

# Abstracts

## A Broad-Band Frequency Divider Using Microwave Varactors

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*R.G. Harrison. "A Broad-Band Frequency Divider Using Microwave Varactors." 1977 Transactions on Microwave Theory and Techniques 25.12 (Dec. 1977 [T-MTT] (1977 Symposium Issue)): 1055-1059.*

A novel configuration using GaAs varactors in a balanced circuit configuration incorporating both coplanar waveguide and microstrip elements permits the construction of microwave frequency dividers which have near-octave divide-by-two bandwidth and excellent response to pulsed RF inputs.

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