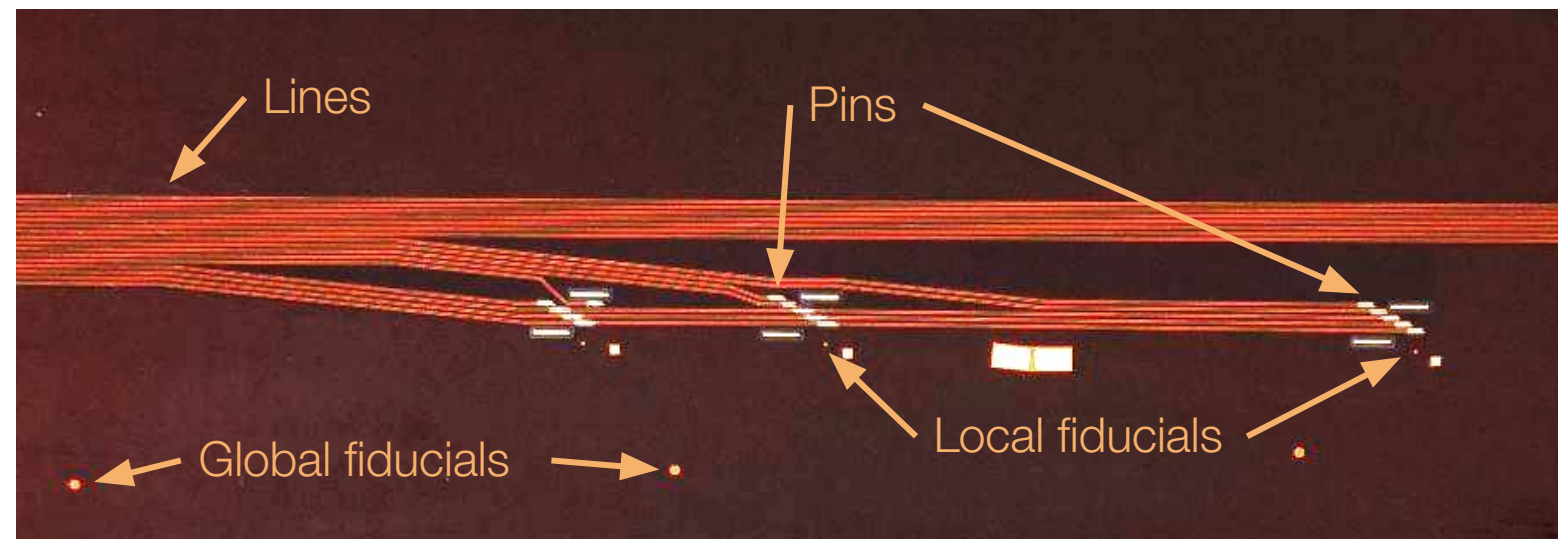
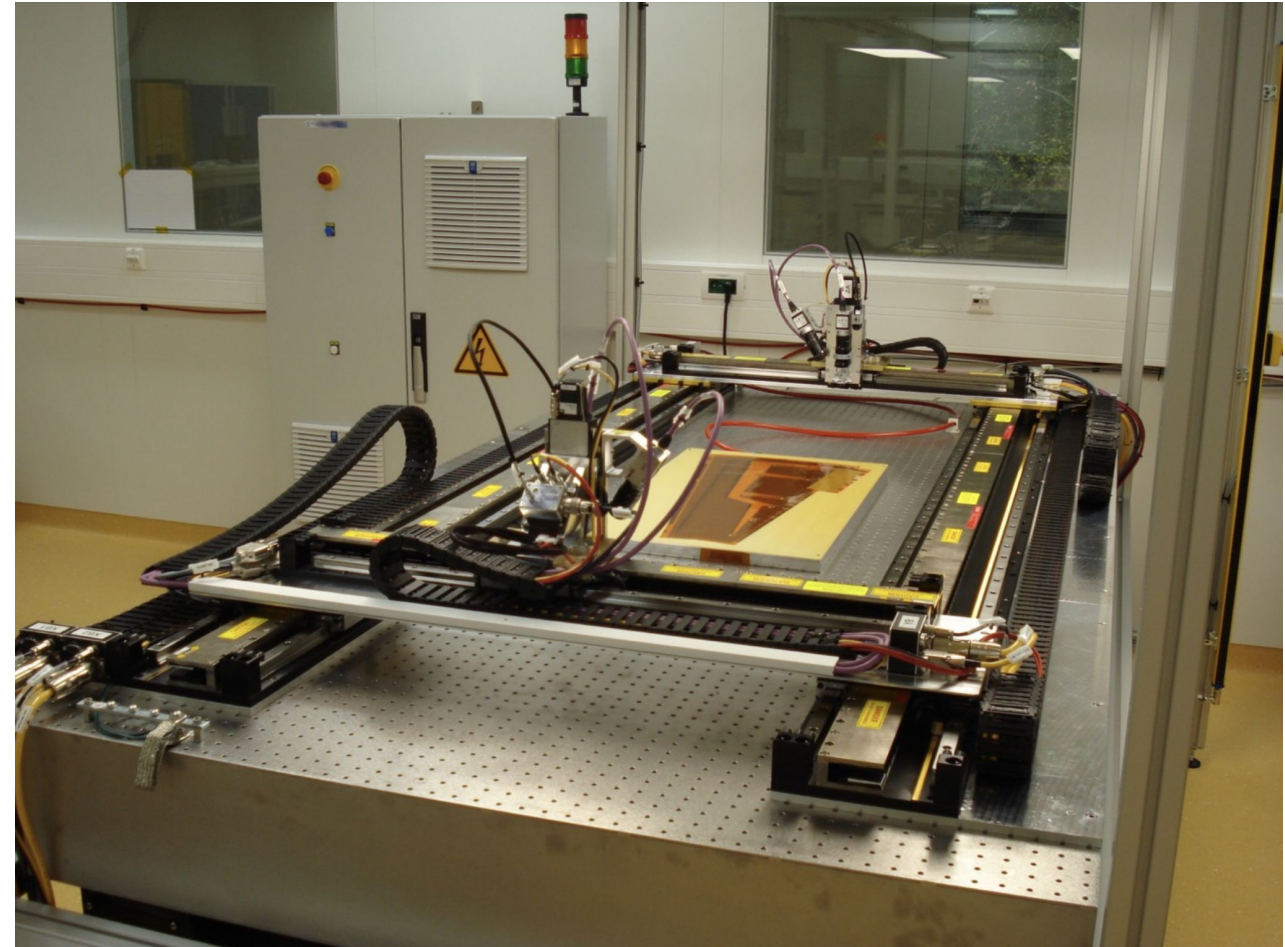


