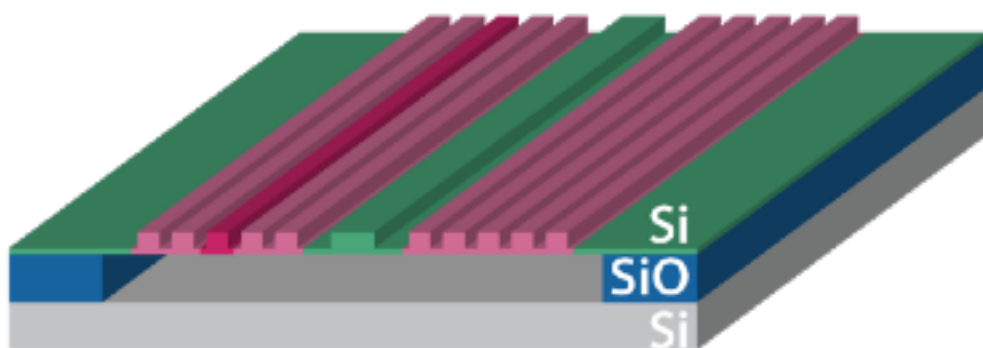
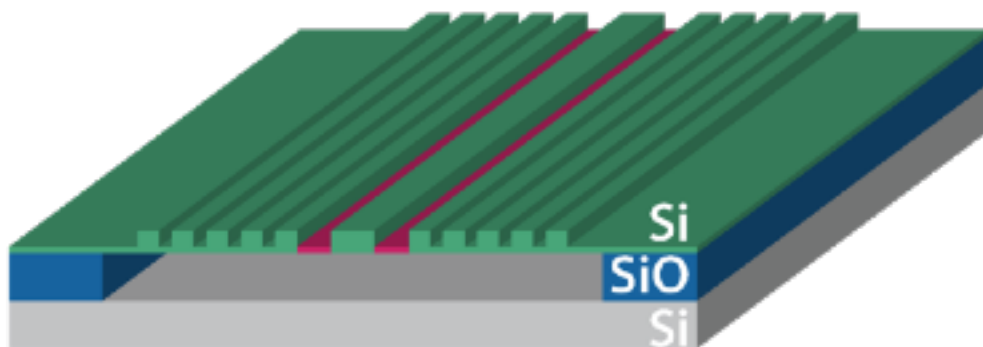


waveguide core



phononic crystal



waveguide core support

Waveguide Design: Core

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Wombat 2022, Erlangen, June 14th 2022. Gustav Wiederhake.

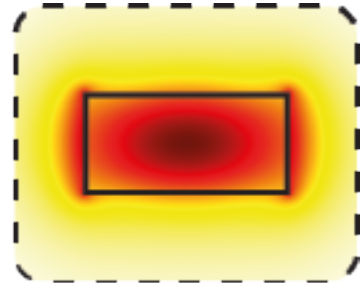
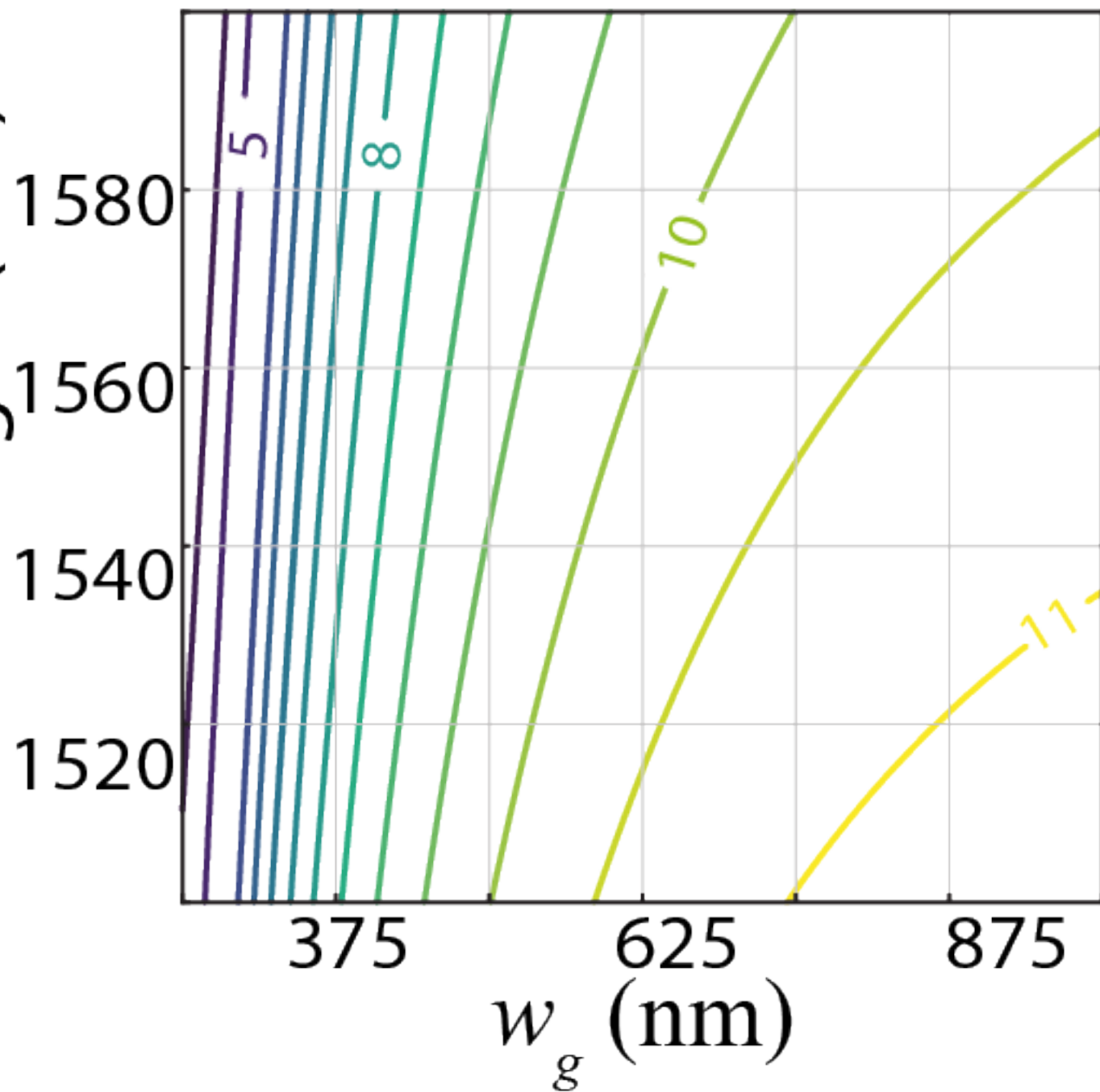


