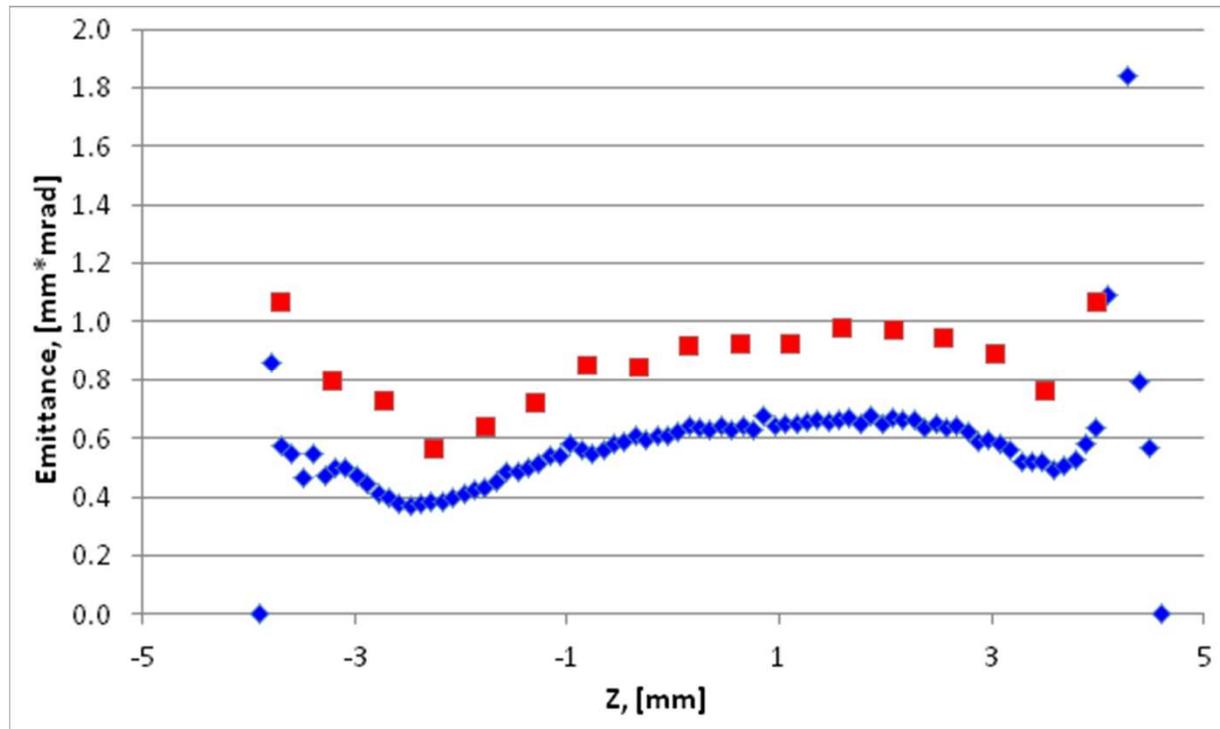
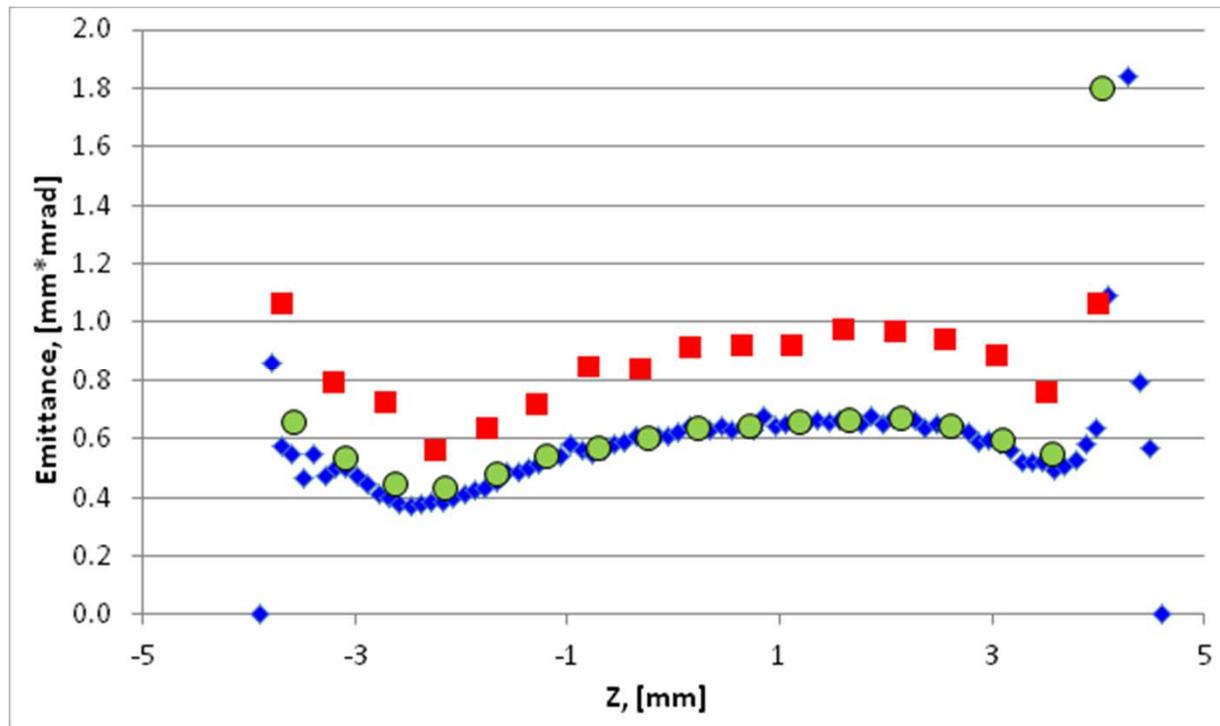


