



A.H. Systems, Inc.

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SAS-590-12

Octave Horn Antenna

4 GHz – 8 GHz

This Octave horn antenna has medium gain and low VSWR; excellent for both immunity and emissions testing.



Frequency Range: 4 GHz – 8 GHz

Antenna Factor: 30 dB/m typical

Gain: 15.5 dBi typical

Maximum CW Power: 200 Watts

Max Radiated Field: 500 V/m

Impedance: 50 Ω

VSWR: 1.2:1 (1.5:1 max)

Connector: WR-159 to N-Type female adapter

Features

- Frequency Range of 4 GHz to 8 GHz
- Linearly Polarized
- Individually Calibrated
- Three year Warranty

Our SAS-590-12 octave horn antenna covers the octave bandwidth of 4 - 8 GHz. With high gain and low VSWR, this octave horn antenna can be used to generate fields in excess of 200 V/m. One advantage to the Octave horn antennas is that the half power beamwidths are equal in both the horizontal and vertical polarities and is ideal for compliance testing.

Recommended Accessories

- ATU-510 (Antenna Tripod Unit, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- SAC-18G-3 (3 Meter Low Loss Cable)



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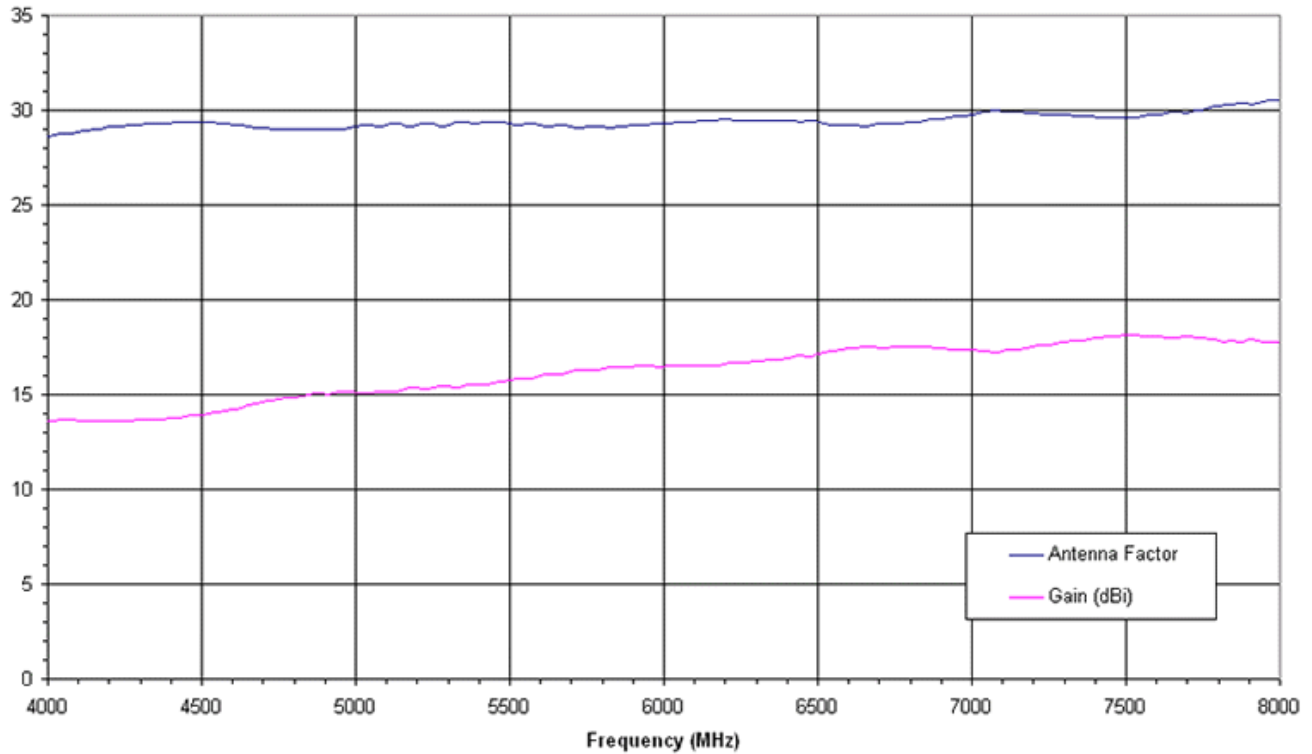


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Octave Horn Antenna
Model: SAS-590-12



Physical Dimensions:

Width: 4 in. (10.3 cm)
Height: 5.4 in. (13.8 cm)
Length: 9 in. (23 cm)
Weight: 1.3 lb.'s (0.6 kg)