

Abstracts

A 0.15 -- 12-GHz Matched Feedback Amplifier Using Commercially Available FET's (Short Papers)

F. Perez and V. Ortega. "A 0.15 -- 12-GHz Matched Feedback Amplifier Using Commercially Available FET's (Short Papers)." 1982 Transactions on Microwave Theory and Techniques 30.8 (Aug. 1982 [T-MTT]): 1289-1290.

Using a graphical approach followed by a simple computer optimization, an ultra-broad-band feedback amplifier covering the frequency range from 150 MHz to 12 GHz has been designed. Experimental results show that using commercially available FET's and parallel configuration, 5-dB flat gain and small VSWR'S can be obtained.

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