

Abstracts

A Monolithic Channelized Preselector for EW Receiver Applications

R.H. Halladay, A.M. Pavio, S.D. Bingham and A. Kikel. "A Monolithic Channelized Preselector for EW Receiver Applications." 1988 MTT-S International Microwave Symposium Digest 88.2 (1988 Vol. II [MWSYM]): 573-576.

A switched preselector, consisting of monolithic bandpass filters, multi-throw switches and broadband amplifiers has demonstrated excellent selectivity and low loss characteristics in considerably less volume than conventional microstrip designs. The switches employ series and shunt FETs in 1P4T and 1P2T configurations, while the filters were designed using semi-lumped element techniques.

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