

# Abstracts

## A low noise amplifier for a multi-band and multi-mode handset

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*Chang-Soek Lee, Min-Gun Kim, Joe-Jin Lee, Kwang-Eui Pyun and Hyung-Moo Park. "A low noise amplifier for a multi-band and multi-mode handset." 1998 Radio Frequency Integrated Circuits (RFIC) Symposium 98. (1998 [RFIC]): 47-50.*

Using a low noise active balun and a push-pull active matching circuit, a wideband low noise amplifier MMIC is designed and fabricated. For the frequency up to 3 GHz, output VSWR is less than 1.3 and the output power handling capability of 9.4 dB is enhanced compared with conventional active matching circuit.

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