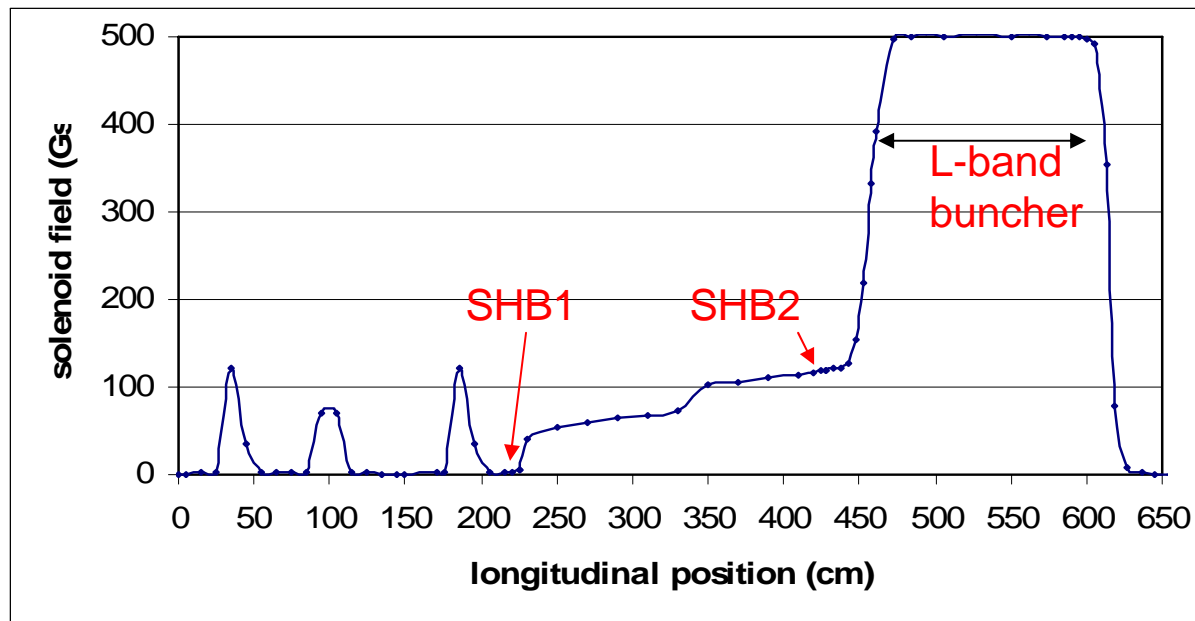
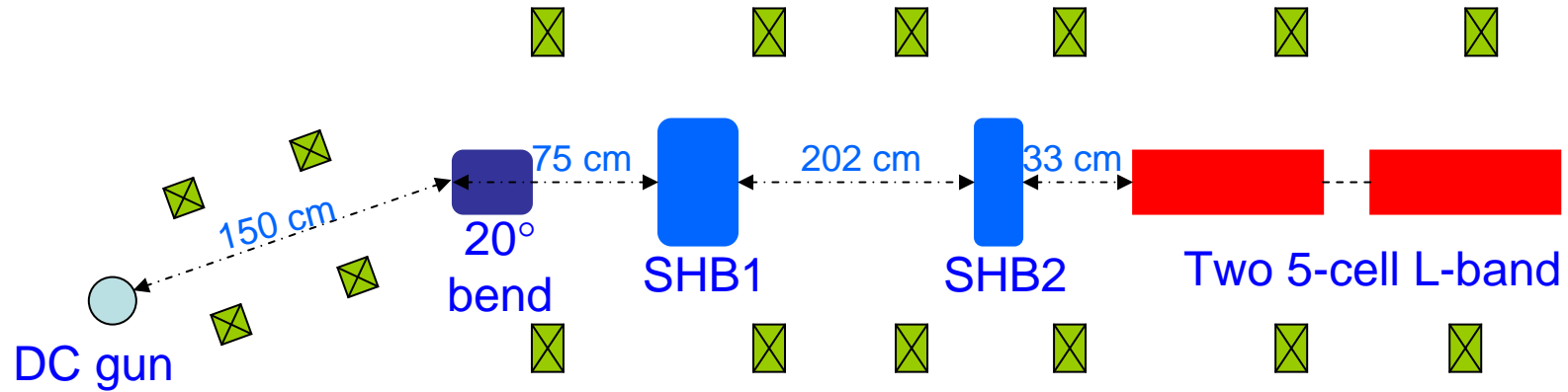


