

Federal Communications Commission

TELEVISION TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

COLORADO PUBLIC TELEVISION, INC.
2900 WELTON STREET
DENVER, CO, 80205

Call Sign	File Number
K22NW-D	0000054558

Facility ID: 22690

NTSC TSID:

Digital TSID:

This Permit Modifies License File No.: BLDTT-20121213AIL

Grant Date 10/19/2018		Expiration Date 36 months after the grant date	
Hours of Operation Unlimited			
Station Location City BOULDER State CO		Frequency (MHz) 518.0 - 524.0	Station Channel 22

Antenna Structure Registration Number	
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 39-57-35.9 N Longitude 105-12-46.9 W	Antenna Type Directional
Description of Antenna Make PSI Model PSILPD8DF-22EP	Major Lobe Directions 340.0
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) 19	Height of Radiated Center Above Mean Sea Level (Meters) 1768
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) 32

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.

