

Abstracts

Analog Matched Filter Using Tapped Acoustic Surface Wave Delay Line (Correspondence)

S.T. Costanza, P.J. Hagon and L.A. MacNevin. "Analog Matched Filter Using Tapped Acoustic Surface Wave Delay Line (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.11 (Nov. 1969 [T-MTT] (Special Issue on Microwave Acoustics)): 1042-1043.

VHF experiments are described employing 11- and 50-tap surface acoustic wave delay lines fabricated on crystalline quartz as analog matched filters. Excellent correlation characteristics were observed for a 63-bit maximal length biphase code.

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