

Technical Summary

Request for Special Temporary Authority

Engineering Exhibit

WINP-TV – Pittsburgh, PA

Facility ID: 41314

Licensee "ION MEDIA OF SCRANTON, INC" currently has a construction permit (0000034405) to operate on Post-Repack DTV channel 16. The Antenna Structure Registration Number is 1022324 with a Latitude of 40° 26' 46.2" N+ and a Longitude of 79° 57' 50.2" W-.

Upon installation of the new transmission filter system, the manufacturer discovered a problem with power handling capability needed to meet the station's approved ERP, requiring the station to operate at a reduced power level until the filter is modified or replaced by the manufacturer. Although the station is requesting temporary Post-Repack facilities it does not anticipate needing relief from the Phase 4 completion timing.

Therefore, this application is to request special temporary authority to operate from Antenna Structure Registration Number 1022324 with a Latitude of 40° 26' 46.2" N+ and a Longitude of 79° 57' 50.2" W-. The HAAT is 208 m (AGL 166 m) with an AMSL of 521 m. An ERP of 475 kW will be utilized.

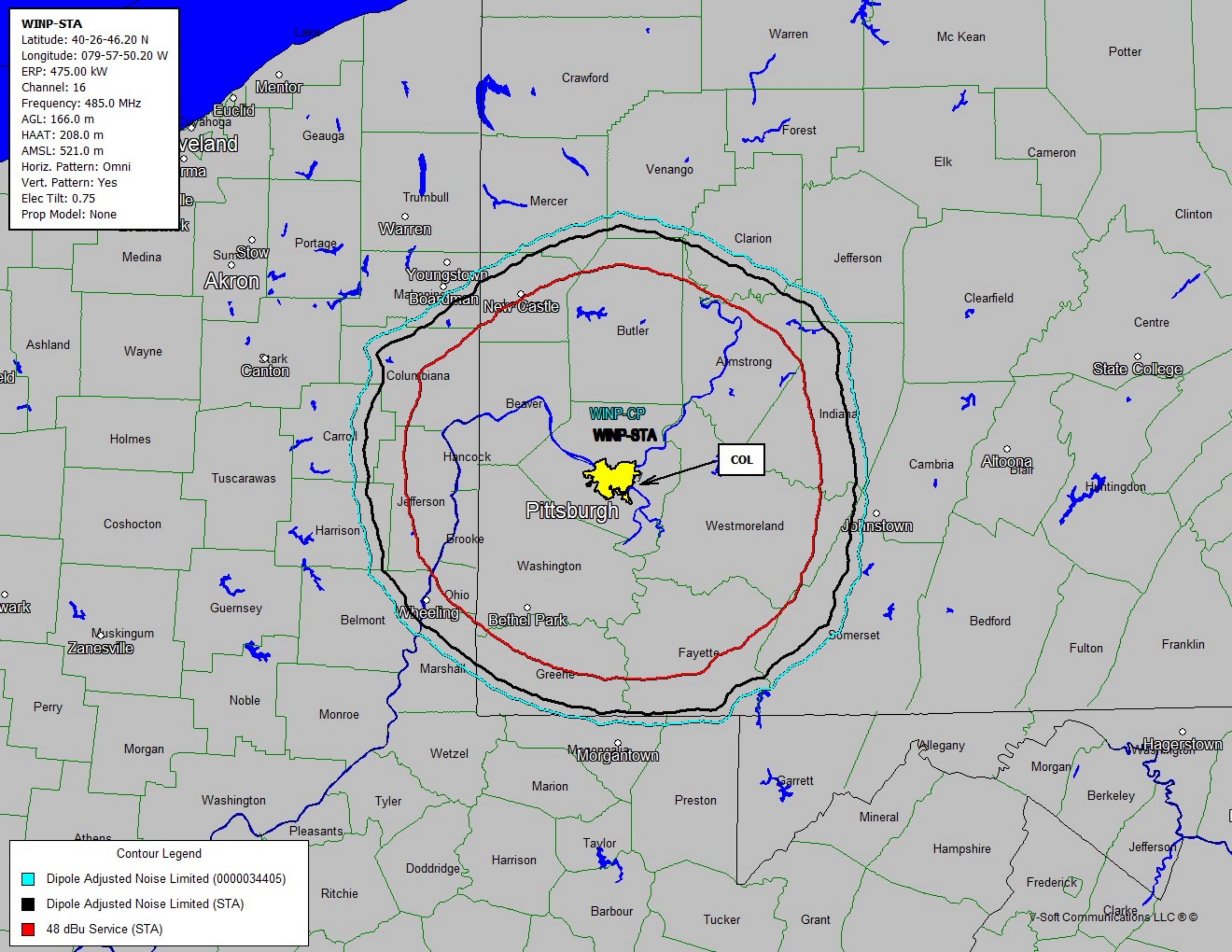
Antenna System

The approved top mounted Omni-directional antenna will be utilized. It will be affixed to an existing guyed tower structure and will not increase the overall height of the structure. Elevation and Azimuth patterns are attached. Furthermore, the proposed STA operation will not expand the station's noise limited contour.

RF Hazard (Environmental)

Compliance with RF Hazard (Environmental) is provided in the attached RF Hazard Statement.

WINP-STA
Latitude: 40-26-46.20 N
Longitude: 079-57-50.20 W
ERP: 475.00 kW
Channel: 16
Frequency: 485.0 MHz
AGL: 166.0 m
HAAT: 208.0 m
AMSL: 521.0 m
Horiz. Pattern: Omni
Vert. Pattern: Yes
Elec Tilt: 0.75
Prop Model: None



Contour Legend

- Dipole Adjusted Noise Limited (0000034405)
- Dipole Adjusted Noise Limited (STA)
- 48 dBu Service (STA)