CHAMBERS AMS-5701 5G ANTENNA MEASUREMENT SYSTEM

ETS-Lindgren's AMS-5701 5G Antenna Measurement System is a distributed-axis spherical-pattern antenna measurement system with a highly flexible application and frequency range. Passive and active antenna pattern tests are supported using an easy-to-fixture azimuth base with high accuracy and repeatability. Path losses are minimized with this design by placing components as close to the measurement antenna as possible. This chamber offers a 82 cm x 144 cm (32 in x 56 in) 160o swing door that allows full access to the internal volume of the chamber. AMS-5701 is a roll-in-place chamber that can move between floors, down hallways, and through standard doorways when the removable ceiling section is unbolted. Antennas of nearly any size and shape can be accommodated on the azimuth base, and cabling can be fixed to the mounting column as the test article requires. The AMS-5701 is well-suited for universities and R&D labs where immediate feedback is needed on early designs or revisions.

Product Features:

- RF-Shielded Test Environment
- Direct Far-Field (DFF)
- Dual Polarized Antenna on Theta Arm Positioner

AMS-5701 5G ANTENNA SERIES

- **Fixed 75 cm (29.5 in) Range Length**
- **Lasr Alignment**

Standard Configuration

- Supports Passive Testing in CW Mode
- Tests Fully-Modulated Signals

Technical Specifications

Electrical	
Measurement Frequency	6 GHz to 67 GHz
Path Length	75 cm
Azimuth Positioner	Accuracy: 0.05 deg Resolution: 0.02 deg
Quiet Zone Size (Maximum Antenna Under Test Diameter per Frequency)	At 20 GHz ~7 cm At 40 GHz ~5 cm At 60 GHz ~4 cm
Typical RF Isolation	80 dB @ 40 GHz
Physical	
Overall Dimensions	2.1 m x 1.4 m x 2.2 m (6.9 ft x 4.6 ft x 7.2 ft)
Weight	5.0 kg (11.0 lb)

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