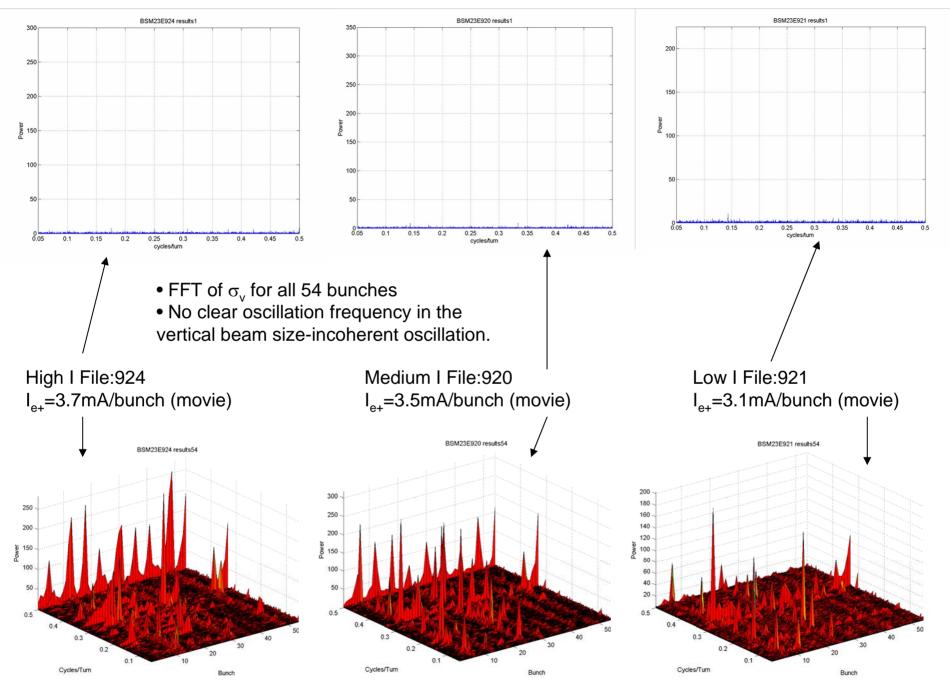
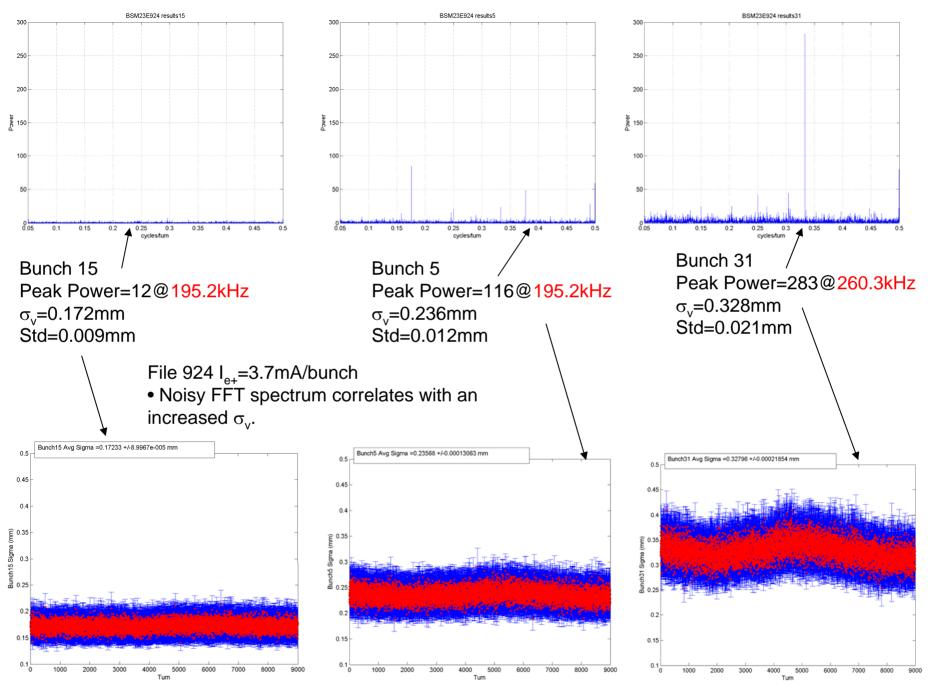


