



## 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-512F-7

### Folding Log Periodic Antenna

190 MHz – 7 GHz

High frequency folding log periodic antenna for commercial and military testing applications.



Frequency Range: 190 MHz - 7000 MHz

Maximum Continuous Power: 400 Watts

Max Radiated Field: 100 V/m

Pattern Type: directional

Impedance: 50  $\Omega$

Connector: N-Type, female

Mounting Base: 1/4 - 20 Thread, female

### Features

- Frequency Range of 190 MHz to 7 GHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Folding design for portable applications
- Three Year Warranty

The SAS-512F-7 log periodic antenna is lightweight, compact and has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities. This antenna also folds in half for ease of storage, an optional transit storage case is ideal for portable applications. This Linear polarized broadband dipole array is well suited for emissions and immunity testing applications.

### Recommended Accessories

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



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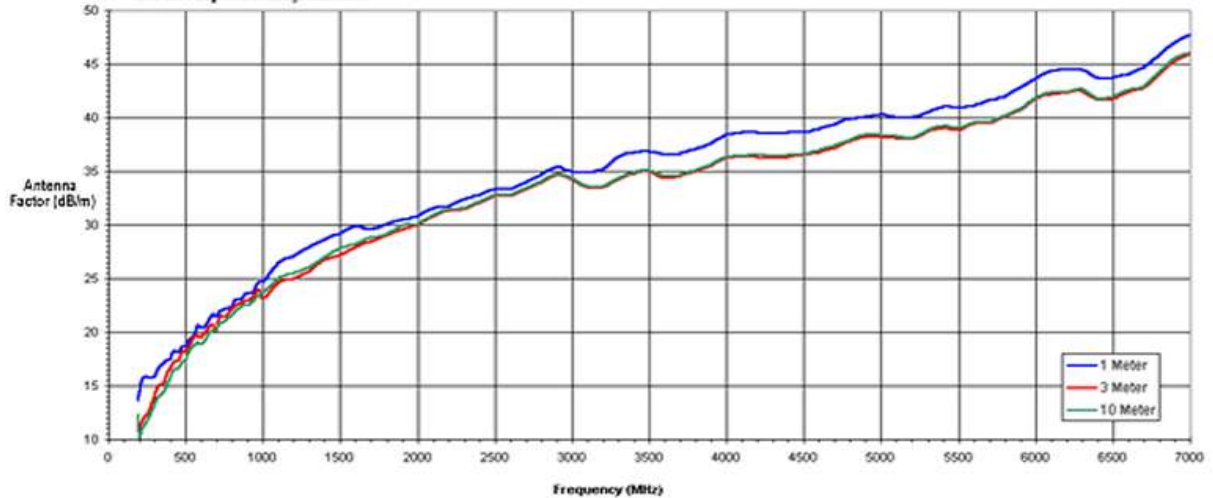


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Antenna Factor  
Log Periodic Antenna, Folding  
Model: SAS-512F-7

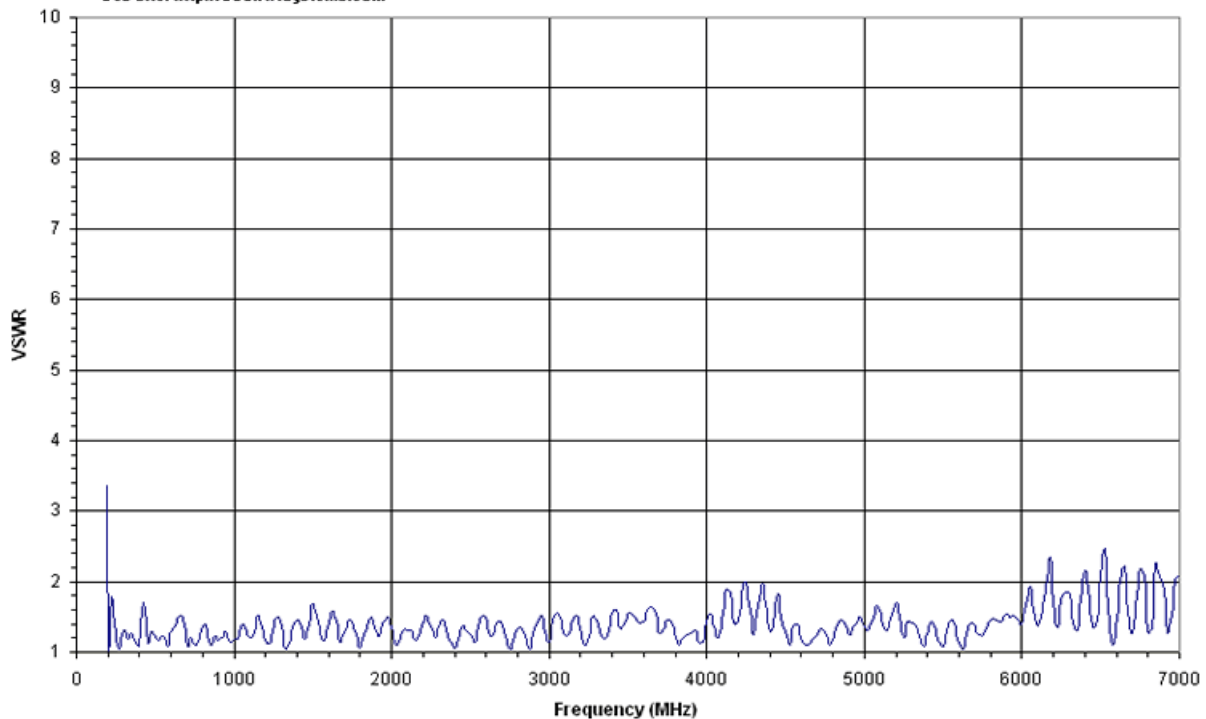
Conversion of meter reading  
to field strength:  
 $\text{dBuV/m} = \text{dBuV} + \text{AF} + \text{cable loss}$



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VSWR  
Log Periodic Antenna  
Model: SAS-512F-7





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### **Physical Dimensions**

Length:	34.6 in. (88 cm)
Width:	29.5 in. (74.9 cm)
Weight:	2.3 lb.'s (1.04 kg)