

Abstracts

Miniature SAW Antenna Duplexer for Portable Telephone

M. Hikitai, Y. Ishida and T. Tabuchi. "Miniature SAW Antenna Duplexer for Portable Telephone." 1987 MTT-S International Microwave Symposium Digest 87.2 (1987 Vol. II [MWSYM]): 797-800.

A new low loss and high power SAW filter for an antenna duplexer used in a portable telephone transceiver was developed. Loss as low as 1.0 ~ 1.2dB and output power as high as 2 watts at 800 MHz were achieved. Experimental results of a miniature duplexer employing this filter were also presented.

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