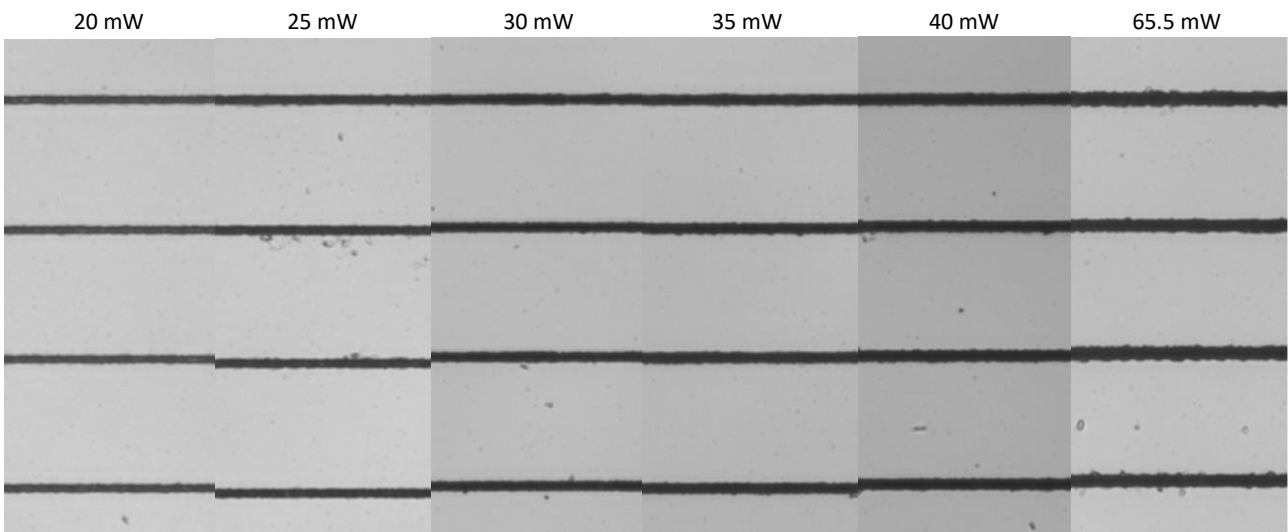
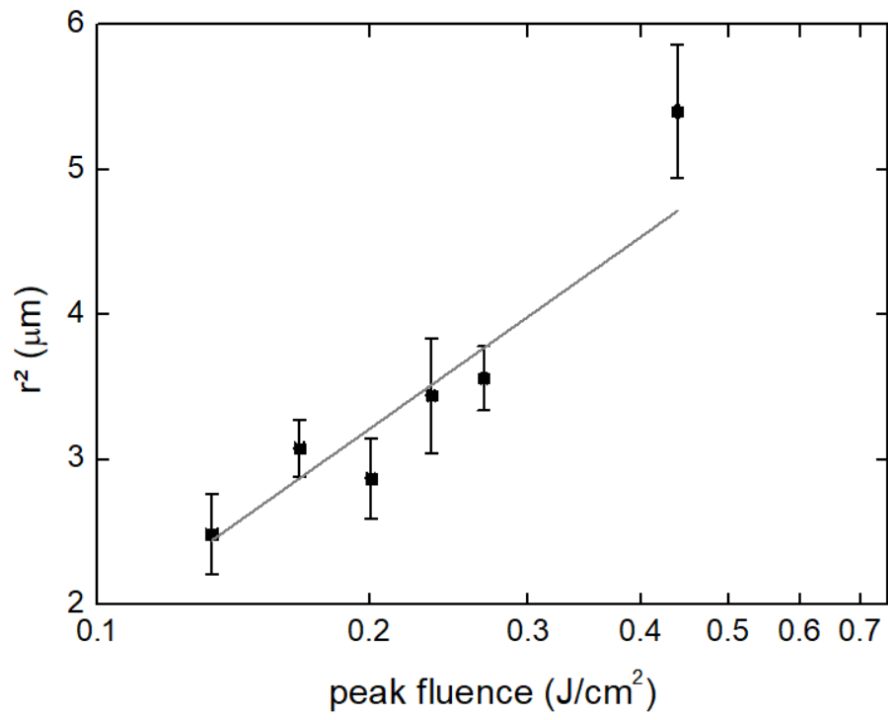
