

Abstracts

Low cost T/R modules for planar arrays

*D. Strack, G. Ferrell, A. Piloto, J. Gipprich, J. Fisher, J. Kennedy, D. Heffernan and S. Caswell.
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For phased arrays to be viable in present and future radar systems, T/R module designs will need to be lower cost, lighter weight, and more producible. The T/R module presented in this paper provides a new approach for both module and array design. A planar approach is presented in which individual T/R modules are 'plugged' into the array allowing for easy maintenance of the array.

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