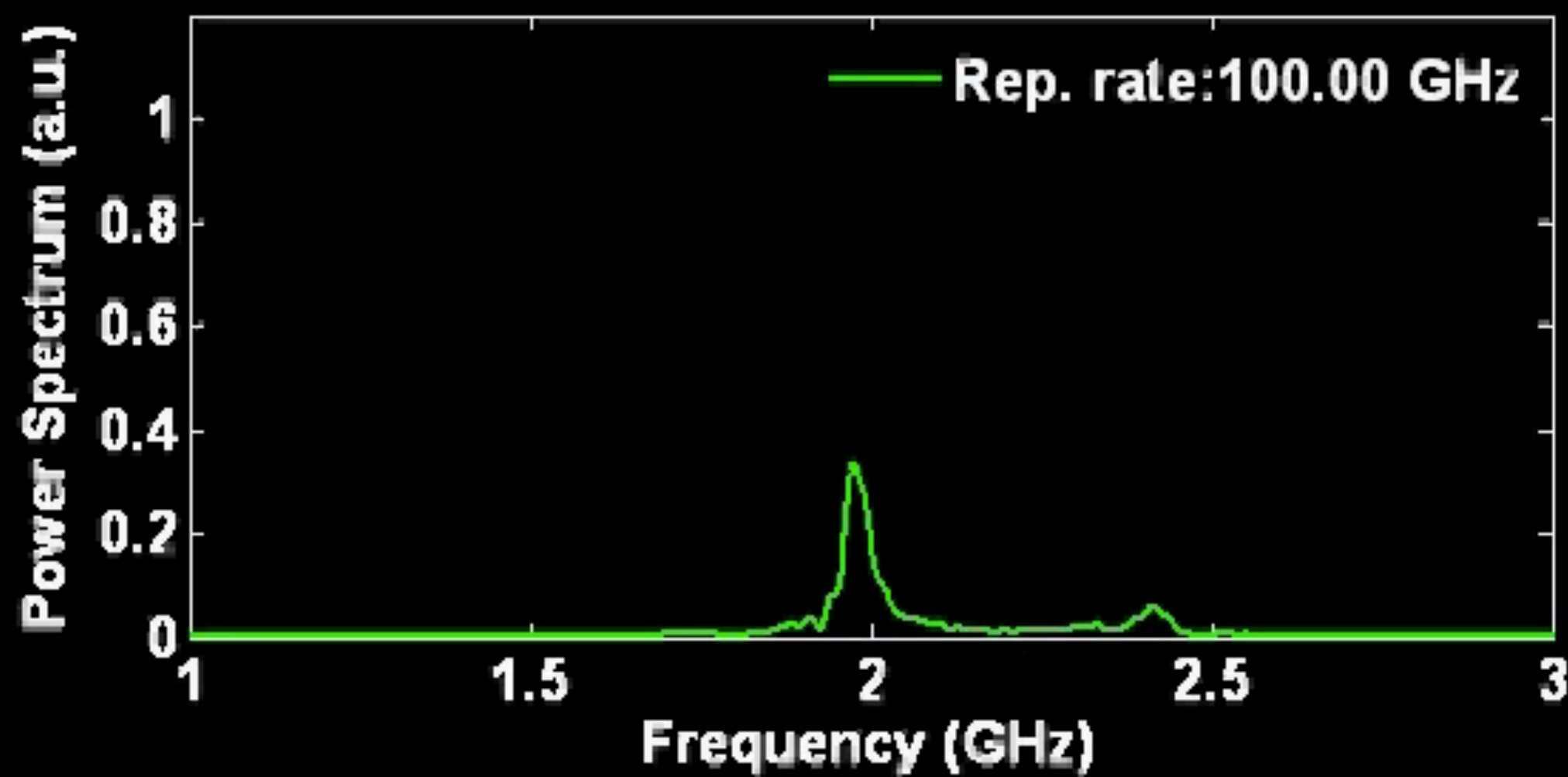
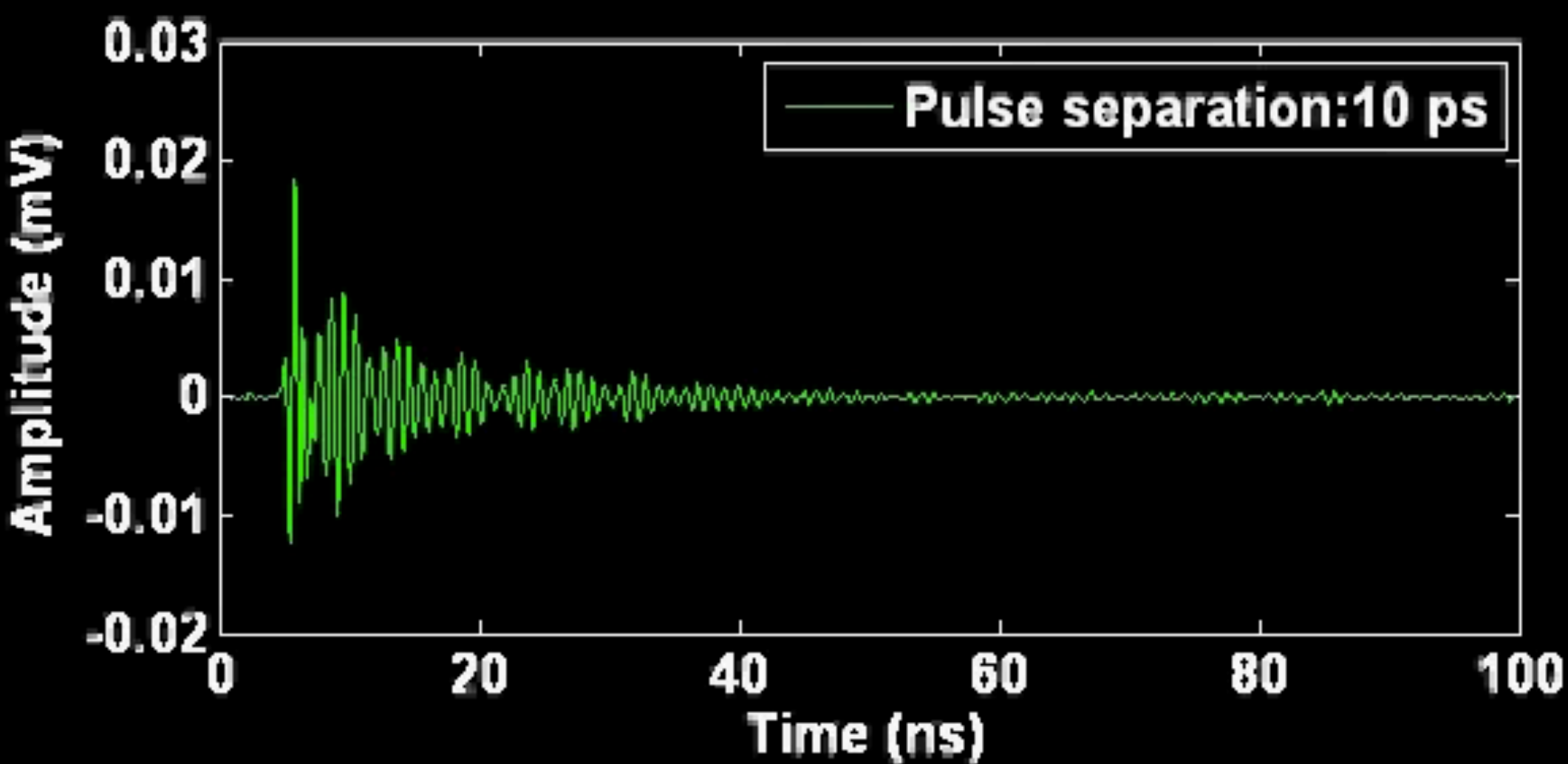




Wombat 2022, Erlangen, June 14th 2022. Gustav Wiederhake.