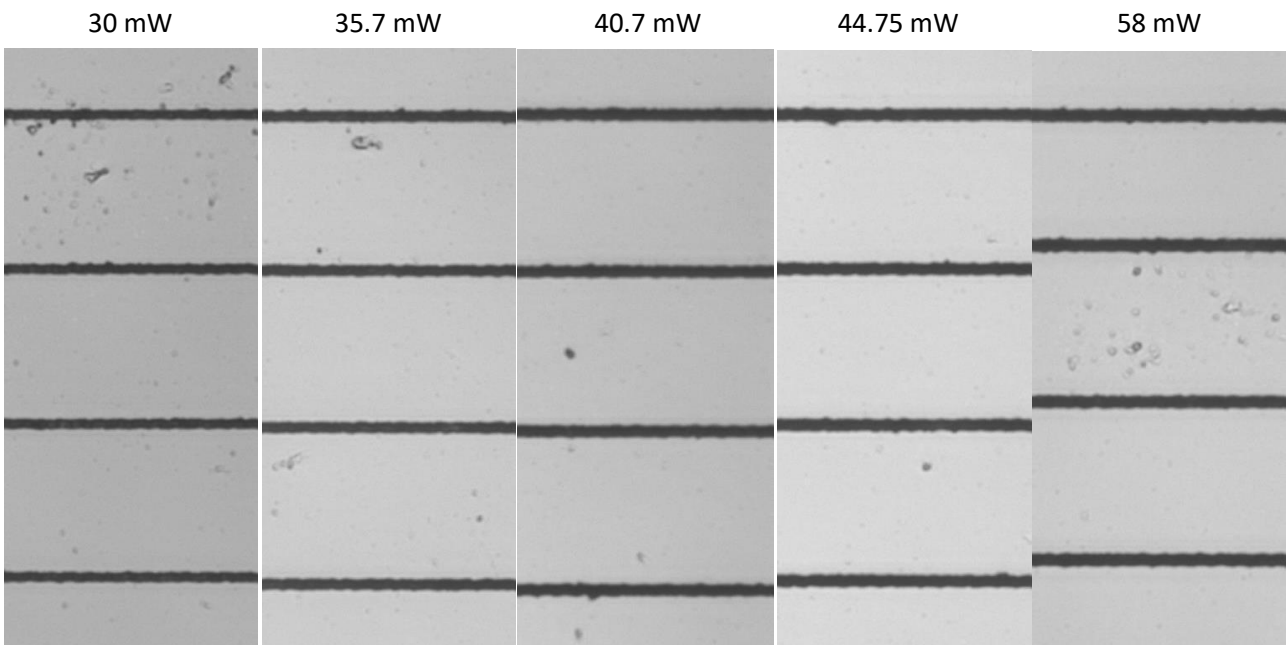
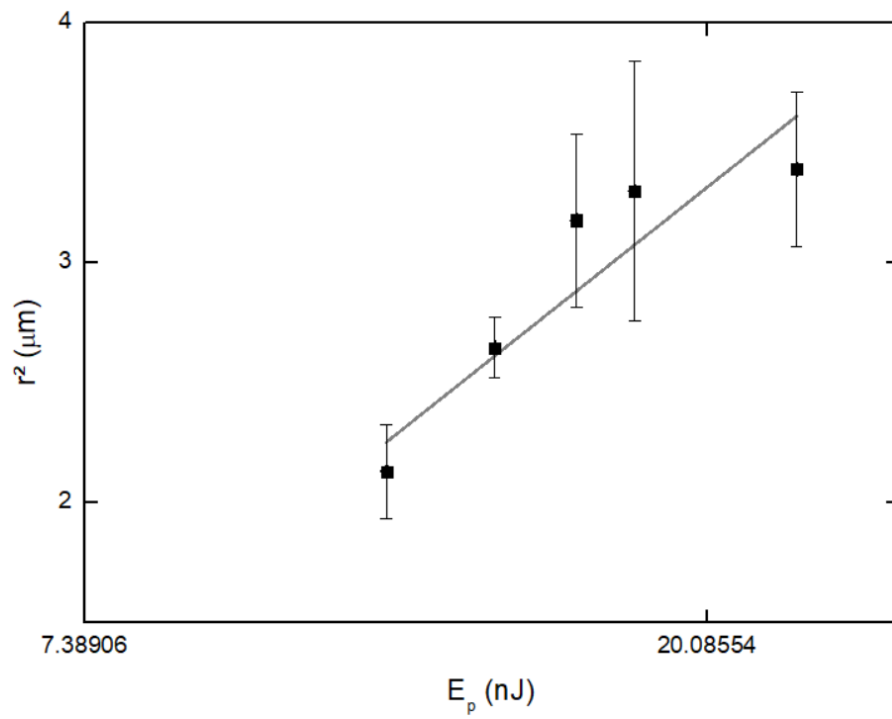


