

# Abstracts

## Stability Considerations of Low-Noise Transistor Amplifiers with Simultaneous Noise and Power Match

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*L. Besser. "Stability Considerations of Low-Noise Transistor Amplifiers with Simultaneous Noise and Power Match." 1975 MTT-S International Microwave Symposium Digest of Technical Papers 75.1 (1975 [MWSYM]): 327-329.*

Microwave transistor amplifiers may be simultaneously matched for optimum noise and input/output VSWR. This paper demonstrates a combination of mapping techniques, computer optimization and stability considerations through two amplifier designs (70 MHz and 4000 MHz) to achieve these goals.

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