

Abstracts

An integrated RF front-end for multi-mode handsets

M. Bailey and P. Hagstrom. "An integrated RF front-end for multi-mode handsets." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1269-1272.

Multi-mode and multi-band communication networks have emerged as a step towards true 3rd/ Generation (3G) networks. In this paper, novel integrated RF front-ends for multi-mode/band handsets are described. The advantages of an integrated front-end are demonstrated by measurement results of a prototype EGSM/PCS front-end module. It is shown that this integrated RF module offers a substantial improvement in the present state of handset design.

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