

Latest results from the beamtest in Dec 2000 at KEK

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for the participants:

G. Moorhead, L. Eklund, M. Vos, P. Bernabeu, C. Ketterer, and domestic collaborators

and

many other contributors

- **Median pulse shape reconstruction**

Average of the two non-irrad modules, two links

Average of the one irradiated modules, two links

- **Extraction of median charges**

Pulse heights of 10 ns window around the peak time

For all modules, barrel and forward

- **Extraction of Signal/Noise ratios**

S/N is cancelling the uncertainty of calibration capacitance

Noise sigma at 2fC from the in-situ calibration

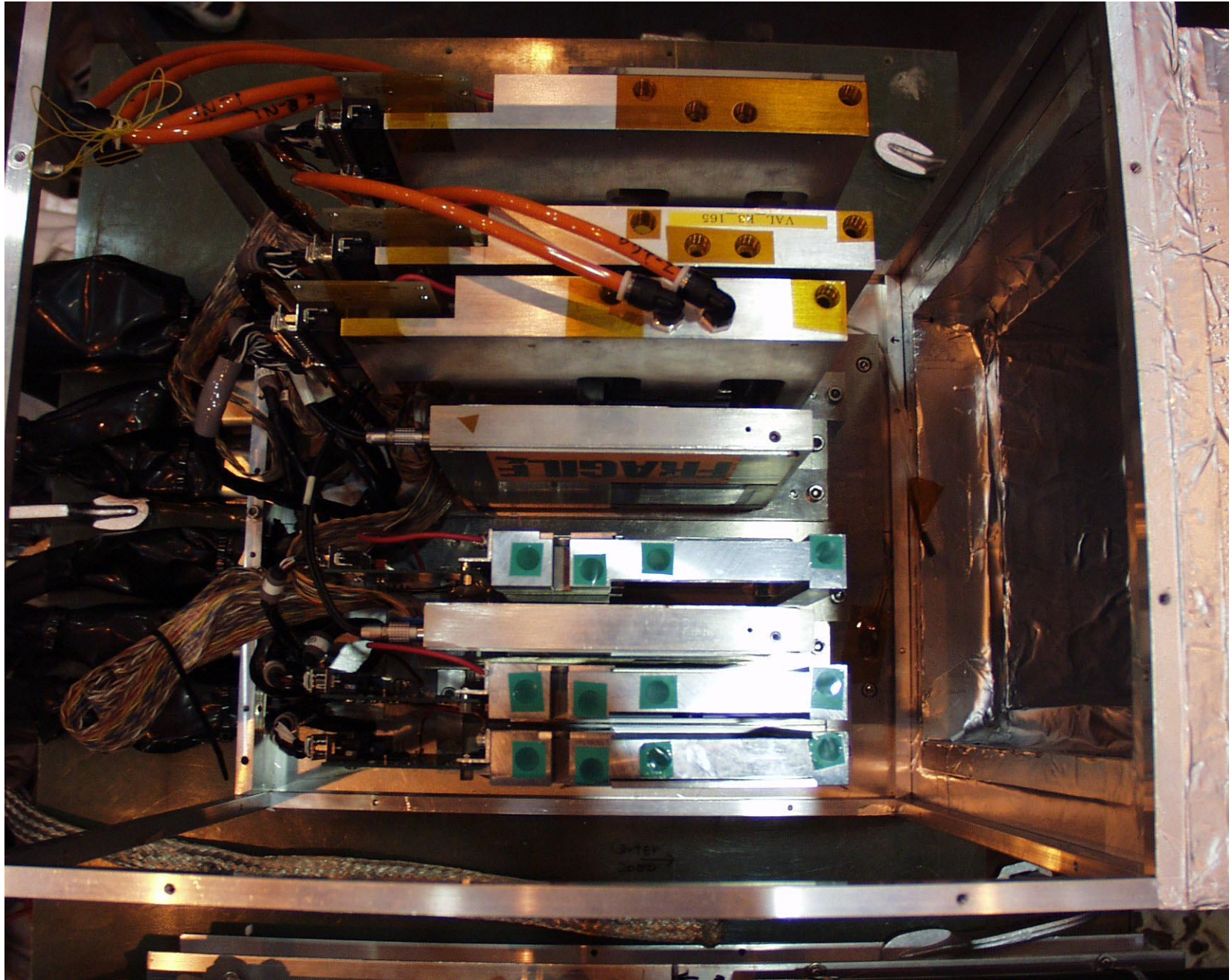
Setup

- **Module sequence**

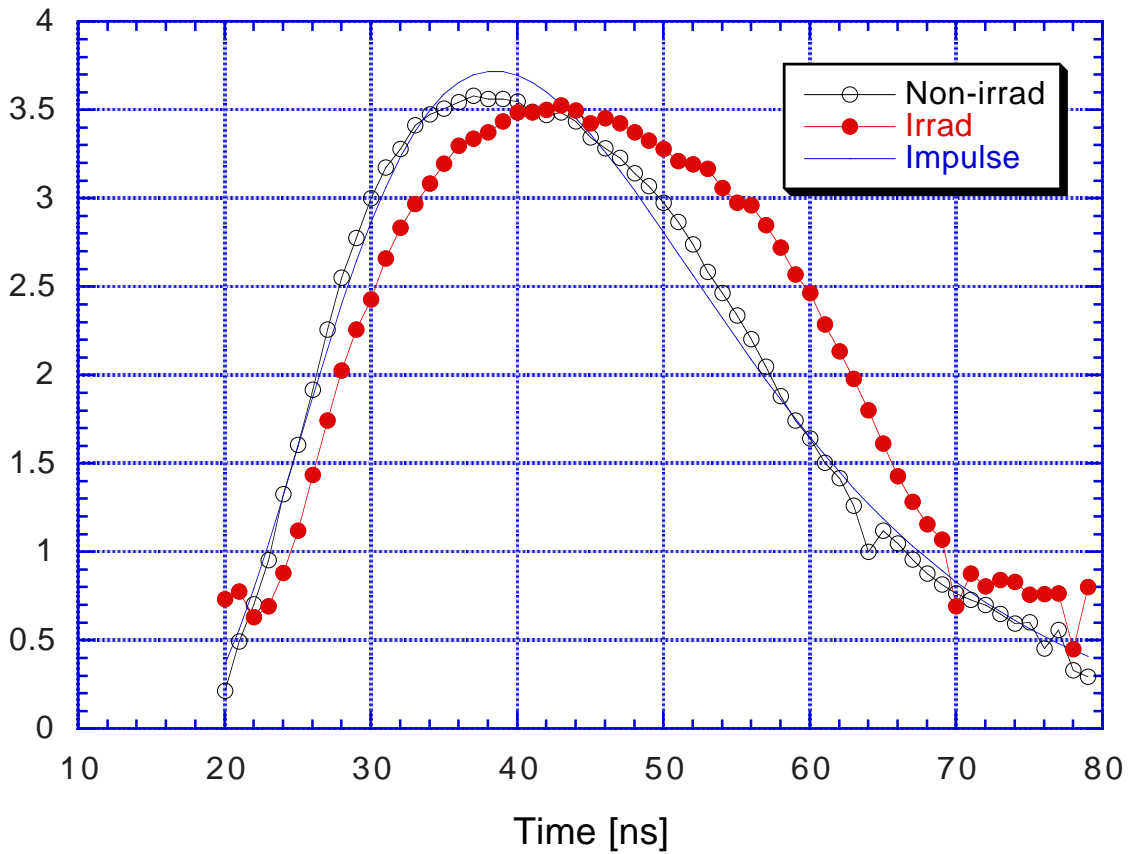
Mod0	k3103	ABCD2T chips
Mod1	20220170200011	ABCD3T DD
Telescope-A		
Mod2	20220170200022	ABCD3T Thin&Meta
Mod3	20220170200003	ABCD3T irradi.
Telescope-B		
Mod4	Val-k3-166	ABCD3T irradi.
Mod5	Val-k3-165	ABCD3T
Telescope-C		
Mod6	CG-k3-170	ABCD3T

