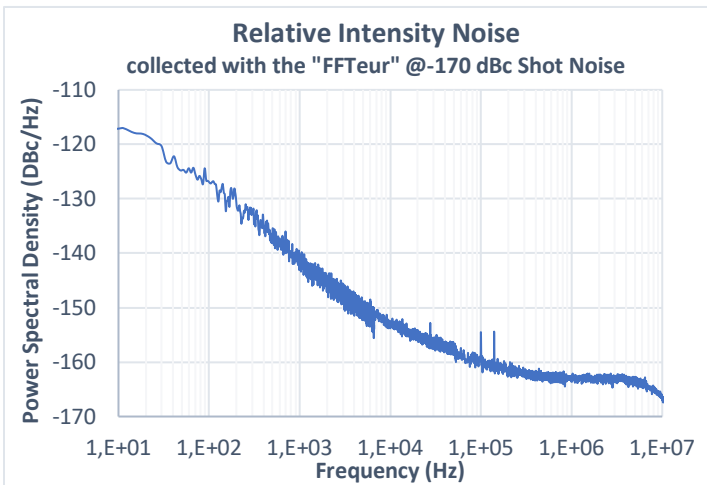
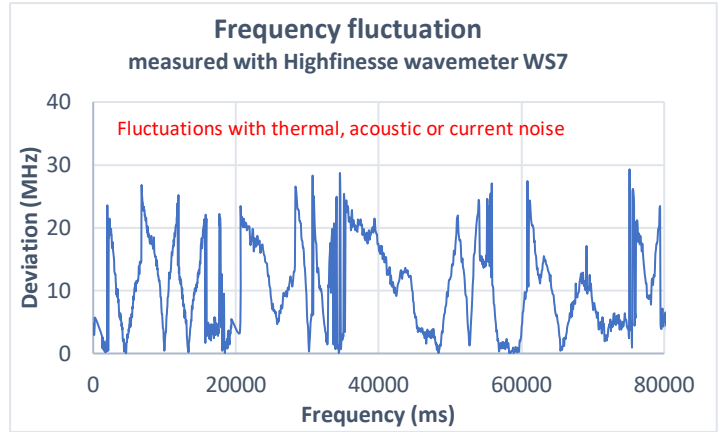
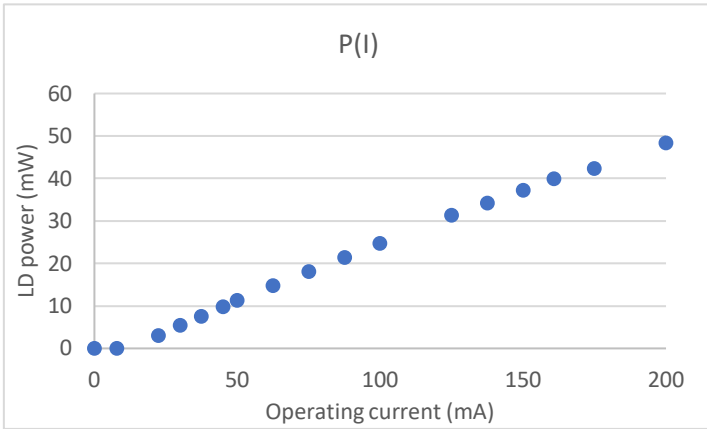


AeroDiODE

1550 nm laser diode

Model 2 : 40 mW / DFB / Butterfly package



Recorded at 40 mW LD power with :

- Attenuation to 500 μ W for frequency stability measurement
- Attenuation to 8 mW for RIN measurement

$$\text{Lorentzian Fit} = 10 * \log_{10} \left(\frac{10^4}{2 * \pi * \left(\left(\frac{\gamma}{4} \right) + \left(\frac{x - x_0}{\gamma} \right)^2 \right)} + 10^{\text{offset}} \right)$$

Self-Heterodyne Measurements with 6 km delay fiber

Lorentzian Fit

