

An Optical System for the Observation of Transverse Beam Motion, M. FERIANIS,

A. CARNIEL, A. BUCCONI, Sincrotrone Trieste - An electro-optical system has been developed at ELETTRA to monitor slow beam motion in the transverse plane. It is composed of a two dimensional linear photo diode which is installed at the light port used also for the profile monitor. The horizontal and vertical signals are digitized by a VME board and the results of the measurement are the presented on a dedicated panel. A bandwidth of up to 2.5 kHz is achieved with the present implementation.