

NEW, Pinetop-Lakeside, AZ FAC# 768603
Method of Calculating Technical Parameters
11/8/2021

The new area served (4385.6 km^2) and the population served (27,348) 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 $60 \text{ dB}\mu \text{ F}(50,50)$ contour were calculated as listed in Figure 2.

FM Site Information

General		ERP	Contours	Tx Antenna	Rx Antenna	Comments
Call Sign	ASR# 1008962					
Licensee	Advance Ministries					
Latitude	34-03-02.3 N	Radius:				
Longitude	109-34-04.3 W					
ERP	10.00	kW				
Frequency	91.7	MHz	Ch 219			
City	Pinetop-Lakeside					
State	AZ	County				
Country						
Format	Unknown or New CP					
		Param	Value [m]	Terrain	dBase	
		AGL	50.00		N/A	
		G-AMSL	2814.00		N/A	
		RC-AMSL	2864.00		N/A	
		HAAT	134.33	134.33	N/A	
		Class	C3			
		Modulation Type	4 FM all +/- 2.5 KH			
		Time delay shift	0	μs		
		ARN				
		Status	APP			
		MLS Color		<input checked="" type="checkbox"/> Is Protected		
		OK	Cancel			

Figure 1. Technical Parameters of Study

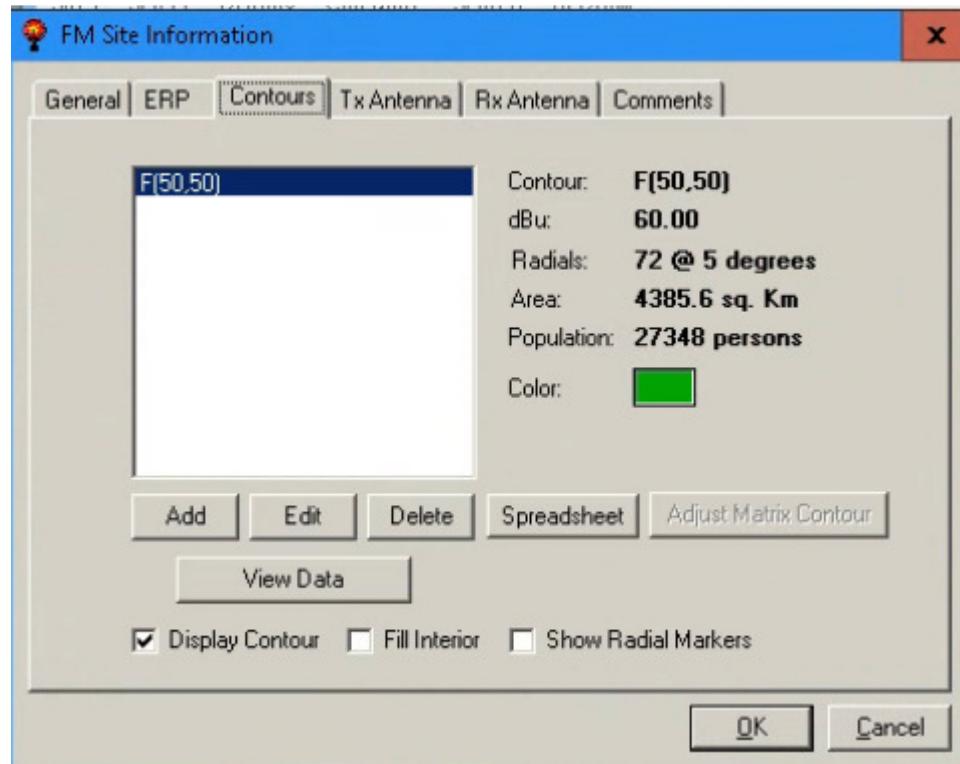


Figure 2. Area and Population Calculations within 60 dB μ F(50,50) contour.