

# Abstracts

## FDTD Analysis of an Active Antenna (Nov. 1993 [MGWL])

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*B. Toland, J. Lin, B. Houshmand and T. Itoh. "FDTD Analysis of an Active Antenna (Nov. 1993 [MGWL])." 1993 Microwave and Guided Wave Letters 3.11 (Nov. 1993 [MGWL]): 423-425.*

The FDTD algorithm is extended to perform a theoretical analysis of a two-element active antenna. A description is given of the procedures that were used to produce a stable large signal simulation of the active, nonlinear circuit. Some results are given and a comparison is made with measured data.

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