

Abstracts

A Novel 2-4 GHz Multi-Passband Tunable and Gain Controlled Miniature Active Equalizer/Filter

A. Madjar, B. Even-Or and E. Gertel. "A Novel 2-4 GHz Multi-Passband Tunable and Gain Controlled Miniature Active Equalizer/Filter." 1991 MTT-S International Microwave Symposium Digest 91.2 (1991 Vol. II [MWSYM]): 451-454.

This paper presents the design and performance of a novel tunable active equalizer/filter intended for use in wide band systems such as EW. The proposed circuit operates in the range 2-4 GHz, it has a simple circuit topology, low cost in manufacturing, narrow instantaneous bandwidth (100-200 MHz), has a gain control of more than 20 db and has an instantaneous multi-band capability.

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