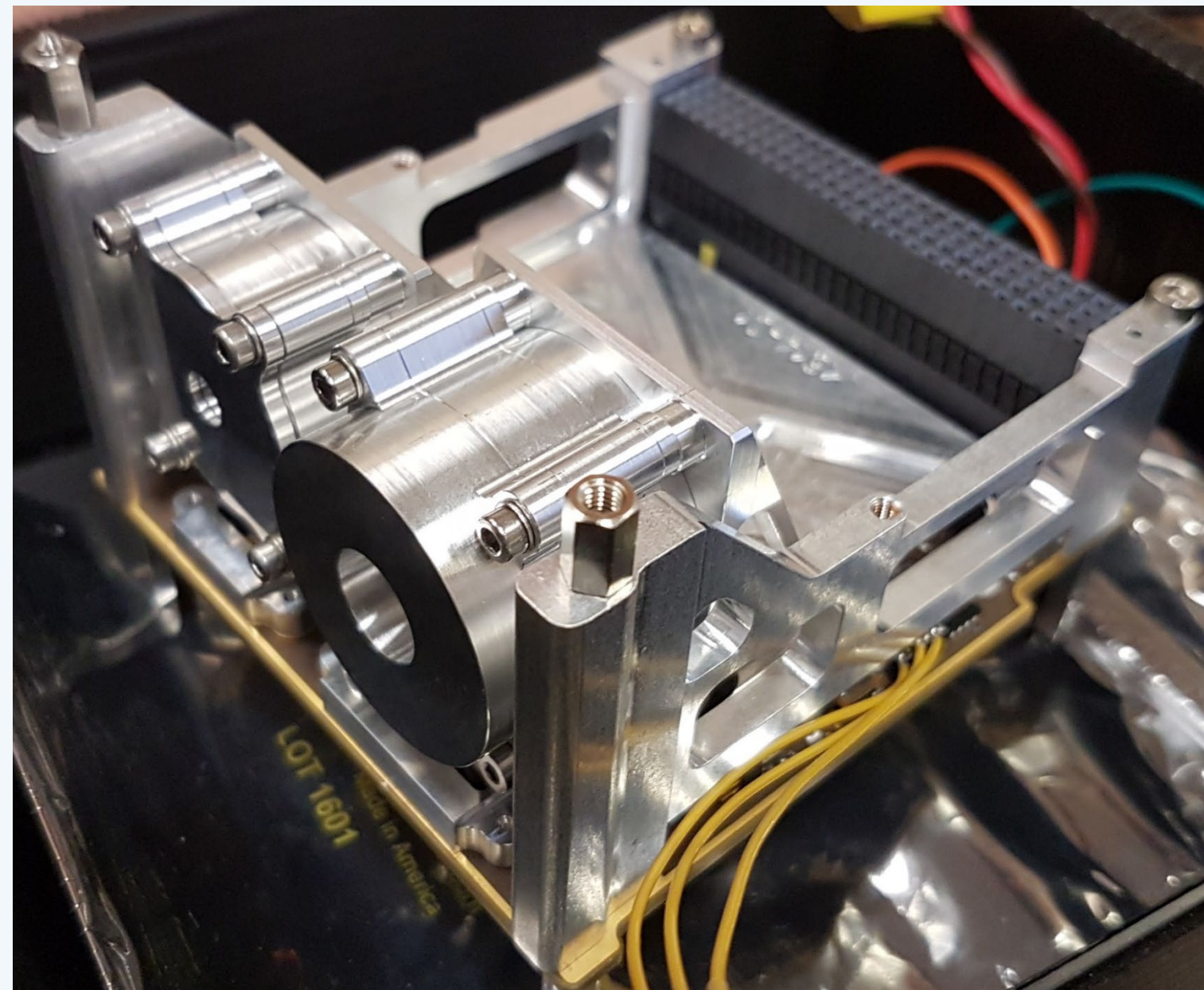
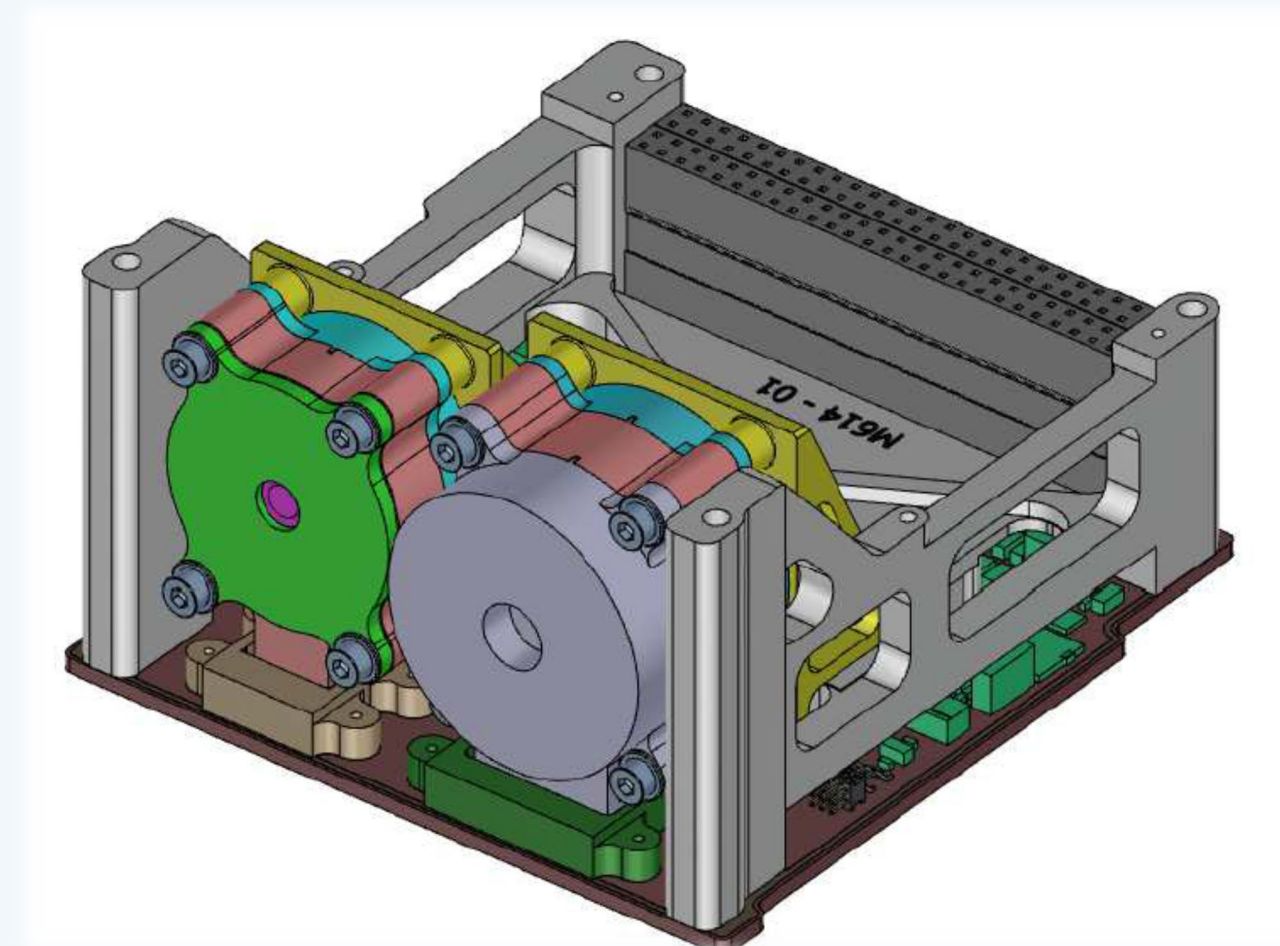
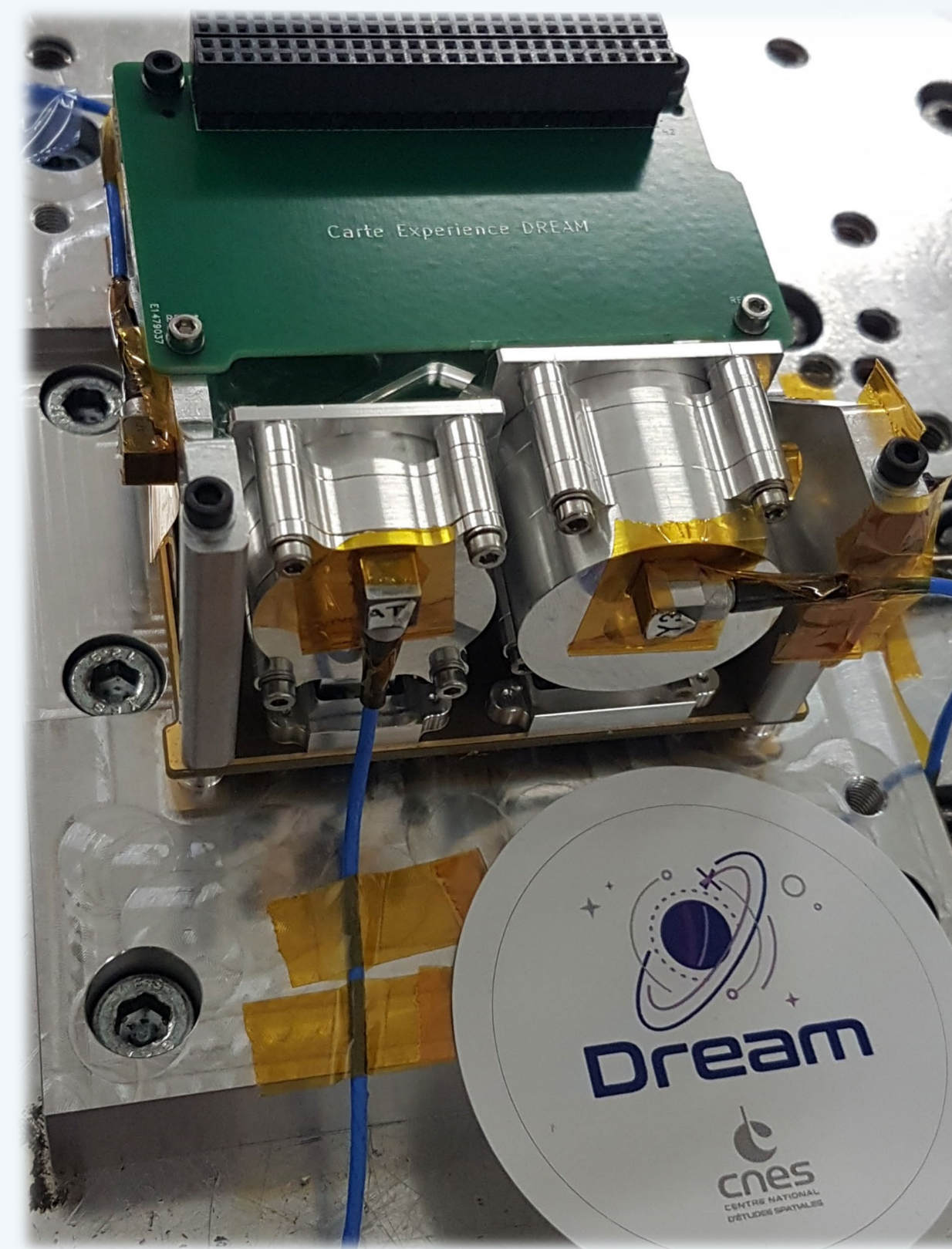
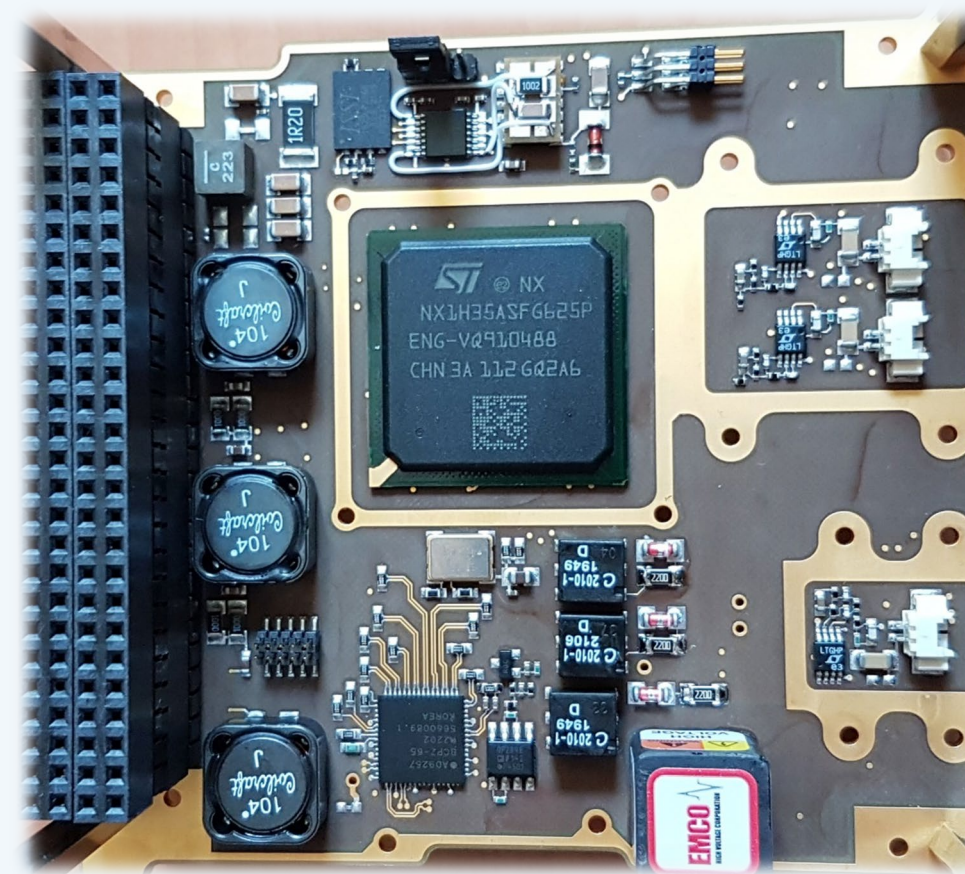
