

TEL-DODGE BROADCASTING, INC.

MILAN, GEORGIA

FCC F(50,50) AND LONGLEY-RICE COVERAGE OF PRINCIPAL  
COMMUNITY

This amendment is being filed to further compare the principal community coverage by the FCC f(50,50) signal strength contour and by the prediction of signal strength coverage by the Longley-Rice method of propagation analysis.

Figure 3A shows the f(50,50) contour and a "bracket" around the town of Milan that represents the distance to the nominal extremity of the coverage by the Longley-Rice method. The distance from the transmitter to the f(50,50) 70 dBu contour is 32 kilometers, while the distance to the extremity of the Longley-Rice 70 dBu coverage is 42 kilometers. (See figures 1 and 2 for placement of the Longley-Rice coverage.)

The increase in the distance to the Longley-Rice 70 dBu over the f(50,50) 70 dBu is 131 percent.

The 70 dBu coverage as predicted by the Longley-Rice method covers 94.6 percent of the area of Milan as measured by planimeter.

