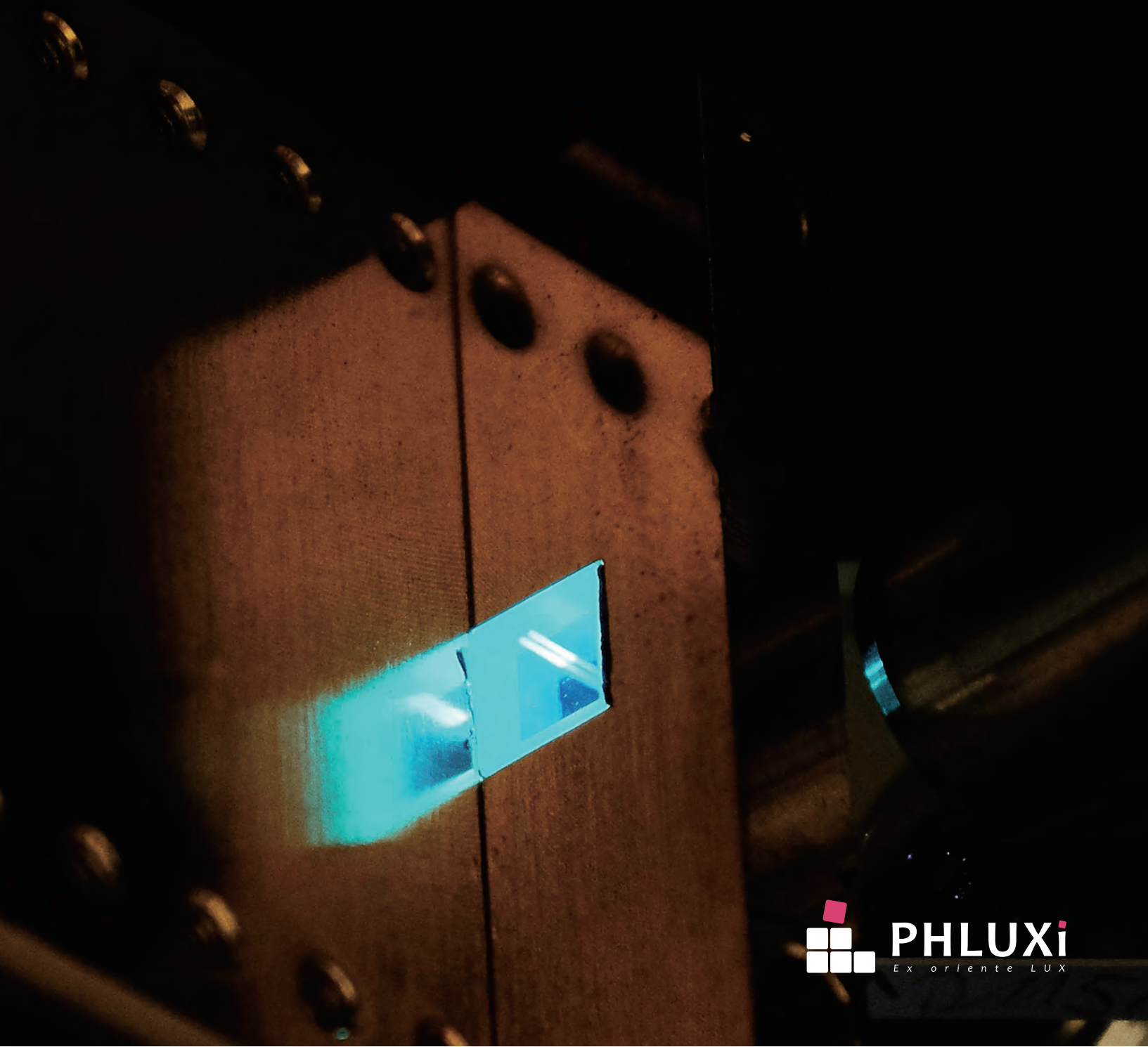


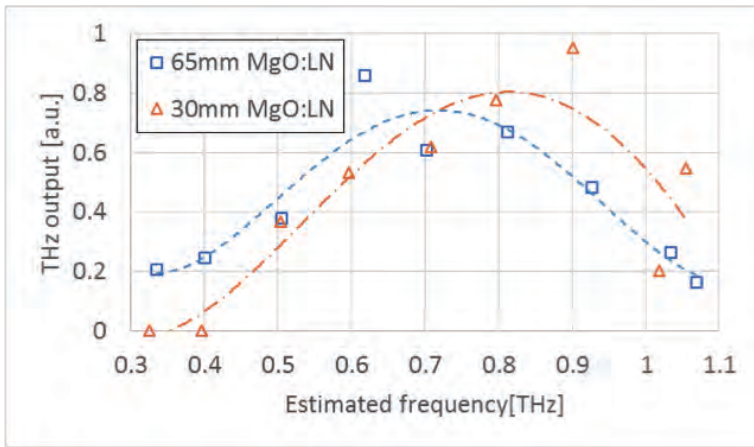
# PHLUXi's NEW

# THz Parametric Source

to be released 2018



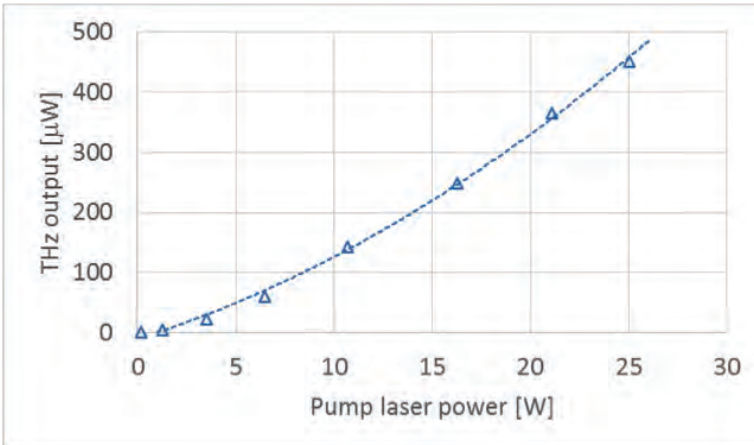
## Preliminary Results of the THz source (as of May 2017)



Wide tunability

Tunable monochromatic output in THz frequency between 0.3 and 1.1 THz.

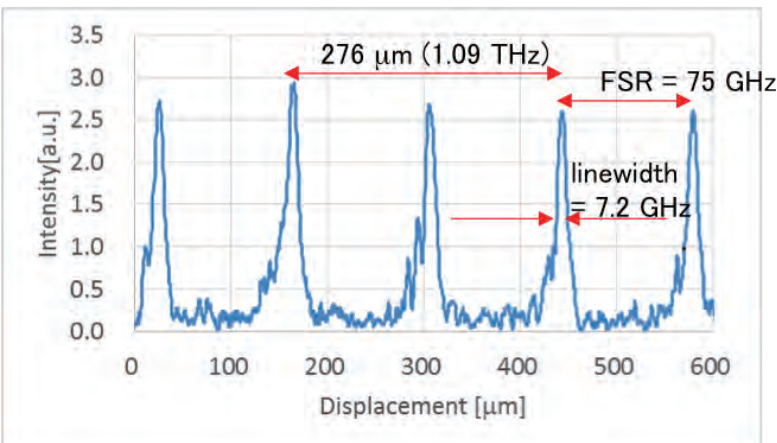
The range would be expanded with replacement of some of components.



High averaged power

