## Response to the editor comments:

Editor comments are in Italic fonts.

The comment "Line 185 - please explain..." by Reviewer-1 has not been addressed yet. Please consider it and give some response.

The errors are those of equations 6 and 7. For arbitrary set values of  $\delta x$ ,  $\delta y$ ,  $\delta z$  and  $\delta F$ , the errors include the actual measurement errors and those linked to possible erroneous values for  $\delta x$ ,  $\delta y$ ,  $\delta z$  and  $\delta F$ . After fitting the data, in principle only measurement errors remain. We used the term "observation errors" that we have changed to "measurement errors" in the revised manuscript.