

Federal Communications Commission

DIGITAL REPLACEMENT TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

WASHINGTON STATE UNIVERSITY
Edward R. Murrow College of Communication
P.O. Box 642530
Pullman, WA, 99164

Call Sign	File Number
KWSU-TV	0000053960

Facility ID: 71024

NTSC TSID: 3116

Digital TSID: 3117

This Permit Modifies License File No.: BLEDT-20111003ALM

Grant Date 07/03/2018		Expiration Date 36 months after the grant date
Hours of Operation Unlimited		
Station Location City PULLMAN State WA	Frequency (MHz) 584.0 - 590.0	Station Channel 33

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 47-34-44.70 N Longitude 117-17-51.30 W	Antenna Type Directional
Description of Antenna Make MCX Model LP-1900-E-4CP	Major Lobe Directions 223.0
Antenna Beam Tilt (Degrees Electrical) 1.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 1.2 kW 0.79 DBK	
Height of Radiated Center Above Ground (Meters) 43	Height of Radiated Center Above Mean Sea Level (Meters) 1158
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) 46

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.