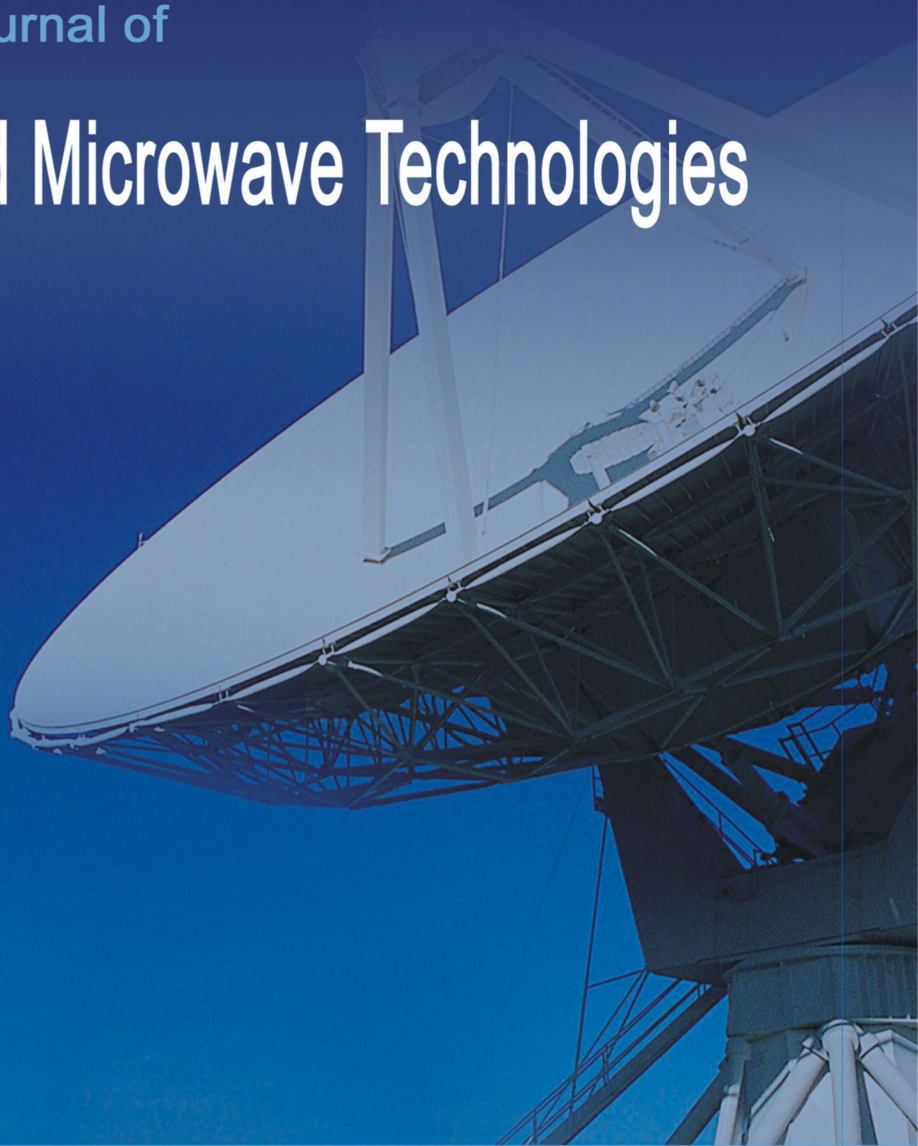


ISSN Print: 2076-1449,ISSN Online: 2076-9539

International Journal of

Wireless and Microwave Technologies



IJWMT Vol.15

<http://www.mecs-press.org/>

Vol.15 No.1 February 2025

International Journal of Wireless and Microwave Technologies (IJWMT)

ISSN Print: 2076-1449, ISSN Online: 2076-9539

Volume 15, Number 1, February 2025

Contents

REGULAR PAPERS

- | | |
|--|----|
| Enhanced Image Encryption Scheme Utilizing Charlier Moments and Modified Chaotic Mapping
<i>Shimaa A. Elanany, Abdelrahman A. Karawia, Yasser M. Fouda</i> | 1 |
| Performance Investigation of Various Estimation Models for Received-Signal Strength and Link-Speed Predictions of the 802.11ac WLANs
<i>Sumon Kumar Debnath, Mutia Afroze Alin, Iffat Ara Badhan, Md. Ahsan Habib</i> | 18 |
| Metamaterial Inspired Millimeter-Wave Antenna Arrays for 5G Wireless Applications
<i>Moti G. Beyene, Isayiyas T. Nigatu</i> | 40 |
| Performance Analysis of Optimal and Hybrid Beamforming Techniques and Spectral Efficiency Enhancement for 5G Millimeter-Wave Systems
<i>Padmasree Ramineni, Pranaya Pasula, Tejasvey Pancharreddy</i> | 51 |
| Optimizing Beam Dynamics and Spectral Efficiency in umMIMO: A Study on 6G THz Networks with Varying Channels and Precoding Techniques
<i>Md. Mizanul Hoque, A. H. M. Asadul Huq</i> | 66 |
-