

## Analytical Model of Noise in an Analog Frequency Divider

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O. Llopis, H. Amine, M. Gayral, J. Graffeuil and J.F. Sautereau. "Analytical Model of Noise in an Analog Frequency Divider." 1993 MTT-S International Microwave Symposium Digest 93.2 (1993 Vol. II [MWSYM]): 1033-1036.

The noise properties of a microwave analog frequency divider are investigated. The division is realized with a field effect transistor in a forced oscillation mode. An appropriate model is proposed for the calculation of the output signal phase and amplitude noises from the input signal phase noise and from the transistor low frequency noise data.

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