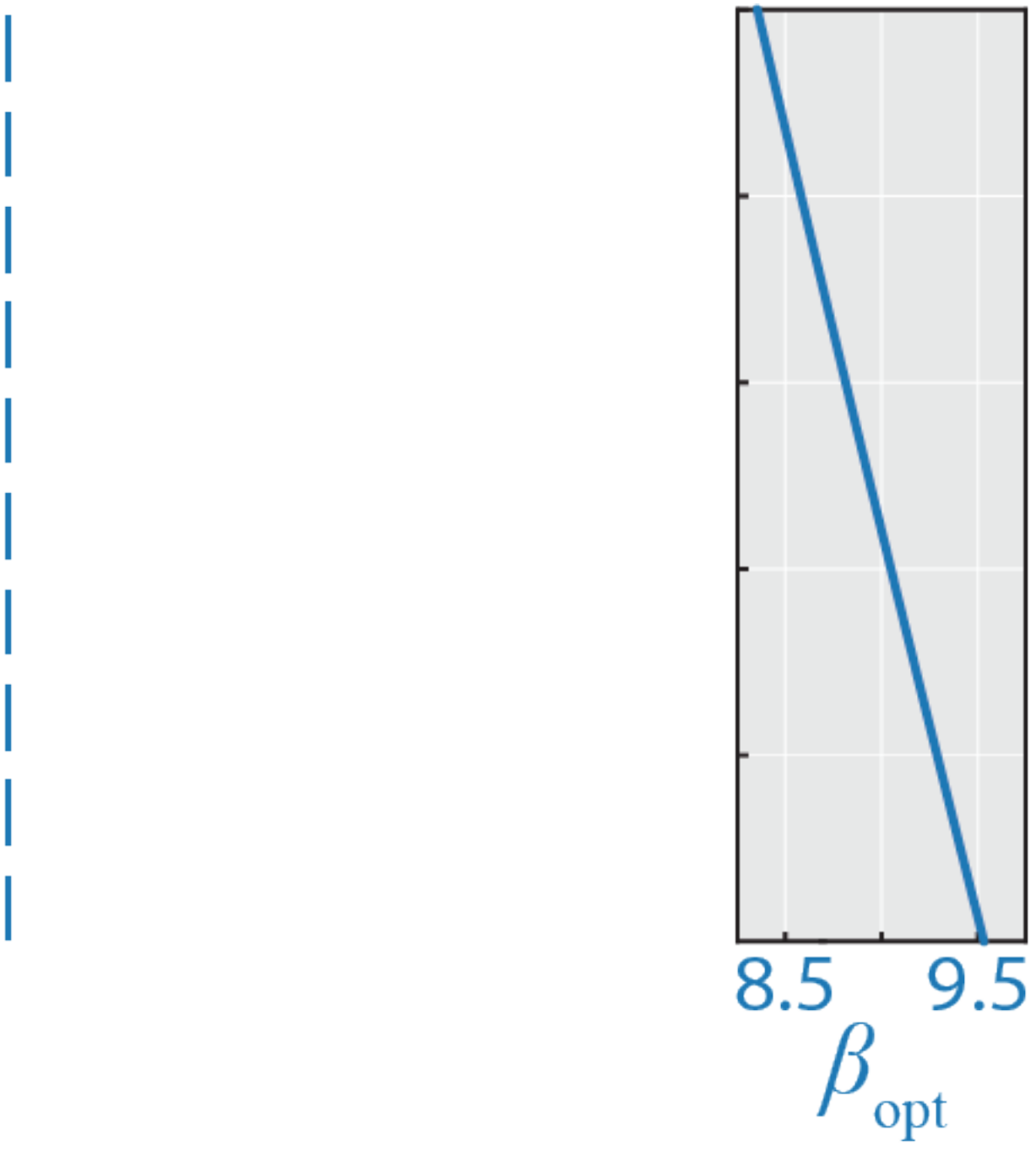
Optical Domain

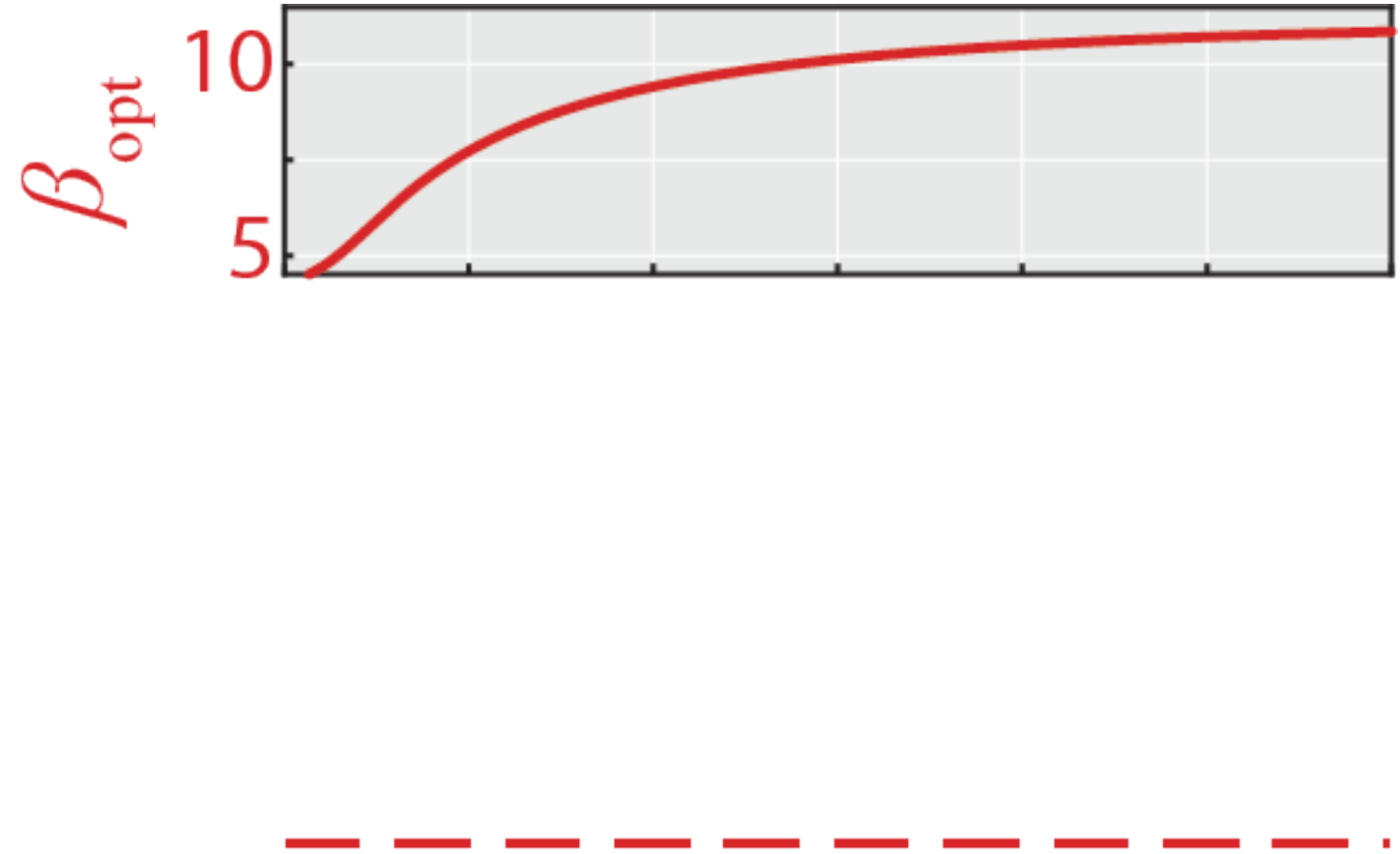
Mechanical Donair

