

**Proposed Danbury, Connecticut Translator on Channel 297.**

**Section 74.1204 Contour Studies to Pertinent Co-Channel and Adjacent Channel Facilities.**

All facilities not meeting the spacing requirements of Section 73.202 were studied. These are:

<u>Call Sign</u>	<u>Location</u>	<u>Channel No.</u>
WEBE	Westport, CT	300B
WRWD-FM	Highland, NY	297A
WAAF	Worcester, MA	297B
WXPB	Briarcliff Manor, NY	296A
WBLS	New York, NY	298B

The attached figures illustrate the absence of prohibited overlap between the proposed translator interfering contour and the pertinent service contours.

The proposed facility lies inside the 54 dBu service contour of WEBE. The proposed facility will operate with a maximum ERP of 0.01 kW at an HAAT of 137.7 meters, with a maximum height of 195.5 meters above the 30 degree cardinal radial. The 94 dBu F(50,10) interfering contour of the proposed facility along this worst case radial will extend 0.443 km. from the antenna, based on the Commission's free space equation. As shown in the attached figure, obtained from a current USGS topographical map of the area, there are no residences within 0.443 km. of the proposed site.

The applicant therefore believes that the instant application meets the requirements of Section 74.1204(d) with respect to "other factors" insuring no actual interference to WEBE.

Nevertheless, as required by the Commission's Rules, in the event of any complaints that the proposed translator interferes with reception of WEBE, the applicant will take the required steps to eliminate the interference, including, if necessary, reducing power or cessation of translator operation.