

Abstracts

MIC Modulator with Electronically Variable Carrier Cancellation Circuit

D. Neuf. "MIC Modulator with Electronically Variable Carrier Cancellation Circuit." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 321-323.

Experiments with various cancellation techniques for improving the LO to RF isolation of a double balanced mixer have resulted in the development of (1) a microstrip single sideband up converter with 45 dB carrier isolation over a wide tuning range and (2) an electronically controlled continuously variable MIC phase and amplitude modulator.

 [Return to main document.](#)