



A.H. Systems, Inc.

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SAS-561

Radiating Loop Antenna

20 Hz – 50 KHz

This Radiating Loop is built in accordance to the MIL-STD 461 specification for low frequency magnetic field testing.



Frequency Range:	20 Hz - 50 KHz
Turns:	10 (10 AWG)
Max Input:	10 Amps
Connector:	BNC, Female

Features

- Low Frequency Range of 20 Hz to 2 MHz
- Individually Calibrated (Calibration included per IEEE-291)
- Rugged Construction
- 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. The SAS-561 magnetic field coil is designed so that when the surface of the extension rod furthest from the connector is resting against the test article, the coil is exactly 5cm from the test article as required in method RS01, MIL-STD-461.

Recommended Accessories

- SAC-210 (Antenna Tripod, Wooden)
- ADP-201 (Azimuth and Elevation Head)
- Custom loop tripod stand/ 7cm spacer upon request
- BCP-510 (also required by MIL-STD 461)



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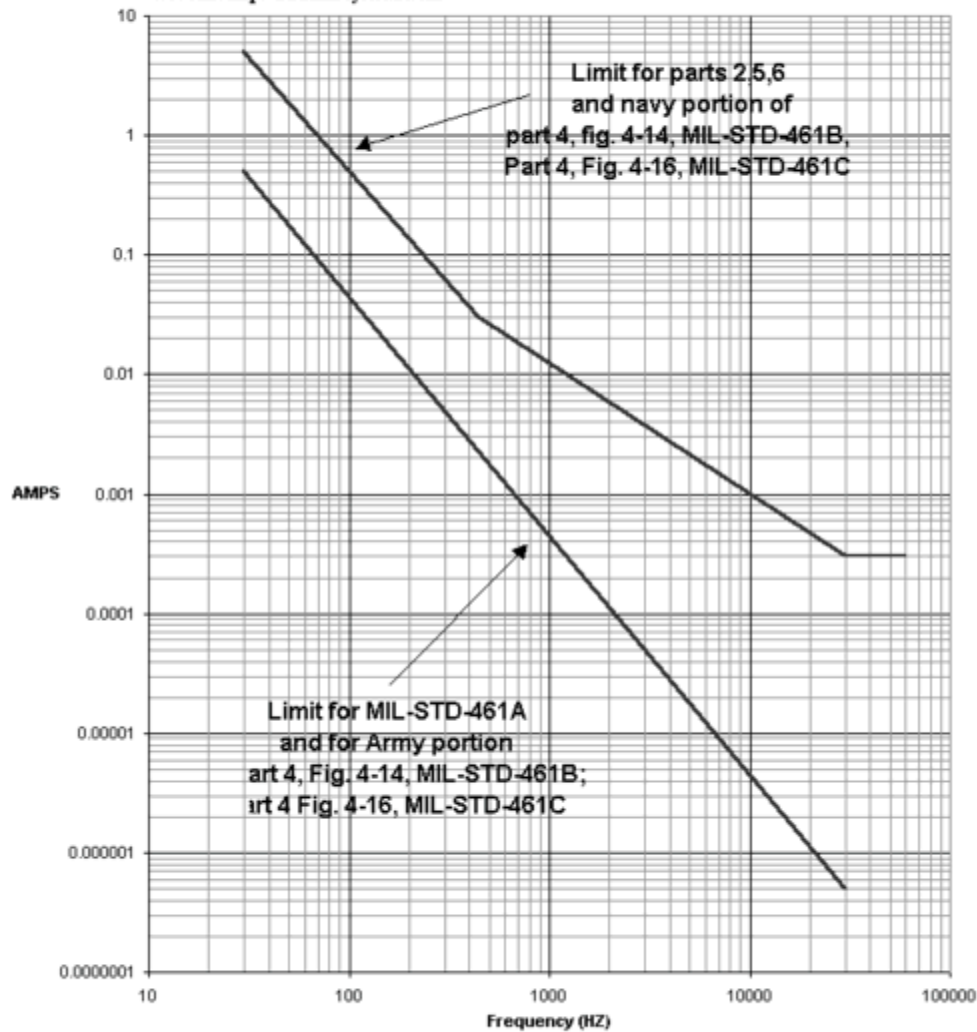
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A.C. Current in SAS-561 Antenna to generate the magnetic field intensity required by method RS 01 at 5 cm from the loop winding

Physical Dimensions

Loop Diameter: 4.72 in. (12 cm)

Weight: 1.0 lb.'s (0.45 kg)