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Multi bunch GMMA Ray generation experiment at ATF

Tohru Takahashi

(Submitted on 7 May 2012)

We construct a new detector to monitor \$\gamma\$ yields in bunch by bunch basis for the Laser Compton experiment at the KEK ATF which is capable to separate \$\gamma\$ rays in 5.6ns-spacing multi-bunch operation of the KEK ATF. In this article we report a result of measurement of multi bunch \$\gamma\$ ray detection for the first time at the KEK ATF.

Comments: 6 pagese 4 figures, Proceedings of POSIPOL 2011, Beijing

Aug. 2011

Instrumentation and Detectors (physics.ins-det); High Subjects:

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Cite as: arXiv:1205.1282 [physics.ins-det]

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