

**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 **40 5 0.0 North**  
Longitude **75 10 55.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **175.0** meters

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

**Results:****Calculated HAAT= 105. meters**

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

**Antenna Radiation Center Heights Above Individual Radials:**

0.0°	85.2 meters
30.0°	89.6 meters
60.0°	95.2 meters
90.0°	115.0 meters
120.0°	131.0 meters
150.0°	134.6 meters
180.0°	128.5 meters
210.0°	99.7 meters
240.0°	74.7 meters
270.0°	115.9 meters
300.0°	101.4 meters
330.0°	94.8 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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