

Abstracts

Guided Waves in Moving Media (Apr. 1967 [T-MTT])

P. Daly. "Guided Waves in Moving Media (Apr. 1967 [T-MTT])." 1967 Transactions on Microwave Theory and Techniques 15.4 (Apr. 1967 [T-MTT]): 274-275.

In a recent paper, the problem of electromagnetic wave propagation in a waveguide containing a moving dielectric medium was considered. It is shown in this correspondence that the approach used is unnecessarily complicated and that the mode behavior can be simply derived from the stationary problem by a Lorentz transformation to the frame of a moving observer.

 [Return to main document.](#)