

Engineering Statement
WNYW Channel 27 New York, NY
Auxiliary Transmitter Site at One World Trade New York, NY

This application proposes an auxiliary facility for WNYW to be located at One World Trade New York, NY. The proposed facility will utilize a broadband antenna that is located just above the WNYW licensed main antenna.

An analysis of the proposed facility using the FCC's TVStudy software with the default settings indicates, the proposal is acceptable and would not increase the interference of other stations beyond the allowable limits. It is also noted that the predicted noise limited contour of the proposed facility will not exceed that of the WNYW authorized main facility. A comparison plot of the main and proposed auxiliary facilities' noise limited contours is provided below. In addition, a copy of the TVStudy interference analysis results is provided as an attachment to this application



WNYW CH 27 One World Trade Licensed Main Facility vs One World Trade AUX @ 46.5 kW

Licensed Contour	GREEN
Proposed AUX Contour	RED