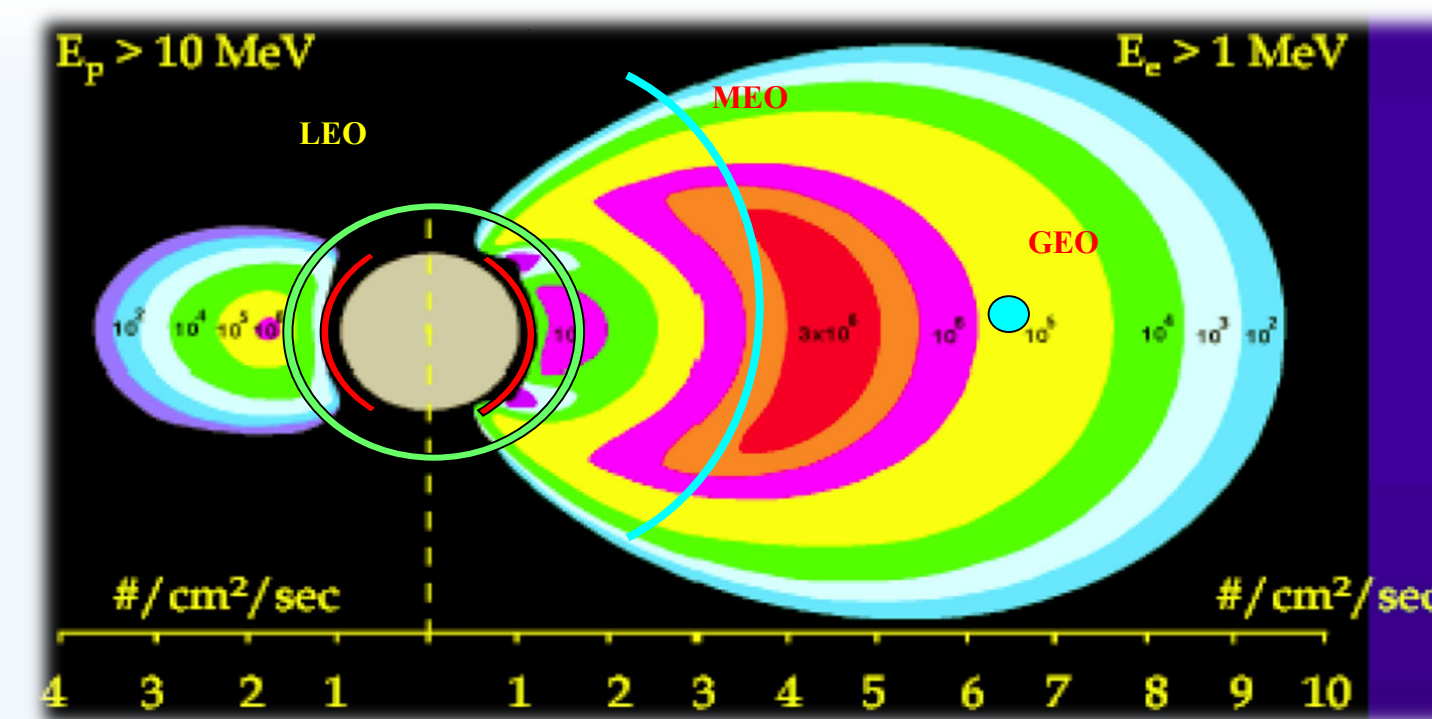


# DREAM & GLOWRIA Instruments

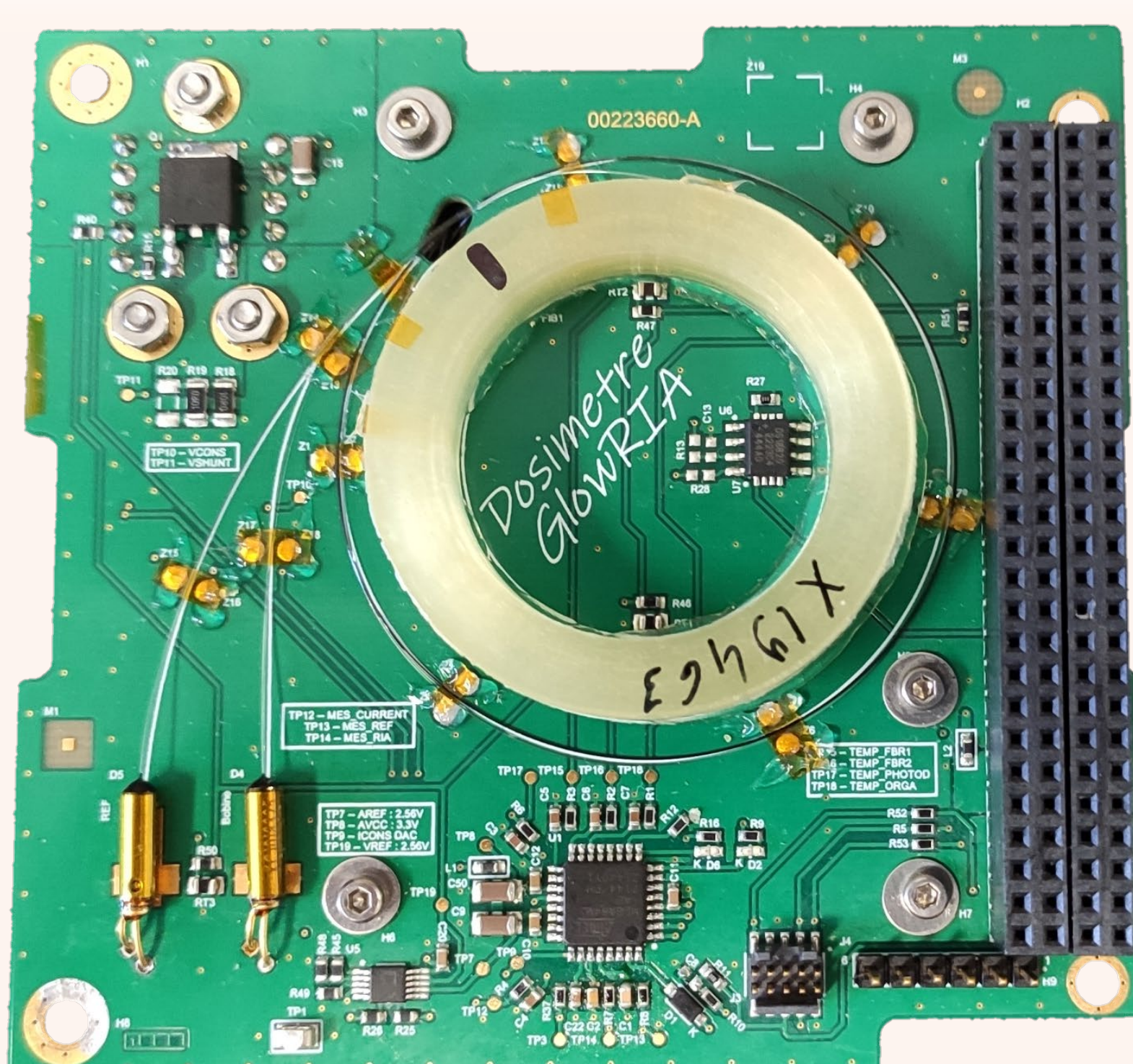
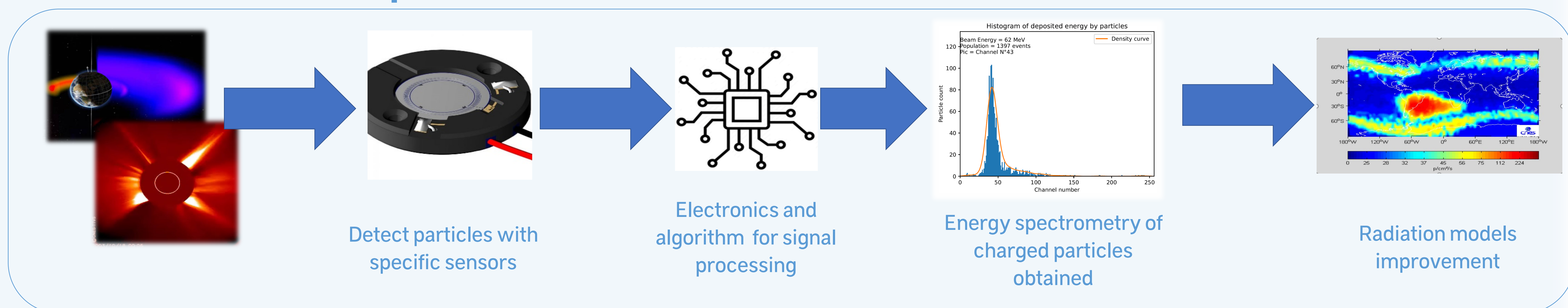


**NX**  
NanoXplore  
