

*n* L I G H T

# Dispersion data for LIEKKI™ Er30-4/125

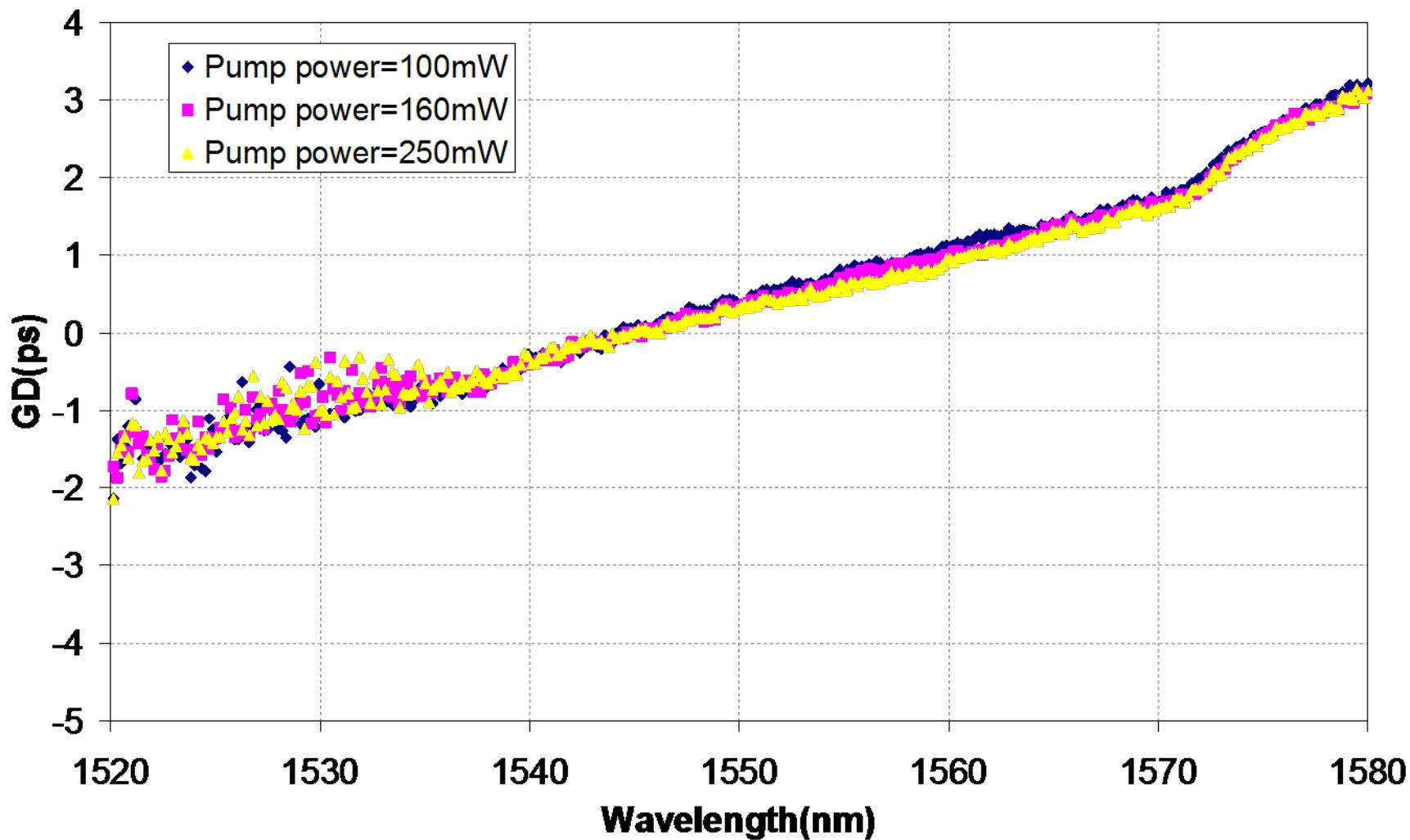
**October 9, 2008**

## Definitions

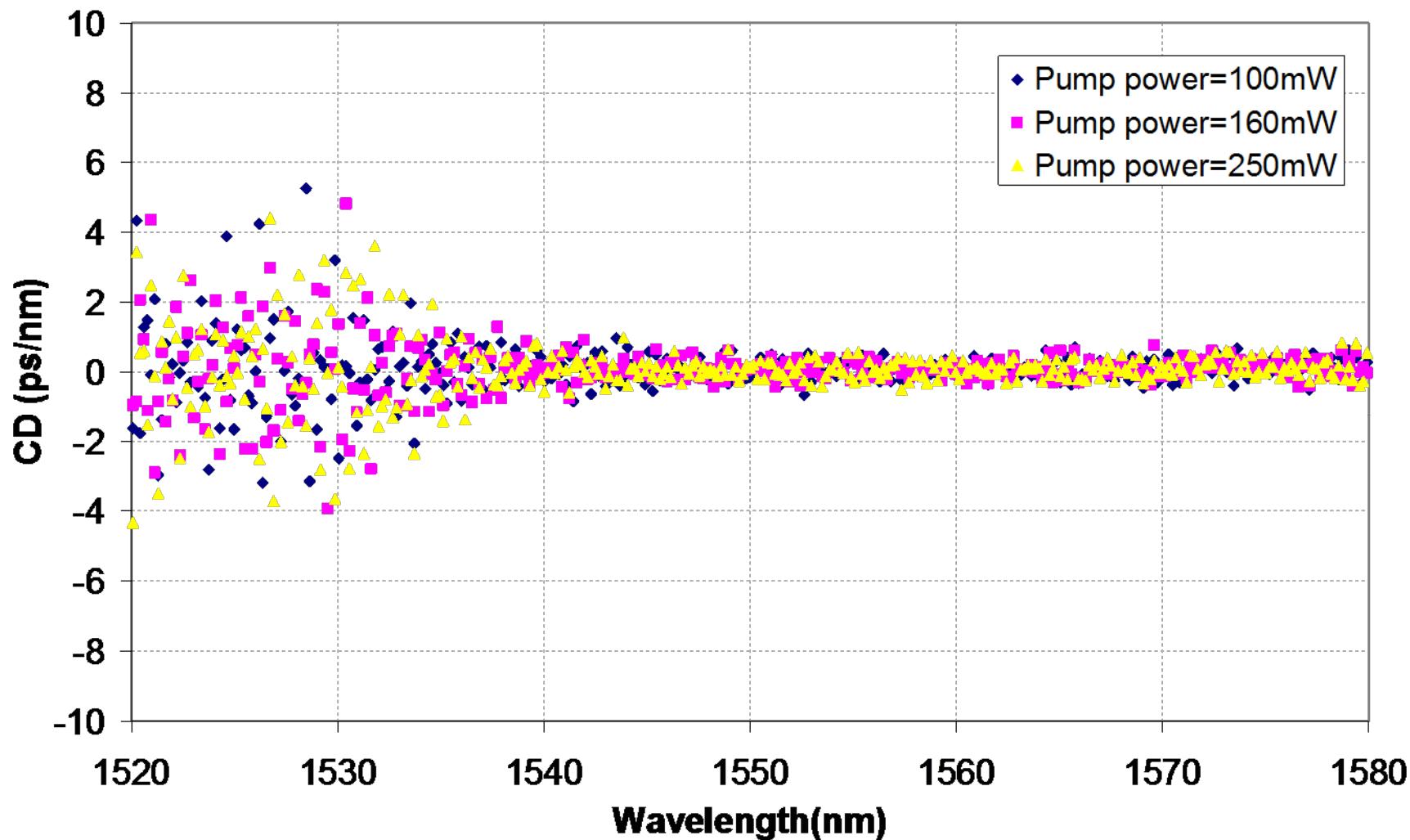
---

- **GD:** Group delay is the time required for information in a signal (that is, any specific point on the modulation waveform) to travel the length of the optical path.
- **CD:** The chromatic dispersion at a given wavelength is simply the local slope of the curve of group delay versus wavelength.
- **DGD:** Differential group delay (DGD) is defined as the maximum group delay variation **over all polarization states.**

# LIEKKI™ Er30-4/125 – Group Delay



# LIEKKI™ Er30-4/125 – Chromatic Dispersion



# LIEKKI™ Er30-4/125 – Differential Group Delay

