



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-544F

High Field Biconical Antenna, Folding
20 MHz – 300 MHz

This Biconical antenna has a coaxial wound balun that can handle High fields of RF energy.



Frequency Range: 20 MHz - 300 MHz

Antenna Factor: 6 to 21 dB

Gain: -23 to 2.8 dBi

Maximum Continuous Power: 300 Watts

Max Radiated Field: 20 V/m

Pattern Type: omni-directional

Impedance: 50 Ω

Connector: N-Type, female

Mounting Base: 1/4 - 20 Thread, female

Features

- Frequency Range of 20 MHz to 300 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The SAS-544F Folding Biconical Antenna was the first EMC antenna designed for portable compliance testing applications. This Biconical Antenna is designed with a coaxial wound balun for increased power capability and intended for both transmitting and receiving high electromagnetic RF fields. For rapid deployment, along with the mobility of a small package, the Folding Biconical elements can be closed similar to an umbrella allowing the antenna to be contained in an optional transit storage case. Whether testing in a shielded enclosure, or outdoors, the rugged construction of the A.H. Systems Biconical antenna will ensure long life, and reliable performance.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223
Fax: (818) 998-6892

◆ sales@AHSystems.com
◆ www.AHSystems.com

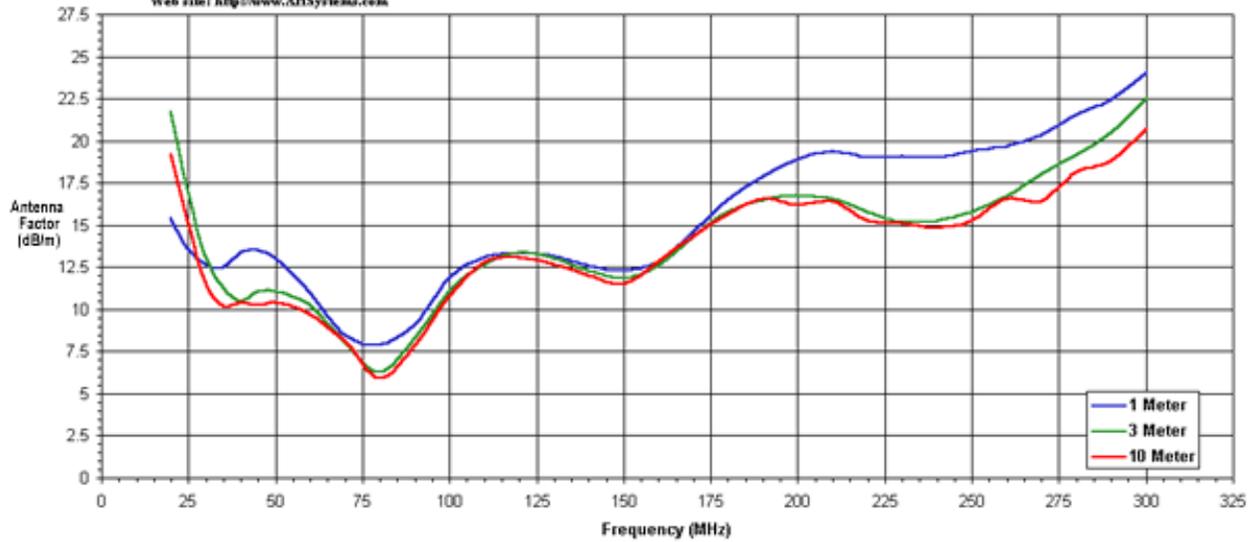


A.H. Systems Inc.

9710 Cozycroft Ave. Chatsworth, CA 91311
Phone (818) 998-0223 Fax (818) 998-6892
E-mail: info@AHSystems.com
Web site: <http://www.AHSystems.com>

Antenna Factor High Field Biconical Antenna Model SAS-544

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



A.H. Systems, inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311
818.998.0223 fax 818.998.6892
sales@AHSystems.com www.AHSystems.com



Antenna VSWR Model: SAS-544F

