

# Abstracts

## Mode-coupling effect between different two types of the surface-wave leaky mode on conductor-backed coplanar strips (CBCPS)

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*M. Tsuji and H. Shigesawa. "Mode-coupling effect between different two types of the surface-wave leaky mode on conductor-backed coplanar strips (CBCPS)." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1675-1678.*

We have recently discovered the new mode-coupling effect between the standard leaky mode and the new leaky mode on CBCPS. Such a mode coupling has not been recognized before in the literature. After investigating the feature of the new leaky mode in detail, we explain why such a coupling effect occurs between different two types of surface-wave leaky mode.

[Return to main document.](#)