

# Abstracts

## High efficiency monolithic gallium nitride distributed amplifier

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*B.M. Green, Sungjae Lee, K. Chu, K.J. Webb and L.F. Eastman. "High efficiency monolithic gallium nitride distributed amplifier." 2000 Microwave and Guided Wave Letters 10.7 (Jul. 2000 [MGWL]): 270-272.*

The first gallium-nitride monolithic distributed amplifier is demonstrated. A nonuniform design allows the removal of the drain line dummy load with a concomitant increase in efficiency. An optimized nonuniform design shows a 10% increase in efficiency over an optimized uniform design having the dummy termination.

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