



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-519-7

Log Periodic Antenna
650 MHz – 7 GHz

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



Frequency Range: 650 MHz - 7000 MHz

Antenna Factor: 20 - 46 dB

Gain: 1 to 8 dBi

Maximum Continuous Power: 700 Watts

Maximum Radiated Field: 200 V/m

Pattern Type: directional

Impedance: 50 Ω

Connector: N-Type, Female

Mounting Base: 1/4 x 20 Thread, Female

Features

- Frequency Range of 650 MHz to 7000 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-519-7 Log Periodic Antenna is extremely lightweight, compact and has been manufactured to ensure maximum gain and low VSWR. Covering a very large frequency range, this antenna is one of the smallest available. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through the frequency range of 650 MHz to 7000 MHz.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0207 (30 dB Preamplifier)



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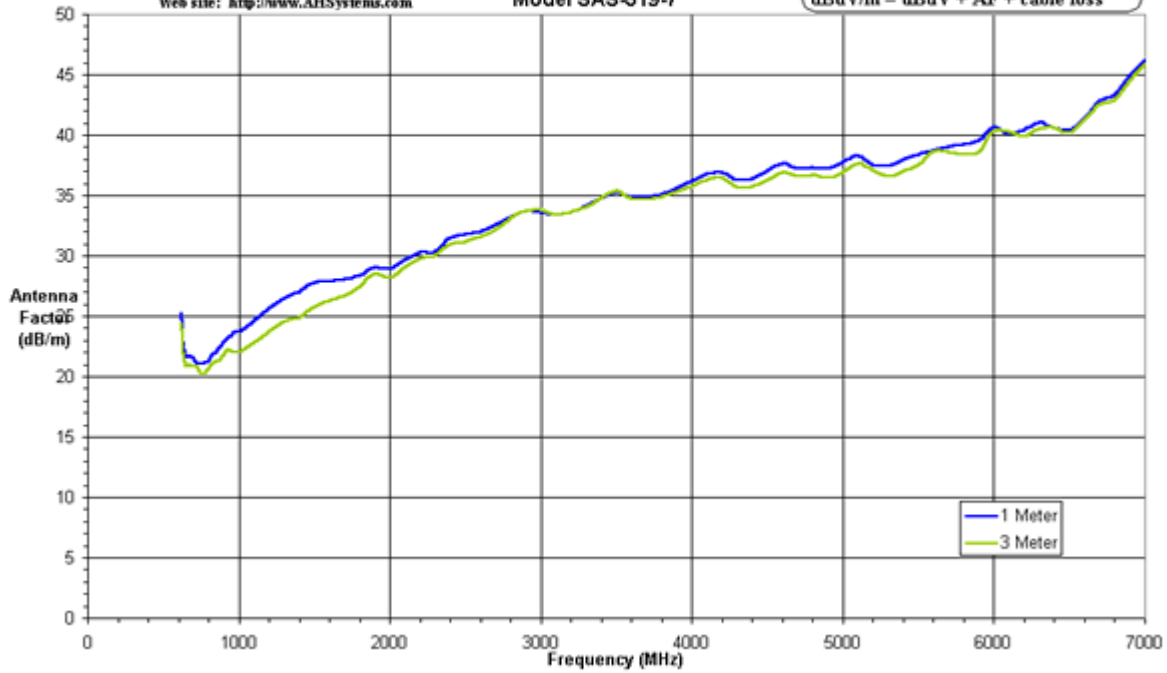


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Antenna Factor Model SAS-519-7

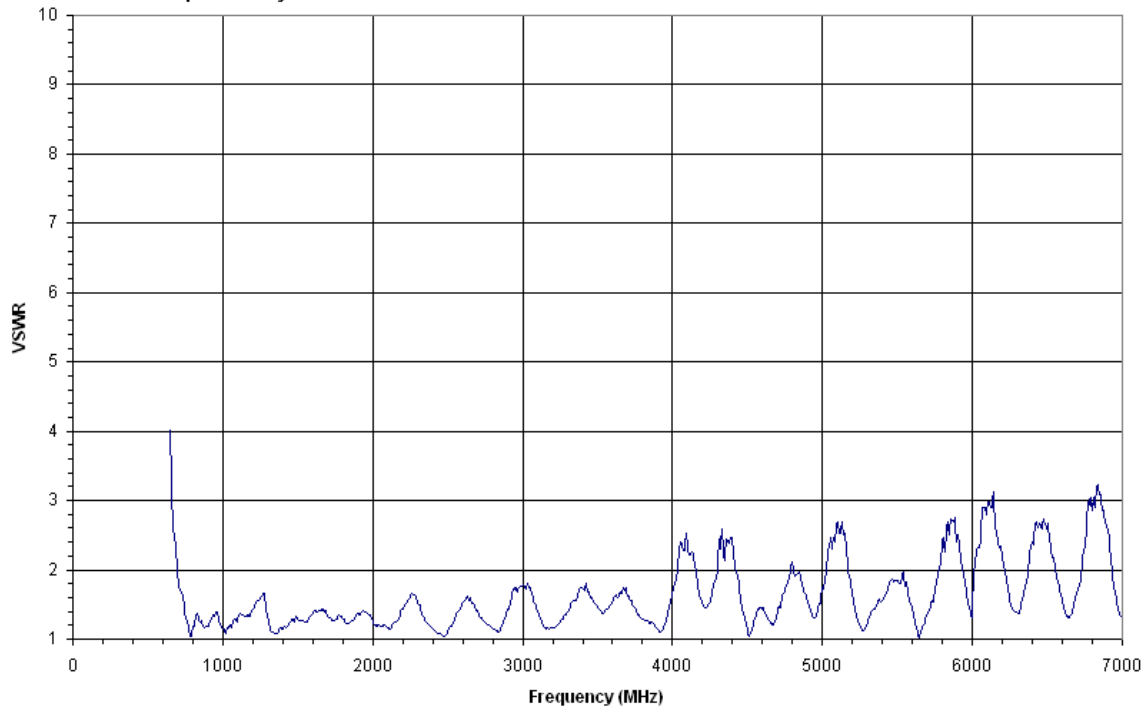
Conversion of meter reading
to field strength:
 $\text{dBuV/m} = \text{dBuV} + \text{AF} + \text{cable loss}$



