

Abstracts

A Novel Frequency Divider Configuration for Micro- and Millimeter-Wave Signals

P. Nuchter and W. Menzel. "A Novel Frequency Divider Configuration for Micro- and Millimeter-Wave Signals." 1996 Microwave and Guided Wave Letters 6.7 (Jul. 1996 [MGWL]): 265-267.

A novel frequency divider configuration is presented that is based on the well-known regenerative frequency divider. In addition to a multiplier in the feedback loop--as originally suggested--an auxiliary frequency divider is included in the loop. The maximum operating frequency of the novel configuration can be close to twice the maximum input frequency of the auxiliary divider.

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