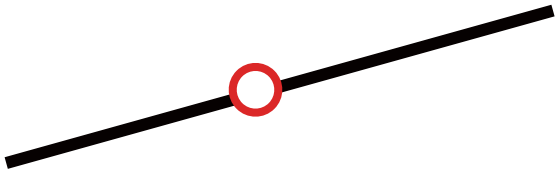


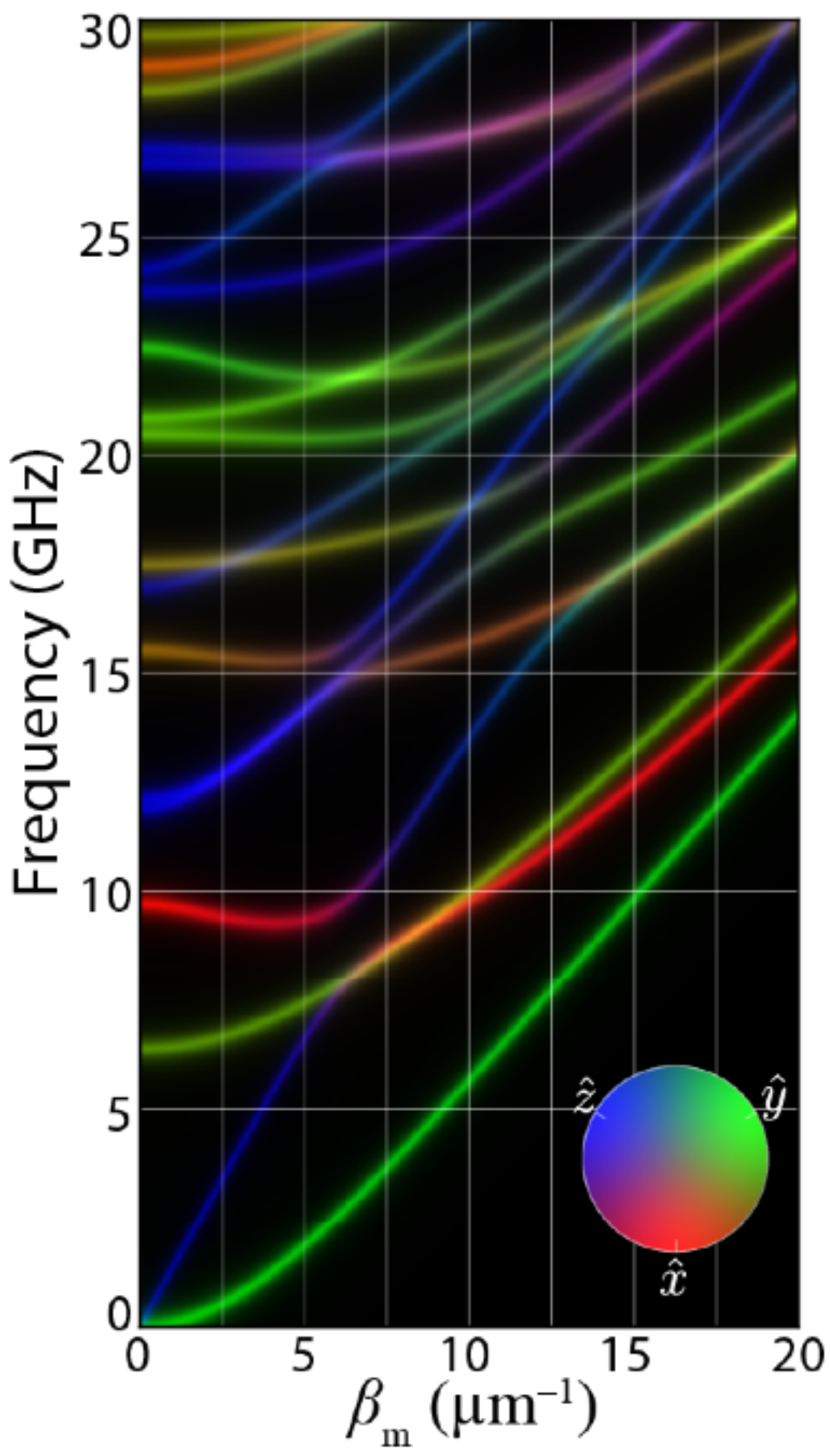
Wavelength (nm)

