

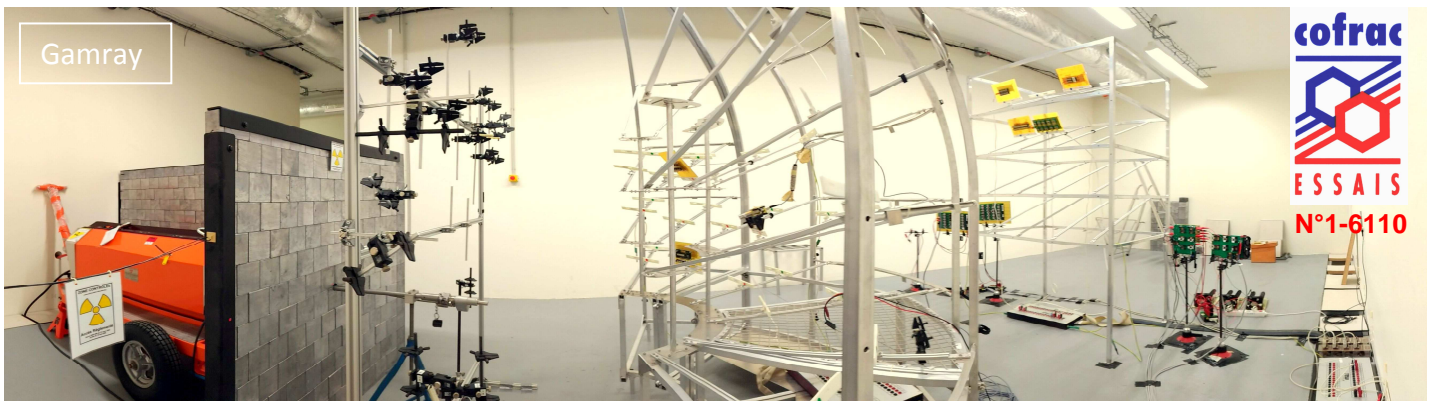
TRAD Tests & Radiations provides advanced services and a **unique expertise** to assist companies in **predicting and minimizing radiation effects** on their products and systems.

The cumulated dose can induce a degradation of electrical and functional parameters up to the destruction of the electronic components. Gamma radiation from a **Co-60 source** is a **standard method** for **simulating the deposition of "ionizing" energy** due to the charged particles of the space environment.

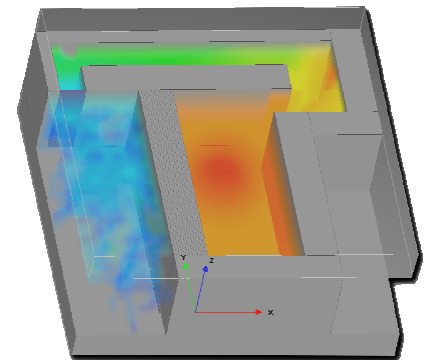
European leader in TID, TRAD own a 17025 COFRAC accredited Co-60 irradiation facility:

**TRAD
Advantages**

- To improve value for money, reliability and reactivity,
- To ensure a high quality service providing irradiation procedures compliant with MIL-STD, ESA/SCC, ASTM or other space and nuclear specifications.

**Facility characteristics :**

- Dose rate from 10rad(Si)/h to 4krad(Si)/h.
- Gamma radiation with two main lines at 1.17 and 1.33 MeV
- The chamber temperature is controlled : 20°C (±3°C)
- The useful irradiation volume is : 45 m³
- Chamber opening at set times



Preliminary study of dose rate spreading - Rayxpert® Software

Customers' benefits :

- Access to all trained personnel (On-site training by TRAD)
- Dedicated test room with Internet access and telephone line
- Provision of flow rate and total dose measuring minutes



For more information : www.trad.fr

