

R. M. SMITH ASSOCIATES

BROADCAST TECHNICAL CONSULTANTS
4267 NW FEDERAL HIGHWAY #120 - JENSEN BEACH, FL 34957
(772) 335-0688 FAX (772) 335-1438
E-MAIL Rmsradio@aol.com

**NEW TRANSLATOR - CHANNEL 230 - CENTERVILLE, MA
FOR WNCK(FM) - NANTUCKET, MA**

INTERFERENCE EXHIBIT

The proposed facility was examined for its ability to generate prohibited interference with existing and proposed stations. Two stations, WDTV(FM), 228A, Harwich Port, MA, (Facility ID 29570) and WHJY(FM), 231B, Providence, RI, (Facility ID 72298) warranted detailed study.

Included in this Exhibit is a plot of the 54 dBu f(50,50) and 54 dBu f(50,10) contour of WHJY(FM) and 48 dBu f(50,10) and 60 dBu f(50,50) contours of the proposed translator. Also include is a plot of the 60 dBu f(50,50) and 100 dBu f(50,10) contour of WDTV(FM)) and 100 dBu f(50,10) and 60 dBu f(50,50) contours of the proposed translator.

As shown:

1. The 48 dBu contour from the proposed translator does not overlap the 54 dBu contour of WHJY(FM).
2. The 100 dBu contour from the proposed translator does not overlap the 60 dBu contour of WDTV(FM).
3. Neither of the studied facilities' interference contours overlaps the 60 dBu contour from the proposed translator.

The proposed translator meets all spacing requirements to stations separated by 53 or 54 channels from the proposed channel.