

Performance

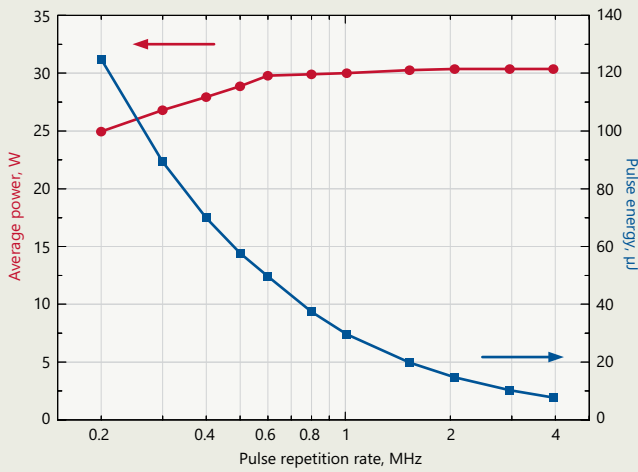


Fig 1. Typical dependence of output power and pulse energy of FemtoLux 30 laser at 1030 nm on pulse repetition rate

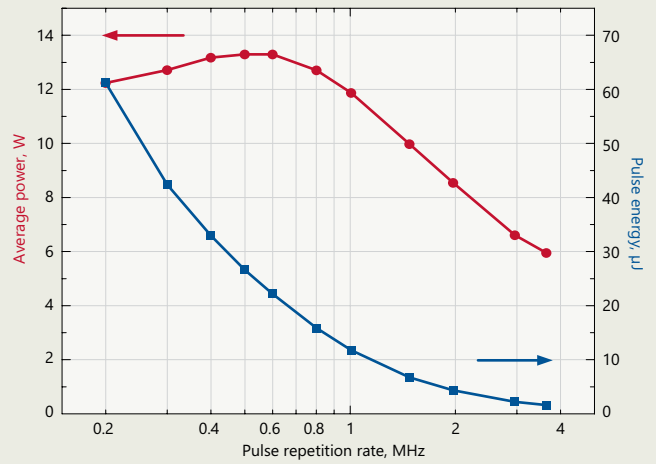


Fig 2. Typical dependence of output power and pulse energy of FemtoLux 30 laser at 515 nm on pulse repetition rate

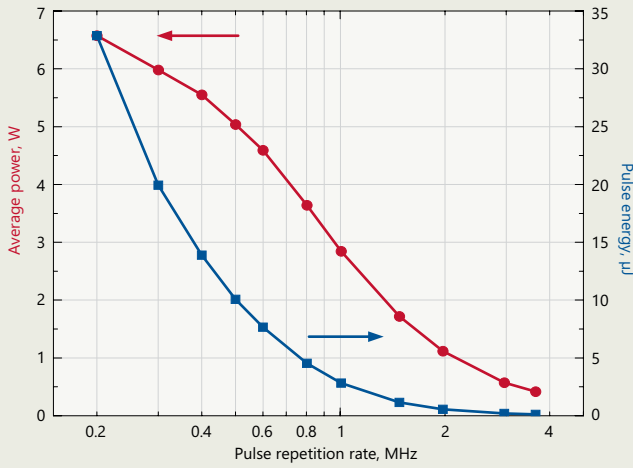


Fig 3. Typical dependence of output power and pulse energy of FemtoLux 30 laser at 343 nm on pulse repetition rate

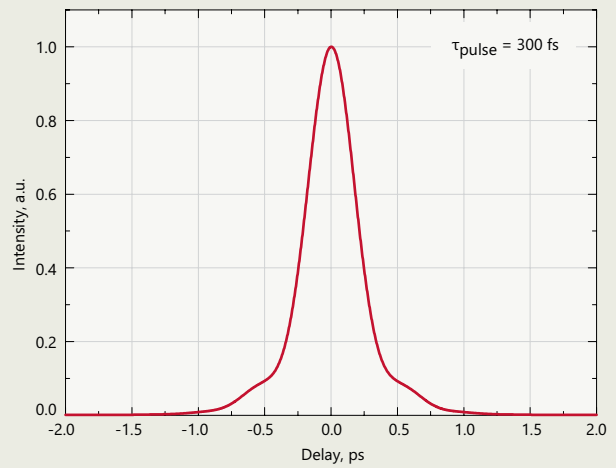


Fig 4. Typical FemtoLux 30 laser (at 1030 nm) output pulse autocorrelation function

