Status of the Magnetic Field Maps

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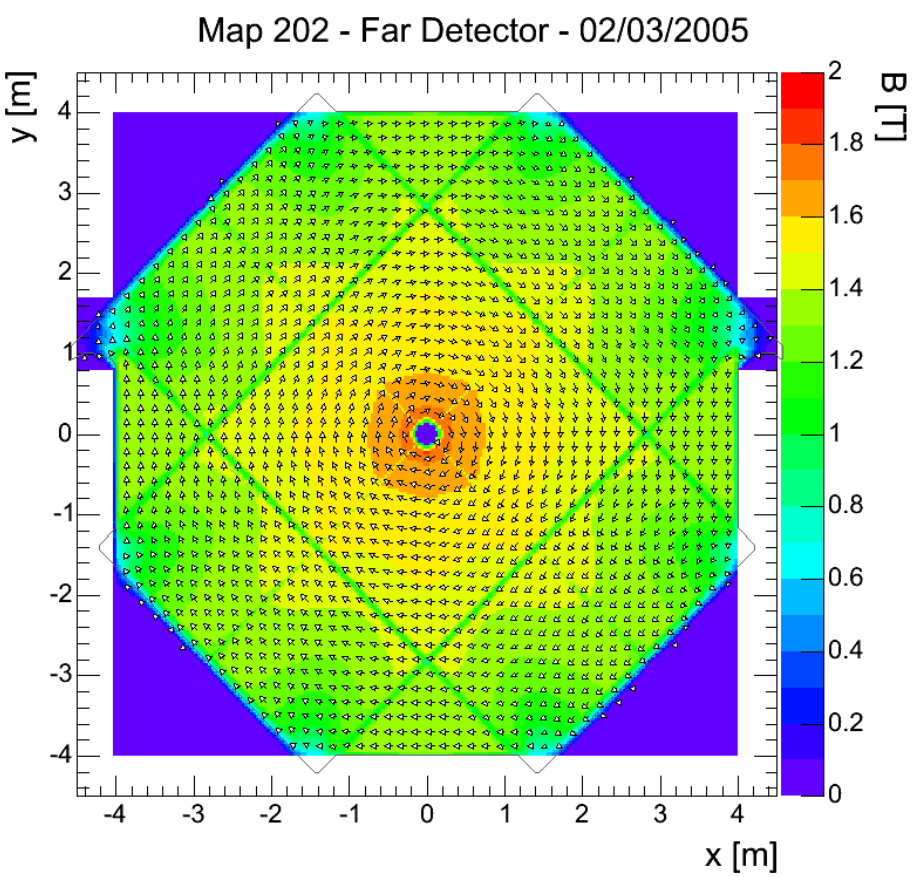
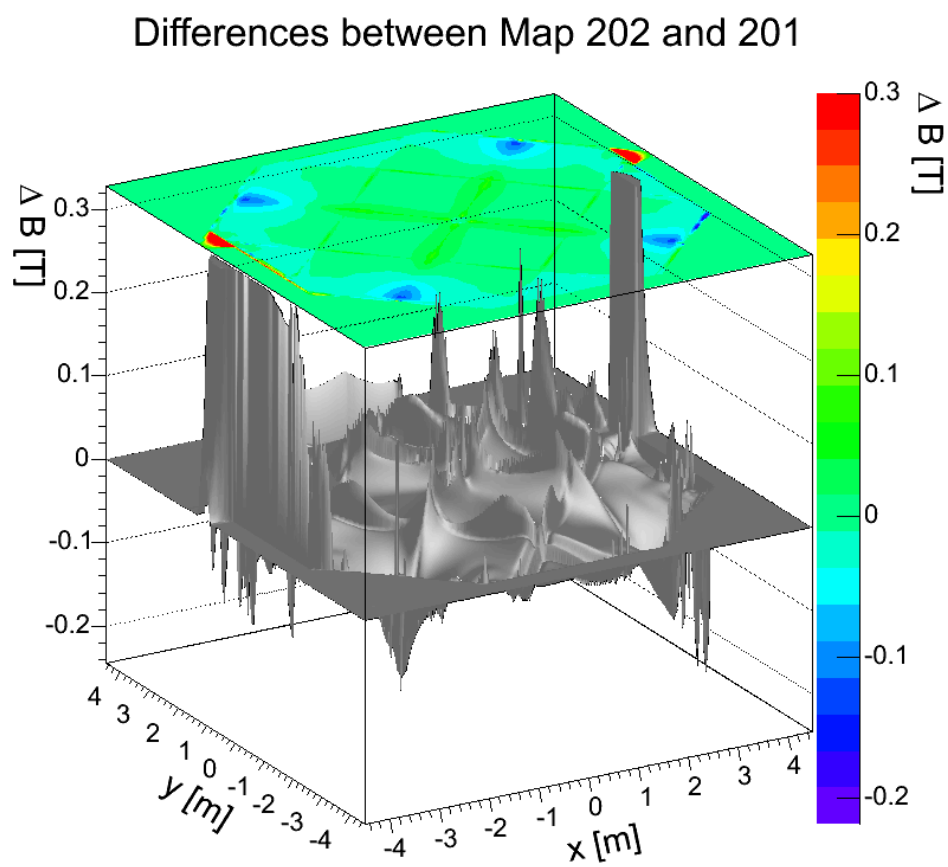
BField Map 202

- FEA simulation produced by Bob Wands.
- Variable slot width: from 6mm at 4m to 0.25 mm near the center of the plane accordingly to $6/64*r^3$
- Air gap has a width of 0.5mm
- Include a map of the ears.





