



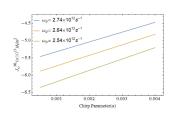


OCTOBER 2020 VOLUME 48

NUMBER 10 ITPSBD

(ISSN 0093-3813)

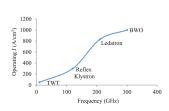
Features in This Issue



High-Field Coherent Terahertz Radiation Generation From Chirped Laser Pulse Interaction With Plasmas

by Mukesh Chand Gurjar, Krishna Gopal, Devki Nandan Gupta, Victor V. Kulagin, and Hyyong Suk

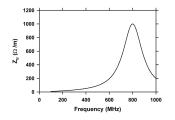




A Review of Electron Emitters for High-Power and High-Frequency Vacuum Electron Devices

by Asish Kumar Singh, Sushil Kumar Shukla, Meduri Ravi, and Ranjan Kumar Barik

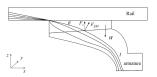
Read More



Suppression of Beam Breakup in Linear Induction Accelerators by Stagger Tuning

by Carl Ekdahl, and Rodney McCrady

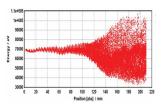
Read More



Transition Mechanism Based on Load Imbalance of Liquid Metal Film

by Jinghui Ruan, Lixue Chen, Zengji Wang, Chengxian Li, Pengfei Wu, and Shengguo Xia

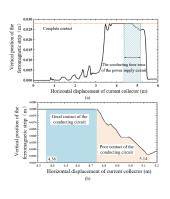
Read More



Systematic Time-Dependent, Multimode Simulation Study of a Ka-Band, Three-Cavity Second-Harmonic Gyroklystron Amplifier

by M. V. Swati, and P. K. Jain





A Study on the Detachment Characteristics of the Tramwave Catenary-Free Electrification System for Urban Traffic

by Song Xiao, Can Zhang, Yuanpei Luo, Jingchi Wu, Yang Rao, and Jan K. Sykulski



SCIEN		LASMA SCIENCES SCC	RTY .	©, NP	SS
OCTOBER 2020	VOLUME 48	NUMBER 10	ITPSBD	(155N 0090-38	13)
PART II OF TWO PARTS					
ENEW PAPERS A Review of Electron Emit		A K 3	heph S. K. Shulle, M.	Revi, and R. K. Ravk	3446
Potential Agricultural and Self-Organized Patterns I	d Biomedical Appl Formed at the Interfa	ications of Cold An	Z Ches, R-G Xs.	Posted Liquids With P Chen, and O. Himp	3455
BOLLAK PAPERS					_
lasic Processes in Fully a					
Planess Centrilage With Co	cosed E × B Fields	and Thermally Driven 6	Countercurrent Plow		3472
Stally on Tanable Manuella	and Planne Research	Salartine Sectors Phil	E. Bertseitch, E. Fotoni an IEC ADUTE Mathead	n, and X E Whichelly	3472
					1479
Aluminum Ermion Duc to	Fank Arcing and Its	Effects on Temperature	and Pressery in a Close	ed Air Venel	
				Fig. J. Lin, and P. Guo	3487
Microwave Generation an					1495
High-Order Retating Mode Equivalent Circuit Analysis					1410
and a second sec	on the pass coupled	P.T	inarthi A Kamer X D	wheels and F.K. Inin	3501
Electromagnetic and Particl	to In-Cell Simulation	of 5 MW Long Anode	Palsa Magacross		
A New Sell Packaged Subsi					3510
A New Sell Packaged Soles and Deep Upper Frequen	irate Integrated Ar-P	illed Speed Sanlace Flat	Witness V. Long, V. W.	ith Inherent Low Loss	3516
Experimental and Numerica	al Studies of a Tatab	6 Players Antonna Sur	tained by RF Prwer		
			E Padobily, A. Sennor	i, and S. O. Macherer	3524
Research on 3-GW Repetiti A Novel Demodulation Me	vely Operating Relat	week Backward Ware	Oscillator	J. San and C. Chen	3535
A Newel Demodulation Mo	flod flated on Specia	a Chattering for Phase	me I Tree N Lin N	There and N There	1544
		141.0.6	og a sange fit. Lift, fit.	G. Disk and B. Sarah	3552
Staly on Load-Sale Optimi					

IEEE Transactions on Plasma Science

A publication of the IEEE Nuclear and Plasma Sciences Society.

VIEW THE TABLE OF CONTENTS

T-PS Home T-PS in IEEE Xplore Early Access Manuscript

Manuscript Submission

View the full series on IEEE *Xplore*.

© {(my.copyright year}} IEEE- All righ

Website | Privacy Policy | Unsubscribe