

## Antenna Height Above Average Terrain Summary

### Input Data

Latitude **34° 27' 56.3"** North  
Longitude **119° 40' 37.2"** West (NAD 27)

Height of antenna radiation center above mean sea level: **652.6** meters AMSL

Number of Evenly Spaced Radials = **8**      0° is referenced to True North

### Results

Antenna Height Above Average Terrain (HAAT) calculated  
using the GLOBE 1-km Base Elevation Database

**HAAT = 238 meters**

Directions in which part of the 3 to 16 km radial extends over a large body of water:

**135°, 180° and 225°**

### Individual "Radial HAAT" Values (meters)

0°	-43.5 m
45°	-82.4 m
90°	-224.3 m
135°	557.6 m*
180°	606.1 m*
225°	575.6 m*
270°	463.9 m
315°	33.8 m

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\* Only that part of the radial that extends from 3 km to the outermost portion of land was used per 73.313(d)(2).