



United States of America
FEDERAL COMMUNICATIONS COMMISSION
DIGITAL TELEVISION
DISTRIBUTED TRANSMISSION SYSTEM
BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

THE PENNSYLVANIA STATE UNIVERSITY
120 OUTREACH BUILDING

UNIVERSITY PARK PA 16802

Kevin R. Harding
Associate Chief
Video Division
Media Bureau

Facility Id: 66219
Analog TSID: 2454
Digital TSID: 2455

Grant Date: July 25, 2013
This license expires 3:00 a.m.
local time, August 01, 2015.

License File Number: BLEDT-20130614ACC

This license covers permit no.: BMPEDT-20090909ABR

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WPSU-TV

License No.: BLEDT-20130614ACC

Name of Licensee: THE PENNSYLVANIA STATE UNIVERSITY

Station Location: PA-CLEARFIELD

Frequency (MHz): 476 - 482

Channel: 15

Hours of Operation: Unlimited

Antenna Coordinates: North Latitude: 41 deg 07 min 20 sec

West Longitude: 78 deg 26 min 30 sec

DTS Site Number: 1

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: DIE, TFU-34GTH-R 4C118

Beam Tilt: 1.15 Degrees Electrical

Major lobe directions 300
(degrees true):

Antenna Coordinates: North Latitude: 41 deg 07 min 20 sec

West Longitude: 78 deg 26 min 30 sec

Transmitter output power: 28.97 kW
14.62 DBK

Maximum effective radiated power (Average): 810 kW
29.08 DBK

Height of radiation center above ground: 289.1 Meters

Height of radiation center above mean sea level: 950.4 Meters

Height of radiation center above average terrain: 412.8 Meters

Antenna structure registration number: 1233572

Overall height of antenna structure above ground (including obstruct lighting if any) see the registration for this antenna structure.

Callsign: WPSU-TV

License No.: BLEDT-20130614ACC

DTS Site Number: 2

Transmitter: Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Antenna type: (directional or non-directional): Non-Directional

Description: DIE, TLP-16J

Beam Tilt: 1 Degrees Electrical

Antenna Coordinates: North Latitude: 40 deg 42 min 47 sec

West Longitude: 77 deg 54 min 01 sec

Transmitter output power: 1.801 kW
2.555 DBK

Maximum effective radiated power (Average): 48 kW
16.81 DBK

Height of radiation center above ground: 33.5 Meters

Height of radiation center above mean sea level: 655.3 Meters

Height of radiation center above average terrain: 281.6 Meters

Antenna structure registration number: 1024968

Overall height of antenna structure above ground (including obstruct lighting if any) see the registration for this antenna structure.

*** END OF AUTHORIZATION ***