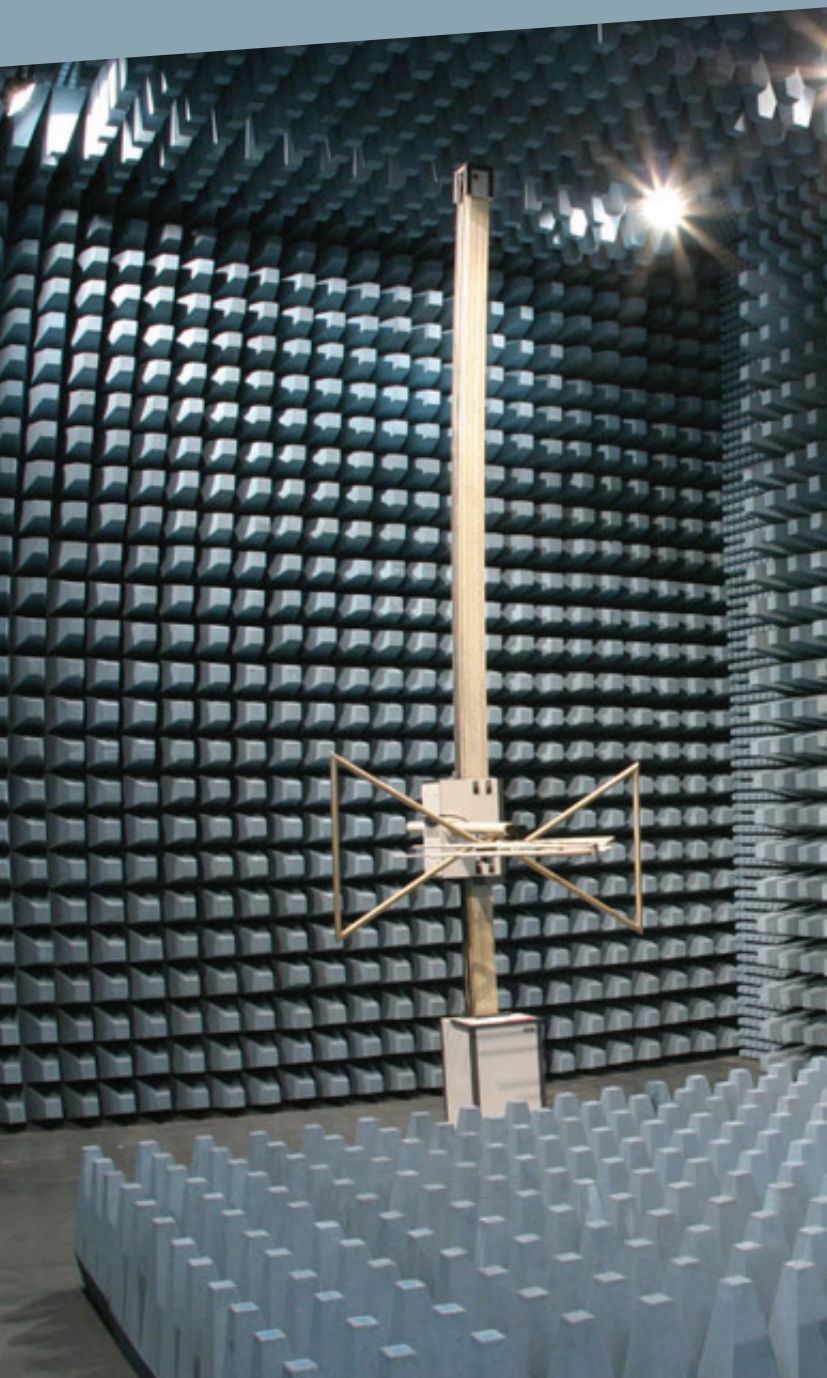


RADIO FREQUENCY AND ELECTROMAGNETIC COMPATIBILITY



CE Marking

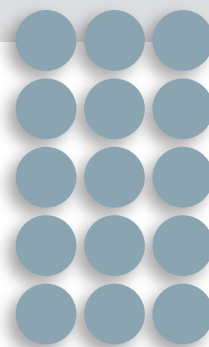
Homologation

Validation

Tests

Our engineers are used with all the tests and measurements in RF and EMC fields which are necessary to obtain the homologation or the validation for your equipments or installations.

In our laboratories or on customer site, we answer to the requirements of many regulations and standards; covering the following markets : automotive, marine, railroads, defense, telecommunication, electronics, ...



ELECTROMAGNETIC COMPATIBILITY

CE MARKING

We carry all of the measurements and tests necessary to obtain the declaration of conformity of your products, machines (test benches, ...) and production lines.

Our immunity tests include:

- Emission and immunity tests, either conducted and radiated
- Electrostatic Discharges
- Electrical Fast Transient /Burst and Surges
- Voltage dips, short interruptions and voltage variations
- Harmonics and flickers
- Exposure to E and H fields and stress measurements

AUTOMOTIVE COMPONENTS

To meet regulatory standards or manufacturers requirements, we carry out the approval tests of many components:

- Bulk Current Injection (BCI)
- ISO pulses
- Resistance to power and / or to load failure

SITE VALIDATION

For maintenance or validation of anechoic and semi -anechoic rooms and outdoor test sites, we manage following validations:

- NSA (Normalized Site Attenuation) with network analyzer
- FSNSA (Free Space Normalized Site Attenuation) with network analyzer
- SVSWR (Site Voltage Standing Wave Ratio) with network analyzer

Our measurements include :

- Field Uniformity
- Shielding Effectiveness

IFR MEASUREMENTS OF RADOME PANELS UP TO 18 GHz

MEASUREMENT OF SCATTERING PARAMETERS UP TO 18 GHz

EXTREMELY LOW FREQUENCIES (ELF)

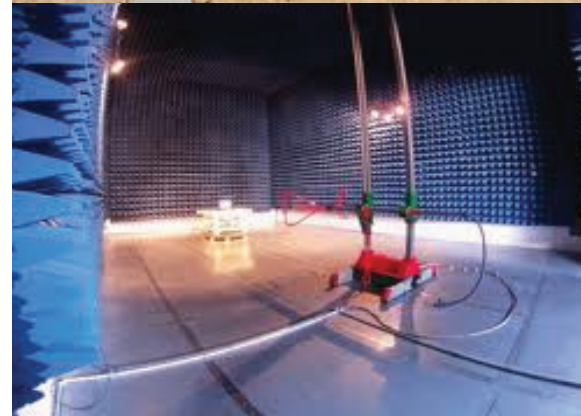
Measurements under extreme solicitation at Low Frequencies, fields beyond 10kV/m and 300 A/m at frequencies from 50 to 5000 Hz;

- Parallel plates
- Helmholtz coil

RADIOFREQUENCY

Our measurements cover both broadband (up to 40 GHz) and narrowband (up to 18 GHz) and can respond to all types of civil or military antennas (TV, radio, telephone, radar surveillance) .

Our experts are able to advise and train you on the rules and methods of measurement.



Corso Fleming, 27
10040 DRUENTO (TO)
Italy

Tel. +39.011.9941921

Fax +39.011.9941940

e-mail: labemc@teseo.clemessy.com

www.teseo.net