

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 19 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:

KREN-TV, Reno, NV (Channel 26, Facility ID 51493)
39.95 dBu F(50,90) Noise Limited Contour Geographical Area = 49,253.1 sq. km.

Instant Proposal

KRNV-DT, Reno, NV (Channel 12 Maximization Application, Facility ID 60307)
36.0 dBu F(50,90) Noise Limited Contour Geographical Area = 48,551.6 sq. km