

Abstracts

Power-amplifier transient tracking in OFDM

D. Bateman, S. Simoens, M. de Courville and G. Julien. "Power-amplifier transient tracking in OFDM." 2002 MTT-S International Microwave Symposium Digest 02.2 (2002 Vol. II [MWSYM]): 803-806 vol.2.

The effect of the transmitter gain transient when the power-amplifier is switched on and off (to conserve battery power) is investigated for OFDM systems. A simple receiver-side correction technique is proposed for the HIPERLAN/2 OFDM system, and the improvement in performance is demonstrated.

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