

### Key Features

- Ultra-high spectra brightness
- 30kW peak power for pulse duration of 2.5 ns to 4 ns in 1064nm

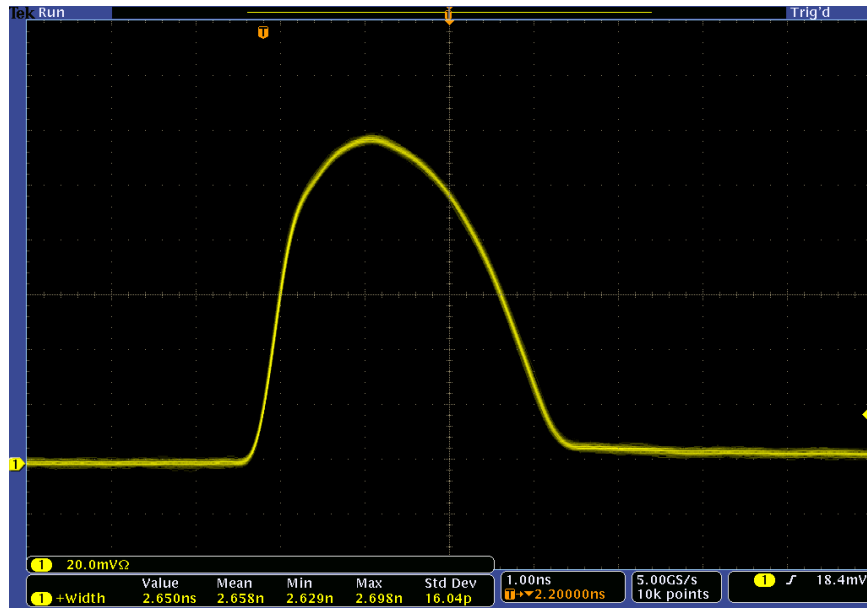
### Applications

- High power light source for LIDAR

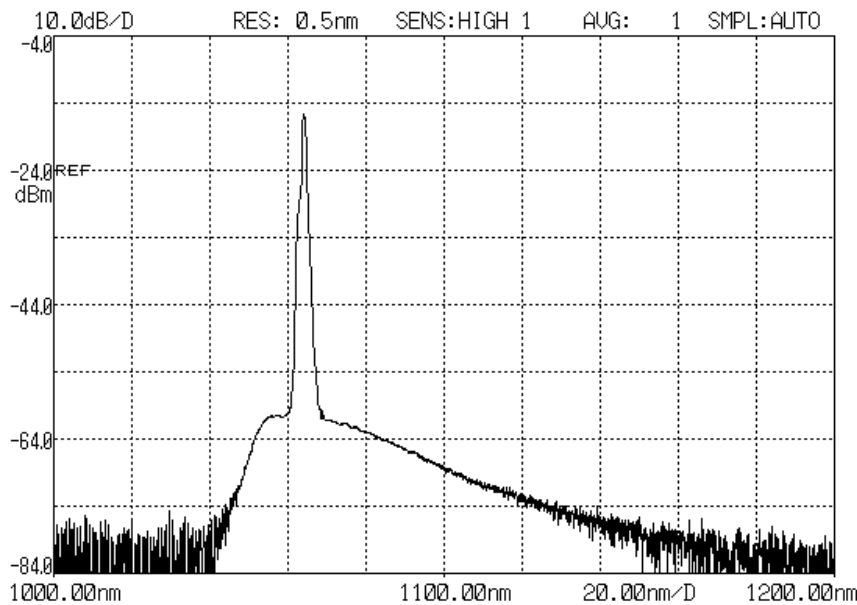
### Typical Specifications

Model Number	YDFL-Nano-1064-4-120-5-Coll
Fiber Laser Pulses Timing	External Triggered, TTL input
Center Wavelength [nm]	1064
Pulse Width [ns]	2.5 – 4.0
Pulse Energy [uJ]	120
Laser Output Power [W]	≤ 6
Laser Output Termination	Collimated, beam diameter ≤ 10 mm
Repetition rate [kHz]	10 to 1000
Laser Output Pulse Peak Power [kW]	30 kW
Polarization	Random
Output Beam Quality	$M^2 \leq 1.6$
Dimension [mm]	177 x 152 x 64
Operation Temperature [°C]	-5 to +40 Case Temperature
Input Voltage	24VDC
DC power Consumption [W]	≤ 100 [at 5W output power, +40 °C case temperature]
PC Communication Interface	RS232

*Specifications are subject to change without prior notice*



Typical output pulse shape



Typical output spectrum