

IEEE

MICROWAVE AND WIRELESS COMPONENTS LETTERS®

A PUBLICATION OF THE IEEE MICROWAVE THEORY AND TECHNIQUES SOCIETY



FEBRUARY 2002

VOLUME 12

NUMBER 2

IMWCBJ

(ISSN 1531-1309)

LETTERS

A 5.7 GHz Interpolative VCO Using InGaP/GaAs HBT Technology	S.-A. Yu, C.-C. Meng, and S.-S. Lu	37
A Novel Phase Noise Reduction Technique in Oscillators Using Defected Ground Structure.....	Y.-T. Lee, J.-S. Lim, J.-S. Park, D. Ahn, and S. Nam	39
Synthesis of Prototype Filters With Triplet Sections Starting From Source and Load	G. Macchiarella	42
An Adaptive Multiresolution Approach to the Simulation of Planar Structures.....	P. Pirinoli and G. Vecchi	45
A Highly Directive Dipole Antenna Embedded in a Fabry-Pérot Type Cavity	T. Akalin, J. Danglot, O. Vanbésien, and D. Lippens	48
Comparative Investigation on Numerical De-Embedding Techniques for Equivalent Circuit Modeling of Lumped and Distributed Microstrip Circuits	L. Zhu and K. Wu	51
Enhancing the Natural Frequency Doublet Splitting in Almost Periodic Azimuthally Corrugated Cavities.....	A. Serebryannikov and K. Schuenemann	54
An Improvement on Analytic Accuracy of Circular Groove Guide	H.-S. Yang and Y. Liu	57
Resonance Frequency and Bandwidth of Rectangular Microstrip Antenna on Thick Substrate	A. K. Verma and Nasimuddin	60
An Efficient Mixed Algorithm of L-MEI and DDM for the Wave Scattering by a Concave Cylinder ..	X. Yin and W. Hong	63

PATENT ABSTRACTS	H. C. Bell	66
------------------------	------------	----