French FPGA  
from  
NanoXplore  
inside

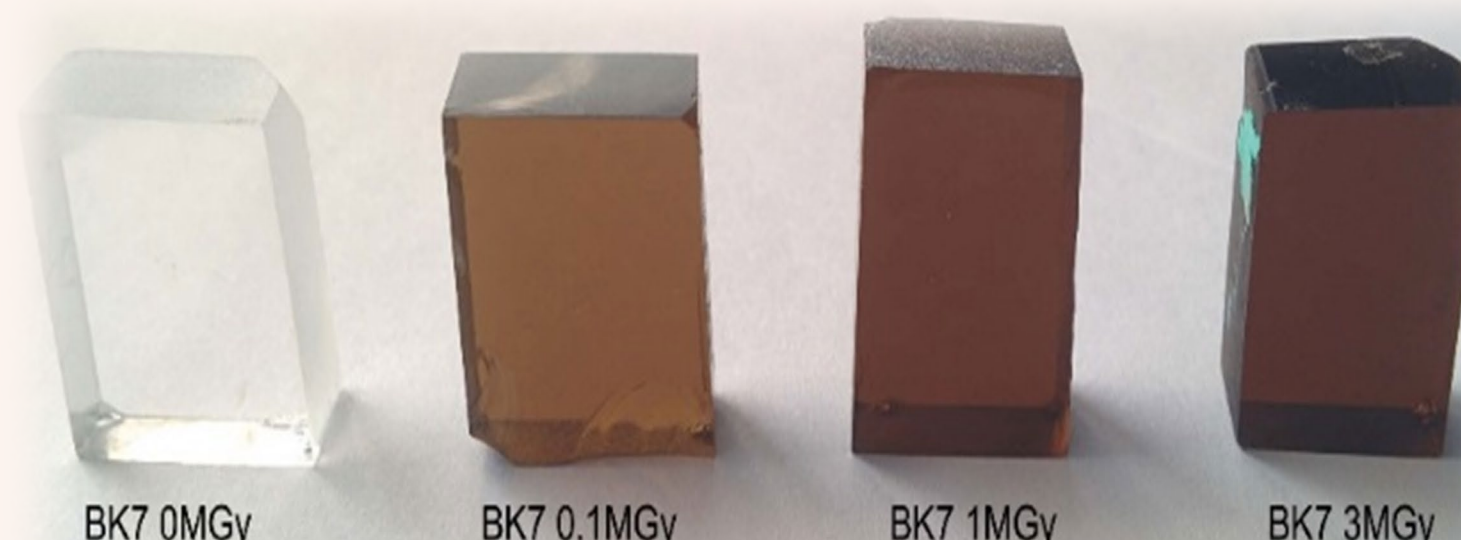
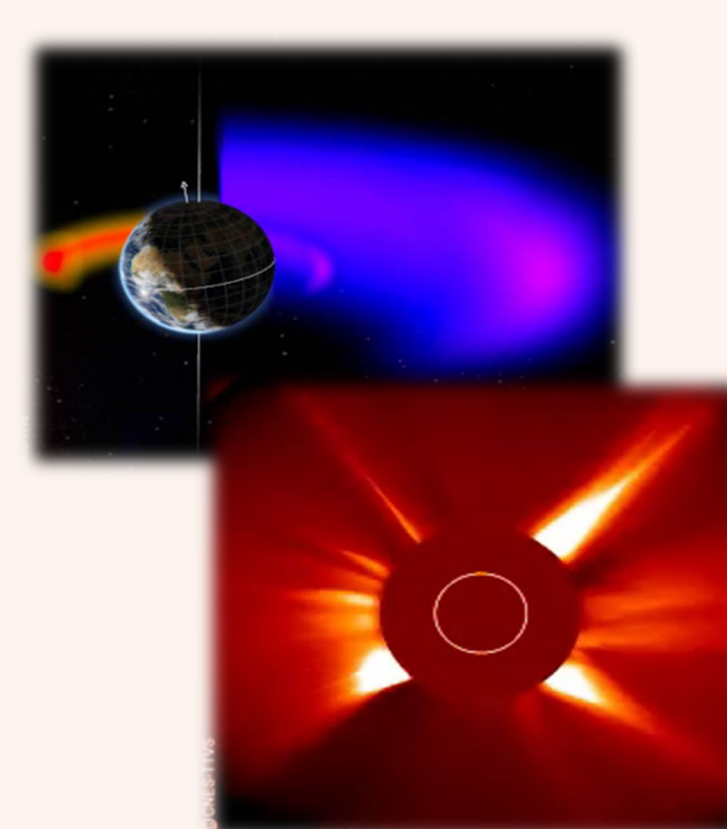


	DREAM technical specification
Mass	<400g
