

# Abstracts

## A 4x4 Spatial Power-Combining Array with Strongly Coupled Oscillators in Multi-Layer Structure

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*J. Lin and T. Itoh. "A 4x4 Spatial Power-Combining Array with Strongly Coupled Oscillators in Multi-Layer Structure." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 607-610.*

A 4x4 spatial power-combining array with strongly coupled oscillators in multi-layer (3-D) structure is presented. By connecting oscillator units with resistors, the stable in-phase mode oscillation is achieved. The design of multi-layer structure separates radiating elements from the active circuit.

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