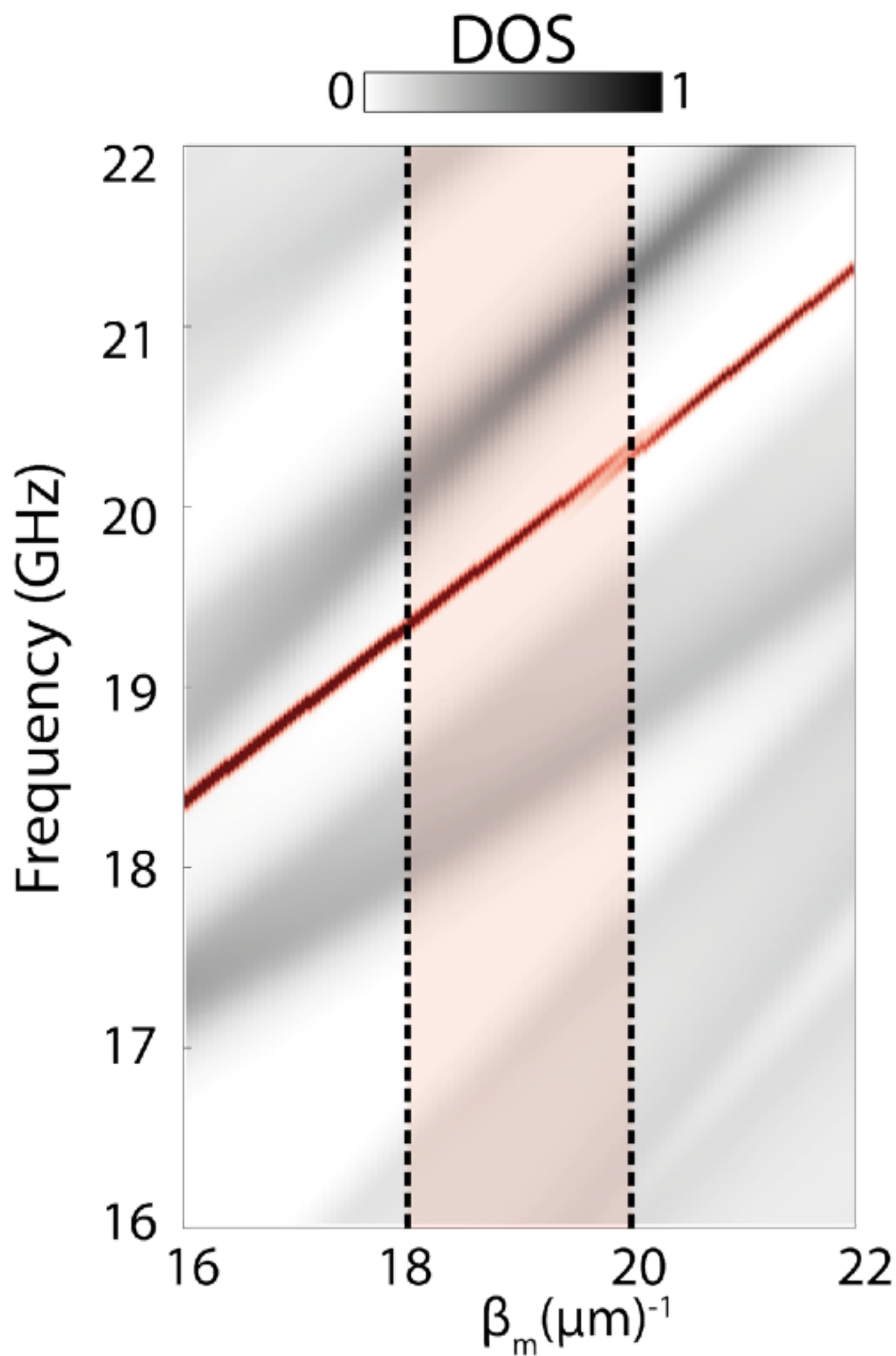


0



1

$$|\mathbf{u}|/u_{\max}$$

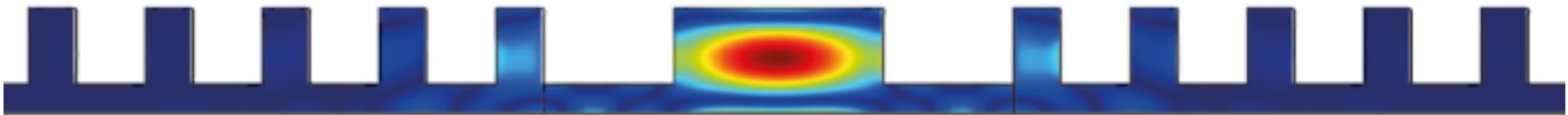


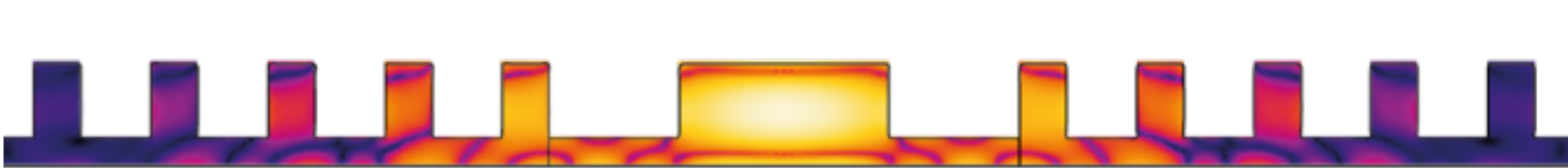
