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Subject: Re: geometry check

Posted by [Aleksandra Biegun](#) on Tue, 22 May 2007 11:20:09 GMT

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Hi Stefano,

thanks for the answer.

So,

from your 2nd picture (after shift module 1 and module 2 about 37mm) I understand that now we do not have overlaps in theta' (theta' - is theta angle for crystal) angle at 90 degrees and we have some "space" around 87 degrees, which I can guess we should not have, correct?

I have done the same 2 pictures like last time, but with the 37 mm shift of module 1 and 2. Pictures looks very similar (holes are shifted in theta). But, I have also done picture with  $\theta' = \phi$  for Points, and there is only hole between barrel and backward endcap which I am going to remove by shifting backward endcap to the target. But the structure is a little bit strange. I run 1000 event for range of theta 5-175 degree and full range of phi angle and I expected to have some homogeneous ditribution of points, but I see that only some of detectors give signals, but maybe it is ok, maybe for only 1000 events it is possible. What do you think?

Ciao,  
Ola.

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### File Attachments

1) [emc\\_points\\_th\\_phi\\_mod12\\_shifted37mm.ps](#), downloaded 554 times

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