

**ENGINEERING STATEMENT**  
**WSKG PUBLIC TELECOMMUNICATIONS COUNCIL**  
**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**  
**WSKG-TV, BINGHAMTON, NY**  
**BASELINE: CH 31, 40.2 KW(H), NON-DIRECTIONAL, 408 m HAAT**  
**STA: CH 31, 40.2 KW(H), DIRECTIONAL, 360 m HAAT**

This statement supports an application by WSKG Public Telecommunications Council, licensee of full power television station WSKG-TV ("WSKG"), licensed to serve Binghamton, New York, to operate its post-auction repack facility, on assigned channel 31, under Special Temporary Authority ("STA").

WSKG is currently assigned to Phase 10 in the FCC's repack transition schedule. In order to facilitate installation of the repack antenna and transmission line WSKG must remove the antenna and line currently used for pre-repack channel 42 first. Installation of the new antenna will be at the same location currently occupied by the channel 42 antenna. The purpose of this requested STA is to allow WSKG to initially operate its post-repack facility, on channel 31, from an Interim antenna located at a lower height on the antenna structure at the same authorized ERP of 40.2 kW. The Interim antenna would be directional with the main beam towards the vicinity of Binghamton.

The map attached on the next page of this Statement shows a comparison of the noise limited contours of the proposed operation under STA against the baseline contour determined by the FCC's software when the repack channel was assigned. As shown on the map, the predicted contour for the facility under STA is totally inside the baseline contour. The station will also continue to provide a Principal Community Contour of greater than 48 dBu over its city of license, Binghamton, New York.

A grant of this STA request is in the public interest as it allows WSKG to complete construction of its post-auction repack facility and will do so without adversely affecting the viewers of WSKG.

**WSKG-TV, BINGHAMTON, NY, CHANNEL 31**  
**CONTOUR COMPARISONS**

**BASELINE: 40.2 KW, 408 m HAAT**

**STA: 40.2 KW, 360 m HAAT**

