



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 **40 42 2.0 North**
Longitude **73 24 22.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **59.0** meters

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

Results:

Calculated HAAT= 45. meters

(Antenna Height Above Average Terrain)
using the 30 second FCC/NGDC terrain data)

Antenna Radiation Center Heights Above Individual Radials:

0.0°	21.9 meters
45.0°	38.7 meters
90.0°	55.2 meters
135.0°	58.7 meters
180.0°	58.8 meters
225.0°	56.8 meters
270.0°	49.0 meters
315.0°	21.1 meters

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