TDS slice emittance measurement, simulation analysis.



Red – 17 slices “measured”
Blue – 100 slices simulated

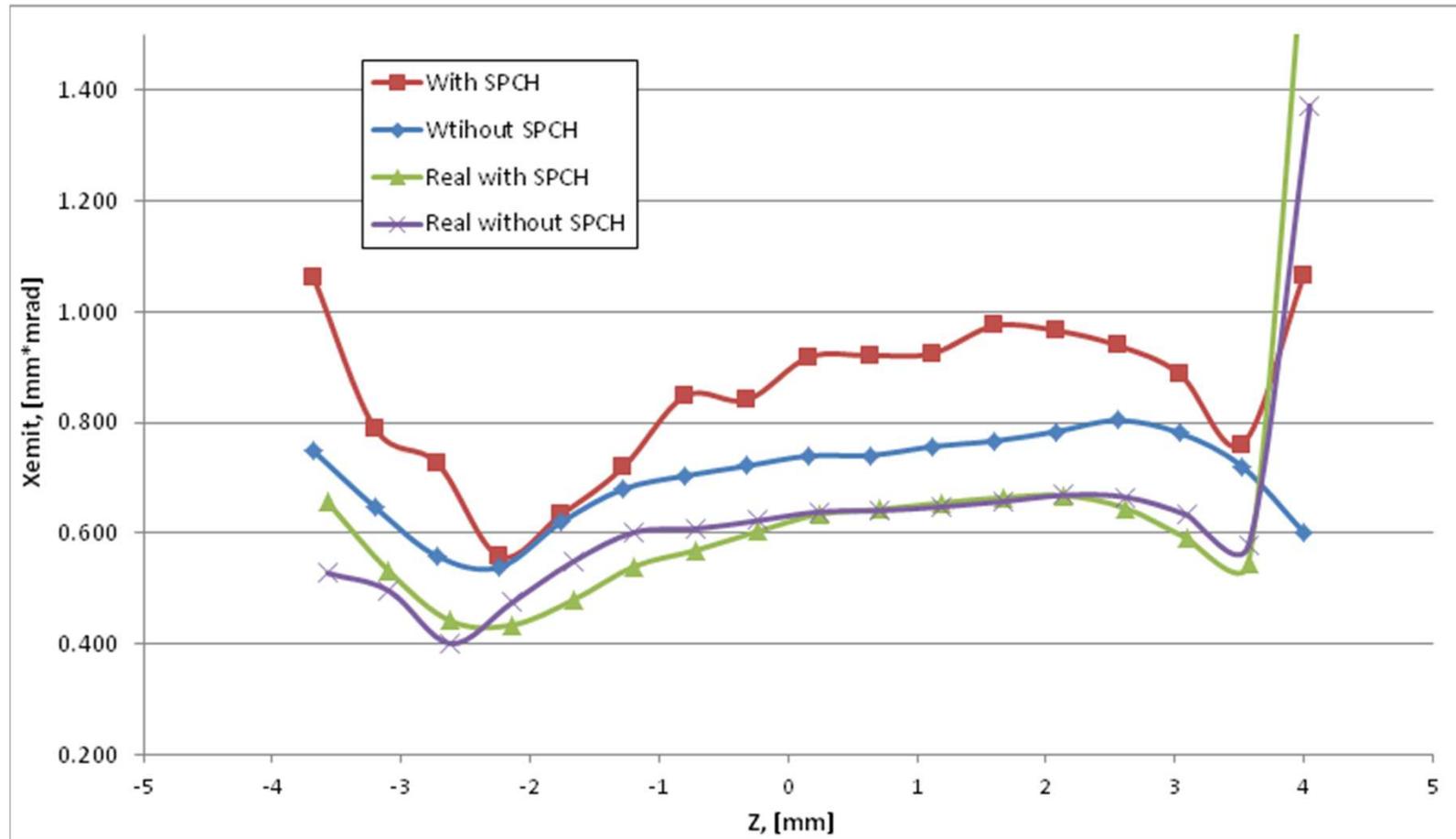
Different number of slices for calculation



Red – 17 slices “measured”
Blue – 100 slices simulated
Green – 17 slices simulated



Space charge effect studies



Slice resolution, slice length Z_{rms} and stripe width dY

