

Abstracts

Magnetostatic Wave Dispersive Delay Line (Short Papers)

P. Wahi and Z. Turski. "Magnetostatic Wave Dispersive Delay Line (Short Papers)." 1982 Transactions on Microwave Theory and Techniques 30.11 (Nov. 1982 [T-MTT]): 2031-2033.

The physical limits of the interdigital transducer (IDT) implementation for surface acoustic wave (SAW) devices beyond VHF/UHF have restricted their use in microwave systems. Inherent dispersion of magnetostatic wave (MSW) devices is suitable for signal processing directly at microwave frequencies. Dispersion enhancement tests performed on MSW delay lines confirm their suitability to an S-band simultaneous pulse separator for EW receiver applications.

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