

Antenna Height Above Average Terrain Calculations -- Results

Input Data

Latitude **29° 26' 41.9"** North

Longitude **98° 29' 37.1"** West (NAD 27)

These coordinates convert to NAD 83 coordinates of
29° 26' 42.74", North, 98° 29' 38.16" West (NAD 83).

Height of antenna radiation center above mean sea level: **245.6** meters AMSL

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

Results

Calculated HAAT = **19 meters**

Antenna Height Above Average Terrain calculated
using 1 km [GLOBE terrain data](#)

Individual "Radial HAAT" Values, in meters

0°	-16.6 m
45°	6.1 m
90°	32.4 m
135°	48.9 m
180°	58.7 m
225°	37.5 m
270°	15.6 m
315°	-27.9 m

Print Results?

New Calculation?