



## Audio Division

(202)-418-2700

### Antenna Height Above Average Terrain (HAAT) / Contour Calculations

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## Antenna Height Above Average Terrain Calculations -- Input

Latitude **29 59 14.0 North**  
 Longitude **97 2 38.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **207.0** meters

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

## Results:

**Calculated HAAT= 100. meters**

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

### Antenna Radiation Center Heights Above Individual Radials:

0.0°	89.4 meters
45.0°	90.4 meters
90.0°	117.2 meters
135.0°	112.6 meters
180.0°	103.1 meters
225.0°	94.0 meters
270.0°	103.3 meters
315.0°	88.7 meters

## New Antenna Height Above Average Terrain (HAAT) calculation?

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Federal Communications Commission  
 445 12th Street SW  
 Washington, DC 20554  
[More FCC Contact Information...](#)

Phone: 1-888-CALL-FCC (1-888-225-5322)  
 TTY: 1-888-TELL-FCC (1-888-835-5322)  
 Fax: 1-866-418-0232  
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