

# Abstracts

## Variable Impedance Tuner for MMIC's

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*W. Bischof. "Variable Impedance Tuner for MMIC's." 1994 Microwave and Guided Wave Letters 4.6 (Jun. 1994 [MGWL]): 172-174.*

A monolithic structure is presented for the tuning of MMIC's. With this tuner, either process deviations can be compensated or circuit parameters can be altered to meet different requirements. Measured results of a realized tuner agree well with the simulated model. Key design parameters are listed and a theoretical application for a narrow band amplifier at 27 GHz is simulated.

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