

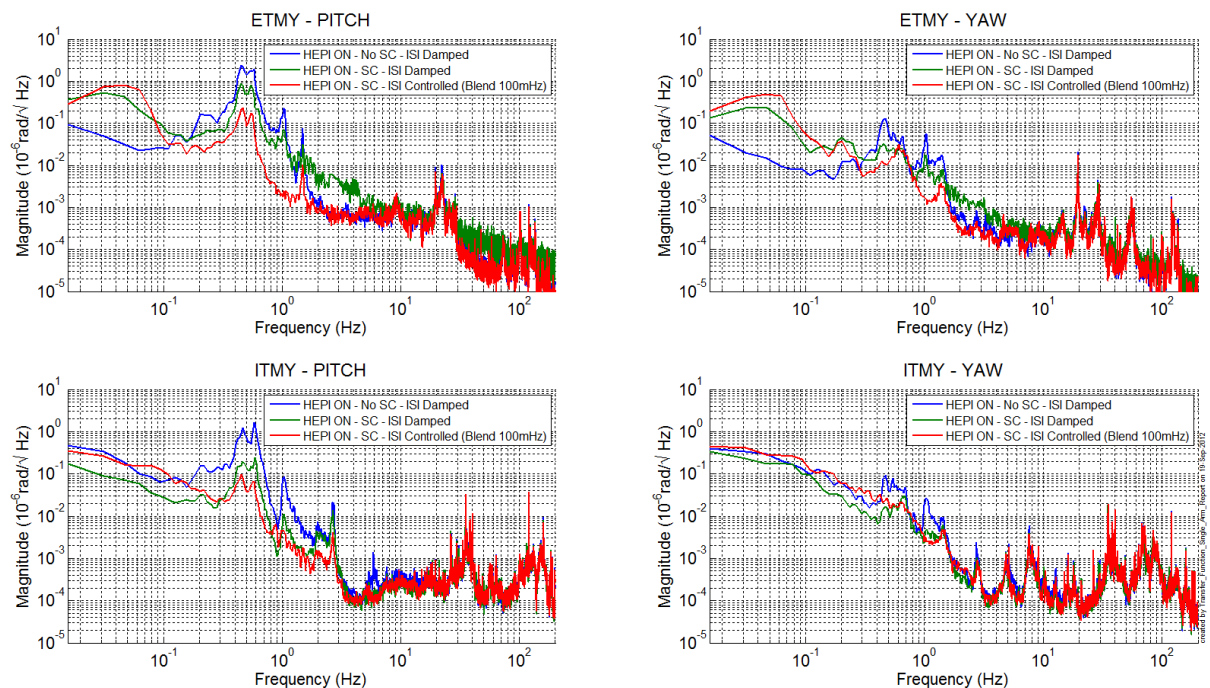


Figure 1 - ASD Optical levers

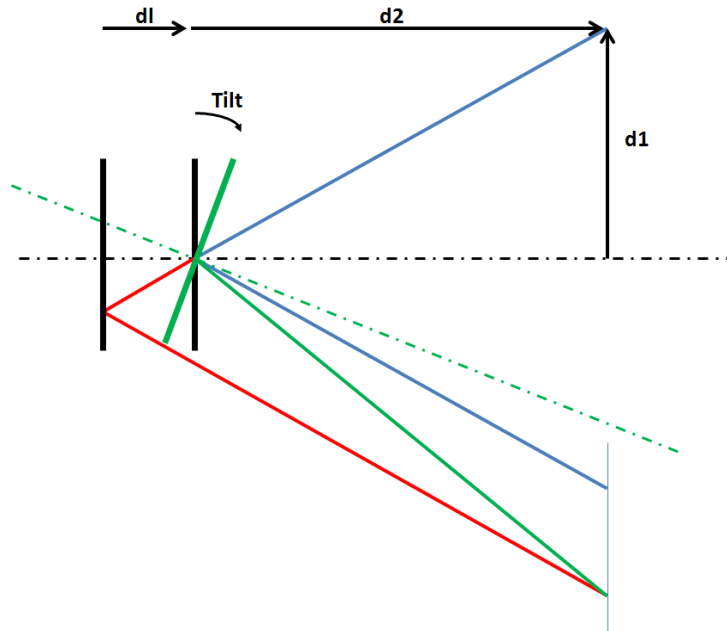


Figure 2 - Optical levers

