

# Abstracts

## A Time-Domain Millimeter-Wave Vector Network Analyzer

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*R.Y. Yu, J. Pusi, Y. Konishi, M. Case, M. Kamegawa and M. Rodwell. "A Time-Domain Millimeter-Wave Vector Network Analyzer." 1992 Microwave and Guided Wave Letters 2.8 (Aug. 1992 [MGWL]): 319-321.*

A millimeter-wave vector network analyzer is implemented with a monolithic GaAs directional time-domain reflectometer integrated circuit mounted directly on a microwave wafer probe. The vector network analyzer performs on-wafer network analysis up to 96 GHz with  $\pm 1$  dB accuracy.

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