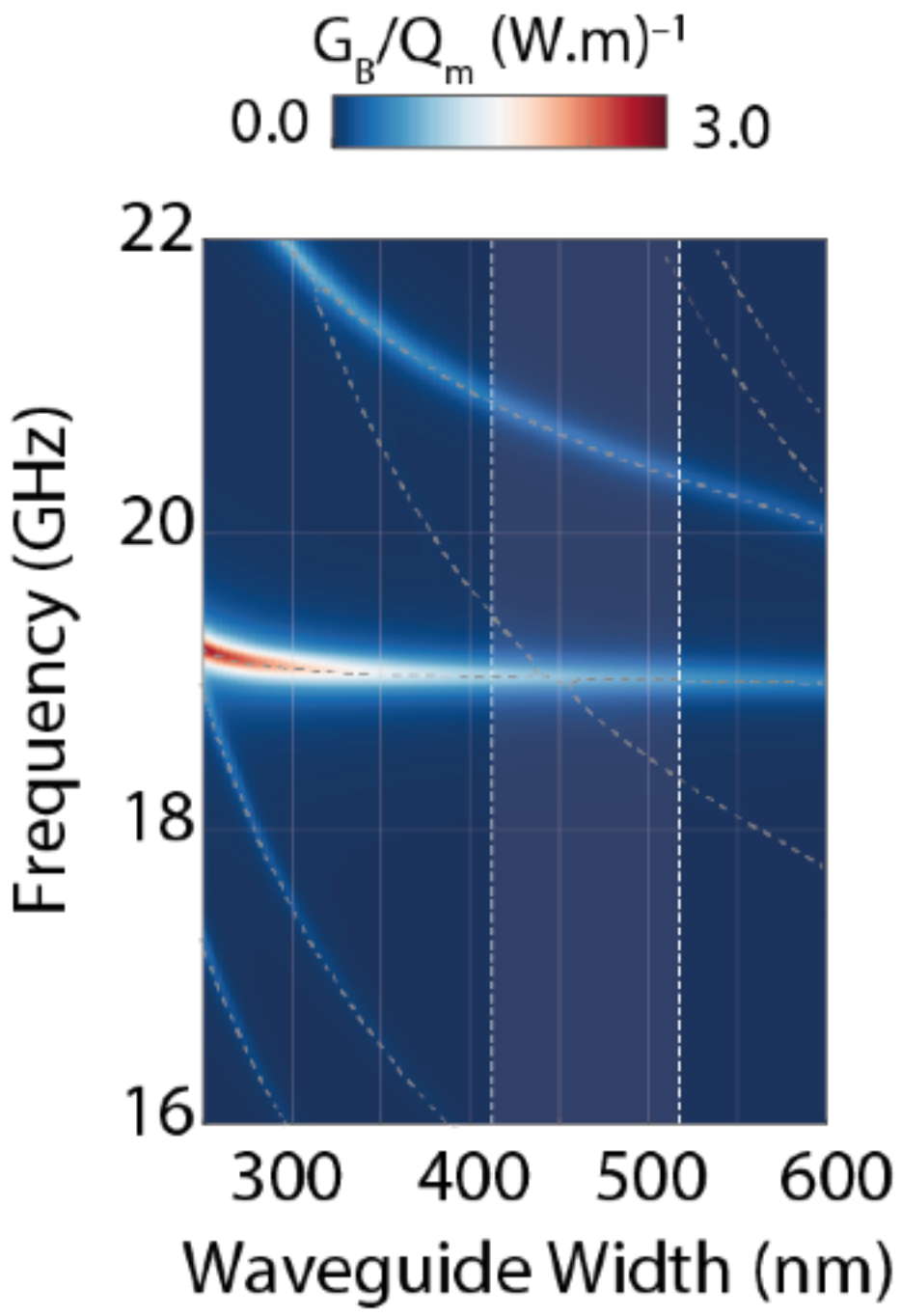


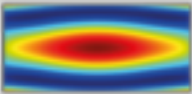


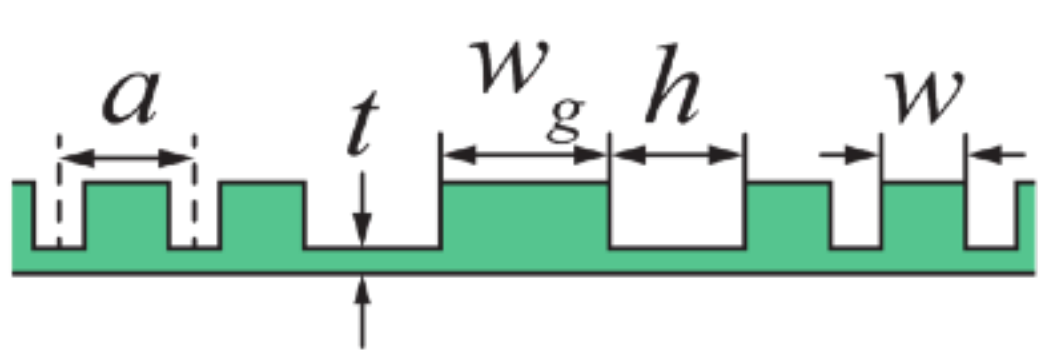


















