

Abstracts

Toward Standard Figures-of-Merit for Spatial and Quasi-Optical Power-Combined Arrays (Short Papers)

M. Gouker. "Toward Standard Figures-of-Merit for Spatial and Quasi-Optical Power-Combined Arrays (Short Papers)." 1995 Transactions on Microwave Theory and Techniques 43.7 (Jul. 1995, Part I [T-MTT]): 1614-1617.

A consistent set of figures-of-merit is proposed for the standard characterization of spatial and quasioptical power-combined arrays. A new figure-of-merit, the effective transmitter power, is presented along with slightly modified definitions of standard figures-of-merit. The definitions of these figures-of-merit have been chosen to more directly compare the performance of spatial and quasioptical power-combined arrays with one another and with conventional circuit power-combined transmitters and amplifiers.

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