

# Update

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WP6 Meeting

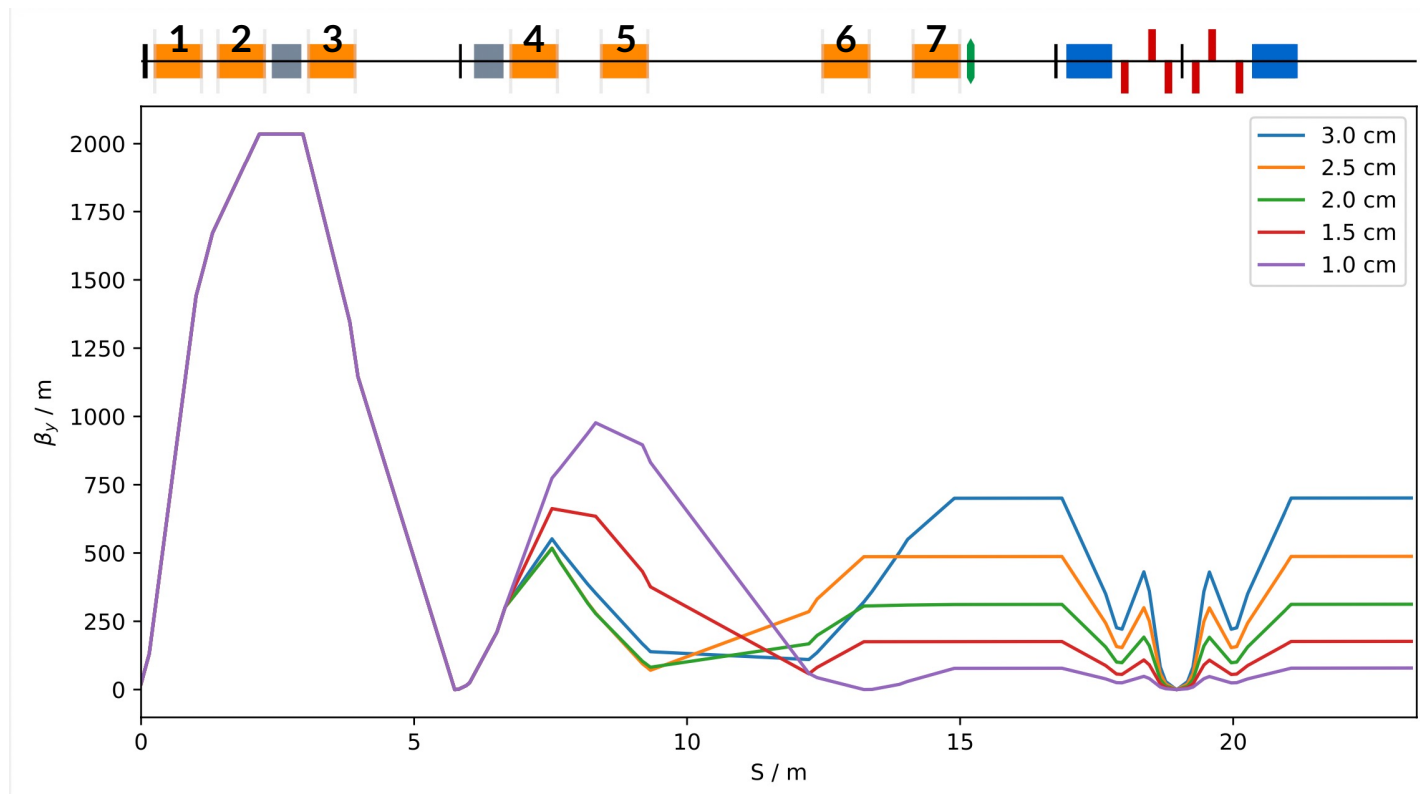
05<sup>th</sup> December 2023



ROYAL  
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- + **0.2m** between GL4 and GL5
- + **0.4m** between GL4 and GL5
- + **0.2m** between GL6 and GL7
- Solutions found for original 5 spot sizes
  - Sensitive to initial conditions



- Done:
  - Found additional configuration with additional space for shielding
    - Flexibility of 5 spot size options is preserved.
- Ongoing:
  - Base line design update report write-up
  - RF-Track modelling
  - FFA injection line simulations with updated beam
- Todo:
  - Gabor lens in BDSIM
  - Performance evaluation of  $\pm 5\%$  beams
  - Update models of alternative baseline design (v5.5)
  - Develop OPAL model of FFA