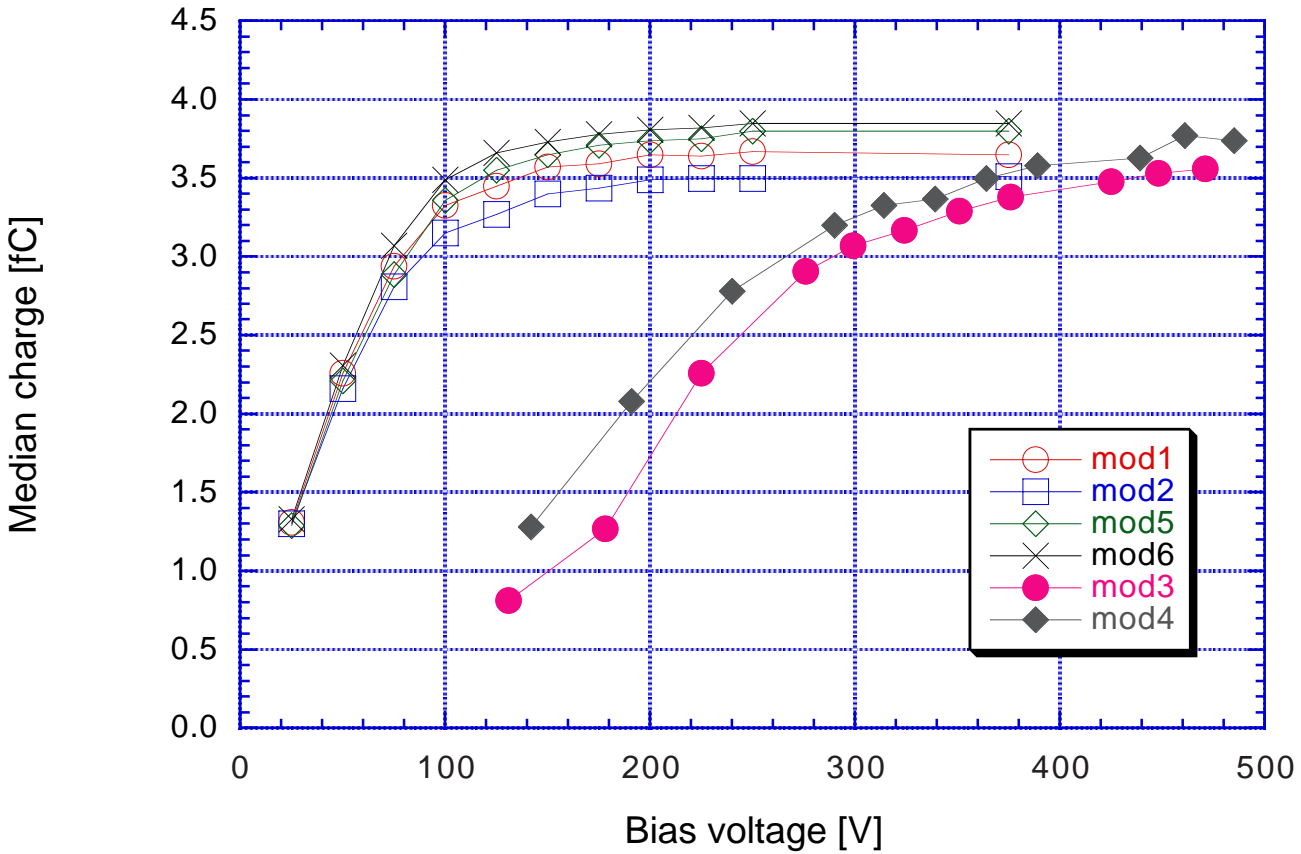
- **Drawings and photos**

Drawing - A3- AT2k1204

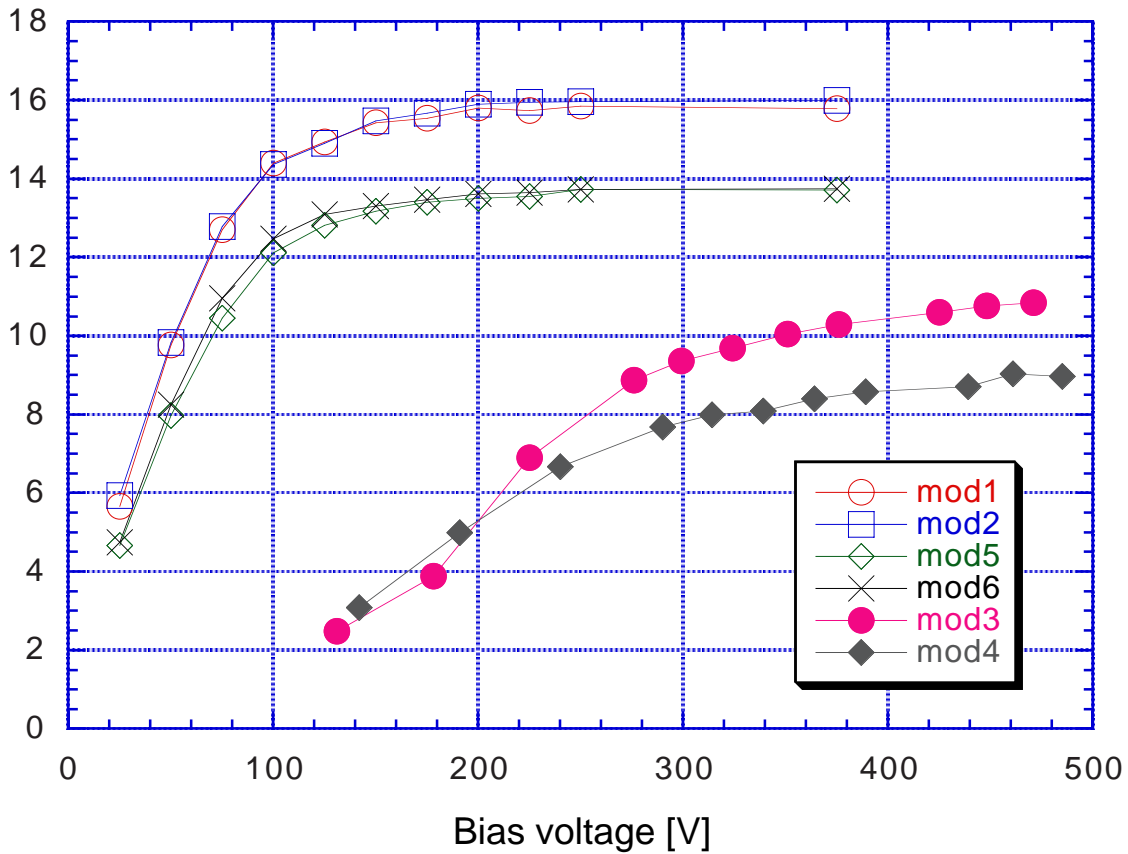


Median charge [fC]





Signal/Noise



Future plan

- **Include the pulse shape simulation by Marcel V. when he has succeeded**
- **Finalize the analyses in detail, in summer**
- **A paper will be submitted to the (poster) presentation in the coming IEEE Nucl. Scie. Sympo. in Nov. 6-8, and subsequently in the Trans. Nucl. Scie. issue of the symposium**