

Download Kindle

INVESTIGATION OF FULLY THREE-DIMENSIONAL HELICAL RF FIELD EFFECTS ON TWT BEAMCIRCUIT INTERACTION



Investigation of Fully Three-Dimensional Helical RF Field Effects on TWT Beam/Circuit Interaction

NASA Technical Reports Server (NTRS), Carol L. Kory

Bibliogov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 30 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. A fully three-dimensional (3D), time-dependent, helical traveling wave-tube (TWT) interaction model has been developed using the electromagnetic particle-in-cell (PIC) code MAFIA. The model includes a short section of helical slow-wave circuit with excitation fed by RF input/output couplers, and electron beam contained by periodic permanent magnet (PPM) focusing. All components of the model are simulated in three dimensions allowing the effects...

Read PDF Investigation of Fully Three-Dimensional Helical RF Field Effects on Twt BeamCircuit Interaction

- Authored by Carol L. Kory
- Released at -



File size: 6.32 MB

Reviews

Excellent eBook and valuable one. It normally will not price too much. Your daily life span is going to be change once you comprehensive reading this ebook.

-- **Ezra Bergstrom**

This kind of publication is almost everything and taught me to seeking ahead and a lot more. I really could comprehended almost everything out of this created e publication. I am effortlessly can get a pleasure of reading through a created ebook.

-- **Keon Lowe**

If you need to adding benefit, a must buy book. It normally fails to cost a lot of. Its been designed in an extremely easy way in fact it is just right after i finished reading through this ebook by which basically transformed me, change the way i believe.

-- **Vernon Ritchie**