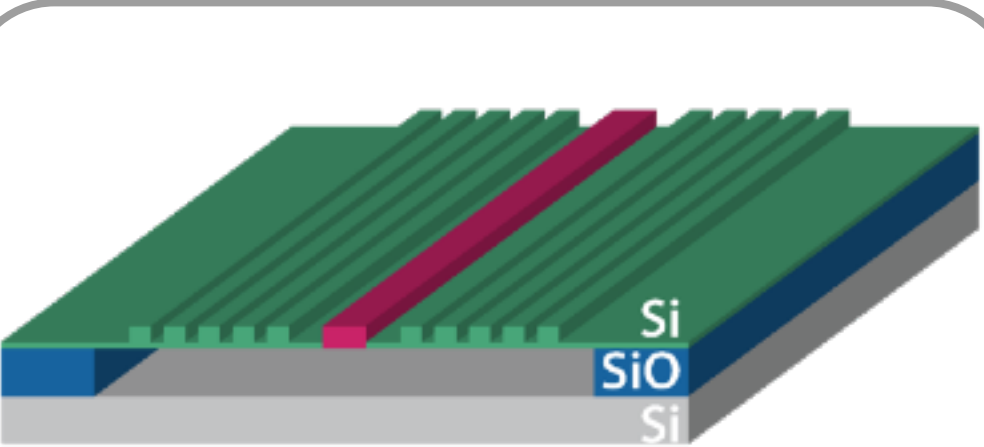
Coupling factor map @

18 (μm)⁻¹

DO: 10.5281/zenodo.44148337



Waveguide Design Process: Core



