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Breakdown transient study of plasma distributions in a 2.45 GHz hydrogen discharge

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Abstract-

**Plasma distribution transients associated with the breakdown of a 2.45 GHz hydrogen discharge similar to high current microwave electrode. The temporal evolution of images in Balmer-alpha and Fulcher band wavelengths have been recorded associated to atomic and **

Index Terms- ECR ionsources; ECR plasma breakdown; Plasma diagnostics;

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