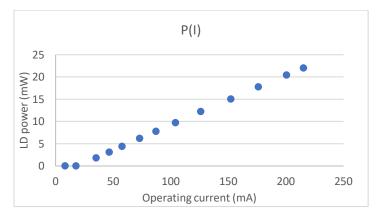
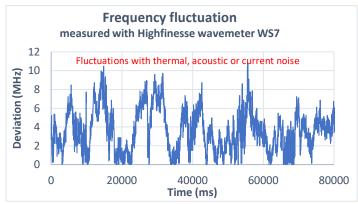
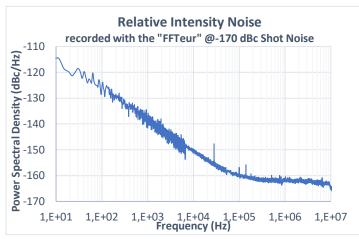


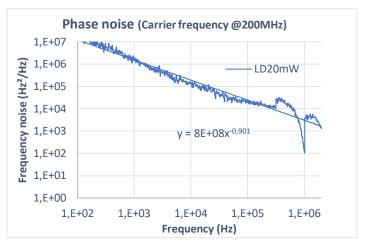
1550 nm laser diode

20 mW narrow-linewidth / DFB / Butterfly package









Recorded at 20 mW LD power with :

- Attenuation to 500 μW for frequency stability measurement
- Attenuation to 8 mW for RIN measurement

Self-Heterodyne Measurements with 12 km delay fiber

Important note: the linewidth measurements were obtained with our optimized experimental setup. It is probable that the linewidth we measured is still limited by the overall noise of our non-ideal setup. We estimate an even narrower real linewidth for this diode, most probably <10 kHz.

