

Type*	Description	Input	Output in maximum
a	No misalignment occurs: interferometer in ideal condition	none	ME amplitude: 1.00 PE: 0.000 rad.
b	Decentering of entrance field stop defining FOV: causes a linear increase in misalignment along OPD	0.33 (mrad) field stop error	ME amplitude: 0.86 PE: −0.056 rad.
c	Decentering of path measuring laser: causes a linear increase in phase error along OPD	0.33 (mrad) laser error	ME amplitude: 1.00 PE: −0.152rad.
d	Constant shear: causes a constant shear offset of fixed retro-reflector	0.03 (cm)	ME amplitude: 1.00 PE: −0.056 rad.
e	Decreasing linear shear: causes a linear decrease in misalignment along OPD	$0.03 - 0.00017 \times \text{OPD}$ (cm)	ME amplitude: 1.16 PE: −0.007 rad.
f	Increasing linear shear: causes a linear increase in misalignment along OPD	$0.00017 \times \text{OPD}$ (cm)	ME amplitude: 0.86 PE: −0.056 rad.
g	Cosine bending of scanner bar: causes a cosine decrease in misalignment along OPD	$0.03 \times \cos(\pi \times \text{OPD}/360)$ (cm)	ME amplitude: 1.16 PE: −0.013 rad.
h	Sine bending of scanner bar: causes a sine increase in misalignment along OPD	$0.03 \times \sin(\pi \times \text{OPD}/360)$ (cm)	ME amplitude: 0.86 PE: −0.056 rad.
i	Cosine and sine bending of scanner bar: causes a chord increase in misalignment before half-maximum OPD and causes a chord decrease in misalignment after half-maximum OPD	$0.073 \times (\sin(\pi \times \text{OPD}/360) + \cos(\pi \times \text{OPD}/360)) - 0.073$ (cm)	ME amplitude: 0.86 PE: −0.029 rad.
j	Constant shear plus cosine and sine bending of scanner bar: causes a chordal decrease in misalignment before half-maximum OPD and causes a chordal increase in misalignment after half-maximum OPD	$-0.073 \times (\sin(\pi \times \text{OPD}/360) + \cos(\pi \times \text{OPD}/360)) + 0.103$ (cm)	ME amplitude: 1.16 PE: −0.056 rad.