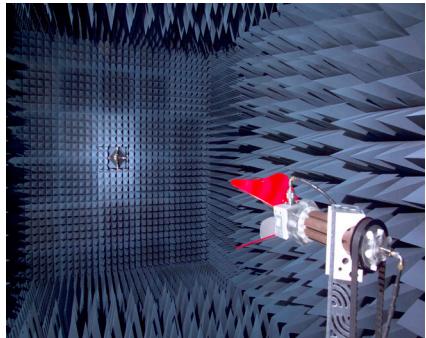


CHAMBER AMS-8500 ANTENNA MEASUREMENT SYSTEM



ETS-Lindgren's AMS-8500 Antenna Measurement Test Systems are configured to perform both research and development and type approval tests according to the CTIA Test Plan for Wireless Device Over-the-Air Performance for Radiated RF Power and Receiver Performance. These systems can also be used to perform antenna measurements in near-field and far-field test distances for more generic antenna properties.

AMS-8500 systems are designed to have better-than -25 dB quiet-zone (QZ) reflectivity, with a 0.5 m QZ size. Additionally, ETS-Lindgren can produce customized chambers, designed to fit your specific requirements.

Designed to operate over the frequency range of 400 MHz to 10 GHz, the AMS-8500 includes a full-sized rectangular chamber and offers additional frequency range coverage as an option.

MODEL AMS-8500

- Efficient Over-The-Air (OTA) Measurement for Wireless Devices
- Passive Antenna Measurements
- Full WiFi 7 test solution available (Note: requires WiFi 6E measurement package)
- Modular High Performance Shielded System

Technical Specifications

Electrical

Frequency Range	400 MHz to 10 GHz
Test Methodology	Direct Far-Field (DFF)
Compliance Standard and Technology	CTIA
Rotation Axis	Combined-Axis

Physical

Path Length	4.9 m (16.1 ft)
Overall Dimensions	7.3 m x 3.7 m x 3.7 m (24.0 ft x 12.0 ft x 12.0 ft)
Maximum Load Capacity	11.3 kg (24.91 lb)

Standard Configuration

- Multi-Axis Positioning System (MAPS) for High Resolution 3D Pattern Testing
- Easy Calibration by User
- EMQuest Data Acquisition and Analysis Software