

Abstracts

Harmonic tuned PAs design criteria

P. Colantonio, F. Giannini, G. Leuzzi and E. Limiti. "Harmonic tuned PAs design criteria." 2002 MTT-S International Microwave Symposium Digest 02.3 (2002 Vol. III [MWSYM]): 1639-1642 vol.3.

High efficiency power amplifier design criteria imply the synthesis of input and output networks with particular care on their harmonic behavior. In this paper, a simplified approach to clarify the relevance of such terminations is presented. In particular, design criteria to improve efficiency for high frequency application will be discussed. Finally, to validate the proposed analysis comparison between realised amplifiers are shown.

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