

Abstracts

MMIC Phase Shifters and Amplifiers for Millimeter-Wavelength Active Arrays

V.E. Dunn, N.E. Hodges, O.A. Sy and W. Alyassini. "MMIC Phase Shifters and Amplifiers for Millimeter-Wavelength Active Arrays." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. 1 [MWSYM]): 127-130.

The development of MMIC phase shifters and amplifiers at 20 and 44 GHz for application in space based active antenna arrays is described. RF probing to characterize the active elements at these frequencies is shown to provide a good basis for the MMIC design.

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