

Your partner for Space Radiation Engineering

TRAD Tests & Radiations provides advanced services and a unique expertise to assist companies in **predicting and minimizing radiation effects** on their products and systems.

Our space engineering experts operate as much in the field of **radiation protection** as in the study of **systems behavior** in a space environment.

YOUR NEEDS

- Be compliant with the RHA process
- Develop your radiation skills
- Have a partner for any issues concerning radiation
- Optimize your radiation shielding
- Study new radiation phenomena or technologies

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Mapping Electrons with the FASTRAD® Reverse Monte Carlo

OUR SOLUTION

- Assist you in any step of the RHA process
- Evaluate the radiation sensitivity of your components TID, TNID, SEU, SET, etc.
- Modelize your structures and calculate the received doses using FASTRAD®
- Develop **customized tools** for your analysis
- Offer trainings on radiation effects in the space environment

Evaluate sensitive EEE parts

Predict SEE
error rate
Estimate TID & TNID
tolerance

Find solutions in case of non-compliancy

Define the radiative environment

Research radiation test data available

Calculate
the received dose
Sector analysis
Reverse Monte Carlo

Validate Spacecraft radiation design

Our added value

- 25 years of experience
- A multidisciplinary team of PhDs and Engineers
- FASTRAD® & OMERE software development

They trust us











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