

# ENGINEERING REPORT

Minor Change in Construction Permit  
Application for a digital Low Power TV  
Station

WFNY-CD – Gloversville, NY

License Number – BLDTA-  
20120217AAQ

(Facility ID Number: 167948)

Construction Permit - 0000027243

Power Increase

October, 2017

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# **Discussion of Engineering Report**

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This firm was retained to prepare the required engineering report in support of this Minor Construction Permit Application for Low Power Digital TV station WFNY-CD, Gloversville, NY, License Number BLDTA-20120217AAQ (Facility ID: 167948). Currently WFNY-CD, is authorized to operate on Channel 16 with an ERP of 0.441 kW at 558.9 meters AMSL utilizing a non-directional antenna. Proposed operation is requested with an ERP of 4.4 kW at the same AMSL, same channel, and utilizing the same antenna.

This station Post Repack is qualified to make this application under FCC Public Notice DA 17-911 dated September 20, 2017.

## **Additional engineering exhibits are attached to this application:**

- ***“WFNY Interference Free Power Increase Study”***. This exhibit demonstrates that the proposed facility will not cause Prohibited Interference to stations affected by this proposal. The proposed facility will receive interference and applicant agrees to accept this interference.
- ***“WFNY Contour Comparison”***. Comparison of Present and Proposed Noise Limited Contours.
- ***“5% Exclusion RFR Study based on Eq10”***. The Radio Frequency exposure has been evaluated at the proposed power level to demonstrate compliance.
- ***“WFNY Patterns”***. Antenna Technical Data.