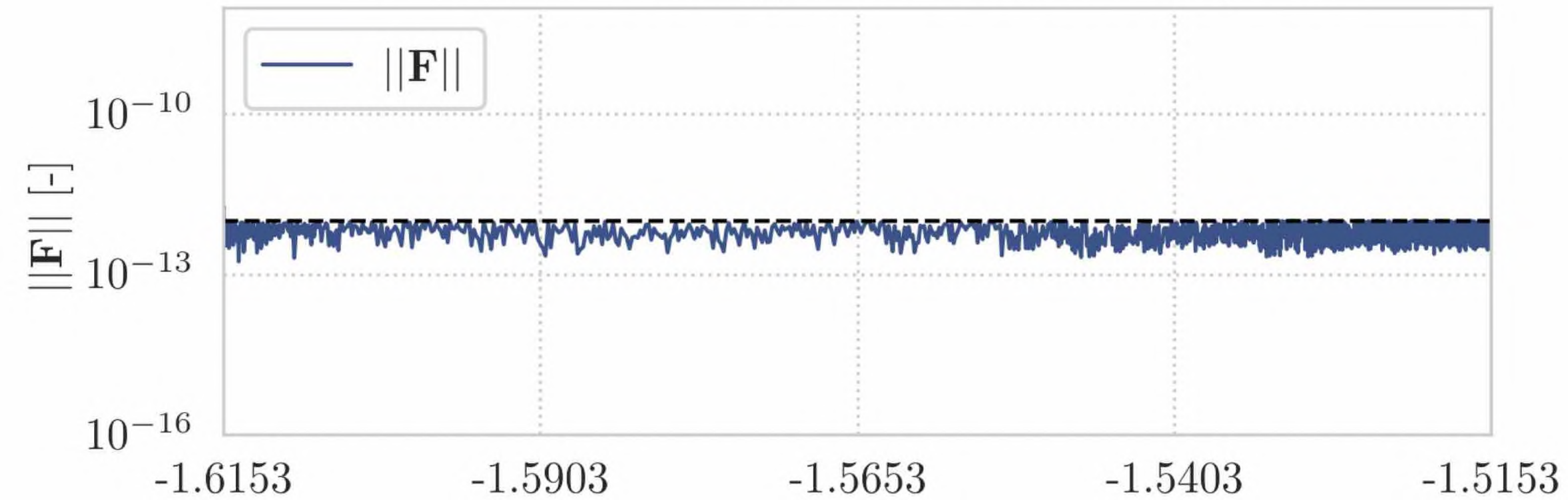# L_1 Horizontal Lyapunov ($a_{lt} = 0.05$, $\alpha = \frac{1}{3}\pi$ rad) - Periodicity constraints verification

Defect vector magnitude after convergence

$||\mathbf{F}||$

Position deviation at full period

$|x(T) - x(0)|$
$|y(T) - y(0)|$