



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223



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www.AHSystems.com

SAS-519-4

Log Periodic Antenna

650 MHz – 4 GHz

Lightweight broadband Log Periodic Antenna
designed for communication and wireless
testing.



Frequency Range: 650 MHz - 4000 MHz

Antenna Factor: 20 - 38 dB

Gain: 6.7 dBi

Maximum Continuous Power: 700 Watts

Maximum Radiated Field: 200 V/m

Pattern Type: directional

Impedance: 50 Ω

VSWR: 1.41:1 typ.

Connector: N-Type, Female

Mounting Base: 1/4 x 20 Thread, Female

Features

- Frequency Range of 650 MHz to 4000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The log periodic antenna is a particularly useful design when modest levels of gain are required, combined with wide-band operation. The SAS-519-4 compact Log Periodic Antenna provides optimal performance covering most cell phone, Wi-Fi, WiMAX and GPS bands. This directional log periodic antenna has a medium gain, low VSWR and one of the smallest available. This linear polarized, directional antenna can be used for a variety of applications.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0204 (25 dB Preamplifier)



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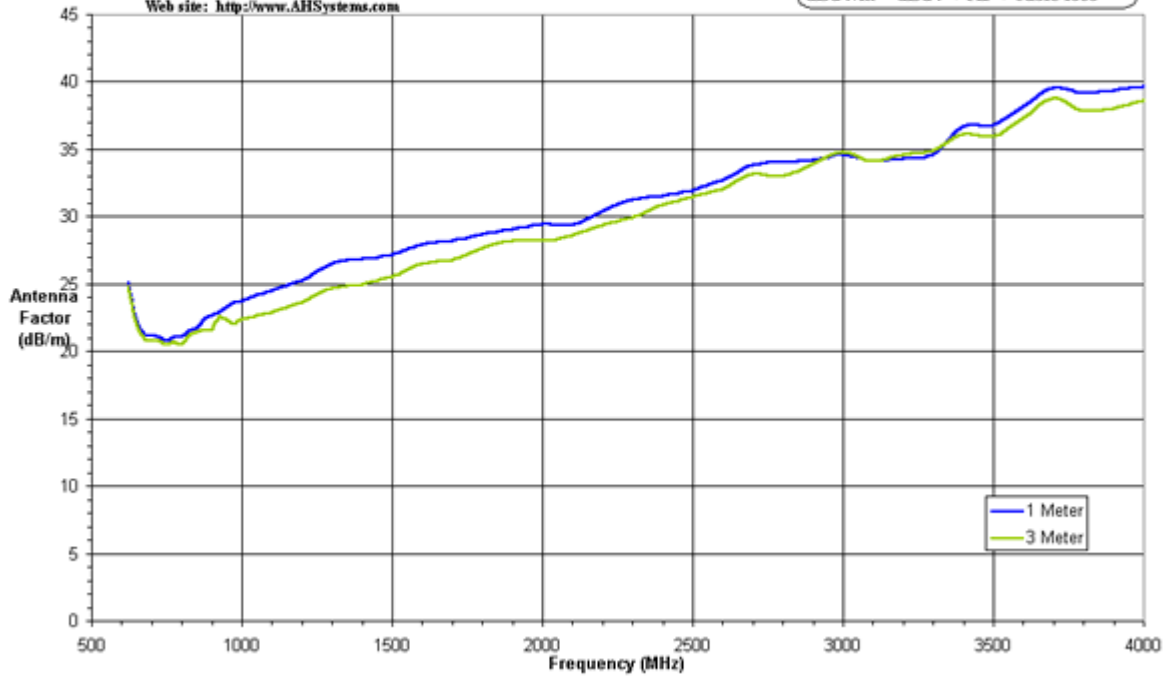


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Antenna Factor Model SAS-519-4

