



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-512-4

Log Periodic Antenna

190 MHz – 4 GHz

This linear polarized broadband directional antenna excellent for both immunity and emissions testing.



Frequency Range: 190 MHz - 4000 MHz

Antenna Factor: 11 to 37 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 4000 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-512-4 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-0204 (25 dB Preamp)
- LPM-510 (Log Periodic Tripod Mount)



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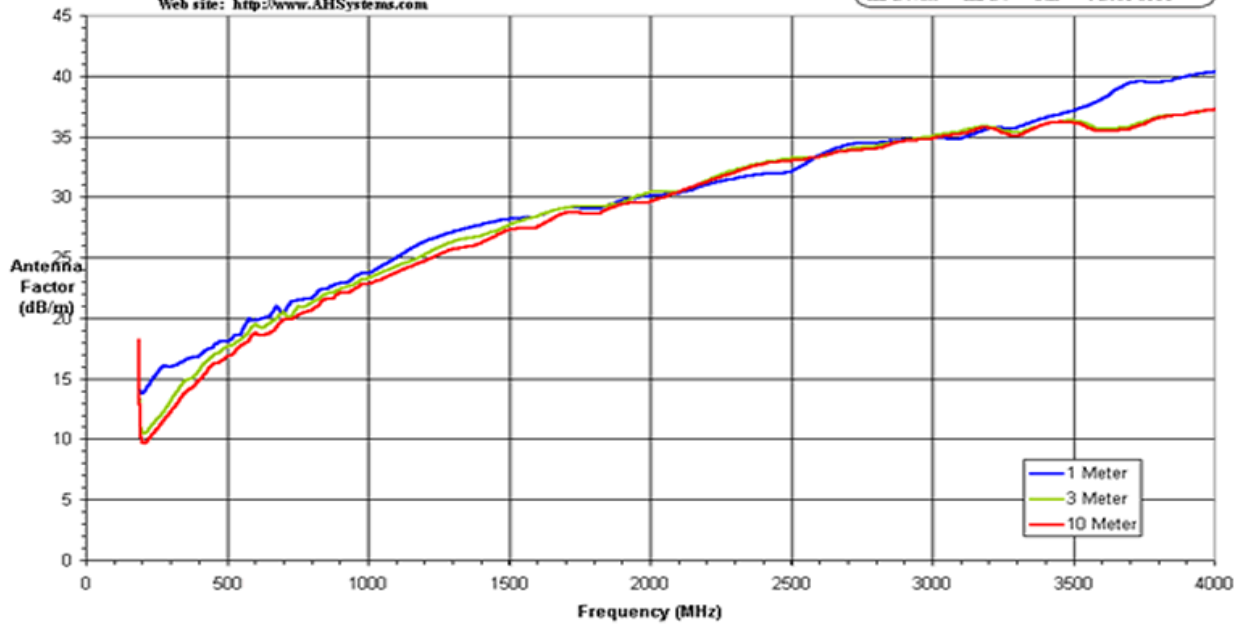
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Web site: <http://www.AHSystems.com>

Antenna Factor Model SAS-512-4

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



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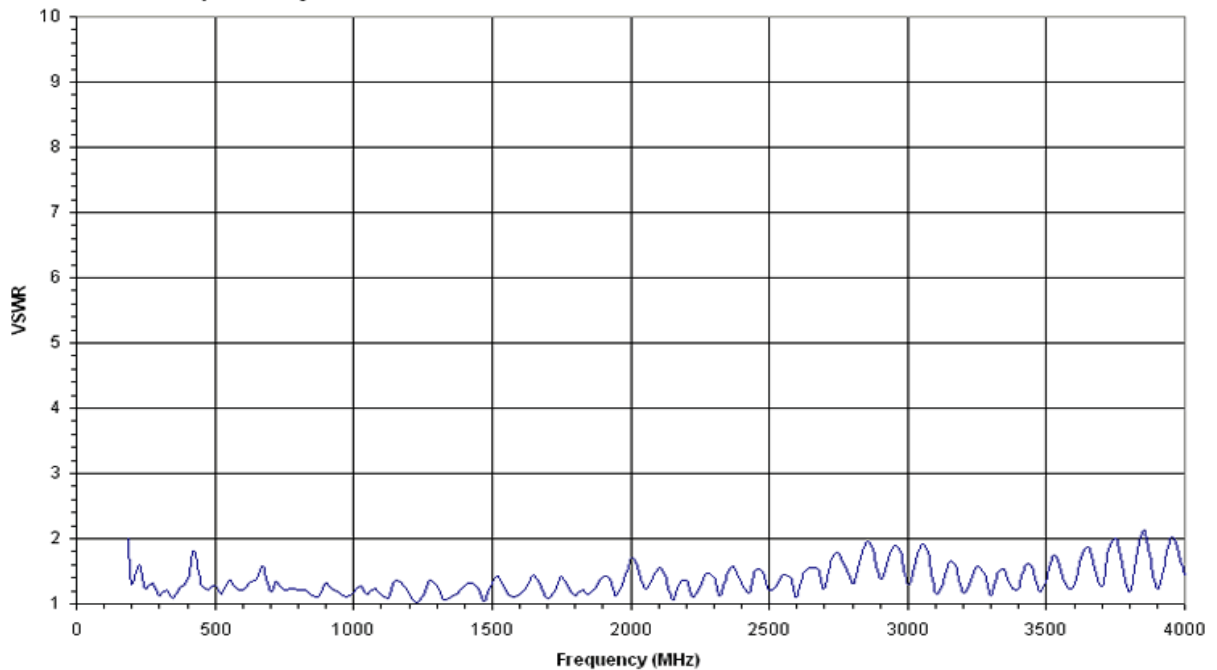
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VSWR Log Periodic Antenna Model: SAS-512-4