OVERVIEW

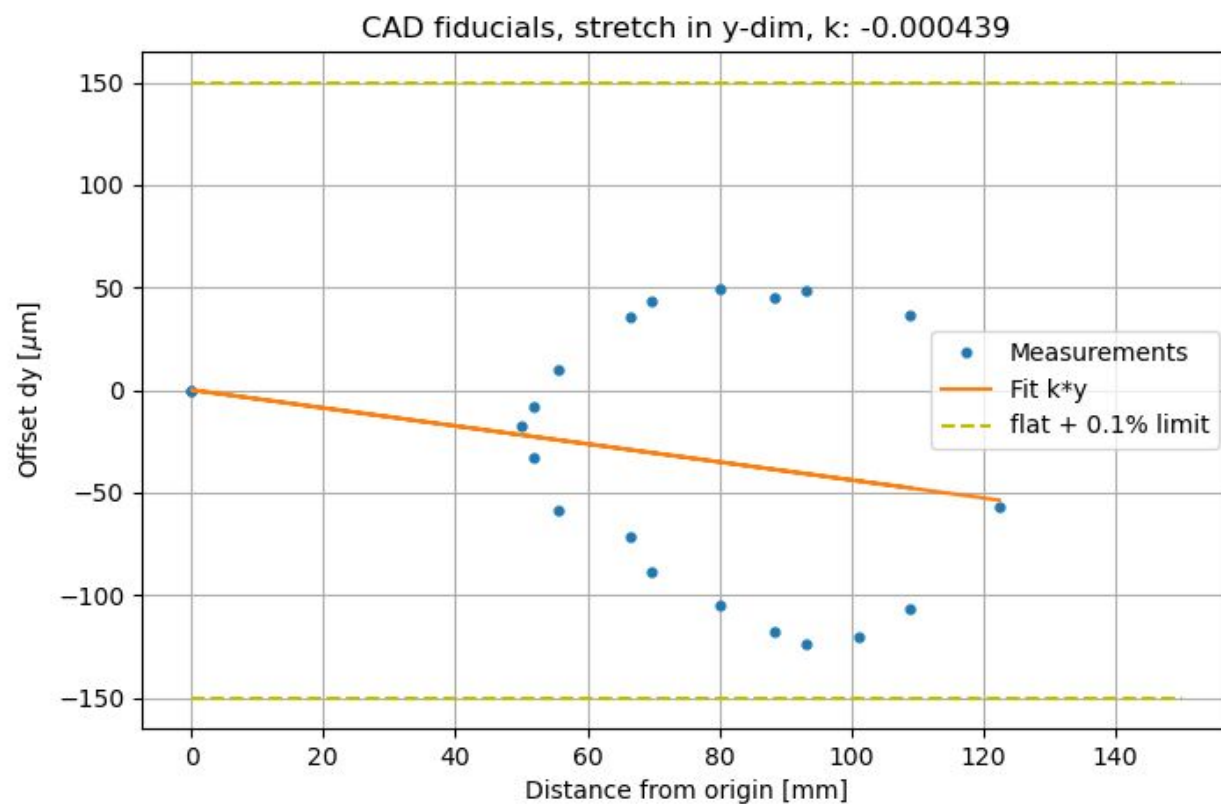
- The bus tape contain lines (data and power) that connect the modules to the EoS card
- Testing of bus tape
 - **Stretch test**
 - Resistance (broken lines and short circuits)
 - Leakage current
- Tests done several times
 - Bare tape
 - **After co-curing**
 - On core



