



A.H. Systems, Inc.

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SAS-563B

Active Shielded Loop Antenna

1 KHz – 30 MHz

This 12" Broadband loop antenna with preamplifier is an excellent solution for magnetic field testing.



Frequency Range: 1 kHz - 30 MHz

Impedance: 50 Ω

Connector: BNC, Female

Mounting Base: 1/4 x 20 Thread, Female

Features

- Broad Frequency Range of 1 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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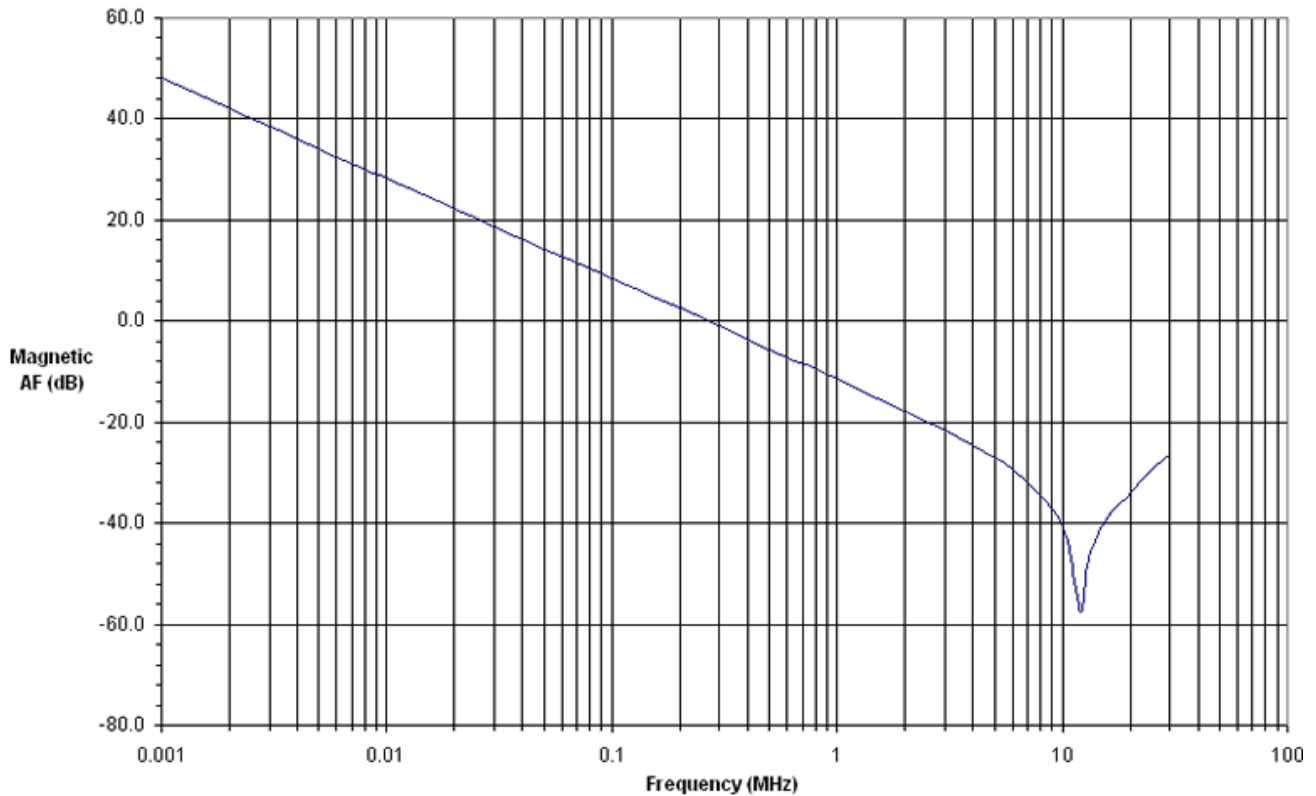
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Magnetic Correction Factor
12" Loop Antenna
Model: SAS-563B

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: 12 in. (30.5 cm)

Weight: 2.5 lb.'s (1.13 kg)