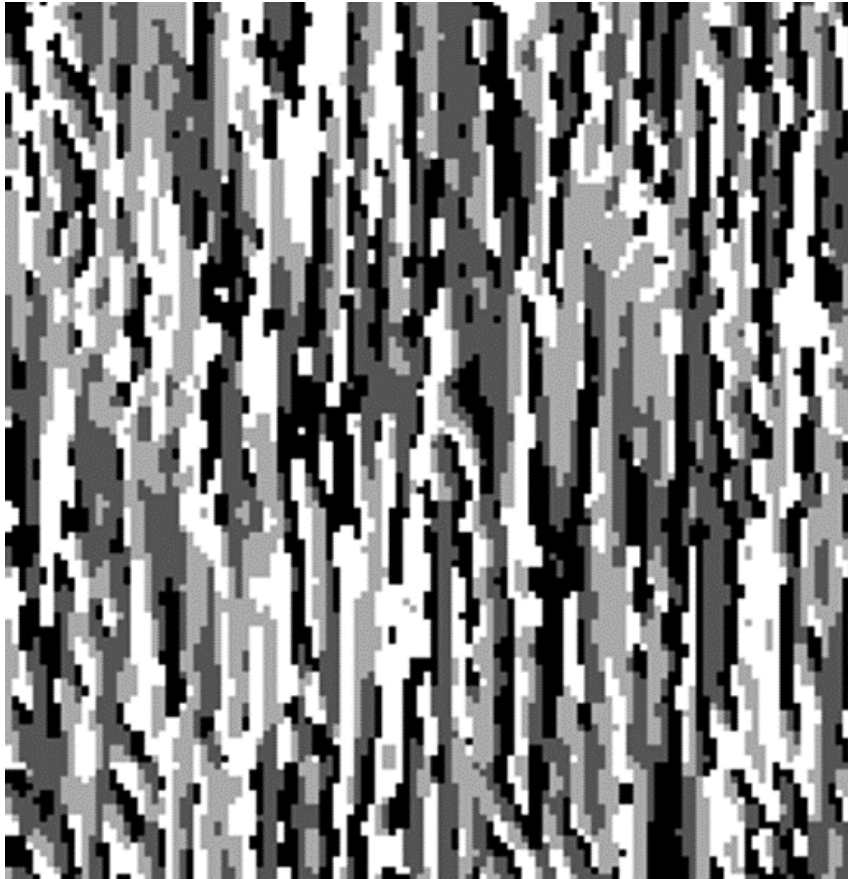


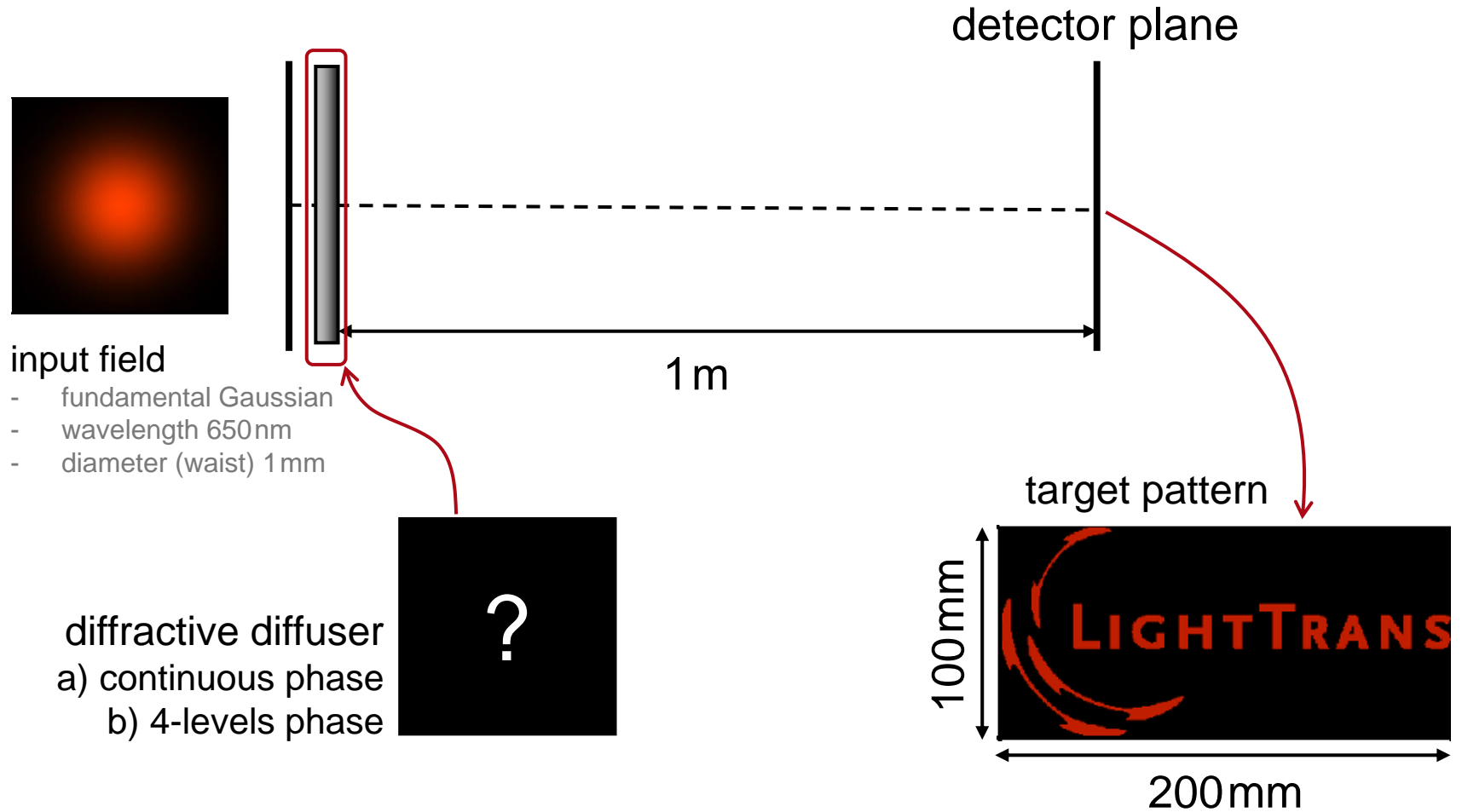
Design of a Diffractive Diffuser to Generate a LightTrans Mark