Active Region
Mode dispersion

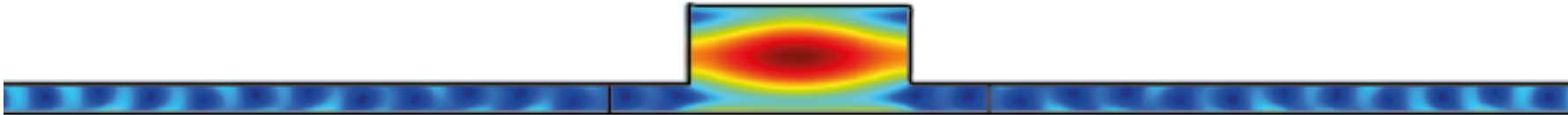
Crystal modes
dispersion

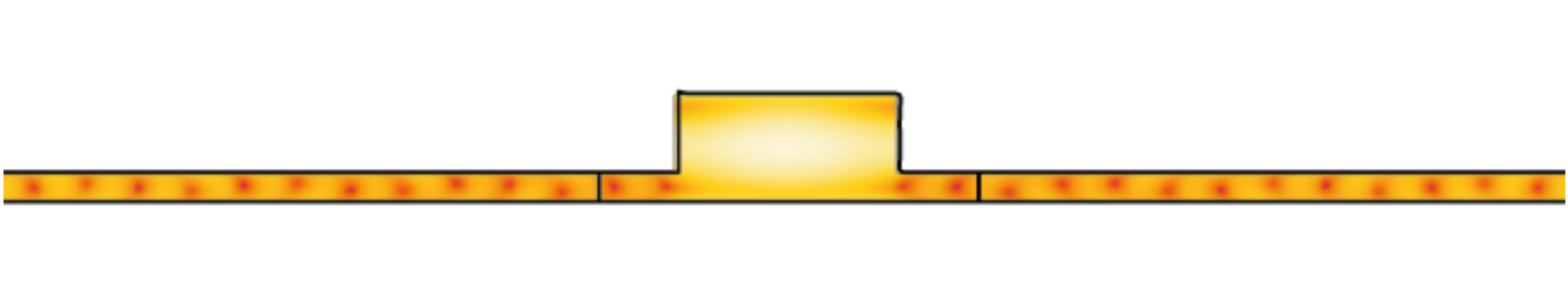


$|u|$ (dB)









