

Who gave the sensors for the test?

Range?

- 8x Pressure Transmitter (tested on behalf of the EP-DT-FS gas group):
 - *Aplisens* PRE-28 (05224090)
 - *Aplisens* PCE-28 (04224336)
 - *Aplisens* PRE-50G (05224091)
 - *Aplisens* PRE-28 1/4NPTF (04224522)
 - *Aplisens* PCE-28 G1/4 (04224332)
 - *Aplisens* PCE-28 (04224338)
 - *SIKA* DSI52835420W01
 - *SIKA* DSI525-677-420W02-1/4G

4.6 Pressure Transmitter Aplsens and SIKA (EP-DT-FS gas group)

The eight pressure transmitter from *Aplsens* and *SIKA* were included into this test campaign on behalf of the EP-DT-FS gas group and the results are illustrated in Figure 10. The interpretation of the results will be left to the EP-DT-FS gas group.

Similarly to the KELLER pressure transmitter, these sensors reveal a similar behaviour in response to irradiation. The measured signal starts to float at some point which can be an indication of electronics malfunctioning or damage.

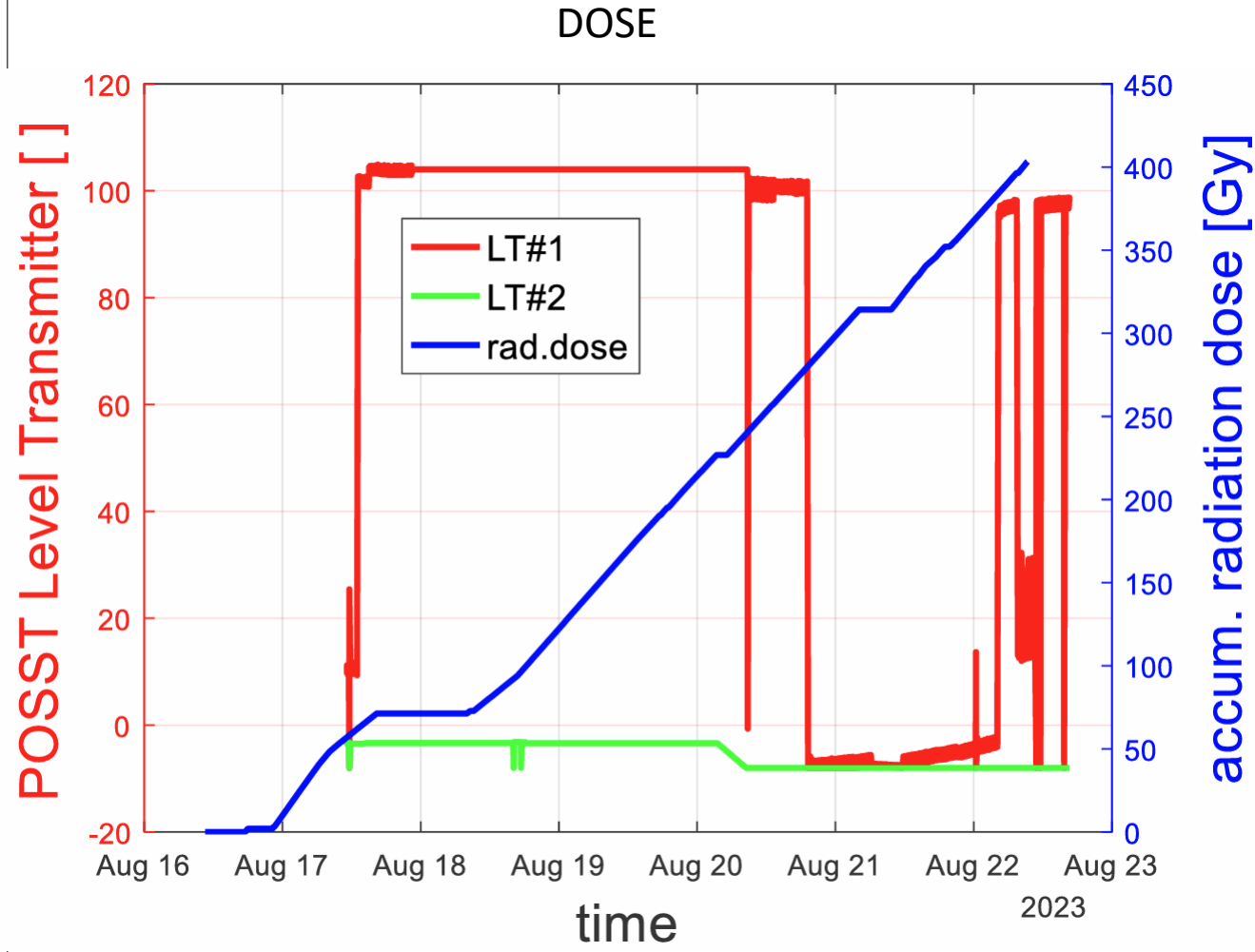
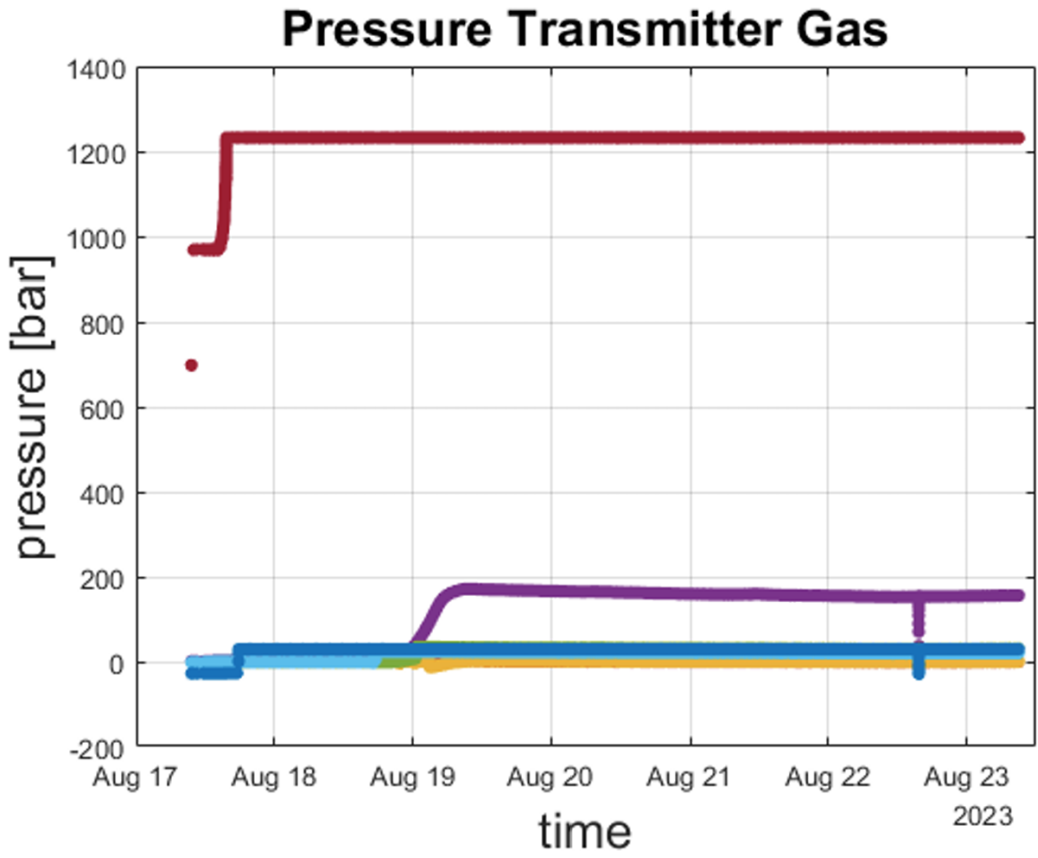


Figure 10: Test results of the pressure transmitter Aplsens and SIKA (on behalf of EP-DT-FS).

<https://indico.cern.ch/event/1441376/contributions/6065440/attachments/2903217/5092122/PressureSensors.pdf>

Order status:

Applied Measurements

Suku

Keller

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