

Model 2100A Wireless Test Lab



Description

The Model 2100A is a compact measurement system designed to make Over the Air (OTA) measurements on wireless devices. It is a scaled down version of the popular CTIA certified Model 3100. While not meeting the current range length requirement of the CTIA Test Plan for Mobile Stations, it does provide measurement uncertainties that are consistent with the CTIA requirements in a small, mobile chamber that requires no facility modifications.

Features

- Free Standing Shielded Chamber 89in (L) by 69in (W) by 84in (H)
- Operating frequency of 700 MHz to 10 GHz
- 12 inch (30 cm) test zone
- Accommodates a SAM Phantom Head
- Fast, automated measurements of TIS, TRP, Efficiency and radiation patterns

Characteristics

Frequency Range	700 MHz to 10 GHz
Quiet Zone Size	12 inches (30.5 cm)
Range Length	24 inches (61 cm)
Measurement Uncertainty	<0.5 dB (Typical)
Test Method	Conical Cut
SAM Phantom Head Orientation	Vertical
Maximum SAM Phantom Weight	35 lbs (16 kg)
Shielding Isolation	75dB
Phi Axis Travel	Continuous
Theta Axis Travel	0-165 degrees