

TECHNICAL SUMMARY

TELEVISION STATION WPXA-TV  
ROME, GEORGIA  
CHANNEL 16 687 KW (H), 171.8 KW (V) 596 M HAAT

1. The instant application is for an expanded facility for the authorized facility of WPXA-TV, Rome, GA (Channel 16).<sup>\*</sup> By means of this application the maximum effective radiated power (ERP) of WPXA-TV will be increased to 687 kW. There are no other changes proposed.

2. The proposed facility is compliant with the ‘largest station in the market’ provision of Section 73.622(f)(5) of the FCC Rules. It is proposed operate on Channel 16 with a maximum directional ERP of 687 kW and an antenna height above average terrain (HAAT) of 596 meters. These facilities exceed the normal maximum permissible facilities specified in Section 73.622(f)(8)(i) of the FCC Rules. However, the proposed facilities have been calculated in accordance with the largest station provision of Section 73.622(f)(5) of the FCC Rules. Specifically, the largest station in the Atlanta market is WIXA-TV, Atlanta, GA, Channel 10, which is licensed to provide noise-limited 36 dBu, f(50,90) service to an area of 38,400 square kilometers.<sup>†</sup> The proposed WPXA-TV operation is predicted to provide noise-limited 41 dBu, f(50,90) service to an area of 38,400 square kilometers.<sup>‡</sup> Therefore, the proposed WPXA-TV facility is compliant with the largest station provision of the FCC Rules.

3. The instant proposal is compliant with the interference protection requirements of the FCC Rules. The results the FCC’s *TVStudy* analysis are attached hereto as an exhibit.

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<sup>\*</sup> See FCC File No. 0000027423.

<sup>†</sup> WXIA-TV is licensed for operation with a non-directional ERP of 80 kW and an antenna HAAT of 303 m.

<sup>‡</sup> Clarification of the largest station provision is provided in the *Report and Order and Further Notice of Proposed Rule Making* in MM Docket No. 00-39 at paragraphs 73-74.