Subject: Re: CALIFA-SiTracker-GLAD geometry conflict
Posted by Hector Alvarez Pol on Thu, 09 Mar 2017 18:25:12 GMT
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Hi Ana,

last time I was testing the CALIFA position, it was correctly located with respect to the nominal target position.
If this is true, the magnet is misplaced by around half a meter in this geometry file.

For a fast check to determine if CALIFA is correctly centered, you could find where the origin is in your plot or simply visualize a reaction vertex...
the CALIFA barrel should be located as it is in the attached picture (side view).
A displacement of half a meter as it is shown in your pic would mean that the vertex could be located outside the Barrel.

Regards,

File Attachments
1) 1211.jpg, downloaded 966 times

Barrel
Reference

CEPA origin

EndCap
Reference

Axis barrel
conicity intersection

34

20

272

441

1130