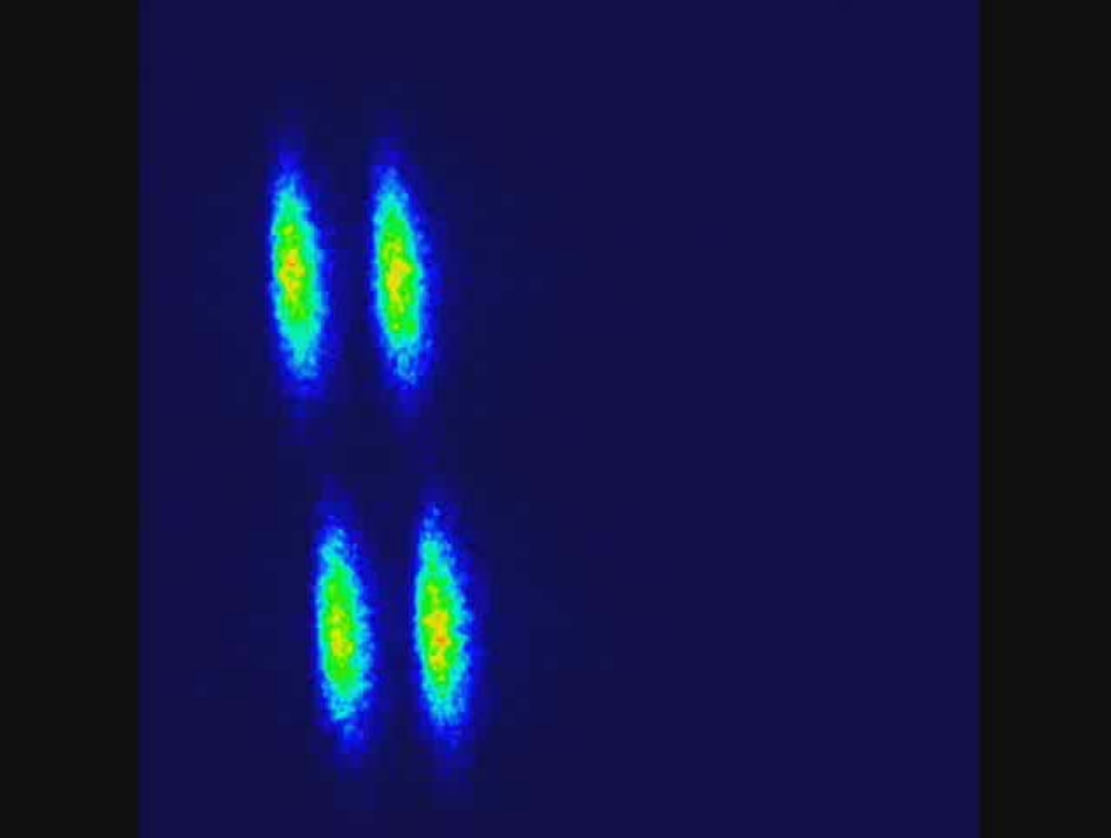


Longitudinal stability for 4ns bunch spacing

4 Bunches ~1mA/bunch
4ns bunch spacing

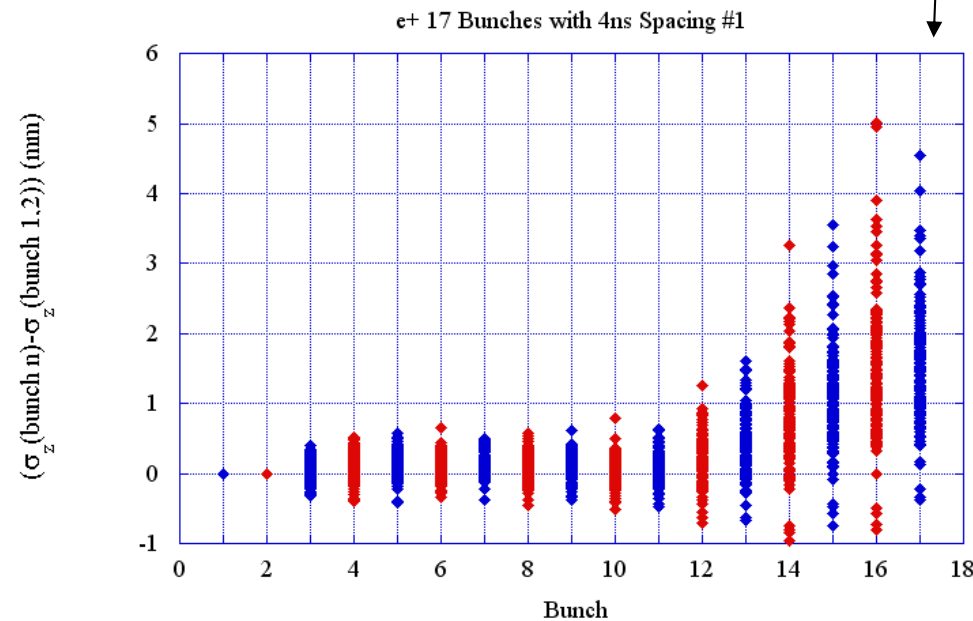
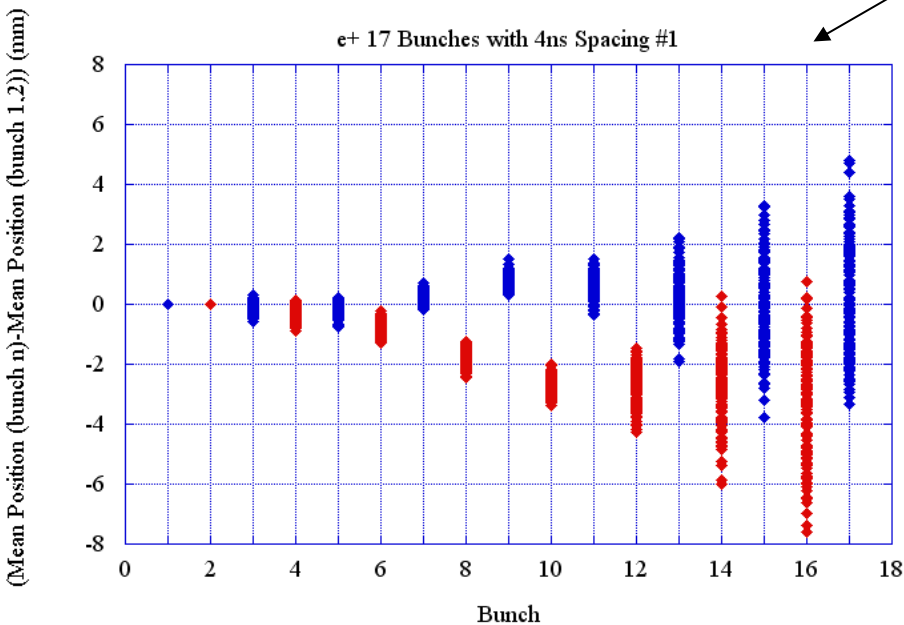


Movie-click to start

17 Bunches-4ns Bunch Spacing I~0.7mA/bunch Measurement #1

←
Movie-click to start

- Significant bunch lengthening near the end of the train (~10% increase in σ_z).
- Longitudinal oscillation near the end of the train.



17 Bunches-4ns Bunch Spacing I~0.7mA/bunch Measurement #2

Movie-click to start