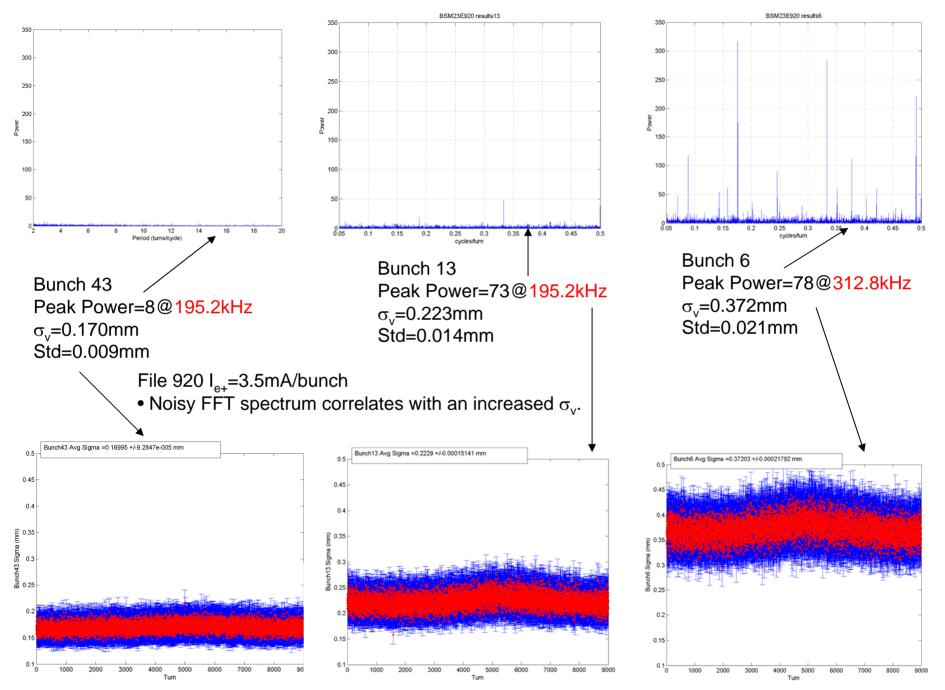
e+ high frequency σ_v oscillation frequency-FFT of σ_v for 9,000 turns



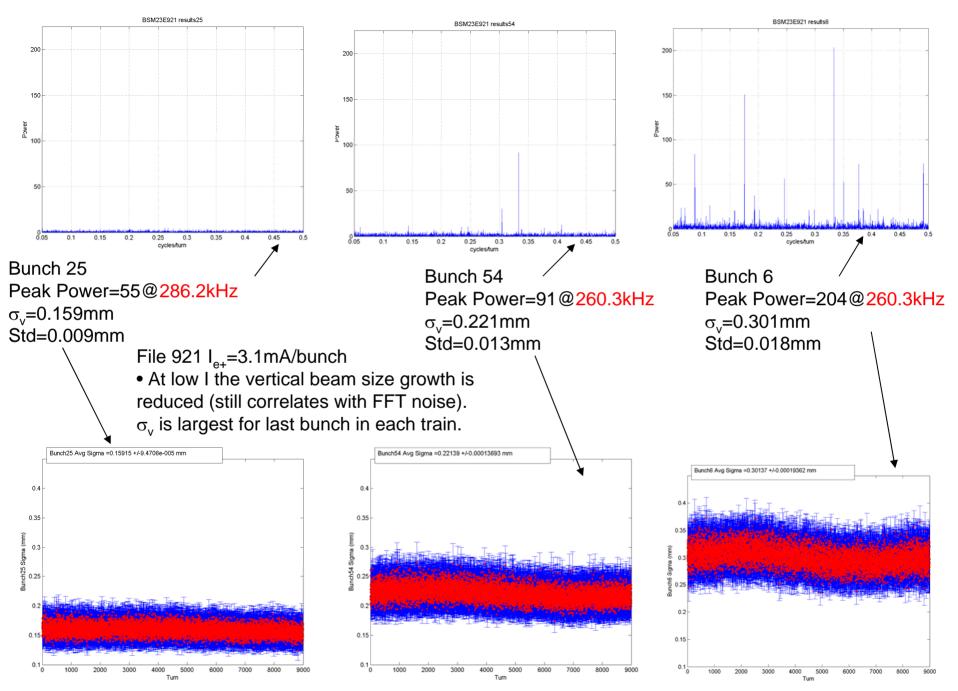
e+ high frequency σ_v oscillation frequency - FFT of σ_v - High I

