

# Abstracts

## Equivalent Circuit of Reentrant Cavity (Short Papers)

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*K. Uenakada. "Equivalent Circuit of Reentrant Cavity (Short Papers)." 1973 Transactions on Microwave Theory and Techniques 21.1 (Jan. 1973 [T-MTT]): 48-51.*

In order to develop a design formula for a reentrant cavity, as it changes from the very flat to very long form, the admittance of the cavity at the gap is derived. For the resonant frequency of an air-filled cavity, the theoretical value by the formula derived here agrees well with the experimental value.

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