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Cover

2D high-resolution magnetic probe arrays developed for magnetic field measurement of merging/reconnection process in TS-3U (TS-6) using advanced printed-circuit board technology. (a) 2D setup of PCB coils (red circles) on the r-z poloidal flux contour of two merging ST plasmas. (b) Four types of PCB probe arrays composed of (c) three coil circuit patterns for B_x, B_y, and B_z. (d) Integrating and amplifying circuits for each PCB coil for the magnetic field measurement. (Moe AKIMITSU *et al.,* Plasma and Fusion Research, Vol.13, 1202108 (2018) http://www.jspf.or.jp/)

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