

ENGINEERING STATEMENT
L4 MEDIA GROUP, LLC
MINOR MODIFICATION OF LICENSE FILE NUMBER 0000013342
WBXT-LD, TALLAHASSEE, FL
PROPOSED: CH 35, 10 KW, DIRECTIONAL, 73.5 m AMSL

This statement supports an application by L4 Media Group, LLC, licensee of WBXT-LD, to make a minor change in its licensed facility 0000013342.

Applicant currently operates on UHF channel 43. This channel is out of core of 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 35 at an Effective Radiated Power of 10 kW using a directional antenna. No change in antenna height or location is being proposed.

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

An interference analysis using the post-repack channel database was performed pursuant to the parameters used by the Commission for application interference processing using a profile point spacing of 0.1 km. The results of the analysis showed that the proposed operation for WBXT-LD 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 v2.2.5) utilized by the Commission and, therefore, should yield similar results.