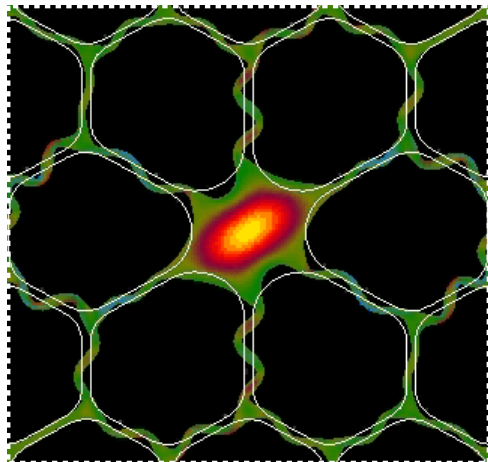


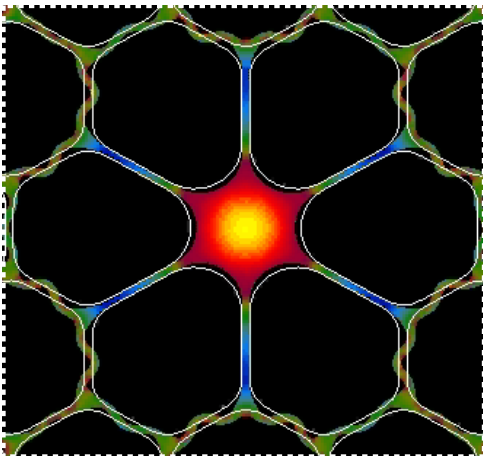




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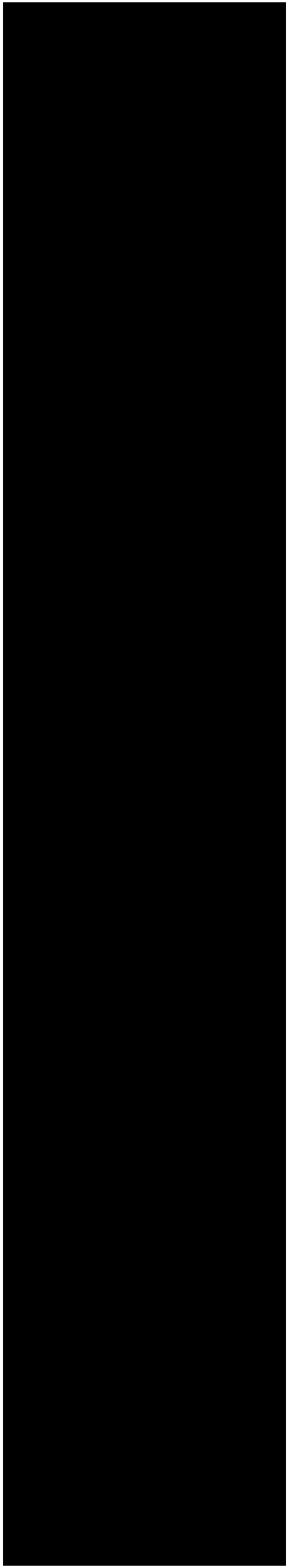








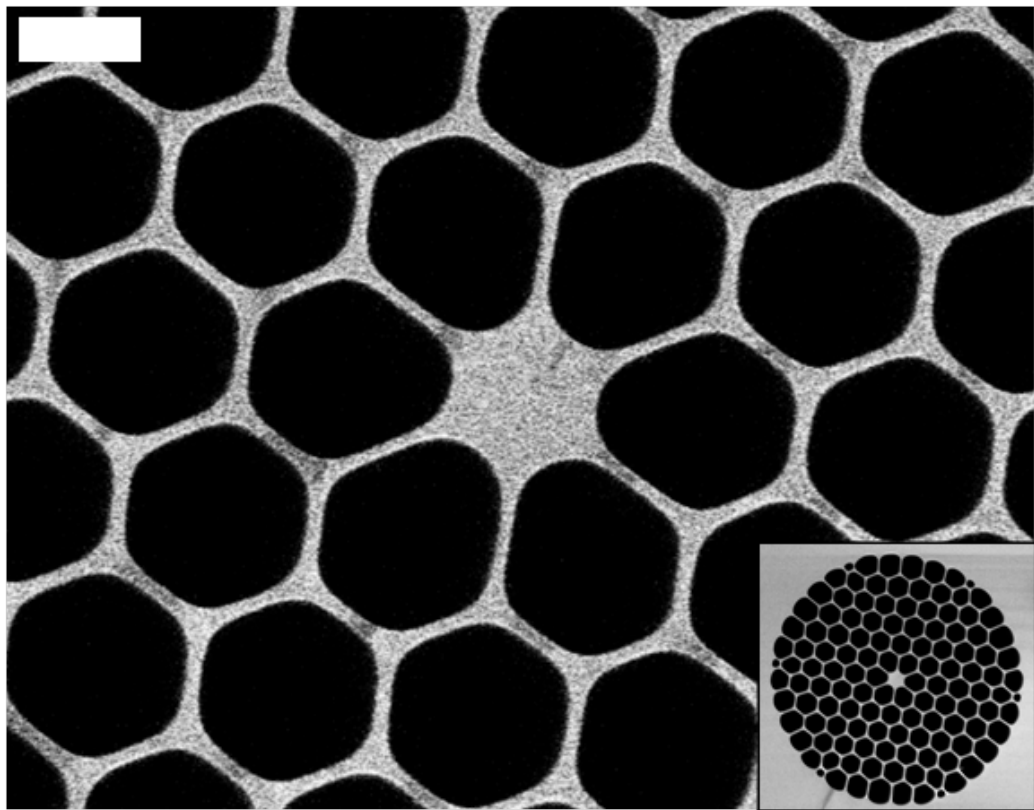








a.











































