

Abstracts

Theory of Regenerative Frequency Dividers Using Double-Balanced Mixers

R.G. Harrison. "Theory of Regenerative Frequency Dividers Using Double-Balanced Mixers." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. 1 [MWSYM]): 459-462.

Regenerative frequency halvers using double-balanced mixers are analysed in terms of modified Bessel functions. Closed-form solutions predict the threshold of turn on, the steady-state input-output amplitude relationship, and the operational bandwidth.

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