



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



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SAS-521-7

Biological Antenna

25 MHz - 7 GHz



Simplify compliance testing with this hybrid antenna. This Biological antenna provides an inexpensive solution for broadband applications.

| | |
|---------------------------|-------------------------|
| Frequency Range: | 25 MHz - 7000 MHz |
| Gain: | 6 dBi |
| Maximum Continuous Power: | 1000 Watts |
| Impedance: | 50 Ω |
| Connector: | N-Type, female |
| Mounting Base: | 1/4 - 20 Thread, female |

Physical Dimensions

| | |
|---------|---------------------|
| Height: | 22.2 in. (56.4 cm) |
| Width: | 38.5 in. (97.8 cm) |
| Length: | 39.0 in. (99.1 cm) |
| Weight: | 4.5 lb.'s (2.04 kg) |

Features

- Hybrid Log Periodic - Biconical Antenna
- Wide Frequency Range of 25 MHz - 7000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- FCC, MIL-STD, VDE and TEMPEST Testing
- Rugged Construction

The A.H. Systems' SAS-521-7 Biological Antenna is one of our latest antennas, providing an inexpensive solution for broadband testing applications. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through the frequency range of 25 MHz to 7000 MHz.

Recommended Accessories

- PAM-0207 (Preampifier)
- SAC-211 (3 meter N/N Cable, RG-214U)
- BTE-510 (Biological Tripod Extension)
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)



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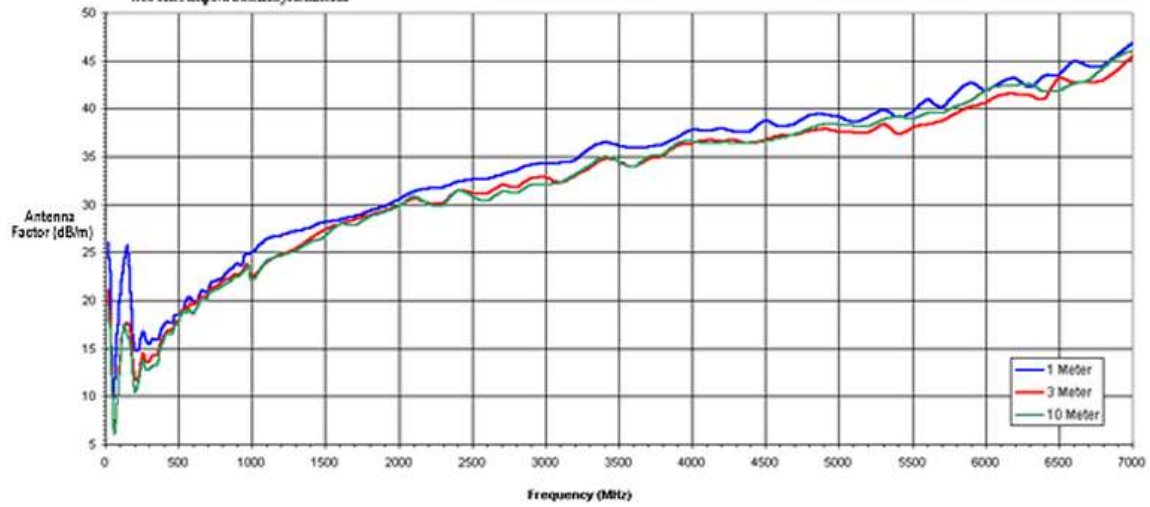
Phone (818) 998-0223 Fax (818) 998-6892

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Web site: <http://www.AHSystems.com>

**Antenna Factor
Biological Antenna
Model: SAS-521-7**

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



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**VSWR
Biological Antenna
Model: SAS-521-7**

