

# Abstracts

## Development of a compact, broadband FET linearizer for satellite use

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S. Ogura, K. Seino, T. Ono, A. Kamikokura and H. Hirose. "Development of a compact, broadband FET linearizer for satellite use." 1997 MTT-S International Microwave Symposium Digest 3. (1997 Vol. III [MWSYM]): 1195-1198.

A small sized, high performance linearizer has been developed. This linearizer consists of only one FET and simple matching circuits and is useful in a very broadband from 2 to 12 GHz. The linearizer has been adopted into an SSPA for the GLOBALSTAR program, and a 2 dB NPR improvement has been achieved at the 3 dB output backoff point.

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