# Re-visiting ILC e- bunching system

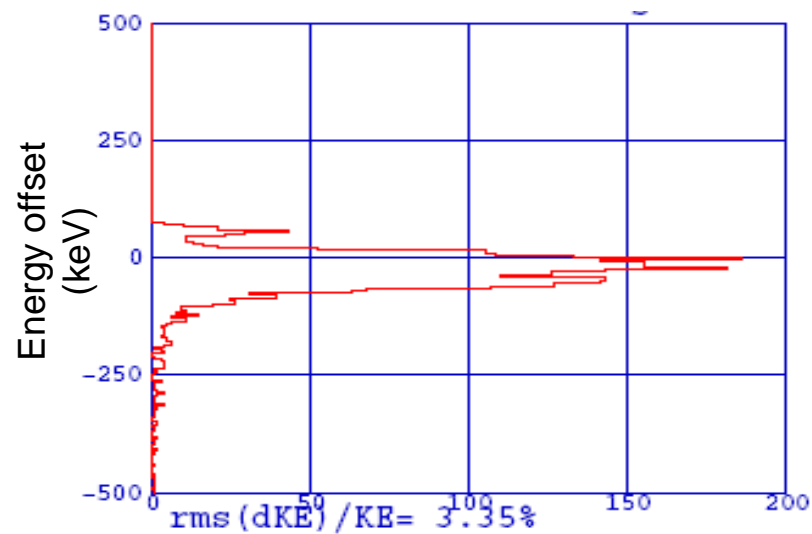
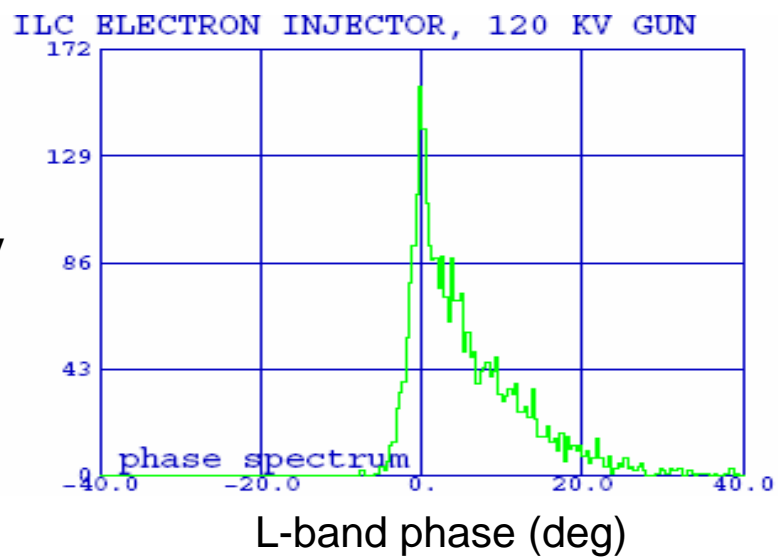
# ILC e- bunching layout



