

Section 73.622 Maximum DTV Power Compliance

The Effective Radiated Power (ERP) and antenna Height Above Average Terrain (HAAT) combination proposed herein exceeds the DTV power limits set forth in Section 73.622(f)(7) of the FCC Rules for Hi-VHF Stations. However, as demonstrated below, in accordance with Section 73.622(f)(5) of the FCC Rules, the applicant herein requests 50 kW ERP in order to provide the same or lesser geographic coverage area as the largest station in the market.

Largest Station in the Market:

KTTV-DT, Los Angeles, CA (Channel 11, Facility ID 22208)
36 dBu F(50,90) Noise Limited Contour Geographical Land Area = 42,880 sq. km.

Instant Proposal

KABC-DT, Los Angeles, CA (Channel 7 Maximization Application, Facility ID 282)
36.0 dBu F(50,90) Noise Limited Contour Geographical Land Area = 41,370 sq. km