



## A.H. Systems, Inc.

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## SAS-565L

**Passive Shielded  
Loop Antenna**  
20 Hz – 1 MHz

This passive antenna is an electrostatic shielded loop that is an excellent solution for low frequency magnetic field emissions and immunity testing.



Frequency Range: 20 Hz – 1 MHz  
Max. Continuous Input: 10 Watts  
Connector: BNC, Female  
Mounting Base: ¼ x 20 Thread, Female

### Features

- Emissions and Immunity Testing
- CISPR, MIL-STD compliance testing
- Rugged Construction
- Three Year Warranty

It has been found that the primary field component responsible for interference is the magnetic field in the 20 Hz to 1 MHz frequency range. This Passive Loop Antenna is designed with a balanced Faraday shield for magnetic field emissions and immunity type measurements. The loop antennas electrostatic shield minimizes the E-field response for a more accurate magnetic field measurement. With emerging technologies like wireless power and possible changes for radiated emission test distances, passive loop antennas are an ideal test solution.

The SAS-565L passive loop antenna covers the 20 Hz to 1 MHz frequency range, has a 1/4-20 thread for easy tripod mounting and comes with individual calibration results per IEEE 291 section 2.2.1

### Recommended Accessories

- SAS-565H (Passive Shielded Loop Antenna, 9 KHz to 30 MHz)
- ATU-514 (Antenna Tripod, non-metallic tripod)



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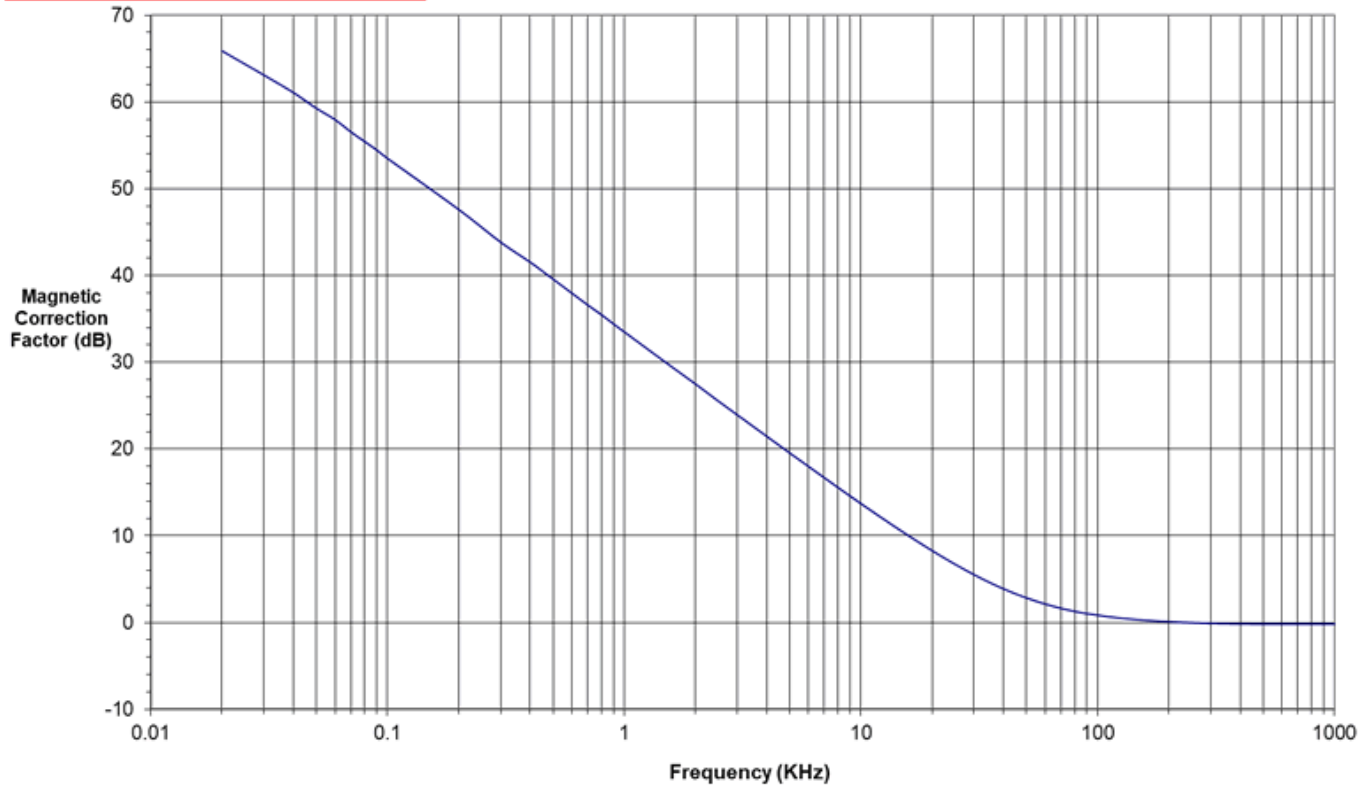
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**Calibration, Passive Loop Antenna**  
**Model Number: SAS-565L**



**Physical Dimensions**

Loop Diameter: 22 3/8 in. (56.8 cm)

Dimensions: 23" x 25 5/8" x 5 1/2"

(58.4cm x 65cm x 14cm)

Weight: 2.5 lb.'s (1.13 kg)