

Abstracts

MMIC Quasi-Circulator with Low Noise and Medium Power

A. Gasmi, B. Huyart, E. Bergeault and L. Jallet. "MMIC Quasi-Circulator with Low Noise and Medium Power." 1996 MTT-S International Microwave Symposium Digest 96.3 (1996 Vol. III [MWSYM]): 1233-1236.

This paper presents the design and the measured performances of a narrow band quasi-circulator module. Its design implements active divider and combiner. The device demonstrates a noise figure of 5.5dB and an output power of 18dBm with associated gains of 4dB and 7.6dB for the receive and transmit path, respectively.

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