

**ENGINEERING STATEMENT  
L4 MEDIA GROUP, LLC  
REQUEST FOR SPECIAL TEMPORARY AUTHORITY  
WBXM-CD, MONTGOMERY, AL  
LICENSED: CH 41, 1.25 KW-DIRECTIONAL, 160.3 m AMSL  
STA REQUEST: CH 15, 5.0 KW-DIRECTIONAL, 157.3 m AMSL**

This statement supports an application by L4 Media Group, LLC, licensee of WBXM-CD, requesting Special Temporary Authority ("STA") to operate on a displacement television channel for its licensed facility, FCC File number 0000004206.

Applicant is currently authorized to operate WBXM-CD on UHF Television Channel 41. However, WBXM-CD must soon cease operation on Channel 41 since it is an "out-of-core" channel as a result of the FCC's Spectrum Repack Auction Initiative.

Applicant proposes to operate on channel 15 with an Effective Radiated Power of 5.0 kW at an antenna height of 157.3 m AMSL. No change in the current location is being proposed.

It is noted that most of the television stations in the Montgomery, AL market were assigned to repack transition Phase 5. An expedited grant of this STA is requested since the licensee has been notified by T-Mobile of its desire to soon begin using the spectrum it acquired in the Television Repack Auction.

**TVSTUDY PROCESSING REQUEST**

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

1. A Profile Point Spacing of 0.1 km

Using the Profile Point Spacing of 0.1 km, the results of the analysis showed that the proposed operation for WBXM-CD on channel 15, using a full-service mask filter, 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.