

# Abstracts

## An X-Band Dual Gate MESFET Image Rejection Mixer

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*S.C. Cripps, O. Nielsen and J. Cockrill. "An X-Band Dual Gate MESFET Image Rejection Mixer." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 300-302.*

An X-band image rejection mixer circuit using 1 micron dual gate GaAs FETs will be described. Conversion gains up to 15dB and simultaneous image rejection of at least 20dB have been obtained for IF outputs in the 10 - 100 MHz range, in a simple circuit which uses only 2 R.F. hybrids.

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