

**ENGINEERING STATEMENT
L4 MEDIA GROUP, LLC
DISPLACEMENT CHANNEL APPLICATION
WBXM-CD, MONTGOMERY, AL
LICENSED: CH 41, 1.25 KW-DIRECTIONAL, 160.3 m AMSL
PROPOSED: CH 16, 5.0 KW-DIRECTIONAL, 157.3 m AMSL**

This statement supports an application by L4 Media Group, LLC, licensee of WBXM-CD, requesting 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 16 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.

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 WBXM-CD 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.