

Micro-machining with High-frequency Bursts of Ultra-short Pulse Lasers

S. Butkus^{1,2}, V. Sirutkaitis², M. Barkauskas¹

*1- Light Conversion, Keramikų 2B, LT-10233, Vilnius, Lithuania
2- Laser Research Centre, Saulėtekio 10, LT-10223, Vilnius, Lithuania*

Corresponding author: martynas.barkauskas@lightcon.com

In this work we present results on material micro-machining with ultra-short pulse laser PHAROS having high-frequency (>1GHz) intra pulse-bursts. Comparison is made with machining result of single pulse (no burst) and low-frequency (~100MHz) intra-pulse burst regimes.