

TECHNICAL SUMMARY  
APPLICATION FOR CONSTRUCTION PERMIT  
TV STATION WNYE-TV  
NEW YORK, NEW YORK  
CHANNEL 24 180 KW (ND) 309.7 m

1. The instant application for WNYE-TV on channel 24 at New York, New York is filed in response to the FCC's Public Notice which temporarily lifted the freeze on the filing of minor modification applications that expand the contour or full power and Class A TV stations.<sup>1</sup> It is proposed to increase the WNYE-TV ERP from 151 kW to 180 kW. No other changes are proposed including no change in the overall structure height of the existing tower (ASRN 1238745).

2. As demonstrated in the *TVStudy* analysis exhibit, the proposal complies with the FCC's interference protection requirements to all pertinent stations based on a cell size of 1.0 km and profile resolution of 0.1 points/km to all pertinent stations.

3. RFR Compliance: The proposed operation, by itself, has a predicted rooftop power density equal to 0.66% of the occupational limit applying at TV channel 24 (the roof of the 4 Times Square building is a controlled access area). The proposed operation, by itself, has a predicted ground level power density equal to 0.24% of the public exposure limit applying at TV channel 24. Therefore, based on the responsibility threshold of 5%, the proposal will comply with the RF emission rules.

Access to the transmitting site is restricted and appropriately marked with RFR warning signs. Also, a formal RFR protection protocol is in effect to ensure that appropriate measures will be taken to assure worker safety with respect to RFR exposure, in the event that workers or other authorized personnel enter the restricted area or climb the tower. Such measures include limiting the exposure time, wearing protective clothing, reducing power to an acceptable level or termination of transmitter output power altogether until workers leave the restricted area.

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<sup>1</sup> *Media Bureau Temporarily Lifts the Freeze on the Filing of Minor Modification Applications That Expand the Contour of Full Power and Class A Television Stations from November 28 Through December 7, 2017*, Public NoNew York, DA 17-1086 (released November 6, 2017).