



## A.H. Systems, Inc.

9710 Cozycroft Ave.  
Chatsworth, CA 91311



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www.AHSystems.com

## SAS-590-10

### Octave Horn Antenna

1 GHz – 2 GHz

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



Frequency Range: 1 GHz – 2 GHz

Antenna Factor: 19.8 dB/m typical

Gain: 14 dBi typical

Maximum CW Power: 300 Watts

Impedance: 50  $\Omega$

VSWR: 1.2:1 (1.5:1 max)

Connector: WR-650 to N-Type female adapter

### Features

- Frequency Range of 1 GHz to 2 GHz
- Linearly Polarized
- Individually Calibrated
- Three year Warranty

One advantage to the Octave horn antennas is that the half power beamwidths are equal in both the horizontal and vertical polarities which makes them ideal for radiated immunity testing.

### Recommended Accessories

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

### Physical Dimensions:

Width: 16.6 in. (42.3 cm)

Height: 22.2 in. (56.3 cm)

Length: 25.7 in. (65.0 cm)

Weight: 12.8 lb.'s (5.8 kg)



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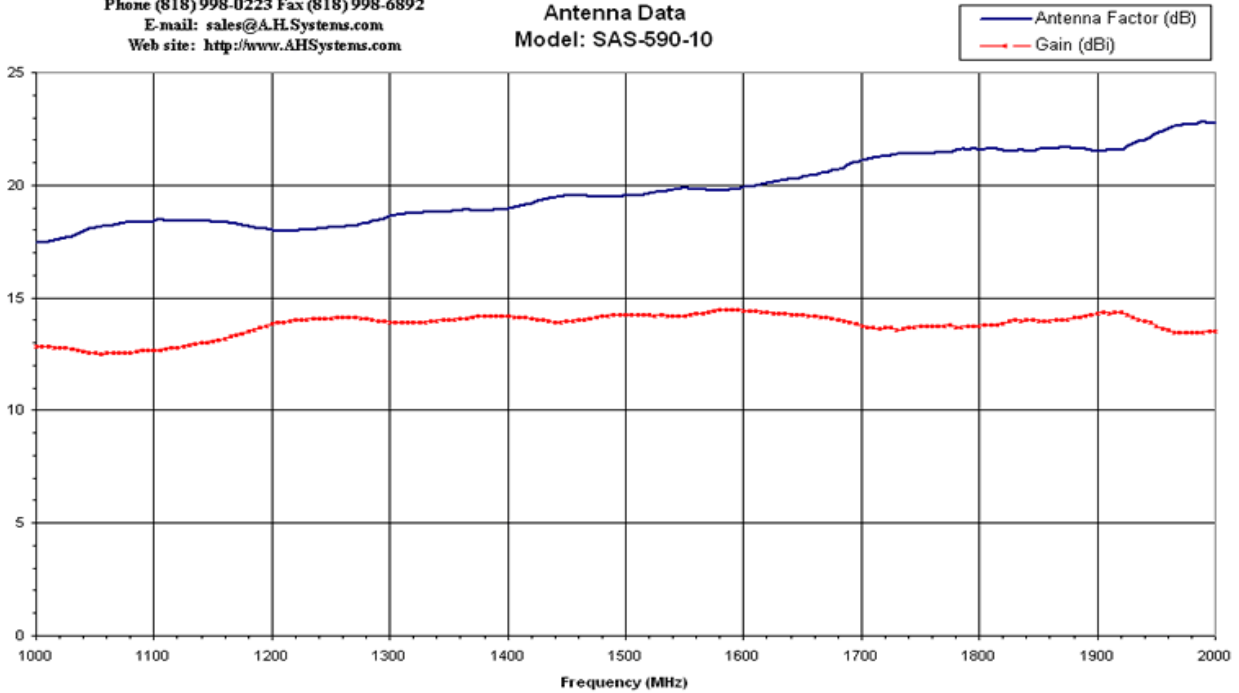
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### Antenna Data Model: SAS-590-10



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### Antenna VSWR Model: SAS-590-10

