

Abstracts

10 GHz High Temperature Superconductor Phase Shifter

C.M. Jackson and D.J. Durand. "10 GHz High Temperature Superconductor Phase Shifter." 1991 MTT-S International Microwave Symposium Digest 91.1 (1991 Vol. I [MWSYM]): 165-168.

An HTS phase shifter with a single SQUID device has been developed and tested at 10 GHz. Circuit parameters have been determined, and the performance has been modeled. This HTS single-SQUID phase shifter is the first step toward a multiple device circuit with broadband true-time delay phase shifter performance.

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