FIRST COMPARISON

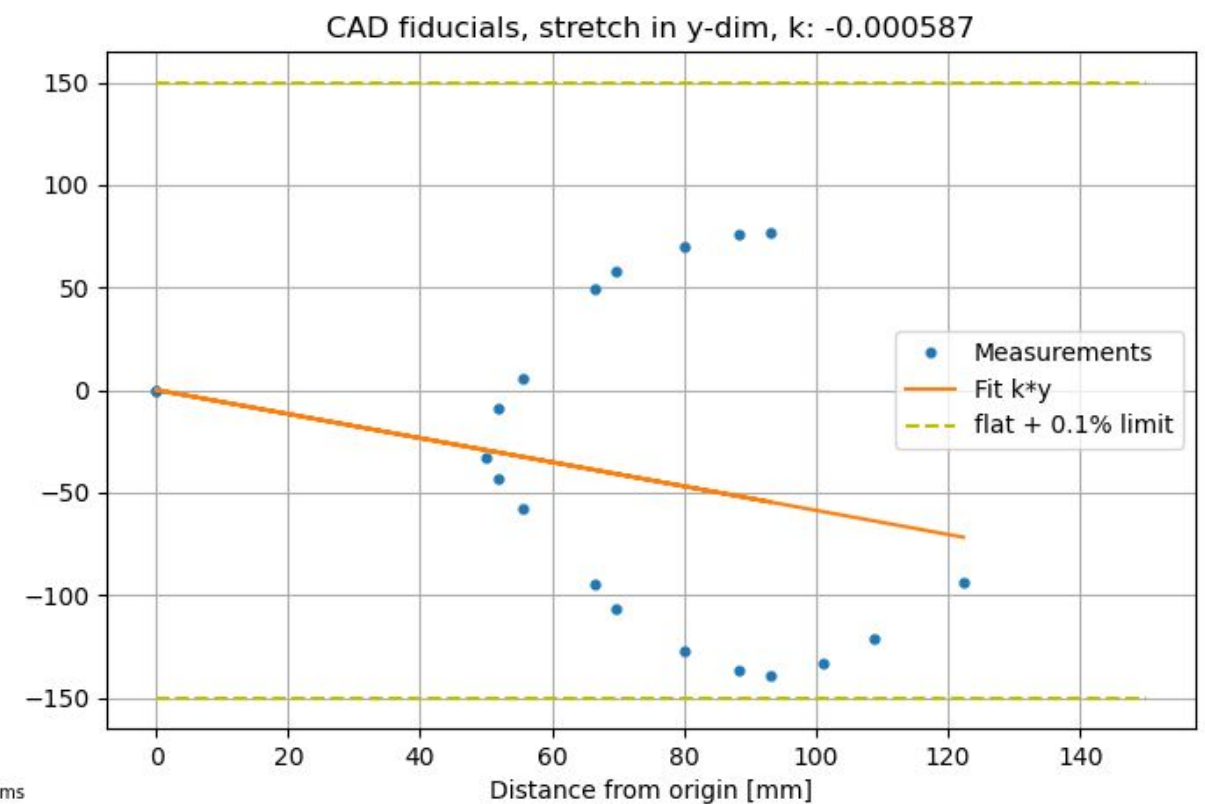
Offset in y (USEBT1000010, co-cured)

