

TECHNICAL SUMMARY

LOW POWER TELEVISION STATION W16CM-D
JASPER, ALABAMA
CHANNEL 25 15 KW 280 M AMSL

1. The instant application is a Special Displacement Window^{*} application for W16CM-D, currently on channel 16 at Jasper, Alabama (FCC File No. BLDTL-20090617AAW).
2. W16CM-D is eligible to file in the Special Displacement Window according to the following:
 - a. It has been licensed and operating since prior to April 13, 2017;[†] and,
 - b. It is subject to displacement due to predicted interference to the post-transition facility of W47EI-D (Class A), Birmingham, AL (Channel 16)(FCC File No. 0000027943), which exceeds the permissible 0.5% rounding tolerance.[‡]
 - c. An interference analysis for the licensed W16CM-D facility with respect to the W47EI-D post-transition facility is attached hereto to demonstrate eligibility.
3. An interference analysis for the proposed W16CM-D facility on Channel 25 was conducted using the FCC's *TVStudy* software. The results of this analysis are attached as an exhibit. The proposed facility meets the FCC's interference protection requirements with respect to all protected facilities based on the existing and post-transition allocation environments. It is noted that a higher resolution terrain profile point spacing of 0.1 km is requested for the interference analysis.

^{*} See FCC *Public Notice* dated February 9, 2018 entitled "Incentive Auction Task Force and Media Bureau Announce Post-Incentive Auction Special Displacement Window April 10, 2018 through May 15, 2018 and Make Location and Channel Data Available" (DA 18-124, MB Docket No. 16-306, GN Docket No. 12-268).

[†] See *Media Bureau Announces Date by Which LPTV and TV Translator Stations Must Be "Operating" In Order to Participate In Post-Incentive Auction Special Displacement Window, Public Notice*, 31 FCC Rcd 5383 (MB 2016).

[‡] The W16CM-D licensed facility would also be subject to over 24% interference received from the W47EI-D (Class A) Channel 16 post-transition facility. See Displacement Eligibility study.