

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **33° 26' 22.1" North**

Longitude **111° 36' 23.8" West (NAD 27)**

These coordinates convert to NAD 83 coordinates of
33° 26' 22.27", North, 111° 36' 26.29" West (NAD 83).

Height of antenna radiation center above mean sea level: **545 meters AMSL**

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

Results

Calculated HAAT = **7 meters**

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

Individual "Radial HAAT" Values, in meters

0°	-23.1 m
45°	-149.4 m
90°	-185.8 m
135°	43.0 m
180°	94.9 m
225°	122.0 m
270°	109.9 m
315°	46.9 m

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