DESY bus tape robot



S/N: ohms

SmartScope

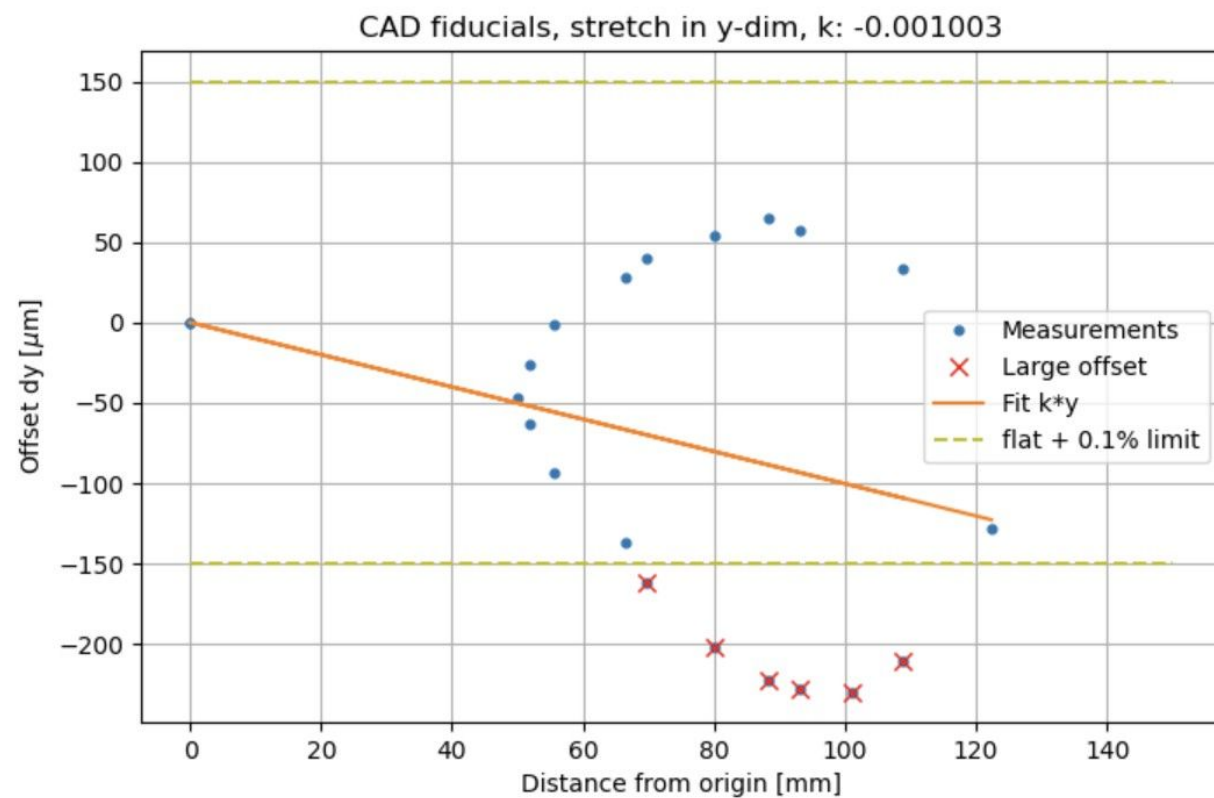


S/N: ohms

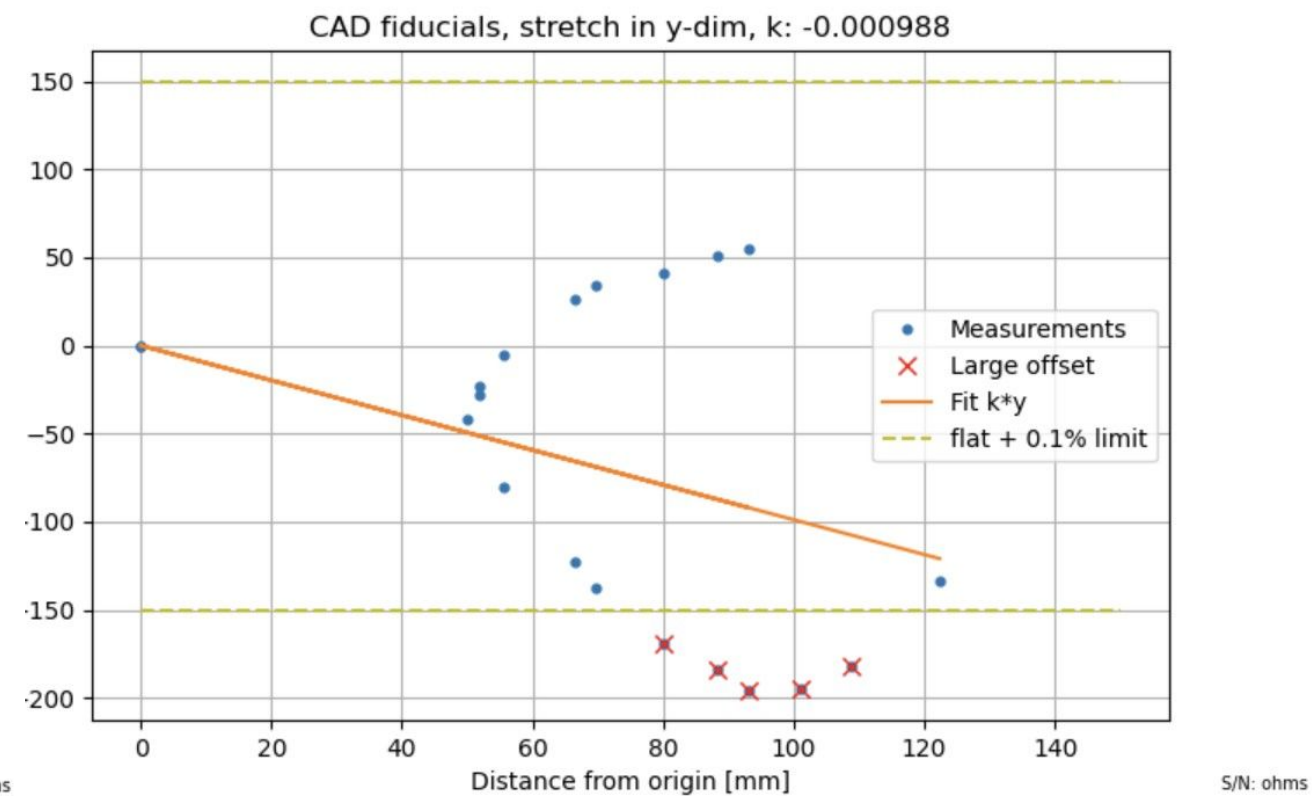
NEW COMPARISON

Offset in y (USEBT1000017, co-cured)

