

**Supplement #1 to Technical Statement for  
Rancho Palos Verdes Broadcasters, Inc.  
DTV Maximization Construction Permit  
for Minor Change in a Licensed Facility:**

**KXLA-DT  
Channel 51  
Rancho Palos Verdes, CA**

**Application in File No. BPCDT-20090204AAC**

***Introduction***

This Technical Statement provides additional technical data and information requested by Commission staff with respect to the FCC Form 301 “Application for Construction Permit for Commercial Broadcast Station” of Rancho Palos Verdes Broadcasters, Inc., (“RPV”), in File No. BPCDT-20090204AAC, for Digital Television (DTV) facilities on Channel 51 in Rancho Palos Verdes, CA. In particular, it supplies information regarding the power and antenna height specified in the application and the resulting geographic coverage in comparison with that of the largest station within the same market. The instant application seeks a construction permit to enable maximization through alteration of the antenna pattern and height of KXLA-DT. Its location and maximum effective radiated power will remain unchanged.

***Power & Antenna Height Comparison***

Section 73.622(f)(5) of the Commission’s rules provides that “Licensees and permittees assigned a DTV channel in the initial DTV Table of Allotments may request an increase

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in either ERP in some azimuthal direction or antenna HAAT, or both, that exceed the initial technical facilities specified for the allotment in Appendix B of the *Memorandum Opinion and Order* (referenced in paragraph (c) of this section), up to the maximum permissible limits on DTV power and antenna height set forth in paragraph (f)(6), (f)(7), or (f)(8) of this section, as appropriate, or up to that needed to provide the same geographic coverage area as the largest station within their market, whichever would allow the largest service area.” The parameters specified for KXLA-DT in the application exceed the relevant provisions of §73.622(f)(8), but they meet the requirements with respect to the geographic coverage area of the largest station within the same market.

KXLA-DT is in the Los Angeles market. The largest coverage area of a station in the Los Angeles market appears to be that of KTLA-DT, which contains 53,911.367 km<sup>2</sup> within its predicted noise-limited (dipole-factor-adjusted) 40.4-dBu contour. The facilities proposed for KXLA-DT result in a predicted, noise-limited, 42.1-dBu contour containing an area of 47,958.621 km<sup>2</sup> – smaller than that of KTLA-DT. Thus, the facilities proposed for KXLA-DT do not exceed those of the largest station in the market and are permissible under the provisions of §73.622(f)(5).