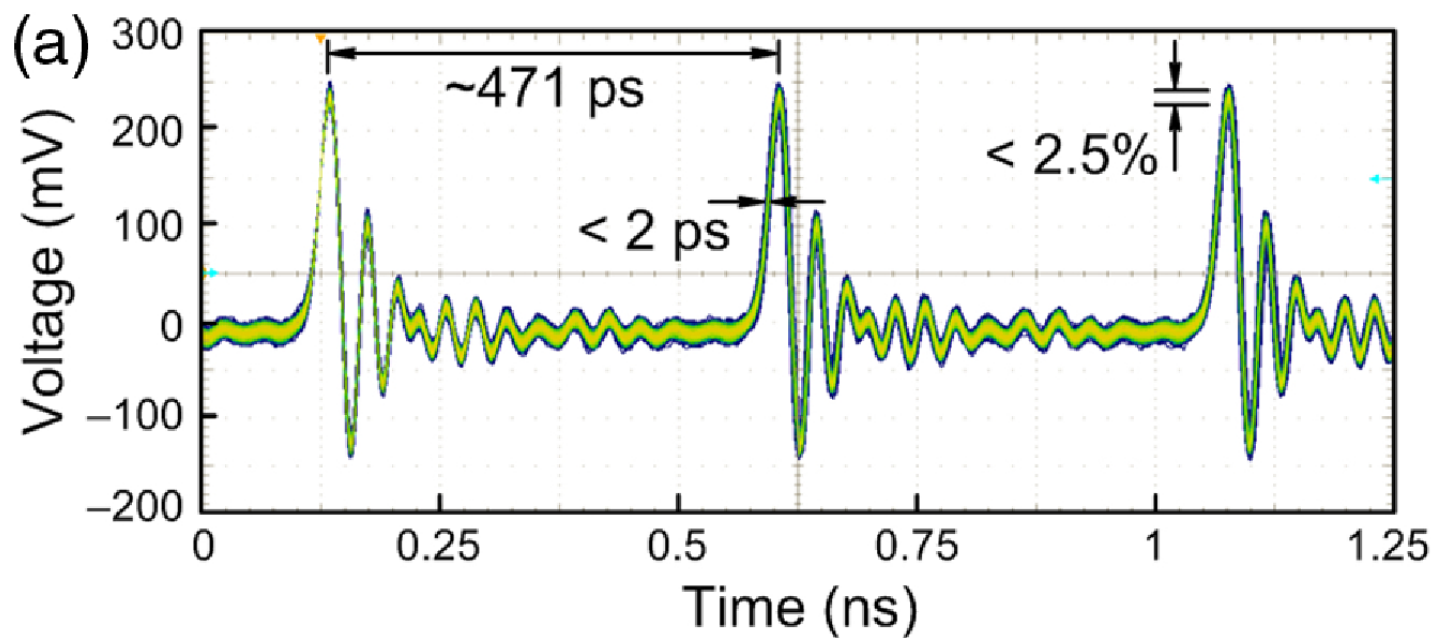


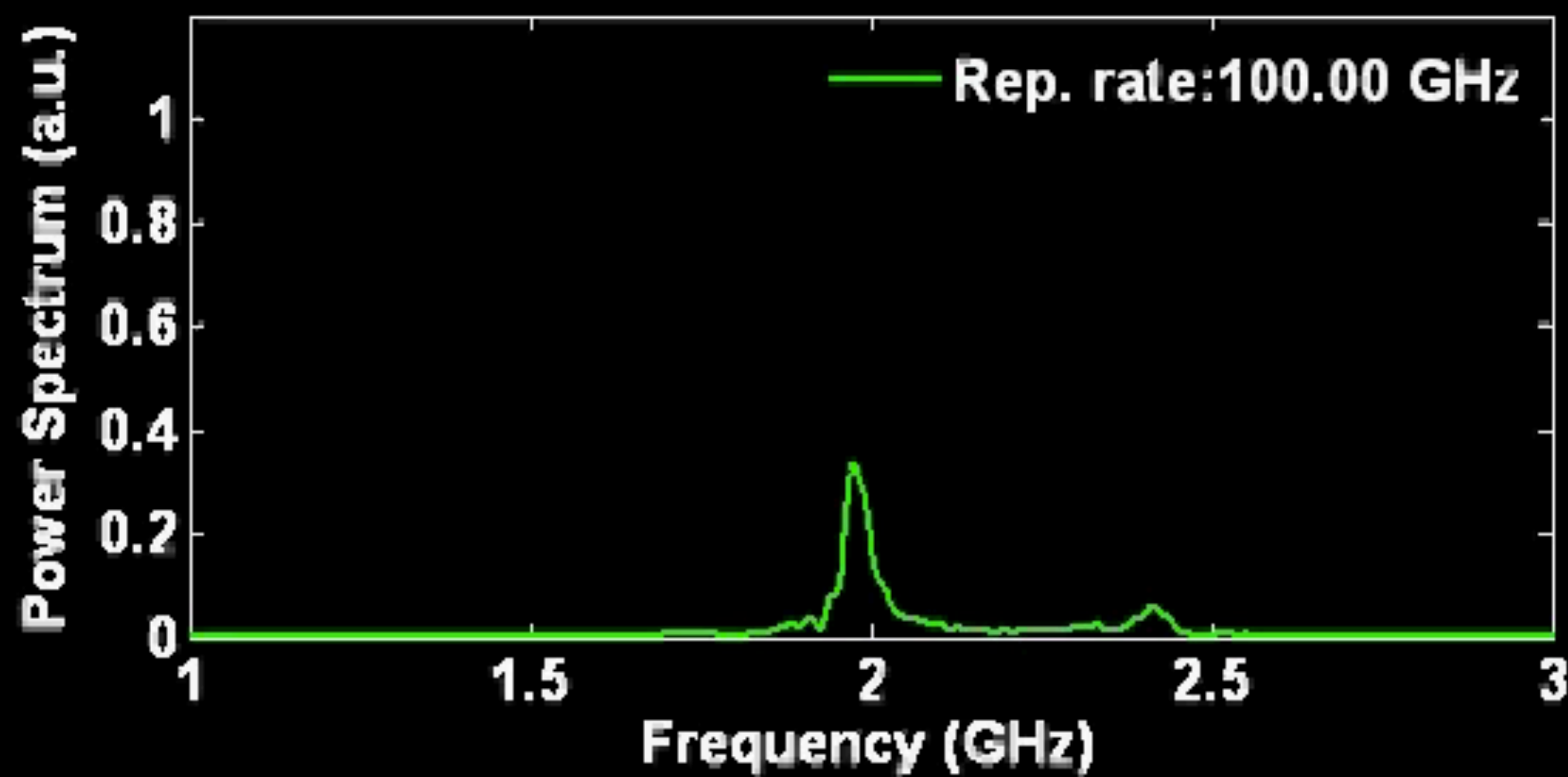
