

Tests on the PRM

Circulating fields dependance to the RoC and vertical tilt of the PRM

Antoine Amy

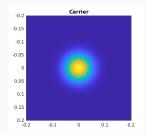
30 mars 2023

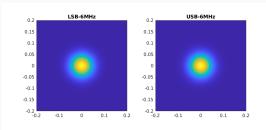
Laboratoire d'Annecy-le-Vieux de Physique des Particules

Circulating fields with the OSCAR

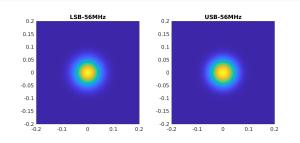
package

Circulating fields for PRM_RoC=1430m (reference) and no Tilt

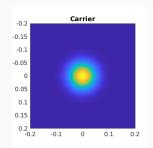


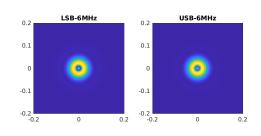


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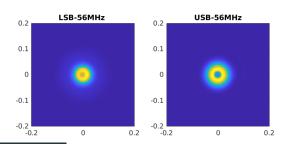


Circulating fields for PRM_RoC=1410m and Tilt=10nrad

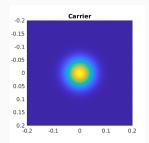


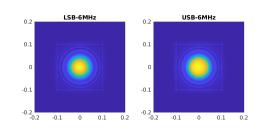


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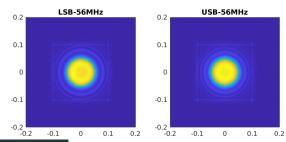


Circulating fields for PRM_RoC=1450m and Tilt=10nrad

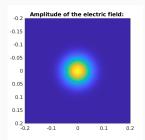


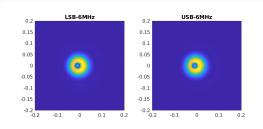


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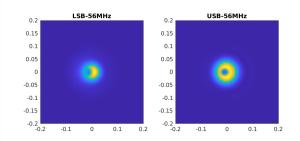


Circulating fields for PRM_RoC=1410m and Tilt=100nrad

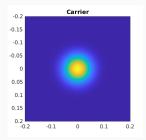


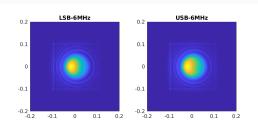


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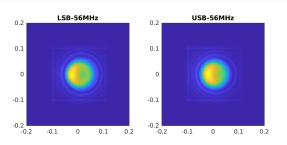


Circulating fields for PRM_RoC=1450m and Tilt=100nrad



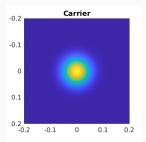


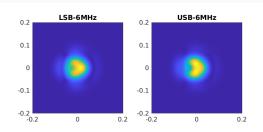
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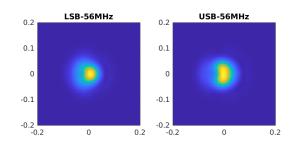
PRM RoC between 1425m and 1435m with 100nrad tilt

Circulating fields for PRM_RoC=1425m and Tilt=100nrad

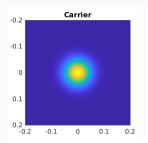


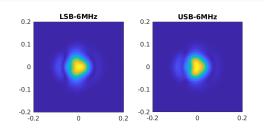


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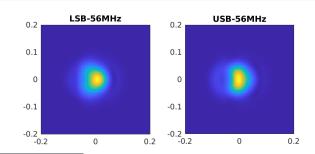


Circulating fields for PRM_RoC=1427m and Tilt=100nrad

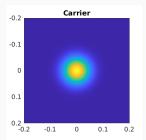


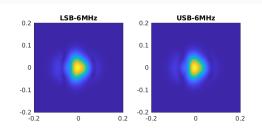


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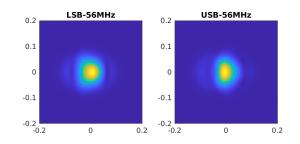


Circulating fields for PRM_RoC=1429m and Tilt=100nrad

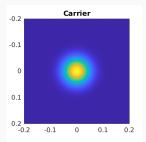


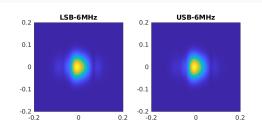


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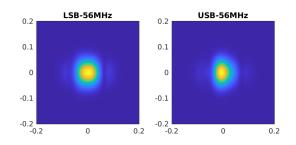


