

Abstracts

A sophisticated design procedure for a triple mode SAW filter suppressing adjacent channel interferences in digital mobile telephones

T. Yamada, K. Nishimura, T. Ishizaki and K. Ogawa. "A sophisticated design procedure for a triple mode SAW filter suppressing adjacent channel interferences in digital mobile telephones." 1997 MTT-S International Microwave Symposium Digest 2. (1997 Vol. II [MWSYM]): 833-836.

A triple mode SAW filter is practicably developed as a first mass production model. Although the basic concept had been well known, the effective design procedure has not been reported so far due to the difficulties of the analysis. The authors have developed a sophisticated design procedure for triple mode SAW filter successfully. The filter samples show excellent performances. It will be a key component for digital mobile communication systems.

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