

Abstracts

Performance of Acoustic Charge Transport Chirp Filters (1987 Vol. II [MWSYM])

F. Fliegel, R. Martin and F. Guediri. "Performance of Acoustic Charge Transport Chirp Filters (1987 Vol. II [MWSYM])." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 805-808.

The measured performance of Acoustic Charge Transport (ACT) based linear FM dispersive delay line filters is presented and compared to modelled performance. The excellent agreement between the theoretically predicted device performance and the measured results shows clearly that apodisation of the Nondestructive Sensing Array is an effective means for achieving weighted ACT filter responses.

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