Circulating fields for PRM_RoC=1431m and Tilt=100nrad

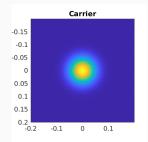


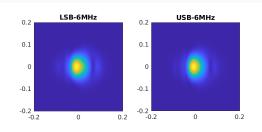


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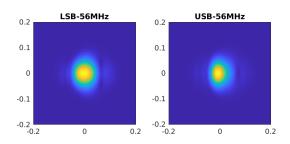


Circulating fields for PRM_RoC=1433m and Tilt=100nrad

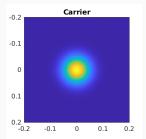


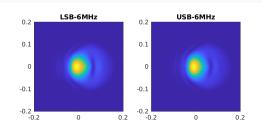


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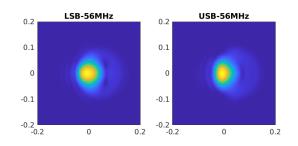


Circulating fields for PRM_RoC=1435m and Tilt=100nrad



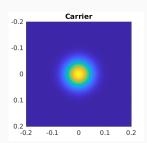


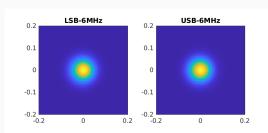
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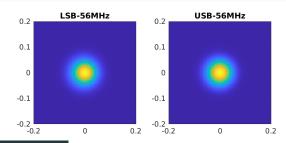


With optimal RoC

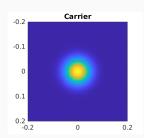
Circulating fields for PRM_RoC=1430m (reference) and Tilt=10nrad

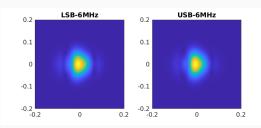




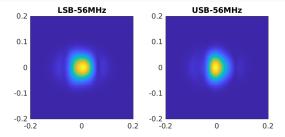


Circulating fields for PRM_RoC=1430m (reference) and Tilt=100nrad





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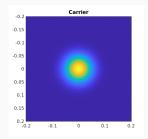


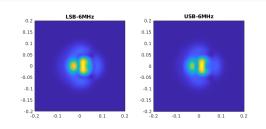
100nrad tilt

Reflected fields for a PRM RoC

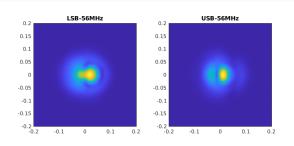
between 1425m and 1435m with

Reflected fields for PRM_RoC=1425m and Tilt=100nrad

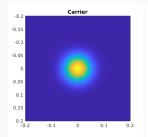


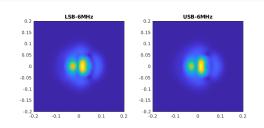


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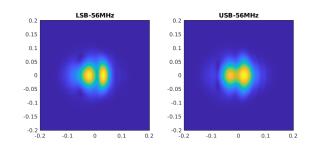


Reflected fields for PRM_RoC=1427m and Tilt=100nrad

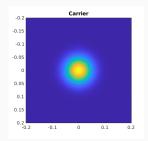


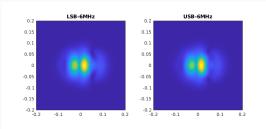


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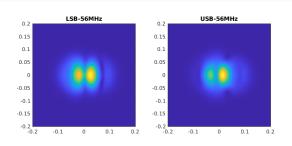


Reflected fields for PRM_RoC=1429m and Tilt=100nrad

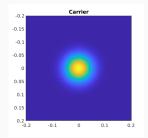


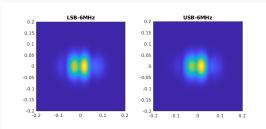


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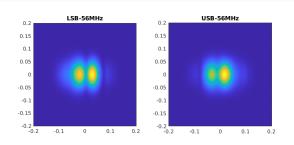


Reflected fields for PRM_RoC=1431m and Tilt=100nrad

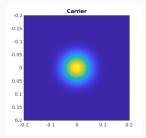


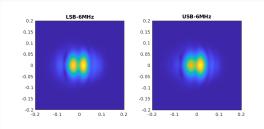


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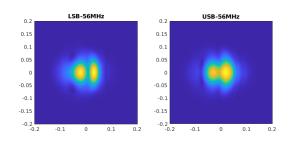


Reflected fields for PRM_RoC=1433m and Tilt=100nrad

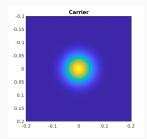


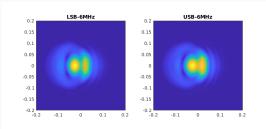


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Reflected fields for PRM_RoC=1435m and Tilt=100nrad





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