

Abstracts

A Two-Frequency Method for Impedance Measurement in Microwave Frequency-Halving Networks

R.G. Harrison and G.A. Kalivas. "A Two-Frequency Method for Impedance Measurement in Microwave Frequency-Halving Networks." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 178-180.

The method described removes a major difficulty in the design of wideband frequency-halvers: the accurate characterization of the "pumped" input and output impedances at the plane of the varactors. The procedure permits the use of realistic input and output power levels with the input at twice the output frequency.

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