

## Antenna Height Above Average Terrain Calculations -- Results

### Input Data

Latitude **41° 50' 27" North**

Longitude **73° 59' 25" West (NAD 27)**

These coordinates convert to NAD 83 coordinates of  
41° 50' 27.33", North, 73° 59' 23.50" West (NAD 83).

Height of antenna radiation center above mean sea level: **279 meters AMSL**

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

### Results

Calculated HAAT = **187 meters**

Antenna Height Above Average Terrain calculated  
using FCC 30 second terrain database (continental USA only)

#### Individual "Radial HAAT" Values, in meters

0°	203.0 m
45°	208.7 m
90°	175.1 m
135°	195.5 m
180°	137.9 m
225°	190.8 m
270°	206.2 m
315°	177.3 m

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