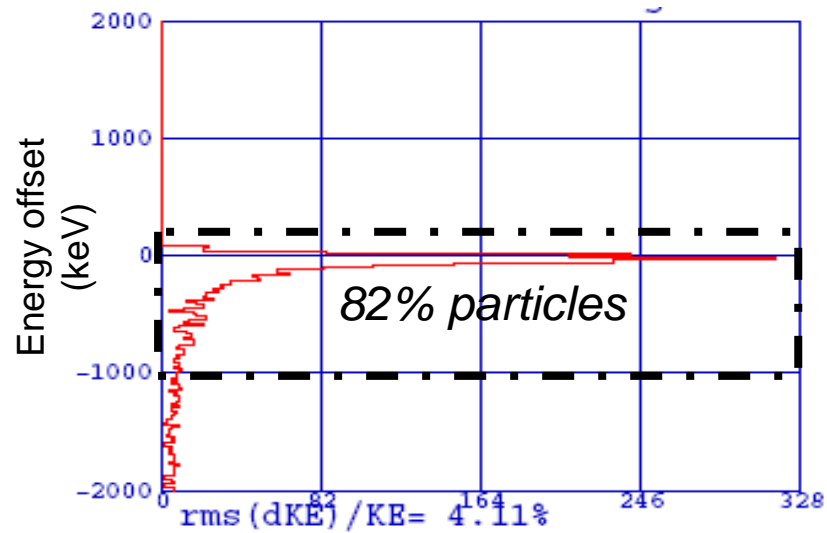
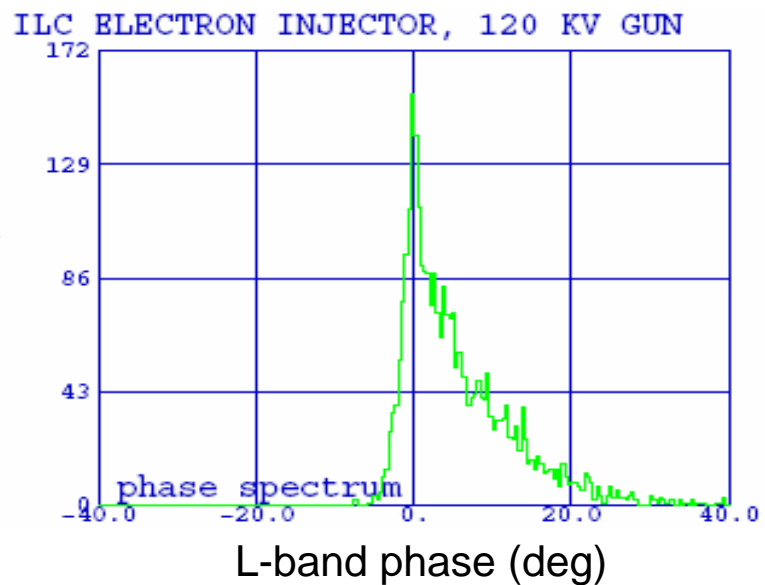
# What the main changes?

- Initial parameters are closer to SLC
- Layout is closer to the reality: add 1.5 m drift and 20-deg bend upstream of the SHB1, solenoid field distribution is changed accordingly.
- Drift length in the area of L-band buncher is adjusted.

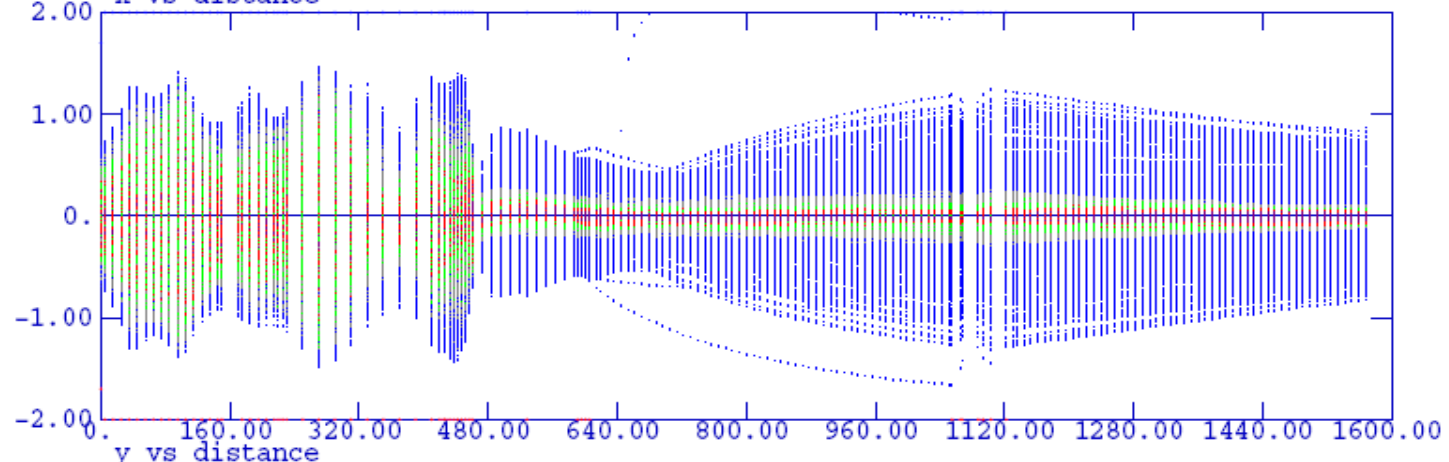
10 MeV



84 MeV



ILC ELECTRON INJECTOR, 120 KV GUN  
x vs distance



y vs distance

