

Abstracts

Efficient Power Combining (1979 [MWSYM])

M. Dydyk. "Efficient Power Combining (1979 [MWSYM])." 1979 MTT-S International Microwave Symposium Digest 79.1 (1979 [MWSYM]): 309-313.

The objective of this paper is to establish understanding of the single/multi-mode oscillator circuits used in combiners. A model is developed with emphasis on the selection and realization of the input/output coefficients, optimum stabilizing and output loads, equalizing network synthesis and other cogent features. The application of this theory to the highly successful and efficient design of J-band pulsed oscillators is discussed.

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