



**A.H. Systems, Inc.**

9710 Cozycroft Ave.  
Chatsworth, CA 91311



Tel: (818) 998-0223



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www.AHSystems.com

## SAS-517

### Log Periodic Antenna

80 MHz – 4 GHz

This directional Log Periodic Antenna is an ideal solution for radiated emissions and susceptibility testing.



Frequency Range: 80 MHz - 4000 MHz

Maximum Continuous Power: 1000 Watts

Impedance: 50  $\Omega$

Max Radiated Field: 200 V/m

Connector: N-Type, female

Mounting Base: 1/4 - 20 Thread, female

### Features

- Frequency Range of 80 MHz to 4000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction, supplied with LPM-510 mounting adapter
- Three Year Warranty

The A.H. Systems' SAS-517 Log Periodic Antenna is lightweight, compact and has been manufactured to ensure maximum gain and low VSWR. This directional antenna has a broad range of application, from compliance testing to surveillance. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through the frequency range of 80 MHz to 4000 MHz.

### Recommended Accessories

- ATU-514 (Antenna Tripod)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0204 (25 dB Pre-amplifier)

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EMC Antennas and more





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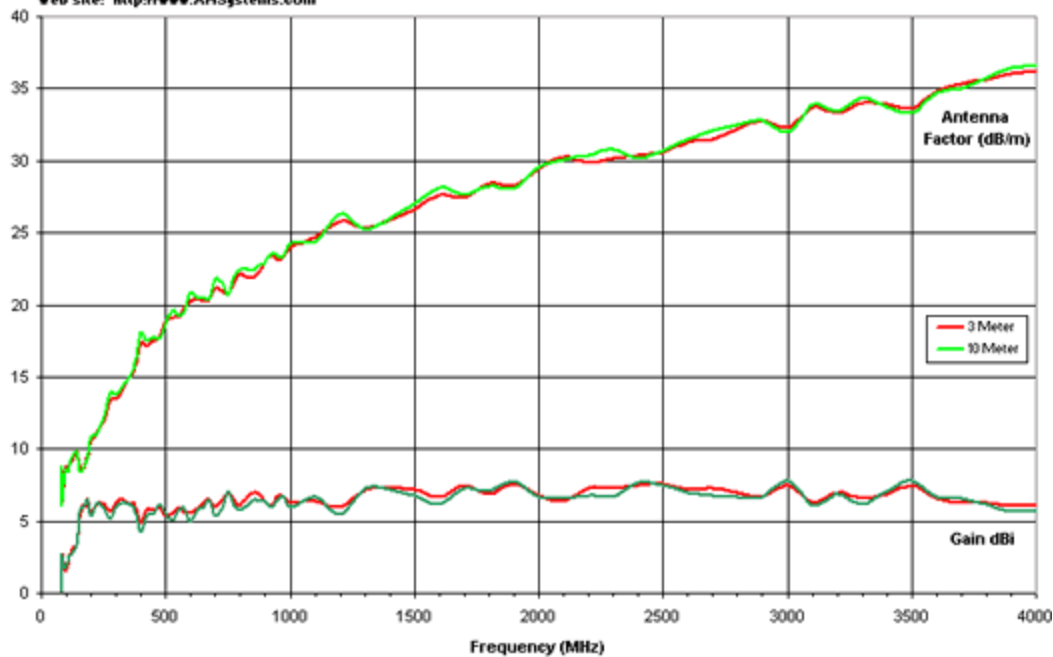


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### Model SAS-517 Log Periodic Antenna

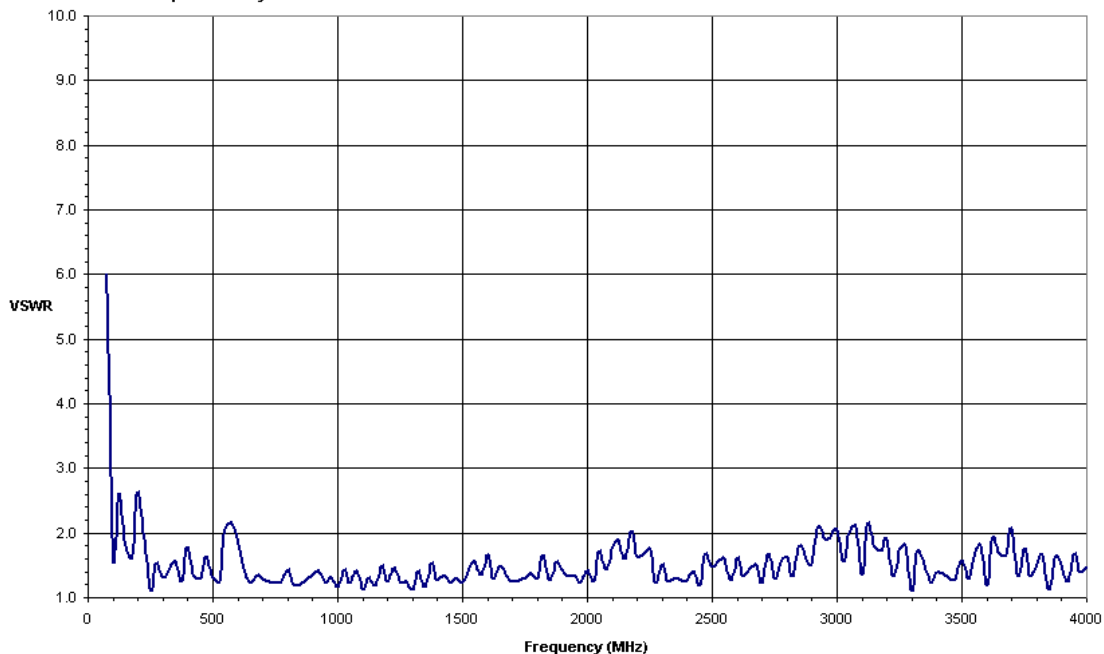
Conversion of meter reading  
to field strength:  
 $dRuV/m = dRuV + AF + \text{cable loss}$



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### VSWR Log Periodic Antenna Model: SAS-517



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## **Physical Dimensions:**

Length: 56.6 in. (*143.8 cm*)

Width: 72.3 in. (*183.6 cm*)

Weight: 4.6 lb.'s (*2.09 kg*)

Information presented in this datasheet was current at the time of publication. A.H. Systems continual product improvement makes it necessary to reserve the right to change our electrical and mechanical specifications without notice.

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