

Abstracts

Passive Magnetostatic Wave Pulse Compression Loop

K.W. Chang, D. Gerli, R.L. Carter and J.M. Owens. "Passive Magnetostatic Wave Pulse Compression Loop." 1984 MTT-S International Microwave Symposium Digest 84.1 (1984 [MWSYM]): 85-86.

A magnetostatic pulse compression loop using linear delay lines and passive FM chirp generation has been demonstrated. Sidelobe suppression of 30 dB has been achieved by using loop transducers for appropriate amplitude weighting.

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