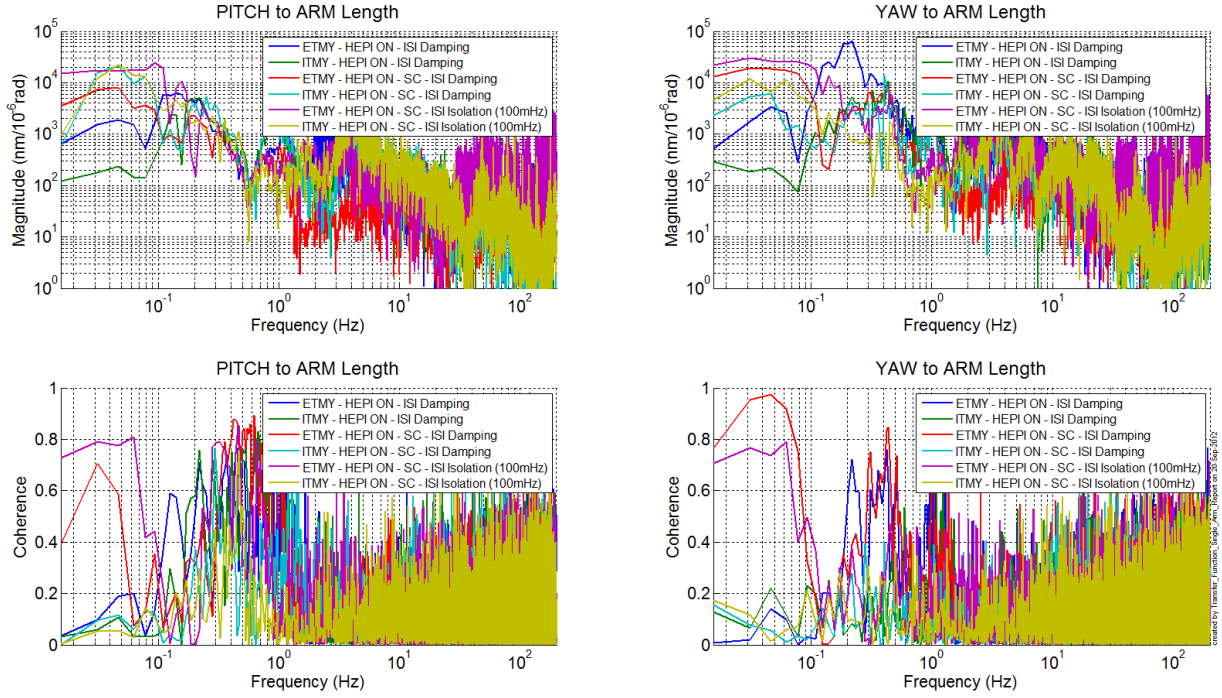


Figure 3 - Transfer function Tilt to length of the cavity

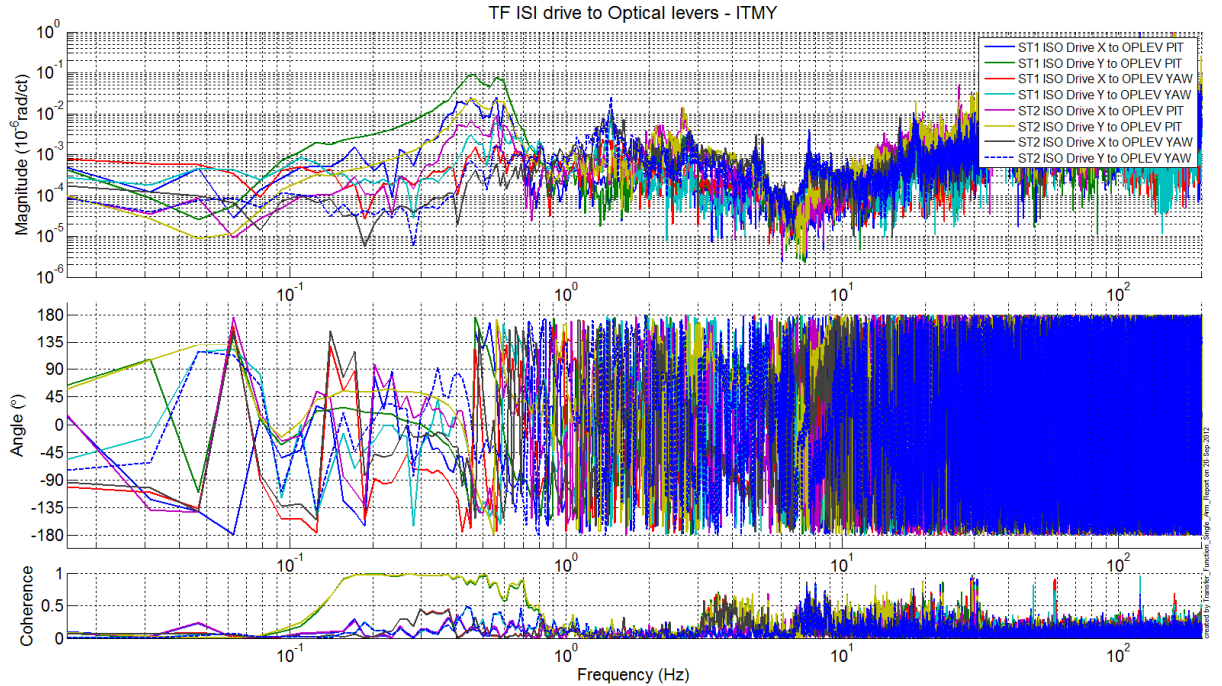


Figure 4 – Transfer functions from the Cartesian drives (X-Y) of the ISI to the optical levers – ITMY
Cavity Unlocked

