

**Exhibit 19**  
**Northeast Gospel Broadcasting Inc.**  
**NCE FM Interference to Television Channel 6**  
**Petersham, Massachusetts**

The purpose of this exhibit is to show compliance with §73.525 of the Commission's Rules. The Rules require that an applicant proposing operation on FM Channel 217 must be 174 kilometers from a television Channel 6 facility.

There are two affected TV 6 stations.

1. WLNE-TV - 128 km distant
2. WRGB - 147 km distant

First, the relative HAAT figures were generated for the above stations using the NGDC 30 Second Database and the data from the FCC TV Database. The distance to the 47 dBu contour was 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.

The applicant chooses to use circular polarization and adjustments for vertical only polarization or television receiving antenna directivity have not been utilized.

A table of the proposed NCE-FM F(50,10) interfering contour to the television channel 6 F(50,50) protected contour may be seen as Table 1 of this exhibit.

A plot of the proposed NCE-FM stations' 76.0 dBu F(50,10) interfering contour to 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 NCE FM station will not cause any interference to the reception of TV-6, and the application complies with §73.525 of the Commission's Rules as pertains to interference to the reception of TV Channel 6 by NCE-FM stations.

**Exhibit 19 Table 1**  
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**NCE FM Interfering Contour to TV 6**  
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<b>TV Contour dB</b>	<b>U/D Ratio dB</b>	<b>FM Contour dB</b>
<b>47.0</b>	<b>29.0</b>	<b>76.0</b>

### Showing of No Overlap to TV 6



**Exhibit 19 Figure 1**  
**Northeast Gospel Broadcasting Inc.**  
**Showing of No Overlap**  
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 State Borders
  City Borders
  Lat/Lon Grid