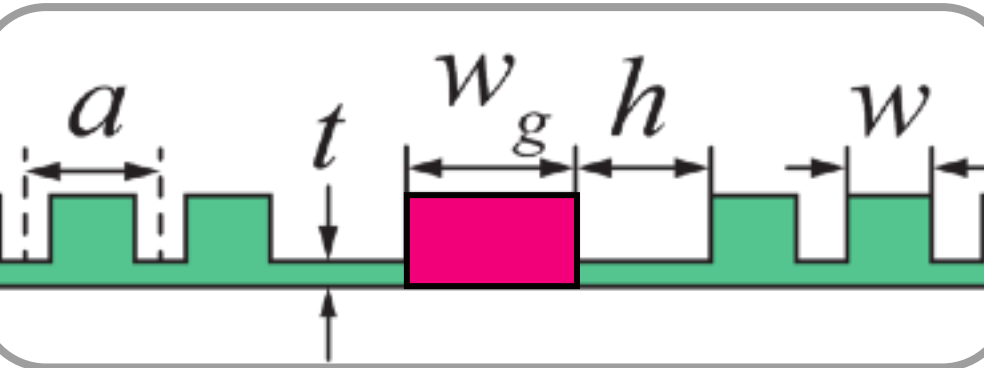
waveguide core



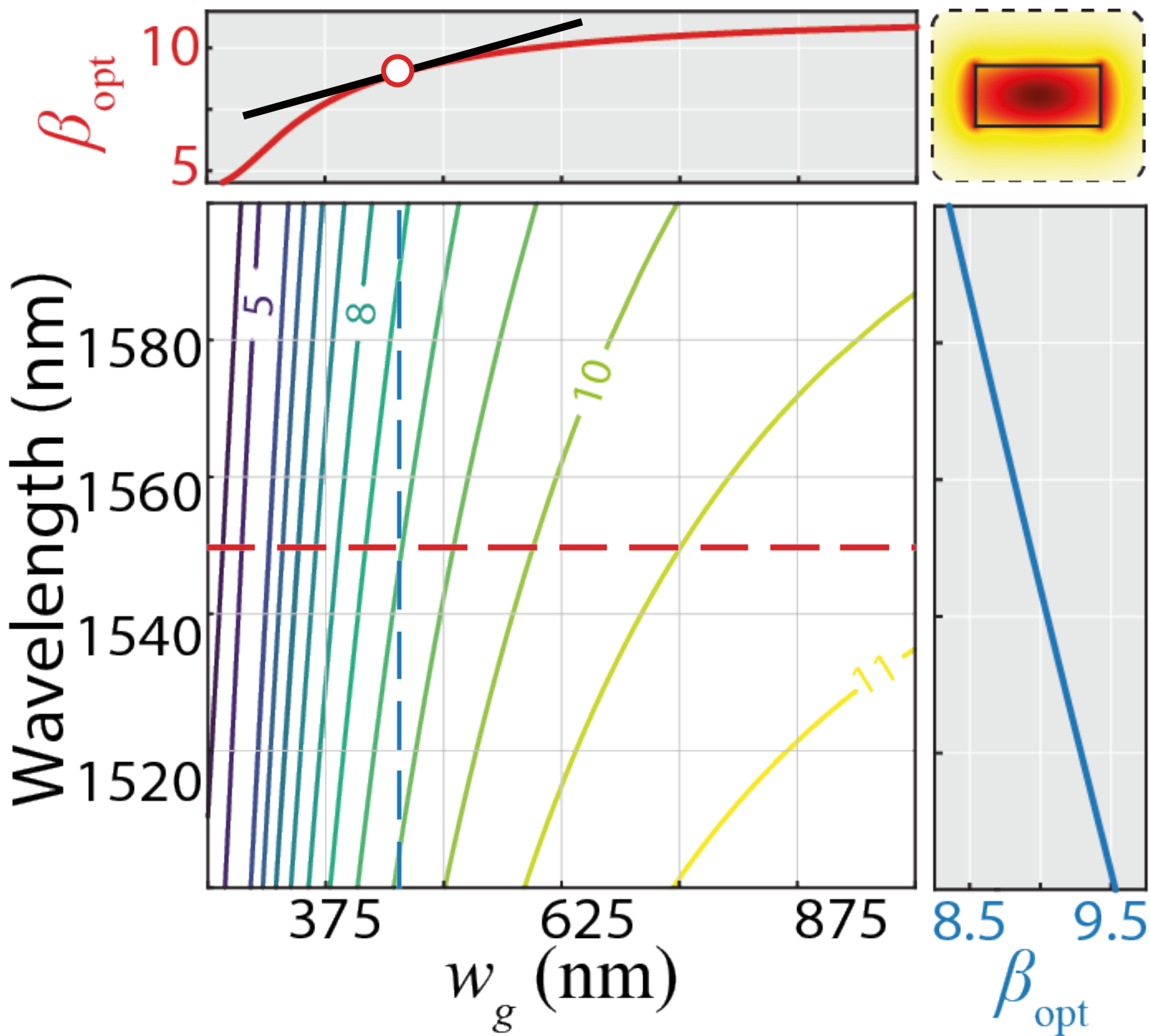
phononic crystal



