

NEW, Mena, AR FAC# 766587
Method of Calculating Technical Parameters
11/1/2021

The new area served (570.6 km²) and the population served (12,451) listed in technical parameters were calculated using ComStudy 2.2 with U.S. Census 2010 population data. The parameters of the study are listed below in Figure 1.

The area served and the population served within the 60 dBμ F(50,50) contour were calculated as listed in Figure 2.

Param	Value [m]	Terrain	dBBase
AGL	34.00		9.00
G-AMSL	356.00	355.00 m	1725.00
RC-AMSL	390.00		1734.00
HAAT	31.10	31.10	139.30

Figure 1. Technical Parameters of Study

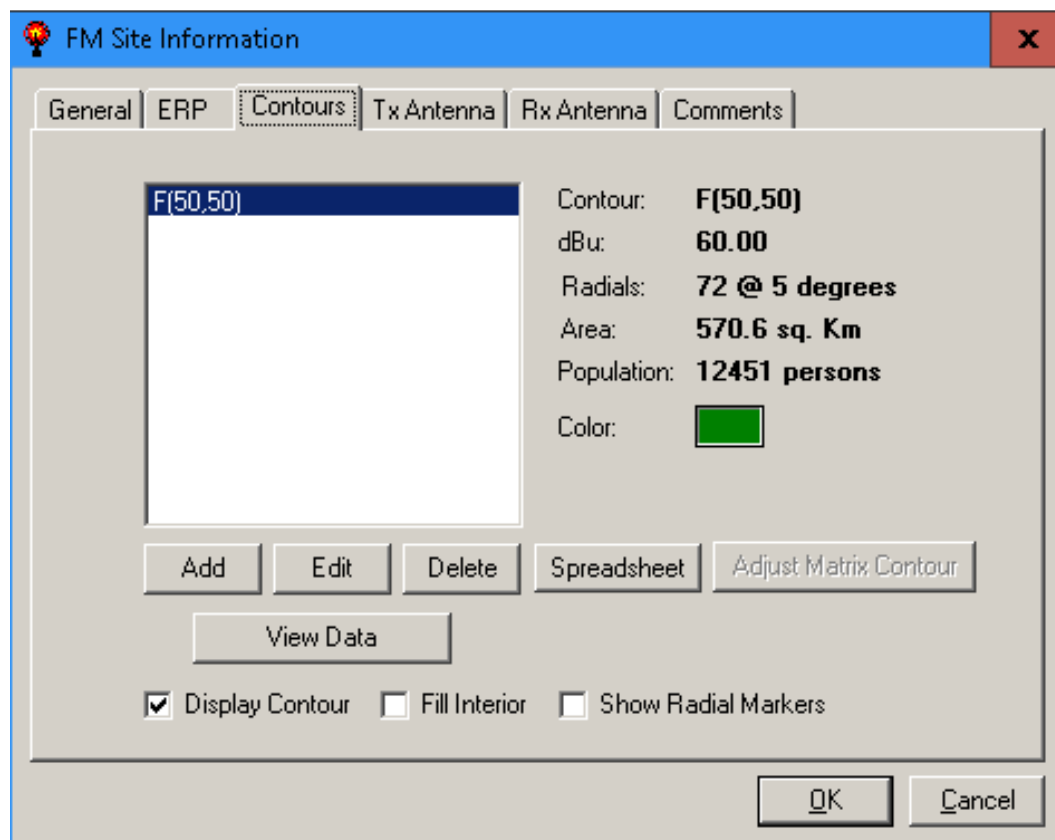


Figure 2. Area and Population Calculations within 60 dBμ F(50,50) contour.