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A series of typical CCD camera picture of thermal Ar plasma using conventional series resonance circuit (a) and immittance circuit (b). The injected rf power is about 1.2 kW in the case of series resonance circuit (Fig.a), and about 3.0 kW in the case of immittance circuit (Fig.b). Light emission from thermal Ar plasma is strongly enhanced in the case of immittance circuit. This result contributes to production of thermal plasma with high power efficiency. (p.204 Efficient Radio Frequency Inductive Discharges in Near Atmospheric Pressure, RAZZAK M. Abdur et al)

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