

INTERNATIONAL JOURNAL OF

MICROWAVE AND WIRELESS TECHNOLOGIES**CONTENTS****TERAHERTZ TECHNOLOGY AND APPLICATION****A performance-enhanced planar Schottky diode for Terahertz applications: an electromagnetic modeling approach**

Amir Ghobadi, Talha Masood Khan, Ozan Onur Celik, Necmi Biyikli, Ali Kemal Okyay and Kagan Topalli 1905

EM FIELD THEORY**An axially slotted cylinder with specific inhomogeneous coatings**

Z.A. Awan 1915

Two-dimensional scattering of a Gaussian beam by a homogeneous gyrotropic circular cylinder

Shi-Chun Mao, Zhen-Sen Wu, Zhaohui Zhang and Jiansen Gao 1925

FILTERS**Wide-stopband bandpass-filtering power divider with high-frequency selectivity**

Kaijun Song, Yifang Zhou, Maoyu Fan, Yu Zhu and Yong Fan 1931

Microstrip band-pass filter with -67 dB stop band up to 8.8 times the pass-band center frequency

Frederick Huang 1937

PASSIVE CIRCUITS AND COMPONENTS**Compact multi-layer N-way power divider with closed-ring-shaped isolation network**

Shunyong Hu, Kaijun Song and Yong Fan 1945

Design of dual/tri-frequency impedance transformer with ultra-high transforming ratio

Rusan Kumar Barik and S. S. Karthikeyan 1951

ANTENNA DESIGN, MODELLING AND MEASUREMENTS**Internal compact printed loop antenna for WWAN/WLAN/ISM/LTE smartphone applications**

Lakbir Belrhiti, Fatima Riouch, Abdelwahed Tribak, Jaouad Terhzaz and Angel Mediavilla Sanchez 1961

Efficient design of axially corrugated coaxial-type multi-band horns for reflector antennas

Pengyu Zhang, Jiaran Qi and Jinghui Qiu 1975

A novel uniplanar wideband magneto-electric dipole antenna element

Chen-Yang Shuai, Guang-Ming Wang and Ya-Wei Wang 1983

Correlation coefficient calculations for MIMO antenna systems: a comparative study

Mohammad S. Sharawi, Abdelmoniem T. Hassan and Muhammad U. Khan 1991

A compact elevated CPW-fed antenna with slotted ground plane for wideband applications

Reeta Devi and Dipak KR. Neog 2005

A miniaturized directional antenna for microwave breast imaging applications

Md Zulfiker Mahmud, Mohammad Tariqul Islam, Md Naimur Rahman, Touhidul Alam and Md Samsuzzaman 2013

Fractal antenna arrays for MIMO radar applications

Christoph Dahl, Michael Vogt and Ilona Rolfes 2019

Completely integrated multilayered weave electro-textile antenna for wearable applications

Esther F. Sundarsingh, Malathi Kanagasabai and Vimal Samsingh Ramalingam 2029

Cambridge Core

For further information about this journal please go to the journal web site at:

cambridge.org/mrfCAMBRIDGE
UNIVERSITY PRESS