

# Abstracts

## A 0.3 to 3 GHz Monolithic Vector Modulator for Adaptive Array Systems

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*A. Truitt, J. Cerney and J.S. Mason. "A 0.3 to 3 GHz Monolithic Vector Modulator for Adaptive Array Systems." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. 1 [MWSYM]): 421-422.*

A monolithic vector modulator element has been demonstrated that combines the bi-phase modulation and gain control functions on a single chip covering the 0.3 to 3 GHz frequency band. Over 50 dB of gain control is provided.

 [Return to main document.](#)