

Federal Communications Commission

LOW POWER TELEVISION BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

TANANA VALLEY TELEVISION COMPANY
P.O. BOX 84662
FAIRBANKS, AK, 99708

Call Sign	File Number
K22EY-D	0000004994

Facility ID: 72584

NTSC TSID:

Digital TSID:

This Permit Modifies License No.: BLDTL-20110406ABJ

Grant Date 10/27/2015		Expiration Date 36 months after the grant date	
Hours of Operation Unlimited			
Station Location City FAIRBANKS State AK		Frequency (MHz) 518.0 - 524.0	Station Channel 22

Antenna Structure Registration Number 1002772	
Transmitter Type Accepted. See Sections 74.750 of the Commission's Rules.	Transmitter Output Power(kW) As required to achieve authorized ERP.
Antenna Coordinates Latitude 64-48-41.0 N Longitude 147-42-13.0 W	Antenna Type Directional
Description of Antenna Make KAT Model 4X2 K723147	Major Lobe Directions 50.0 310.0
Antenna Beam Tilt (Degrees Electrical) Not Applicable	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 15 kW 11.76 DBK	
Height of Radiated Center Above Ground (Meters) 38	Height of Radiated Center Above Mean Sea Level (Meters) 172.4
Out-Of-Channel Emission Mask Simple	Overall Height of Antenna Structure Above Ground (Meters) See the registration for this antenna structure.

Waivers/Special Conditions

- This authorization is subject to the condition that low power television is a secondary service, and that low power television and television translator stations must not cause interference to the reception of existing or future full service television stations on either allotted NTSC or DTV channels, and must accept interference from such stations.

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.

