

Exhibit 13
Mansfield Christian School
NCE FM Translator Interference to
Television Channel 6
Ashland, Ohio

The purpose of this exhibit is to show compliance with §74.1205 of the Commission's Rules. The Rules require that an applicant proposing operation on FM Channel 216, whose antenna location is less than 133 kilometers from a television Channel 6 facility, furnish a map and an engineering statement, with calculations, demonstrating compliance with the Rules with regard to interference to the reception of television channel 6. The applicant proposes to locate its antenna within range of the following TV 6 station:

WSYX - 119.7 km distant

First, the relative HAAT figures were generated using the NGDC 30 Second Database and the data from the FCC TV Database. The distance to the 47 dBu contours were predicted according to the procedures specified in §73.684 of the Commission's Rules, "Prediction of Coverage," using the F(50,50) curves in Figure 9 of §73.699.

A plot of the proposed modified NCE-FM translator 80 dBu F(50,10) interfering contour to the Television Channel 6 47 dBu F(50,50) protected contour may be seen as Figure 1 of this exhibit, note that these contours do not overlap. Therefore, it may be concluded that the proposed modified NCE FM translator station will not cause any interference to the reception of TV-6, and the application complies with §74.1205 of the Commission's Rules as pertains to interference to the reception of TV Channel 6 by NCE-FM translator stations.

[illegible]

 State Borders
  City Borders
  Lat/Lon Grid