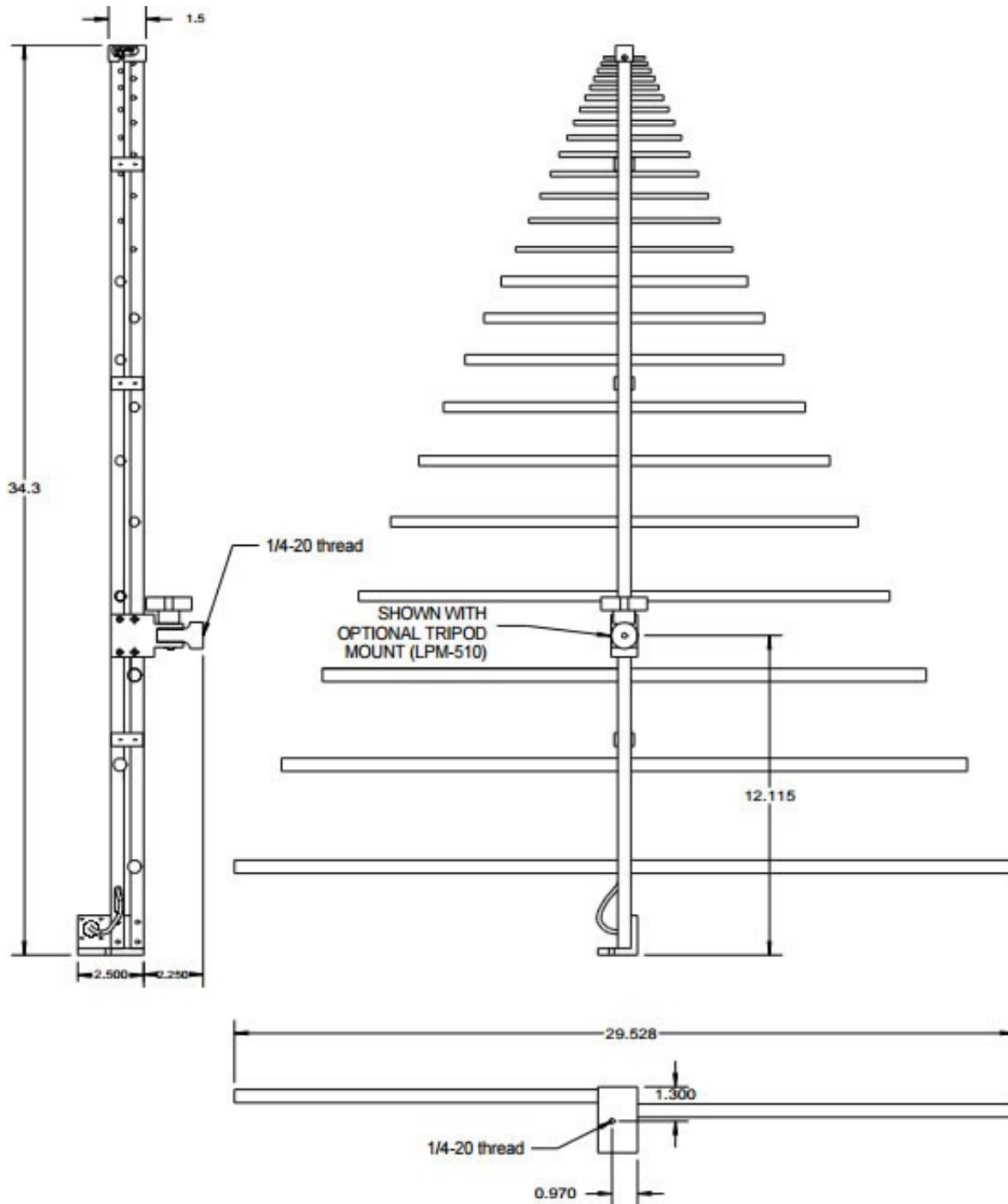
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Physical Dimensions

Length: 34.3 in. (87.1 cm)
Width: 29.5 in. (74.9 cm)
Weight: 2.3 lb.'s (1.04 kg)