

Exhibit 21 Page 1
Community Public Radio, Inc.
NCE FM Interference Area to TV 6
Greensboro, Georgia

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 210, whose antenna location is less than 196 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. There is one affected TV 6 station.

1. WCES-DT - 80 km distant

Therefore, WCES-DT must receive consideration.

First, the relative HAAT figures were generated for WCES-DT using the NGDC 30 Second Database and the data from the FCC TV Database. The distances to the WCES-DT 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.

For each WCES-DT television channel 6 field strength contour, the associated F(50,10) FM interference contour was obtained from Figure 1 of §73.599. The distances to the applicable NCE-FM interference contours were predicted according to the procedures specified in "Prediction of Coverage," using the F(50,10) curves in Figure 1 of §73.333 of the Rules. Radials were then computed every 5 degrees from the proposed NCE-FM site to the point at which interference stops occurring.

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A table of the proposed NCE-FM F(50,10) interfering contours to the WCES-DT television channel 6 F(50,50) protected contours may be seen as Table 1 of this exhibit. A map of the interference area appears as Figure 1 of this exhibit.

These calculations are based on the appropriate F(50,50), F(50,10) and FM/TV 6 protection ratio curves for an NCE-FM station operating with facilities of .630 kilowatts ERP at 95 meters HAAT. Free space calculations were used when computing the field strength for distances less than 1 mile.

A map of the proposed new NCE-FM F(50,10) interfering contours to the WCES-DT television channel 6 F(50,50) protected contours may be seen as Figure 1 of this exhibit. The total area receiving interference is 145 square kilometers within the WCES-DT protected contour. The total population (2000 Census) receiving interference is 1,570 persons.

The population receiving interference is less than 3,000 persons.

Because the population receiving interference is less than 3,000 persons, 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 21 Table 1
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TV Contour dB	U/D Ratio dB	FM Contour dB
47.0	20.75	67.75
48.5	18.00	66.50
49.5	17.00	66.50
50.5	15.50	66.00
51.5	14.50	66.00
52.5	13.50	66.00
53.5	12.50	66.00
54.5	11.50	66.00

Overlap with WCES-DT

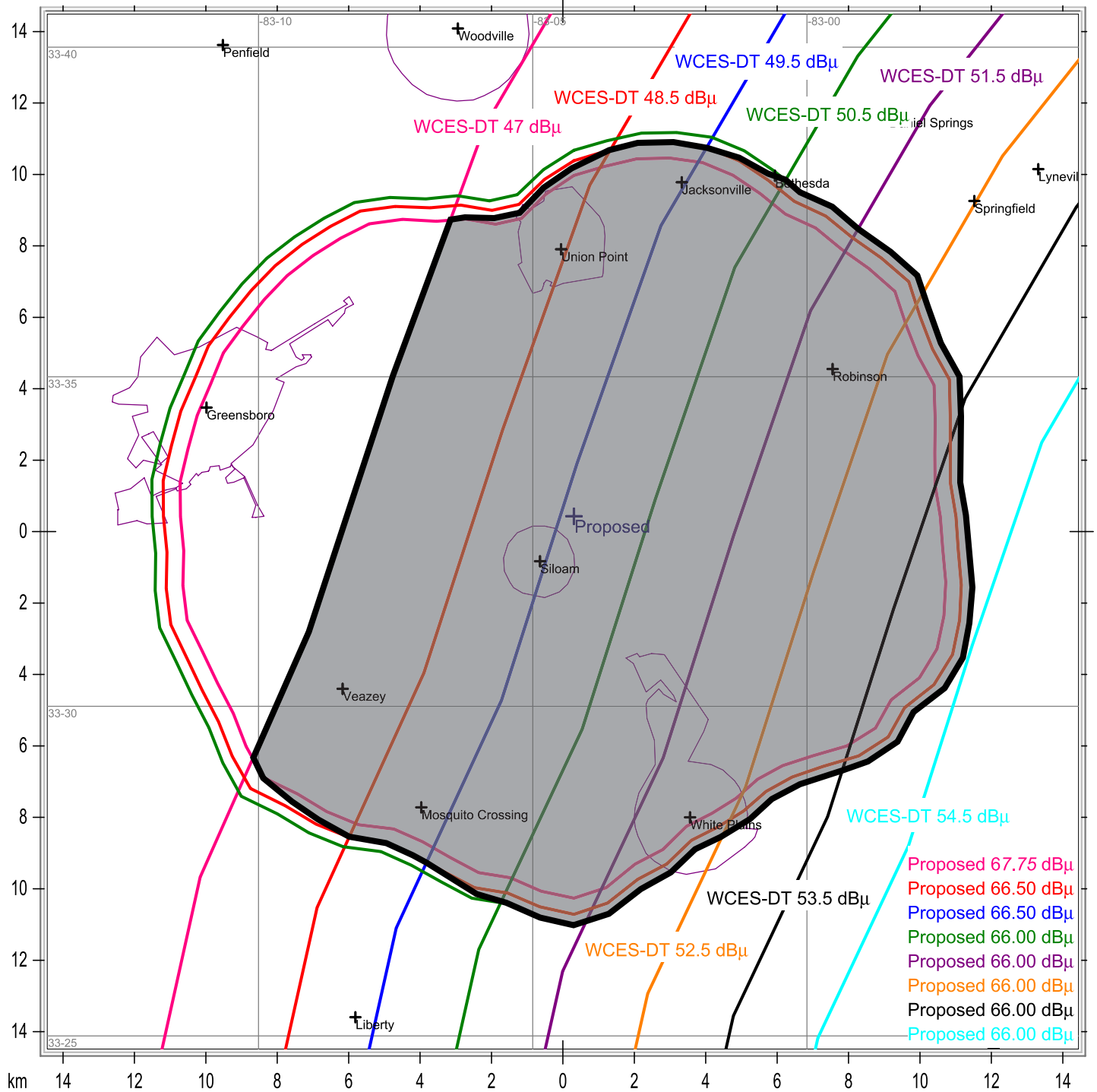


Exhibit 21 Figure 1
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Greensboro, Georgia

State Borders City Borders Lat/Lon Grid