



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223



sales@AHSystems.com

Fax: (818) 998-6892



www.AHSystems.com

SAS-512-2

Log Periodic Antenna

190 MHz – 2 GHz

Constructed of lightweight aluminum, this Log Periodic Antenna has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities.



Frequency Range: 190 MHz - 2000 MHz

Antenna Factor: 11 to 30 dB/m

Average Gain: 6.7dBi

Maximum Continuous Power: 1000 Watts

Max Radiated Field: 200 V/m

Pattern Type: directional

Impedance: 50 Ω

Connector: N-Type, female

Mounting Base: 1/4 - 20 Thread, female

Features

- Frequency Range of 190 MHz to 2000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The A.H. Systems' SAS-512-2 antenna is lightweight, compact and has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through its frequency range.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0202 (30 dB Preampfier)
- LPM-510 (Log Periodic Tripod Mount)



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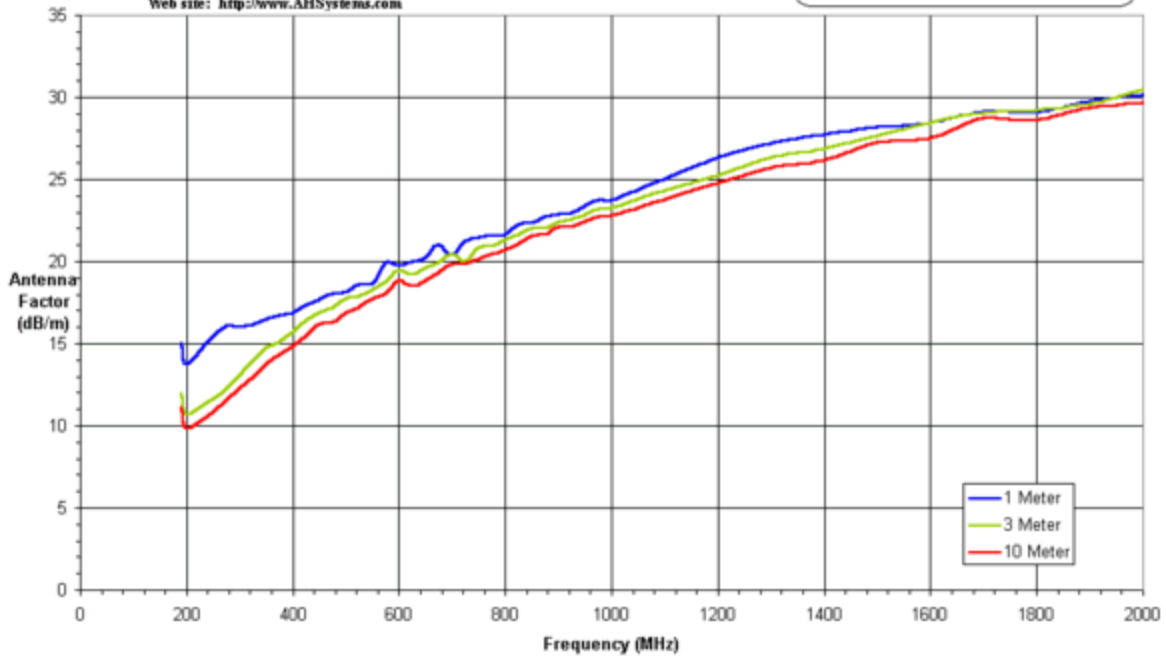
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Antenna Factor Model SAS-512-2

Conversion of meter reading
to field strength:
 $\text{dBuV/m} = \text{dBuV} + \text{AF} + \text{cable loss}$



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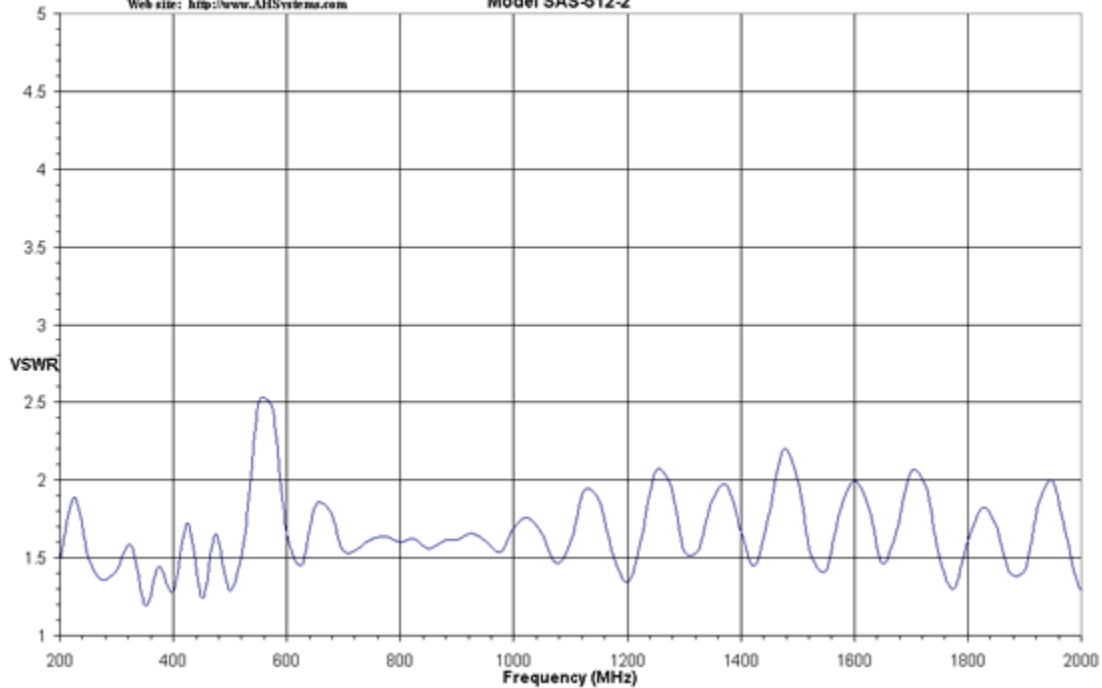
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VSWR Log Periodic Antenna Model SAS-512-2

Average VSWR 1.62





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Physical Dimensions

Length: 33.2 in. (84.4 cm)

Width: 29.5 in. (74.9 cm)

Weight: 2.2 lb.'s (1 kg)