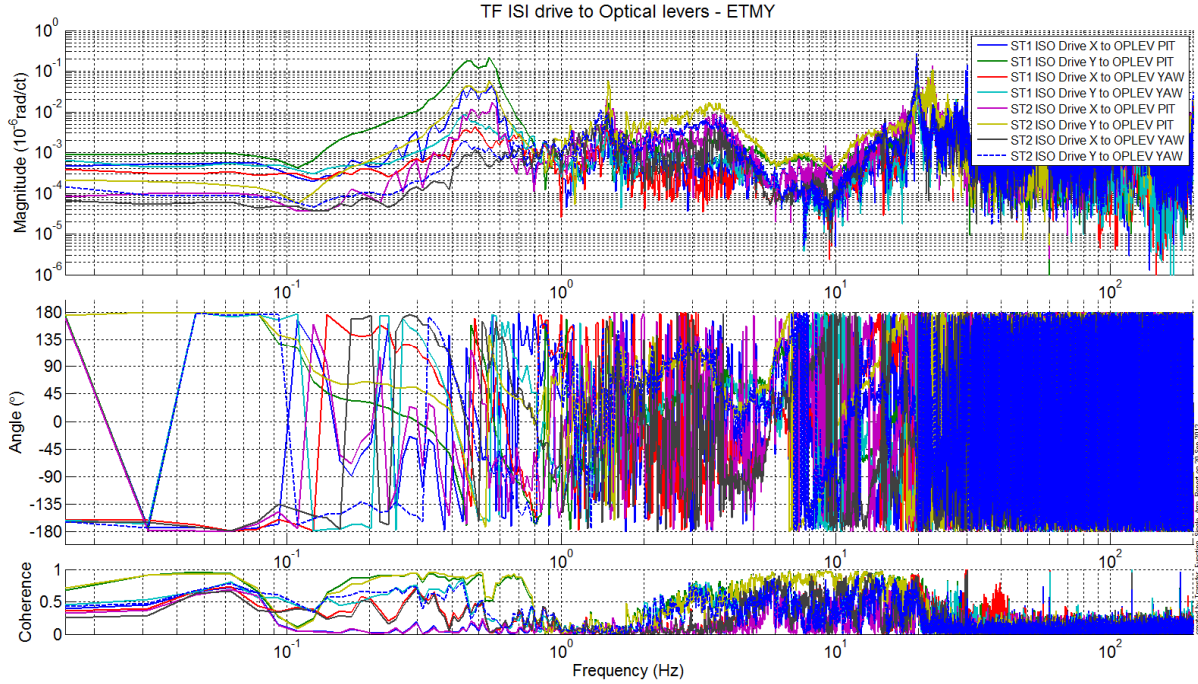


Figure 5 - Transfer functions from the Cartesian drives (X-Y) of the ISI to the optical levers – ETMY
Cavity Unlocked

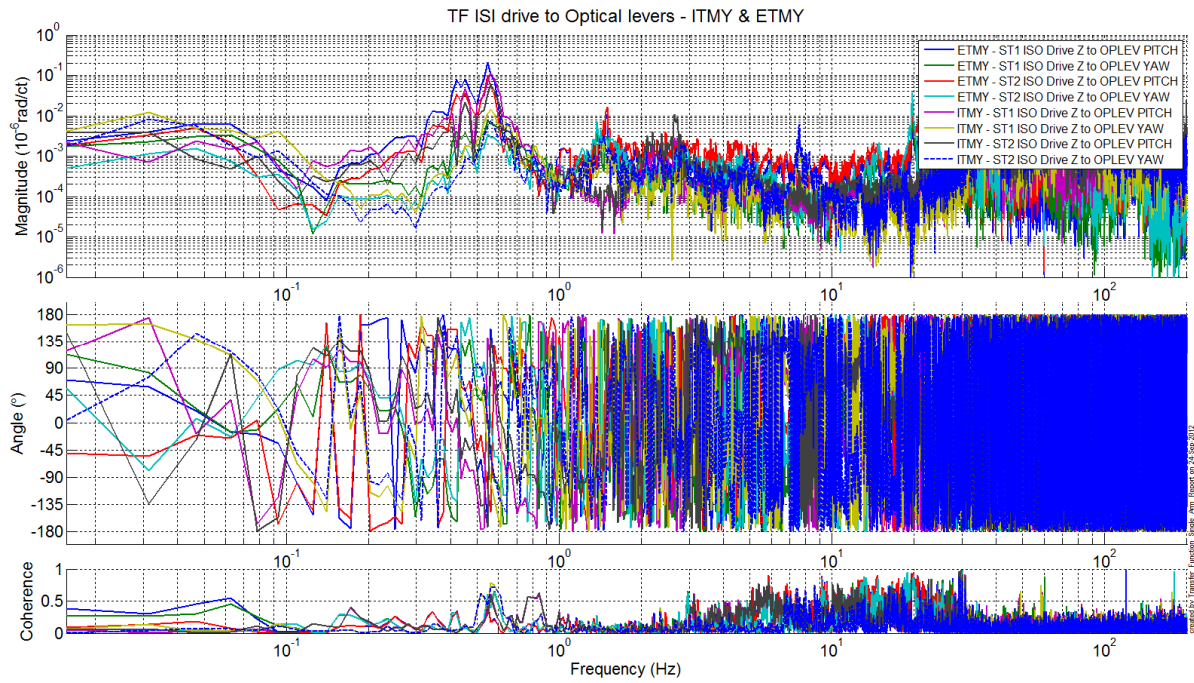


Figure 6 - Transfer functions from the Cartesian drives (Z) of the ISI to the optical levers