

LIDT TEST RESULTS

LIDT VALUE

10^4 -on-1	$0.546^{+0.022}_{-0.021} \text{ J/cm}^2$
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CHARACTERISTIC DAMAGE CURVE

Table 1: Estimated LIDTs from fitting model for sample JLF022.

Test mode	Threshold (Catastrophic)	Threshold (Color mode)
1-on-1	$0.648^{+0.024}_{-0.024} \text{ J/cm}^2$	$0.628^{+0.024}_{-0.023} \text{ J/cm}^2$
10-on-1	$0.601^{+0.024}_{-0.023} \text{ J/cm}^2$	$0.555^{+0.014}_{-0.014} \text{ J/cm}^2$
10^2 -on-1	$0.582^{+0.022}_{-0.022} \text{ J/cm}^2$	$0.546^{+0.022}_{-0.021} \text{ J/cm}^2$
10^3 -on-1	$0.582^{+0.022}_{-0.022} \text{ J/cm}^2$	$0.546^{+0.022}_{-0.021} \text{ J/cm}^2$
10^4 -on-1	$0.582^{+0.022}_{-0.022} \text{ J/cm}^2$	$0.546^{+0.022}_{-0.021} \text{ J/cm}^2$

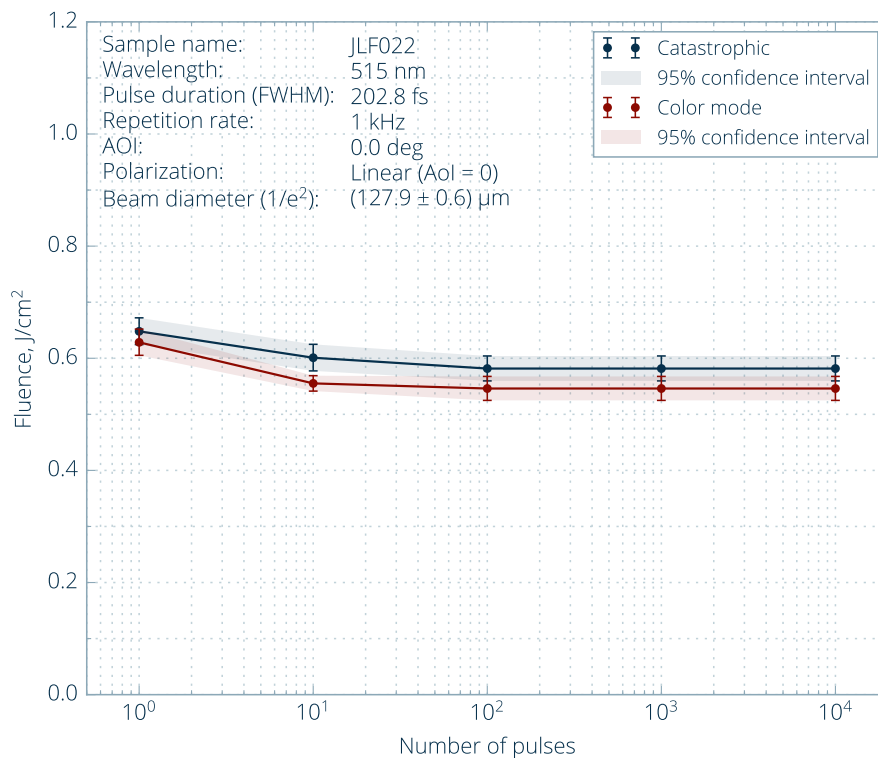


Figure 2. Characteristic damage curve.

DAMAGE PROBABILITY (CATASTROPHIC)

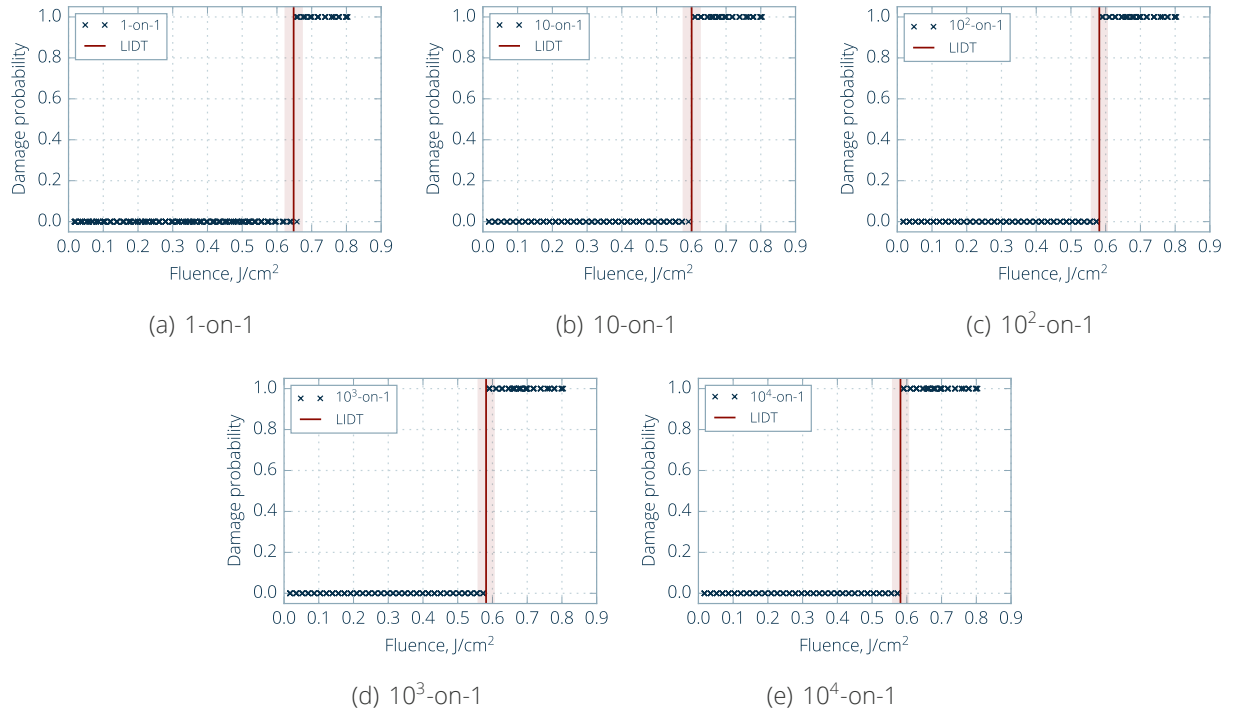


Figure 3. Damage probability plots.

TYPICAL DAMAGE MORPHOLOGY (CATASTROPHIC)

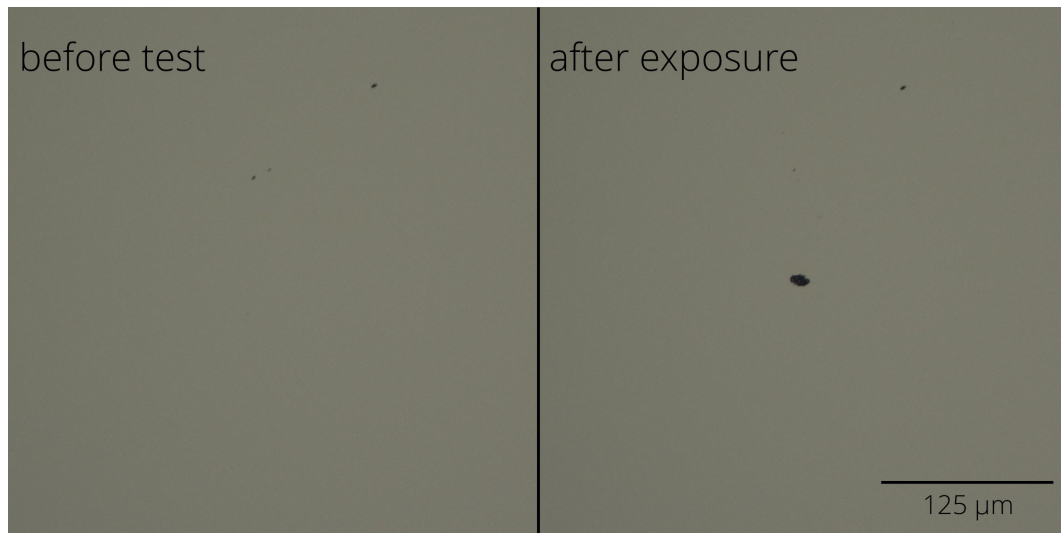


Figure 4. Typical damage morphology: fluence 0.591 J/cm^2 , damage after 39 pulse(s).

