

# The electron-ion side asymmetry on striated heat flux induced by lower hybrid wave absorption in the SOL on the EAST

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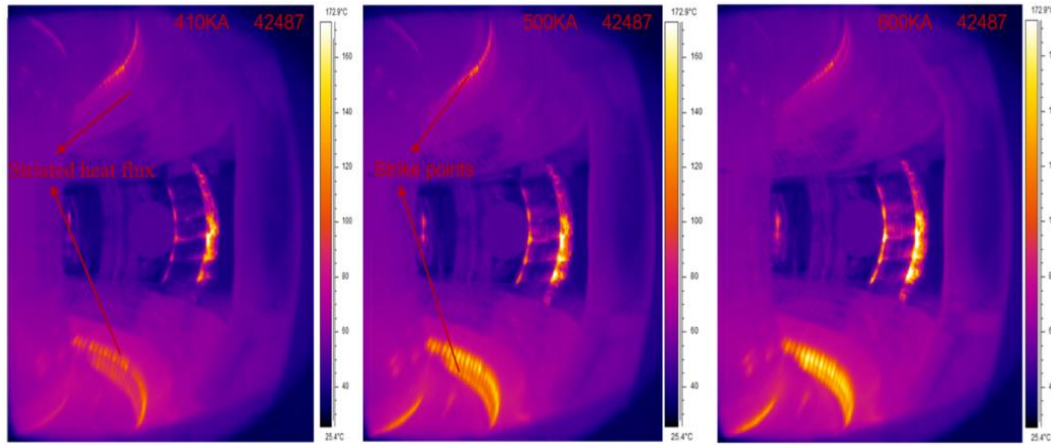
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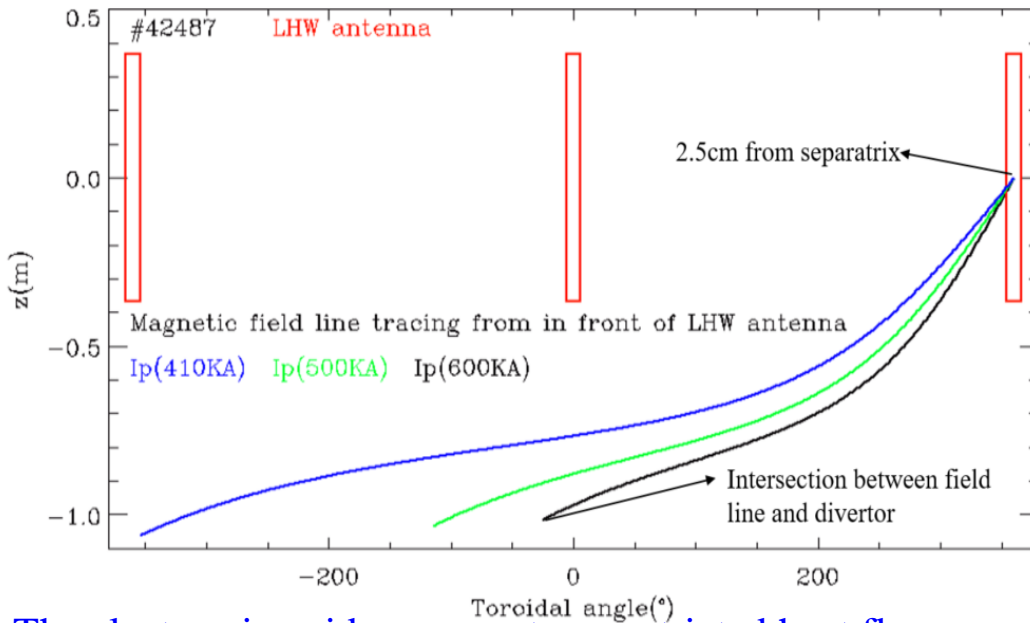
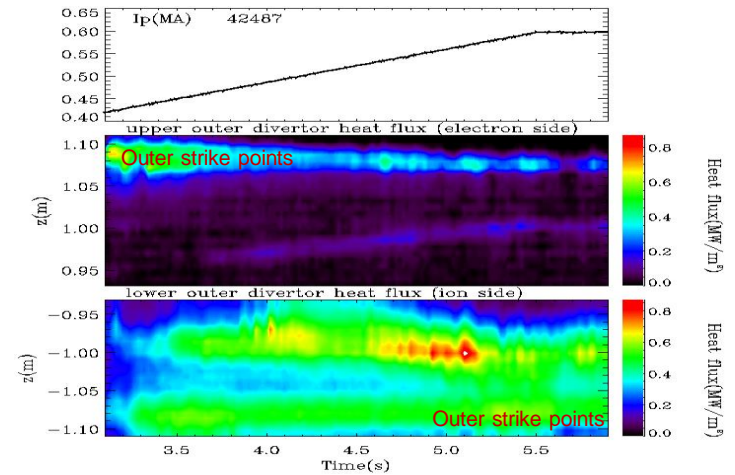
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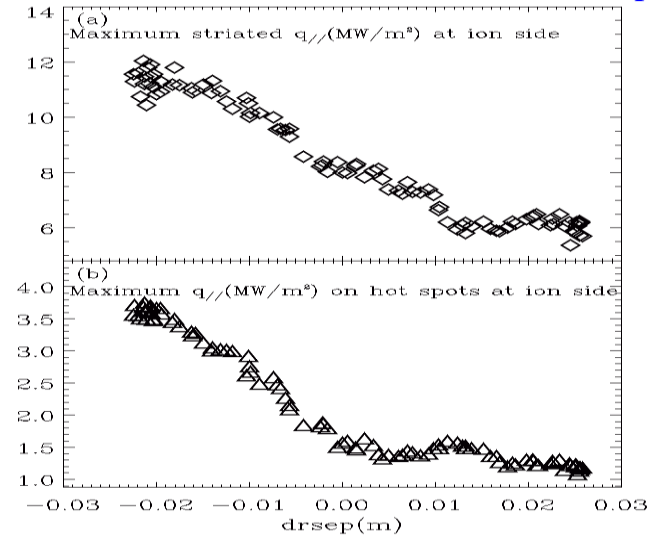
# The electron-ion side asymmetry on striated heat flux was observed and changed with the divertor geometry



Magnetic field line tracing from the front of LHW antenna



The deposited power for the striated heat flux at the ion side in the IR field of view is ~6% of LHW net power.



The electron-ion side asymmetry on striated heat flux was found during plasma current ramp up.

The electron-ion side asymmetry on striated heat flux changes with the divertor geometry.