

# Abstracts

## A DECT RF transmitter with integrated VCOs suitable for open loop GFSK modulation

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O. Kromat, S. Heinen, U. Matter, G.L. Puma and M. Zannoth. "A DECT RF transmitter with integrated VCOs suitable for open loop GFSK modulation." 1998 Radio Frequency Integrated Circuits (RFIC) Symposium 98. (1998 [RFIC]): 113-116.

Since the monolithic integration of VCOs complying with the DECT standard seems to be possible, the interaction between circuit parts, such as PLL and biasing, with a fully integrated VCO needs to be studied. This is necessary with the focus on spurious products in the output spectrum and the effect on the open loop modulation of the VCO for the generation of a DECT GFSK modulated signal.

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