

Abstracts

800 MHz Low Loss SAW Filter Using New Phase Weighting

M. Hikita, Y. Kinoshita, H. Kojima, T. Tabuchi and A. Sumioka. "800 MHz Low Loss SAW Filter Using New Phase Weighting." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 46-48.

A new high performance SAW filter for a mobile telephone is presented here. New technologies - - low loss weighting in an IDT, and a new resonant filter configuration - - are described. Experimental results with 3.5~4.0 dB insertion loss at 830 MHz are presented.

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