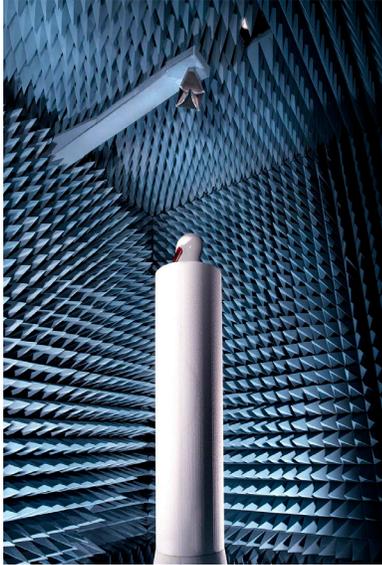


# CHAMBER AMS-8800 ANTENNA MEASUREMENT SYSTEM



## MODEL AMS-8800

- Efficient Over-The-Air (OTA) Testing for Wireless Devices
- Theta Arm Spherical Scanning System
- Turnkey Systems Available for SISO Testing

ETS-Lindgren's AMS-8800 Theta-Arm Distributed-Axis Antenna-Pattern Measurement Test Systems consist of an azimuth rotator for the DUT and a separate theta-arm positioner for moving the measurement antenna around the DUT.

The theta rotational arm scanning system provides a quick, convenient, and accurate test method for wireless devices. It is a good choice for larger, heavier DUTs, especially those which may be gravity-dependent. A tabletop mount is included for testing portable computing devices, desktop computing devices, and small appliances.

The dual-polarized quad-ridged antenna on the theta-arm provides broadband measurement in both polarizations. The AMS-8800 system can be upgraded to different frequency ranges, utilizing different measurement antennas mounted on the theta-arm positioner.

The AMS-8800 series has four standard models: the AMS-8810 with a 1.0 m path length, the AMS-8812 with a 1.2 m path length, the AMS-8813 with a 1.3 m path length, and the AMS-8815, with a 1.5 m path length.

## Technical Specifications

Electrical	
Frequency Range	400 MHz to 10 GHz
Test Methodology	Theta-Arm with Antenna
Compliance Standard and Technology	CTIA
Rotation Axis	Single-Axis Turntable with Theta-Arm
Physical	
Path Length	1.3 m (4.3 ft) 1.5 m (4.9 ft)
Overall Dimensions	4.0 m c or 4.9 m cube (13.0 ft or 16.0 ft cube)
Maximum Load Capacity	50.0 kg (110.2 lb)

## Standard Configuration

- Full WiFi 7 test solution available (Note: requires WiFi 6E measurement package)
- Easy Calibration by User
- Optional Chair Support
- Dual Polarized Measurement Antenna