

Section 73.622 Maximum DTV Power Compliance

The proposed 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)(8) of the FCC Rules for UHF Stations. However, as demonstrated below, in accordance with Section 73.622(f)(5) of the FCC Rules, the applicant herein requests the maximum allowable UHF DTV power of 1000 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:

WMTW-DT, Poland Springs, ME (Channel 8, Facility ID 73288)
36.0 dBu F(50,90) Noise Limited Contour Geographical Area = 47,569.7 sq. km.

Instant Proposal

WGME-TV, Portland, ME (Channel 15 Maximization Application, Facility ID 25683)
38.8 dBu F(50,90) Noise Limited Contour Geographical Area = 44,818.6 sq. km