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NEW TRANSLATOR - CHANNEL 296 - CONCORD, NH FOR WTPL(FM) - HILLSBORO, NH

INTERFERENCE EXHIBIT

The proposed facility was examined for its ability to generate prohibited interference with existing and proposed stations. Only two stations, WERZ(FM), 296A, Exeter, NH, (Facility ID 53385) and WZSH(FM), 296A, Bellows Falls, VT, (Facility ID 69493) warranted detailed study.

WERZ(FM) has a licensed facility and a CP for a modified facility at a new location. Both facilities were studied.

WZSH(FM) has a licensed facility and a CP for a modified facility at the licensed site. The CP has a higher ERP at the same antenna height so only the CP study is included in this Exhibit.

Included in this Exhibit are plots of the protected, 60 dBu f(50,50), contours and interfering, 40 dBu f(50,10) contours of the three facilities and the proposed translator.

As shown:

1. The 40 dBu contour from the proposed translator does no overlap the 60 dBu contour of any of the other facilities.
2. The 40 dBu contour from the WZSH(FM) facility does not overlap the 60 dBu contour of the proposed translator.
3. The 40 dBu contour of both the WERZ(FM) licensed and CP facilities does overlap the proposed 60 dBu contour of the proposed translator. Such overlap is not prohibited by 47 CFR 74.1240. The intervening terrain between the WERZ(FM) antenna sites and the city of Concord will prevent interference from WERZ(FM) to the proposed translators coverage area.

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