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Cover

A new radio frequency plasma source featuring a flat-loop antenna has been developed. The photo shows the argon plasma generated by the RF plasma source on the Compact Test Plasma device. The initial properties have been reported in this paper. We plan to test the plasma source on the Pilot GAMMA PDX-SC, which is intended to contribute to the advancement of an experimental linear device specifically designed for DEMO divertor conditions.

(Takumi SETO et al., Plasma and Fusion Research, Vol. 18, 2401054 (2023) http://www.jspf.or.jp/)

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