

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	0000060440

Facility ID: 71024
NTSC TSID: 3116
Digital TSID: 3117
This Permit Modifies License File No.: 0000053960

Grant Date 10/09/2018		Expiration Date 07/03/2021	
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 47-34-38.29 N Longitude 117-17-57.14 W	Antenna Type Directional
Description of Antenna Make MCX Model LP-1900-E-4CP	Major Lobe Directions 270.0
Antenna Beam Tilt (Degrees Electrical) 1.5	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable

Maximum Effective Radiated Power (Average) 1.5 kW 1.76 DBK	
Height of Radiated Center Above Ground (Meters) 36	Height of Radiated Center Above Mean Sea Level (Meters) 1149
Out-Of-Channel Emission Mask Full Service	Overall Height of Antenna Structure Above Ground (Meters) 38

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.