

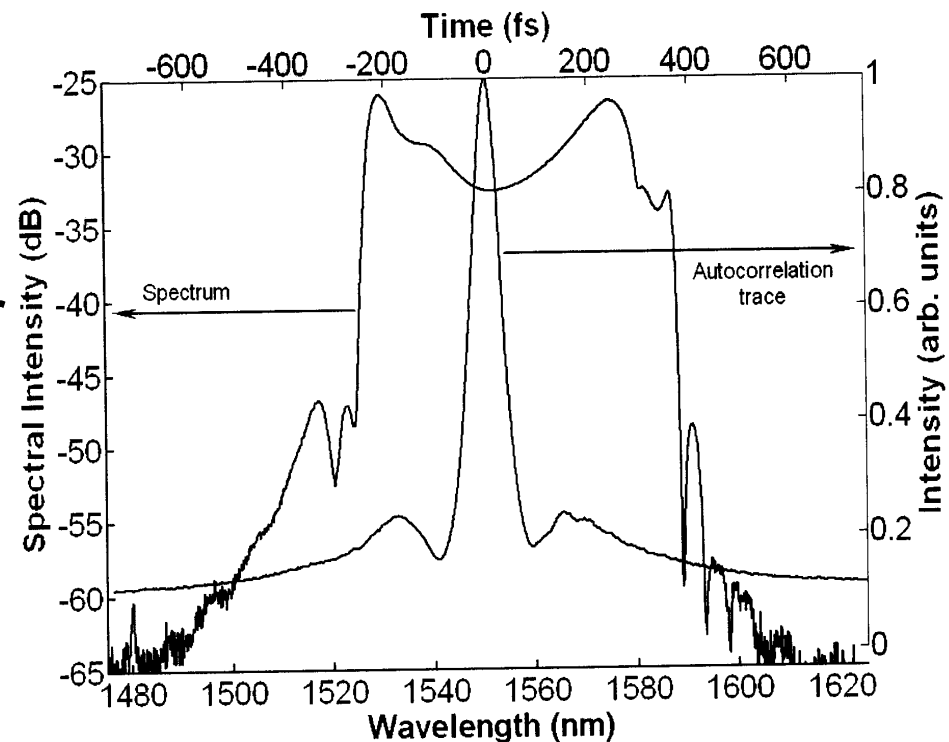
# High power ultrashort pulse fiber laser

Using a novel intracavity nonlinear pulse amplification and compression technique, we have achieved high power stable transform-limited pulses directly from an erbium-doped fiber laser oscillator.

Pulse width: 47fs

Pulse energy: ~ 2nJ

Pulse peak power~ 34kW



Experimentally measured pulse spectrum and autocorrelation trace