

# Abstracts

## Non-Leaky Coplanar Waveguide Active Antenna

*K. Cha, Y. Liu, C.-Y. Lee and T. Itoh. "Non-Leaky Coplanar Waveguide Active Antenna." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 765-767.*

A newly developed structure, non-leaky coplanar waveguide (NLC), is used for an active antenna. Spectral domain and FDTD codes are developed to provide the design parameters. The circuit is successfully operated with an antenna gain better than the CPW design.

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