

# Abstracts

## A Practical MMIC Negative Resistance Structure for X and Ku Band Applications (1996 [MCS])

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*M.R. Moazzam and M. Darvishzadeh. "A Practical MMIC Negative Resistance Structure for X and Ku Band Applications (1996 [MCS])." 1996 Microwave and Millimeter-Wave Monolithic Circuits Symposium Digest 98. (1996 [MCS]): 175-178.*

This paper presents the mathematical analysis and measured results of a novel practical MMIC negative resistance structure. This structure operates at X and Ku bands. The measured results show a negative resistance (down to  $-50 \Omega$ ) over a 6 GHz bandwidth centered at 11 GHz.

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