

Abstracts

Monolithic High-TC Superconducting Phase Shifter at 10 GHz (1992 Vol. I [MWSYM])

J.H. Takemoto-Kobayashi, C.M. Jackson, E.B. Guillory, C. Pettiette-Hall and J.F. Burch.

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We describe a monolithic high temperature superconductor (HTS) phase shifter integrated into a 10 GHz microstrip line. This is the first demonstration of a non-resonant HTS circuit based on our design. We observed phase shifts greater than 150 degrees in resonant structures, and 20 degrees in broadband circuits.

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