

Performance of the MAX-II Injector,
A. ANDERSSON, L.-J. LINDGREN, MAX-LAB - The third generation synchrotron radiation source MAX-II has recently been commissioned. The small MAX-I multi-purpose ring, is in this context used as a slow cycling (1 pulse/minute), large current (200 mA) injector. Due to the low repetition rate, it has been almost necessary to monitor, in a non-destructive way, the quality of each extracted beam pulse. Beam parameters have been measured in the MAX I ring just prior to extraction, and at the end of the extraction beam transport line close to the injection point. This paper describes the extraction procedure and the hardware used. Measured beam parameters are presented and compared to the theoretical ones.