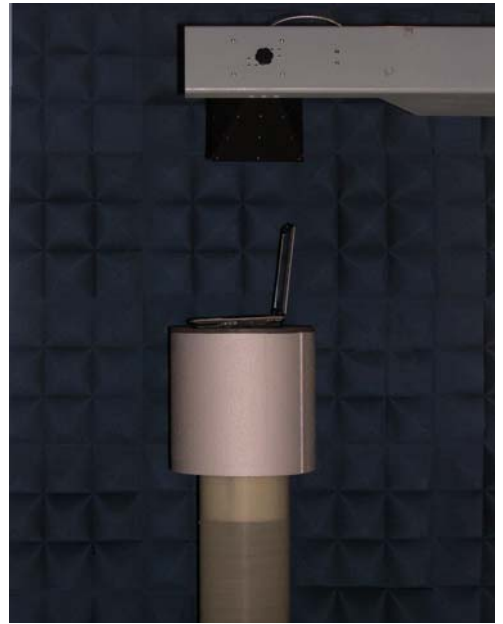


Model 4100 Wireless Test Lab



Description

The Model 4100 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. The Model 4100 is designed specifically to test both terrestrial DMB signals at 400MHz and satellite DMB signals at 2.6GHz.

Features

- Free Standing Shielded Chamber requiring only 15 ft (4.6m) vertical clearance
- Operating frequency of 400 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 and Efficiency

Characteristics

Frequency Range	400 MHz to 6 GHz
Quiet Zone Size	12 inches (30.5 cm)
Range Length	60 inches (150 cm)
Signal Level Ripple	<+/-0.5dB (Typ), +/-1.5dB (Max)
Measurement Uncertainty	<0.3dB @ 95% Confidence
Test Method	Conical Cut
SAM Phantom Head Orientation	Vertical
Maximum SAM Phantom Weight	100 lbs (45 kg)

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