DESY bus tape robot



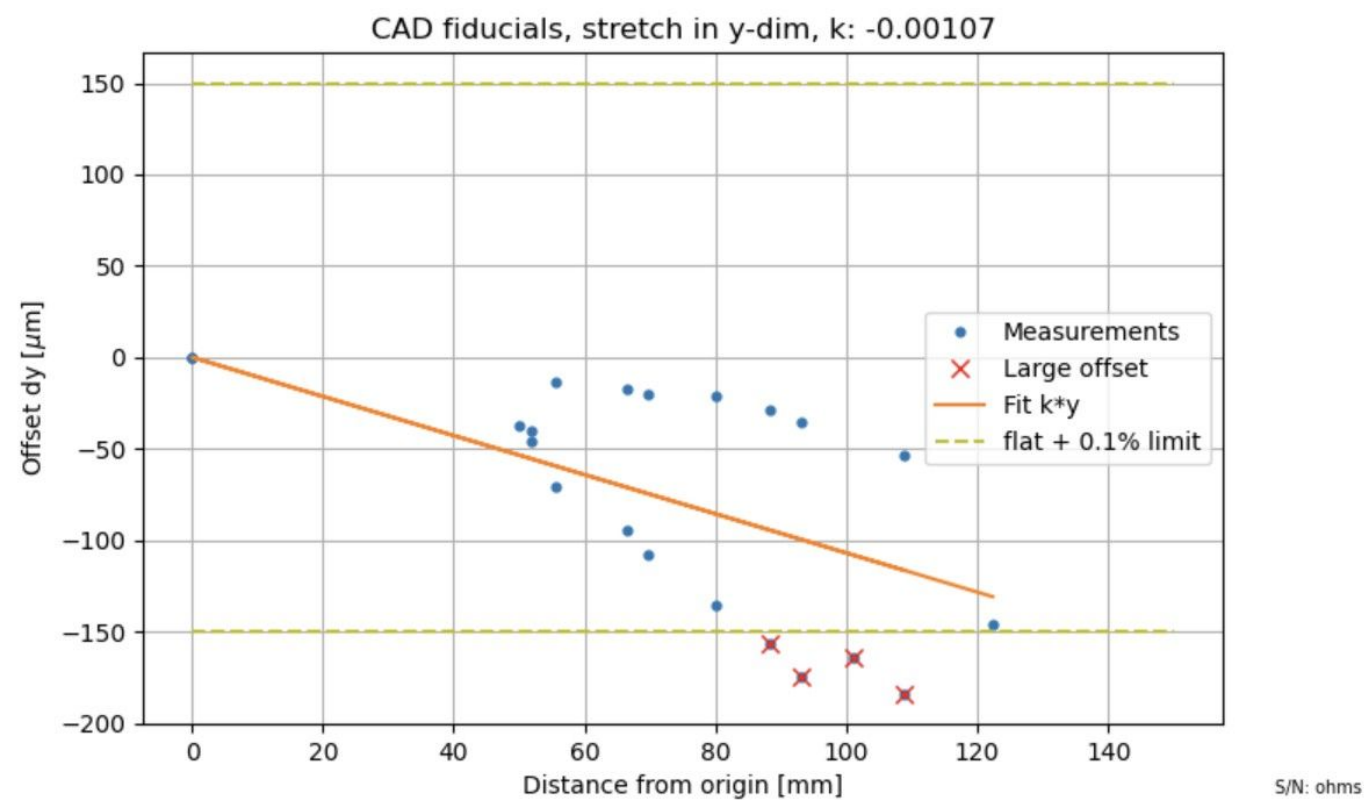
SmartScope



