

PHLUXi
TPO 2.0

ULTRA compact THz-wave parametric oscillator

New THz experience starts from this small box!

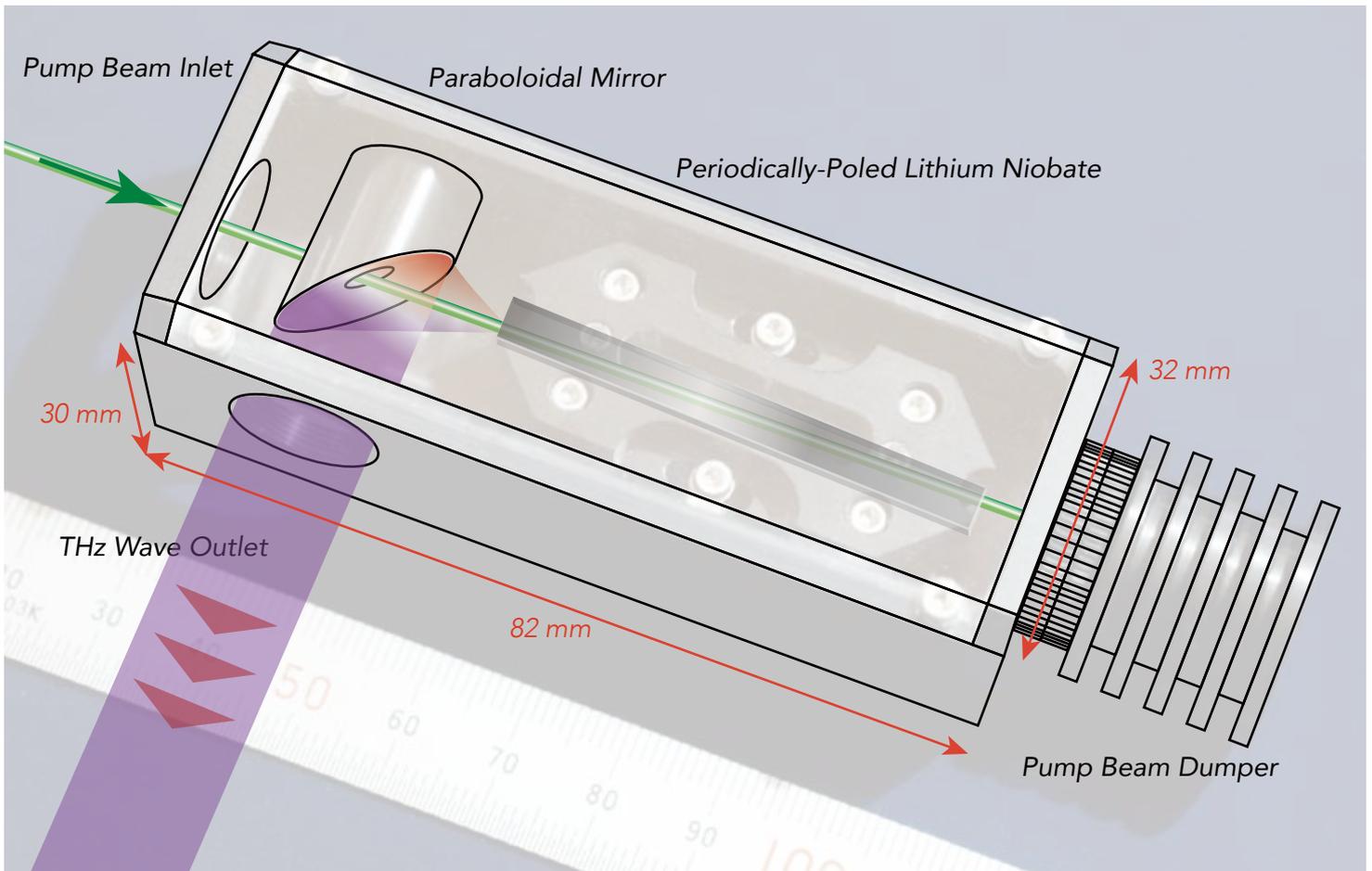
Compact module which occupies only 80 cm³ of your valuable space

Narrow linewidth with tuning range in THz and sub-THz

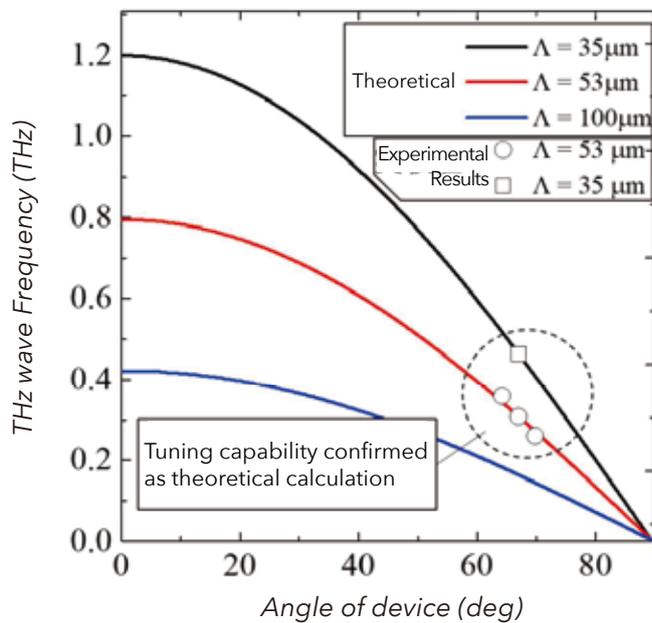
High conversion efficiency

PRELIMINARY





Angle tuning of Nonlinear crystal



Calculated frequency curve and measured results of THz wave emission*

Backward parametric oscillation realizes

- Ultra compact design
- High quantum efficiency
- Easy tuning with narrow line width

*Detailed information
to be published soon!*

*RIKEN Press Release (Japanese) issued on Sep. 29, 2017