

# Abstracts

## A Production 30-kW, L-Band Solid-State Transmitter

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*S. Bird and M. Reinhart. "A Production 30-kW, L-Band Solid-State Transmitter." 1989 MTT-S International Microwave Symposium Digest 89.3 (1989 Vol. III [MWSYM]): 867-870.*

A 30-kW, L-Band Solid-State Transmitter has been designed for the look-down radar used on a tethered aerostat system deployed to combat drug smugglers. This transmitter replaces a tube transmitter previously used in this type radar which results in significantly improved reliability, maintainability, availability, and a 30 percent decrease in overall transmitter weight.

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