



## 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-517

### Log Periodic Antenna

80 MHz – 4 GHz

This directional Log Periodic Antenna is an ideal solution for radiated emissions and normalized site attenuation.



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



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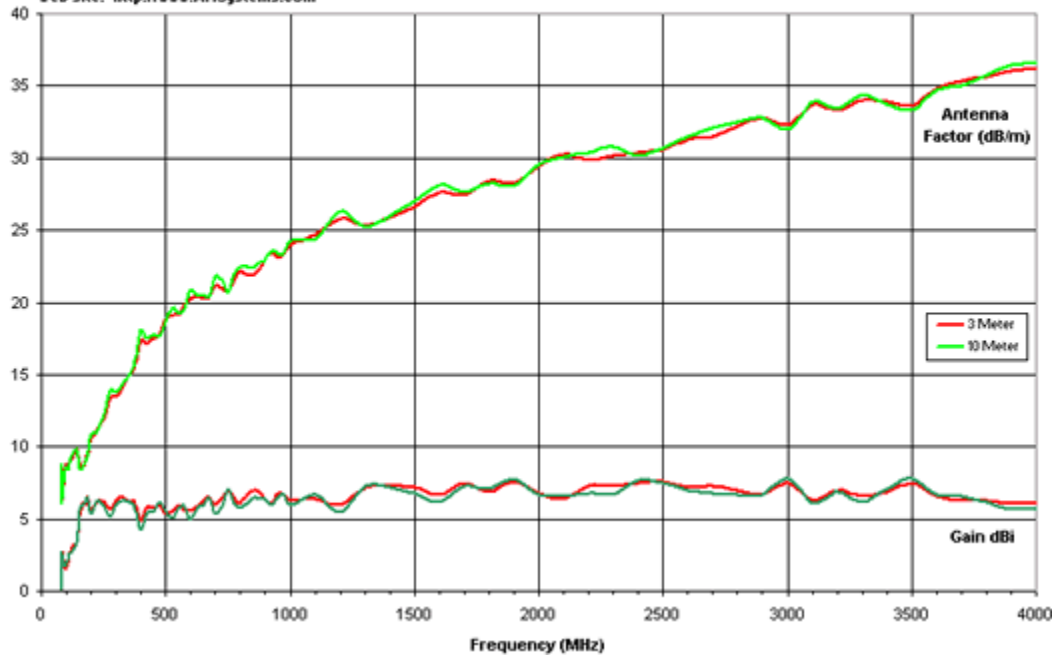


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### Model SAS-517 Log Periodic Antenna

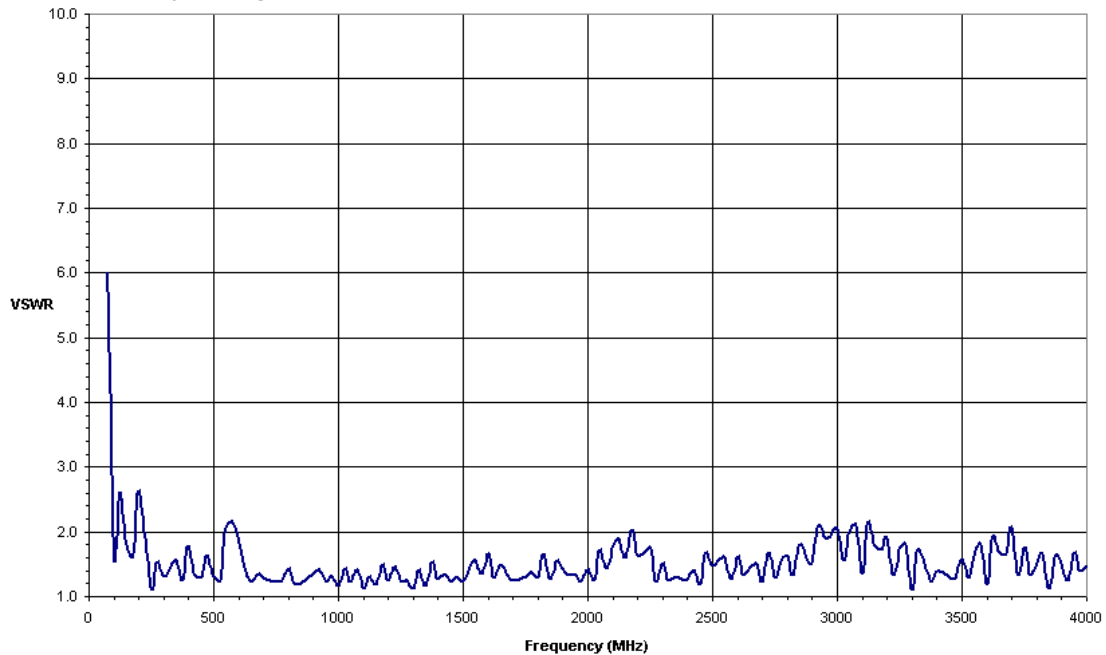
Conversion of meter reading  
to field strength:  
 $dRnV/m = dRnV + AF + \text{cable loss}$



