

Orbital systems
Transversal competencies



Subsidiary of APAVE Group, SOPEMEA is composed of 7 entities and 1 training organization specialized in environmental qualification of equipment, EMC expertise, safety and electric products conformity. SOPEMEA's French laboratories are CIR, CII and COFRAC or UKAS accredited.

With a team reaching more than 200 persons, SOPEMEA Group is located in the area of Paris, Lyon, Grenoble, Valenciennes, and in Toulouse in France; and in Bideford, UK.

COMPETENCIES & CAPABILITIES

EMC support for the qualification of equipment or systems:

Writing test procedures and test reports / Performing EMC tests / Monitoring of EMC qualification / Design consultancy and assistance in solving EMC and electronic problems.

Technical assistance (digital simulation):

Analysis of the system and the initial digital model (CAD) / Request to the design office for CAD update / Construction of the digital model for 3D/1D co-simulation / Definition of the matrix of calculation cases / Analysis of calculation results and definition of an optimal configuration / Consolidation of the methodology to be applied based on the input data and expected results / Writing of the analysis report.

Essais CEM - Normes couvertes

- ECSS-E-ST-20-07C
- MIL-STD-461
- Spécifications CNES/THALES/Airbus D&S

Salle propre ISO 7 (classe 10 000)

ESSAIS EN ZONE PROPRE

Salle propre mobile

ESSAIS DE RAYONNEMENT (REBS) jusqu'à 40 GHz

Special coating

Antistatic PVC slats

ThalesAlenia Space

Syrlinks

SAFRAN

EREMS

Bertin

cnes

SOPEMEA

PRODUCTS & SERVICES

For over 70 years, SOPEMEA has offered its customers a full range of support and testing services to test all types of equipment in the mechanical, climatic, electrical, hydraulic and electromagnetic compatibility fields, CE marking and measurements on site. SOPEMEA covers the Aeronautics, Space, Defense, Rail, Energy and Nuclear, Automotive, Medical and consumer industrial equipment markets.

Sopemea offers its support from the elaboration of your test strategy to the final qualification of your equipment. Sopemea also offers training in line with your tests.

Sopemea offers a wide range of services to ensure operational readiness of your test equipment, from the most traditional to the most complex.

Among our references: Airbus, Alstom, ARQUUS, BERTIN, CNES, EDF, LIEBHERR, MBDA, Safran, Nexter, Framatome, RATP, Renault-Nissan, STEEL Electronique, Syrlinks, Thales.

MAJOR SPACE PROJECTS & REFERENCES

SOPEMEA worked on the following space projects:

- Solar-Orbiter (Erems)
- Myriade-Evolution (Syrlinks, Bertin, Erems)
- INSIGHT (CNES/JPL)
- ANGELS / X-IFU / Ballon BPS (CNES)
- SUPERCAM (IRAP CNRS)
- TARANIS (Bertin)
- ARGOS 4 (Steel Electronique & Syrlinks)
- Satellites de télécommunication (Egypt Milsatcom, ...)
- ALEXANDRITE (Syrlinks)
- OBC MICROCARB (Steel Electronique)
- SWFS (BertinTechnologies)
- DOCON, MILCOMSTAR, UPCONV YENISEI (Thales Alenia Space)

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TURNOVER 21 M€

WORK FORCE 206

SPACE TURNOVER 0.6 M€

SPACE WORK FORCE 30