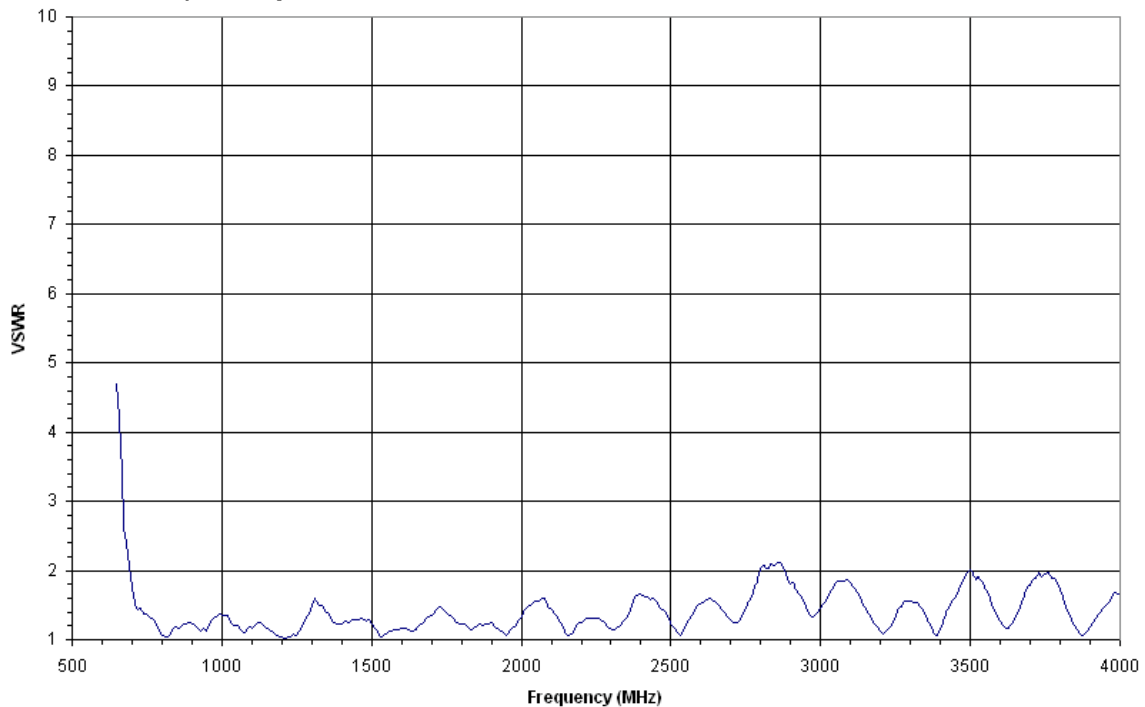
Conversion of meter reading
to field strength:
 $\text{dBuV/m} = \text{dBuV} + \text{AF} + \text{cable loss}$



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VSWR Log Periodic Antenna Model: SAS-519-4





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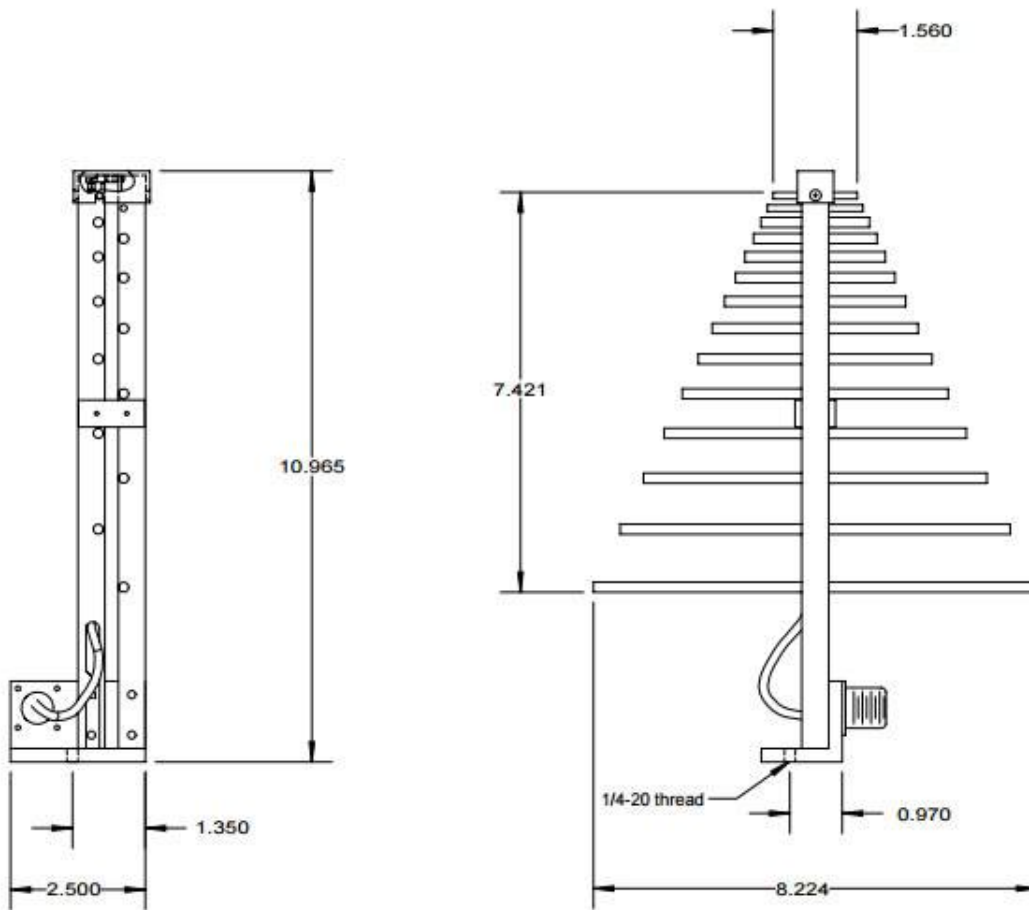


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Physical Dimensions

Length: 11 in. (28.1 cm)
Width: 8.2 in. (20.8 cm)
Weight: 0.7 lb.'s (0.32 kg)