

Abstracts

Surface Acoustic Wave Slanted Correlators for Linear FM Pulse-Compressors

B.R. Potter. "Surface Acoustic Wave Slanted Correlators for Linear FM Pulse-Compressors." 1977 MTT-S International Microwave Symposium Digest 77.1 (1977 [MWSYM]): 318-320.

A surface acoustic wave slanted transducer pulse compressor with the power flat to within 1/2 dB over a 66% bandwidth is reported in this paper. It uses no matching networks and has -27 dB insertion loss with linear time delay over the band.

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