

# Abstracts

## X-Band Receiver Protector Using Glass Technology

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*R. Keenan and E. Higham. "X-Band Receiver Protector Using Glass Technology." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1103-1106.*

This paper describes a receiver protector providing passive limiting and active switching for an X-band phased array radar. The 1650  $\mu\text{m}$  x 4440  $\mu\text{m}$  circuit uses a glass integrated circuit process and discrete PIN diodes to achieve: Loss: 1.0 dB VSWR 1.25:1 Isolation 40 dB Power Handling: 10W CW

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