

Supplemental HAAT Calculation as taken from fcc.gov(HAAT module)



[FCC Home](#) | [Search](#) | [Updates](#) | [E-Filing](#) | [Initiatives](#) | [For Consumers](#) | [Find People](#)

Audio Division

(202)-418-2700

Antenna Height Above Average Terrain (HAAT) / Contour Calculations

[FCC](#) > [MB](#) > [Audio Division](#) > [HAAT/Contour Calculations](#)

[FCC site map](#)

Antenna Height Above Average Terrain Calculations -- Input

Latitude **47 30 1.0 North**
Longitude **92 52 14.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **523.0** meters

Number of Evenly Spaced Radials = 12 0° is referenced to True North

Results:

Calculated HAAT= 68. meters

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

Antenna Radiation Center Heights Above Individual Radials:

0.0°	70.6 meters
30.0°	63.8 meters
60.0°	43.8 meters
90.0°	52.2 meters
120.0°	85.5 meters
150.0°	91.7 meters
180.0°	87.7 meters
210.0°	66.4 meters
240.0°	30.8 meters
270.0°	64.6 meters
300.0°	77.2 meters
330.0°	76.2 meters

New Antenna Height Above Average Terrain (HAAT) calculation?

[FCC Home](#) | [Search](#) | [RSS](#) | [Updates](#) | [E-Filing](#) | [Initiatives](#) | [Consumers](#) | [Find People](#)

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
E-mail: fccinfo@fcc.gov

- [Privacy Policy](#)
- [Website Policies & Notices](#)
- [Required Browser Plug-ins](#)
- [Freedom of Information Act](#)