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Performance of ESSENSE on a pancake
moderator

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Tapered solution for ESSENSE

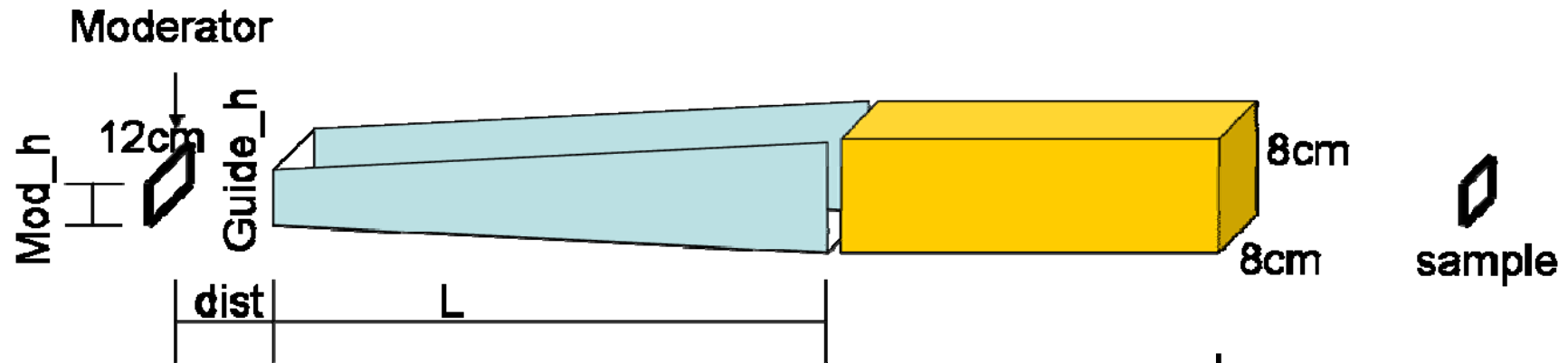


Figure 1: Layout of the simulated solution



Assumptions:

- 1) Horizontal and vertical transmission are decoupled
→ we optimize without the kink
- 2) The divergence @ sample MUST remain 0.8deg.
- 3) The distance mod.- guide is taken as a parameter
-4) A flat moderator used for this optimization

ESSENSE - Tapered solution @ 8 Å

