

Abstracts

Microwave Correlation Thermography for the Imaging of Hot Spots in Lossy Materials

G. Schaller. "Microwave Correlation Thermography for the Imaging of Hot Spots in Lossy Materials." 1988 MTT-S International Microwave Symposium Digest 88.1 (1988 Vol. I [MWSYM]): 155-156.

The imaging of hot spots in homogeneous, lossy materials using a microwave correlation radiometer is investigated. The system utilizes a circular synthetic aperture and a correlation radiometer with an adjustable time delay. Numerical results for various system configurations are presented graphically.

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