

Abstracts

The Application of a Frequency Multiplier Design Method to the Design of Microwave Parametric Dividers

Z. Nativ. "The Application of a Frequency Multiplier Design Method to the Design of Microwave Parametric Dividers." 1987 Transactions on Microwave Theory and Techniques 35.2 (Feb. 1987 [T-MTT]): 189-194.

A practical and efficient design method for microwave frequency dividers is described. The approach is based on the analogy between frequency multipliers and dividers at the same conditions of power levels and operating frequency. Hence, the well-known practical design procedure for frequency doublers, using published dynamic varactor parameters, may be used for designing frequency dividers.

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