

**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 16 15.0 North**
Longitude **75 14 55.0 West** (NAD 27)

Height of antenna radiation center above mean sea level [RCAMSL] = **189.0** meters

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

Results:**Calculated HAAT= 74. meters**

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

Antenna Radiation Center Heights Above Individual Radials:

0.0°	39.0 meters
30.0°	27.8 meters
60.0°	79.0 meters
90.0°	105.1 meters
120.0°	89.3 meters
150.0°	80.5 meters
180.0°	82.2 meters
210.0°	78.0 meters
240.0°	102.0 meters
270.0°	96.1 meters
300.0°	69.7 meters
330.0°	38.8 meters

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