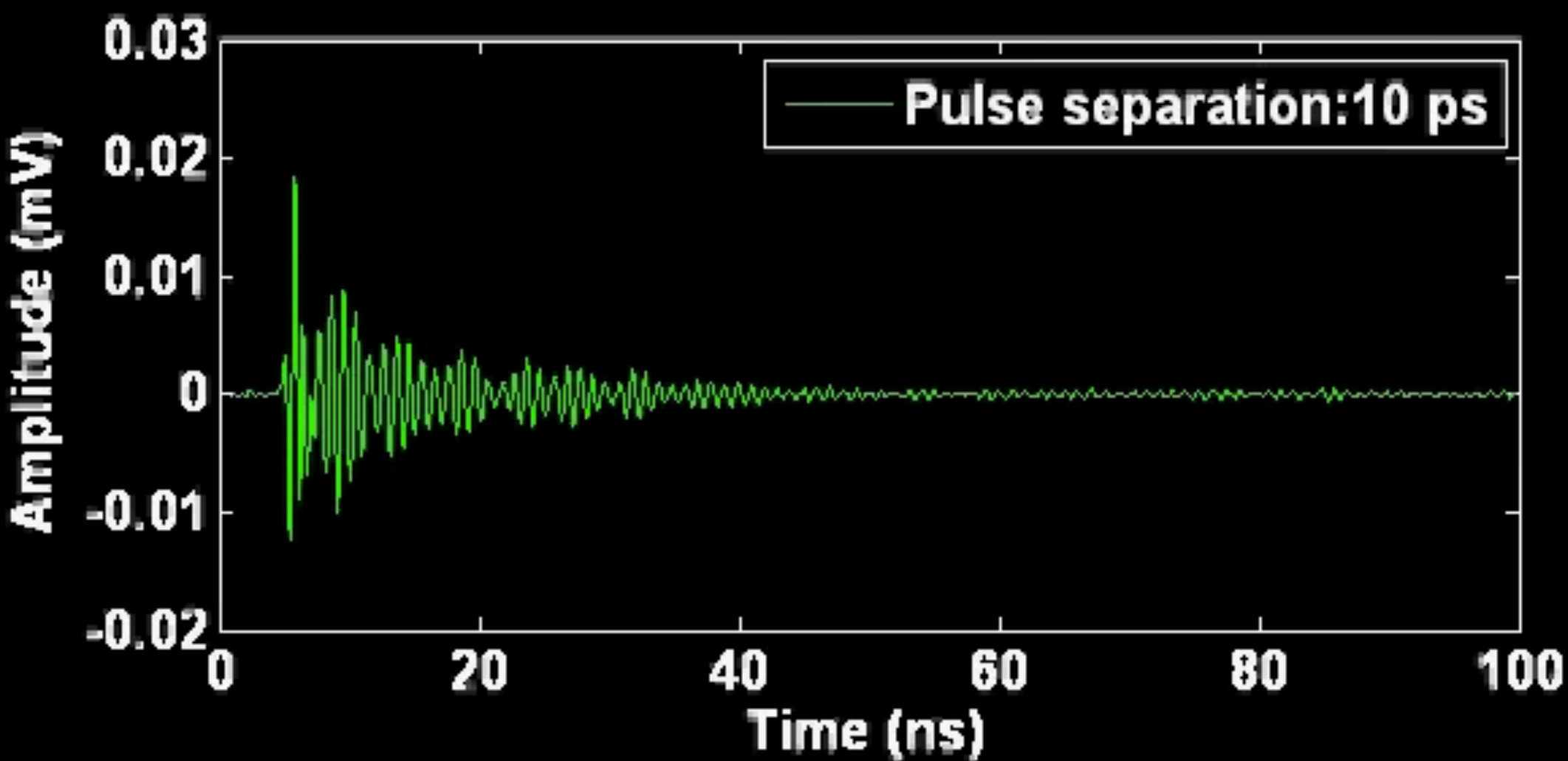






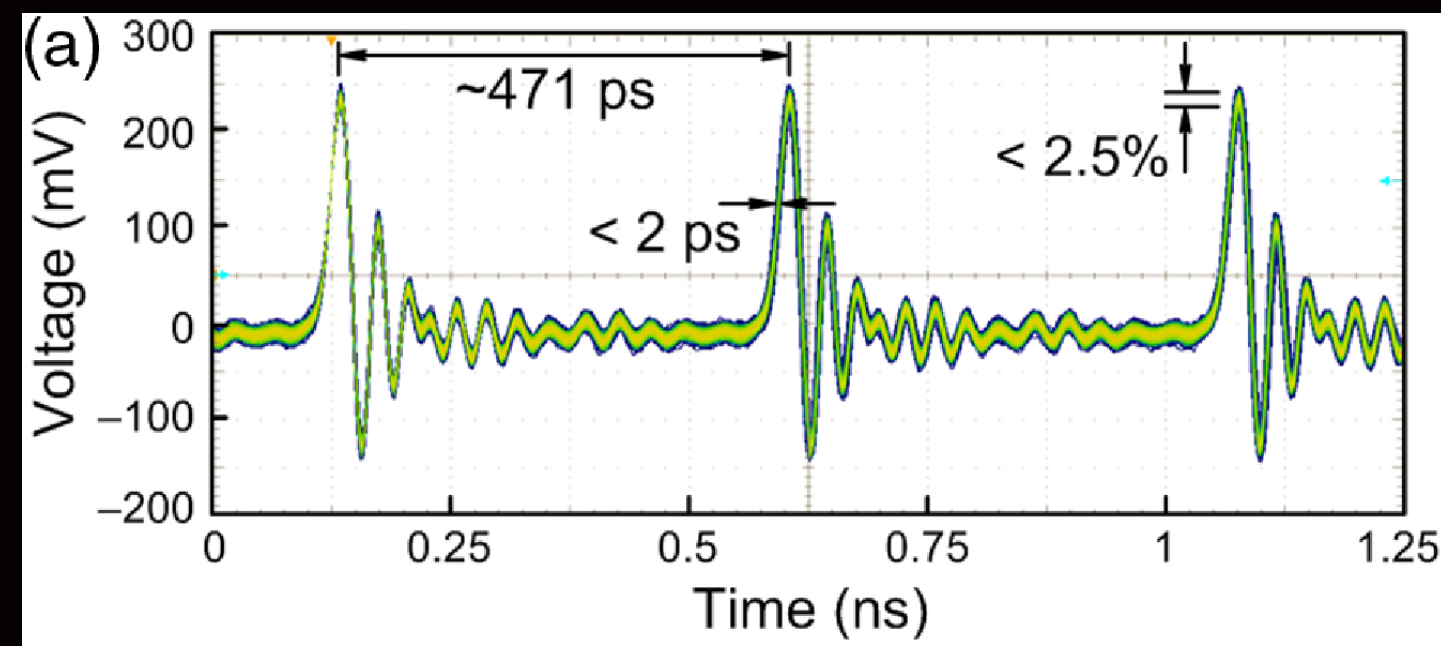
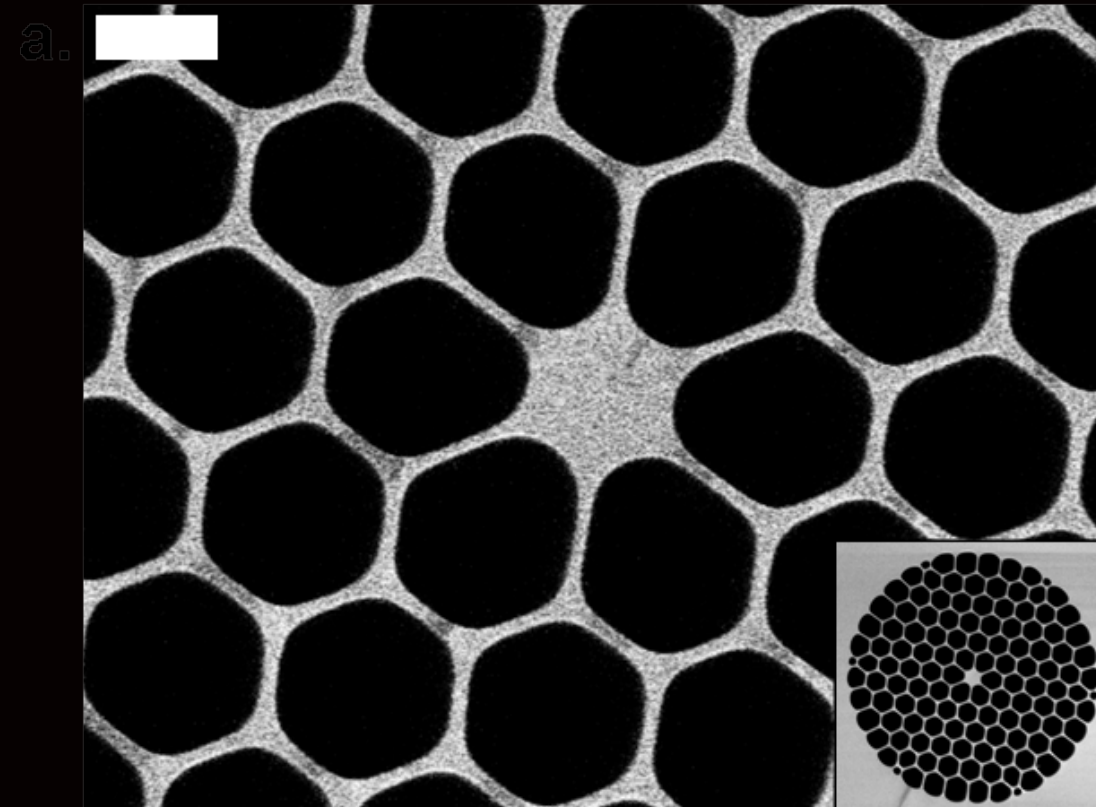




