

Abstracts

A low cost AM/PM sideband generator for low noise calibration

D.A. Bittler, F.H. Harris and D.W. Strack. "A low cost AM/PM sideband generator for low noise calibration." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1471-1472.

This paper describes a simplified architecture for the generation of either AM or PM sidebands applicable to the calibration of noise measurement systems. This low cost, wideband alternative, utilizes a PIN diode attenuator/limiter with dual biasing techniques to provide either sideband with 40 dB of PM-AM separation.

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