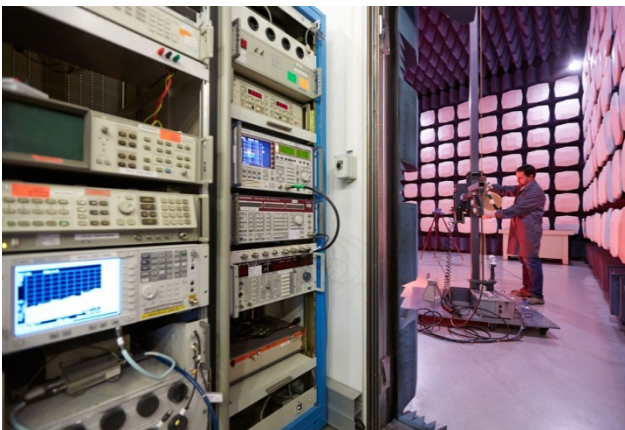


Certification of Radiofrequency Equipment

Conformity Assessment and Certification services of Telecom Equipment to certify the compliance with national and international standards and European Directives.



- Accredited third-party laboratory
- International recognition
- Close to prescribers

AIMED AT

- Manufacturers and importers of:
 - ✓ Telecom products
 - ✓ Energy products
- Telecom Operators & Energy Utilities
- Public Administrations

SERVICES

- Conformity Assessment with standards and clients specifications
- Technical Assistance
- Market Surveillance and Benchmarking
- Technical Consulting
- Exposure to electromagnetic fields
- Qualification of Providers

TEST OBJECTS

- Telecom network terminals: telephones, modems, routers, IP phones, PLC...
- Smart Meters & data concentrators
- RF transmitters and receivers
- Auxiliary elements

TESTS

- EMC
- RF spectrum
- Low voltage Safety
- Acoustics & Interface compatibility
- Climatic & Mechanical
- Chemical, Functional

TESTING FACILITIES

- Radiofrequency Laboratory
- EMC Laboratory
- Low Voltage Safety Laboratory
- Environmental Testing Laboratory
- Material Characterization Laboratory
- Protocols Laboratory



RECOGNITION AND ACCREDITATION

- ENAC accredited laboratory for Energy Sector with Accreditation No. 4/LE148:
 - Generation, Transmission, Distribution and Use of Electrical Energy in Medium and High Voltage.
 - Electromagnetic Compatibility (EMC).
 - Climatic and Mechanical Tests.
- Notified Body for 2014/30/EU Directive on EMC
- Recognized laboratory by LOVAG (Low Voltage Agreement Group)
- Recognized laboratory by LAPEM (Mexico)
- Member of CSEI&T in ENAC
- Member of TC210 in CENELEC
- Designated laboratory by Telefónica Spain
- Official laboratory of the PRIME Alliance



ENAC (Spanish National Accreditation Body) is member of International Laboratory Accreditation Cooperation (ILAC) and its accreditations are **recognized around the world.**



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TECNALIA is a private applied research & testing centre with the necessary human resources to generate technological knowledge. A combination of technology, tenacity, efficiency, courage and imagination.

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TECNALIA

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