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Commentary

Application of Monolithic Microwave Integrated Circuits (MMIC) to Plasma Diagnostics

..... KUWAHARA Daisuke 423

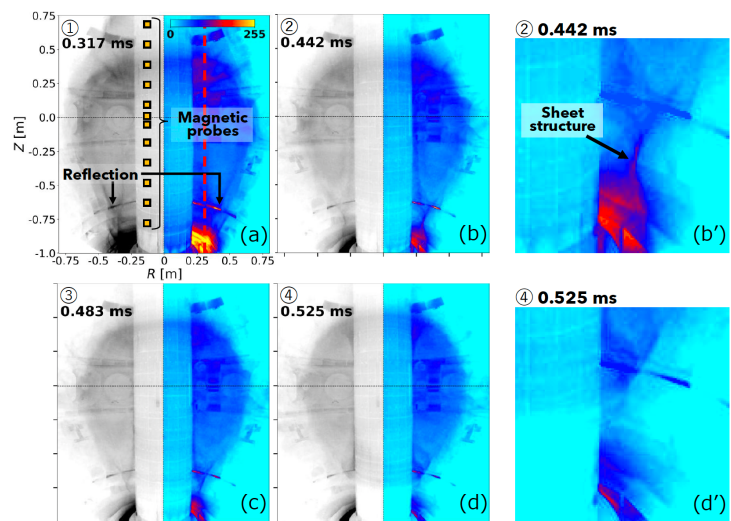
Saloon

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Cover

Coaxial Helicity Injection (CHI) is one of the current start-up methods for spherical tokamak using electrode discharge. In the QUEST spherical tokamak, the emission akin to the Sweet-Parker type current sheet, which is predicted in MHD simulations, was observed using a high-speed camera. The sheet structure can be seen most clearly at (b). The sheet is naturally torn off at (c), and the closed flux surface is formed at (d).

(Yuya OTSUKA *et al.*, Plasma and Fusion Research, Vol. 20, 1202045 (2025) <https://www.jspf.or.jp/>)