

The Dynamic Effect of the Vertical Field Corrector of the 1.8 T Wiggler, T.C. FAN, C.S. HWANG and F.Y. LIN, SRRC, Hsinchu, Taiwan, R.O.C. - Field correctors are necessary in insertion devices for the correction of the electron beam, especially in the ones with high magnetic field. Most of the insertion devices are usually tested in lab. statically. However, some unexpected field occurs while the gap of the SRRC 1.8 T wiggler, manufactured by STI Co., is moving. The authors will present the difference between the dynamic and static measurements of the wiggler, and explain this difference.