

# Abstracts

## Performance comparison of single and dual stage MMIC limiters

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*J.M. Carroll. "Performance comparison of single and dual stage MMIC limiters." 2001 MTT-S International Microwave Symposium Digest 01.2 (2001 Vol. II [MWSYM]): 1341-1344 vol.2.*

This paper details a performance comparison between single and dual stage MMIC PIN Limiters. The two limiters were designed for the best 3 to 28 GHz small signal performance with minimum die size possible. The dual stage limiter was 32% larger than the single stage but provided many performance benefits. Simulations and measurements of the fabricated devices give insight into critical performance trade-offs valuable for future limiter design efforts.

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