

Abstracts

A balanced monolithic oscillator at K-band

K.S. Ang, S. Nam and I.D. Robertson. "A balanced monolithic oscillator at K-band." 1999 Radio Frequency Integrated Circuits (RFIC) Symposium 99. (1999 [RFIC]): 163-166.

A technique for generating accurate anti-phase signals is presented. A monolithic oscillator with dual outputs that are mutually locked in anti-phase has been realised. This new oscillator demonstrates significant potential in balanced circuits like mixers, multipliers and modulators where circuit performance relies on the precise generation of balanced signals.

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