

Abstracts

Sidelobe Suppression in Low and High Time-Bandwidth Products of Linear FM Pulse Compression Filters (Comments)

M.K. Roy. "Sidelobe Suppression in Low and High Time-Bandwidth Products of Linear FM Pulse Compression Filters (Comments)." 1988 Transactions on Microwave Theory and Techniques 36.10 (Oct. 1988 [T-MTT]): 1458-1458.

In the above paper, the authors have computed sidelobe suppression of linear FM pulse compression filters using Hamming weighting functions. They claim to have extended previous results of some other authors from a time-bandwidth (TB) product of 50 to 720. Although they refer to surface acoustic wave (SAW) chirp filters, the calculations do not explicitly show any SAW device parameters.

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