

Copy of HAAT Calculation (GLOBE 1 KM; fcc.gov)



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Audio Division

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Antenna Height Above Average Terrain (HAAT) / Contour Calculations

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Antenna Height Above Average Terrain Calculations -- Input

Latitude **43 30 57.0 North**
Longitude **84 32 45.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **519.0** meters

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

Results:

Calculated HAAT= 304. meters

(Antenna Height Above Average Terrain)
using 1 km GLOBE terrain data)

Antenna Radiation Center Heights Above Individual Radials:

0.0°	311.5 meters
45.0°	319.1 meters
90.0°	315.3 meters
135.0°	305.6 meters
180.0°	300.6 meters
225.0°	291.9 meters
270.0°	290.1 meters
315.0°	301.6 meters

New Antenna Height Above Average Terrain (HAAT) calculation?

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