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VSWR Model: SAS-519-7





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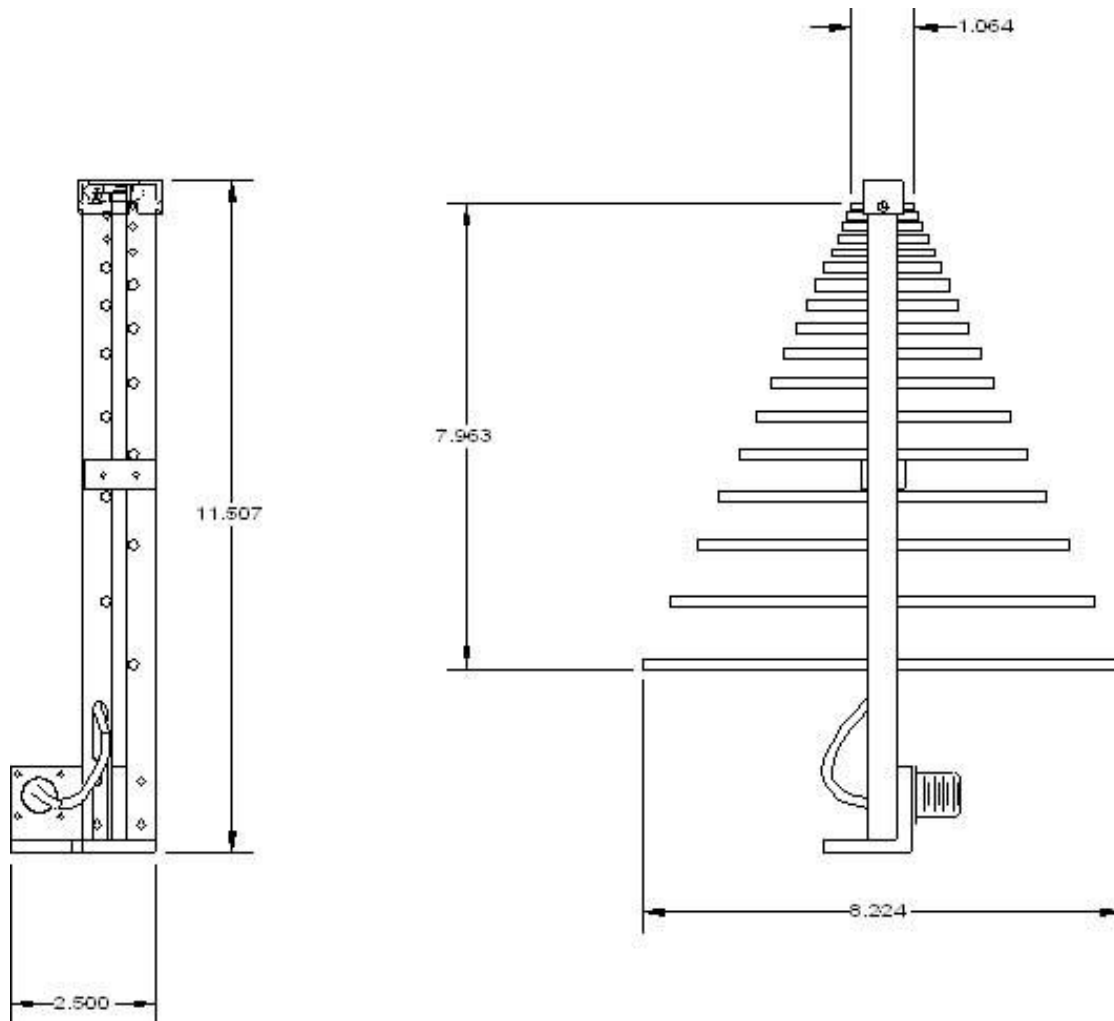


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Physical Dimensions

Length: 11.6 in. (29.4 cm)

Width: 8.2 in. (20.8 cm)

Weight: 0.7 lb.'s (0.32 kg)