

# SCRAT

## HIGH POWER TUNABLE LASER



HIGH POWER PER NM



CW OR PULSED REGIME



NIR TUNABLE WAVELENGTH

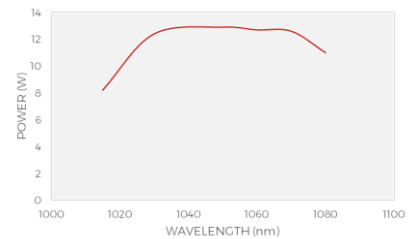
### APPLICATIONS

- SPECTROSCOPY
- BIOPHOTONICS
- NON LINEAR OPTICS

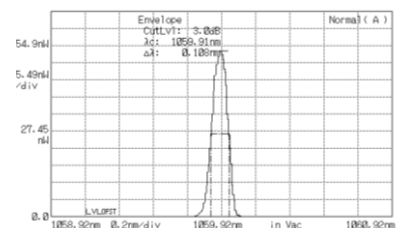
**SCRAT** product range integrate our unique fiber laser architecture that allows **wavelength tunability** in the near infra-red.

### PERFORMANCES

	<b>SCRAT</b>
Wavelength	1020 - 1080 nm
Avg. Output Power	from 20 mW up to 30 W
Amplification	Fiber amplification
Spectral bandwidth	< 0,15 nm
Regime	CW or pulsed
Beam quality	TEM00
<b>Pulsed regime option</b>	
Pulse duration	35 ps - 1 ns (adjustable)
Repetition rate	5 MHz - 1 GHz
Ext synchronization	Master/Slave



Tunability curve



Spectrum bandwidth < 0,12nm