Abstracts

Real Frequency Method Applied to Broad-Band Laser Command Circuit Design with Lumped and Distributed Elements

D. Le Berre, A. Perennec, N. Julien, S. Toutain, R. Lefevre, D. Lemaillet and R. Soares. "Real Frequency Method Applied to Broad-Band Laser Command Circuit Design with Lumped and Distributed Elements." 1995 MTT-S International Microwave Symposium Digest 95.3 (1995 Vol. III [MWSYM]): 1307-1310.

In view to improve the LASER response which presents an electrooptic resonance, we propose an original method for LASER command circuit design. Our small signal application for remote antenna link used a differential amplifier comprising the matching network synthesis of active load as well as a one stage amplifier. This synthesis is carried out with lumped elements or transmission lines.

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