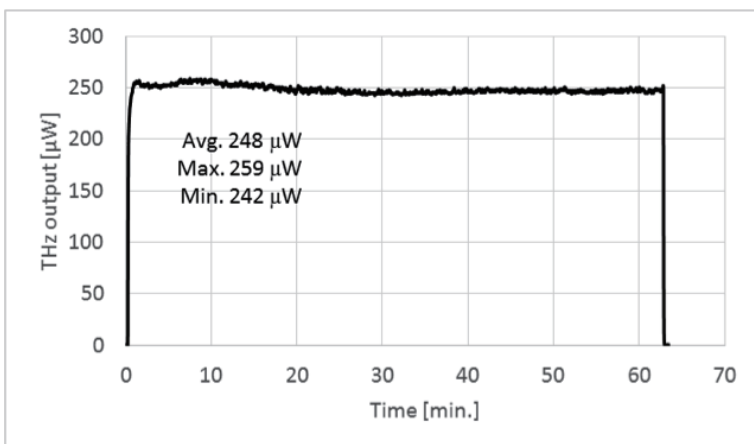
Sub-mW output is measured at around 1 THz.

Higher power is expected optimized conditions and high-gain higher frequency output.



Narrow bandwidth

The THz bandwidth strongly depends on that of pump source and is measured around 7 GHz using PHLUXi's THz Fabry-Perot Interferometer.



Stable long term operation

Robust, industrial-ready pump source enables stable output for long term operation.

For MORE information, please contact us.