

Federal Communications Commission

DIGITAL REPLACEMENT TRANSLATOR BROADCAST STATION LICENSE

Licensee/Permittee

BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY
 1003 COMMUNICATIONS BUILDING
 MAILCODE 6602
 CARBONDALE, IL, 62901

Call Sign File Number
 WSIU-TV 0000124757

Facility ID: 4297
NTSC TSID: 990
Digital TSID: 991
This License Covers Construction Permit No.

0000107828

Grant Date 10/22/2020		Expiration Date 12/01/2021	
Hours of Operation Unlimited			
Station Location City CARBONDALE State IL		Frequency (MHz) 554.0 - 560.0	Station Channel 28

Antenna Structure Registration Number 1005390	
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 37-24-23.0 N Longitude 89-33-44.0 W	Antenna Type Directional
Description of Antenna Make AND Model ALP8WR	Major Lobe Directions 85.0 325.0

Antenna Beam Tilt (Degrees Electrical) 1	Antenna Beam Tilt (Degrees Mechanical @ Degrees Azimuth) Not Applicable
Maximum Effective Radiated Power (Average) 5 kW 6.99 DBK	
Height of Radiated Center Above Ground (Meters) 129.5	Height of Radiated Center Above Mean Sea Level (Meters) 345.9
Out-Of-Channel Emission Mask Stringent	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.