

Abstracts

The Interaction of Microwaves with Gas-Discharge Plasmas

S.C. Brown. "The Interaction of Microwaves with Gas-Discharge Plasmas." 1959 *Transactions on Microwave Theory and Techniques* 7.1 (Jan. 1959 [T-MTT]): 69-72.

The interaction of microwaves with gas-discharge plasmas provides a valuable tool for studying the fundamentals of gas-discharge phenomena and methods of controlling and switching microwave power. A summary of our present state of knowledge in this field is presented by using as particular examples the interaction of high density and low density gas-discharge plasmas in S-band resonant cavities, both in the presence and absence of dc magnetic fields.

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