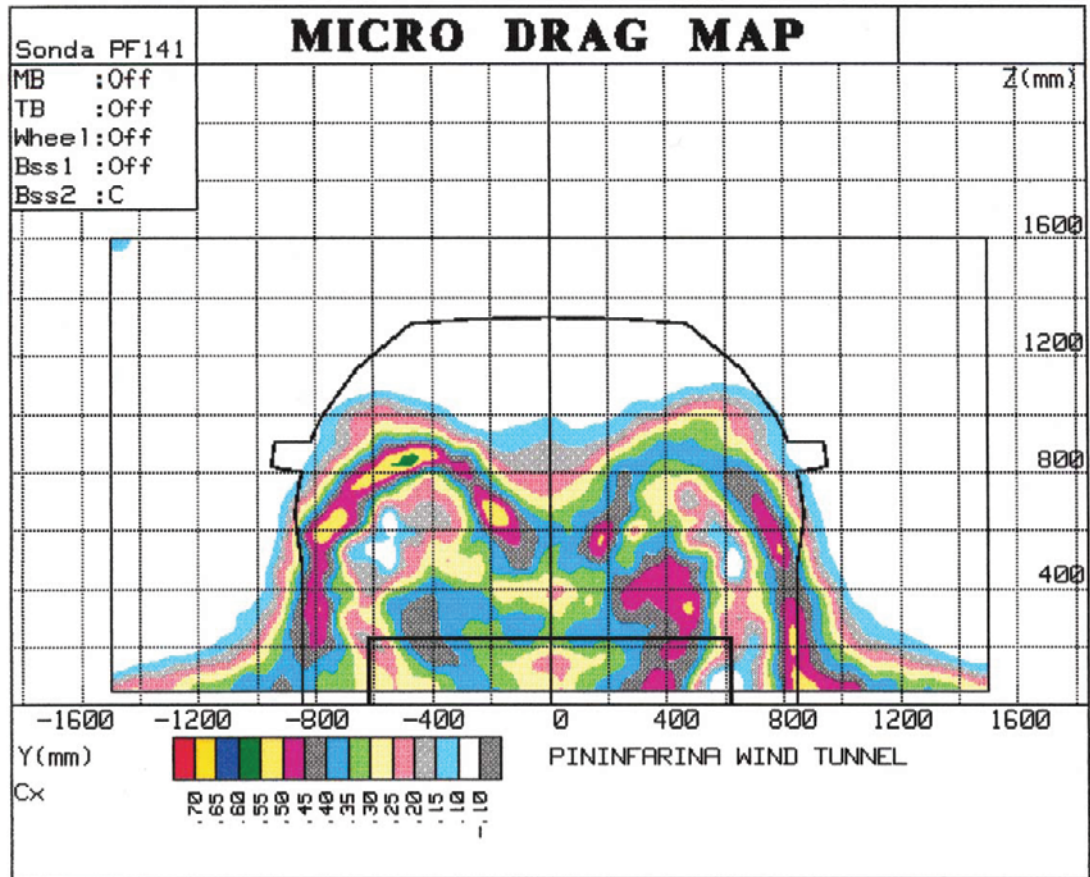


3. Flow Visualization of a Car Flow Field

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The flow field around a car can be shown either by flow maps, measured by a pressure probe, or by seeding the flow and using a light-sheet. The upper picture shows a flow map, in this case the momentum losses in the flow, as measured by a “14-hole” probe behind a car. The two lower pictures show the flow at the side of a car front wheel, both rotating and static. In this case the light-sheet is made by using an Argon-Ion laser and a multi-mode fiber 40 m long.

