



EC-SORB® PH-SAMHEAD

SAM-Compliant Solid Head Phantom

Product Overview

- Solid head phantom conforming to the IEEE SAM geometry
- Designed for the development and evaluation of wireless devices operating in close proximity to the human body

Typical Applications

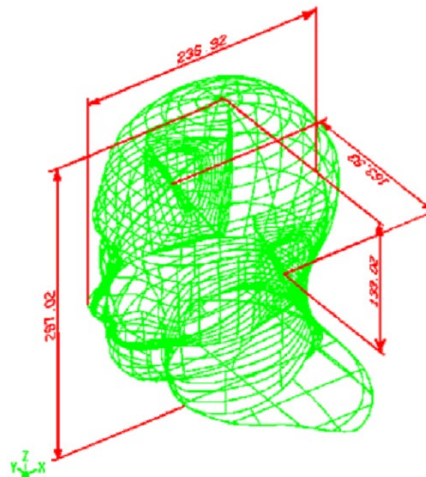
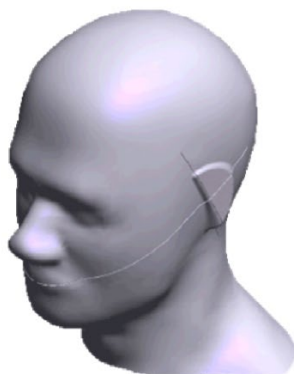
- CTIA-compliant evaluation of cell phones
- Performance evaluation of wireless devices used near the human body
- SAR and OTA testing
- RF measurements considering human-body



Construction & Features

- Conforms to the IEEE SAM geometry
- Geometry designed for accurate and repeatable cell phone positioning
- Solid construction eliminates the container effects associated with liquid phantoms, enabling electric field evaluation near the antenna under conditions closer to actual use
- Lightweight construction with a typical density of approximately 0.75 g/cm³ (approximately 4.5 kg)
- Dielectric properties can be customized for the operating frequency
- Relative permittivity tolerance: $\pm 20\%$ (real part), $\pm 30\%$ (imaginary part)

EC-SORB PH-SAMHEAD



Performance values shown are typical values and are not guaranteed. The information contained herein is believed to be reliable; however, no warranty is expressed or implied. Product specifications and information are subject to change without notice.