

Abstracts

Analysis of Balanced Subharmonically Pumped Mixers with Unsymmetrical Diodes

R.G. Hicks and P.J. Khan. "Analysis of Balanced Subharmonically Pumped Mixers with Unsymmetrical Diodes." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 457-459.

A numerical analysis technique is applied to subharmonically pumped balanced mixer circuits where the two diodes differ from each other. Results indicate that a slight imbalance between the diodes has a pronounced effect on mixer performance.

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