

Indian Journal of Radio & Space Physics

CODEN: IJRSAK ISSN: 0367-8393 (print); 0975-105X (online)

<http://www.niscair.res.in>; <http://nopr.niscair.res.in>

VOLUME 40

NUMBER 1

FEBRUARY 2011

CONTENTS

Solar activity during sunspot minimum R P Kane	7
Characteristics of type II solar radio bursts in the meter and deca-hectometer wavelengths O Prakash*, S Umopathy, A Shanmugaraju, P Pappa Kalaivani & E Ebenezer	11
Comparison of total electron content predicted using the IRI-2007 model with GPS observations over Lagos, Nigeria A O Adewale*, E O Oyeyemi, J O Adeniyi, A B Adeloye, O A Oladipo	21
Diurnal and seasonal variation of GPS-TEC during a low solar activity period as observed at a low latitude station Agra Vishal Chauhan*, O P Singh & Birbal Singh	26
Investigation of surface energy budget over a humid tropical site at Ile-Ife, Nigeria: A comparison of eddy covariance and Bowen ratio methods O R Oladosu* & L A Sunmonu	37
Downscaling of NWP based meteorological variables for potential applications Devendra Singh	45
Effect of LiTiMg ferrite as substrate for linear array of equilateral triangular microstrip patches under external magnetic field Naveen Kumar Saxena*, Nitendar Kumar & P K S Pourush	53

*Authors for correspondence