Discussion

9

4



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







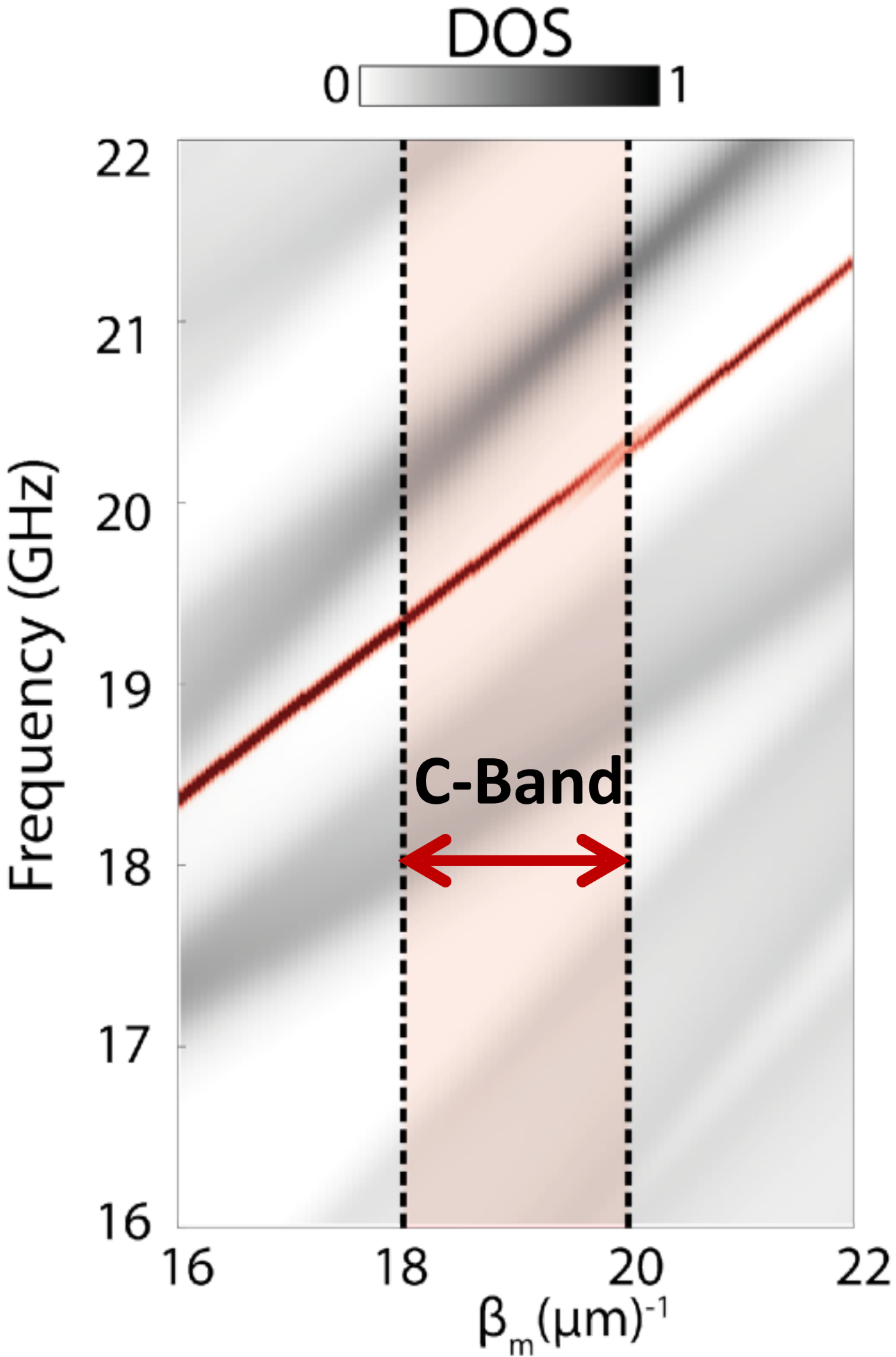
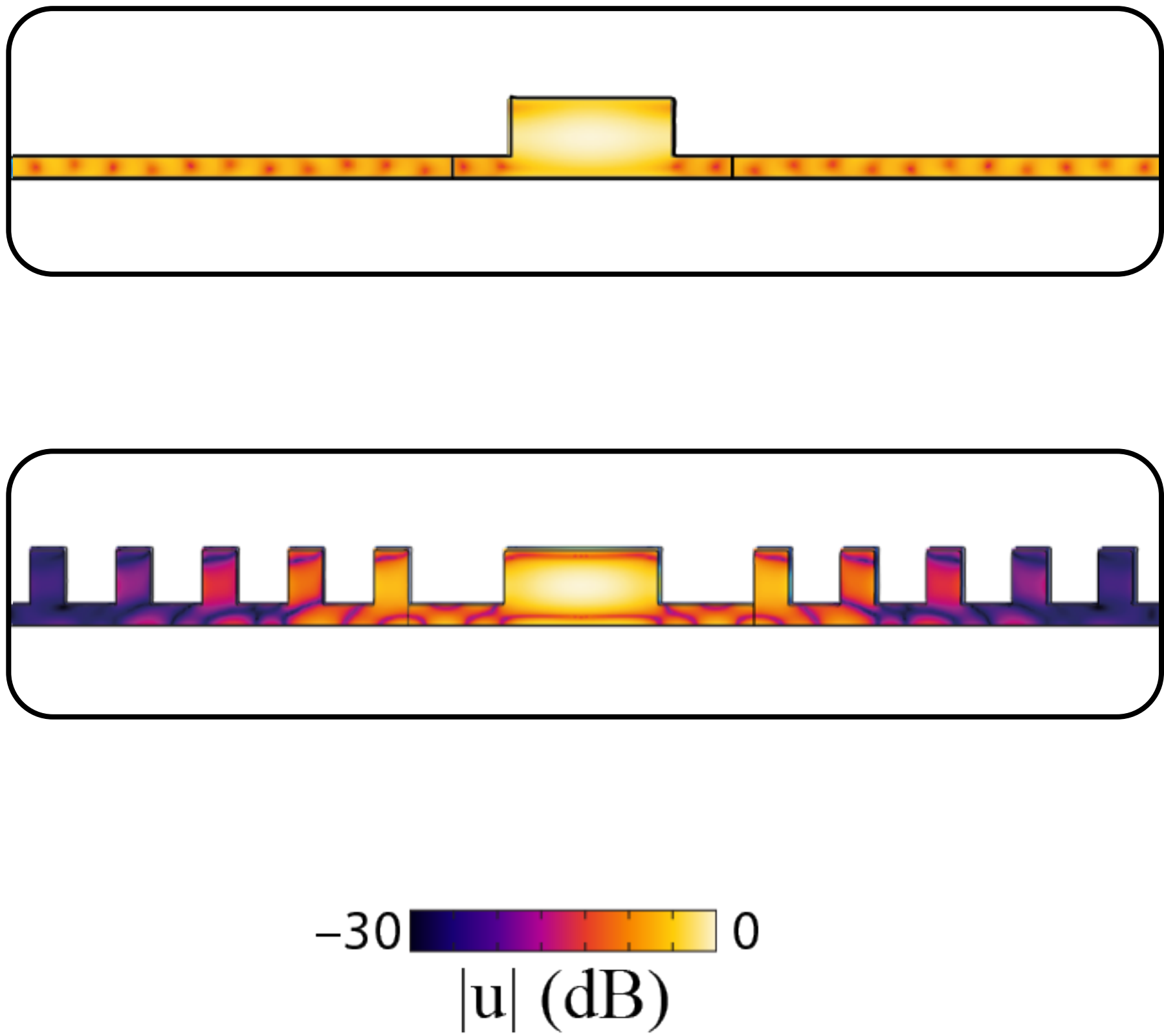
C-Band