Abstract

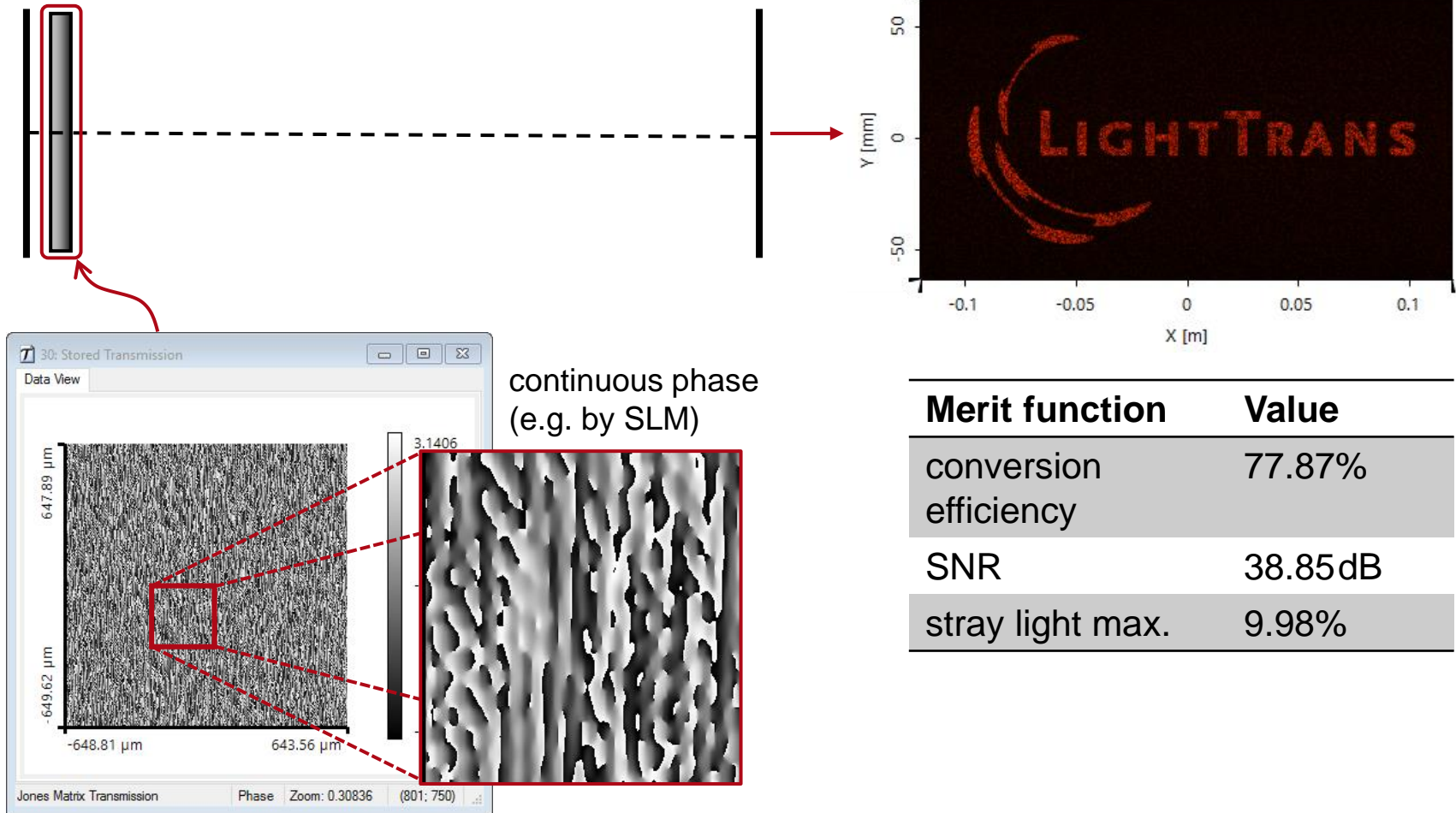


Diffractive optics elements can be used as light diffusers to generate customized illumination patterns. In this example, diffusers for generating a LightTrans trademark are designed with the iterative Fourier transform algorithm (IFTA) in VirtualLab. By introducing different constraints, two designs with continuous and 4-level