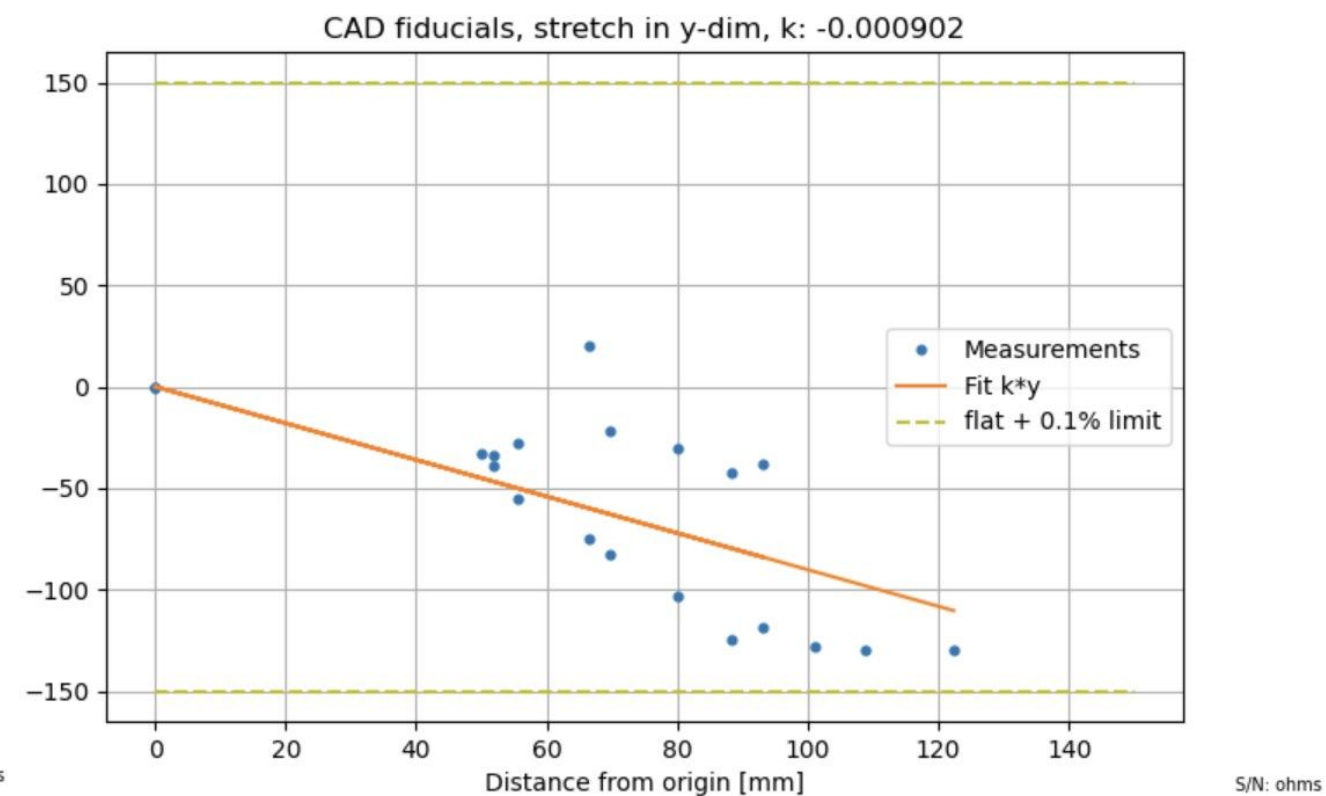
NEW COMPARISON

Offset in y (USEBT1000024, co-cured)

