

Summary of measurements after first irradiation of HPK samples for CMS

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The aim of the CMS-HPK-campaign is to find a new sensor material for the HL-LHC Upgrade of the CMS-tracker. Different test structures and sensors were implemented on a variety of silicon materials by HPK, Japan. The first planned irradiation step (protons $3 \cdot 10^{14} \text{ neq/cm}^2$ and neutrons $4 \cdot 10^{14} \text{ neq/cm}^2$) was done and the results concerning dark current, effective doping concentration and CCE will be presented.

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