

Abstracts

Analysis and Design of a Low-Noise X-Band MIC Mixer 1-GHz IF Amplifier

J.E. Degenford and B.A. Newman. "Analysis and Design of a Low-Noise X-Band MIC Mixer 1-GHz IF Amplifier." 1975 Transactions on Microwave Theory and Techniques 23.4 (Apr. 1975 [T-MTT] (Special Issue on Microwave Communications)): 375-376.

The analysis and design of a low-noise 500-MHz bandwidth MIC image- and sum-enhanced 12-GHz mixer-IF amplifier is described. Typical midband noise figures of 6.3 dB have been achieved.

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