

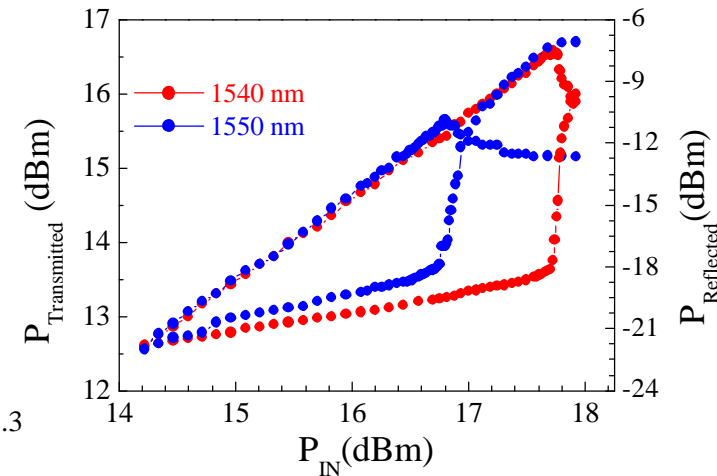
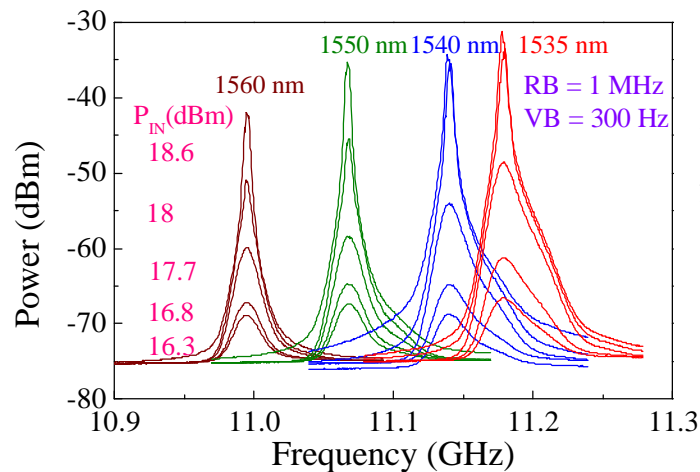
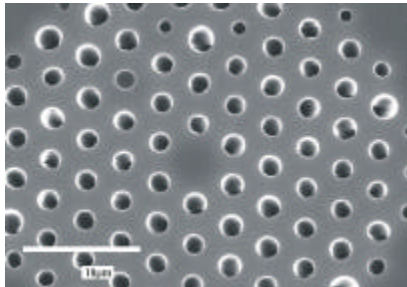
# SBS in holey fibers

R. Pattnaik, S. Texier and J. Toulouse

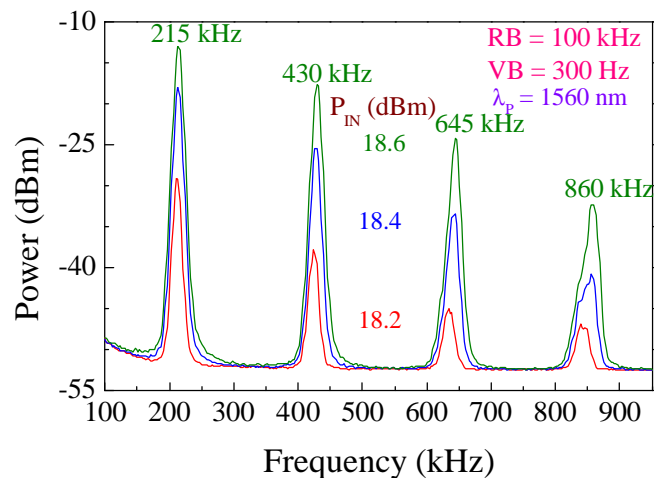
Fiber: PC421

Brillouin Spectra

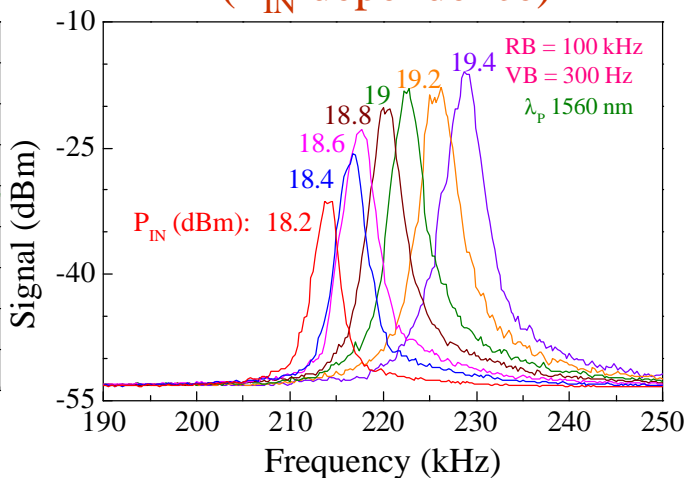
Forward & reflected power



Lasing: Cavity Modes



Cavity Mode  
( $P_{IN}$  dependence)



Conclusions

- High SBS threshold
- $\lambda$ -dependent gain
- Efficient lasing
- $P_{IN}$  dependent cavity mode