Federal Communications Commission

NEXT GENERATION TELEVISION BROADCAST STATION LICENSE

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

Call Sign	File Number
KTCI-TV	0000221665

Facility ID: 68597
NTSC TSID: 1608
Digital TSID: 1609
This License Modifies License No. BLEDT-20100326AAI

ATSC 3.0

Grant Date 10/11/2023		**Expiration Date** 04/01/2030
Hours of Operation Unlimited		
Station Location **City** ST. PAUL **State** MN	**Frequency (MHz)** 524.0 - 530.0	**Station Channel** 23
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) 1.0	**Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth)** Not Applicable
Major Lobe Directions 267.0	**Maximum Effective Radiated Power (Average)** 325 kW 25.12 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

ATSC 1.0

Call Sign	Facility ID
KTCA-TV	68594

Grant Date 10/11/2023	**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) 1.0	**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.