

IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION

A PUBLICATION OF THE IEEE ANTENNAS AND PROPAGATION SOCIETY



NOVEMBER 2024

VOLUME 72

NUMBER 11

IETPAK

(ISSN 0018-926X)

COMMUNICATIONS

- [Dual-Band Polarization Conversion Metasurface-Assisted Compact High-Efficiency RFID Reader Antenna Design](#) *X. Wang, Z. Xing, Z. Zhao, J. Li, and Q. Yu*
- [Millimeter-Wave Wideband, High-Gain, Dual-Polarized Filtering Patch Antenna With Y-Shaped Probe and Shorted C-Shaped Strip](#) *Y. Sun, H.-T. Hu, and C. H. Chan*
- [A Vertical Polarized Endfire Phased Array Antenna With Wide-Angle Scanning Using Heterogeneous Beam Elements](#) *L. Li, S. Liao, Y. Wan, J. Wei, X. Ren, W. Che, and Q. Xue*
- [Wideband Full-Metal Cavity-Backed Filtering Slot Antenna Based on Resonant-Iris Mode](#) *R.-S. Chen, Z.-C. Liao, P.-F. Qin, Z.-Y. Pang, S.-W. Wong, Q. Shao, M. K. T. Al-Nuaimi, F.-C. Chen, and G.-L. Huang*
- [A Dual-Band Leaky Wave Antenna With Dual-Bi-Directional Continuous Beam Scanning for Large Space Radiation Coverage](#) *Z. Wu, Y. Su, X. Q. Lin, X. Liang, Y. Fan, and D. Zheng*
- [A Broadband Dual-Polarized C-/Ku-Band Shared Aperture Antenna Array for Satellite Communications](#) *M. Li, Y. Su, Y. Yao, W. Zhang, X. Lin, and Y. Fan*
- [Low-Cost Broadband and High-Gain Millimeter-Wave Phased Array Based on High-Order-Mode Back-Cavity Slot Antenna](#) *G. Kou, X. Li, W. Zhao, K. Li, J. Zhang, and Z. Qi*
- [Five-Beam Fully Metallic Nolen Matrix-Based Array Antenna for 5G Applications at 26 GHz](#) *M. A. Fuentes-Pascual, M. Ferrando-Rocher, J. I. Herranz-Herruzo, and M. Baquero-Escudero*
- [Low-Profile and Broadband Dual-Linearly Polarized Offset Dual-Reflector Antenna for W-Band Applications](#) *T.-K. Nguyen, J. Taillieu, D. González-Ovejero, and R. Sauleau*
- [A Dual-Polarized Endfire Antenna With Shared Aperture for mmWave Mobile Terminal Applications](#) *L. Li, S. Liao, J. Wei, Y. Wan, W. Che, and Q. Xue*
- [A Wideband High-Gain Multilinear Polarization-Reconfigurable Antenna Integrated With Nonuniform Partially Reflective Surface](#) *Z. Zhang, Y. Liu, S.-L. Chen, D. Chen, and Y.-L. Ban*
- [A Full-Duplex Dual Wideband Horn Antenna With High Port-to-Port Isolation](#) *Y. Tao, C. Deng, X. Cao, and K. Sarabandi*
- [Synthesis of Contiguously Subarrayed Arrays With Geometry Control via Alternating Total Variation Norm Optimization](#) *P. Wu, Y. Liu, Y.-L. Ban, and S. Yang*
- [Spectral Domain Analysis of Lossy and Nonzero Thickness Dipoles of Finite Length Radiating in Layered Media](#) *R. Ozzola, C. Tadolini, and A. Neto*
- [Novel Surface Integral Equation-Based Sub-Structure Characteristic Mode Formulations for Lossy Composite Objects](#) *H. Ren, J. Chen, P. Feng, B. Wang, G. A. E. Vandenbosch, and S. Yan*
- [Design of an Active Cloak for Canceling Scattering From an Object in Uniform Translation](#) *H. Deng and G. V. Eleftheriades*
- [Numerical Study of a Moving Dielectric Slab Illuminated by a Plane Wave With the Inclusion of Fresnel Drag](#) *M. Marvasti and H. Boutayeb*
- [A Multidimensional Feature Metric-Based Cluster-Tracking Algorithm and Its Application to Time-Varying Millimeter-Wave Channels](#) *B. Zhu, F. Du, Q. Li, S. Geng, and X. Zhao*
- [Surface Impedance Modulation of FSS Composite Absorber for RCS Reduction at Normal and Grazing Incidence](#) *K. Si, D. Wan, Y. Wu, H. Li, Z. Cao, J. Jiang, and L. Miao*
-