

ENGINEERING STATEMENT
GUENTER MARKSTEINER
MINOR CHANGE IN LICENSED FACILITY LMS FILE NUMBER 0000008460
WHDT, STUART, FL
LICENSED: CH 42, 700 KW-DIRECTIONAL, 440 m HAAT
PROPOSED: CH 34, 599 KW-DIRECTIONAL, 440 m HAAT

This statement supports an application by Guenter Marksteiner, licensee of WHDT, to make a minor change in its licensed facility LMS File Number 0000008460 to construct its assigned post-auction television repack facility.

Applicant proposes to operate on the assigned repack channel of 34 with an Effective Radiated Power of 599 kW at an antenna height of 444.2 m AMSL and 1) will maintain the proposed service contour within the FCC assigned baseline contour plus 1.0% and 2) will provide a service area population that is more than 95.0% of the population baseline.

Instances where the proposed contour is extended from the current contour on a particular radial is due to the correction of tower coordinates filed in February, 2016 which was after the Post Auction Table of Allotments was established. In all instances the proposed service contour does not exceed the Baseline contour by more than the 1% allowed.

An interference analysis was performed pursuant to the parameters used by the Commission for application interference processing. The results of the analysis showed that the proposed operation for WHDT is not predicted to cause interference in excess of that allowed by the rules. The analysis was performed using the methodology stated in OET-69 using the same software (TVStudy v2.2.2) utilized by the Commission and, therefore, should yield similar results.