
7007[2x!.


OVETVICW
Pixel detectors with the ATLAS production design (oxygenated
silicon sensors + DSM rad-hard electronics) have been irradiated to
$1.1 \times 10^{15} \mathrm{neq} \mathrm{cm}$
They have been tested at CERN with a 1800 kGray .
The following measurements have been performed:

- Depletion depth
- Charge collection
- Detection efficiency
- Spatial resolution


Several single chip assemblies with oxygenated silicon have been
irradiated to $1.1 \times 10^{15} \mathrm{n}_{\mathrm{eq}} \mathrm{cm}^{-2}$ and 600 kGray .


## UOITP!peaxI

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