



## A.H. Systems, Inc.

9710 Cozycroft Ave.  
Chatsworth, CA 91311



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www.AHSystems.com

## SAS-563P

### Passive Shielded Loop Antenna

1 KHz – 30 MHz

This 12" (30 cm) Passive Shielded Loop Antenna is an excellent solution for shielding effectiveness testing.



Frequency Range: 1 kHz - 30 MHz

Impedance: 50  $\Omega$  (Nominal)

Connector: N, Female

Mounting Base: ¼ x 20 Thread, Female

### Features

- Broad Frequency Range of 1 KHz to 30 MHz
- Individually Calibrated (Calibration included per IEEE-291)
- Rugged Construction
- Three Year Warranty

The SAS-563P electrostatic shielded loop antenna is typically used for shielding effectiveness testing per IEEE 299, MIL-STD 285 and NSA 65-6 as well as many other test standards. This passive 12" (30cm) diameter loop antenna is shielded against the electric component by enclosing the conducting loop within an all-metal shield. This balanced faraday shield ensures that it is producing (or measuring) just the magnetic component of the radiated energy. Due to the relatively long wavelengths in this band, and the typical test distance from the source, the 377 Ohm relationship to the E-field will not hold true and you may have to measure (or produce) the "E" field separately with a high impedance monopole antenna.

### Recommended Accessories

- SAS-563B (Active 12" loop Antenna)
- ATU-510 (Antenna Tripod, wooden)
- AEH-510 (Azimuth and Elevation Head)



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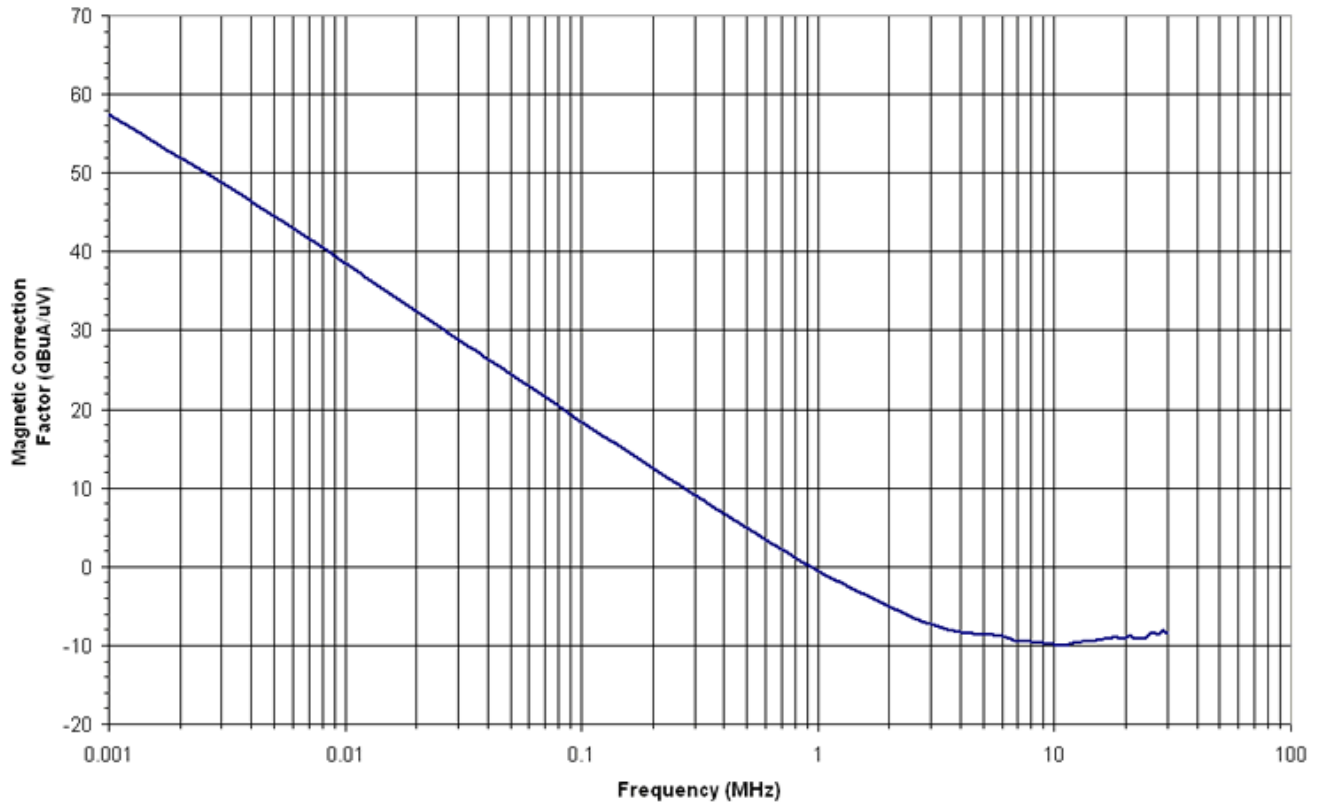
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E-mail: sales@AHSystems.com

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

Magnetic Correction Factor  
Model: SAS-563P



### Physical Dimensions

Loop Diameter: 12 in. (30.5 cm)

Weight: 2 lb.'s (0.91 kg)