			
Station Location City ST. PAUL State MN		Frequency (MHz) 590.0 - 596.0	Station Channel 34
Facility Type Noncommercial Educational			

Antenna Structure Registration Number 1022899	
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 45-3-30.0 N Longitude 93-7-28.0 W	Antenna Type Directional
Description of Antenna Make DIE Model TFU-24WB VP-R C160	

Antenna Beam Tilt (Degrees Electrical) 1.00	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Major Lobe Directions 267.0	Maximum Effective Radiated Power (Average) 662 kW 28.21 DBK
Height of Radiated Center Above Ground (Meters) 413.8	Height of Radiated Center Above Mean Sea Level (Meters) 690.8
Height of Radiated Center Above Average Terrain (Meters) 411.1	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.