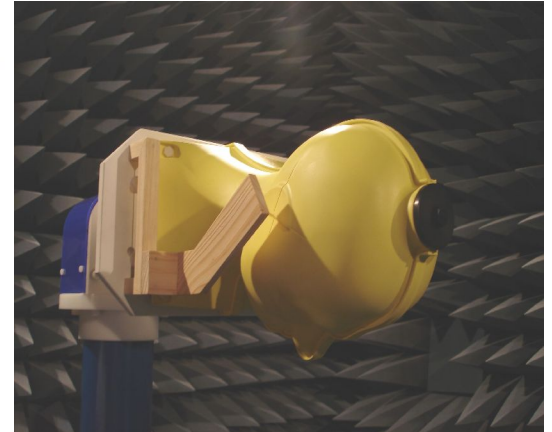


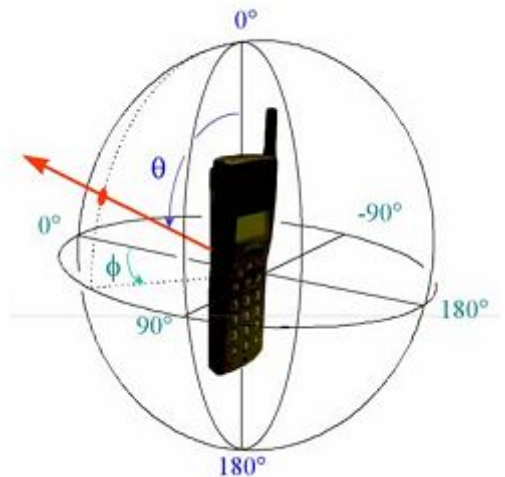
## Laboratory for radiated sensitivity and power measurements

The measurements of receiver radiated sensitivity and transmitter radiated power are precious sources of information about radiated performance of telecommunication terminals. These measurements are crucial for testing mobile terminals quality during network connection, voice calls and data transfers.



Thanks to its R&D team wide and long experience, Sicom can design and provide to its customers a complete laboratory for radiated sensitivity and power measurements on GSM and UMTS telecommunication terminals.

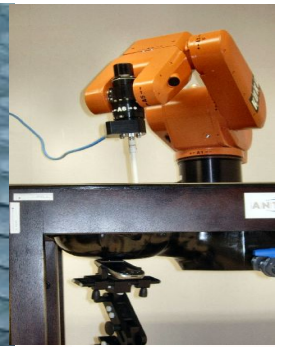
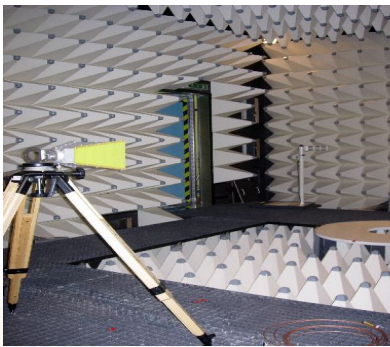
Sicom designs the laboratory environment, selects the material and instrumentation providers (shieldings, absorbing panels, device positioners, antennas for measurements and calibration, network emulators, artificial head) and develops all the necessary software for automatic testing.



Customers can benefit from the software tool for automatic production of test reports in pdf format canceling downtime and reducing the overall cost of testing.



**Quality assessment of  
network connection, voice calls and data transfers**



Inside the laboratory all the measurements can be performed according to CTIA method (Cellular Telecommunications & Internet Association) or according to similar methods developed by the network operators. Currently the software to perform measurements according to Telecom Italia and Vodafone Global acceptance protocols is already available and more can be developed on demand.

Sicom has full control on the design of the test system and this can be easily adjusted to the specific customer requirements. For example a version of this measurement system has already been released for testing small digital TV receivers.



**Sicom test s.r.l.**

Area Science Park - Padriciano, 99

34149 Trieste - Italy

Tel.: +39 040 375 5740

Fax : +39 040 375 5738

**E-Mail:** [roberto.passini@sicomtesting.com](mailto:roberto.passini@sicomtesting.com)

**Web:** [www.sicomtesting.com](http://www.sicomtesting.com)