discrete phase function are obtained, and the performance of them is investigated.

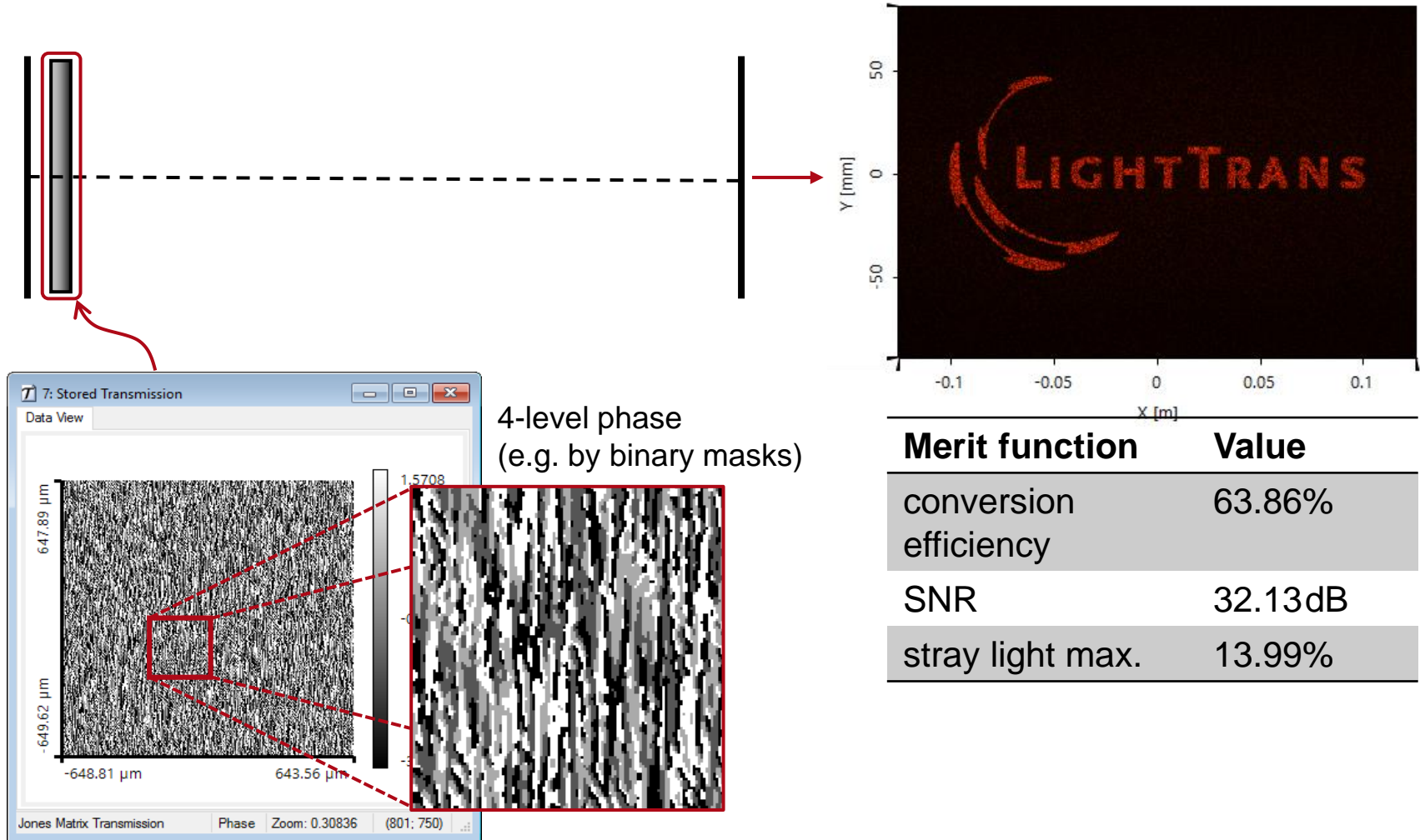
Design Task



Results



Results



Document Information

title	Design of a Diffractive Diffuser to Generate a LightTrans Mark
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VL version used for simulations	7.0.3.4
category	Application Use Case
