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The carbon flux density profile on the vacuum vessel and the divertor plates in the Large Helical Device (LHD) calculated by the three-dimensional plasma-surface interaction simulation code (ERO2.0). The simulations in low and high plasma densities are presented in figures (a) and (b), respectively. The outlined figures give the carbon flux density profile on a Directional Material Probe (DMP) installed on the equatorial plane in the inboard side of the torus.

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