

**ENGINEERING STATEMENT
FOX TELEVISION STATIONS, LLC
MINOR MODIFICATION OF CONSTRUCTION PERMIT FILE NUMBER 0000034527
WRBW, ORLANDO, FL
CURRENT CP: CH 28, 1000 KW(H&V), NON-DIRECTIONAL, 429.0 m HAAT
PROPOSED: CH 28, 1000 KW(H), 826 KW(V), NON-DIRECTIONAL, 447.0 m HAAT**

This statement supports an application by FOX Television Stations, LLC, licensee of WRBW, to make a minor modification to its construction permit, LMS File Number 0000034527, to construct its assigned post-auction television repack facility.

Applicant is proposing a slight increase of its antenna radiation center from 440.2 meters to 458.4 meters AMSL. It is also proposing to change its antenna polarization from circular to elliptical, thus lowering the ERP from 1000 kW to 826 kW in the vertical plane only.

It is noted that the proposed increase of antenna radiation center to 458.4 meters is less than the 523.6 meters AMSL authorized for its current licensed facility, LMS File Number BLCDDT20060810AIX, and shown in the "FCC's Technical Parameters for Post-Auction Table of Allotments."

WRBW serves the Orlando-Daytona Beach-Melbourne DMA. The coverage area for WRBW at the location identified in its current construction permit and at the proposed height of 458.6 meters AMSL is within 0.1% of its current predicted coverage area.

An interference analysis was performed pursuant to the parameters used by the Commission for application interference processing, with the exception of the following.

TVSTUDY PROCESSING REQUEST

Applicant requests that the TVStudy processing be conducted with the following settings:

1. A Profile Point Spacing of 0.1 km
2. A cell size of 1 km/side

The analysis was performed using the methodology stated in OET-69 using the same software (TVStudy v2.2.5) utilized by the Commission and, therefore, should yield similar results.