

Abstracts

Power controller for dual band TDMA power amplifiers

S. Weber. "Power controller for dual band TDMA power amplifiers." *2001 Radio Frequency Integrated Circuits (RFIC) Symposium 01. (2001 [RFIC])*: 205-208.

An Si IC for the analog power control of a TDMA dual-band power amplifier featuring a low-pass filter, internal RF detectors and a loop amplifier is presented. The key design constraints are identified and an optimized system topology with a new gain-shaping block is developed.

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