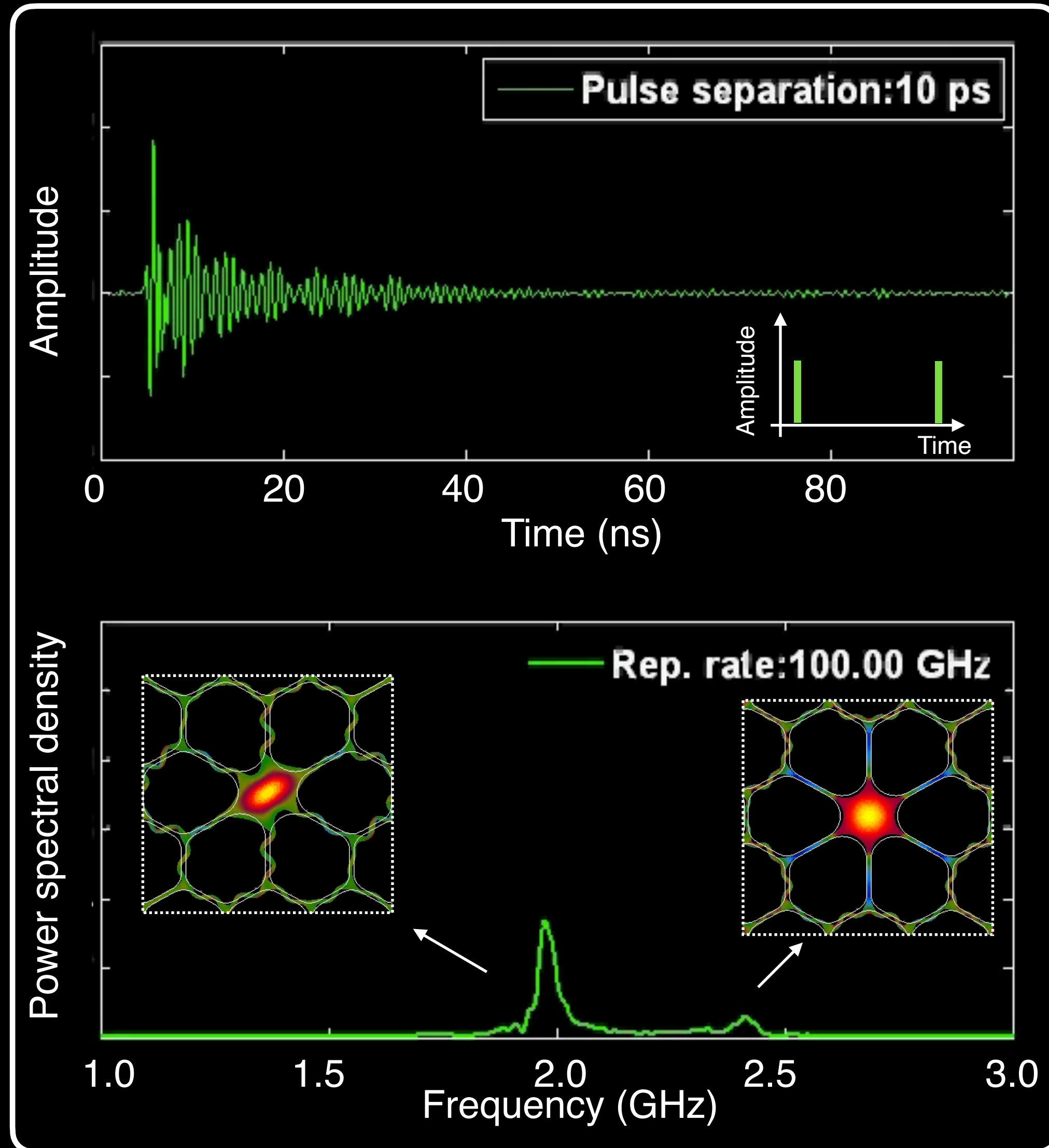




# Brillouin Scattering in microwires



W. He, et al, Optics Express, 23(19), 24945-24954 (2015)  
M. Pang, Optica, Vol. 2, Issue 4, pp. 339-342 (2015)





# Outline

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- Introduction to Brillouin Scattering
- Mechanical modes
- ➔ • Optical modes
- Harnessing Brillouin interaction
- Optomechanical cavities
- Final remarks