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





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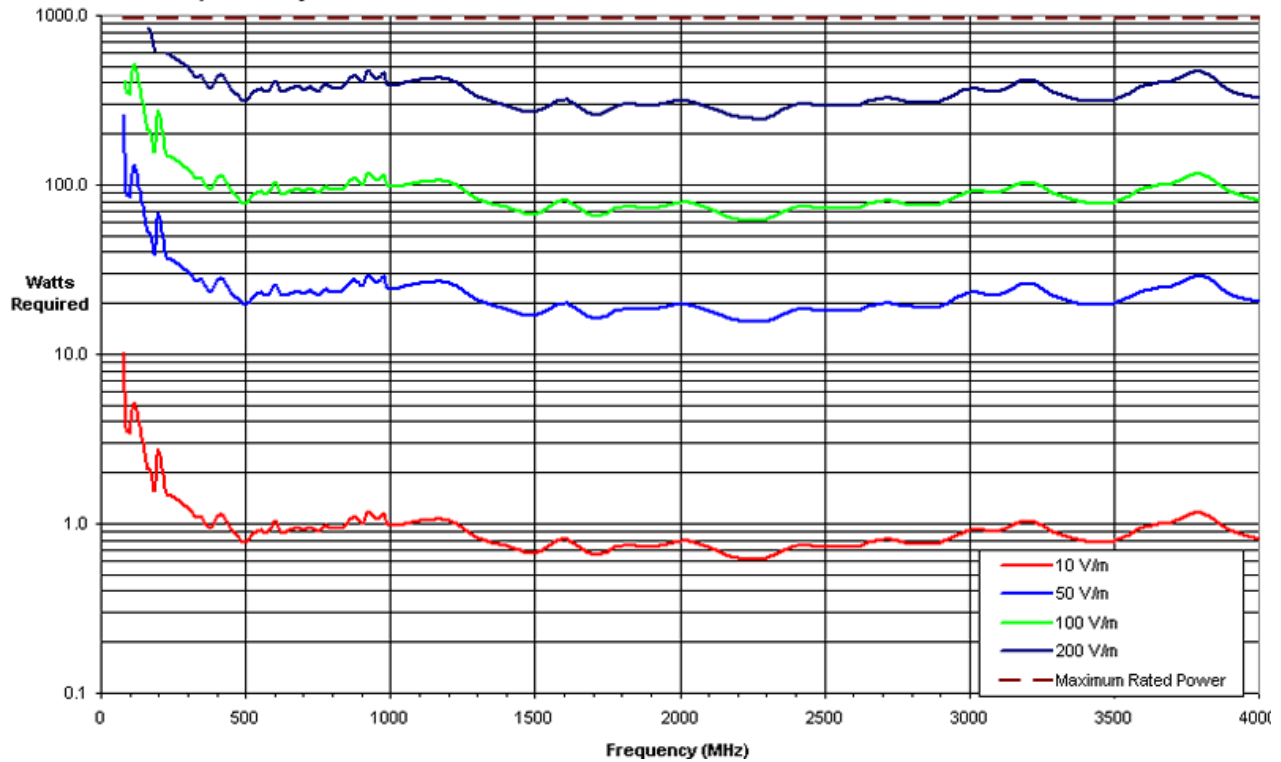
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## 1 Meter Power Requirements

Model: SAS-517



### **Physical Dimensions:**

Length: 56.6 in. (143.8 cm)

Width: 72.3 in. (183.6 cm)

Weight: 4.6 lb.'s (2.09 kg)