

# Abstracts

## Microwave Transmission Characteristics of Solar Power Satellites

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*G.D. Arndt and L. Leopold. "Microwave Transmission Characteristics of Solar Power Satellites." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 273-275.*

A summary of the analyses and performance characteristics of a high-power microwave system for transferring energy from solar power satellites in geosynchronous orbit to the earth is given. Design tradeoffs, problem areas, and simulation results for various configurations are presented.

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