

Abstracts

Optimization of RF (MMIC)/optical subcarrier multiplexed communications system

S. Han, R. Gaudino, M. Shell, J. Laskar and D.J. Blumenthal. "Optimization of RF (MMIC)/optical subcarrier multiplexed communications system." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 979-982.

An accurate simulation model which provides an effective method of optimizing an optical subcarrier multiplexed (OSCM) communication network is developed and experimentally demonstrated. Effects of MMIC insertion and two types of header receiver schemes are studied, and the initial performance of MMIC components are presented.

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