DO: 10.5281/zenodo.44148337



Discussion



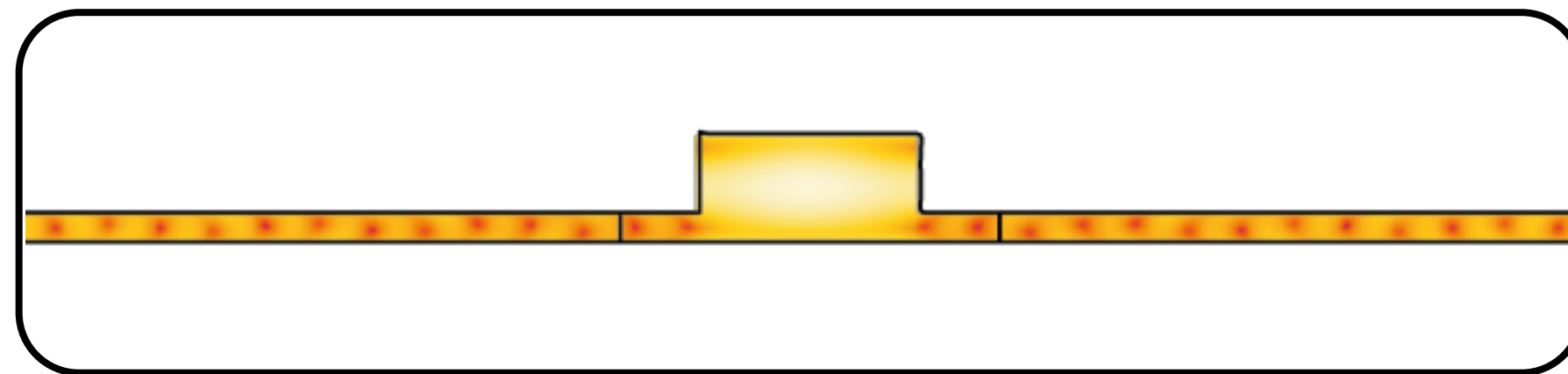
 Active Region
Mode dispersion

 Crystal modes
dispersion

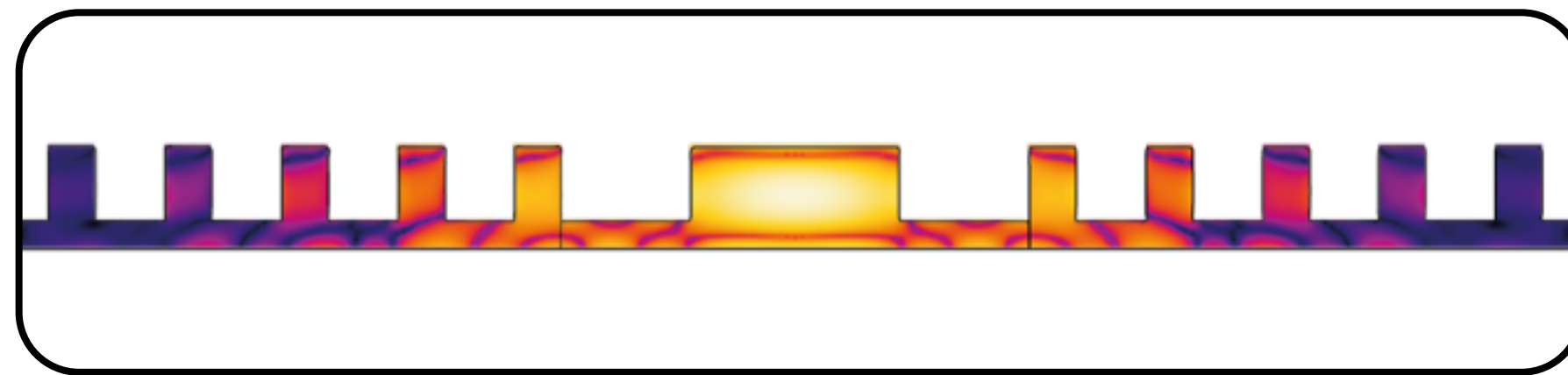


Discussion

Mechanical Confinement:
 $\approx 4 \times$ Larger Gain

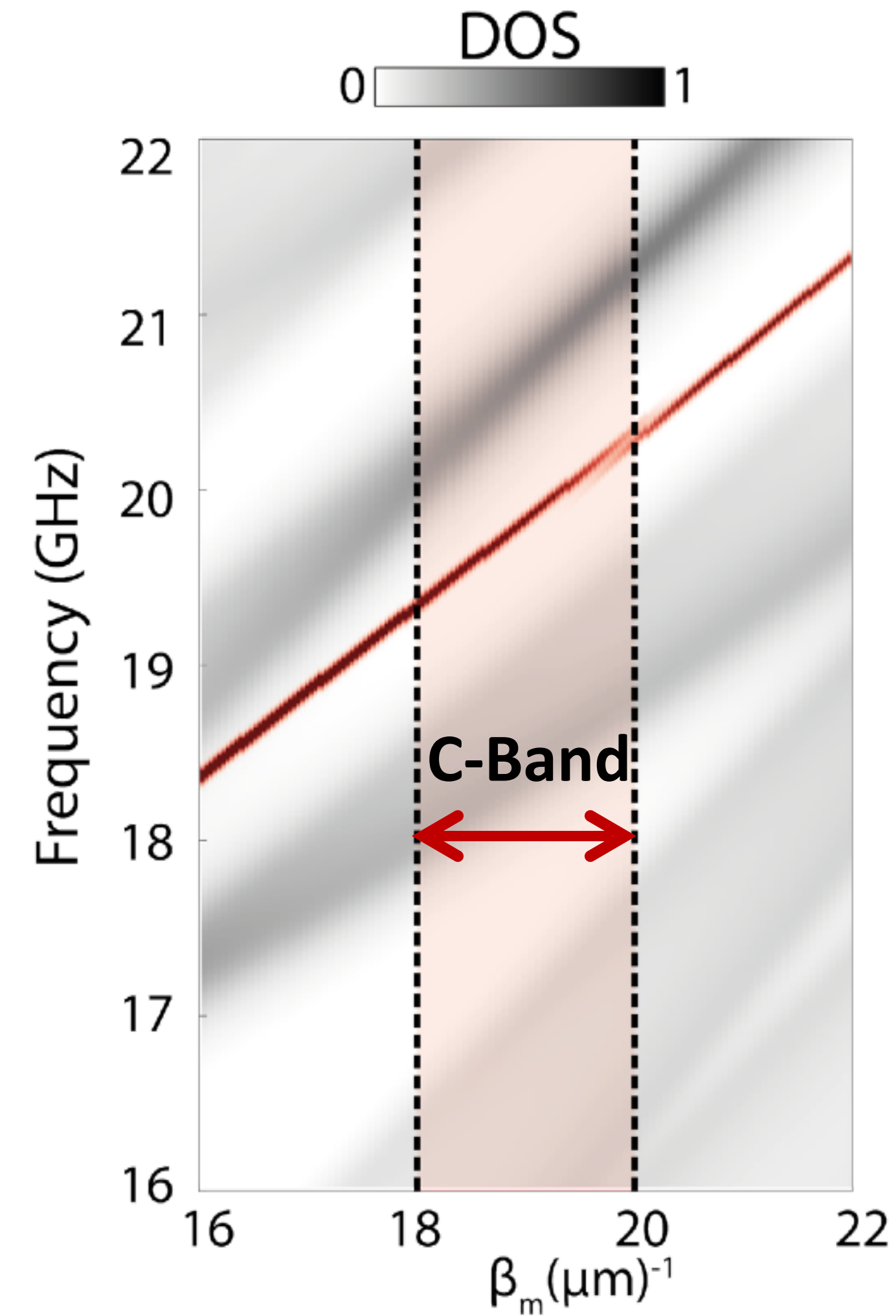


$$G_B/Q_m = 0.15 (W.m)^{-1}$$



$$G_B/Q_m = 0.55 (W.m)^{-1}$$

-30 0
 $|u|$ (dB)



Active Region
 Mode dispersion

Crystal modes
 dispersion