Next BField Maps

Possible Map 203:

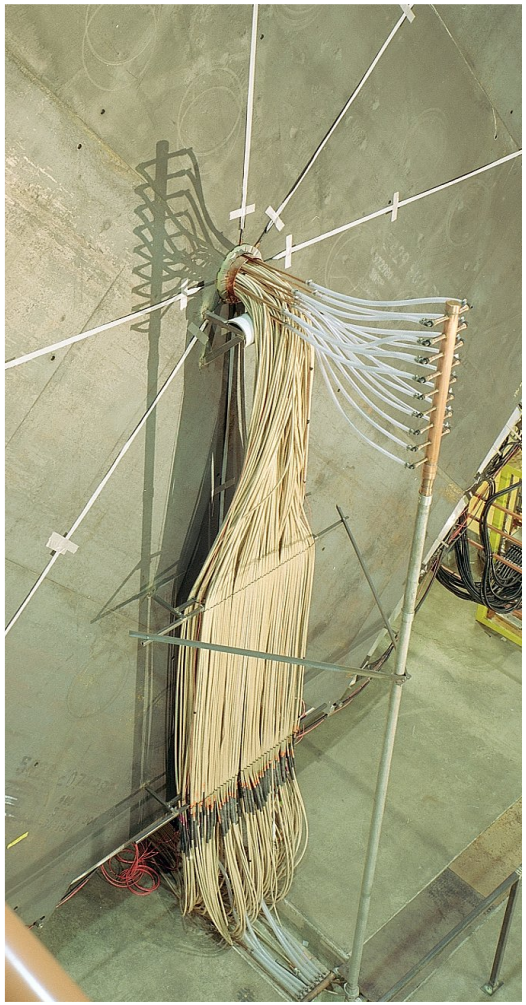
- Same features as map 202.
- Update current to 15.2 k A-turns.
- Extend mapping to +/- 4.6m in x and +/- 4.2 in y.

End effects Maps:

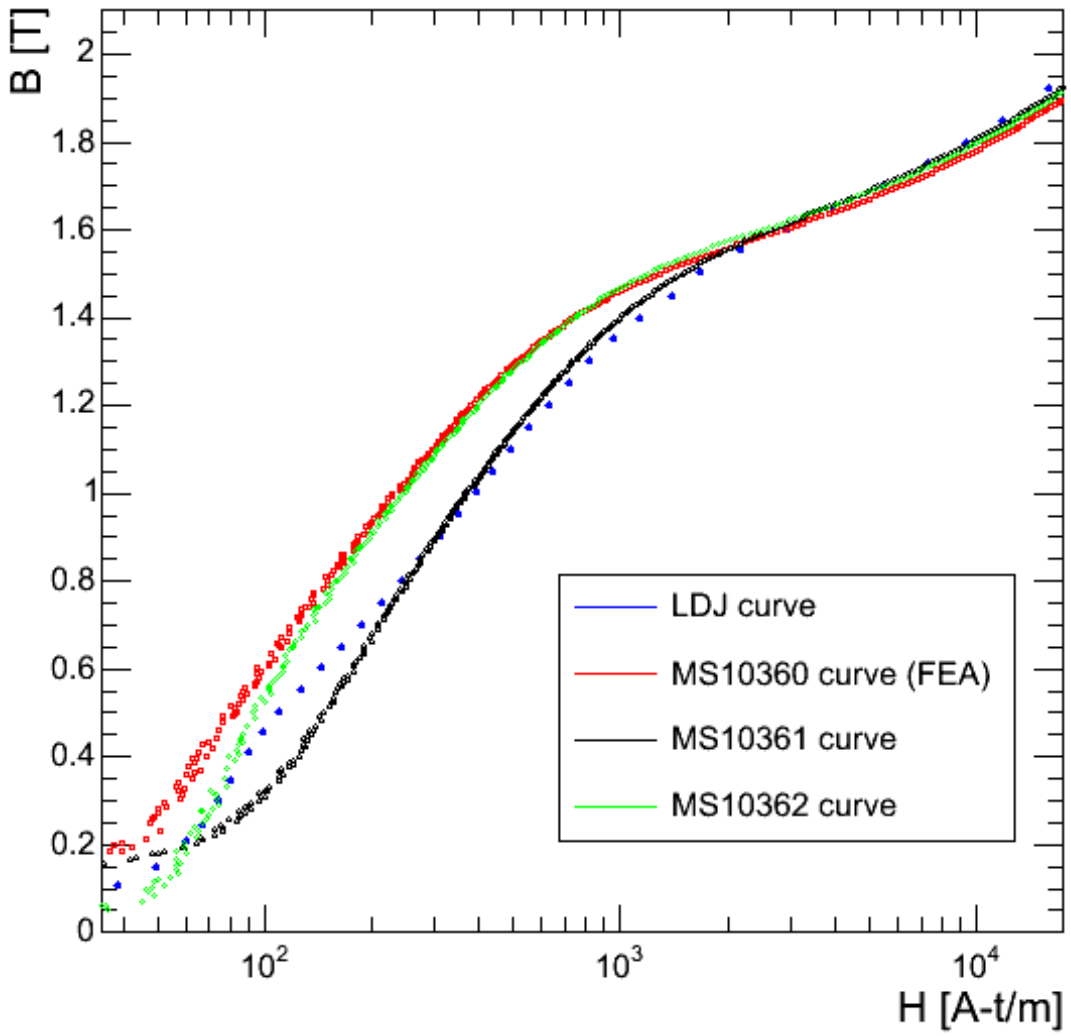
- Include features of map 203.
- Twelve planes model -> 24 bins in z-axis.
- Will be available next week!

Possible Map 159 (near detector):

- Use the same BH curve of the far detector.



Next BField Maps

Maps with different BH Curves:

- Use the same single plane model but different BH curve.
- Last maps use the curve called MS10360.
- Will be available next week.