

Our services

RELIABILITY OF EMBEDDED SYSTEMS

« *The qualification of your equipment in extreme environments* »

X or electron irradiation

determination of total ionising dose (TID)
effects on components and systems

Design and construction of equipment

proper functioning tests for hostile environment, establishment of preventive maintenance plans

Modelling tools

optimisation of the resistance of electronic equipment to the effects of ionising radiation and dimensioning of shielding

The growth of ever more complex information systems in the space, aeronautical, nuclear or defence industry leads to consideration of the impact of ionising radiation, of natural (such as cosmic) or artificial origin, on these components or integrated systems.

ATRON Metrology has a radiation source that faithfully reproduces the environmental conditions to which these systems may be subjected too in terms of doses and dose rates, as well as temperature and atmosphere.

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ATRON Metrology

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