

Model 4800D Wireless Test Lab



Description

The Model 4800D is a complete automated measurement system designed to meet the requirements of the CTIA Certification Program for Over The Air Performance. Applicable for testing most wireless devices, it includes a shielded chamber, two axis conical scan positioning system, RF cables, RF rotary joint and DUT support column. With a low frequency specification of 400MHz, the Model 4800 can be used to test both terrestrial DVB-H signals at 470MHz and satellite DMB signals at 2.6 GHz.

Features

- Free Standing Shielded Chamber requiring only 16 ft (4.9m) vertical clearance
- Operating frequency of 400 MHz to 10 GHz
- 20 inch (50 cm) test zone
- Suitable for testing handsets, notebook computers, base station antennas and wireless M2M devices
- Meets CTIA Certification Requirements
- Fast, automated measurements of TIS, TRP, efficiency and radiation patterns
- Compatible with both Rohde & Schwarz AMS32 and ETS-Lindgren EMQuest OTA software
- Can be configured for MIMO measurements with dual theta axes

Characteristics

Frequency Range	400 MHz to 10 GHz
Quiet Zone Size	20 inches (50 cm)
Range Length (maximum)	75.5 inches (192 cm)
Signal Level Ripple	< +/-2.0 dB (Typical)
Measurement Uncertainty	< 0.45dB (Typical)
Test Method	Conical Cut
Maximum DUT Weight	35lbs (16kg) standard 500 lbs (227 kg) custom