

IEEE

MICROWAVE AND WIRELESS COMPONENTS LETTERS®

A PUBLICATION OF THE IEEE MICROWAVE THEORY AND TECHNIQUES SOCIETY



AUGUST 2002

VOLUME 12

NUMBER 8

IMWCBJ

(ISSN 1531-1309)

LETTERS

Monolithic Integrated Circuits Incorporating InP-Based Heterostructure Barrier Varactors	281
..... <i>T. David, S. Arscott, J.-M. Munier, T. Akalin, P. Mounaix, G. Beaudin, and D. Lippens</i>	
Simple and Accurate Technique for Extracting the Parasitic Resistances of the Dual-Gate GaAs MESFET	
..... <i>M. Ibrahim, B. Syrett, and J. Bennett</i>	284
Harmonic-Balance Analysis of Digital Frequency Dividers	
..... <i>A. Anakabe, J. P. Pascual, J. Portilla, J. Jugo, and J. M. Collantes</i>	287
Hybrid Multilevel/Multigrid Potential Preconditioner for Fast Finite Element Modeling	290
Modeling of Frequency-Dependent Magnetized Plasma in Hybrid Symmetrical Condensed TLM Method	
..... <i>M. I. Yaich, M. Khalladi, I. Zekik, and J. A. Morente</i>	293
Novel Design Possibilities for Dual-Mode Filters Without Intracavity Couplings	296
A New Coax to Troughguide Transition.	299
..... <i>G. D. Hopkins, B. K. Edenfield, J. G. Hampton, and R. L. Roberts</i>	
Theoretical Analysis of Surface Mountable Triple-Mode Ceramic Cavity.	302
..... <i>Y. Tikhov and J. P. Kim</i>	
Broadband Loop Antenna for DCS-1800/IMT-2000 Mobile Phone Handsets	
..... <i>R. L. Li, E. M. Tentzeris, J. Laskar, V. F. Fusco, and R. Cahill</i>	305
Improvements in the Performance of Microstrip Antennas on Finite Ground Planes Through Ground Plane Edge Serrations	308
..... <i>G. H. Huff and J. T. Bernhard</i>	
Two-Dimensional Scanning Leaky-Wave Antenna by Utilizing the Phased Array	
..... <i>C.-J. Wang, H.-L. Guan, and C. F. Jou</i>	311

PATENT ABSTRACTS.	<i>H. C. Bell</i>	314
---------------------------	-------------------	-----
