

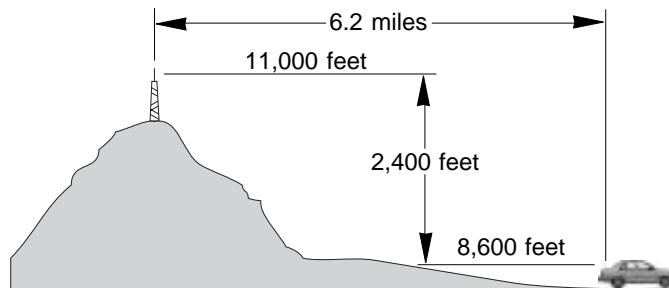
Formula

$$\text{angle} = \tan^{-1} \left(\frac{(h_1 - h_2)}{d} \right)$$

Where: h_1 = Elevation of the base antenna (ft)
 h_2 = Elevation of the mobile antenna (ft)
 d = Distance (ft)

Example

1 mile = 5,280 ft
6.2 miles x 5,280 = 32,736 ft
2400 ÷ 32,736 = 0.0733138
 $\tan^{-1}(0.0733138) = 4.2$ degrees



All specifications are subject to change without notice