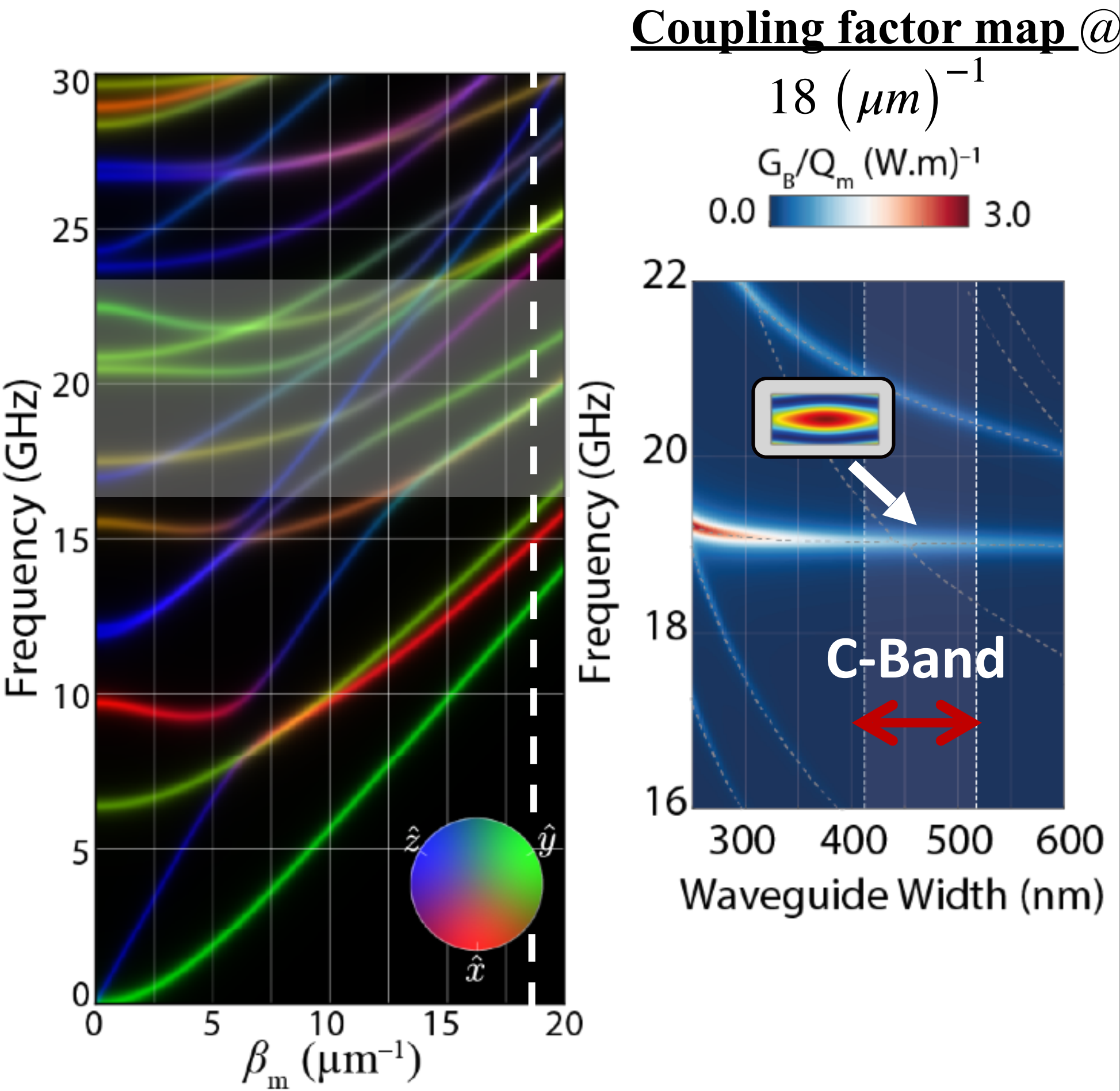
waveguide core support



Optical Domain

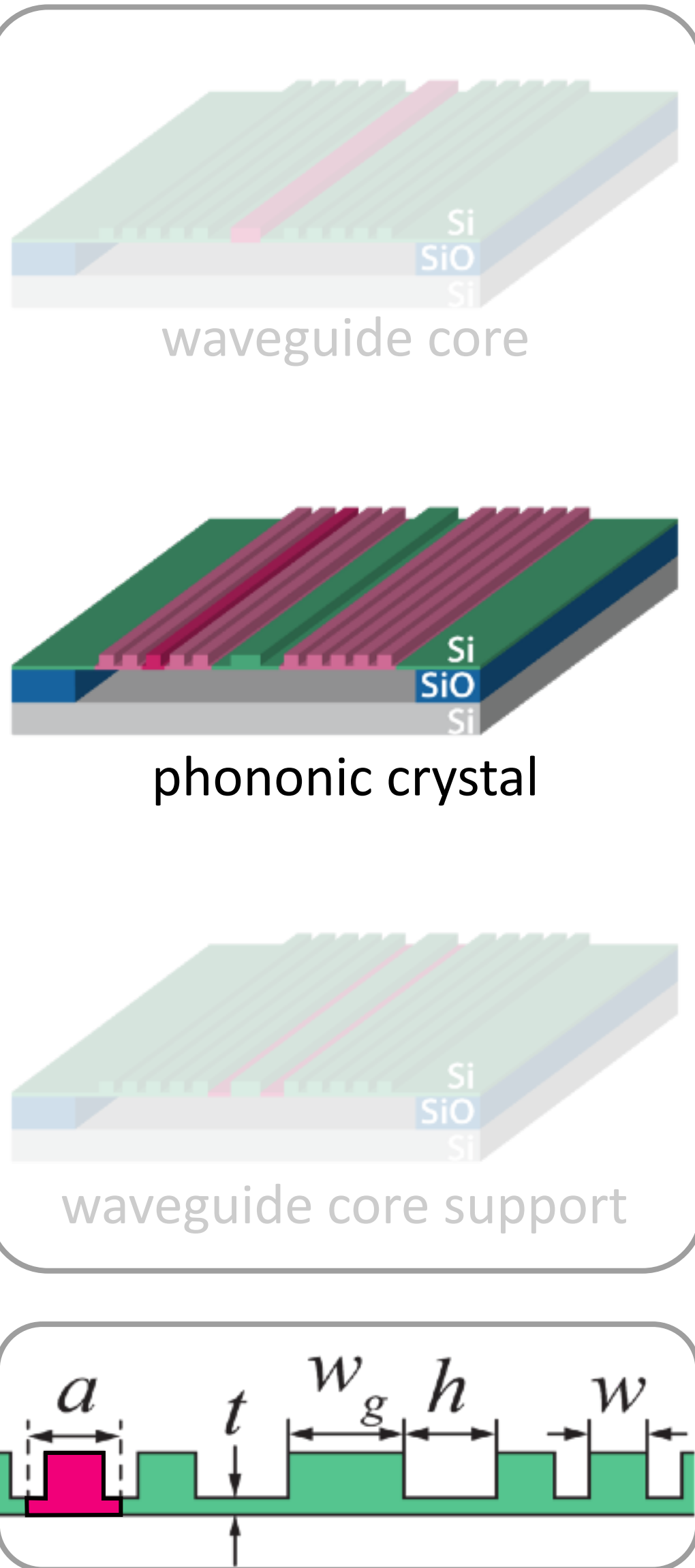


Mechanical Domain

