

Abstracts

Propagation of Electromagnetic Waves in Rectangular Guide Filled with a Semiconductor in the Presence of a Transverse Magnetic Field (Correspondence)

S.A. Rahman and M.W. Gunn. "Propagation of Electromagnetic Waves in Rectangular Guide Filled with a Semiconductor in the Presence of a Transverse Magnetic Field (Correspondence)." 1969 *Transactions on Microwave Theory and Techniques* 17.5 (May 1969 [T-MTT]): 279-281.

A general analysis is given for the determination of the field components and the propagation constant of electromagnetic waves propagating in a semiconductor filled rectangular waveguide subjected to a uniform transverse steady magnetic field.

[Return to main document.](#)