DESY bus tape robot

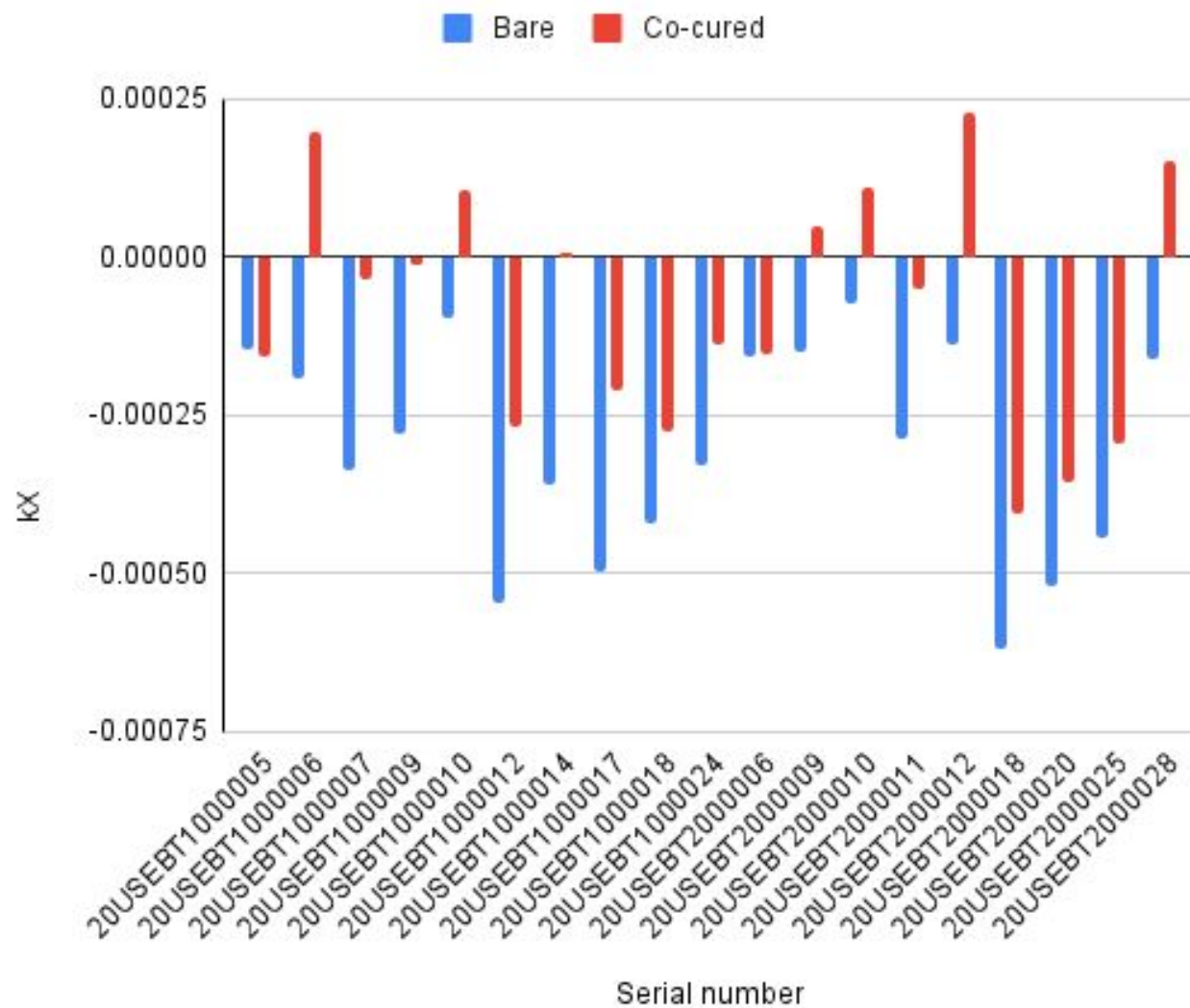


SmartScope

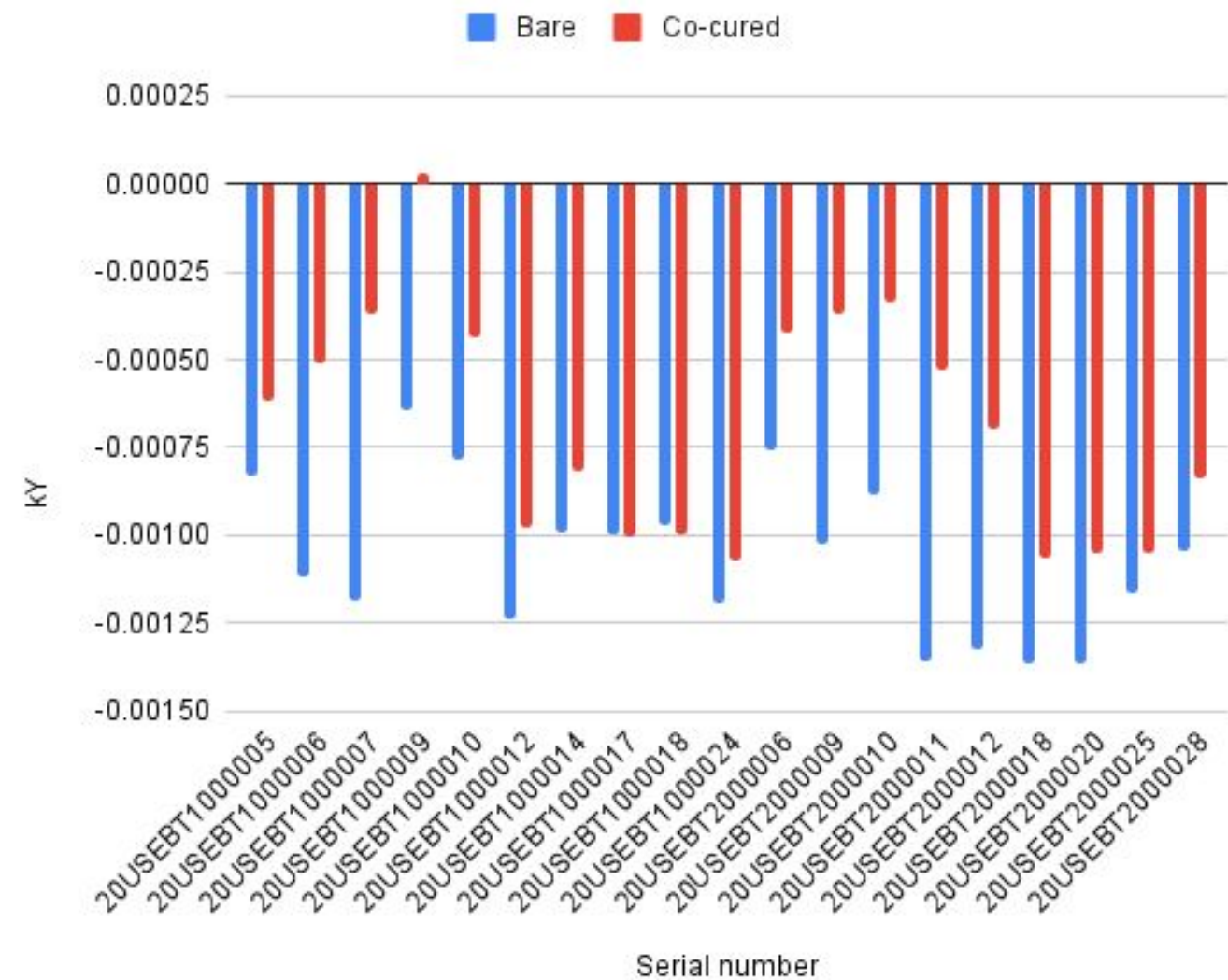


STRETCH BEFORE/AFTER CO-CURING

