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Title: Total ionizing dose (TID) evaluation of magnetic tunnel junction (MTJ) current sensors

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- An experimental study to know the behaviour of tunnel magnetoresistive effect-based current sensors in response to irradiation dose is presented.
- The protocol described in the ESA ESCC Basic specification no. 22900 was followed in his main procedures.
- The measurements revealed a slightly reduction in the sensor sensitivity during the irradiation period followed by a recovery of their nominal and initial values once the irradiation disappeared.

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