Volume	<0.55U (55x100x100mm)
Consumption	2.5W typical, under 5V
Performance	Can provide 256 energy channels and also an oscillogram of the signal
Technology sensor	Silicium Diode from Mirion

## Instrument description

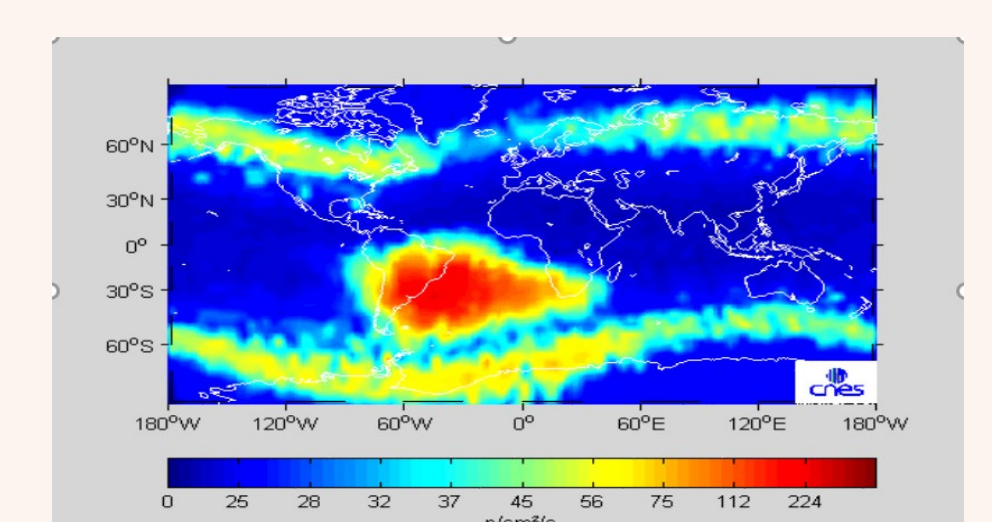


## Miniaturized Optical Fibre Based Dosimeter



## Radiation Induced Attenuation (RIA)

- Ionising dose :**
- Electrons
  - Protons
  - Neutrons
  - Heavy ions
  - Photons



## TID Radiation Models

	GlowRIA technical specification
Mass	<300g
Volume	<0.2U (20x100x100mm)
Consumption	< 1W typical, under 5V
Performance	High sensitivity : 30 mrad with 500m Up to 1krad dynamic
Technology sensor	P doped optical fiber