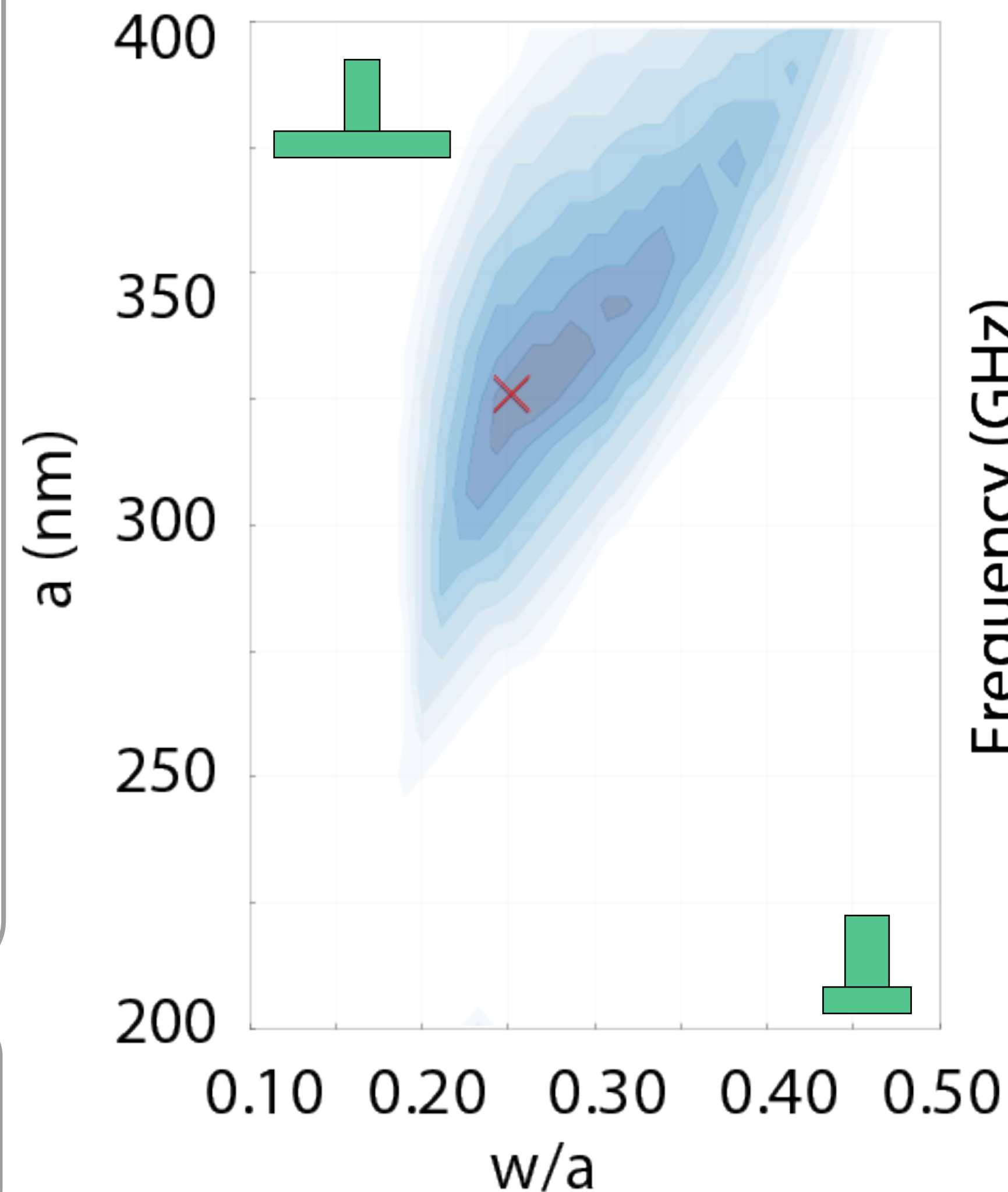




Waveguide Design Process: PhnC



PhnC Parameters map



Band diagram @18 $(\mu m)^{-1}$

