



A.H. Systems, Inc.

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SAS-562B

Active Shielded Loop Antenna

10 KHz – 30 MHz

This 18" active loop antenna comes with a matching network and preamplifier for shielding effectiveness and emissions testing.



Frequency Range: 10 kHz - 30 MHz

Impedance: 50 Ω

Connector: BNC, Female

Mounting Base: 1/4 x 20 Thread, Female

Features

- Broad Frequency Range of 10 KHz to 30 MHz
- Individually Calibrated (Calibration included per IEEE-291)
- Battery Powered, High sensitivity
- Three Year Warranty

A.H. Systems' designs, manufactures and delivers high performance Loop Antennas for a wide range of magnetic field testing. Whether used in a set to measure shielding effectiveness per MIL-STD 285 and NSA 65-6, or individually to satisfy specific requirements, the Loop Antenna is an efficient, low cost solution.

Recommended Accessories

- SAS-564 (Passive loop Antenna)
- ADP-201 (BNC to N Adapter)
- ATU-510 (Antenna Tripod, wooden)
- AEH-510 (Azimuth and Elevation Head)



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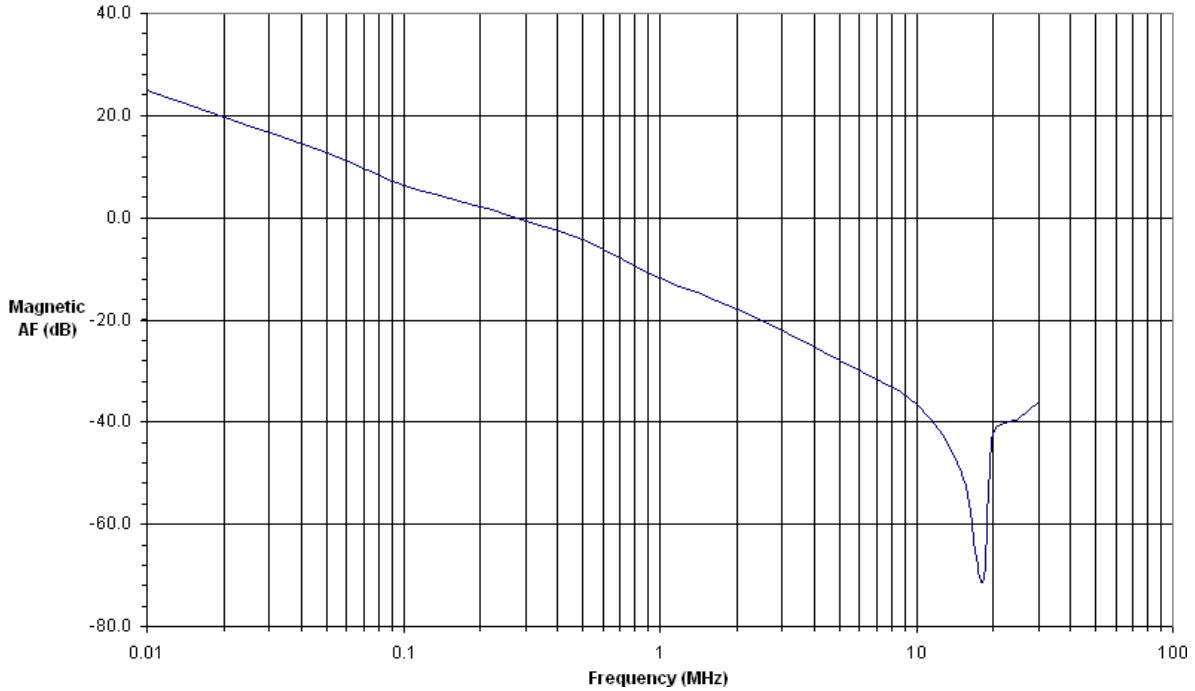


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Magnetic Correction Factor
18 inch Loop Antenna
Model: SAS-562B

Correction Factors
Assumed E-field for
shielded loops

$\text{dB}\mu\text{A/m} = \text{dB}\mu\text{V} + \text{AF}$
 $\text{dB}\mu\text{V/m} = \text{dB}\mu\text{A/m} + 51.5$



Physical Dimensions

Loop Diameter: 18 in. (45.7 cm)

Weight: 3.1 lb.'s (1.4 kg)