

Federal Communications Commission

DIGITAL REPLACEMENT TRANSLATOR BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee

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

Call Sign	File Number
WSIU-TV	0000107828

Facility ID: 4297

NTSC TSID: 990

Digital TSID: 991

This Permit Modifies License File No. BDRTEDT-20100830ABG

Grant Date 05/11/2020		Expiration Date 05/15/2020	
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

- 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.