

# Abstracts

## The Impedance and Scattering Properties of a Perfectly Conducting Strip Above a Plane Surface-Wave System (Letters)

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*J. Brown. "The Impedance and Scattering Properties of a Perfectly Conducting Strip Above a Plane Surface-Wave System (Letters)." 1974 Transactions on Microwave Theory and Techniques 22.4 (Apr. 1974 [T-MTT]): 469-469.*

Gillespie and Kilburg have postulated that the fraction of the incident surface-wave power radiated by a conducting strip does not exceed 0.5. This result is shown to be a consequence of the representation of the strip by a shunt impedance.

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