

Model 3100 Wireless Test Lab



Description

The Model 3100 is a complete automated measurement system designed to meet the requirements of the CTIA Certification Program for Over The Air Performance. Applicable for testing virtually any wireless device, it includes a shielded chamber, two axis conical scan positioning system, instrumentation and software.

Features

- Free Standing Shielded Chamber requiring only 10 ft (3m) vertical clearance
- Operating frequency of 750 MHz to 6 GHz
- 12 inch (30 cm) test zone
- Accommodates a SAM Phantom Head
- Meets CTIA Certification Requirements
- Fast, automated measurements of TIS, TRP, Efficiency and radiation patterns

Characteristics

Frequency Range	750 MHz to 6 GHz
Quiet Zone Size	12 inches (30.5 cm)
Range Length	48 inches (122 cm)
Signal Level Ripple	<+/-0.5dB (Typ), +/-1.5dB (Max)
Measurement Uncertainty	0.3 dB at 95% Confidence
Test Method	Conical Cut
SAM Phantom Head Orientation	Vertical
Maximum SAM Phantom Weight	100 lbs (45 kg)