

REFERENCES

ANTENNAS CHARACTERIZATION FACILITY  
RADIO-FREQUENCY (RF)



**Anechoic chamber**









**Tests in open area conditions**

- On antennas or embedded systems for Telecom, IoT, defense ...
- For measurements of antenna parameters in near field, far field
- For Radar Cross Section (RCS) measurements
- Chambers for « HWIL - RF HardWare In the Loop » tests integrating simulation systems: Target Motion Simulators (TMS) and Flight Motion Simulators (FMS)
- Mono or bi-reflector compact ranges for testing on satellites compliant with clean room type use (class 4 conformity according to ISO 14644-1).
- PIM (Passive Intermodulation) chambers for payload testing of telecommunication satellites and base stations

**Solutions**

- Faraday cage
- Electromagnetic absorbers
- High / low currents
- Filtered feedthroughs
- Associated lots interfacing : scanners, positioners, aircon, fire detection / extinction, CCTV
- Integration of equipment and instrumentation

**Scope**

 Design	 Studies	 Manufacturing	 Installation
 Upgrade, refurbishment	 Moving, maintenance	 Measurements	 System integration