Stretch in x

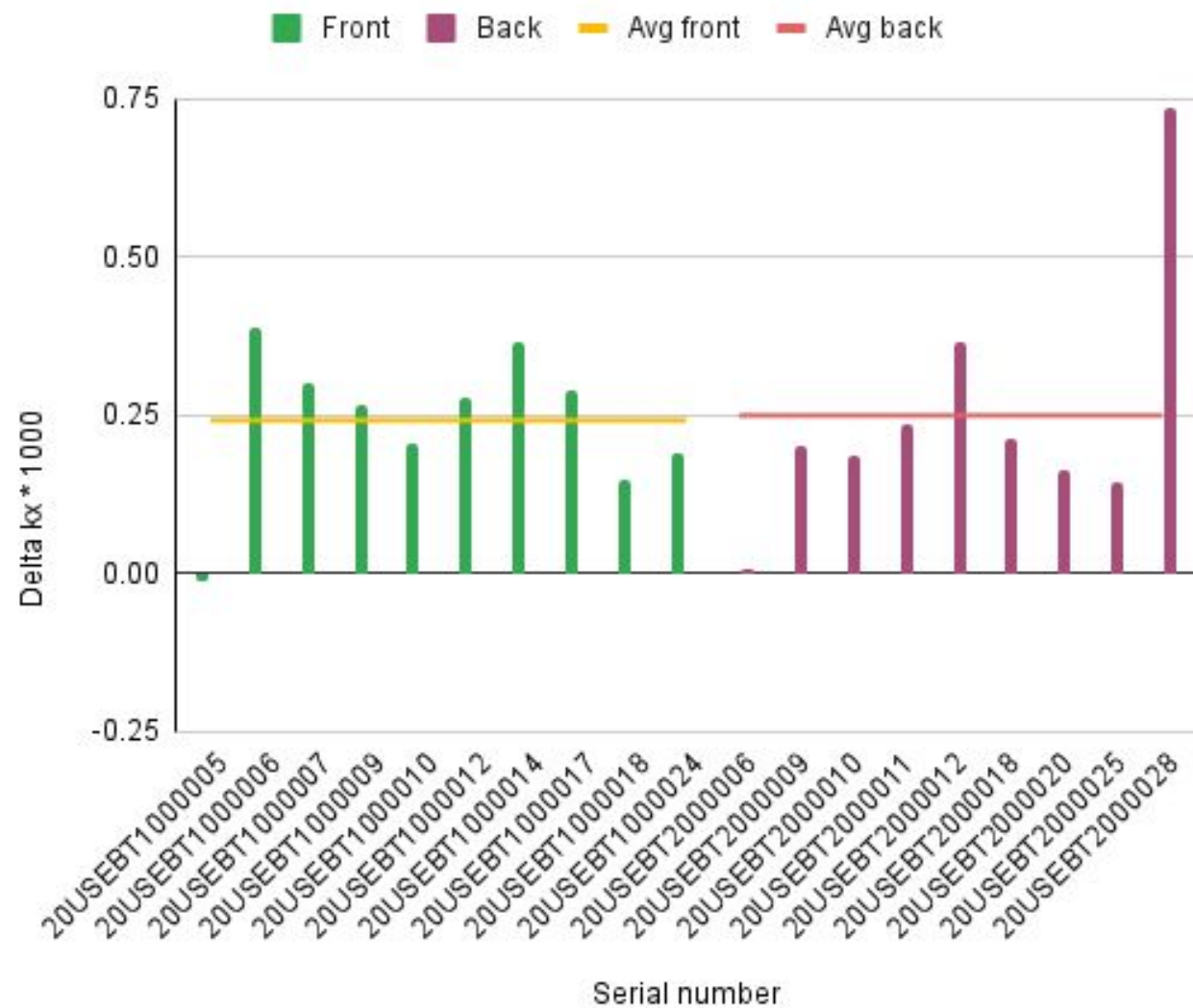


Stretch in y



STRETCH BEFORE/AFTER CO-CURING

Difference in stretch in x



Difference in stretch in y

