

ENGINEERING STATEMENT
GUENTER MARKSTEINER
MINOR MODIFICATION OF LICENSE FILE NUMBER BLDTL20091210ADU
WHDT-LD, BOSTON, MA
PROPOSED: CH 4, 3 KW, NON-DIRECTIONAL, 193.3 m AMSL

This statement supports an application by Guenter Marksteiner, licensee of WHDT-LD, to make a minor change in its licensed facility BLDTL20091210ADU.

Applicant currently operates on UHF channel 38. This channel is out of core for the post-repack television band. Applicant is, therefore, eligible to file for relocation during the special displacement window that opens on April 10, 2018. Applicant is proposing to operate on channel 4 at an Effective Radiated Power of 3 kW using a non-directional antenna. Applicant is proposing to relocate to another site only 0.18 km from the current location. This is well within the allowable distance to relocate and the proposed contour will well overlap that of the current. The antenna radiation center at the new location will change to 193.3 meters AMSL.

An interference analysis using the post-repack channel database 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-LD is not predicted to cause interference in excess of that allowed by the rules.

Applicant notes that at the time this analysis was conducted TVStudy showed interference into W39AR, file number BDISDVL20101223ABO. A search of the LMS database shows the status of this authorization as being cancelled.

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.