**Supplementary data:**

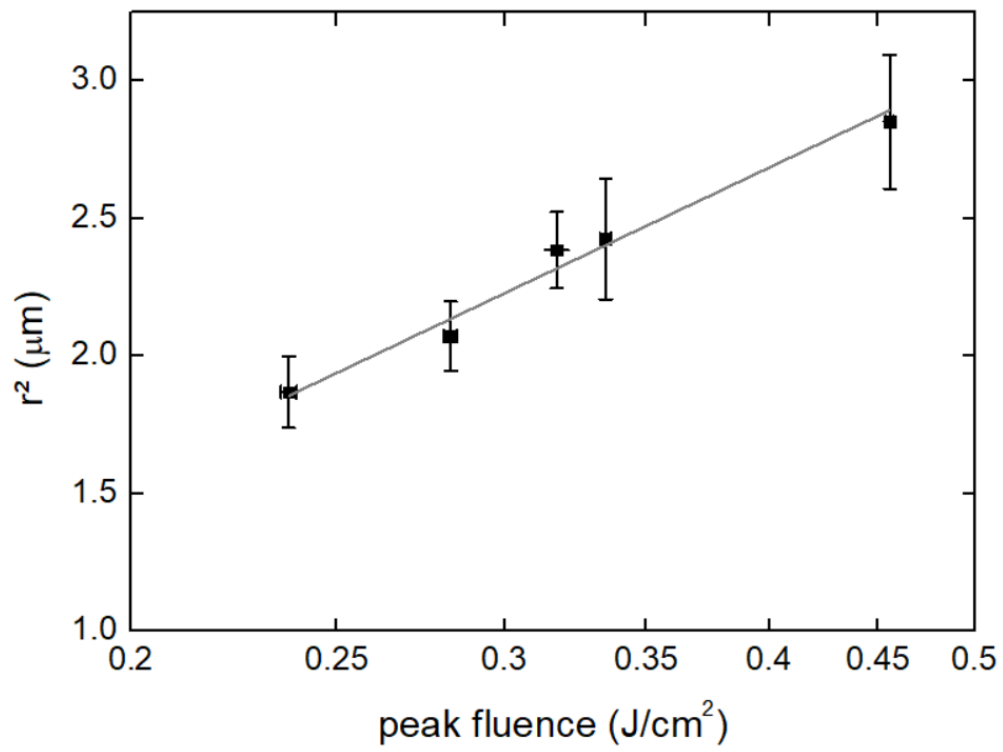
- GaN threshold fluence at 90000 pulses per area:



- GaN threshold energy at 4500 pulses per area:



- GaN threshold fluence at 800 pulses per area:



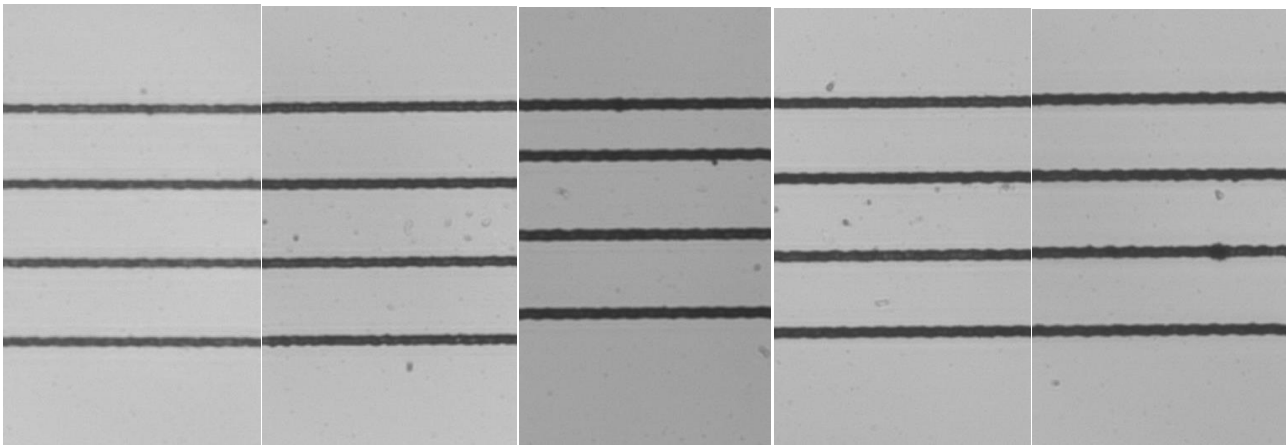
30.2 mW

36 mW

40.4 mW

42.6 mW

58 mW



- GaN threshold fluence at 520 pulses per area:

