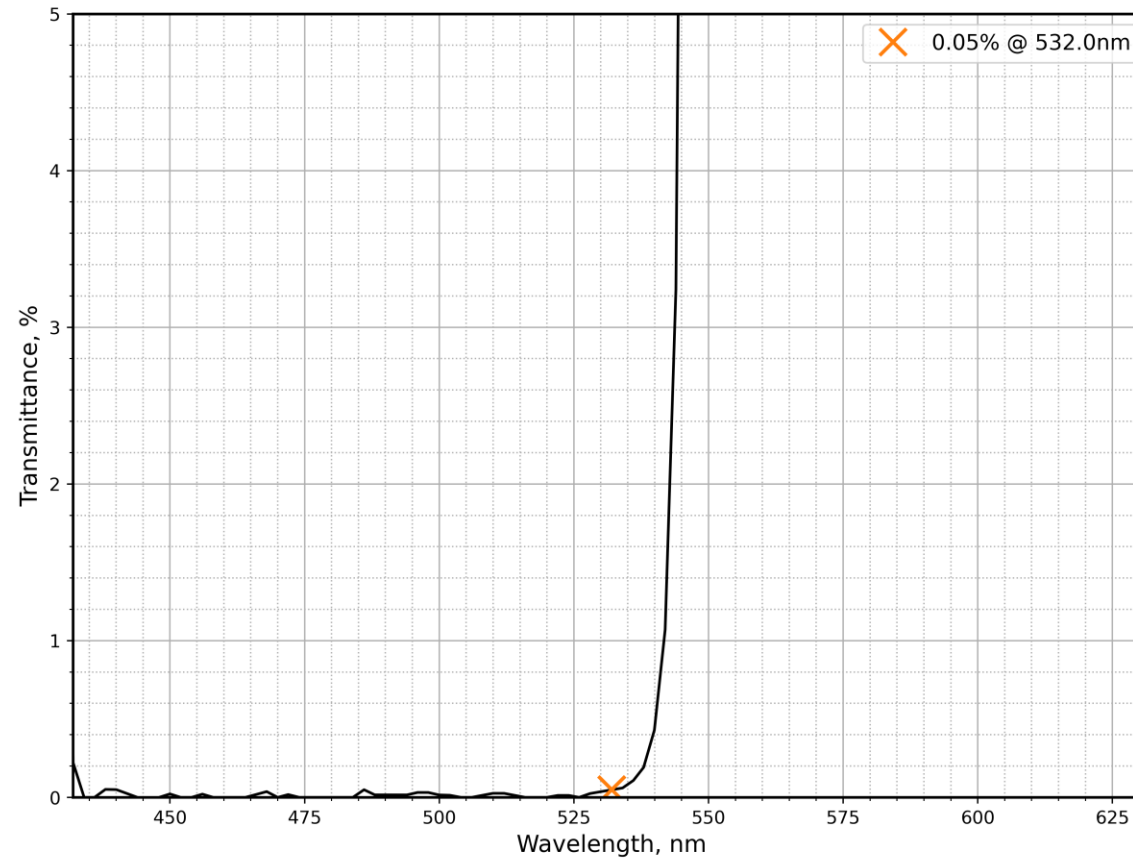


S1: (arrow marks) HRs > 99.8% @ 532 nm + HTP > 97% @ 532 nm, AOI = 45° (+/- 1° adjustment for best performance)
S2: ARp < 0.1% @ 532 nm, AOI = 45°



