

Abstracts

Time Domain Analysis of SAW Reflectors

R.D. Fildes and B.J. Hunsinger. "Time Domain Analysis of SAW Reflectors." 1979 Transactions on Microwave Theory and Techniques 27.2 (Feb. 1979 [T-MTT]): 194-198.

A time domain analysis of high-reflectivity SAW reflector arrays is shown to yield values of stripe reflectivity, center frequency, and effective reflections plane penetration. An examination of the approach shows that the results are insensitive to device losses, RF coupling, and transducer response. Experimental results confirm the validity of the technique.

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