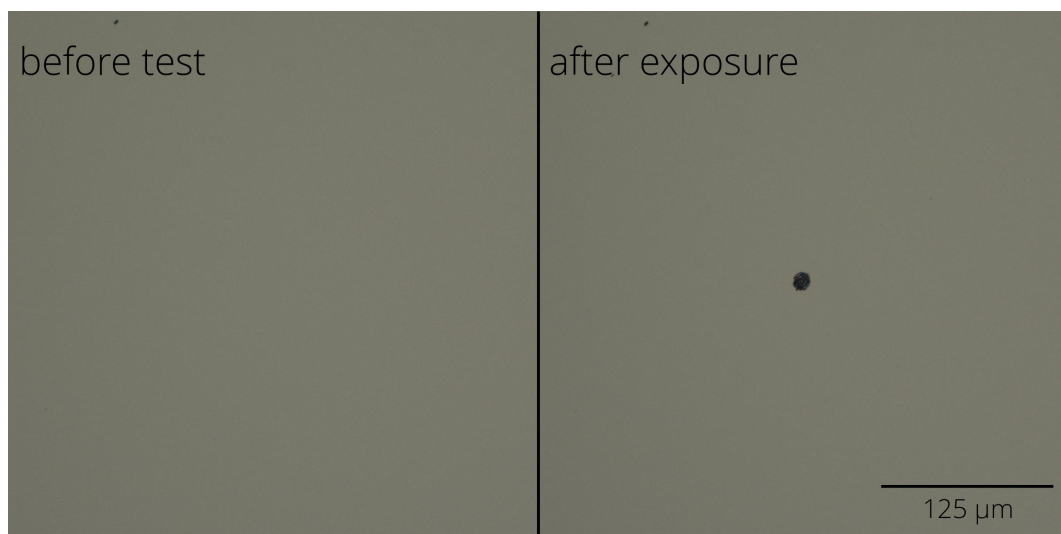


Figure 5. Typical damage morphology: fluence 0.627 J/cm^2 , damage after 8 pulse(s).

DAMAGE PROBABILITY (COLOR MODE)

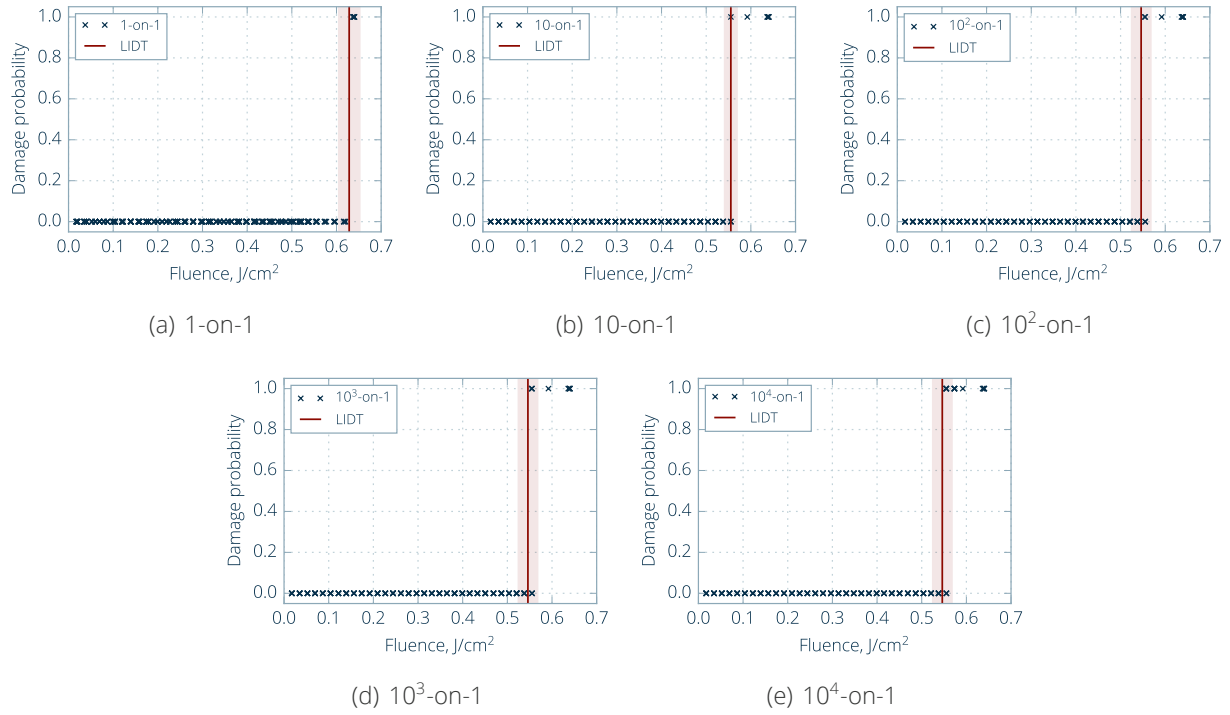


Figure 6. Damage probability plots.

TYPICAL DAMAGE MORPHOLOGY (COLOR MODE)

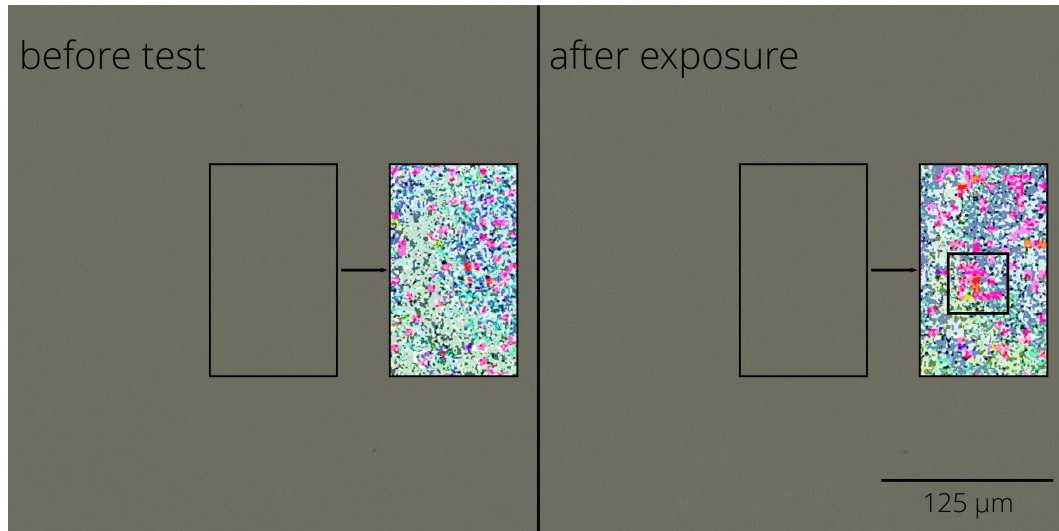


Figure 7. Typical damage morphology: fluence 0.574 J/cm^2 , damage after 10000 pulse(s). High contrast image.

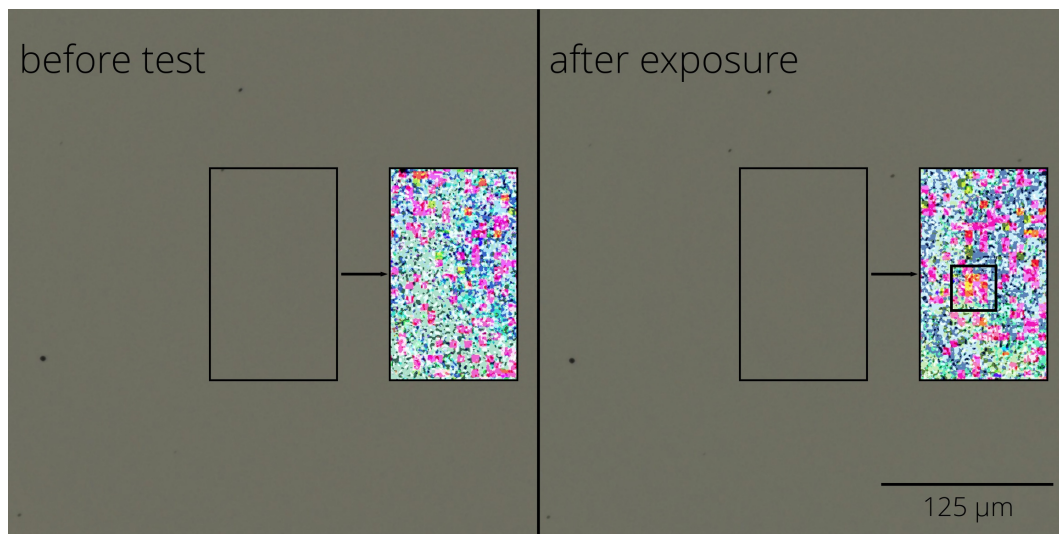


Figure 8. Typical damage morphology: fluence 0.592 J/cm^2 , damage after 10 pulse(s). High contrast image.