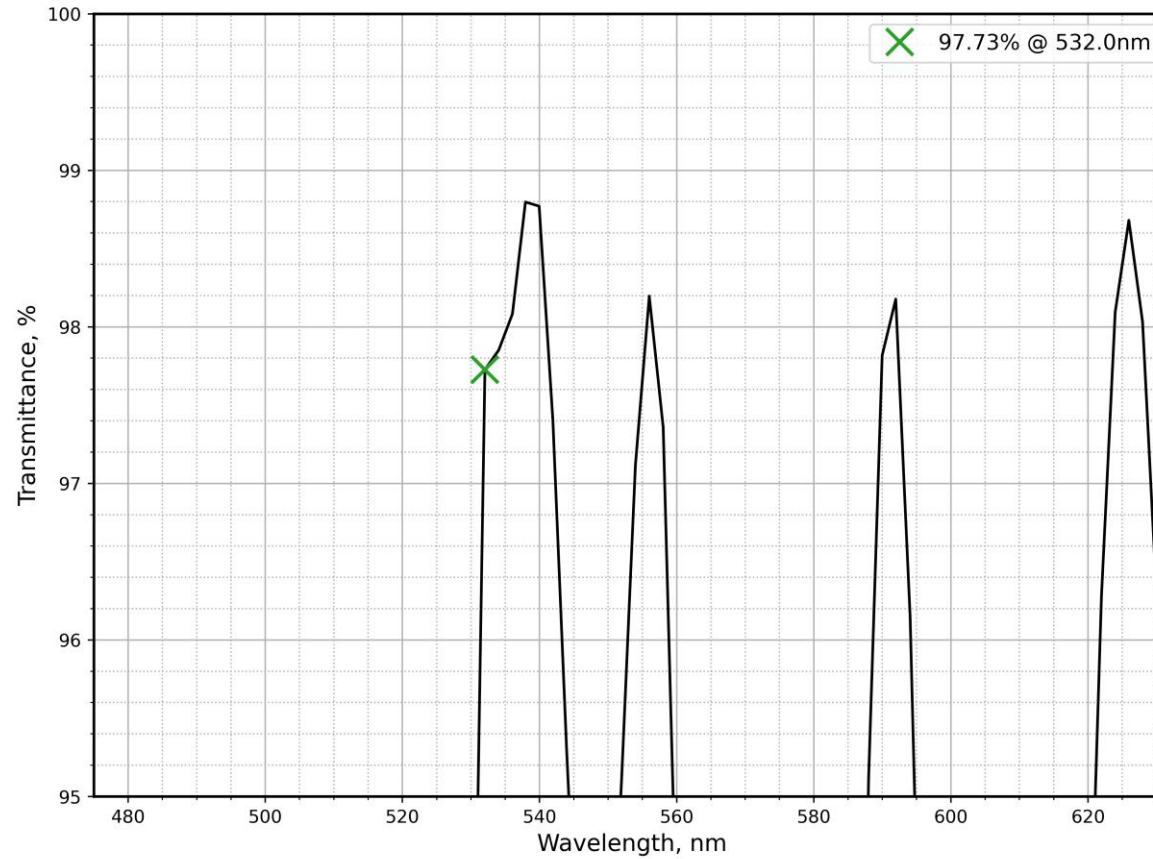
PO7431 Ts i46

Fig. 1.

SIDE MEASURED: S1+S2 (good component)

COMMENTS:

S1: (arrow marks) HRs > 99.8% @ 532 nm + HTP > 97% @ 532 nm, AOI = 45° (+/- 1° adjustment for best performance)
S2: ARp < 0.1% @ 532 nm, AOI = 45°



PO7431 Tp 46

Fig. 2.

SIDE MEASURED: S1+S2 (good component)

COMMENTS:

LIDT TEST RESULTS

LIDT VALUE

10^3 -on-1	$6.79^{+0.19}_{-0.64}$ J/cm ²
10^3 -on-1 (scaled to 10.0 ns)	$8.90^{+0.25}_{-0.83}$ J/cm ²

CHARACTERISTIC DAMAGE CURVE

Table 1: Estimated LIDTs from fitting model for sample PAN6884_TFP77.

Test mode	Pulse duration	Threshold (Offline detection - microscopy)	Threshold (Online detection - scattering)
1-on-1	5.8 ns	$9.62^{+0.41}_{-1.35}$ J/cm ²	$9.43^{+0.62}_{-1.52}$ J/cm ²
	scaled to 10.0 ns	$12.61^{+0.54}_{-1.77}$ J/cm ²	$12.36^{+0.81}_{-1.99}$ J/cm ²
10-on-1	5.8 ns	-	$6.79^{+0.25}_{-0.64}$ J/cm ²
	scaled to 10.0 ns	-	$8.90^{+0.33}_{-0.83}$ J/cm ²
10^2 -on-1	5.8 ns	-	$6.79^{+0.24}_{-0.64}$ J/cm ²
	scaled to 10.0 ns	-	$8.90^{+0.32}_{-0.83}$ J/cm ²
10^3 -on-1	5.8 ns	$6.83^{+0.16}_{-0.60}$ J/cm ²	$6.79^{+0.19}_{-0.64}$ J/cm ²
	scaled to 10.0 ns	$8.95^{+0.21}_{-0.78}$ J/cm ²	$8.90^{+0.25}_{-0.83}$ J/cm ²

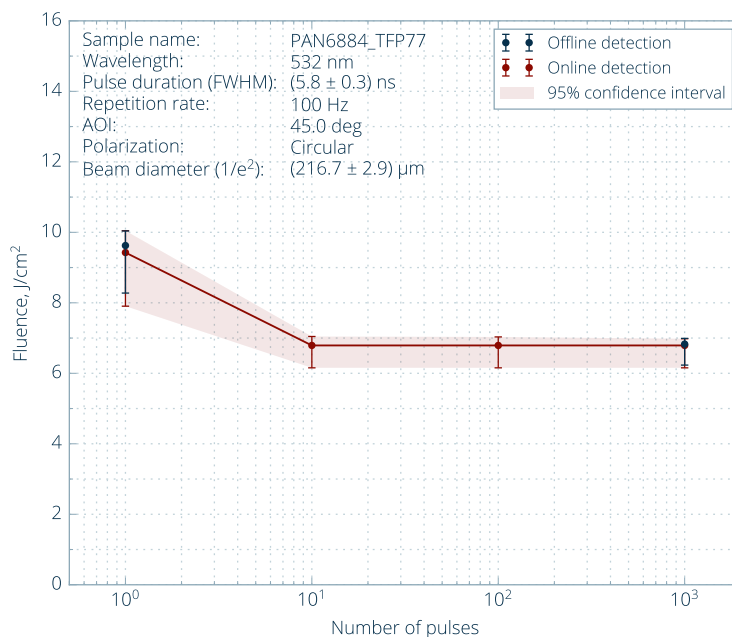


Figure 2. Characteristic damage curve.