

Abstracts

A Network Modeling and Design Method for a 2-18 GHz Feedback Amplifier (1982 [MWSYM])

A.M. Pavio. "A Network Modeling and Design Method for a 2-18 GHz Feedback Amplifier (1982 [MWSYM])." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 162-165.

An accurate network theory and modeling method, including feedback loop circuit parasitics and device limitations, is presented for the design of broadband microwave feedback amplifiers. Discussed are circuit realization and measured performance in relation to VSWR, gain flatness and stability of a 2 to 18 GHz three stage amplifier.

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