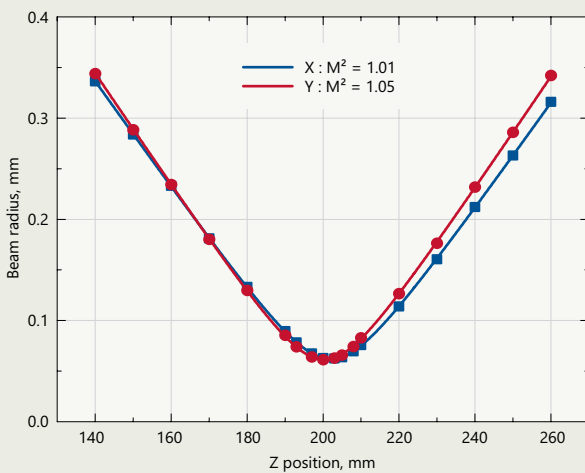


Fig 5. Typical M^2 measurement of FemtoLux 30 laser at 1030 nm

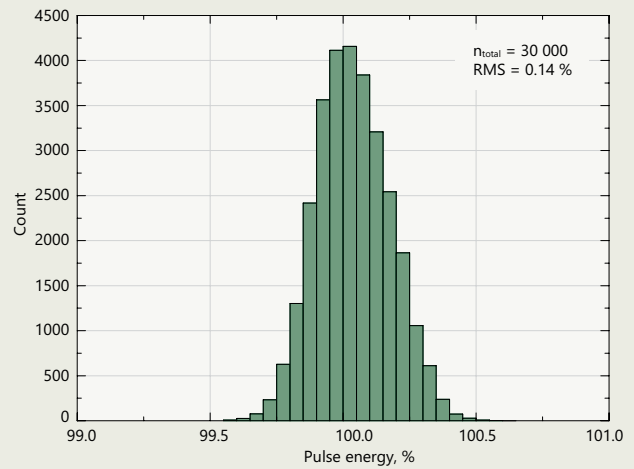


Fig 6. Typical pulse-to-pulse energy stability of FemtoLux 30 laser at 200 kHz over 30 000 pulses. RMS was calculated by using a set of mean values of 10 consecutive laser shots

FemtoLux 30

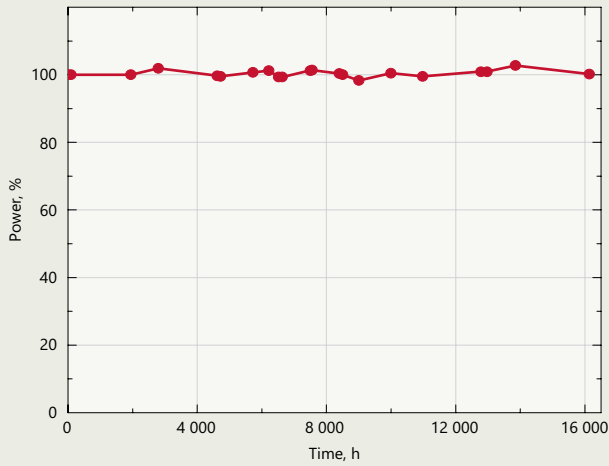


Fig 7. Long-term average power stability of the FemtoLux 30 laser at 1030 nm under constant environmental conditions over an extended duration of 16,000 hours

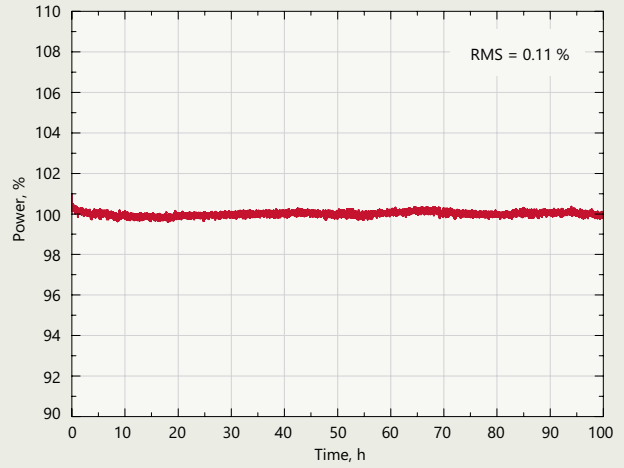


Fig 8. Typical long term average power stability of FemtoLux 30 laser at 1030 nm under constant environmental conditions

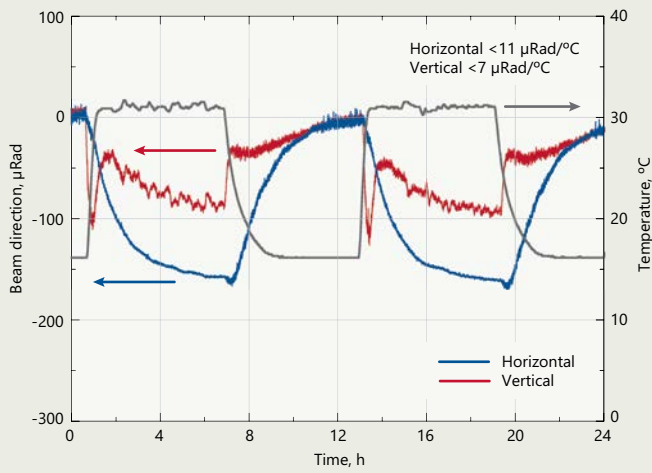


Fig 9. Typical beam direction stability of FemtoLux 30 under harsh environmental conditions

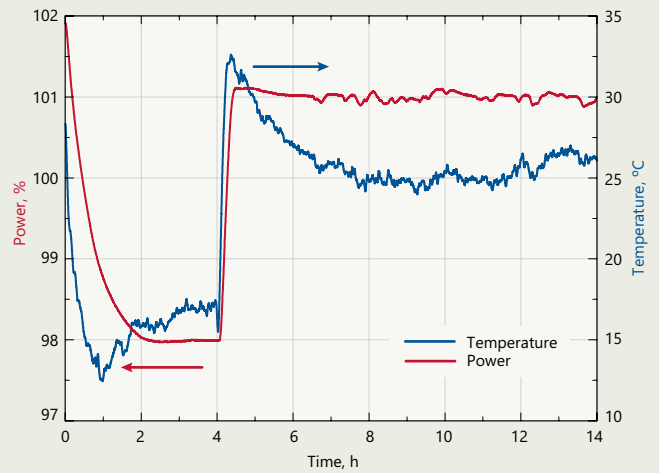


Fig 10. Average output power dependence of FemtoLux 30 laser on ambient temperature at 1030 nm



FemtoLux 30 with harmonics module and power supply