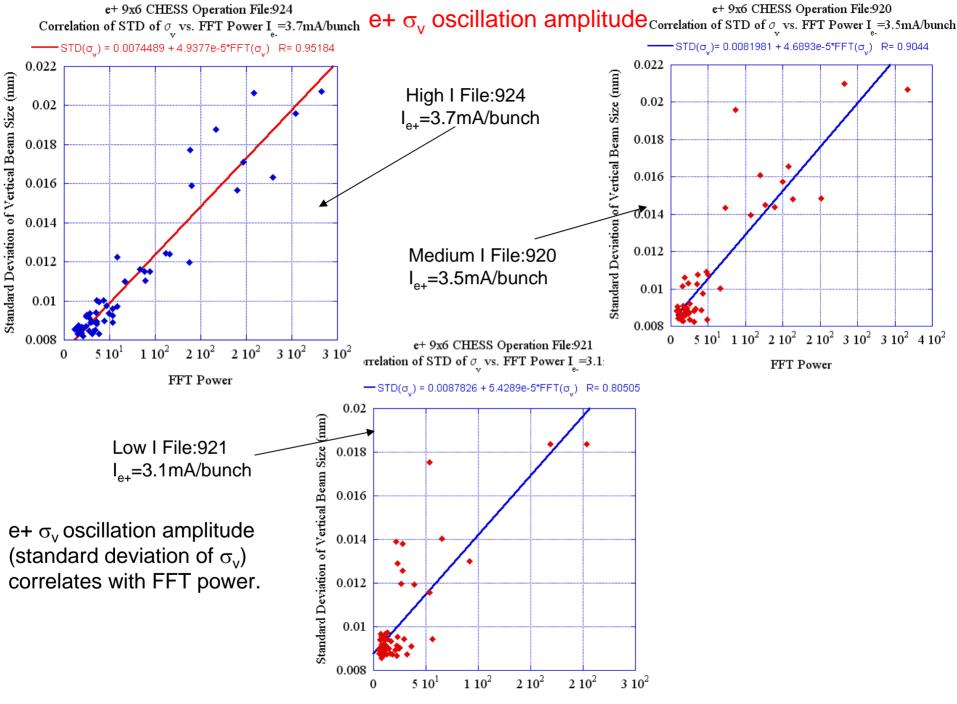


e+ high frequency σ_v oscillation frequency - FFT of σ_v – Medium I

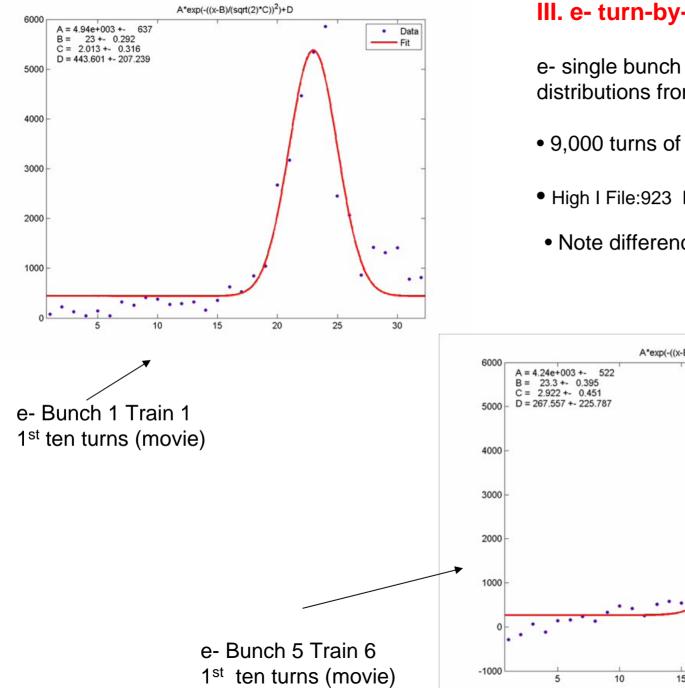


e+ high frequency σ_v oscillation frequency- FFT of σ_v - Low I





FFT Power



III. e- turn-by-turn measurements

e- single bunch vertical bunch distributions from the PMT array.

- 9,000 turns of all 54 e+/e- bunches.
- High I File:923 I_e=4.3mA/bunch
- Note difference in σ_v

