



# Test and Measurement Laboratory

Antonio Rojas, Juan Carlos Soler and Alejandro Llamas

CETECOM

c/ Severo Ochoa 2, Parque Tecnológico de Andalucía, Campanillas (Málaga)

E-mail [arojas@cetecom.es](mailto:arojas@cetecom.es) / [jsoler@cetecom.es](mailto:jsoler@cetecom.es) / [allamas@cetecom.es](mailto:allamas@cetecom.es)

**Abstract:** RF Test and Measurement of telecommunication equipment (wire and wireless) including antenna parameter measurement and RF propagation up to 40GHz. Electromagnetic Compatibility Measurement (civil and other specific standard), Electrical Safety Testing for Low Voltage Directive and Environmental Testing for Electronic Equipment and components including antennas.

## ACTIVITIES

Cetecom is involved in several research and development projects focused on Wireless Technologies: RFID, and Antenna parameters measurement.

Regarding RF Measurements and Antenna Parameter Measurement, our activity is involved in the measurement of VSWR, RF power, Frequency Shift, in-band interference, co-channel interference, radiation pattern ,antenna gain , etc. Actually we are involved in the development of a Multiple Standard Test System for Antenna (and radiation structure) parameters up to 50GHz.

