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Subject: Re: GLAD magnetic field

Posted by [Anna Corsi](#) on Mon, 12 Sep 2016 22:27:30 GMT

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Hello,

I have a further question related to this topic. In the field map I got with R3BRoot code, the field goes up to ~2T (in y). I saw in some plans that the field can reach up to 2.5-3 tesla in the central region of GLAD. If we apply the 0.68 factor, the field value will be much below this value. Is my understanding correct? Will it be possible to operate GLAD at higher B, in physics experiment?

A further question is about the field map coordinates. A translation `gTrans = new TVector3(0.0, 0.0, -113.4)` is applied in `R3BGladFieldMap.cxx`. Does it mean that the map is shifted by 113.4 cm? With respect to what?

Thanks in advance.

Best regards,

Anna

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